

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091714.D
 Acq On : 17 Dec 2016 14:48
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 17 22:20:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:15:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	302592	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1229316	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	662434	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1058540	20.00	ng	0.00
75) Chrysene-d12	13.93	240	760035	20.00	ng	0.00
86) Perylene-d12	15.33	264	846207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1515971	83.79	ng	0.00
7) Phenol-d6	6.42	99	1785452	78.89	ng	0.00
23) Nitrobenzene-d5	7.34	82	1882022	84.43	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	439871	79.58	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2661320	70.78	ng	0.00
78) Terphenyl-d14	12.88	244	2666394	80.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	373693	39.29	ng	100
3) Pyridine	3.00	79	1269055	48.70	ng	100
4) n-Nitrosodimethylamine	2.97	42	473392	42.99	ng	100
6) Aniline	6.43	93	1181992	40.00	ng	100
8) 2-Chlorophenol	6.56	128	822589	40.55	ng	100
9) Benzaldehyde	6.32	77	559255	36.17	ng	100
10) Phenol	6.43	94	1035926	38.43	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	788758	40.20	ng	100
12) 1,3-Dichlorobenzene	6.72	146	906349	40.60	ng	100
13) 1,4-Dichlorobenzene	6.78	146	891322	40.53	ng	100
14) 1,2-Dichlorobenzene	6.94	146	842610	42.71	ng	100
15) Benzyl Alcohol	6.92	79	725948	40.64	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1252422	41.02	ng	100
17) 2-Methylphenol	7.04	107	682834	40.57	ng	100
18) Hexachloroethane	7.29	117	354985	41.57	ng	100
19) n-Nitroso-di-n-propylamine	7.20	70	580069	41.25	ng	100
20) 3+4-Methylphenols	7.20	107	769637	36.84	ng	100
22) Acetophenone	7.18	105	1204281	40.52	ng	100
24) Nitrobenzene	7.36	77	900506	39.28	ng	100
25) Isophorone	7.61	82	1730427	43.45	ng	100
26) 2-Nitrophenol	7.68	139	471911	45.39	ng	100
27) 2,4-Dimethylphenol	7.72	122	751078	40.99	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	935844	40.84	ng	100
29) 2,4-Dichlorophenol	7.93	162	701307	44.34	ng	100
30) 1,2,4-Trichlorobenzene	8.01	180	746394	41.33	ng	100
31) Naphthalene	8.08	128	2377258	41.08	ng	100
32) Benzoic acid	7.87	122	605210	48.41	ng	100
33) 4-Chloroaniline	8.13	127	1041081	41.67	ng	100
34) Hexachlorobutadiene	8.20	225	412860	40.43	ng	100
35) Caprolactam	8.52	113	238715	49.51	ng	100
36) 4-Chloro-3-methylphenol	8.62	107	773485	43.55	ng	100
37) 2-Methylnaphthalene	8.77	142	1558840	41.57	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	683640	37.38	ng	100
40) Hexachlorocyclopentadiene	8.93	237	323226	40.00	ng	100

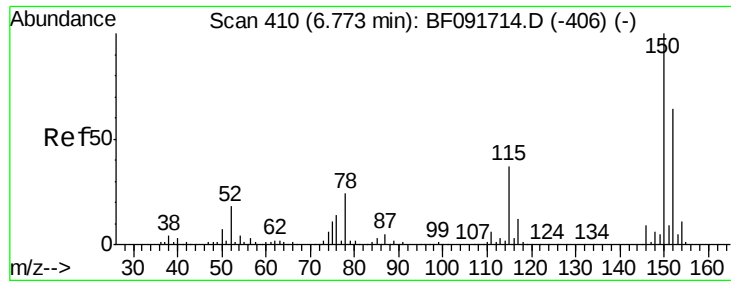
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	499139	42.71	ng	100
43) 2,4,5-Trichlorophenol	9.09	196	478474	39.49	ng	100
45) 1,1'-Biphenyl	9.24	154	2036056	41.52	ng	100
46) 2-Chloronaphthalene	9.26	162	1520709	40.36	ng	100
47) 2-Nitroaniline	9.36	65	476009	38.53	ng	100
48) Acenaphthylene	9.68	152	2242574	39.36	ng	100
49) Dimethylphthalate	9.55	163	1873576	44.08	ng	100
50) 2,6-Dinitrotoluene	9.61	165	432554	46.16	ng	100
51) Acenaphthene	9.85	154	1550265	39.21	ng	100
52) 3-Nitroaniline	9.77	138	486195	44.58	ng	100
53) 2,4-Dinitrophenol	9.88	184	223717	60.48	ng	100
54) Dibenzofuran	10.02	168	1952297	39.84	ng	100
55) 4-Nitrophenol	9.94	139	335954	42.49	ng	100
56) 2,4-Dinitrotoluene	10.01	165	531773	45.75	ng	100
57) Fluorene	10.36	166	1568924	40.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	388105	41.43	ng	100
59) Diethylphthalate	10.24	149	1729622	42.59	ng	100
60) 4-Chlorophenyl-phenylether	10.35	204	639303	36.95	ng	100
61) 4-Nitroaniline	10.38	138	447223	40.93	ng	100
62) Azobenzene	10.51	77	1797378	39.60	ng	100
64) 4,6-Dinitro-2-methylphenol	10.42	198	338534	59.82	ng	100
65) n-Nitrosodiphenylamine	10.48	169	1374335	42.51	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	448670	41.06	ng	100
67) Hexachlorobenzene	10.91	284	511775	44.09	ng	100
68) Atrazine	11.00	200	417197	40.96	ng	100
69) Pentachlorophenol	11.10	266	308916	47.21	ng	100
70) Phenanthrene	11.32	178	2412886	44.55	ng	100
71) Anthracene	11.37	178	2082759	37.15	ng	100
72) Carbazole	11.53	167	2119647	41.78	ng	100
73) Di-n-butylphthalate	11.86	149	2522947	43.33	ng	100
74) Fluoranthene	12.50	202	2214744	40.38	ng	100
76) Benzidine	12.62	184	976347	41.50	ng	100
77) Pyrene	12.73	202	2277137	38.28	ng	100
79) Butylbenzylphthalate	13.36	149	1096782	45.72	ng	100
80) Benzo(a)anthracene	13.92	228	1856418	41.68	ng	100
81) 3,3'-Dichlorobenzidine	13.88	252	771633	47.15	ng	100
82) Chrysene	13.96	228	2014156	43.17	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1339312	43.93	ng	100
84) Di-n-octyl phthalate	14.53	149	2702086	51.08	ng	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	2000648	46.87	ng	100
87) Benzo(b)fluoranthene	14.97	252	3819448	73.68	ng	99
88) Benzo(k)fluoranthene	14.97	252	3820247	87.59	ng	100
89) Benzo(a)pyrene	15.28	252	1855032	40.59	ng	100
90) Dibenzo(a,h)anthracene	16.71	278	1664587	40.56	ng	100
91) Benzo(g,h,i)perylene	17.11	276	1724058	41.09	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

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SSTDICCC040

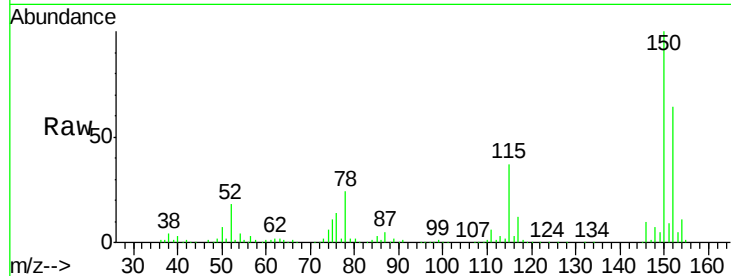
Tgt Ion:152 Resp: 302592

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

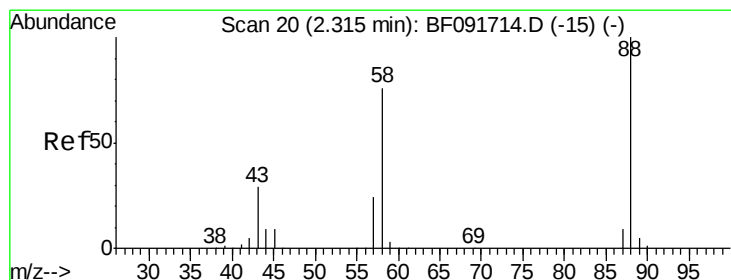
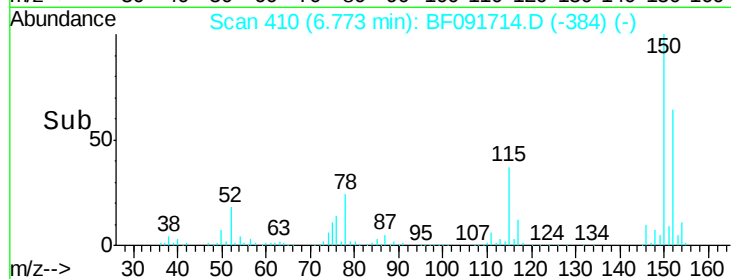
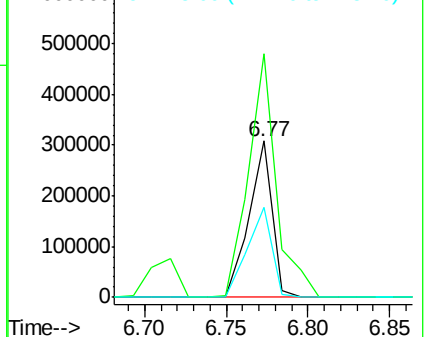
115 57.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.29 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

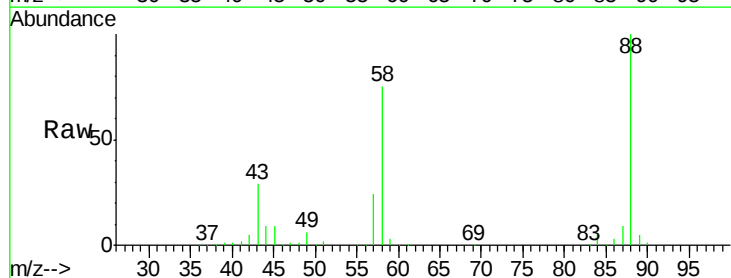
Tgt Ion: 88 Resp: 373693

Ion Ratio Lower Upper

88 100

58 72.3 57.8 86.8

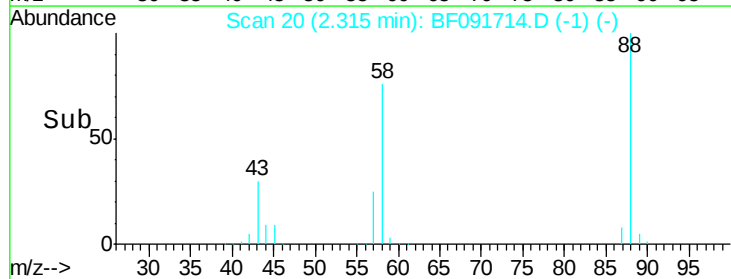
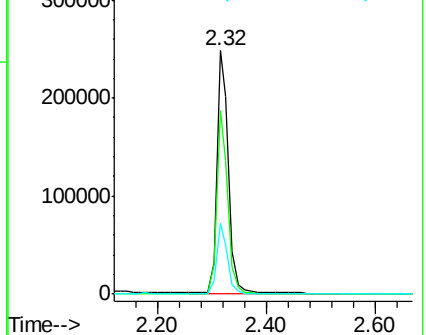
43 27.9 22.3 33.5

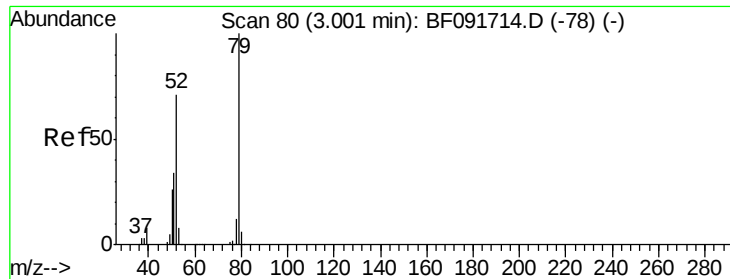


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 48.70 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

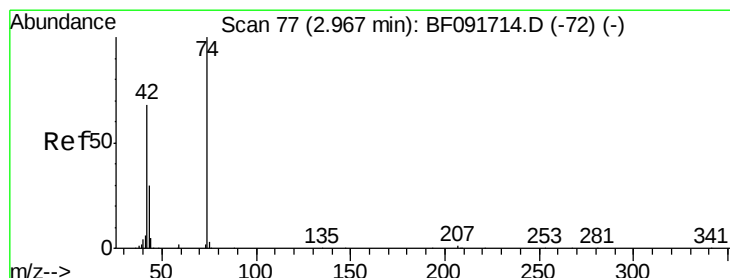
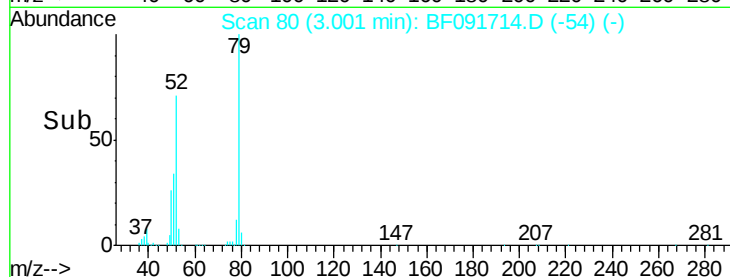
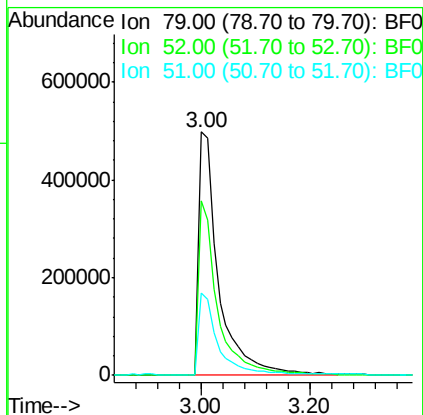
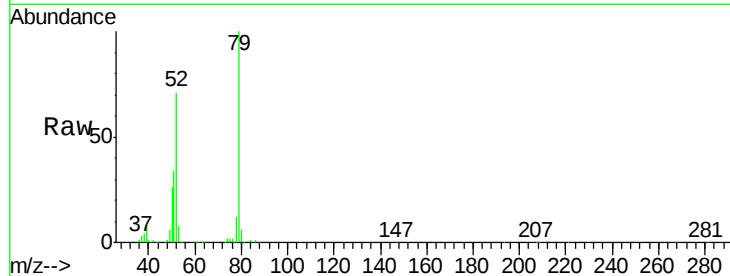
Tgt Ion: 79 Resp: 1269055

Ion Ratio Lower Upper

79 100

52 71.4 57.1 85.7

51 34.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 42.99 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

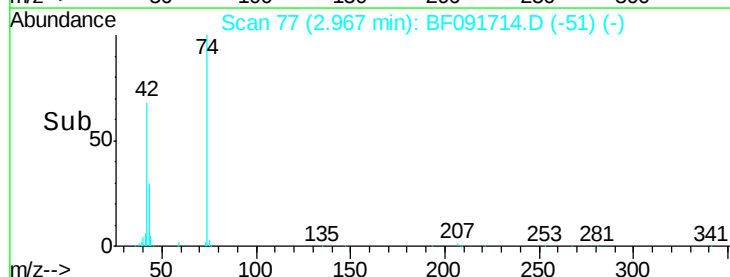
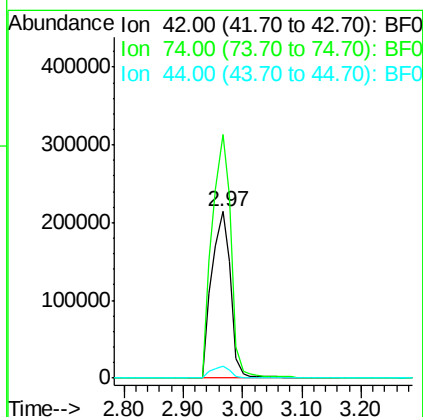
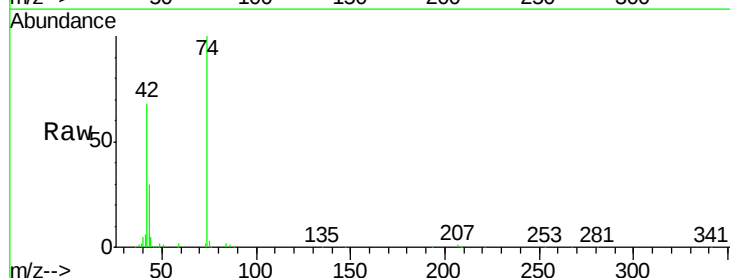
Tgt Ion: 42 Resp: 473392

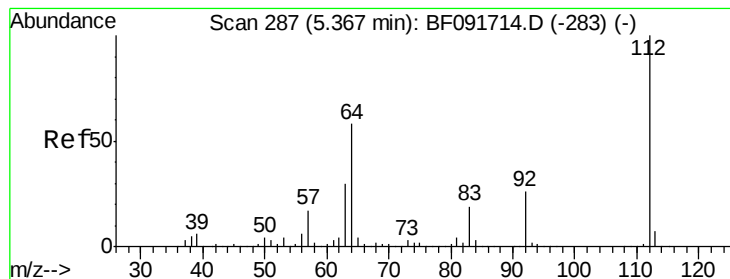
Ion Ratio Lower Upper

42 100

74 146.2 117.0 175.4

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 83.79 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

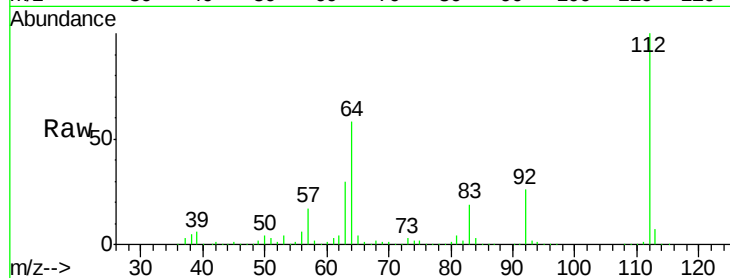
Tgt Ion: 112 Resp: 1515971

Ion Ratio Lower Upper

112 100

64 57.6 46.1 69.1

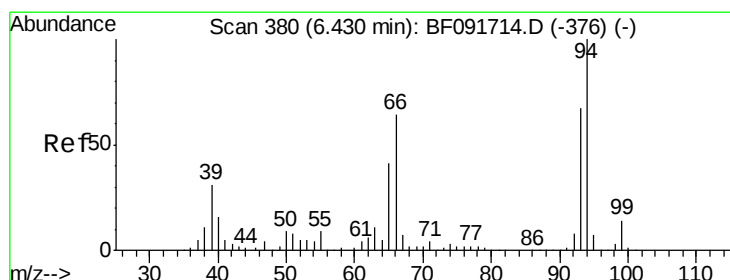
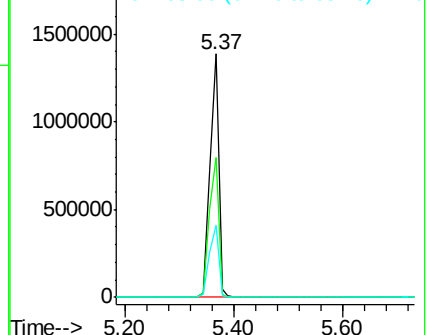
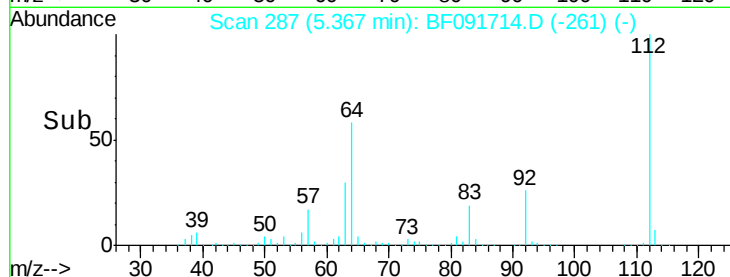
63 29.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.00 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

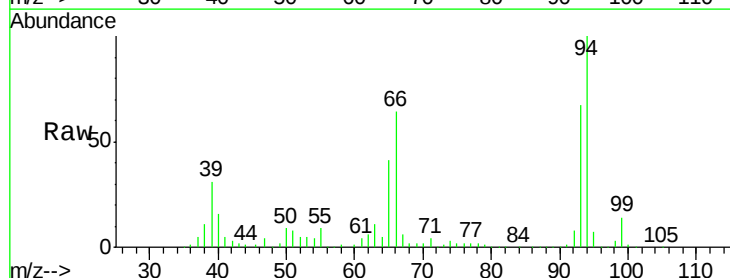
Tgt Ion: 93 Resp: 1181992

Ion Ratio Lower Upper

93 100

66 95.2 76.2 114.2

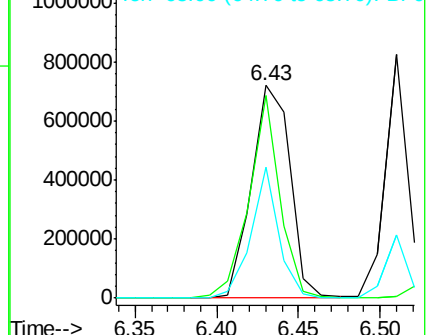
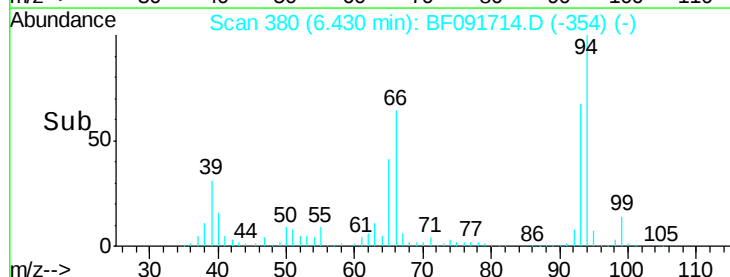
65 61.6 49.3 73.9

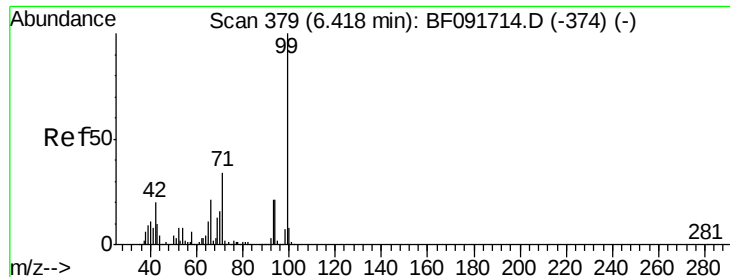


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.89 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

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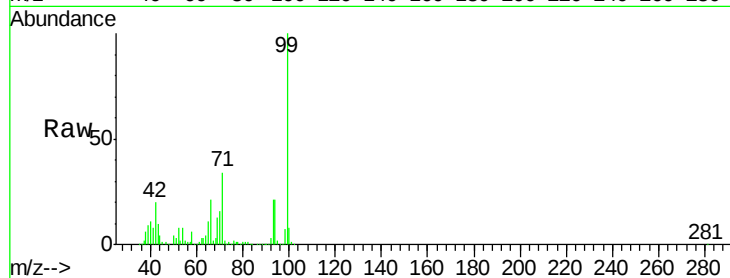
Tgt Ion: 99 Resp: 1785452

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

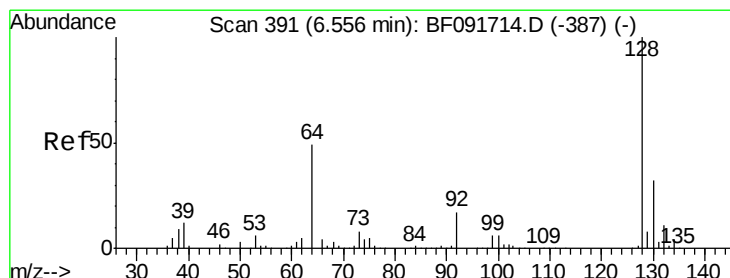
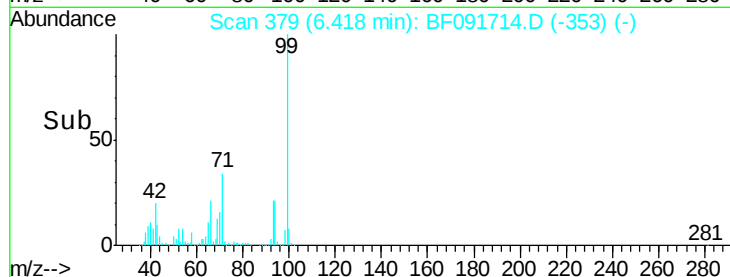
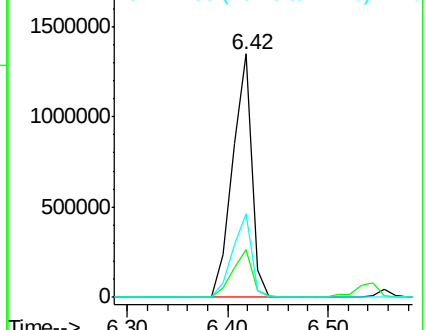
71 34.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.55 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

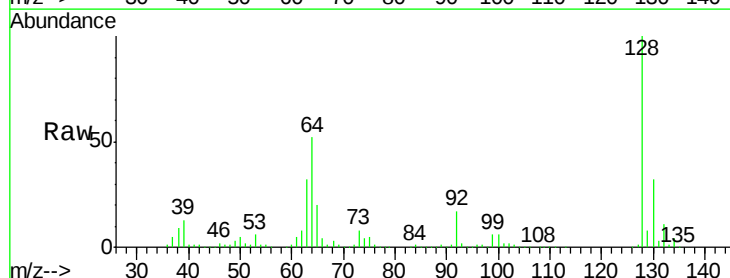
Tgt Ion: 128 Resp: 822589

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

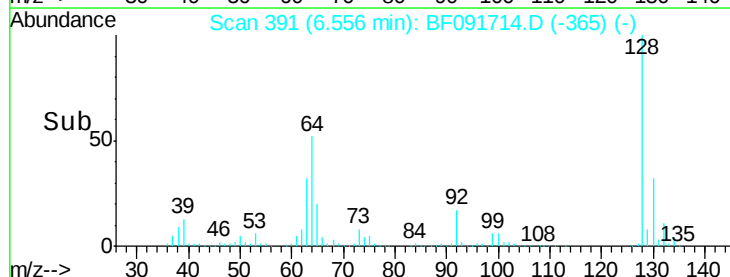
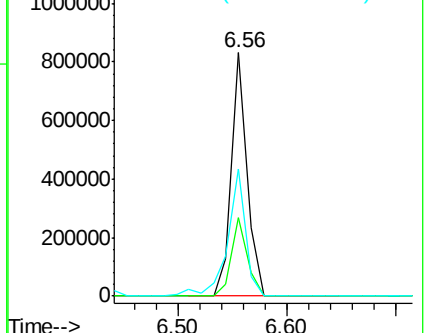
64 52.2 32.2 72.2

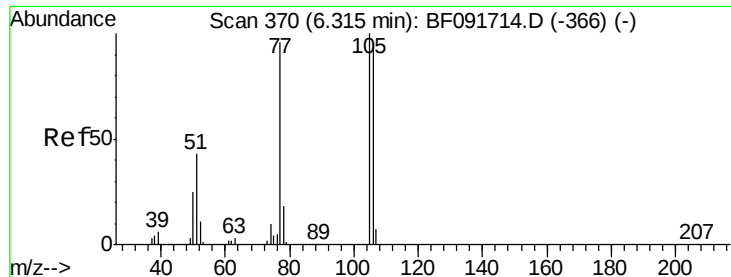


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.17 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

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ClientSampleId :

SSTDICCC040

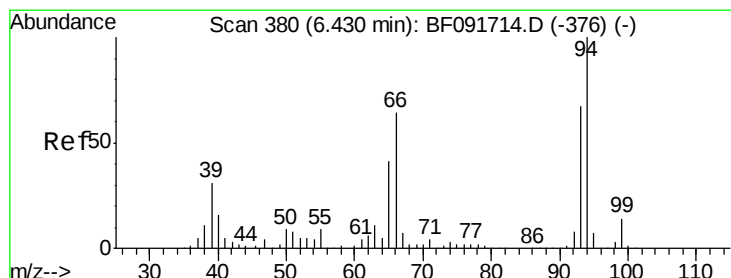
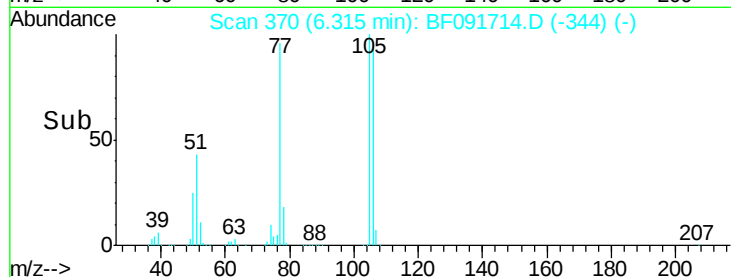
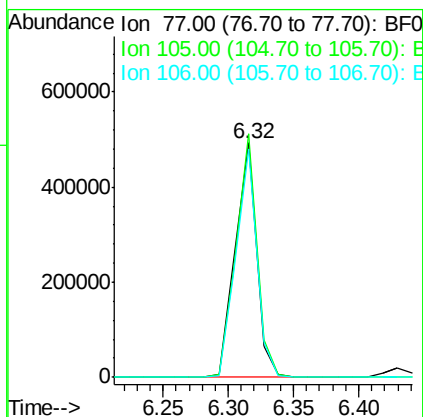
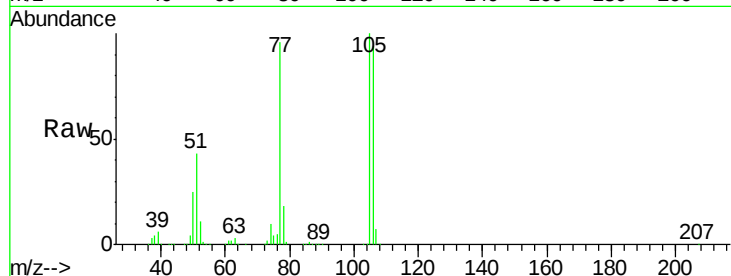
Tgt Ion: 77 Resp: 559255

Ion Ratio Lower Upper

77 100

105 103.9 83.9 123.9

106 97.6 77.6 117.6



#10

Phenol

Concen: 38.43 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

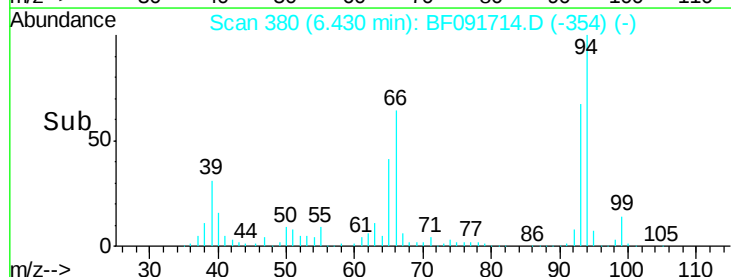
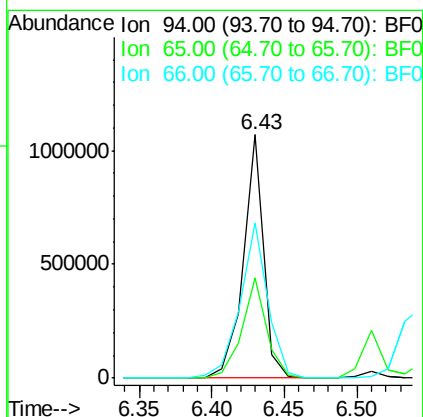
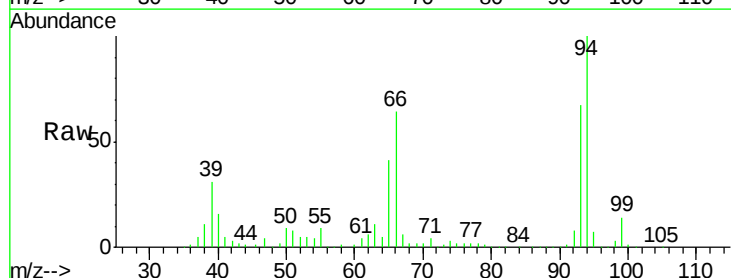
Tgt Ion: 94 Resp: 1035926

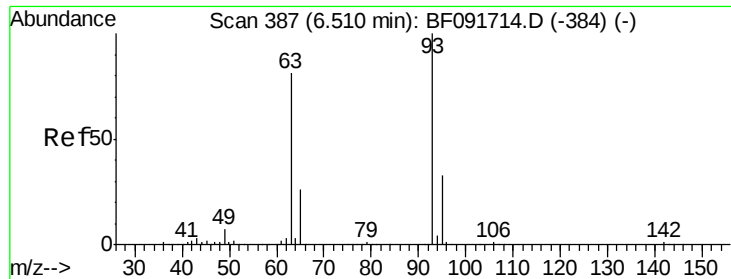
Ion Ratio Lower Upper

94 100

65 41.4 21.4 61.4

66 64.0 44.0 84.0

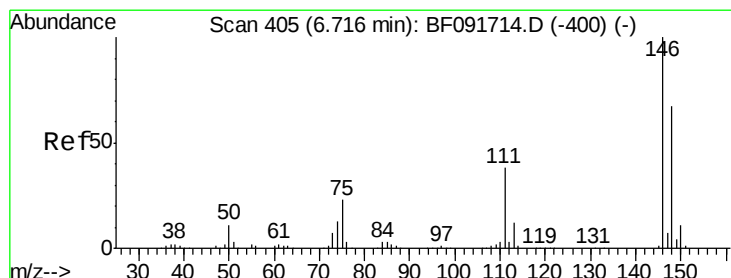
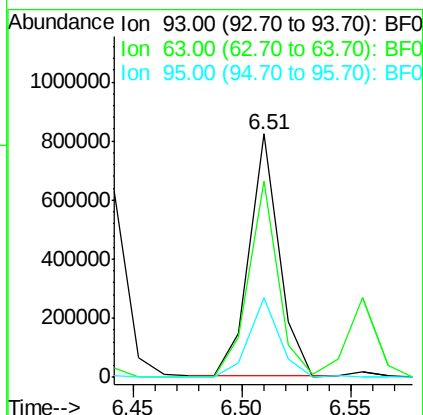
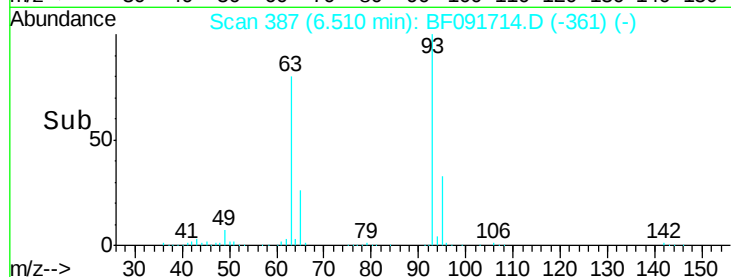
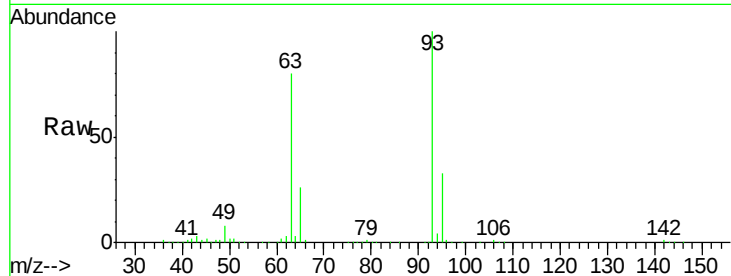




#11
bis(2-Chloroethyl)ether
Concen: 40.20 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

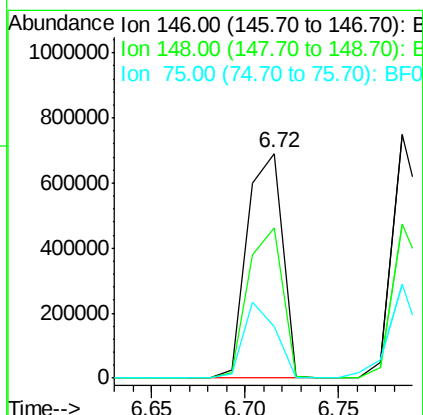
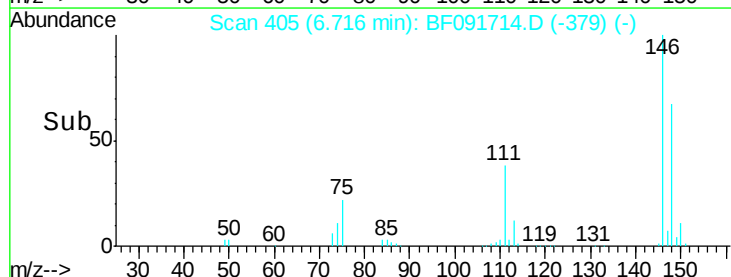
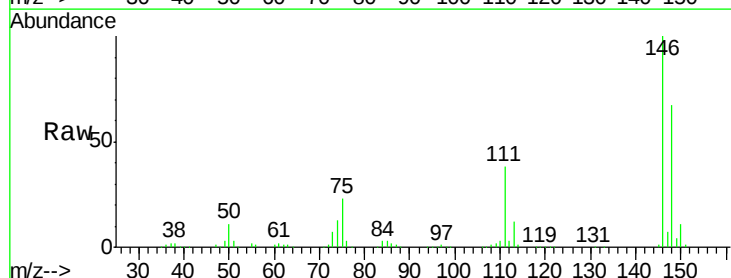
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

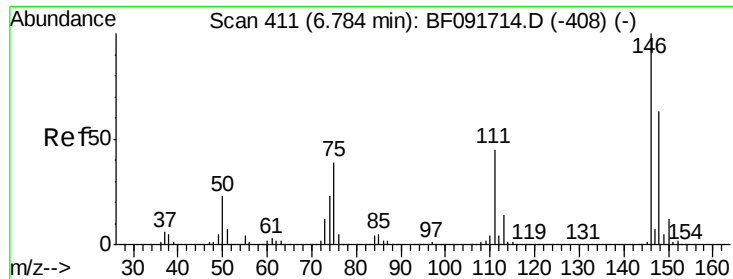
Tgt Ion: 93 Resp: 788758
Ion Ratio Lower Upper
93 100
63 80.4 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.60 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion: 146 Resp: 906349
Ion Ratio Lower Upper
146 100
148 66.7 53.4 80.0
75 23.1 18.5 27.7

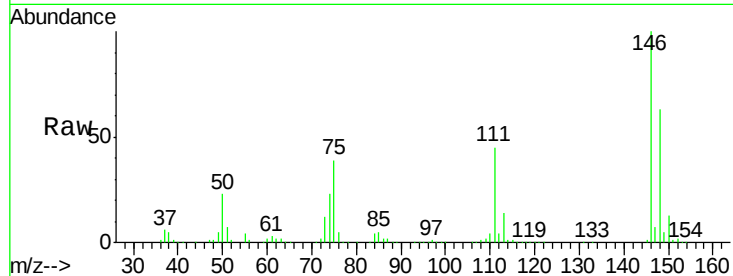




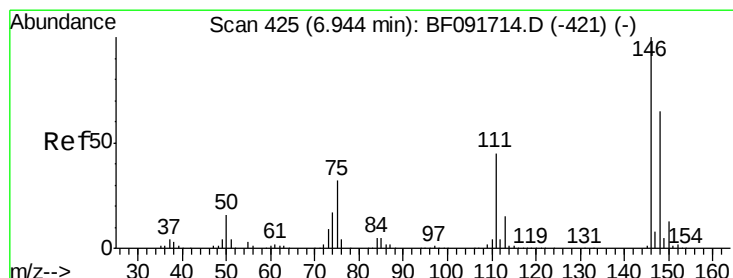
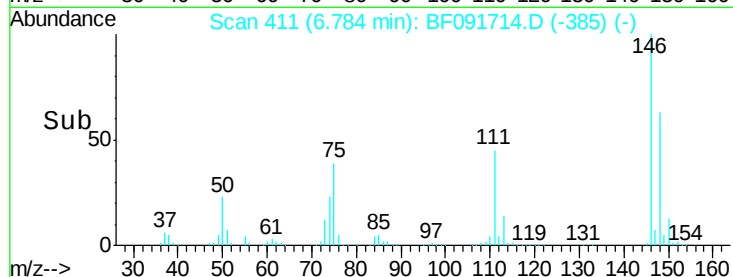
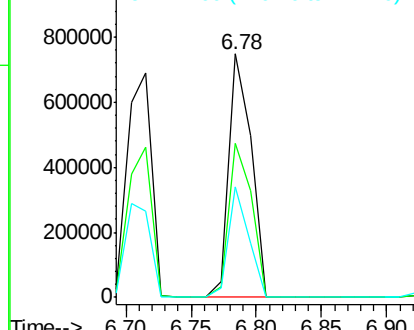
#13
 1,4-Dichlorobenzene
 Concen: 40.53 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:146 Resp: 891322
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 45.3 36.2 54.4

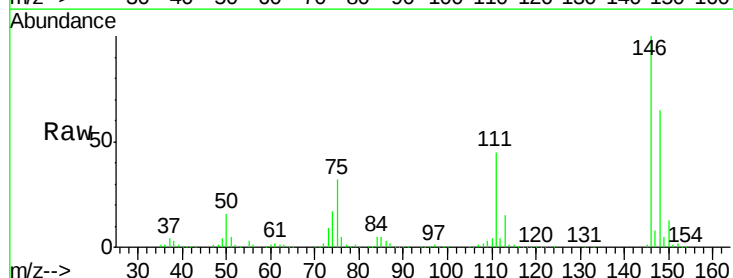


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

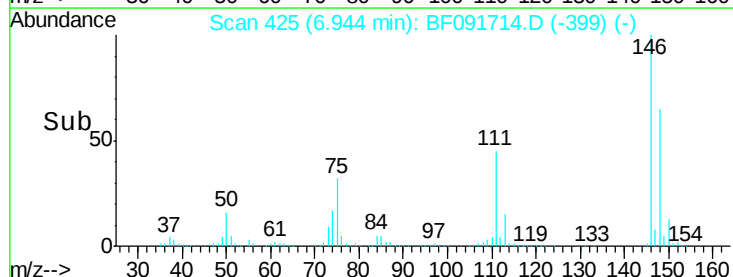
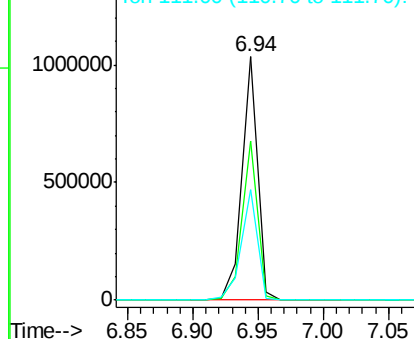


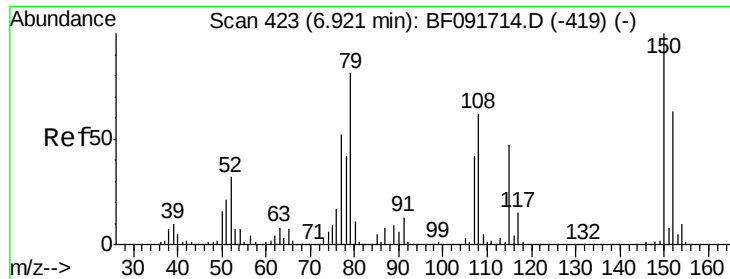
#14
 1,2-Dichlorobenzene
 Concen: 42.71 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion:146 Resp: 842610
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.2
 111 45.2 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

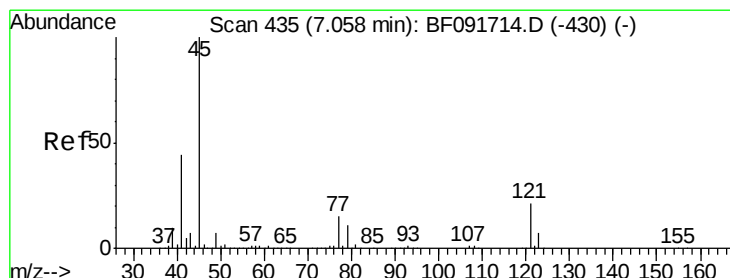
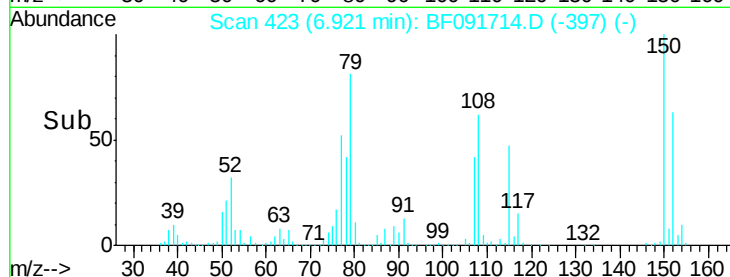
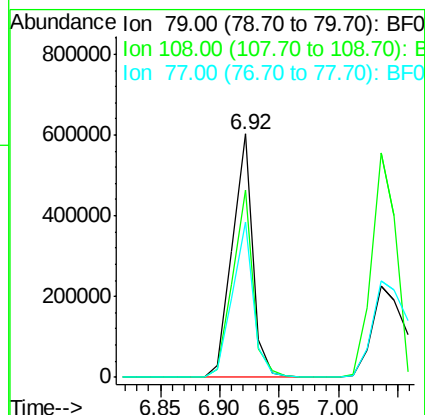
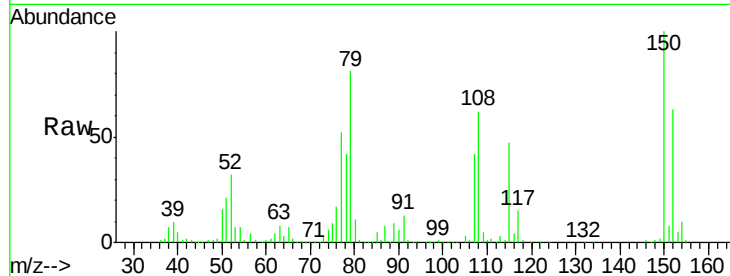
Tgt Ion: 79 Resp: 725948

Ion Ratio Lower Upper

79 100

108 76.7 61.4 92.0

77 63.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.02 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

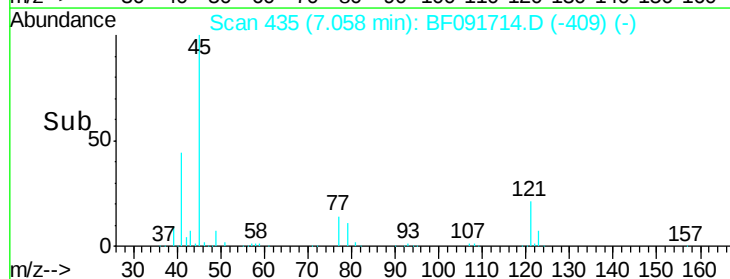
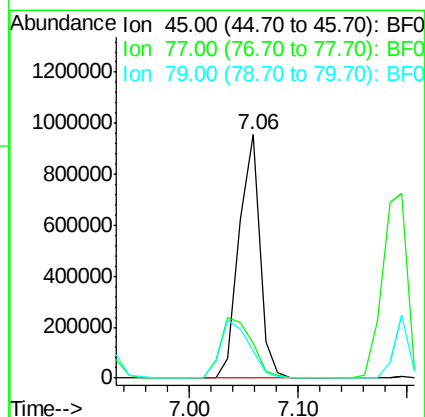
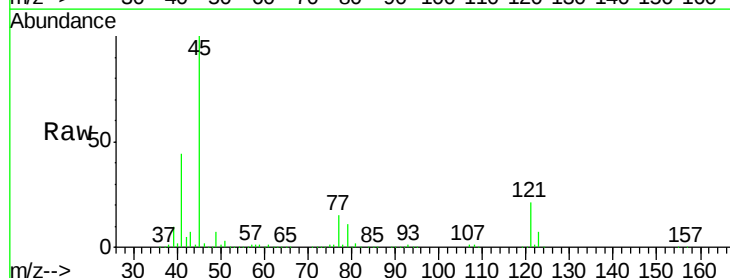
Tgt Ion: 45 Resp: 1252422

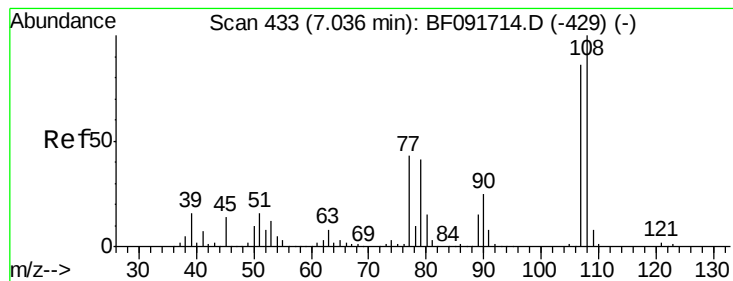
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.6

79 11.2 0.0 31.2





#17

2-Methylphenol

Concen: 40.57 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 682834

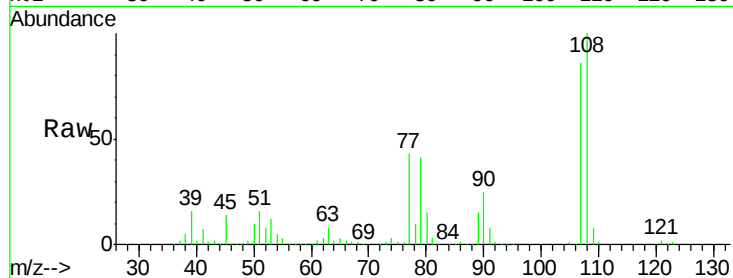
Ion Ratio Lower Upper

107 100

108 116.3 93.0 139.6

77 49.8 39.8 59.8

79 47.5 38.0 57.0

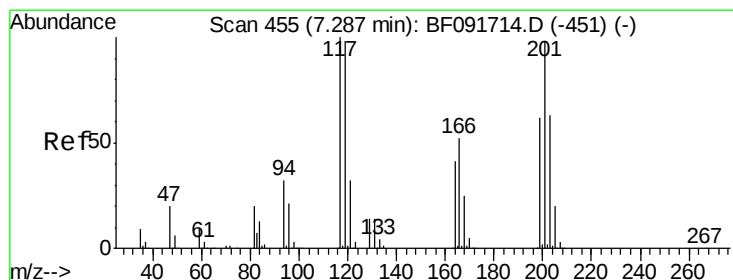
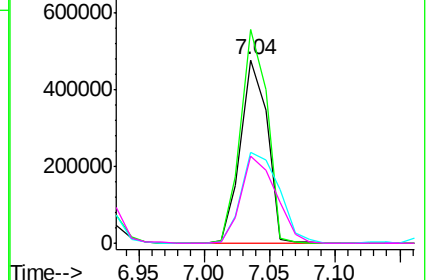
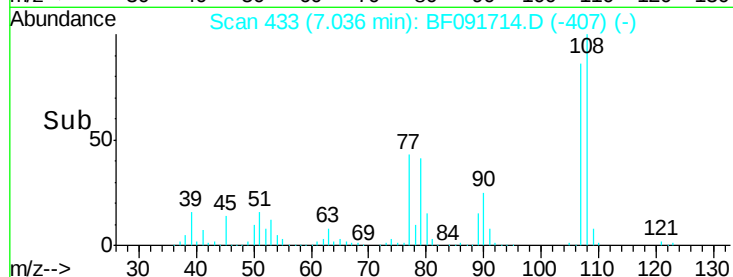


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.57 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

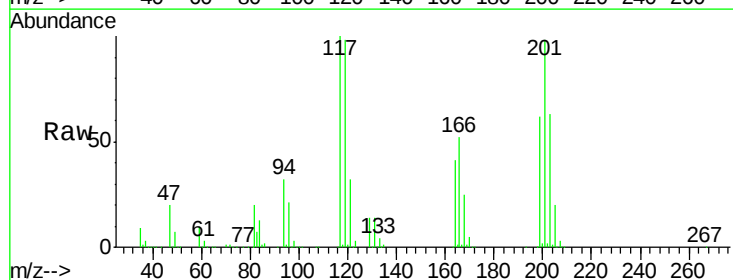
Tgt Ion:117 Resp: 354985

Ion Ratio Lower Upper

117 100

119 97.6 78.1 117.1

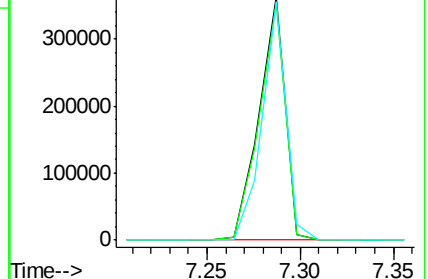
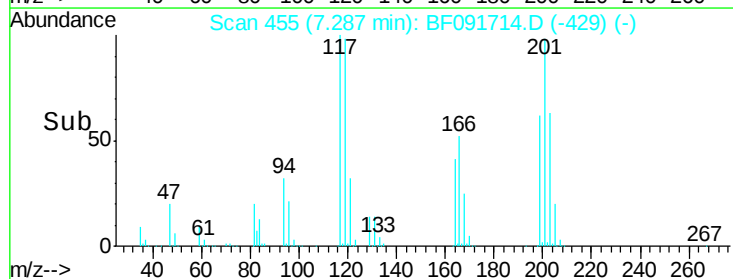
201 98.2 78.6 117.8

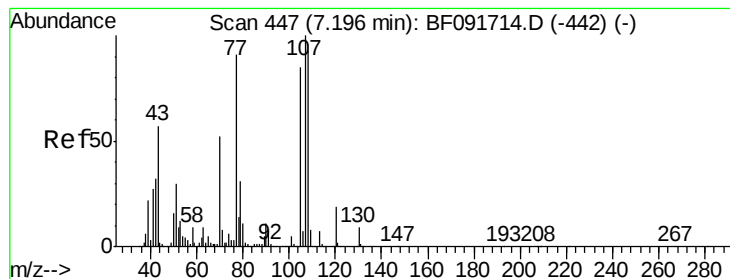


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.25 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 580069

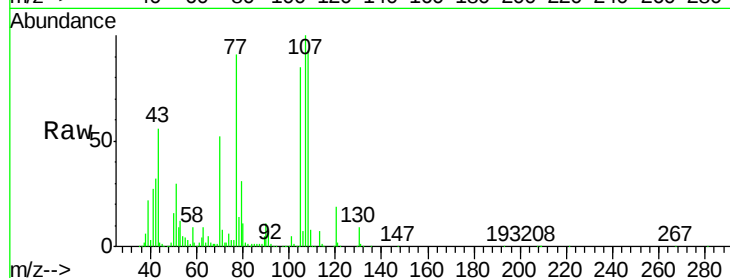
Ion Ratio Lower Upper

70 100

42 61.7 49.4 74.0

101 9.3 7.4 11.2

130 17.8 14.2 21.4

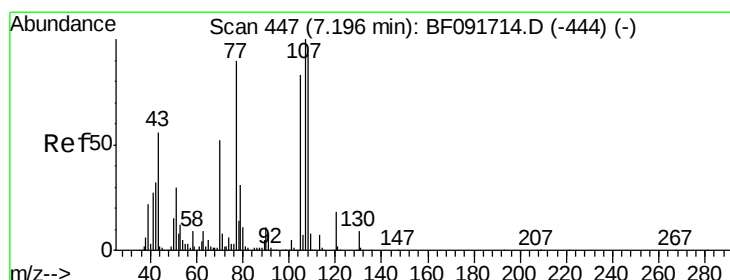
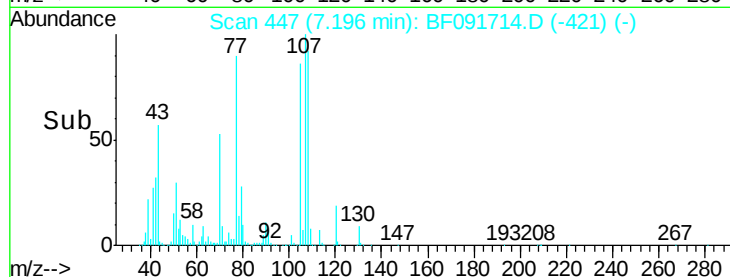
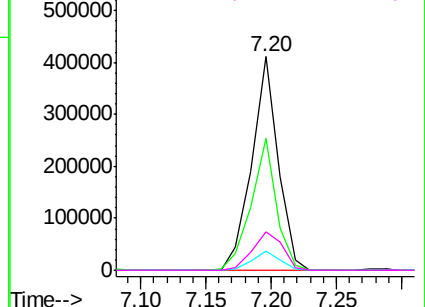


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 36.84 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Tgt Ion: 107 Resp: 769637

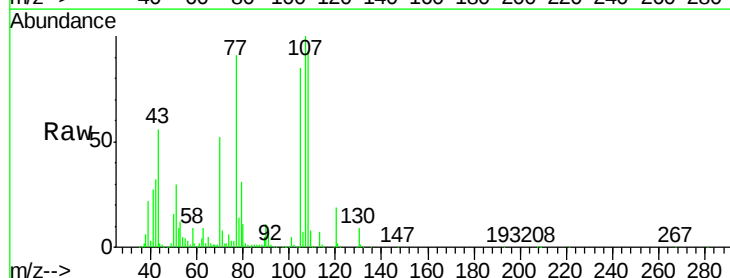
Ion Ratio Lower Upper

107 100

108 93.0 73.0 113.0

77 91.3 71.3 111.3

79 31.1 11.1 51.1

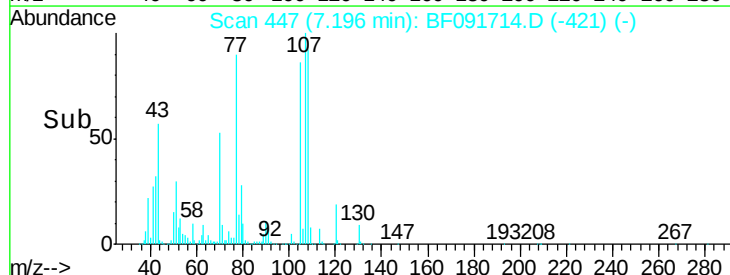
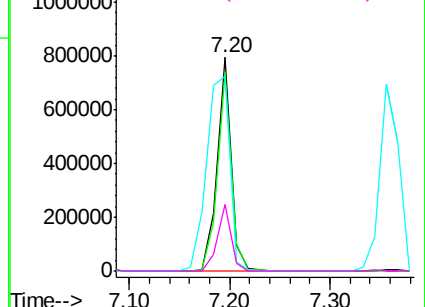


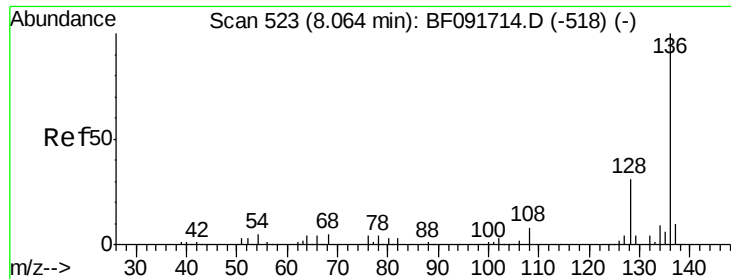
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

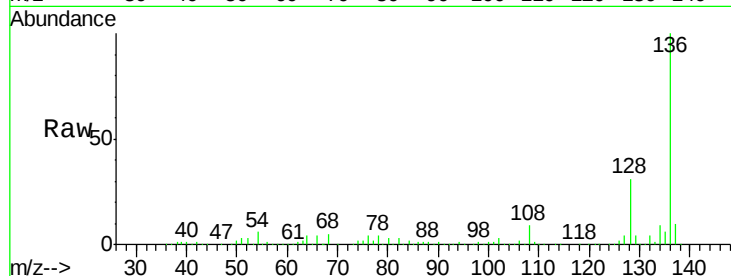




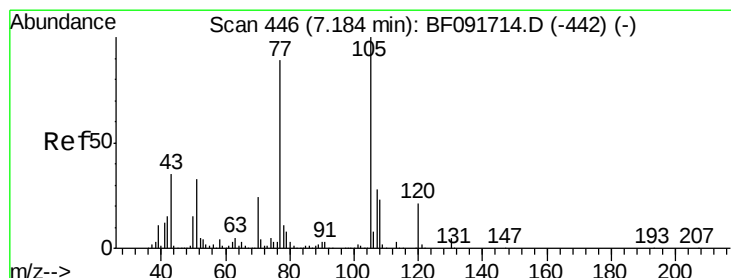
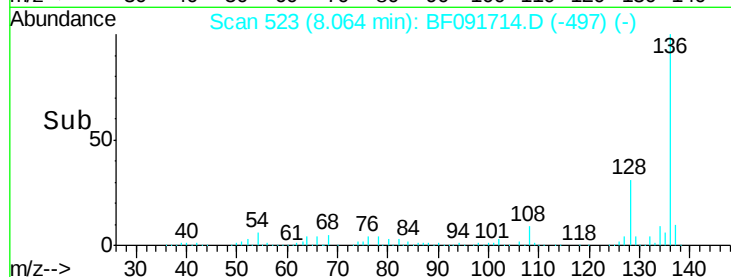
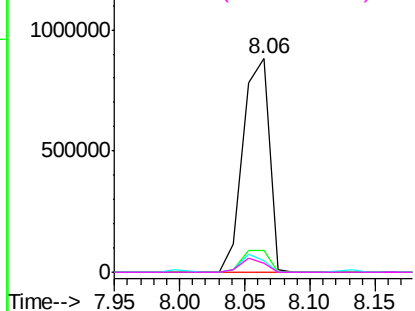
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1229316
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 5.6 4.5 6.7
68 4.5 3.6 5.4

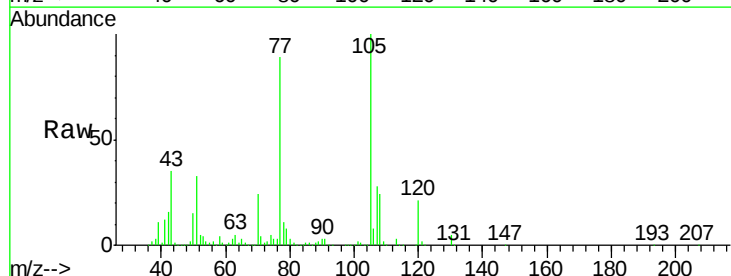


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

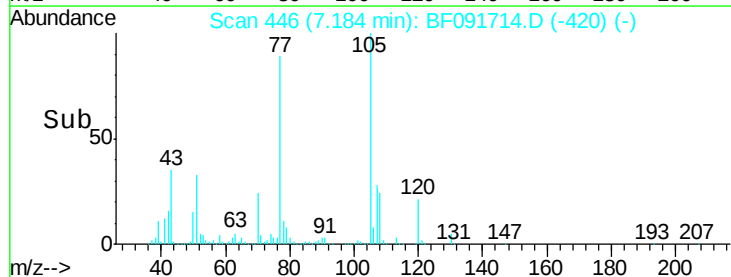
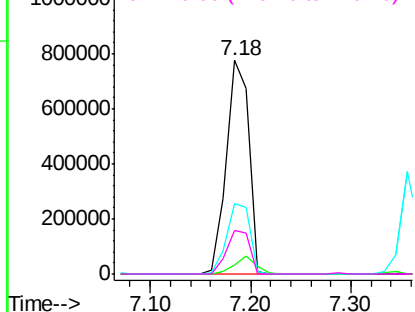


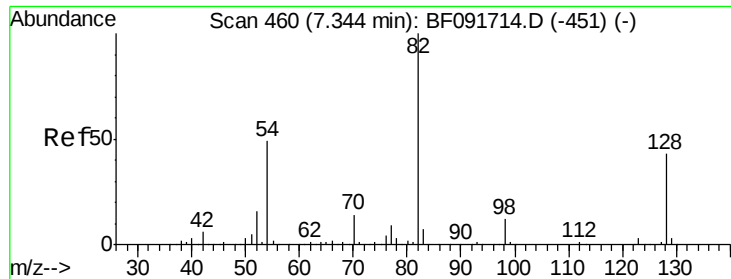
#22
Acetophenone
Concen: 40.52 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:105 Resp: 1204281
Ion Ratio Lower Upper
105 100
71 4.0 3.2 4.8
51 32.8 26.2 39.4
120 20.7 16.6 24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

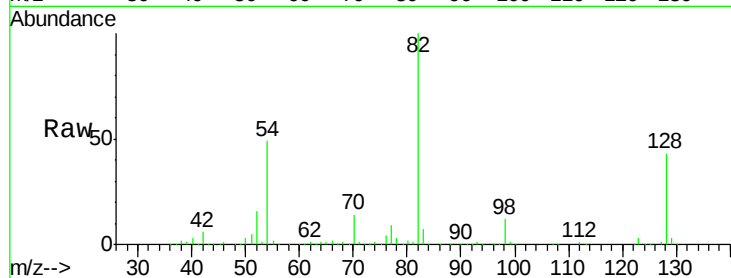




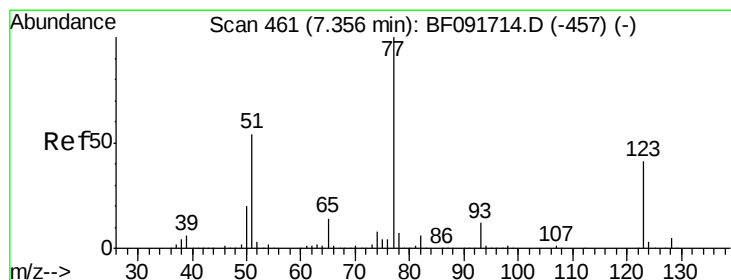
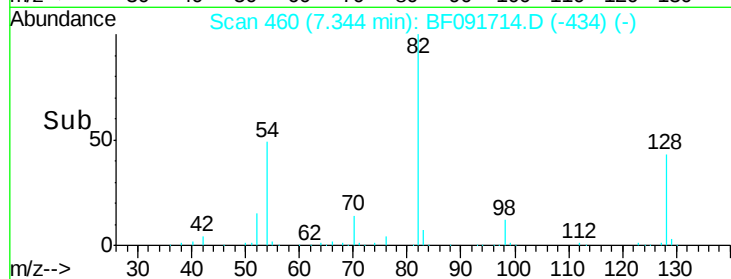
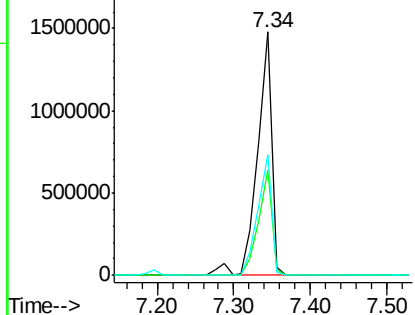
#23
 Nitrobenzene-d5
 Concen: 84.43 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion: 82 Resp: 1882022
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 52.0
 54 49.4 39.5 59.3

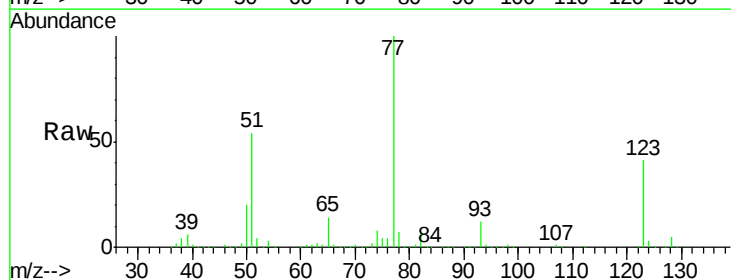


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

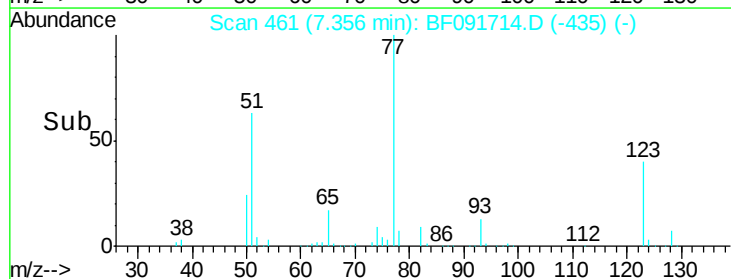
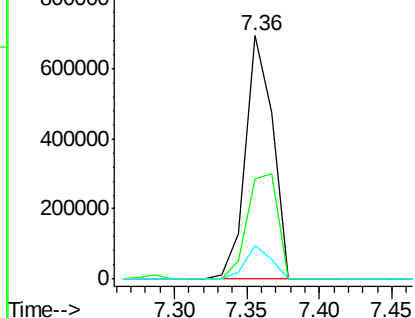


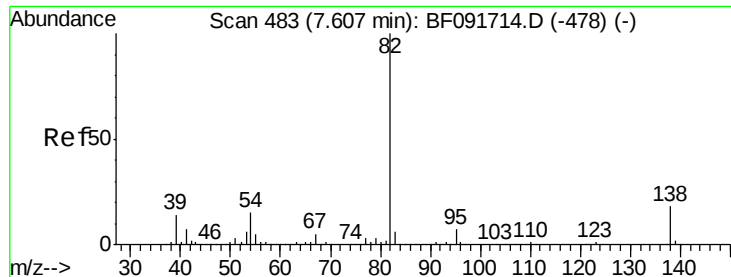
#24
 Nitrobenzene
 Concen: 39.28 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion: 77 Resp: 900506
 Ion Ratio Lower Upper
 77 100
 123 41.2 33.0 49.4
 65 14.0 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.45 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

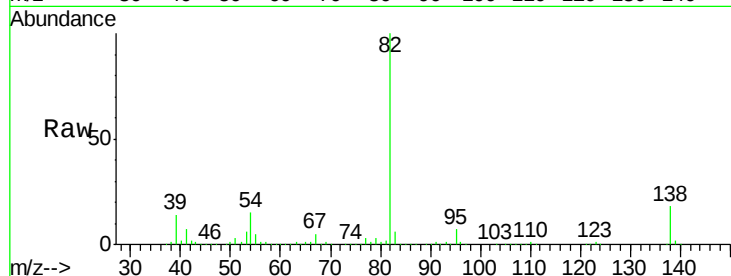
Tgt Ion: 82 Resp: 1730427

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

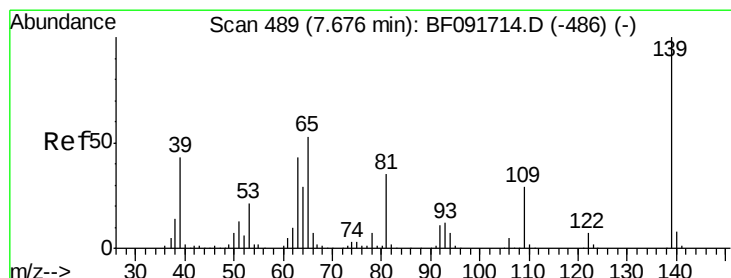
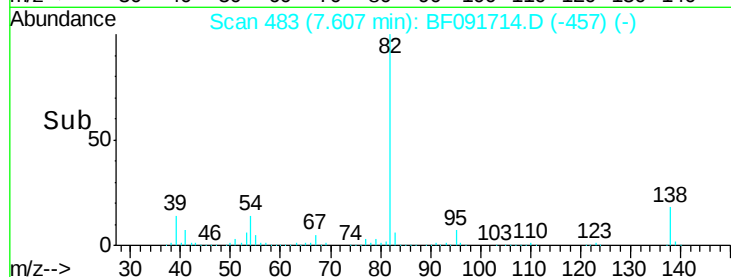
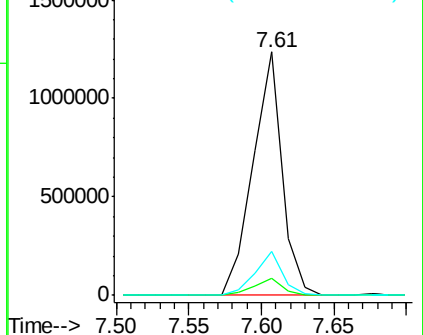
138 18.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.39 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

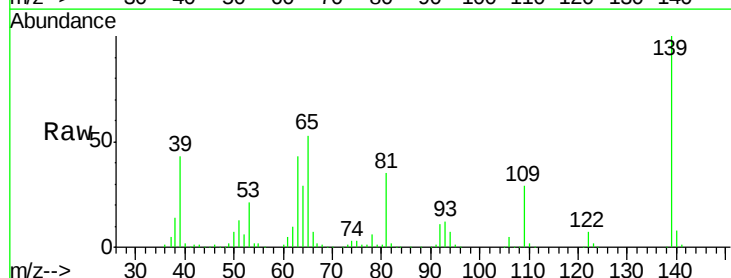
Tgt Ion: 139 Resp: 471911

Ion Ratio Lower Upper

139 100

109 29.1 23.3 34.9

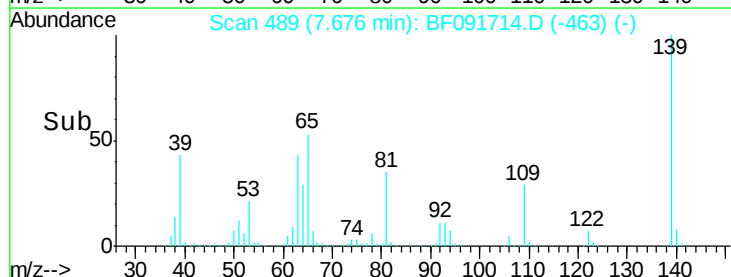
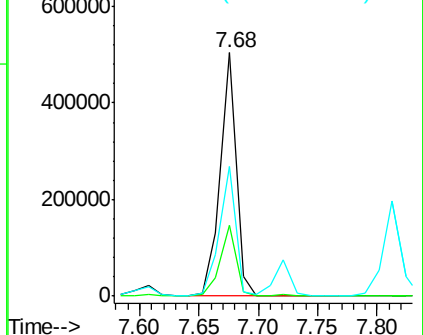
65 53.4 42.7 64.1

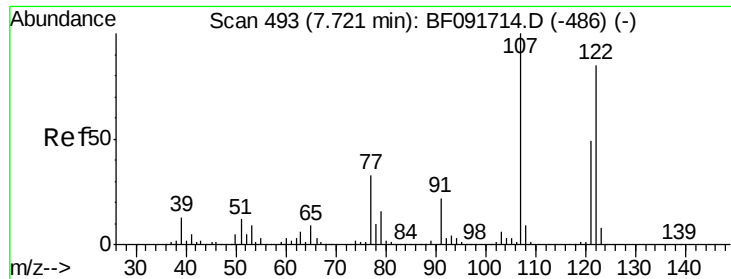


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.99 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

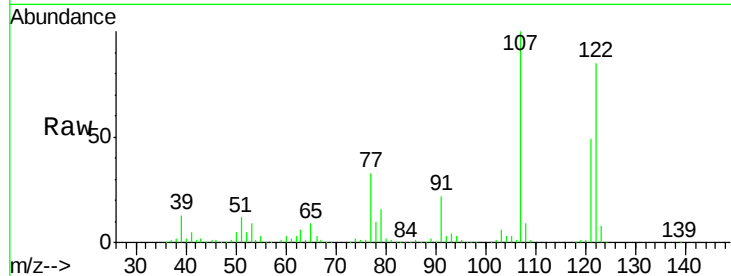
Tgt Ion:122 Resp: 751078

Ion Ratio Lower Upper

122 100

107 117.6 94.1 141.1

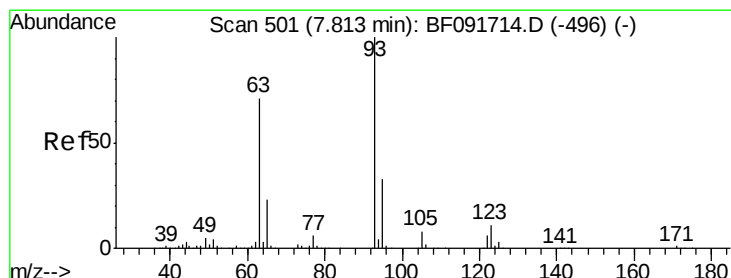
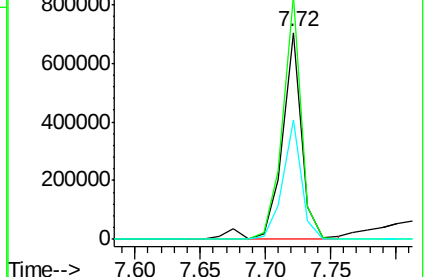
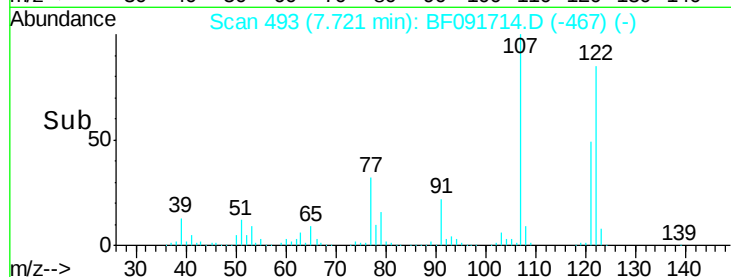
121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.84 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

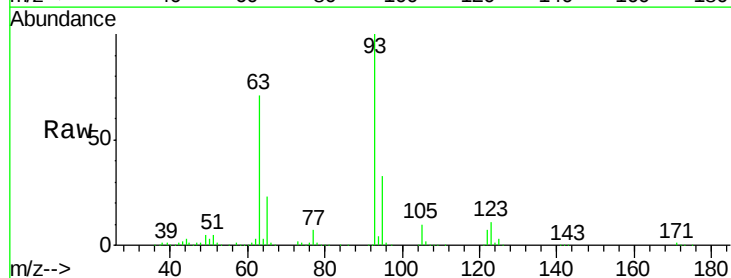
Tgt Ion: 93 Resp: 935844

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

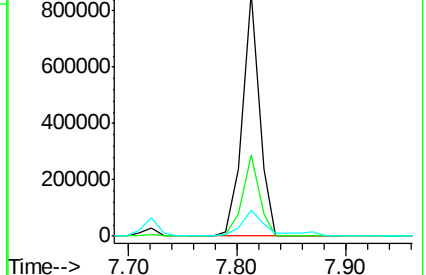
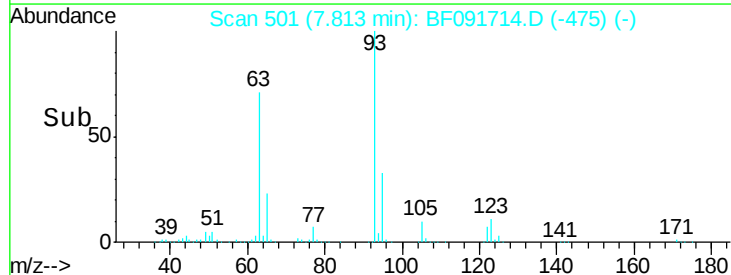
123 10.8 8.6 13.0

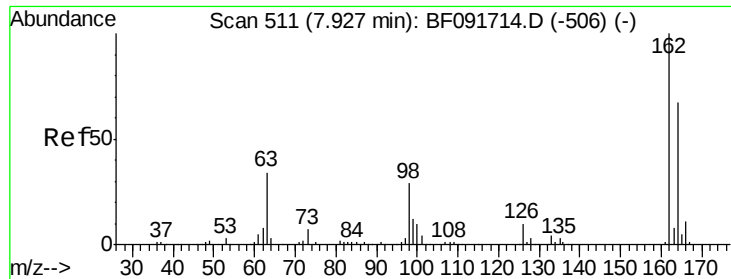


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

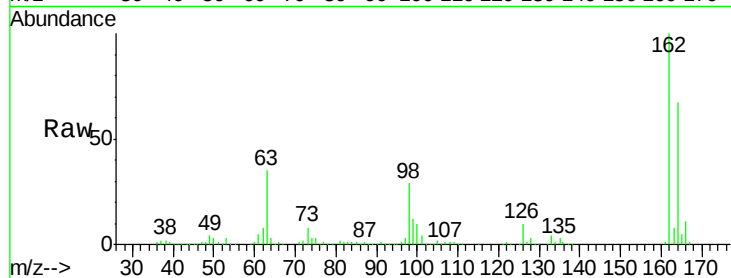




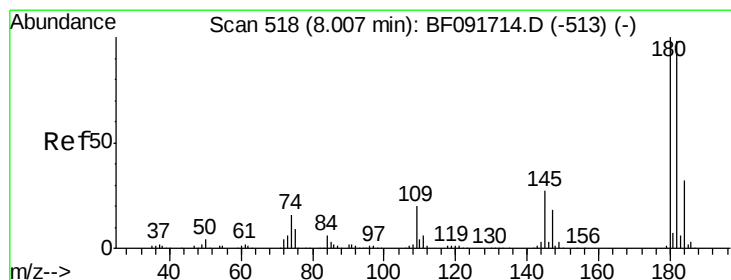
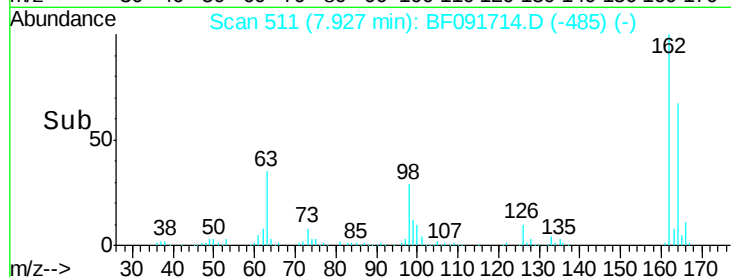
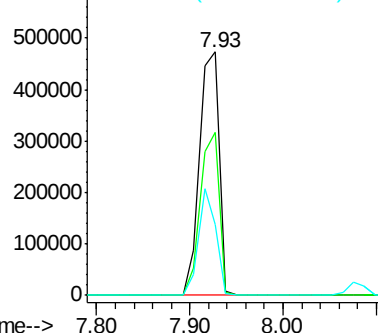
#29
 2,4-Dichlorophenol
 Concen: 44.34 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.8	46.8	86.8
98	29.1	9.1	49.1

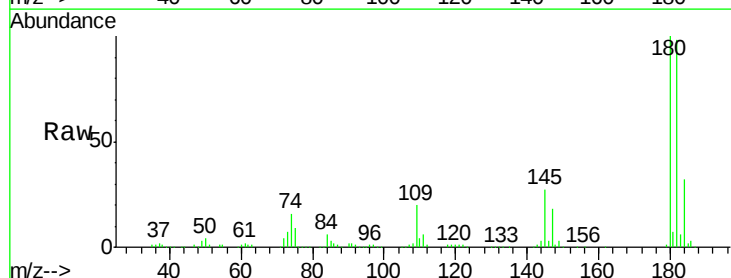


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

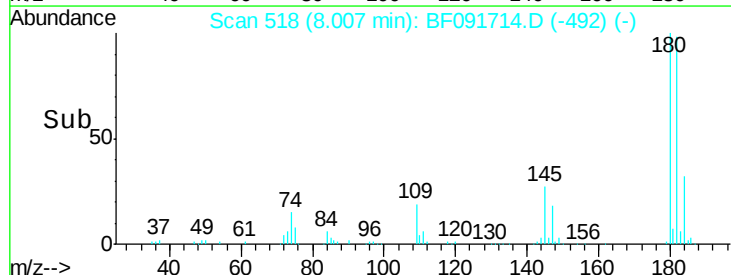
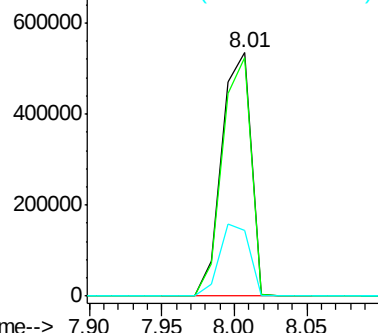


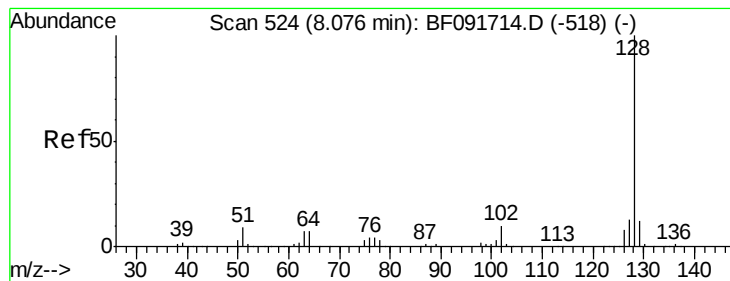
#30
 1,2,4-Trichlorobenzene
 Concen: 41.33 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	78.2	117.4
145	27.0	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.08 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

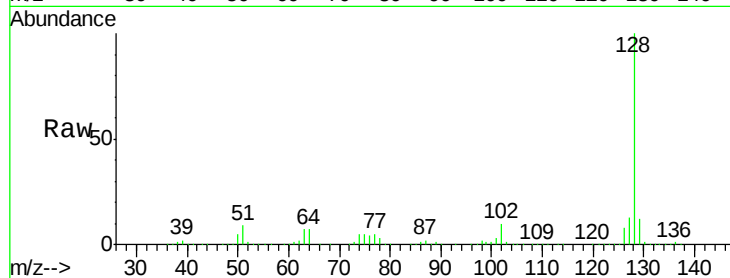
Tgt Ion:128 Resp: 2377258

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

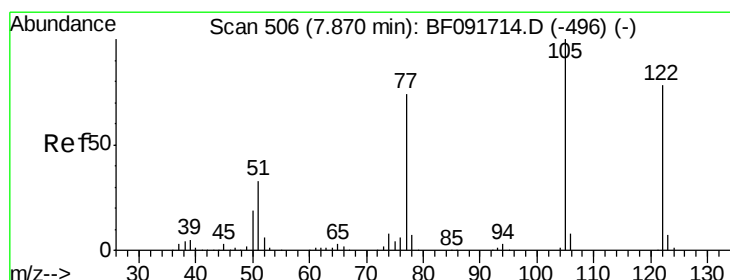
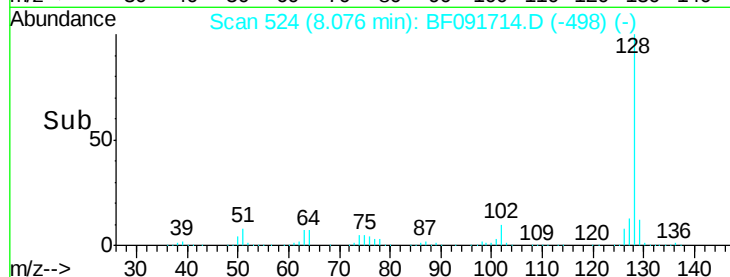
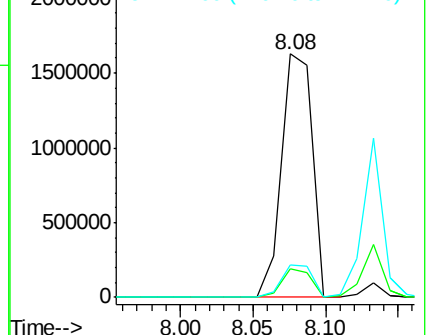
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.41 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

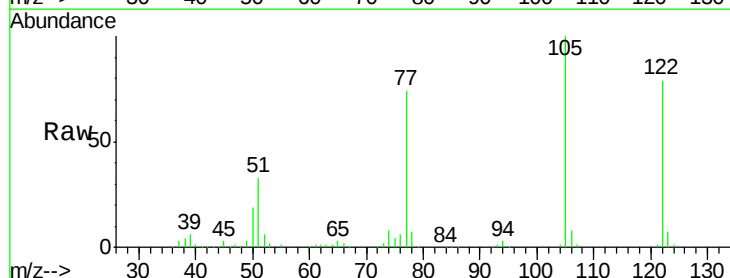
Tgt Ion:122 Resp: 605210

Ion Ratio Lower Upper

122 100

105 127.2 107.2 147.2

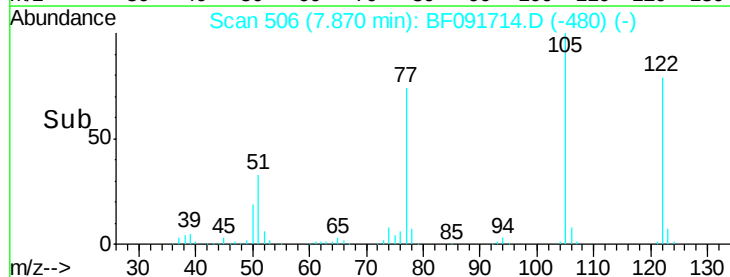
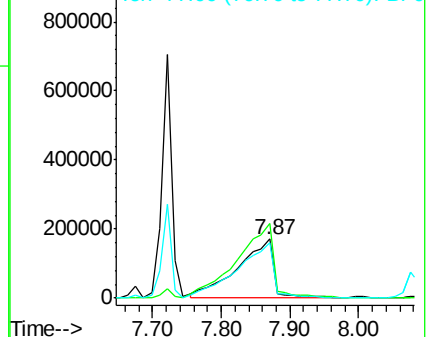
77 94.5 74.5 114.5

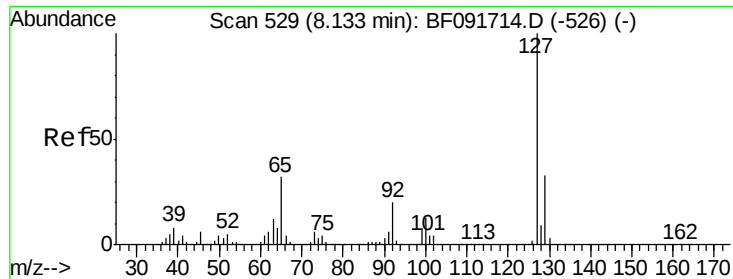


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

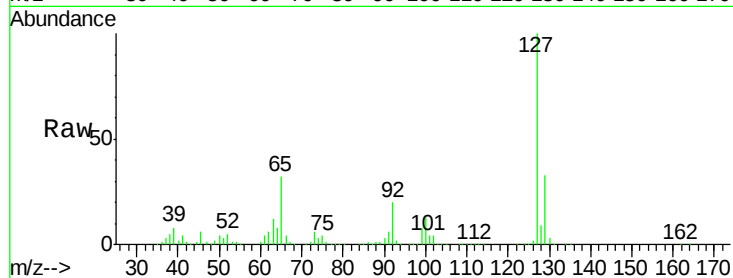




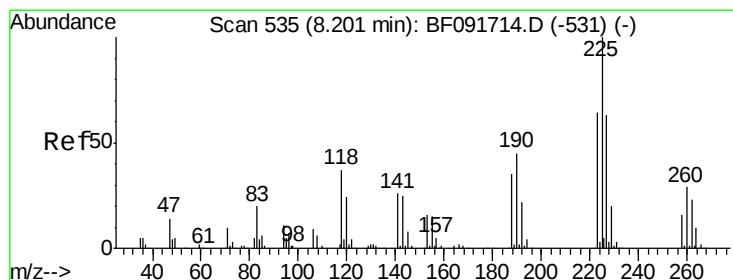
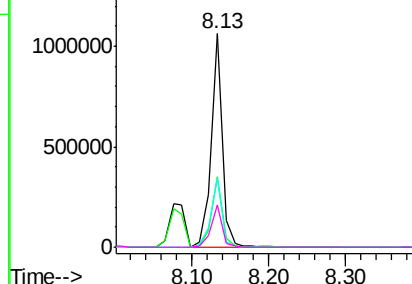
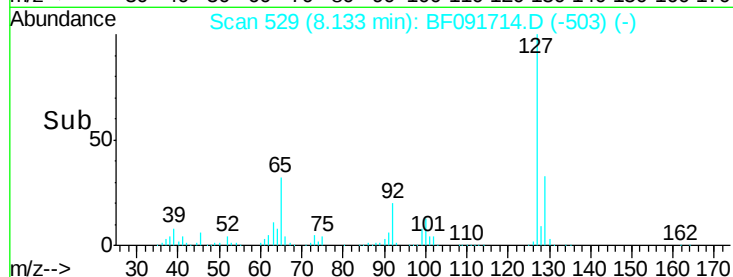
#33
4-Chloroaniline
Concen: 41.67 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	127	Resp:	1041081
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	32.3	25.8	38.8
92	20.1	16.1	24.1

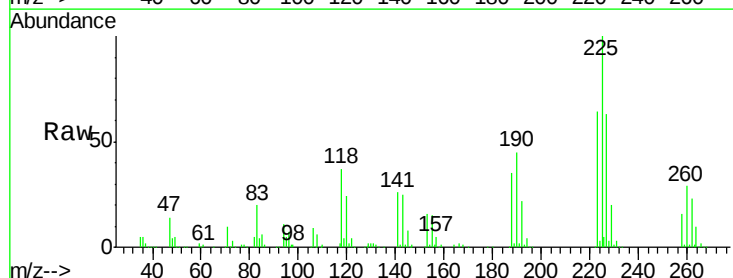


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

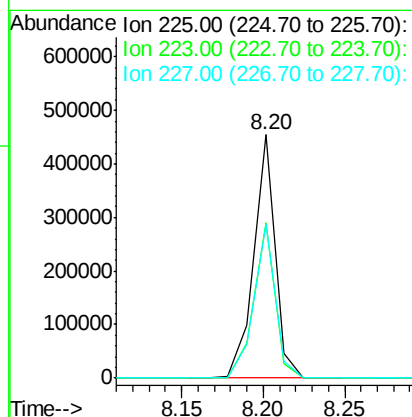
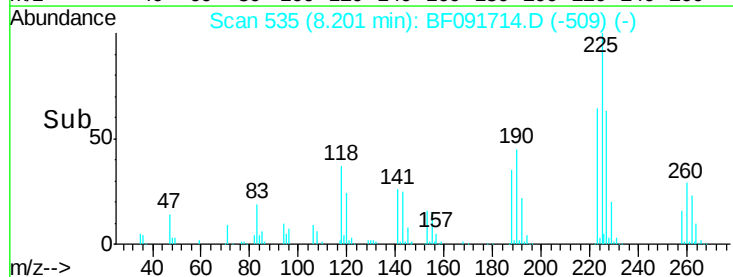


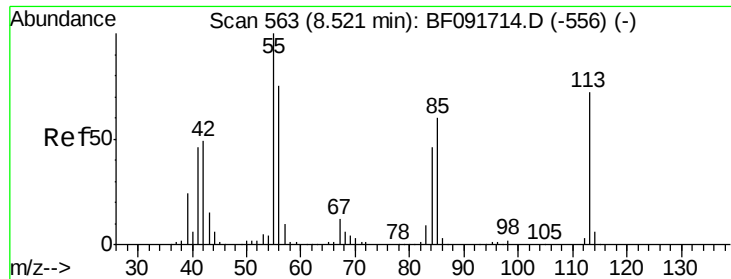
#34
Hexachlorobutadiene
Concen: 40.43 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:	225	Resp:	412860
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	63.3	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

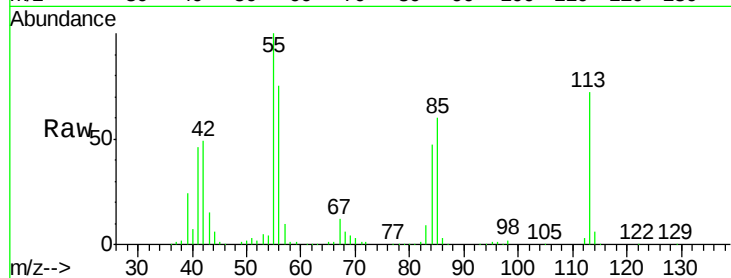




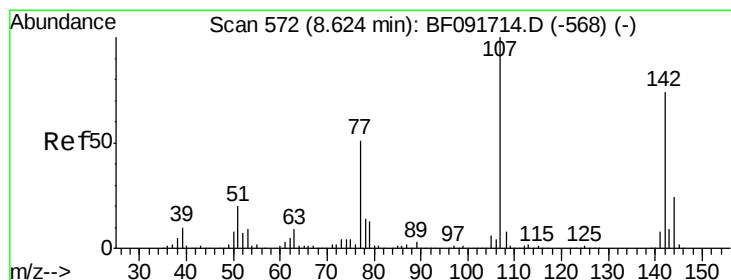
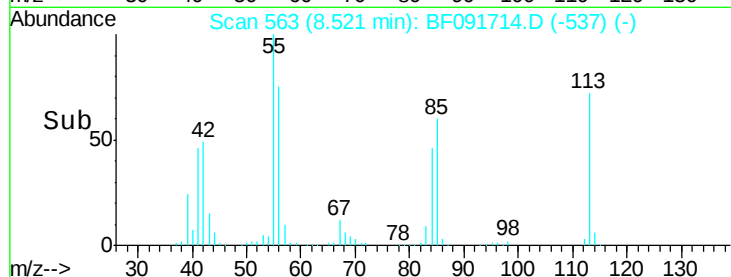
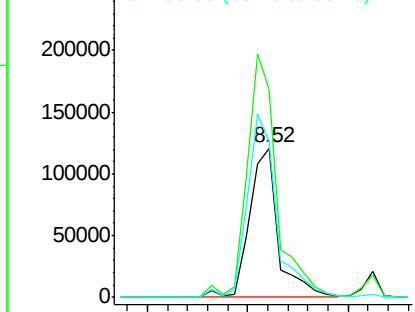
#35
Caprolactam
Concen: 49.51 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 238715
Ion Ratio Lower Upper
113 100
55 139.2 119.2 159.2
56 103.8 83.8 123.8

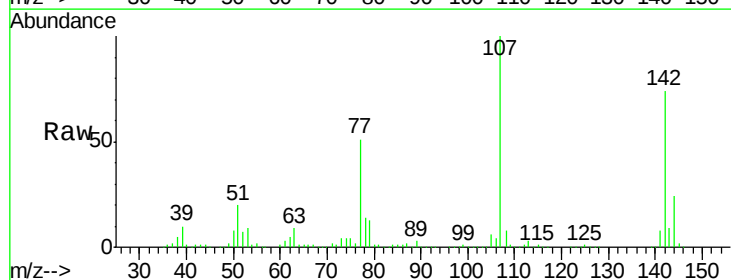


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

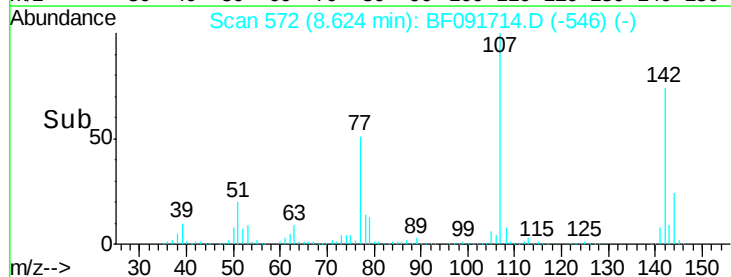
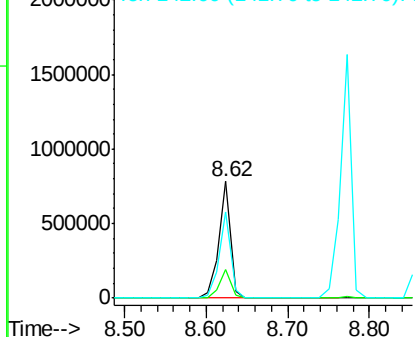


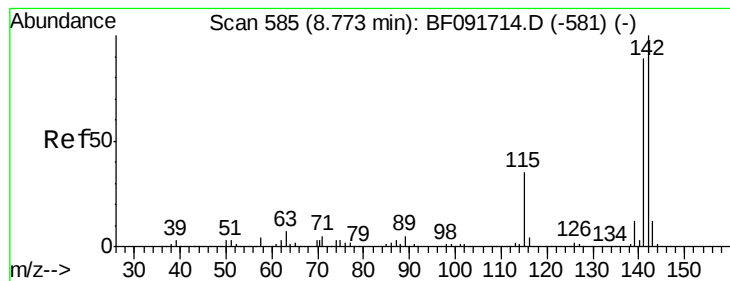
#36
4-Chloro-3-methylphenol
Concen: 43.55 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:107 Resp: 773485
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 73.8 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.57 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

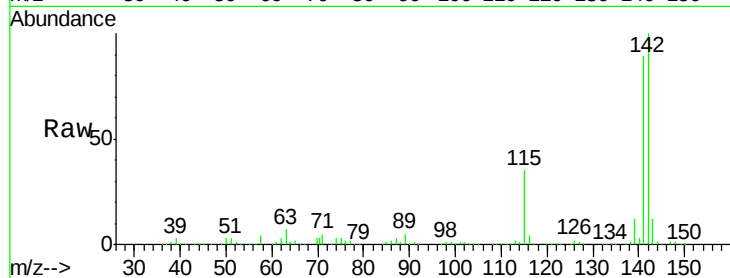
Tgt Ion:142 Resp: 1558840

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

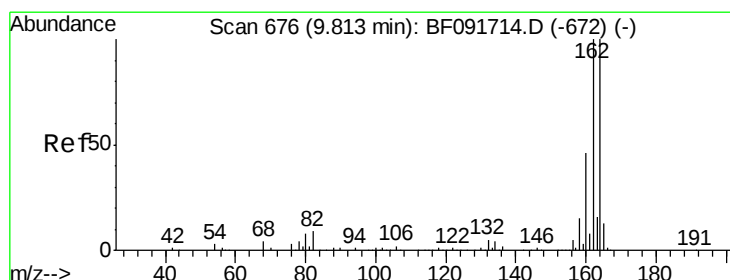
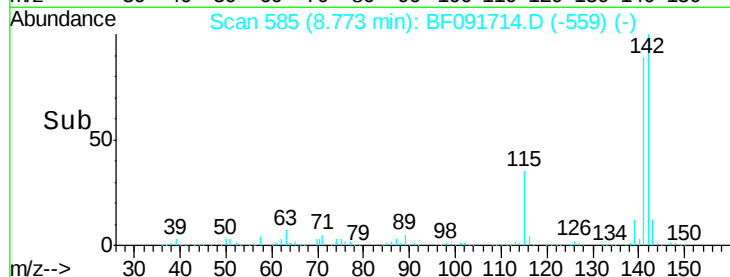
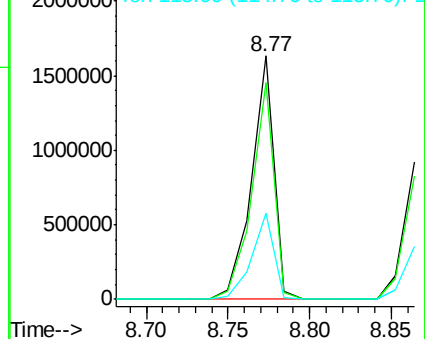
115 35.4 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

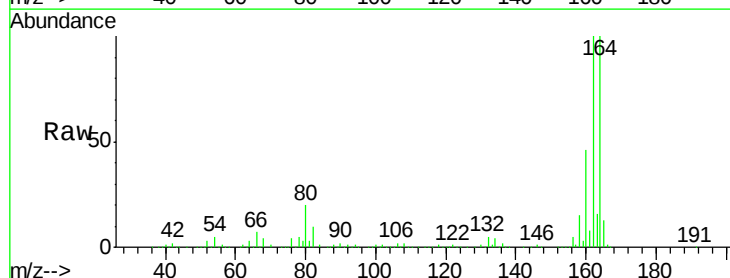
Tgt Ion:164 Resp: 662434

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

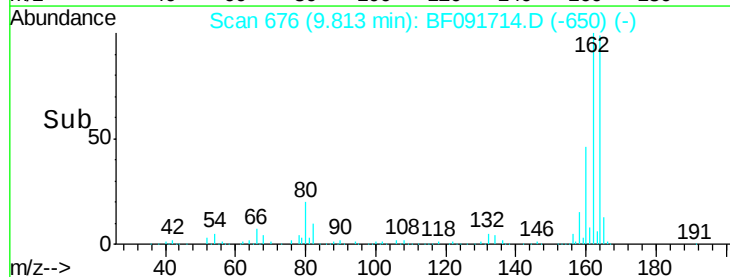
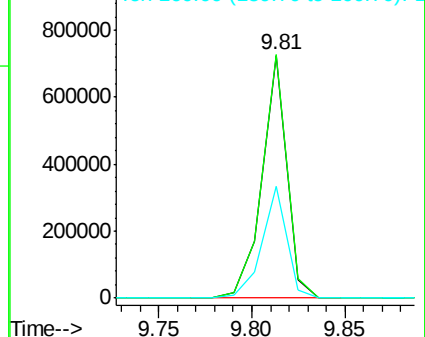
160 46.1 36.9 55.3

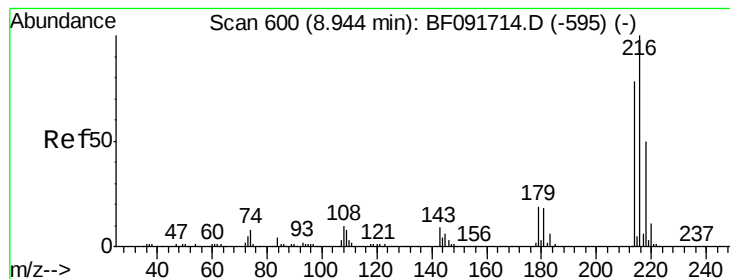


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.38 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:216 Resp: 683640

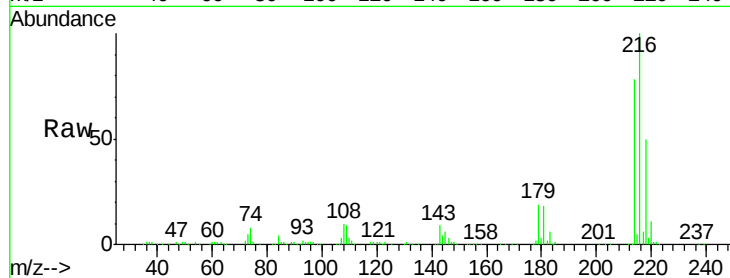
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 21.8 17.4 26.2

108 19.5 15.6 23.4

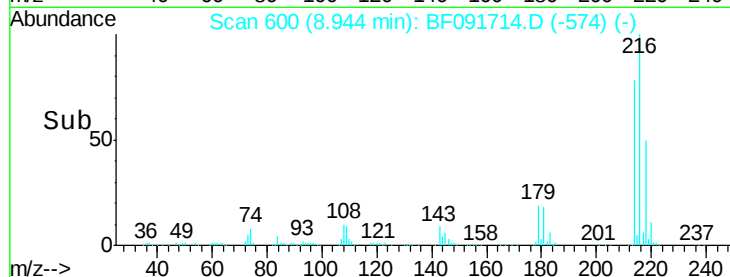


Abundance Ion 216.00 (215.70 to 216.70): E

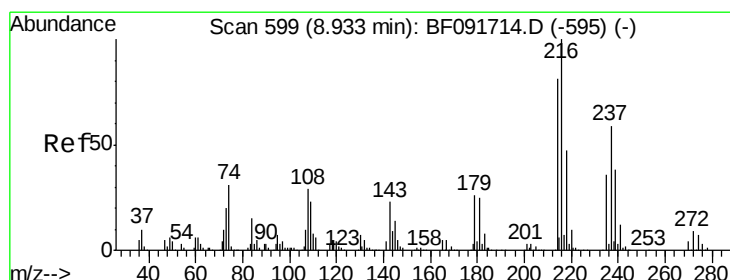
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.85 8.90 8.95 9.00



#40

Hexachlorocyclopentadiene

Concen: 40.00 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

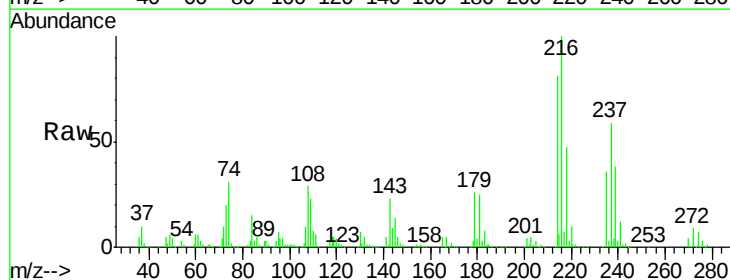
Tgt Ion:237 Resp: 323226

Ion Ratio Lower Upper

237 100

235 61.2 41.2 81.2

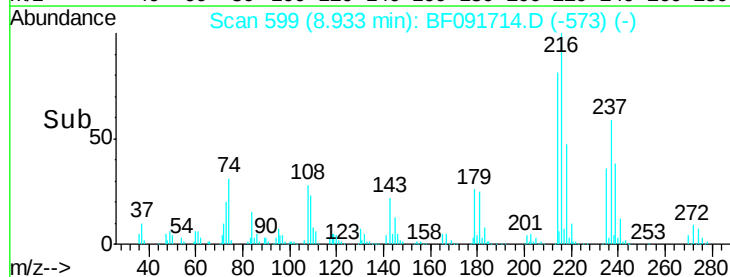
272 15.4 0.0 35.4



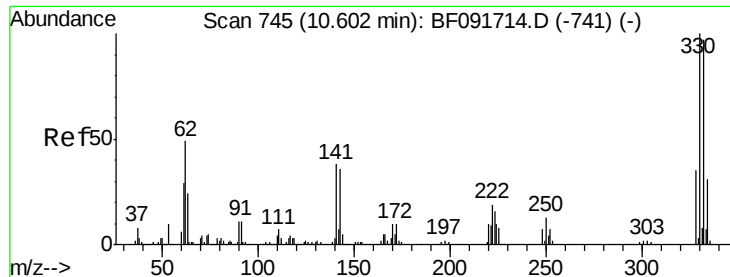
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



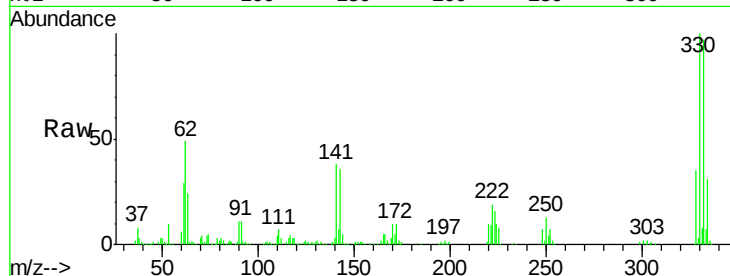
Time--> 8.85 8.90 8.95



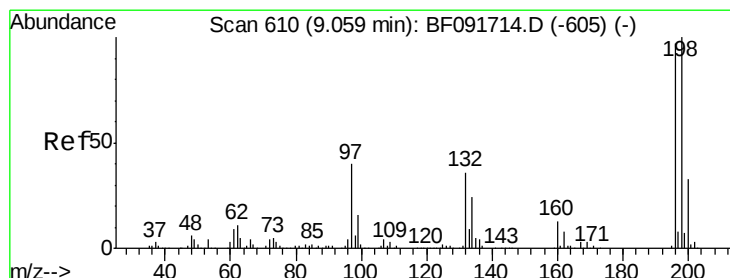
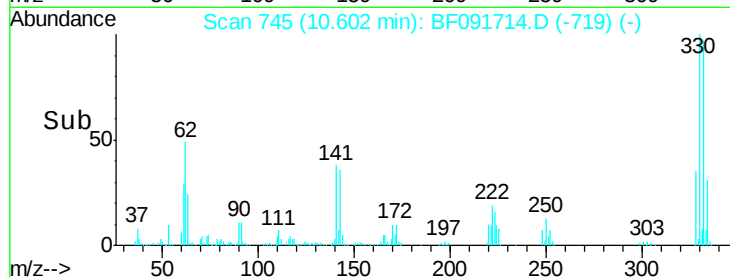
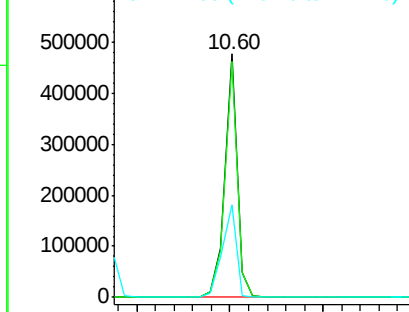
#41
 2,4,6-Tribromophenol
 Concen: 79.58 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:330 Resp: 439871
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 42.6 34.1 51.1

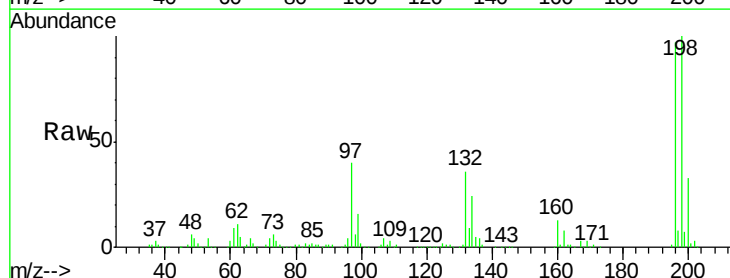


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

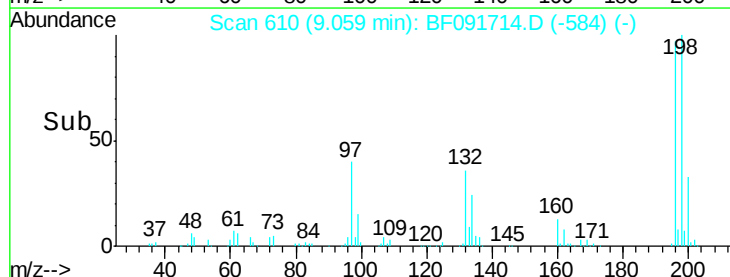
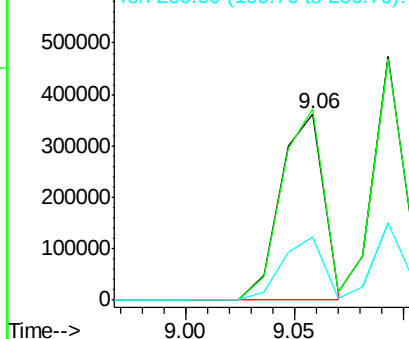


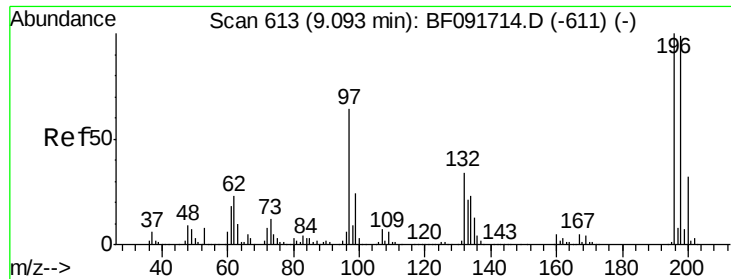
#42
 2,4,6-Trichlorophenol
 Concen: 42.71 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion:196 Resp: 499139
 Ion Ratio Lower Upper
 196 100
 198 102.6 82.1 123.1
 200 33.7 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

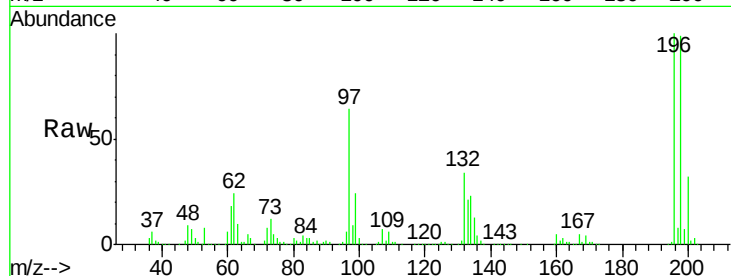




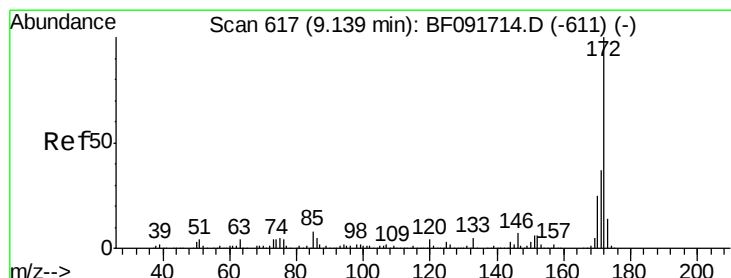
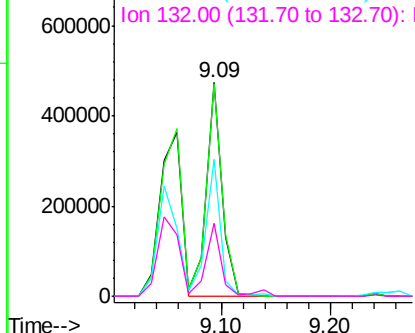
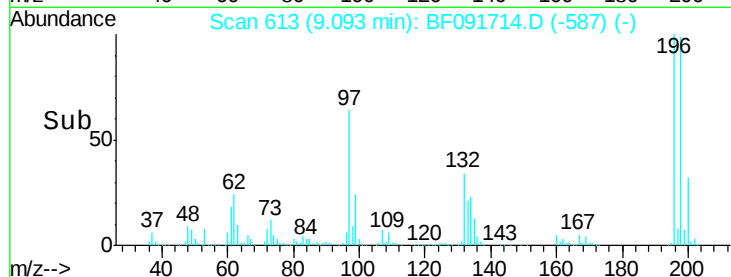
#43
 2,4,5-Trichlorophenol
 Concen: 39.49 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:196 Resp: 478474
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.4 119.2
 97 64.4 51.5 77.3
 132 34.3 27.4 41.2

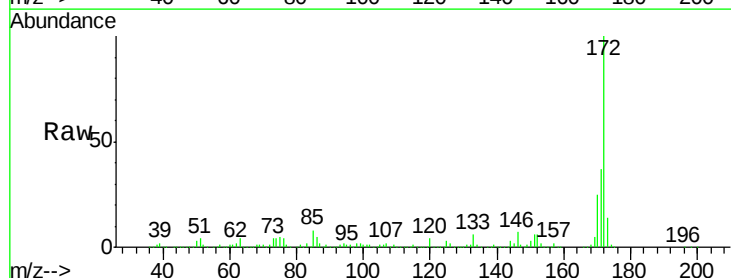


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

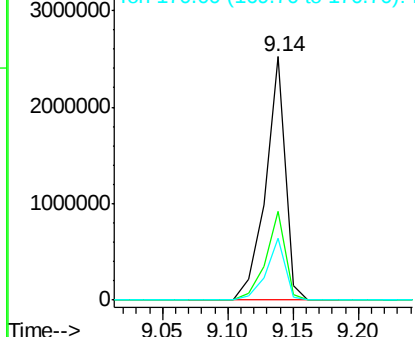
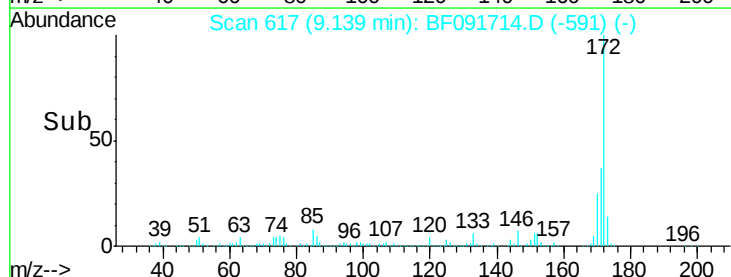


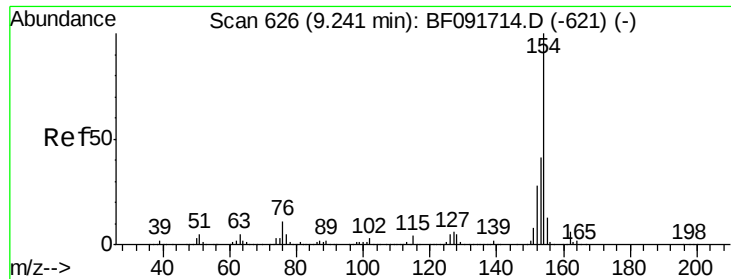
#44
 2-Fluorobiphenyl
 Concen: 70.78 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion:172 Resp: 2661320
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.3 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

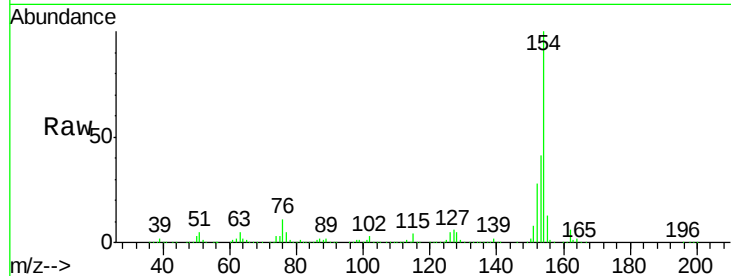




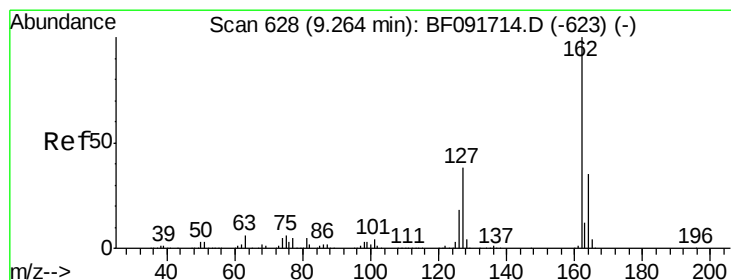
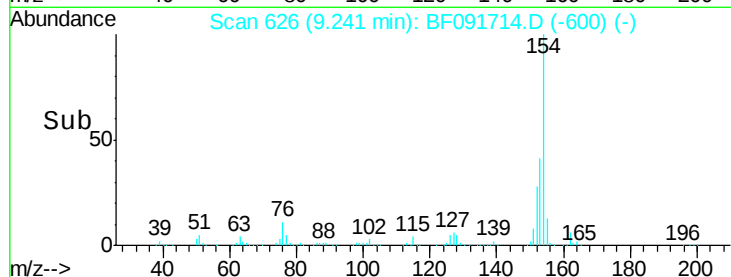
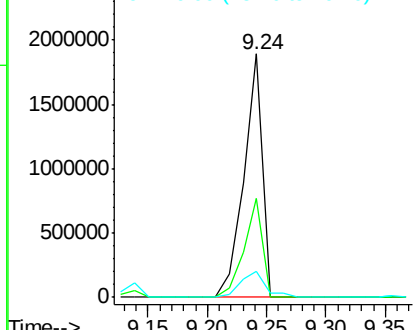
#45
 1,1'-Biphenyl
 Concen: 41.52 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:154 Resp: 2036056
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 10.5 0.0 30.5

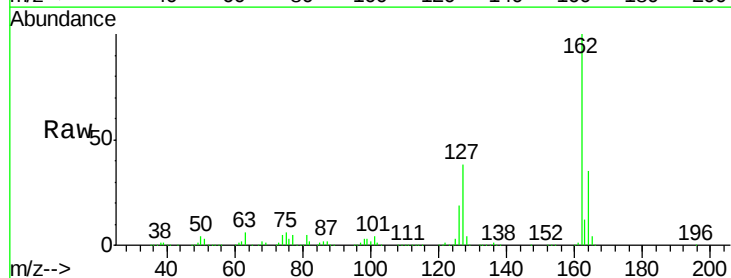


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

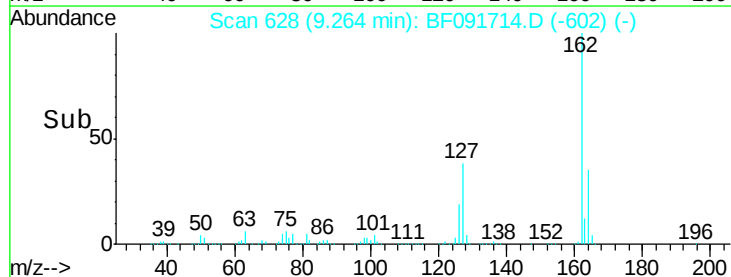
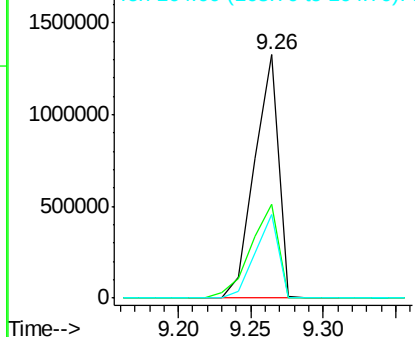


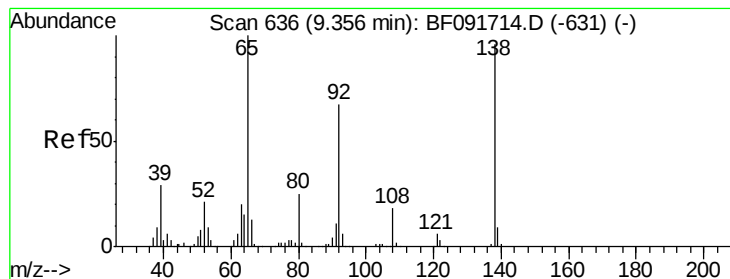
#46
 2-Chloronaphthalene
 Concen: 40.36 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion:162 Resp: 1520709
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.7 46.1
 164 34.5 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.53 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

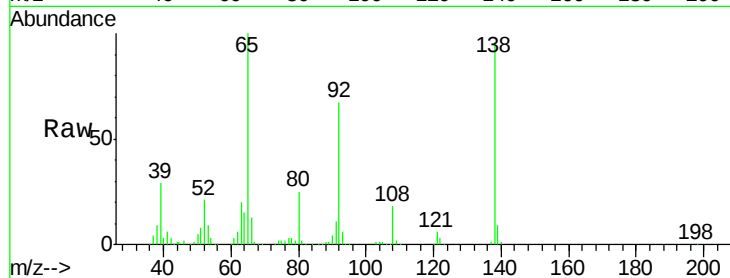
Tgt Ion: 65 Resp: 476009

Ion Ratio Lower Upper

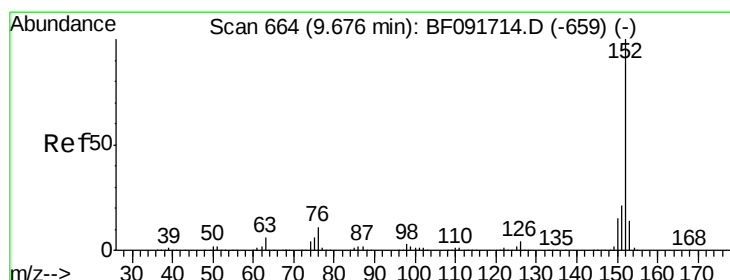
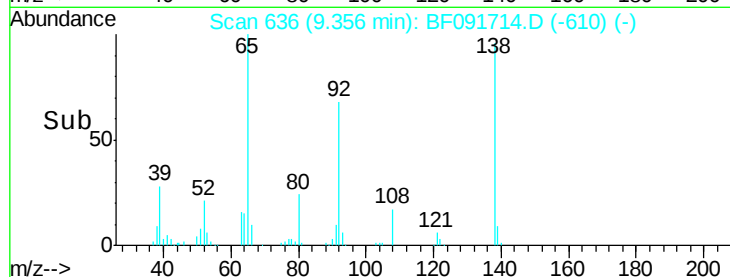
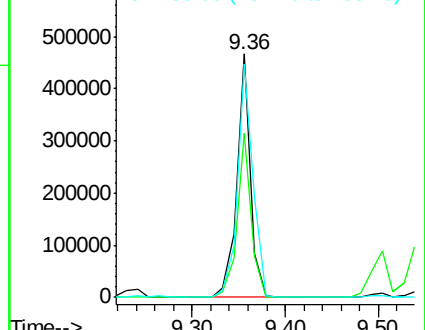
65 100

92 67.4 53.9 80.9

138 96.0 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.36 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

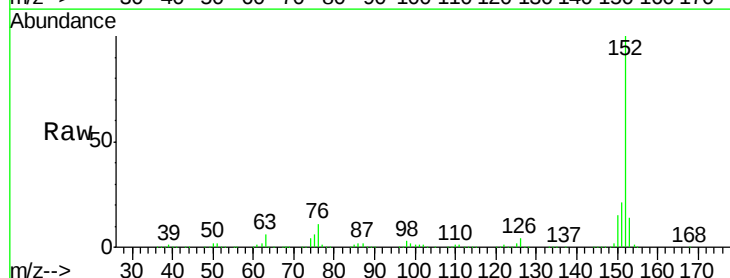
Tgt Ion: 152 Resp: 2242574

Ion Ratio Lower Upper

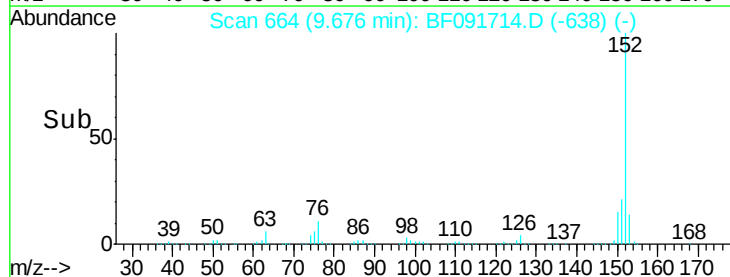
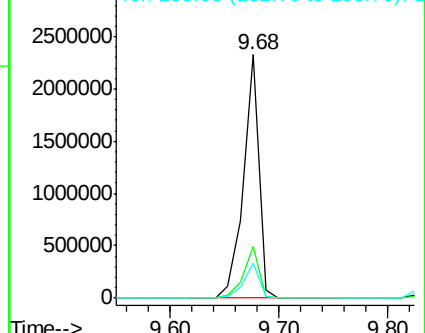
152 100

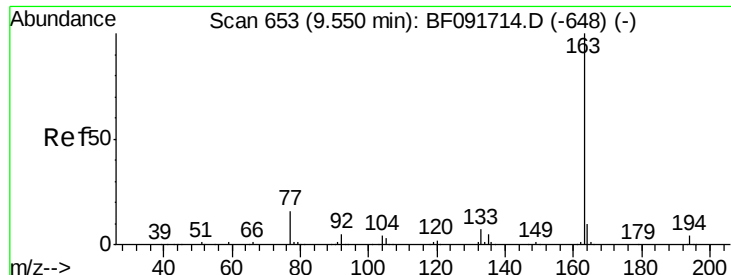
151 21.1 16.9 25.3

153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

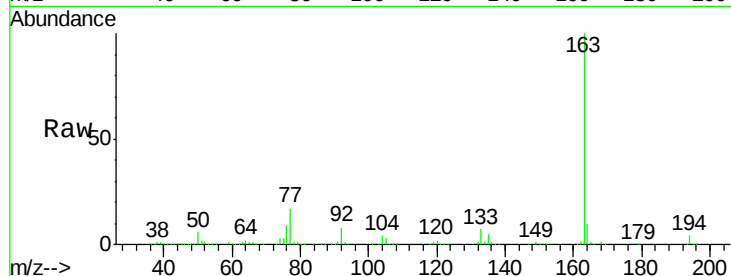




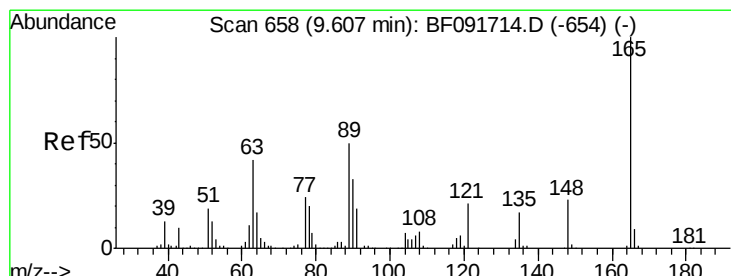
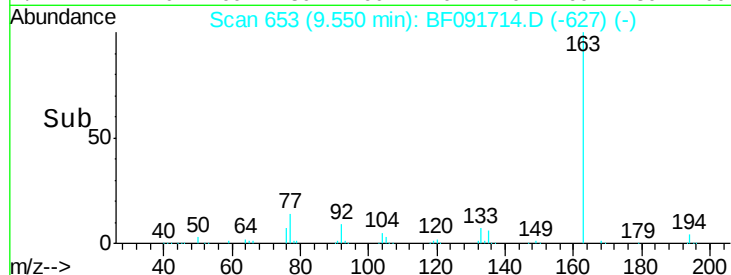
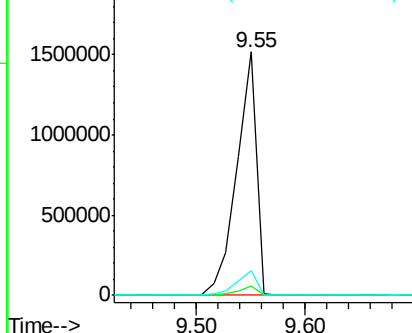
#49
Dimethylphthalate
Concen: 44.08 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:163 Resp: 1873576
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.0 8.0 12.0

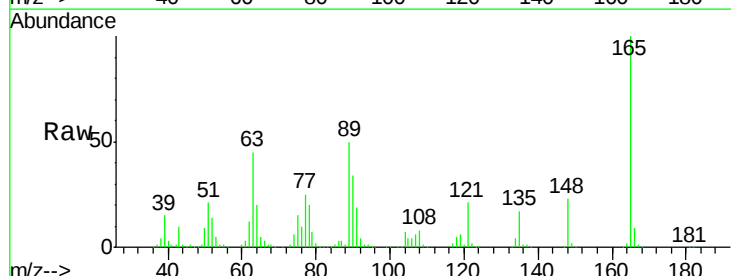


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

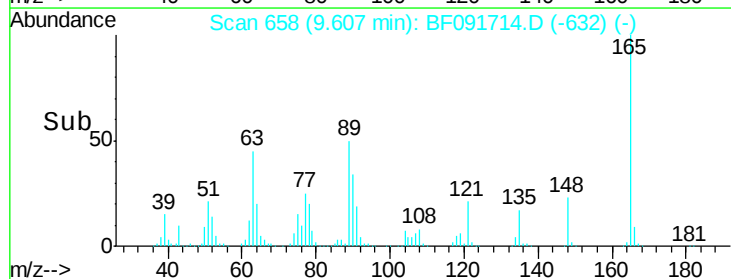
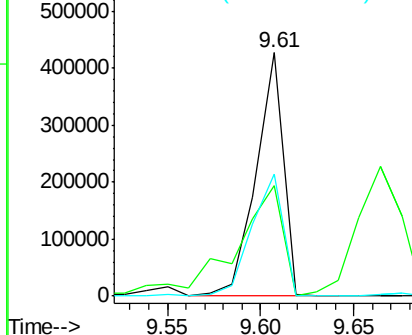


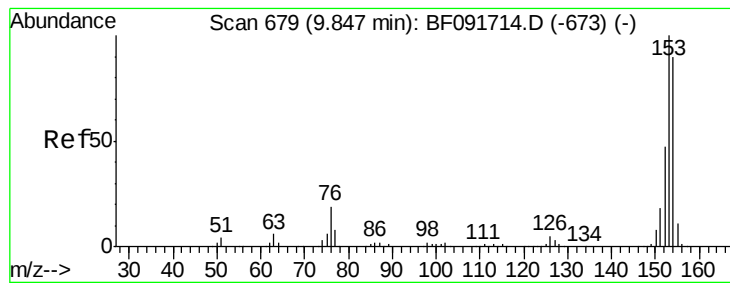
#50
2,6-Dinitrotoluene
Concen: 46.16 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:165 Resp: 432554
Ion Ratio Lower Upper
165 100
63 45.3 36.2 54.4
89 50.3 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.21 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

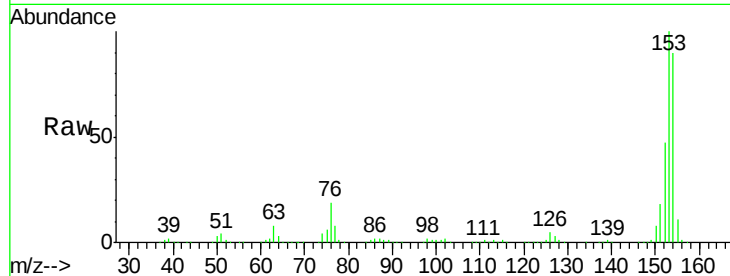
Tgt Ion:154 Resp: 1550265

Ion Ratio Lower Upper

154 100

153 110.8 88.6 133.0

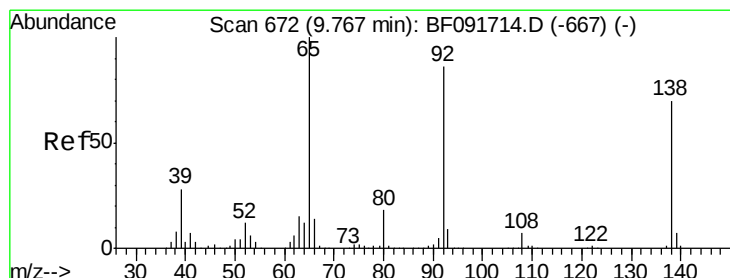
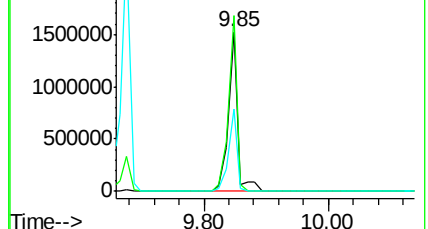
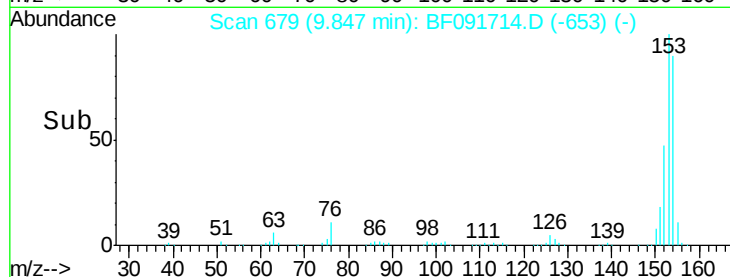
152 52.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.58 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

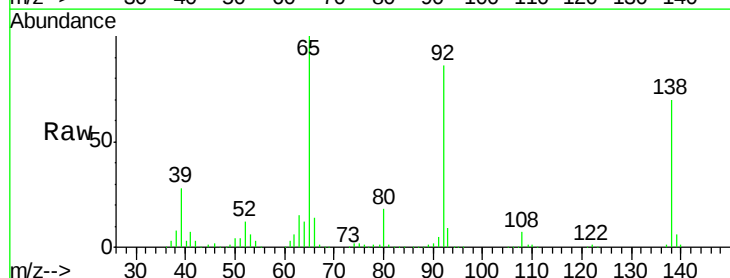
Tgt Ion:138 Resp: 486195

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

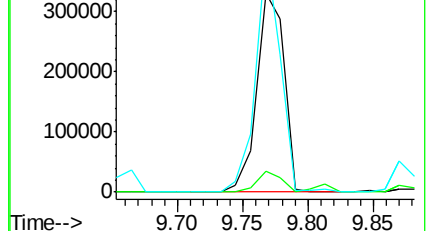
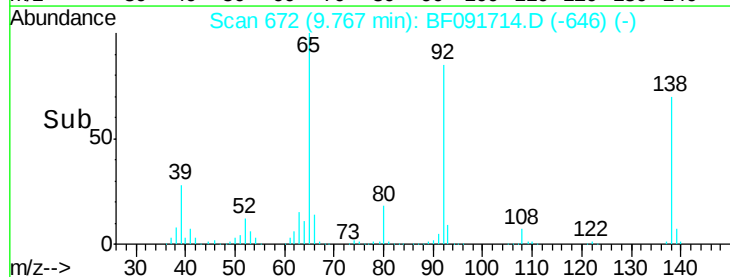
92 122.3 97.8 146.8

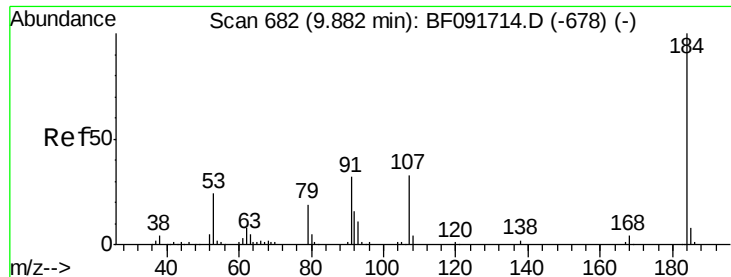


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

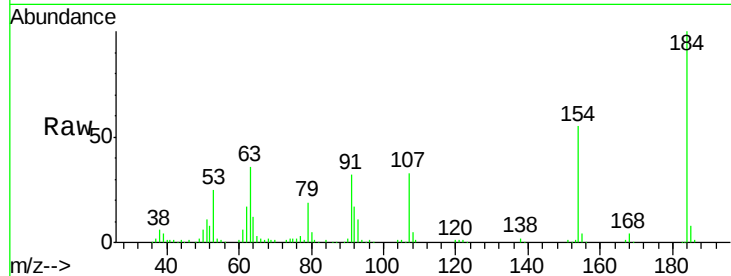




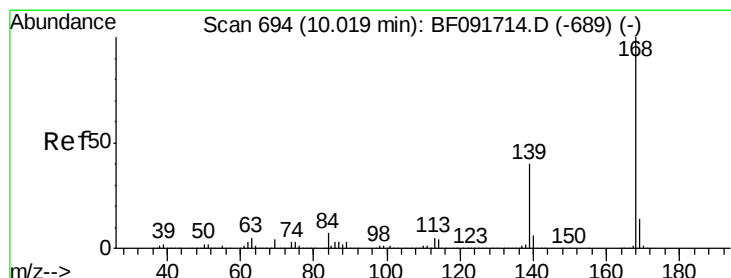
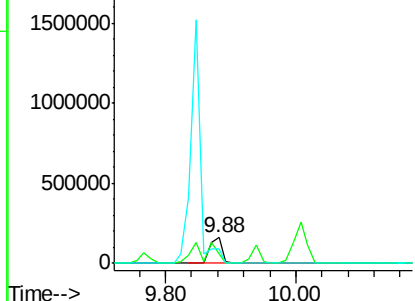
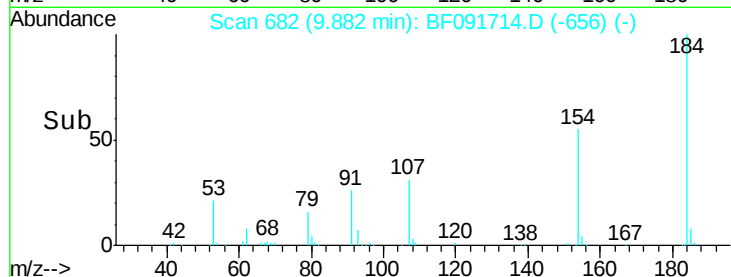
#53
2,4-Dinitrophenol
Concen: 60.48 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 223717
Ion Ratio Lower Upper
184 100
63 35.5 28.4 42.6
154 55.4 44.3 66.5

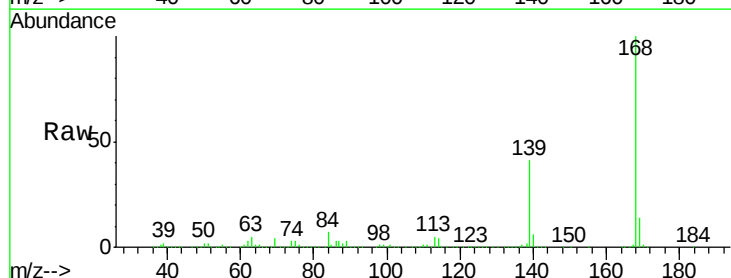


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

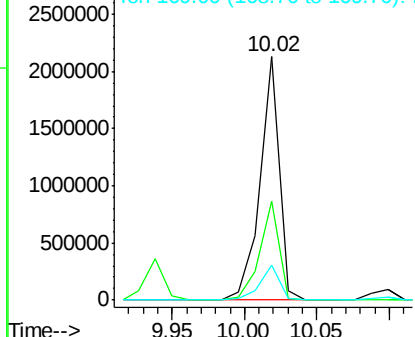
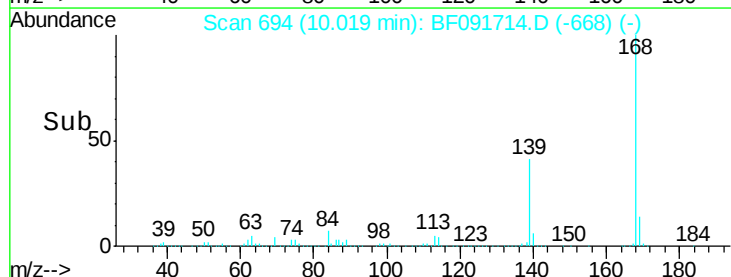


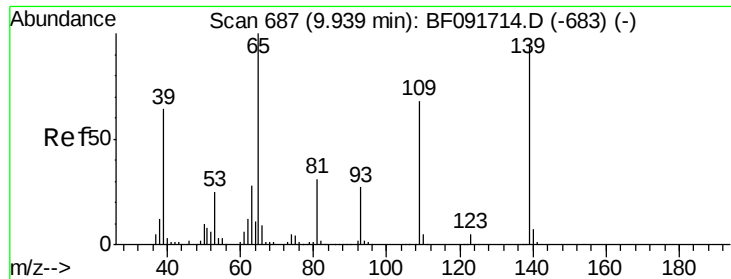
#54
Dibenzofuran
Concen: 39.84 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:168 Resp: 1952297
Ion Ratio Lower Upper
168 100
139 40.8 32.6 49.0
169 14.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 42.49 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

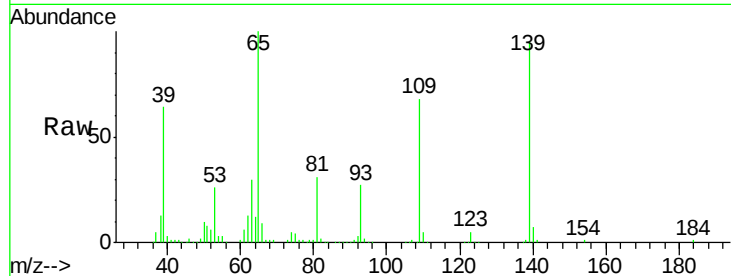
Tgt Ion:139 Resp: 335954

Ion Ratio Lower Upper

139 100

109 72.2 52.2 92.2

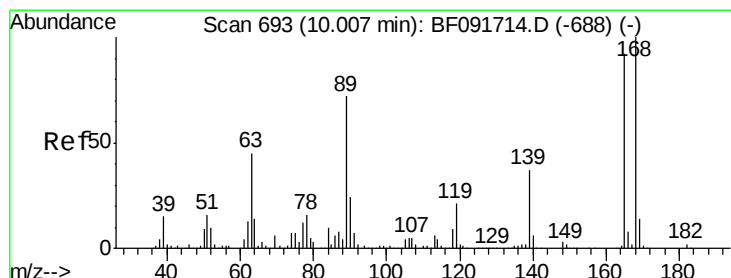
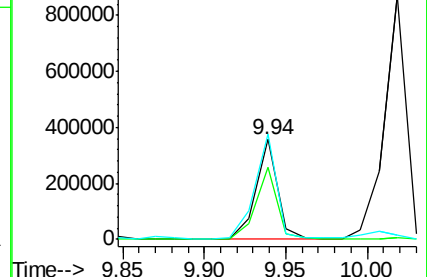
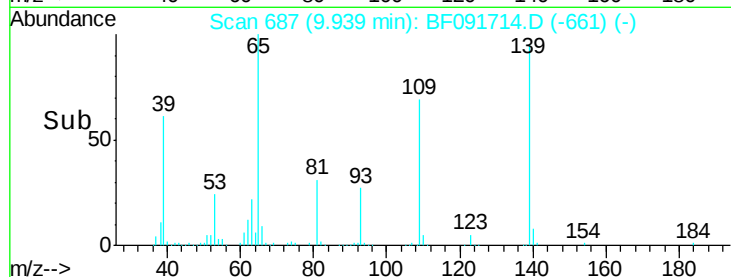
65 105.8 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.75 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Tgt Ion:165 Resp: 531773

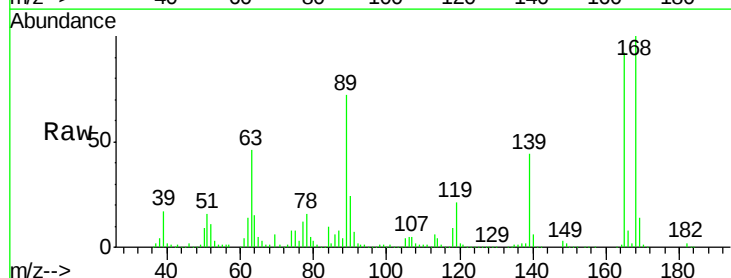
Ion Ratio Lower Upper

165 100

63 50.3 40.2 60.4

89 78.1 62.5 93.7

182 2.3 1.8 2.8

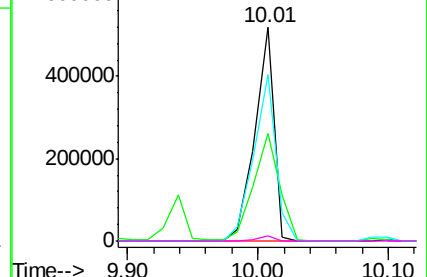
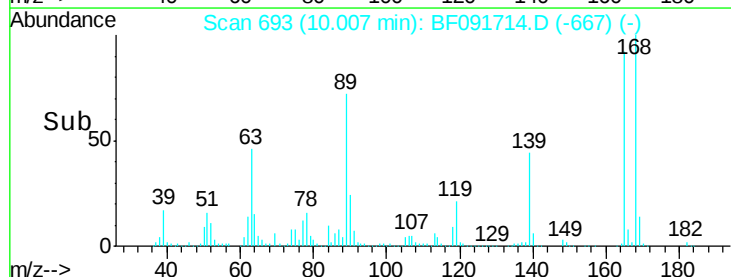


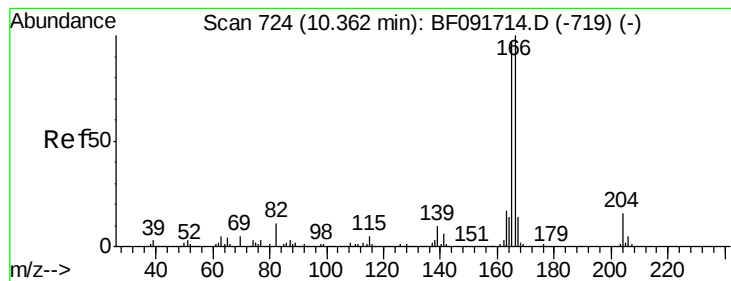
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.88 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

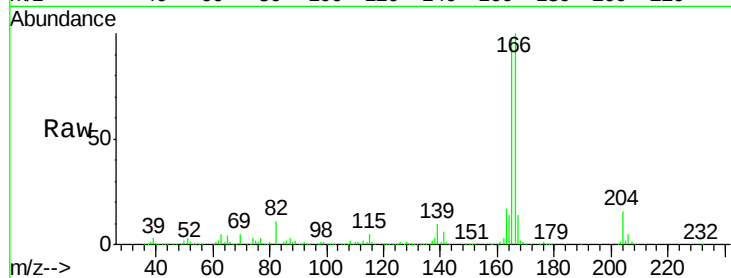
Tgt Ion:166 Resp: 1568924

Ion Ratio Lower Upper

166 100

165 97.3 77.8 116.8

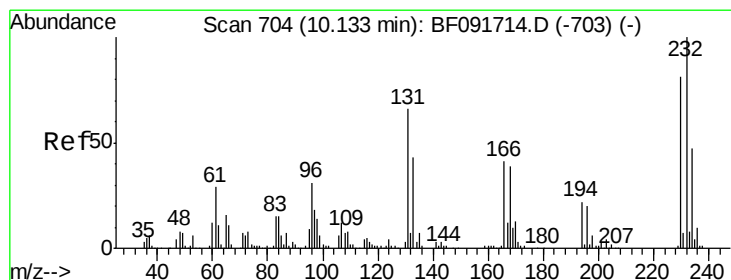
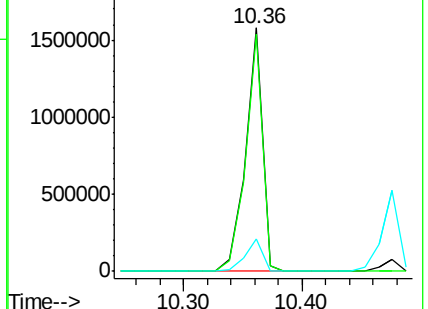
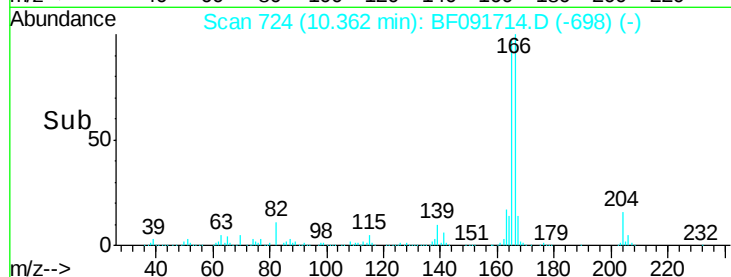
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.43 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Tgt Ion:232 Resp: 388105

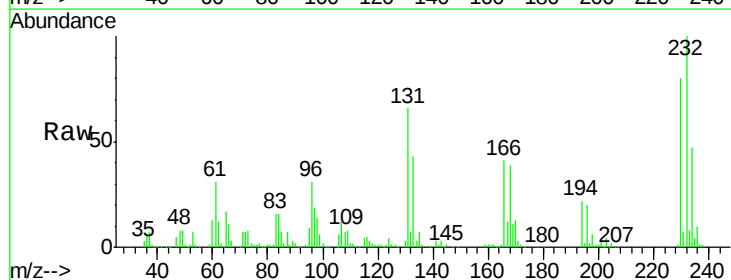
Ion Ratio Lower Upper

232 100

131 50.1 40.1 60.1

130 2.3 1.8 2.8

166 33.2 26.6 39.8

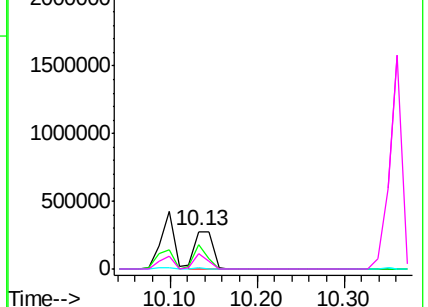
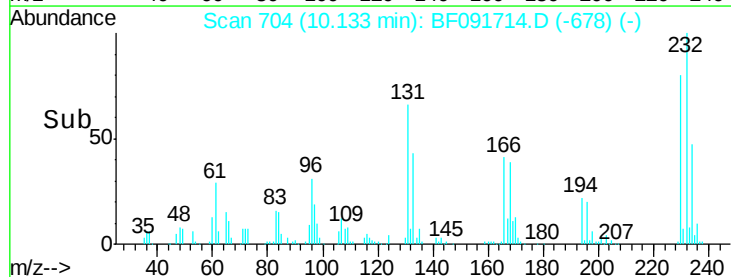


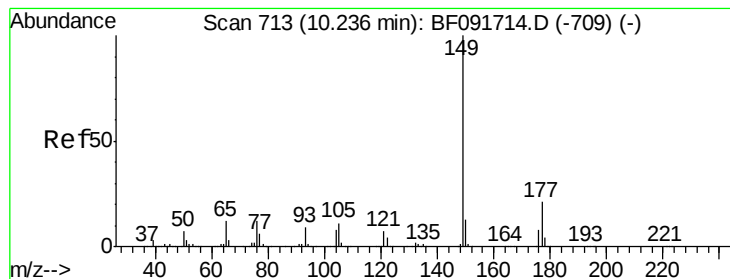
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.59 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

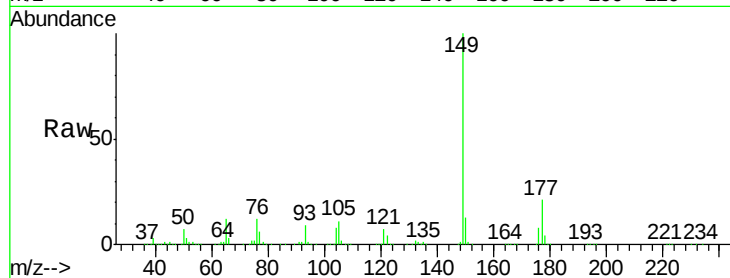
Tgt Ion:149 Resp: 1729622

Ion Ratio Lower Upper

149 100

177 20.8 16.6 25.0

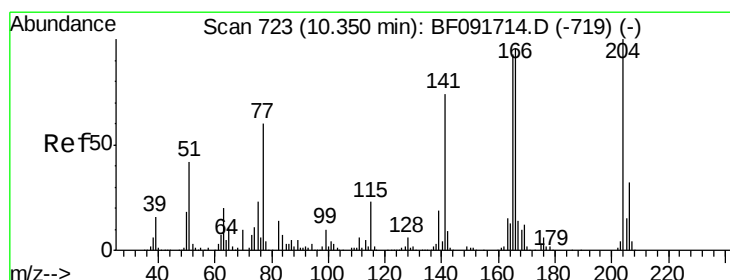
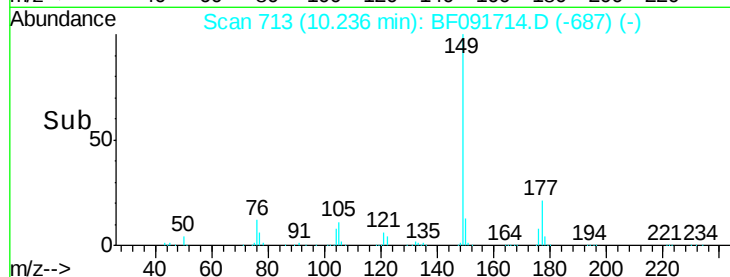
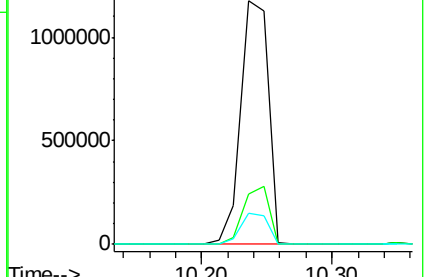
150 13.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.95 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

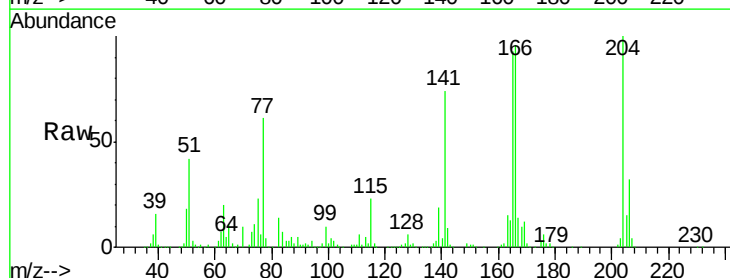
Tgt Ion:204 Resp: 639303

Ion Ratio Lower Upper

204 100

206 32.2 25.8 38.6

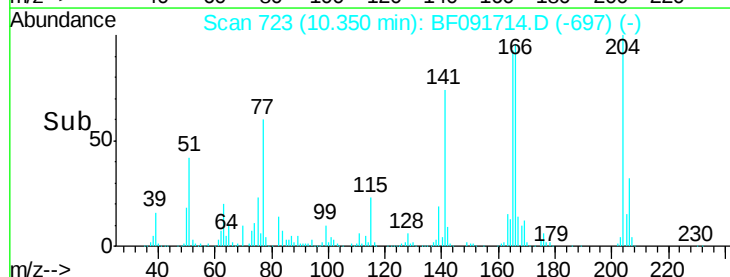
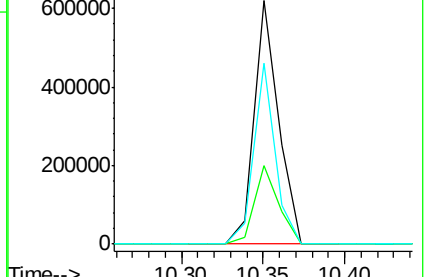
141 74.2 59.4 89.0

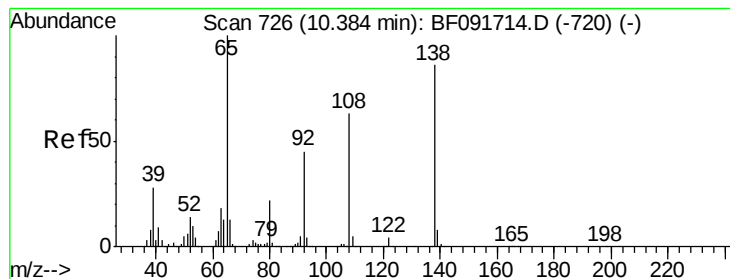


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.93 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

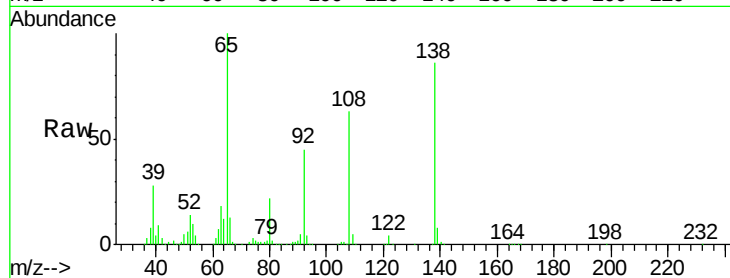
Tgt Ion:138 Resp: 447223

Ion Ratio Lower Upper

138 100

92 51.7 31.7 71.7

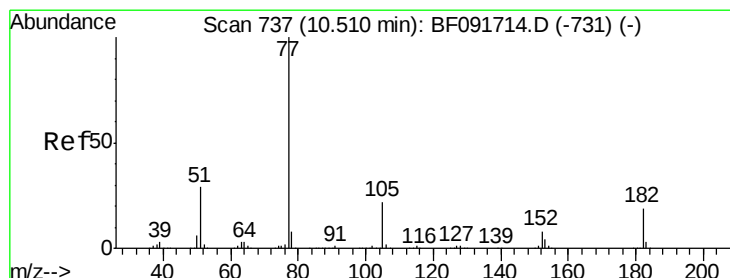
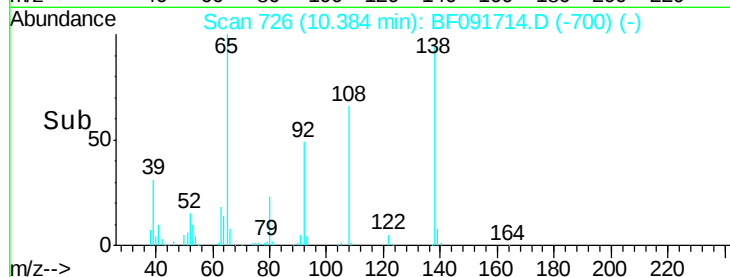
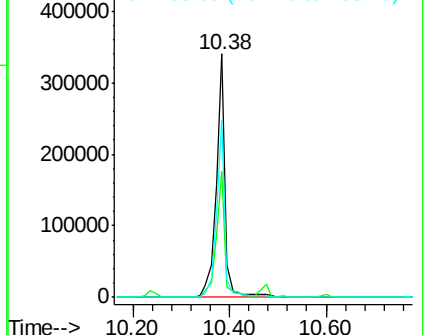
108 72.6 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.60 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Tgt Ion: 77 Resp: 1797378

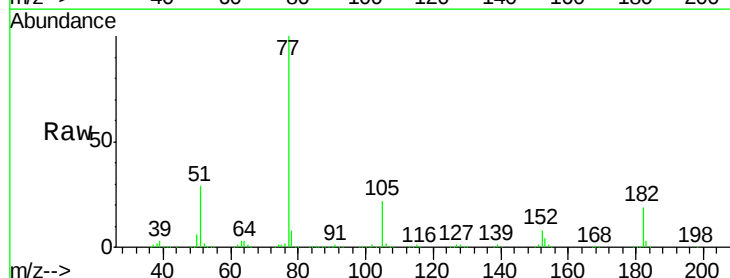
Ion Ratio Lower Upper

77 100

182 19.3 0.0 39.3

105 22.3 2.3 42.3

51 28.9 8.9 48.9

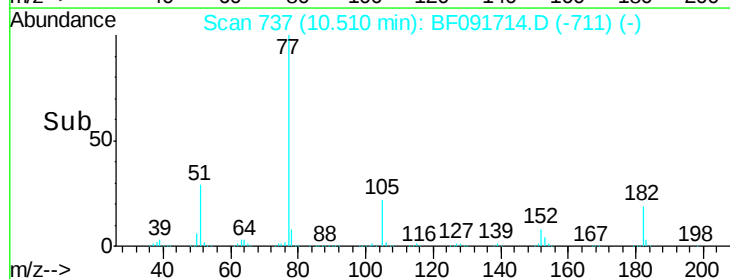
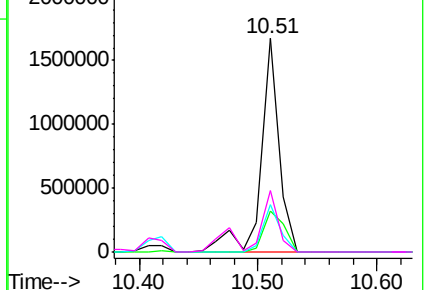


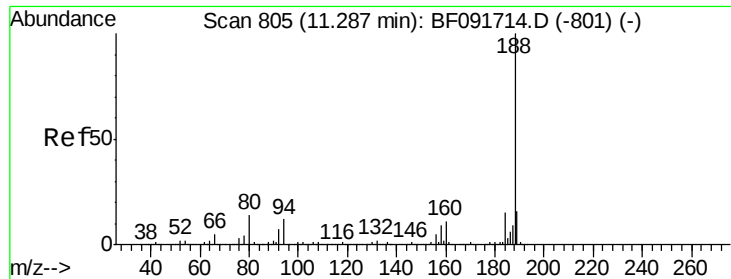
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

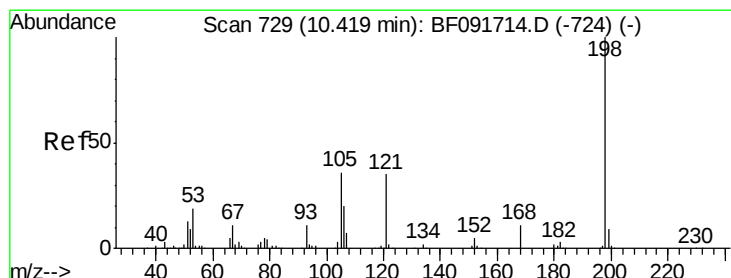
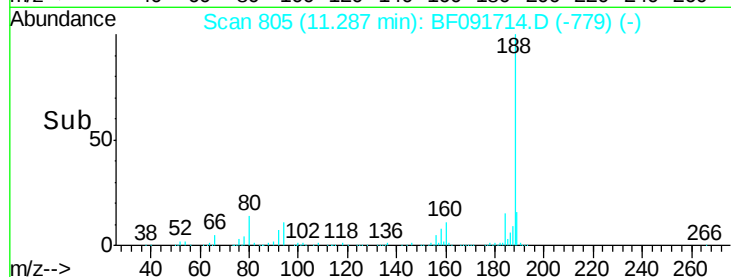
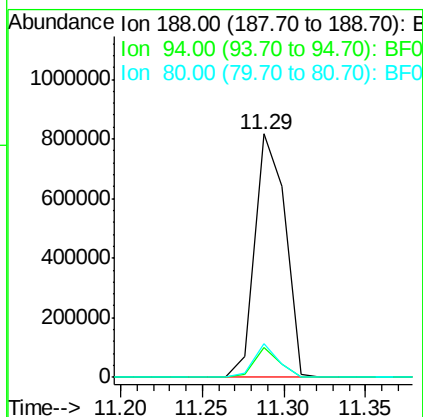
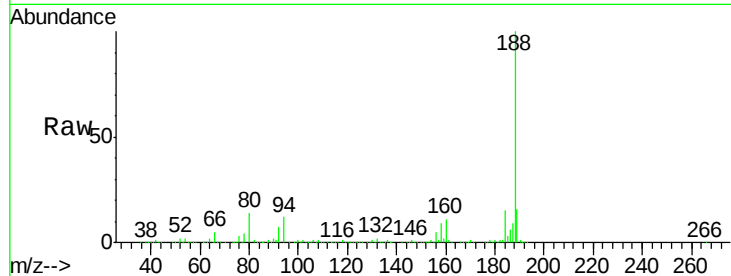




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

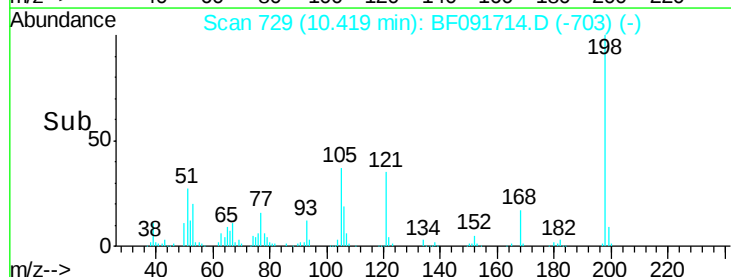
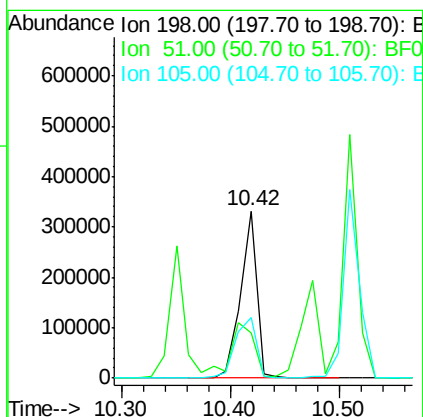
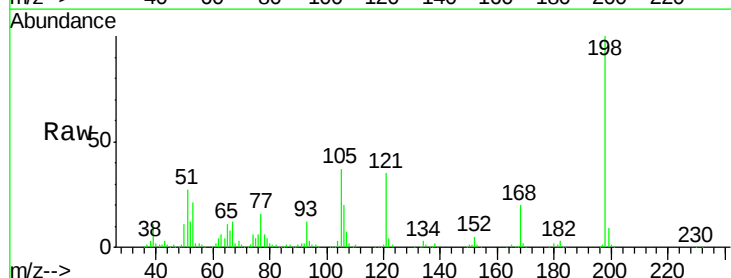
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

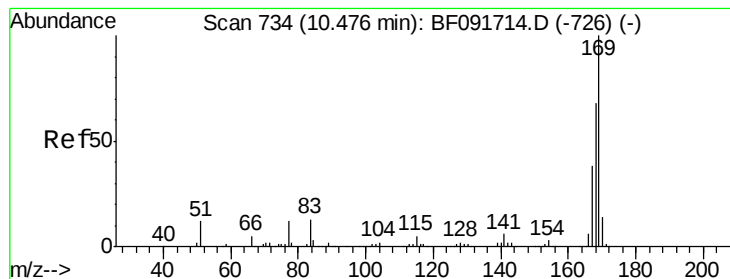
Tgt Ion:188 Resp: 1058540
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 14.0 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 59.82 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:198 Resp: 338534
Ion Ratio Lower Upper
198 100
51 26.7 6.7 46.7
105 36.6 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 42.51 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

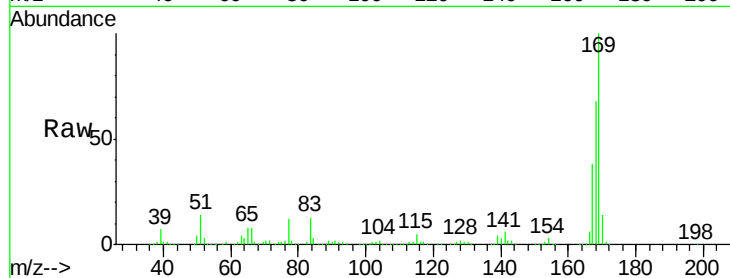
Tgt Ion:169 Resp: 1374335

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

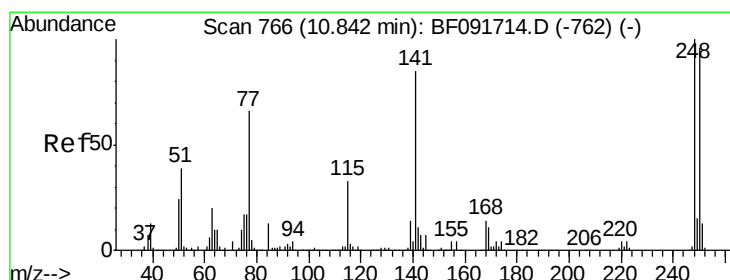
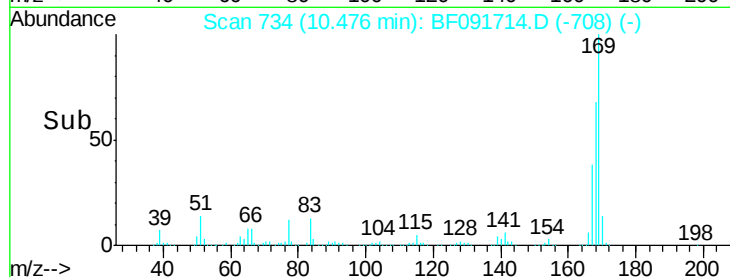
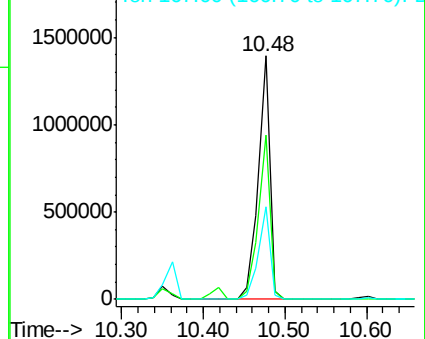
167 37.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.06 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

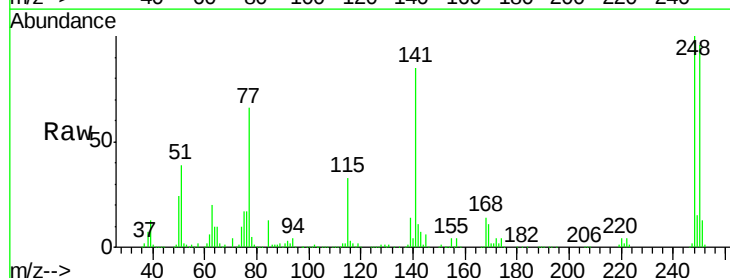
Tgt Ion:248 Resp: 448670

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

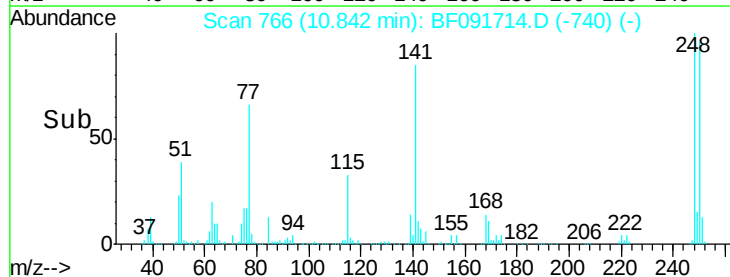
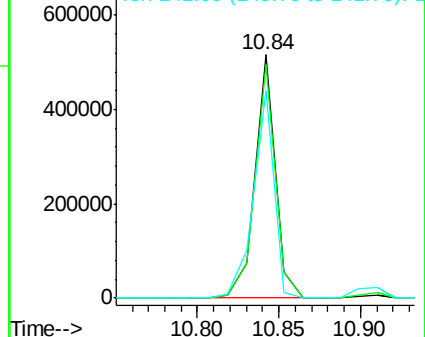
141 85.3 68.2 102.4

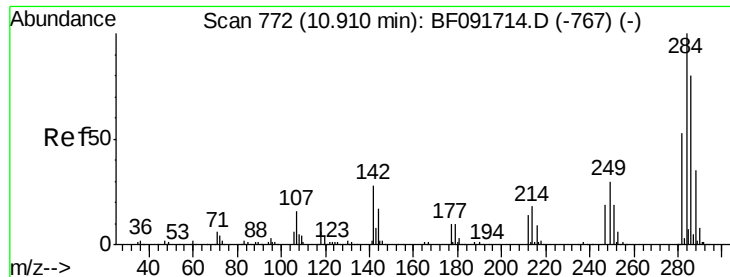


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

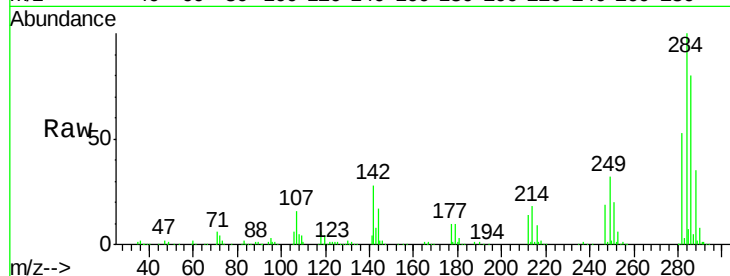




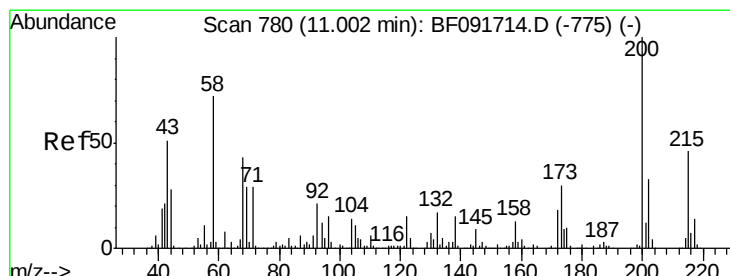
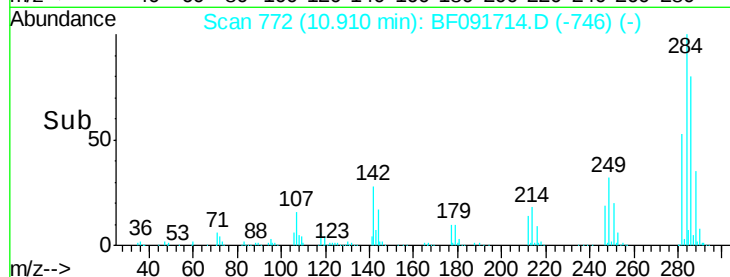
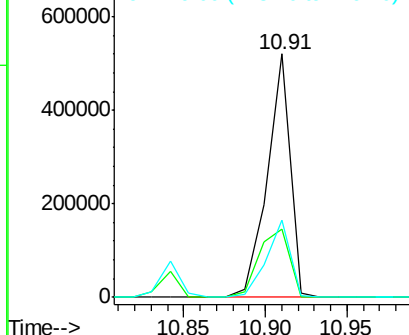
#67
Hexachlorobenzene
Concen: 44.09 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:284 Resp: 511775
Ion Ratio Lower Upper
284 100
142 28.2 22.6 33.8
249 31.7 25.4 38.0

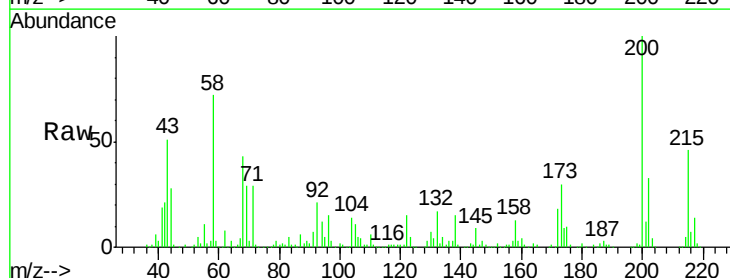


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

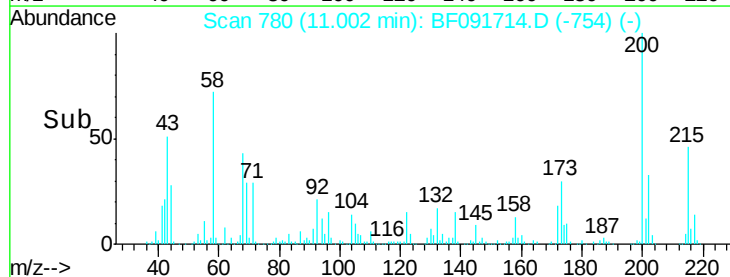
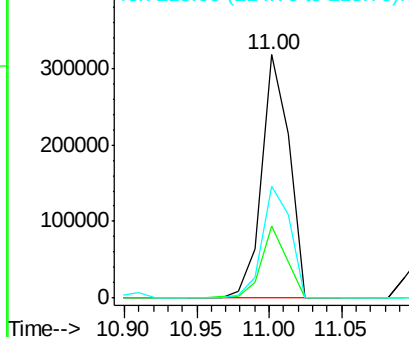


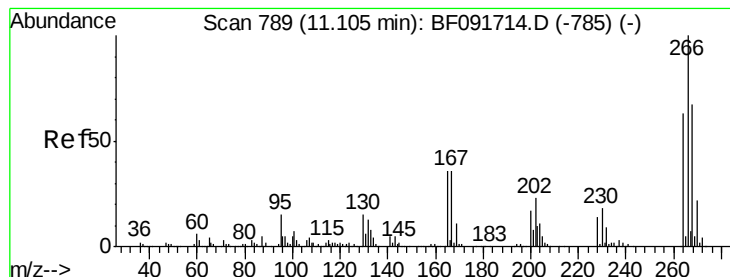
#68
Atrazine
Concen: 40.96 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:200 Resp: 417197
Ion Ratio Lower Upper
200 100
173 29.6 9.6 49.6
215 45.7 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

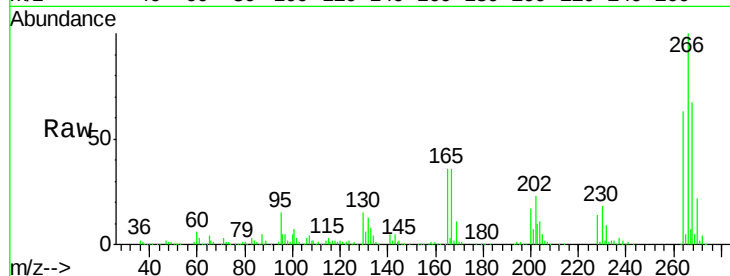




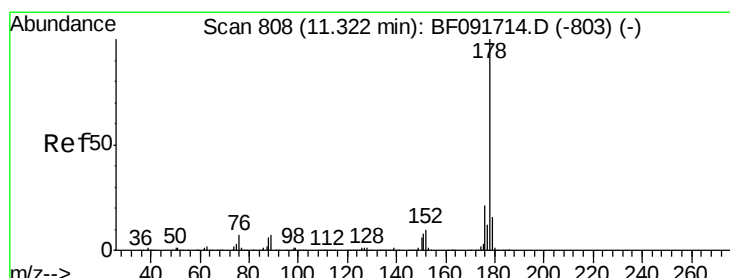
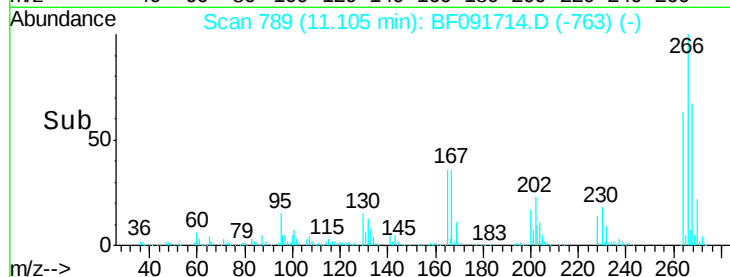
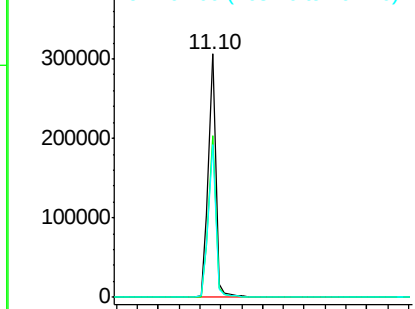
#69
 Pentachlorophenol
 Concen: 47.21 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion: 266 Resp: 308916
 Ion Ratio Lower Upper
 266 100
 268 66.6 53.3 79.9
 264 62.9 50.3 75.5

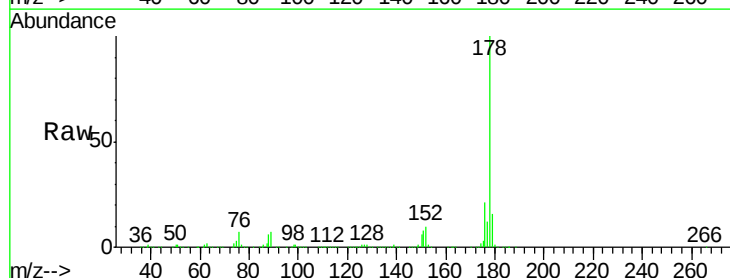


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

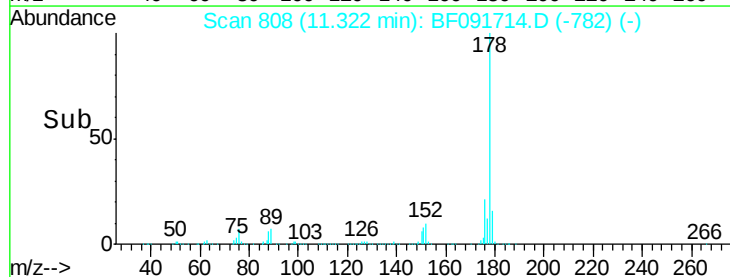
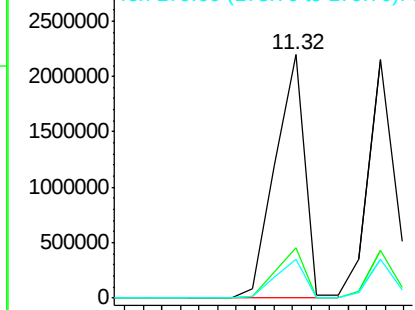


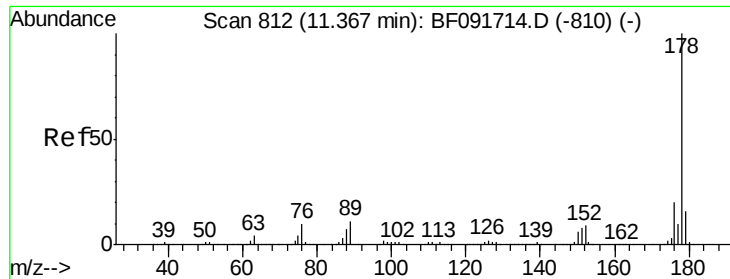
#70
 Phenanthrene
 Concen: 44.55 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion: 178 Resp: 2412886
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.6 25.0
 179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

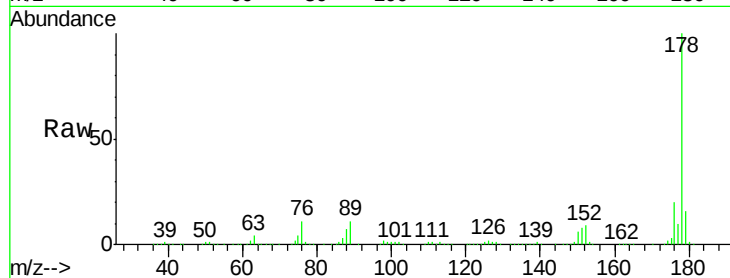




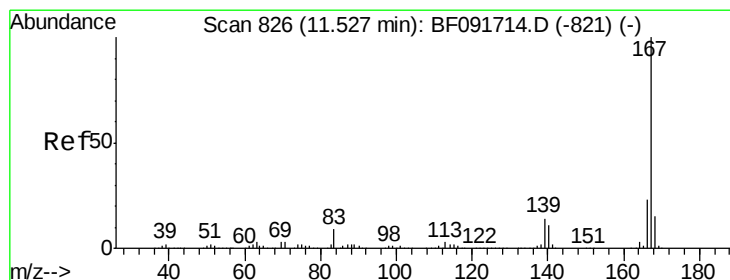
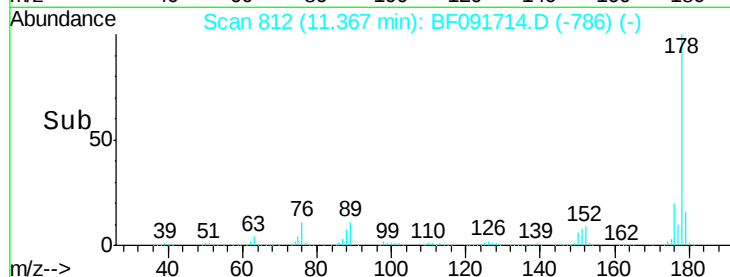
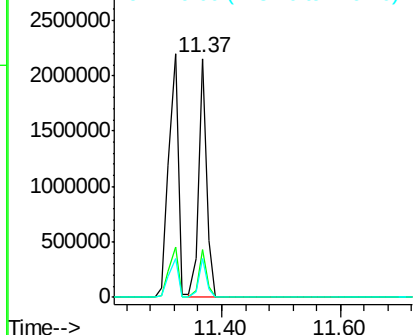
#71
 Anthracene
 Concen: 37.15 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:178 Resp: 2082759
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.5 13.2 19.8

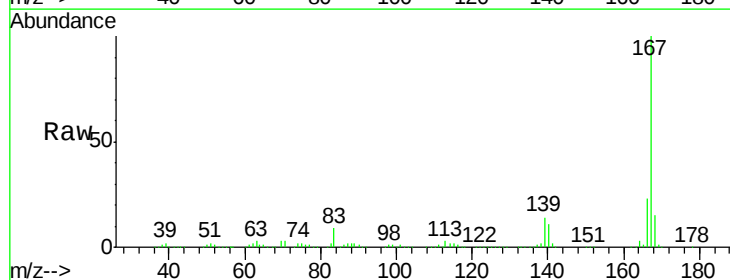


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

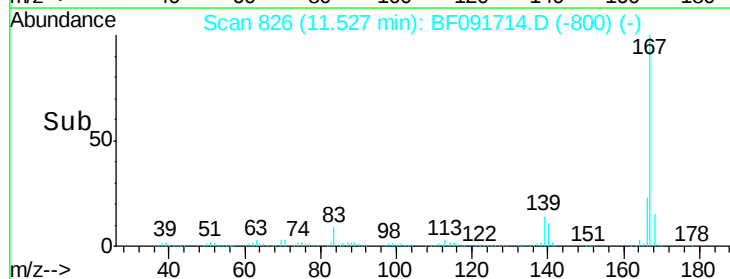
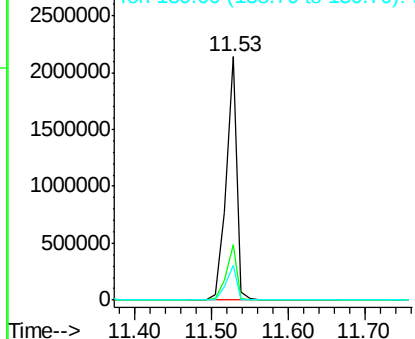


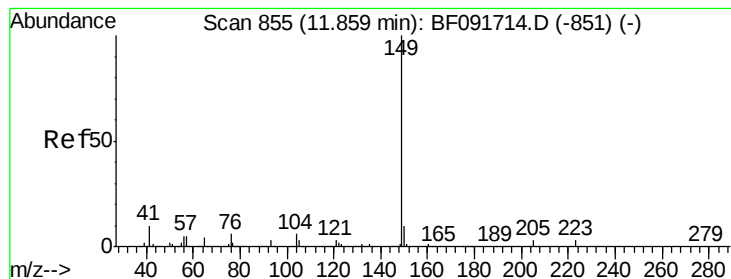
#72
 Carbazole
 Concen: 41.78 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion:167 Resp: 2119647
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 14.3 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.33 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

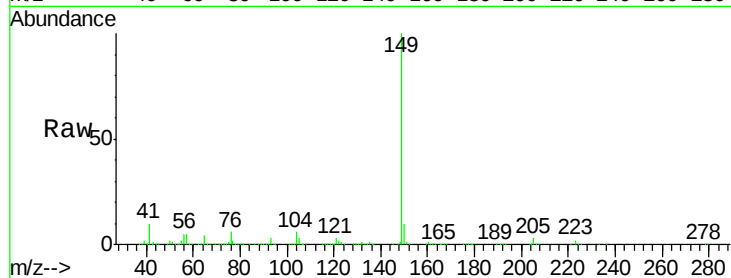
Tgt Ion:149 Resp: 2522947

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

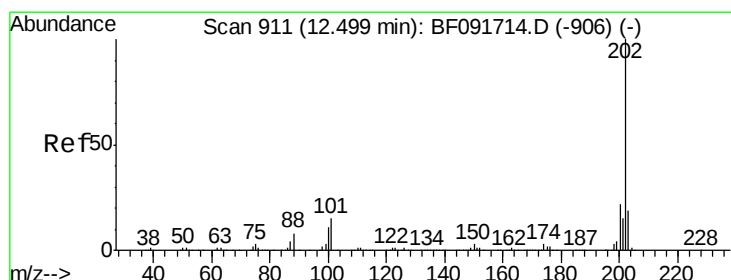
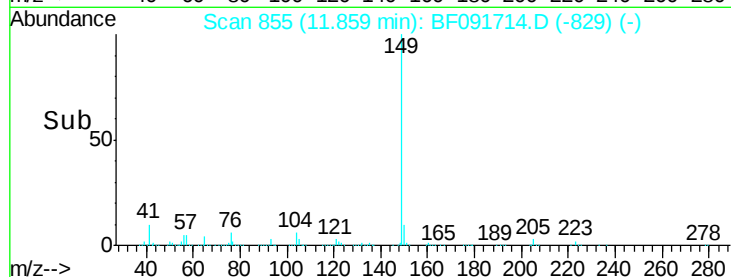
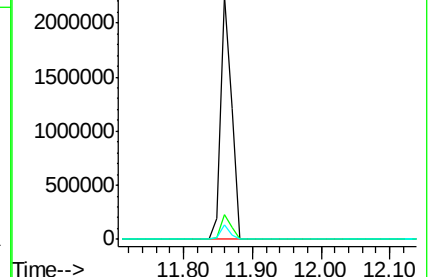
104 5.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.38 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

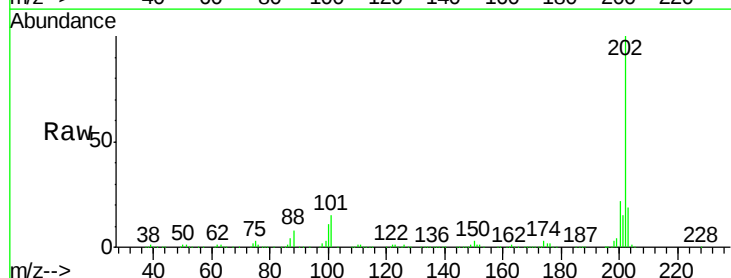
Tgt Ion:202 Resp: 2214744

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.6

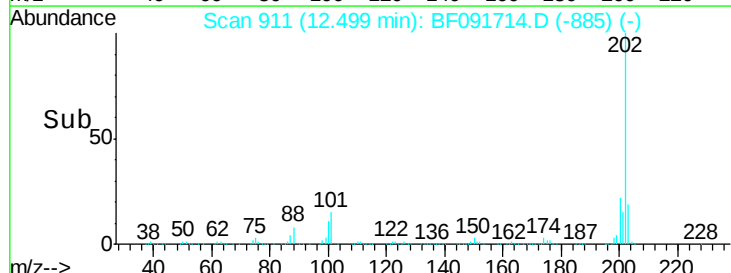
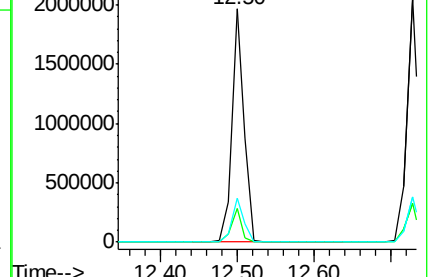
203 18.7 0.0 38.7

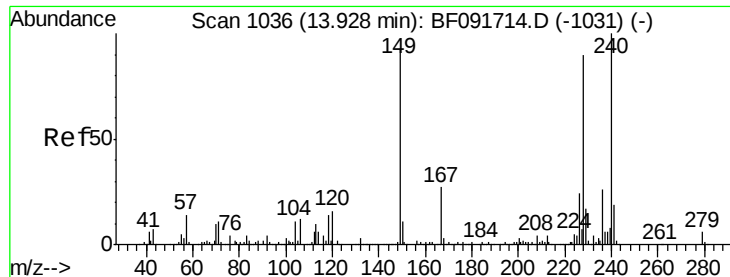


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

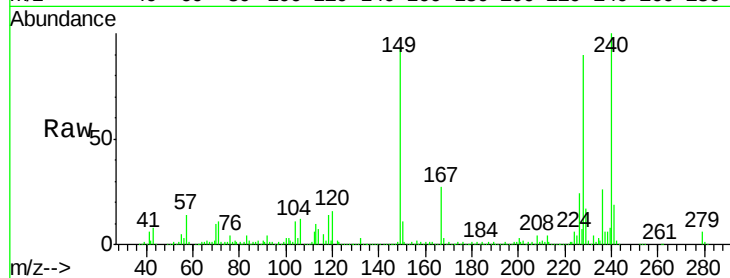
Tgt Ion:240 Resp: 760035

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

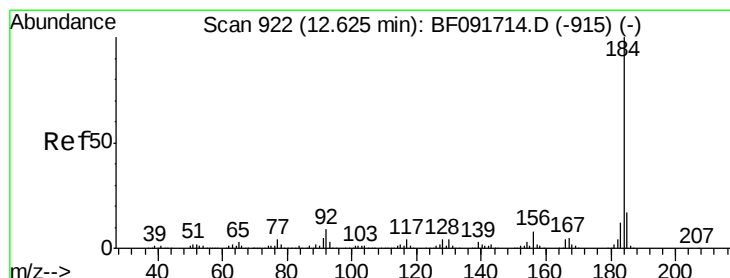
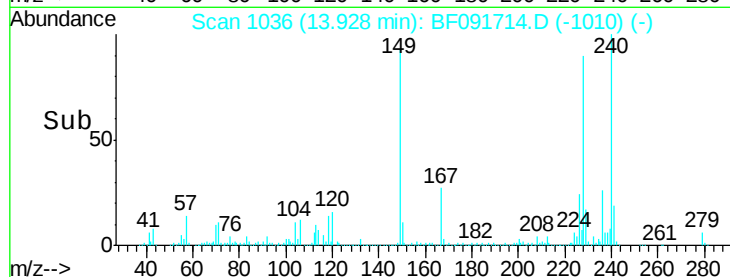
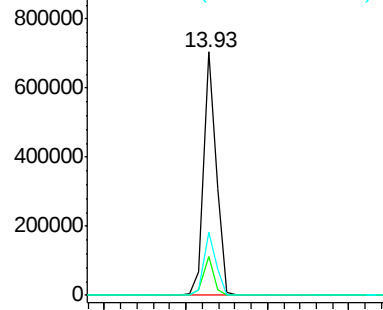
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.50 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

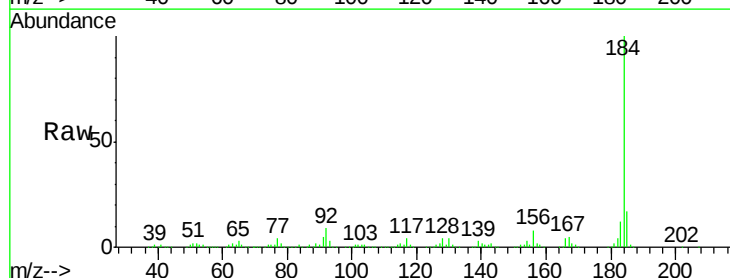
Tgt Ion:184 Resp: 976347

Ion Ratio Lower Upper

184 100

185 16.7 13.4 20.0

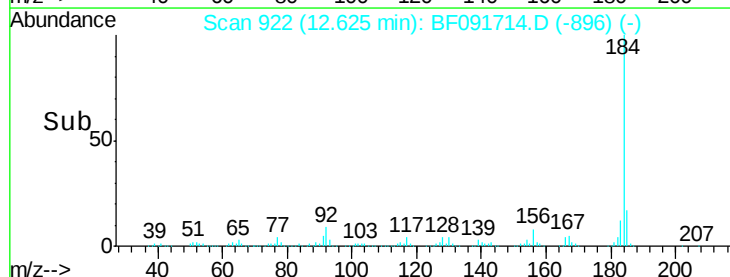
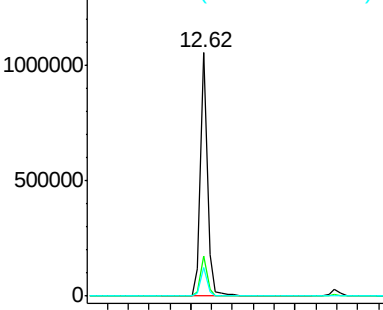
183 11.5 9.2 13.8

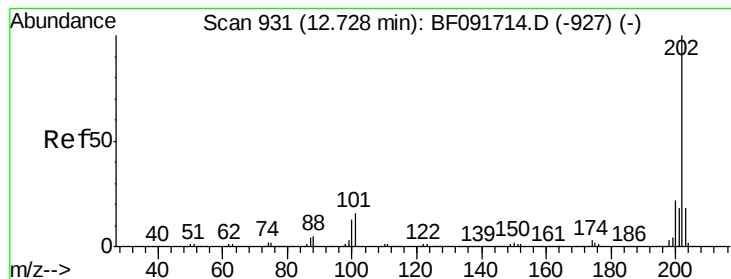


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.28 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

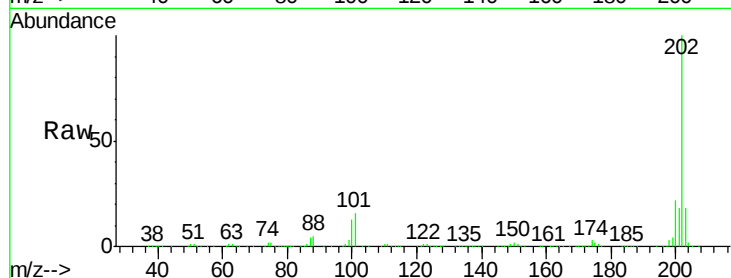
Tgt Ion:202 Resp: 2277137

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

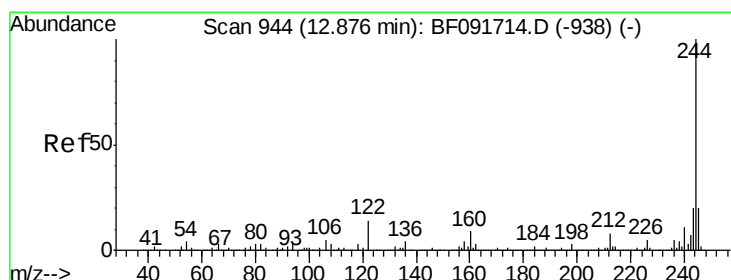
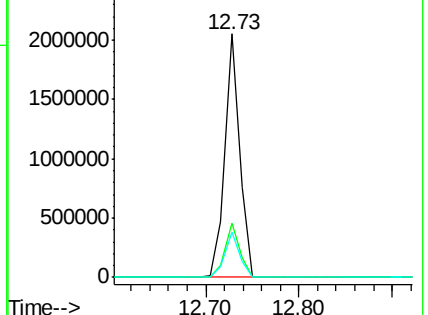
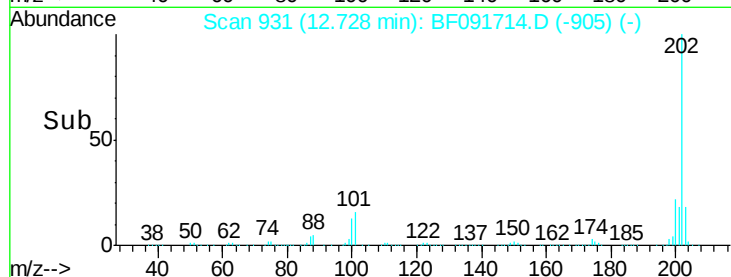
203 18.4 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.09 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

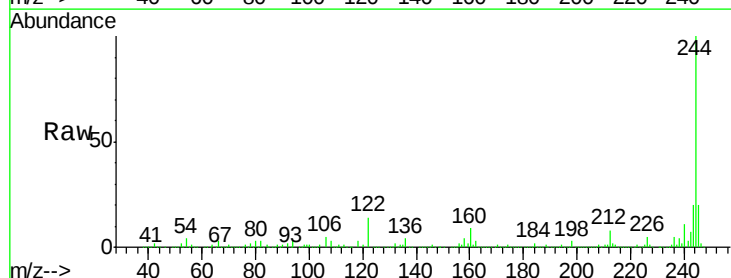
Tgt Ion:244 Resp: 2666394

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

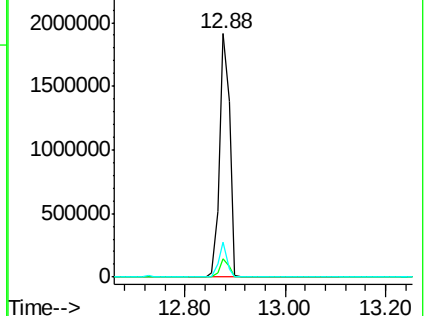
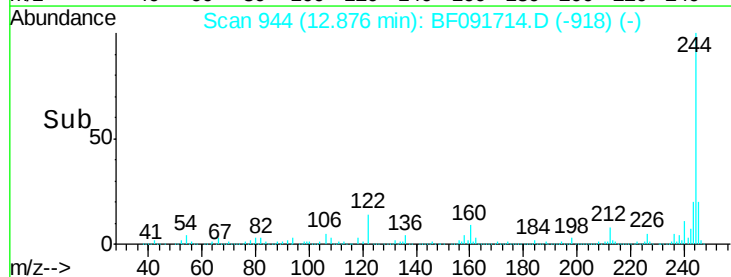
122 14.3 11.4 17.2

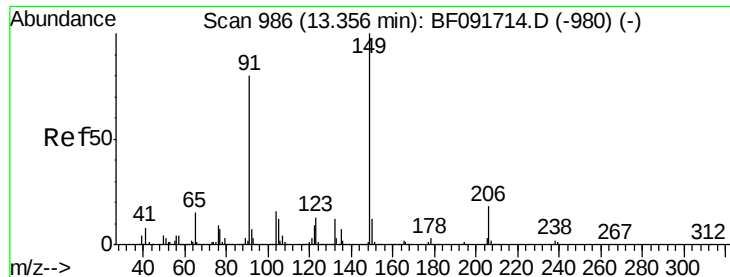


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

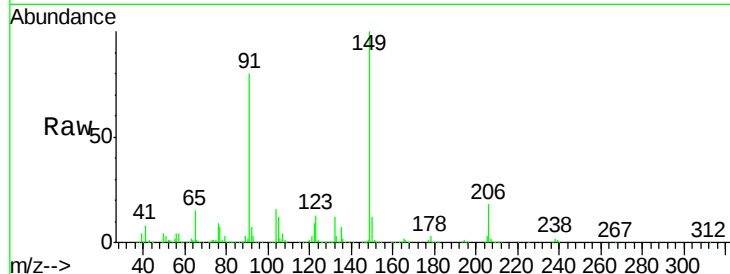




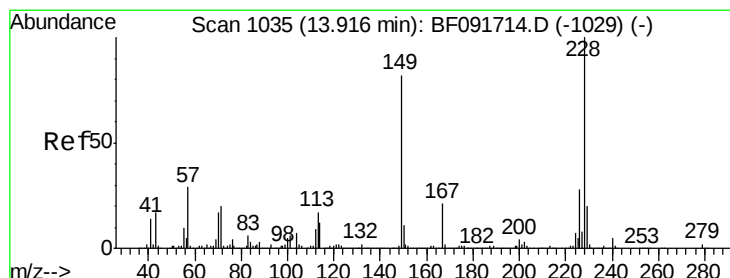
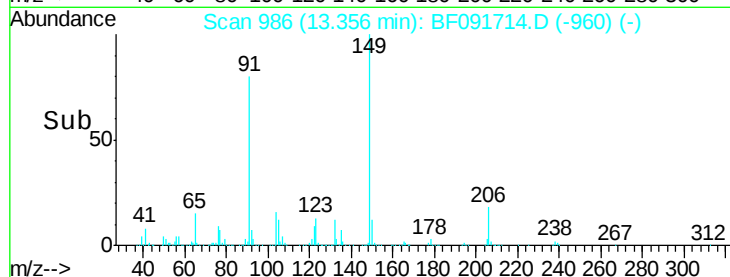
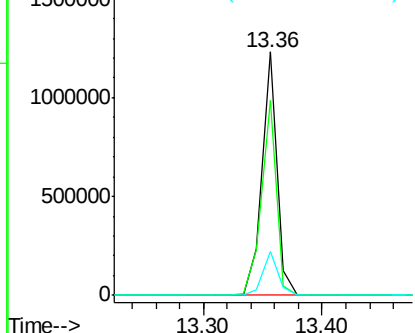
#79
Butylbenzylphthalate
Concen: 45.72 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 1096782
Ion Ratio Lower Upper
149 100
91 79.9 63.9 95.9
206 18.2 14.6 21.8

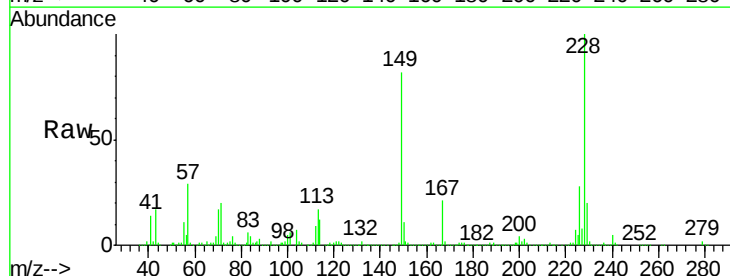


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

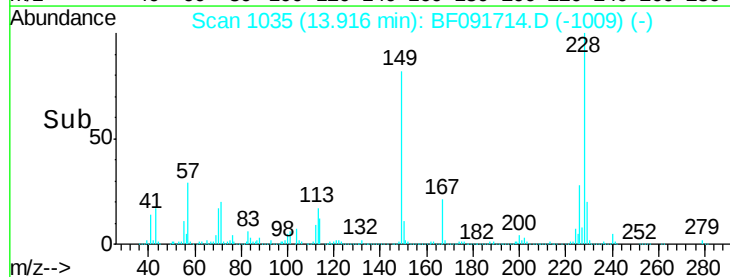
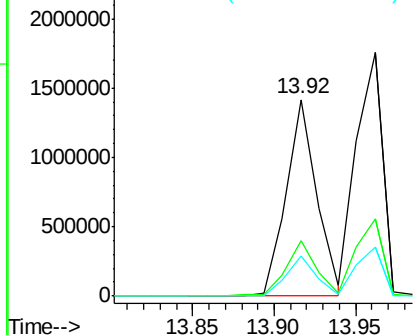


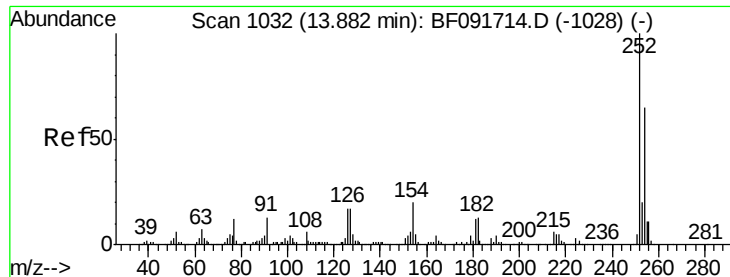
#80
Benzo(a)anthracene
Concen: 41.68 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:228 Resp: 1856418
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

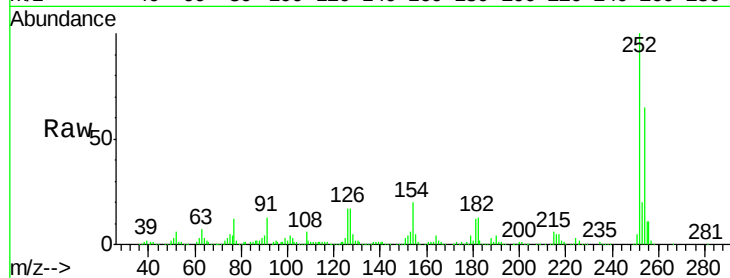




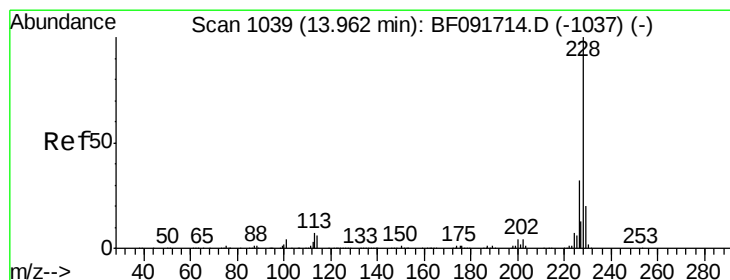
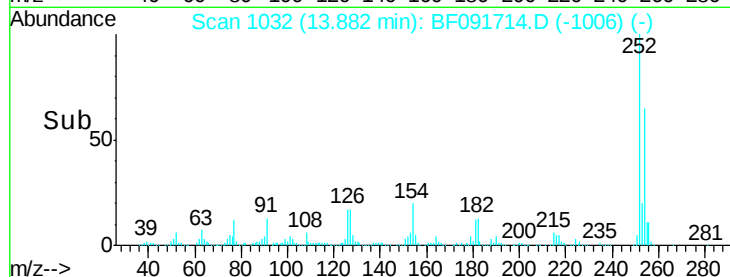
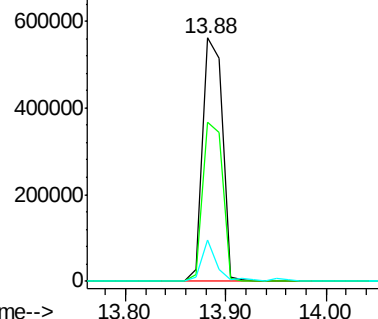
#81
 3,3'-Dichlorobenzidine
 Concen: 47.15 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion: 252 Resp: 771633
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.3 78.5
 126 17.0 13.6 20.4

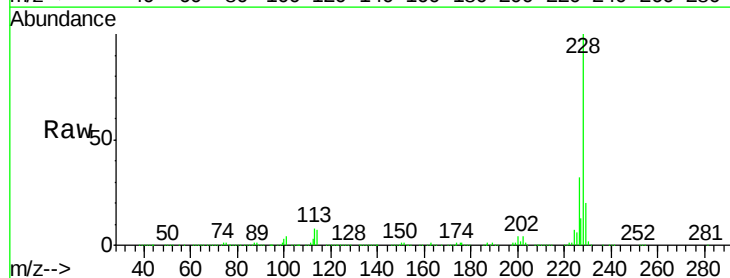


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

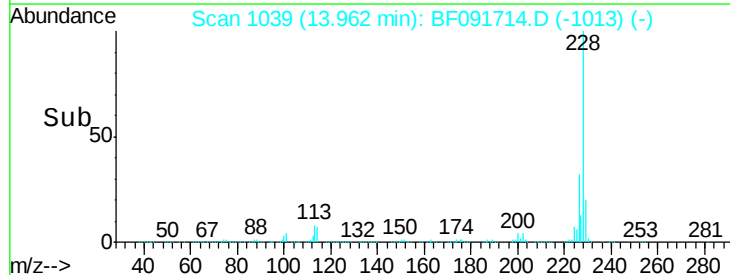
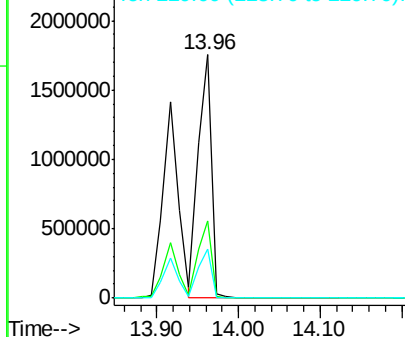


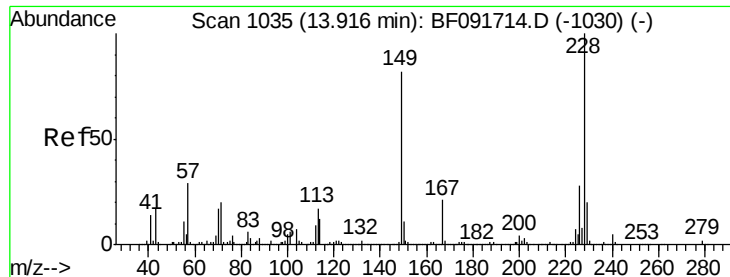
#82
 Chrysene
 Concen: 43.17 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion: 228 Resp: 2014156
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.93 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

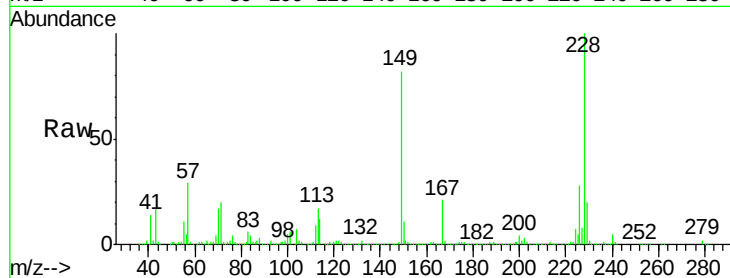
Tgt Ion:149 Resp: 1339312

Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.4

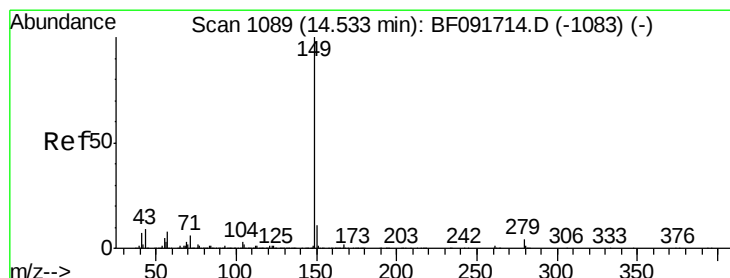
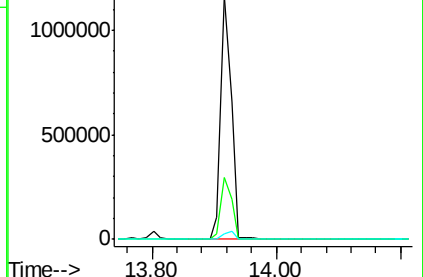
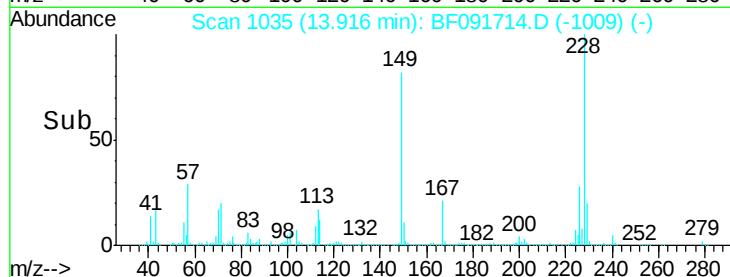
279 2.3 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.08 ng

RT: 14.53 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

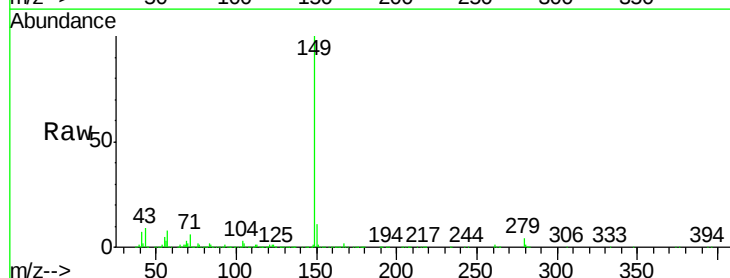
Tgt Ion:149 Resp: 2702086

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

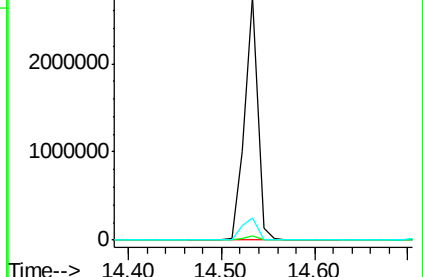
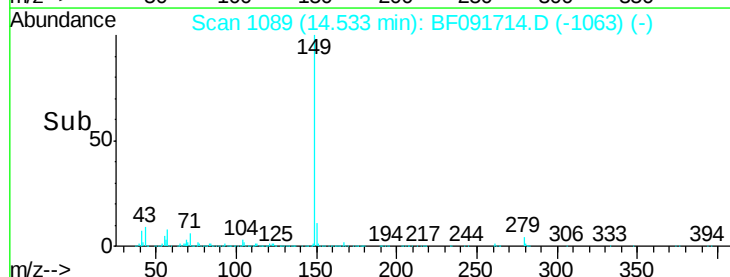
43 11.1 8.9 13.3

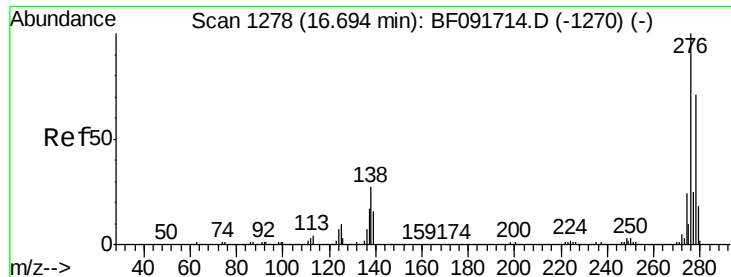


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



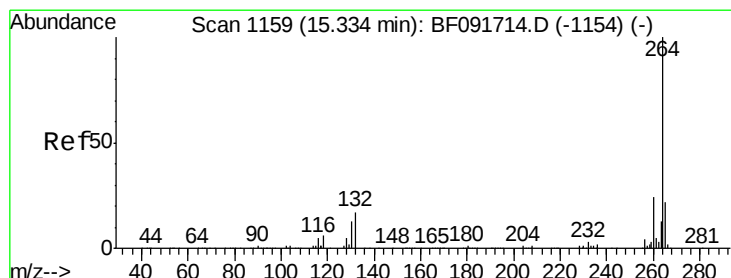
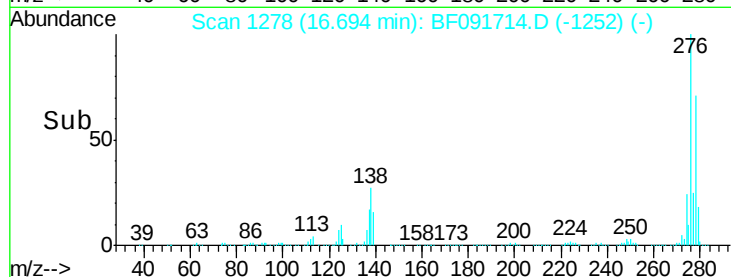
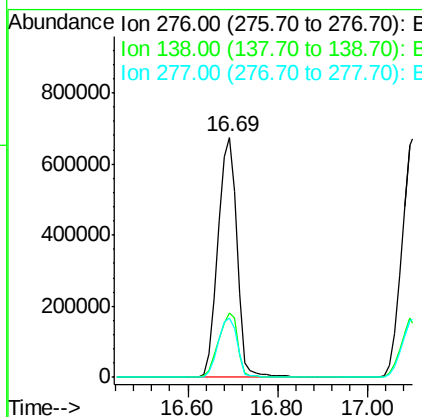
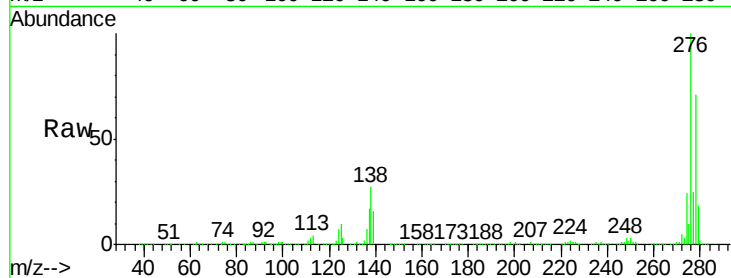


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.87 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion: 276 Resp: 2000648

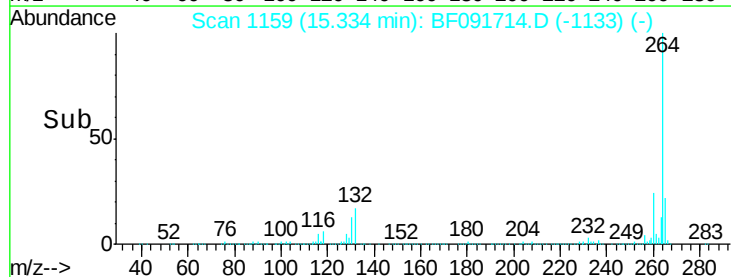
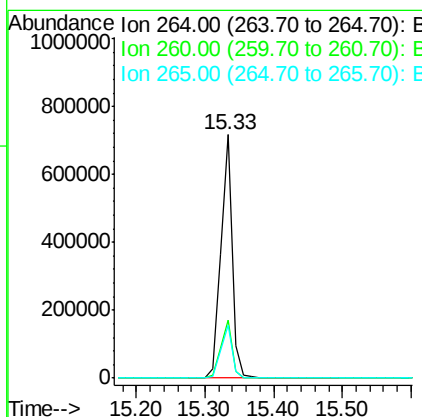
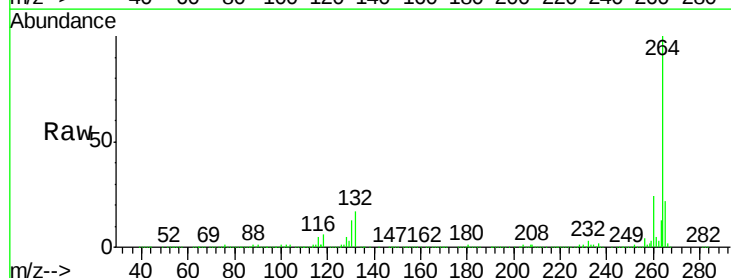
Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.3	20.2	30.4

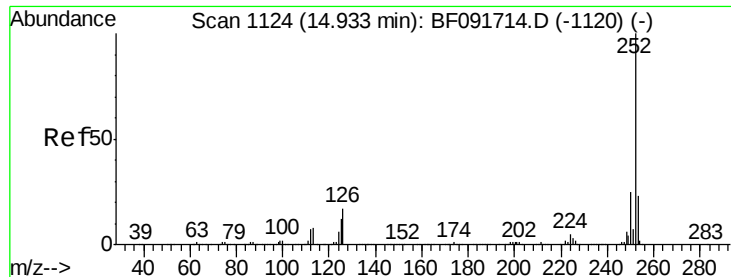


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF091714.D
 Acq: 17 Dec 2016 14:48

Tgt Ion: 264 Resp: 846207

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0

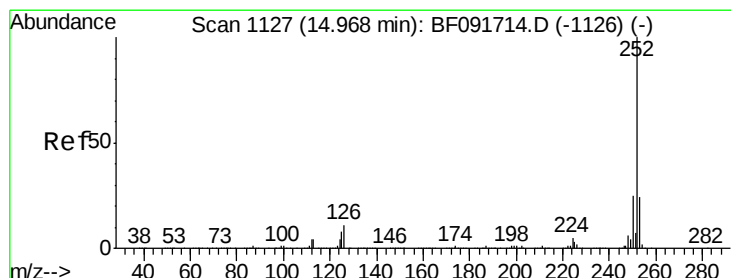
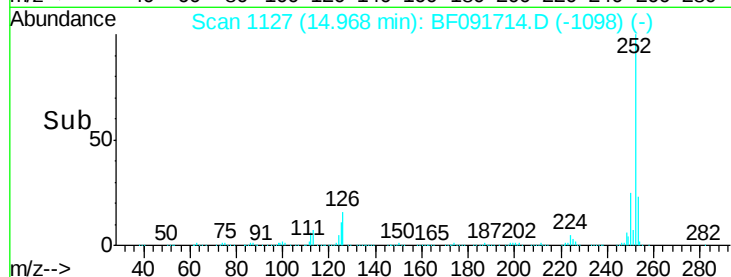
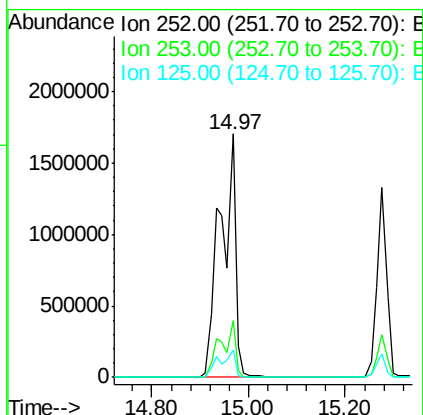
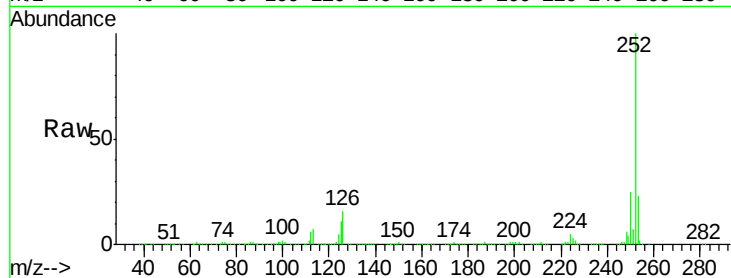




#87
Benzo(b)fluoranthene
Concen: 73.68 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.03 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

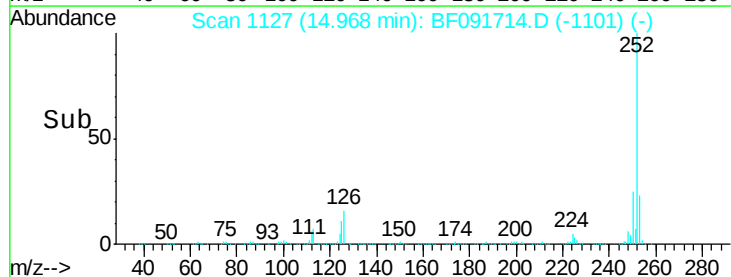
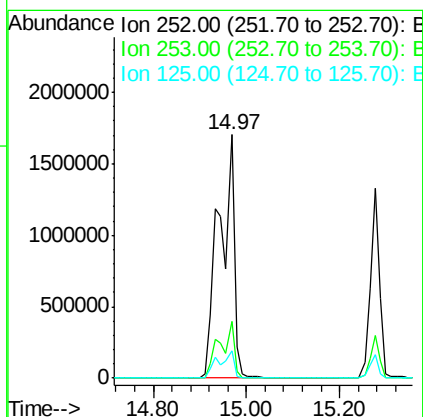
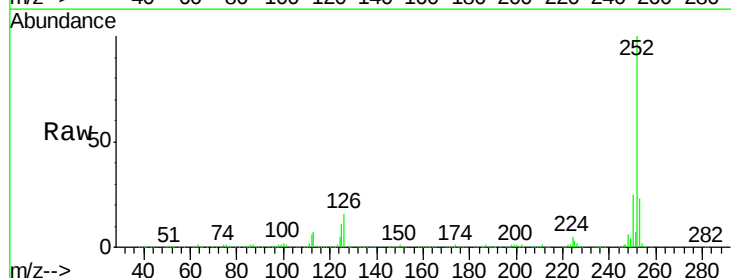
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

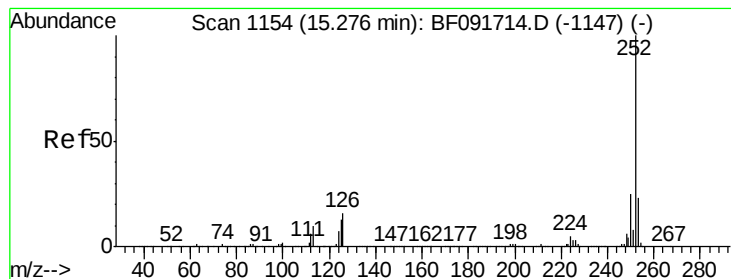
Tgt Ion:252 Resp: 3819448
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 11.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 87.59 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091714.D
Acq: 17 Dec 2016 14:48

Tgt Ion:252 Resp: 3820247
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 11.1 8.9 13.3





#89

Benzo(a)pyrene

Concen: 40.59 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

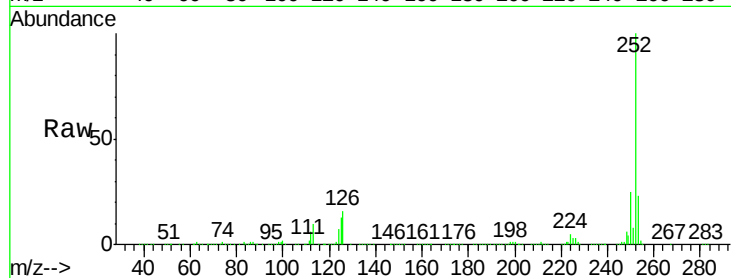
Tgt Ion:252 Resp: 1855032

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

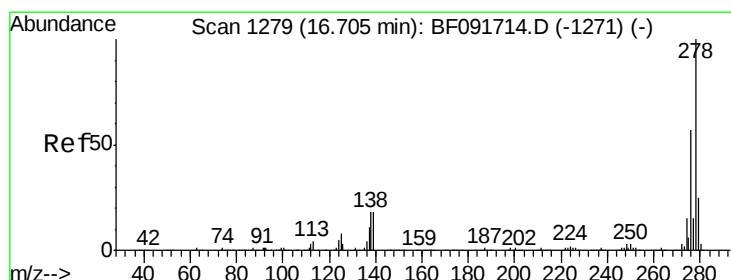
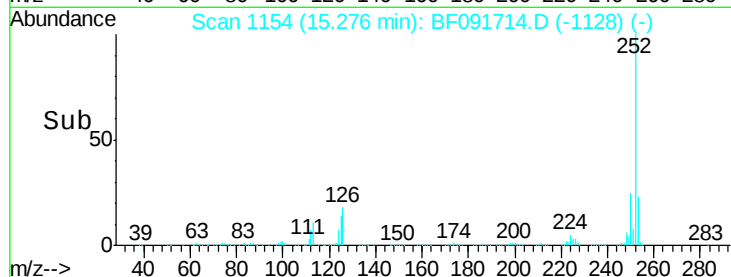
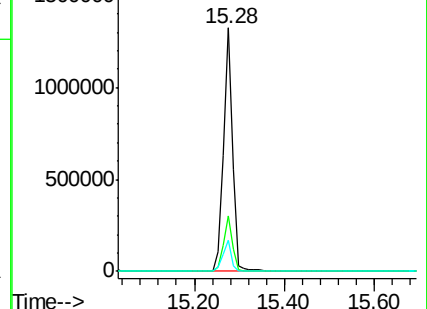
125 12.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.56 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF091714.D

Acq: 17 Dec 2016 14:48

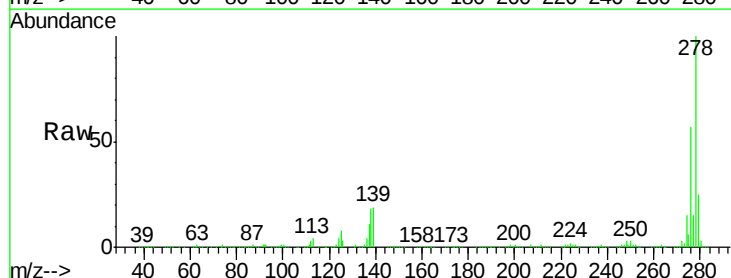
Tgt Ion:278 Resp: 1664587

Ion Ratio Lower Upper

278 100

139 18.5 14.8 22.2

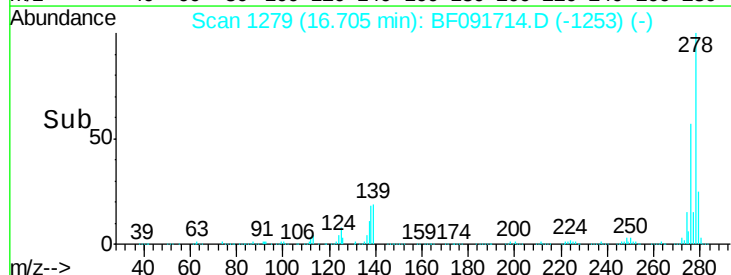
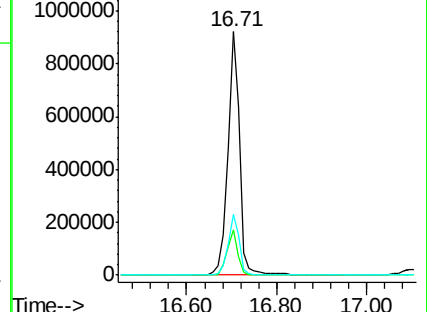
279 24.7 19.8 29.6

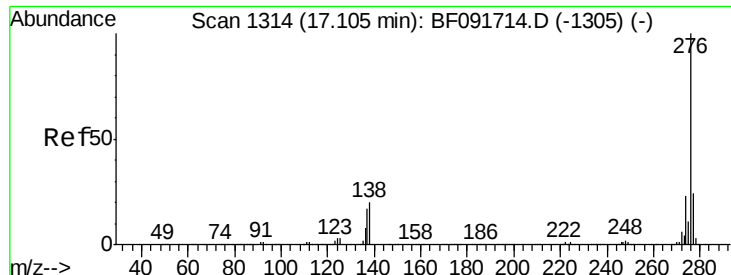


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.09 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF091714.D

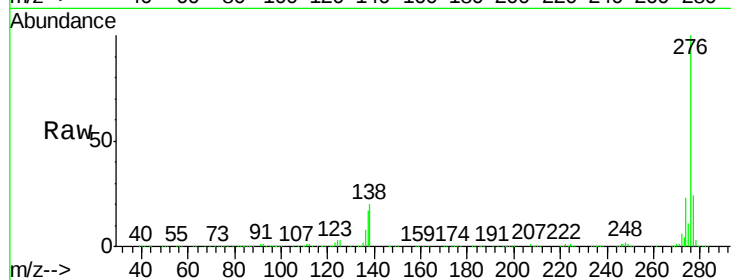
Acq: 17 Dec 2016 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



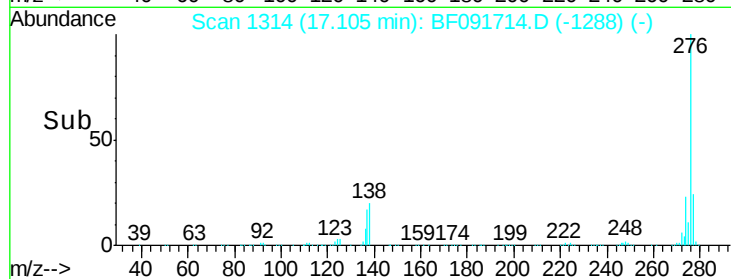
Tgt Ion:276 Resp: 1724058

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.0 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

