

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091715.D
 Acq On : 17 Dec 2016 15:15
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Dec 17 22:21:16 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	323615	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1309028	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	683123	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1113158	20.00	ng	0.00
75) Chrysene-d12	13.93	240	743082	20.00	ng	0.00
86) Perylene-d12	15.33	264	867223	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1935187	100.02	ng	0.00
7) Phenol-d6	6.42	99	2079254	85.90	ng	0.00
23) Nitrobenzene-d5	7.34	82	1960173	82.59	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	468184	82.14	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2880414	74.29	ng	0.00
78) Terphenyl-d14	12.89	244	3082613	94.71	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	437275	42.99	ng	97
3) Pyridine	3.00	79	1473868	52.88	ng	96
4) n-Nitrosodimethylamine	2.97	42	553877	47.03	ng	99
6) Aniline	6.44	93	1400697	44.32	ng	# 53
8) 2-Chlorophenol	6.56	128	934162	43.06	ng	96
9) Benzaldehyde	6.32	77	614862	37.18	ng	99
10) Phenol	6.43	94	1053237	36.53	ng	85
11) bis(2-Chloroethyl)ether	6.51	93	952024	45.36	ng	98
12) 1,3-Dichlorobenzene	6.72	146	1071097	44.86	ng	98
13) 1,4-Dichlorobenzene	6.78	146	1021644	43.44	ng	99
14) 1,2-Dichlorobenzene	6.94	146	939895	44.55	ng	99
15) Benzyl Alcohol	6.92	79	786214	41.16	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1447014	44.31	ng	99
17) 2-Methylphenol	7.05	107	828387	46.02	ng	95
18) Hexachloroethane	7.29	117	418771	45.86	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	765363	50.89	ng	# 89
20) 3+4-Methylphenols	7.20	107	840247	37.61	ng	# 85
22) Acetophenone	7.20	105	1441876	45.56	ng	# 97
24) Nitrobenzene	7.37	77	1178289	48.27	ng	# 83
25) Isophorone	7.61	82	1989767	46.92	ng	98
26) 2-Nitrophenol	7.68	139	517175	46.71	ng	96
27) 2,4-Dimethylphenol	7.72	122	830265	42.55	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1092944	44.79	ng	99
29) 2,4-Dichlorophenol	7.93	162	834322	49.53	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	880519	45.78	ng	98
31) Naphthalene	8.09	128	2763799	44.85	ng	99
32) Benzoic acid	7.88	122	730687	54.89	ng	99
33) 4-Chloroaniline	8.13	127	1127636	42.39	ng	98
34) Hexachlorobutadiene	8.20	225	465460	42.80	ng	100
35) Caprolactam	8.52	113	249254	48.55	ng	# 67
36) 4-Chloro-3-methylphenol	8.62	107	813265	43.00	ng	100
37) 2-Methylnaphthalene	8.77	142	1742561	43.64	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	787950	41.77	ng	100
40) Hexachlorocyclopentadiene	8.93	237	378400	45.41	ng	99

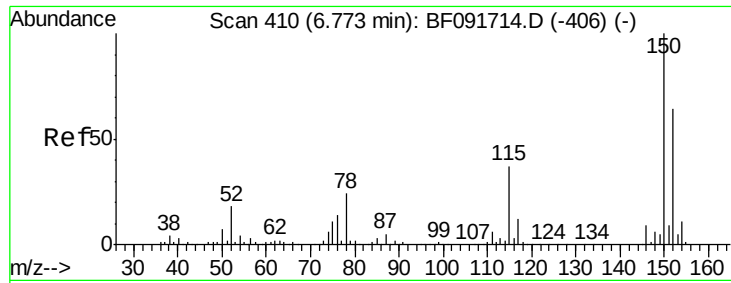
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091715.D
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 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	571379	47.41	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	550833	44.08	ng	97
45) 1,1'-Biphenyl	9.24	154	2275220	44.99	ng	99
46) 2-Chloronaphthalene	9.26	162	1715180	44.14	ng	98
47) 2-Nitroaniline	9.36	65	537924	42.23	ng	99
48) Acenaphthylene	9.68	152	2445792	41.63	ng	99
49) Dimethylphthalate	9.55	163	1998788	45.60	ng	99
50) 2,6-Dinitrotoluene	9.61	165	473403	48.98	ng	# 85
51) Acenaphthene	9.85	154	1703074	41.77	ng	99
52) 3-Nitroaniline	9.78	138	606491	53.92	ng	83
53) 2,4-Dinitrophenol	9.88	184	286078	75.00	ng	94
54) Dibenzofuran	10.02	168	2088109	41.32	ng	99
55) 4-Nitrophenol	9.94	139	369518	45.32	ng	97
56) 2,4-Dinitrotoluene	10.01	165	538497	44.93	ng	92
57) Fluorene	10.36	166	1682910	42.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	448639	46.44	ng	100
59) Diethylphthalate	10.25	149	2033087	48.55	ng	95
60) 4-Chlorophenyl-phenylether	10.35	204	706432	39.60	ng	98
61) 4-Nitroaniline	10.38	138	567855	50.39	ng	99
62) Azobenzene	10.51	77	1990725	42.54	ng	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	373948	62.84	ng	75
65) n-Nitrosodiphenylamine	10.48	169	1463536	43.04	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	496959	43.25	ng	98
67) Hexachlorobenzene	10.91	284	564382	46.23	ng	97
68) Atrazine	11.00	200	485129	45.29	ng	99
69) Pentachlorophenol	11.10	266	349477	50.79	ng	99
70) Phenanthrene	11.32	178	2678467	47.03	ng	100
71) Anthracene	11.37	178	2364860	40.11	ng	100
72) Carbazole	11.53	167	2274210	42.63	ng	100
73) Di-n-butylphthalate	11.86	149	2938546	47.99	ng	100
74) Fluoranthene	12.50	202	2572392	44.60	ng	100
76) Benzidine	12.63	184	914441	39.75	ng	99
77) Pyrene	12.73	202	2602521	44.74	ng	99
79) Butylbenzylphthalate	13.36	149	1225647	52.26	ng	100
80) Benzo(a)anthracene	13.92	228	2053423	47.15	ng	100
81) 3,3'-Dichlorobenzidine	13.89	252	913607	57.10	ng	# 94
82) Chrysene	13.96	228	2249820	49.32	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1532784	51.42	ng	100
84) Di-n-octyl phthalate	14.53	149	2994355	57.90	ng	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	2278944	54.61	ng	99
87) Benzo(b)fluoranthene	14.97	252	4299016	80.92	ng	99
88) Benzo(k)fluoranthene	14.97	252	4299920	96.20	ng	99
89) Benzo(a)pyrene	15.28	252	2154069	45.99	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	1878734	44.66	ng	97
91) Benzo(g,h,i)perylene	17.11	276	1927465	44.83	ng	97

(#) = 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

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

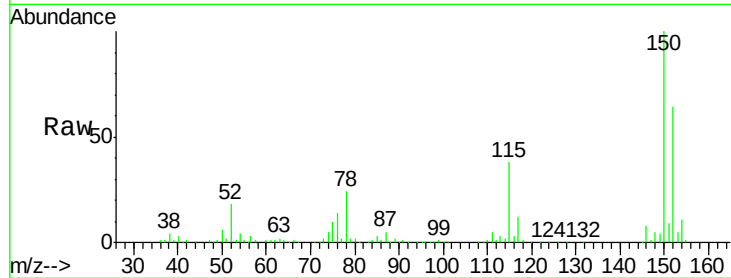
Tgt Ion:152 Resp: 323615

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

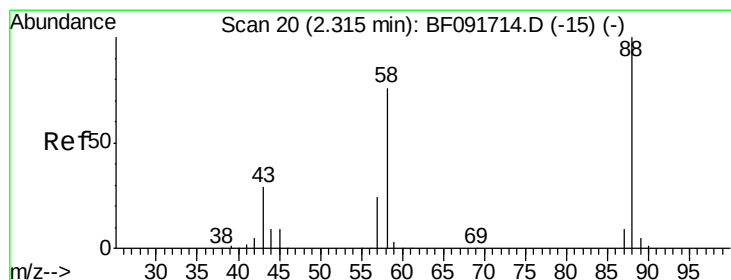
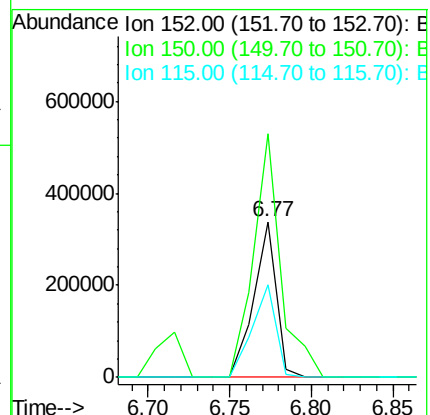
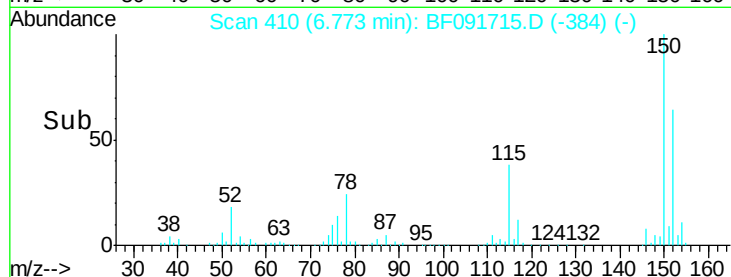
115 59.1 46.0 69.0



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: 42.99 ng

RT: 2.30 min Scan# 19

Delta R.T. -0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

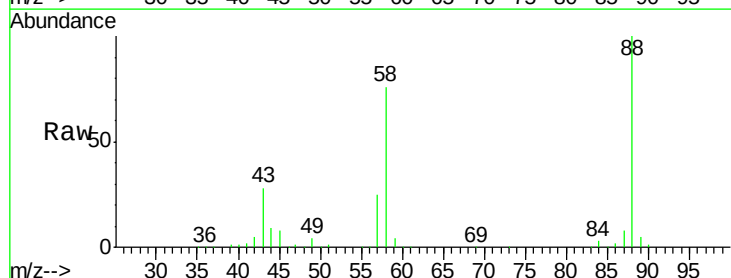
Tgt Ion: 88 Resp: 437275

Ion Ratio Lower Upper

88 100

58 75.2 57.8 86.8

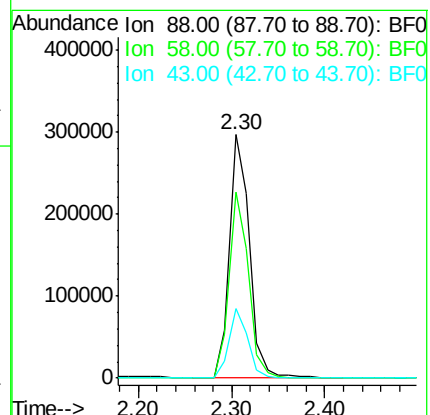
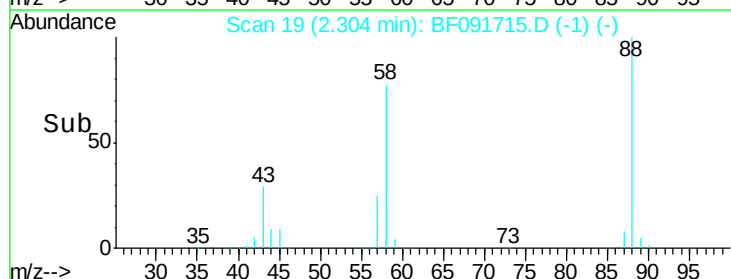
43 27.7 22.3 33.5

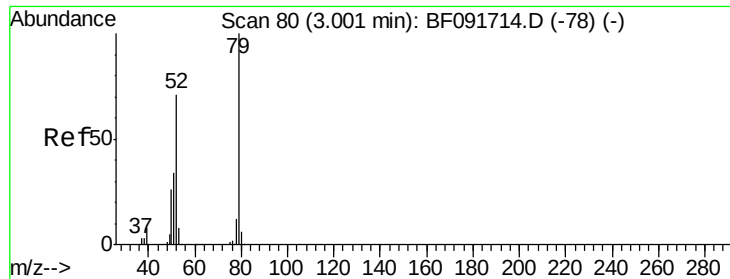


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 52.88 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

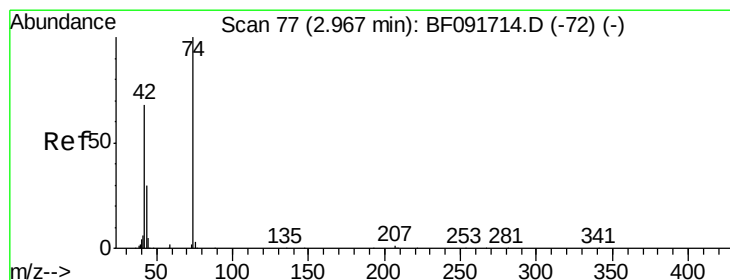
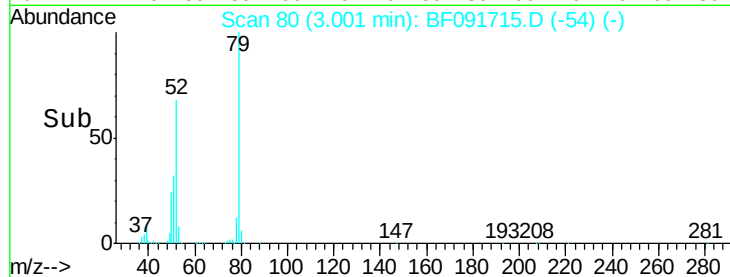
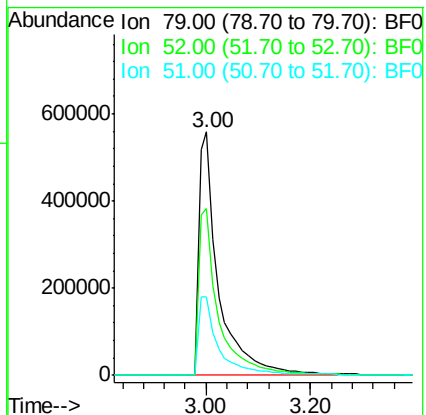
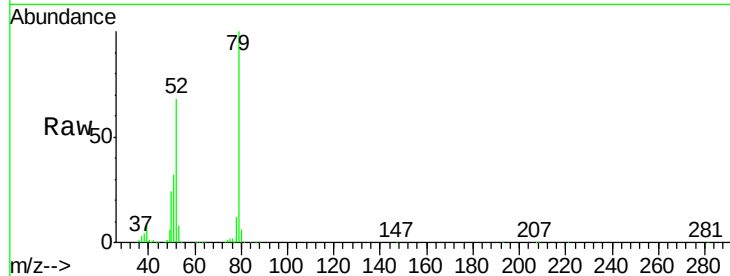
Tgt Ion: 79 Resp: 1473868

Ion Ratio Lower Upper

79 100

52 68.3 57.1 85.7

51 32.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 47.03 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

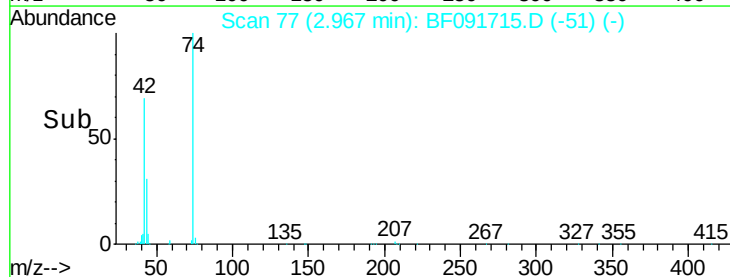
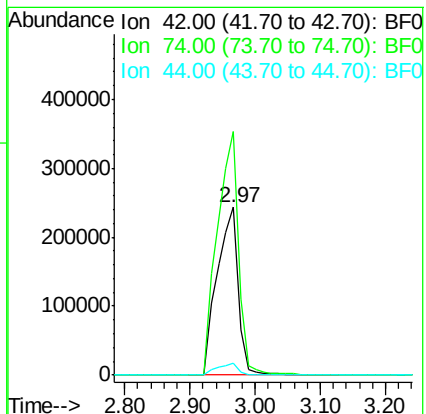
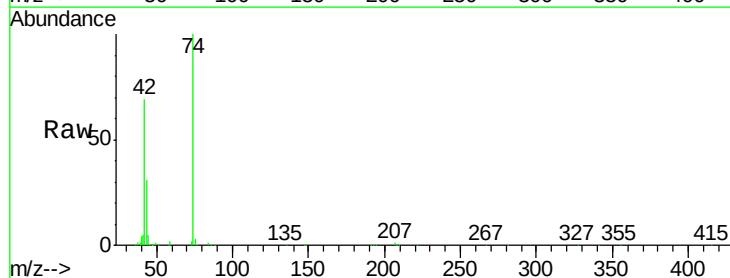
Tgt Ion: 42 Resp: 553877

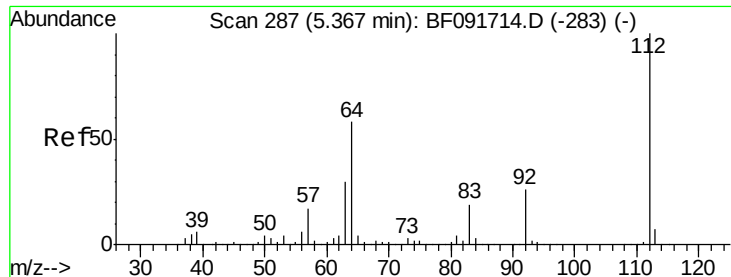
Ion Ratio Lower Upper

42 100

74 145.1 117.0 175.4

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 100.02 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

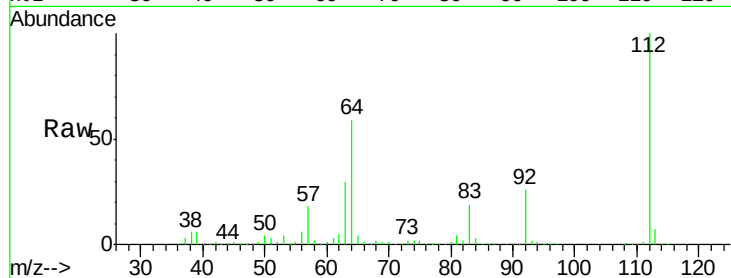
Tgt Ion: 112 Resp: 1935187

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

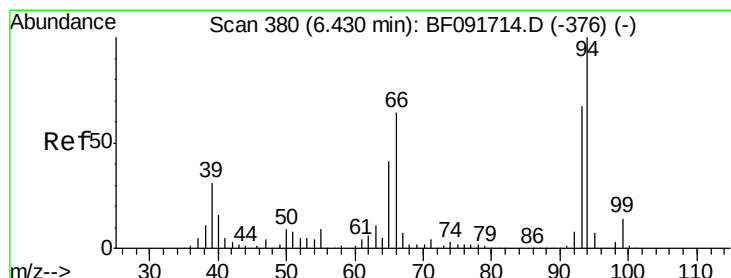
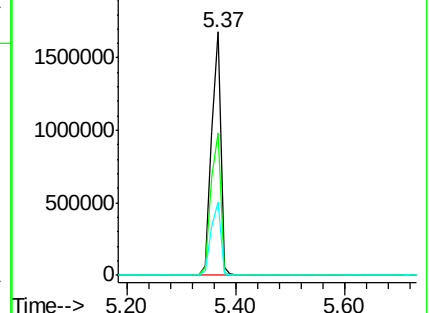
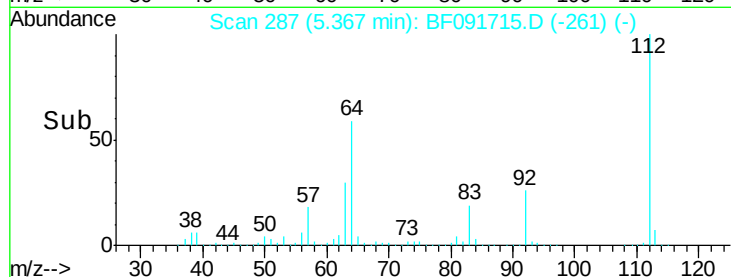
63 29.9 23.8 35.6



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: 44.32 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

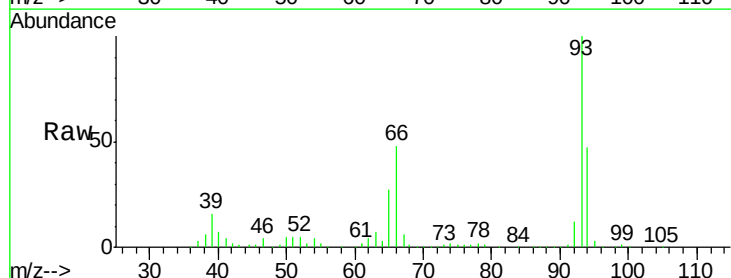
Tgt Ion: 93 Resp: 1400697

Ion Ratio Lower Upper

93 100

66 48.2 76.2 114.2#

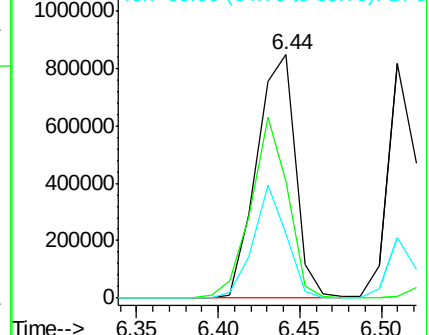
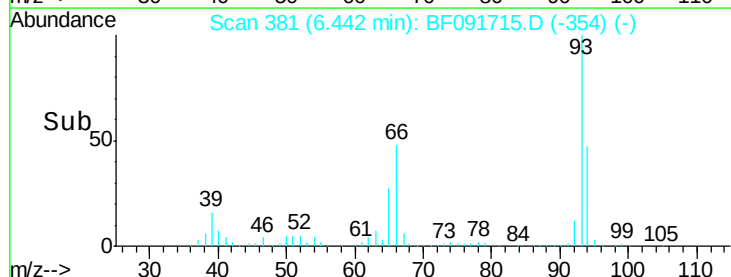
65 26.7 49.3 73.9#

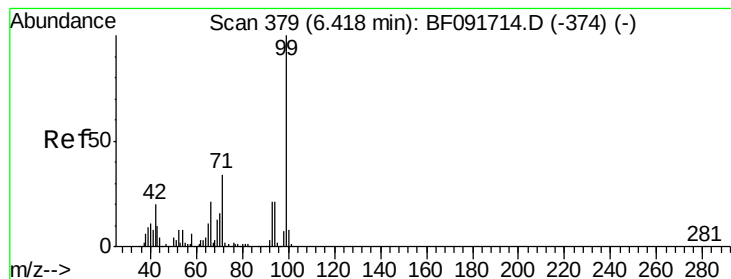


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.90 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

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ClientSampleId :

SSTDIC050

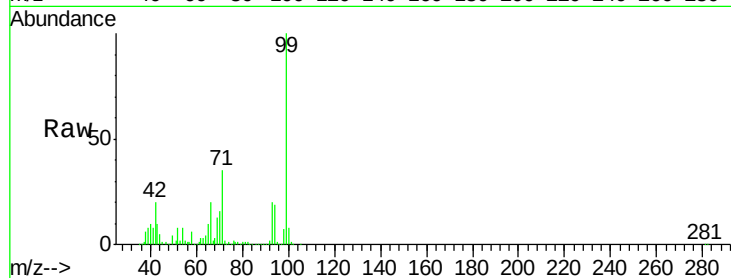
Tgt Ion: 99 Resp: 2079254

Ion Ratio Lower Upper

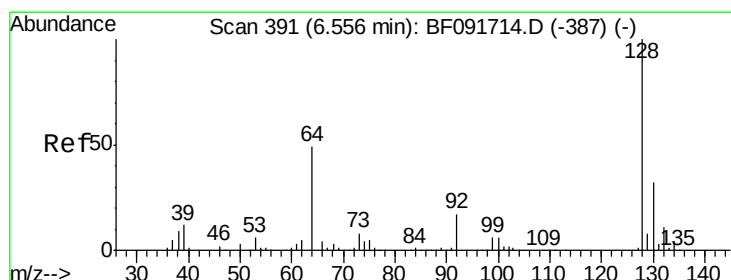
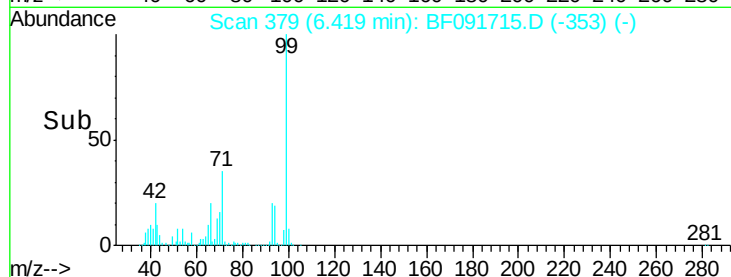
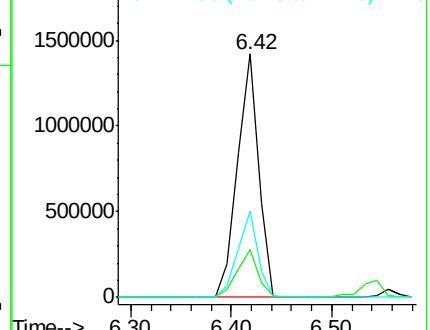
99 100

42 19.8 15.6 23.4

71 35.2 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: 43.06 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

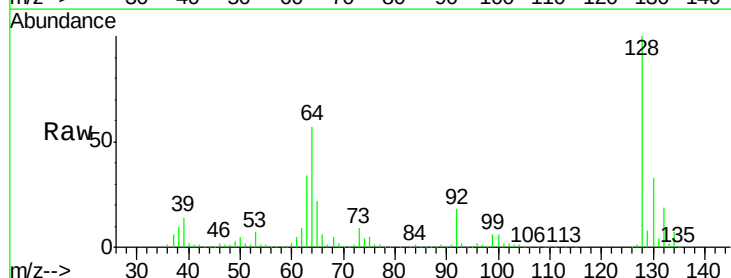
Tgt Ion: 128 Resp: 934162

Ion Ratio Lower Upper

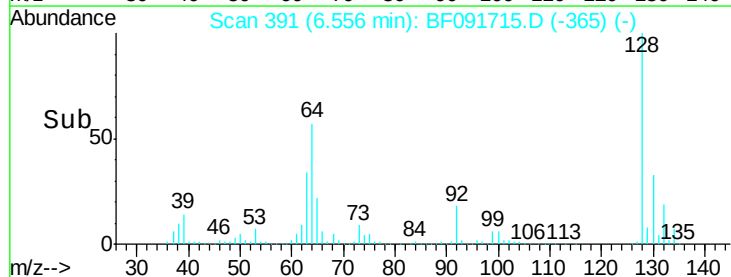
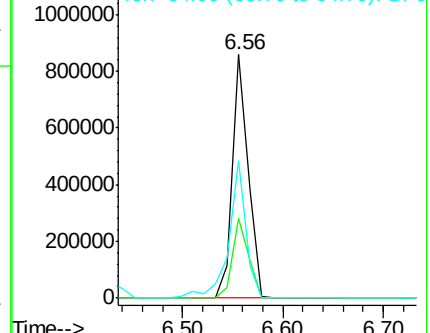
128 100

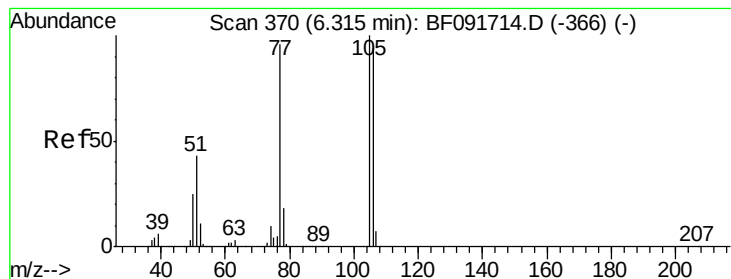
130 32.9 12.3 52.3

64 56.7 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: 37.18 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

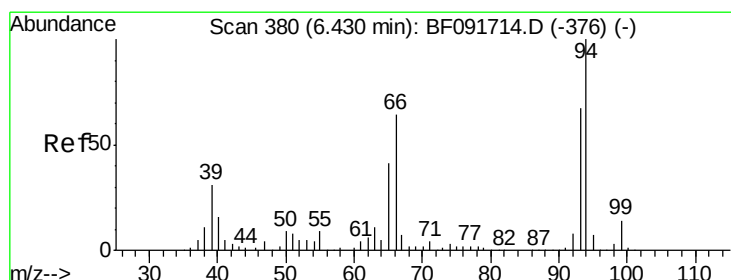
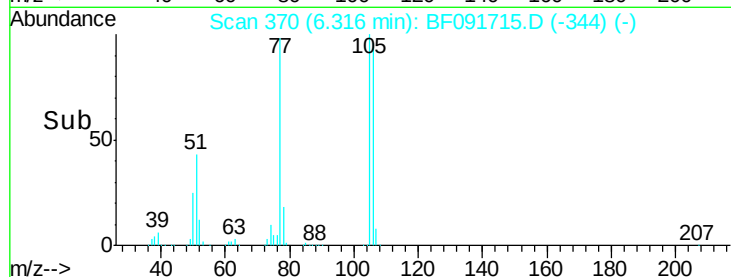
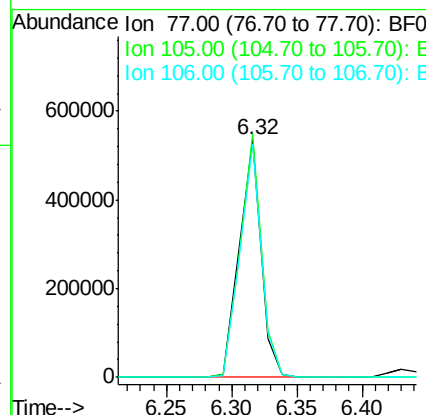
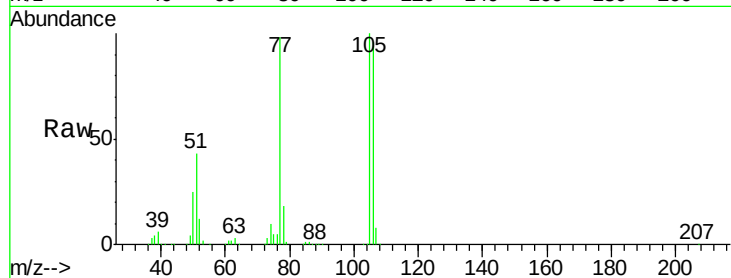
Tgt Ion: 77 Resp: 614862

Ion Ratio Lower Upper

77 100

105 102.5 83.9 123.9

106 98.3 77.6 117.6



#10

Phenol

Concen: 36.53 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

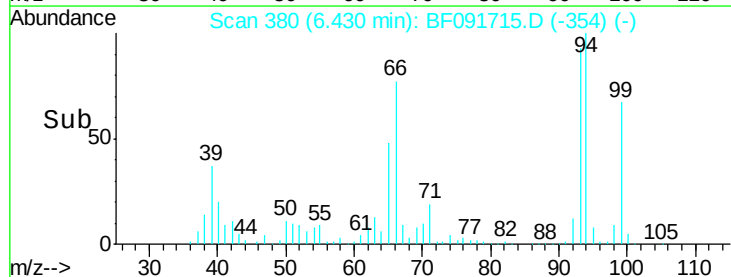
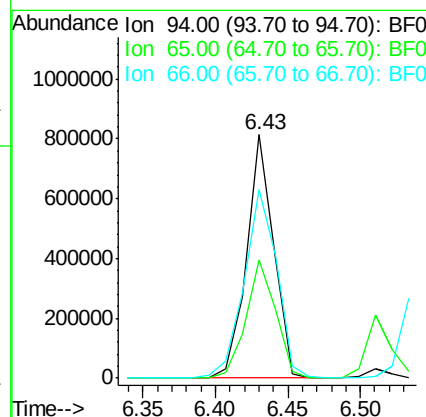
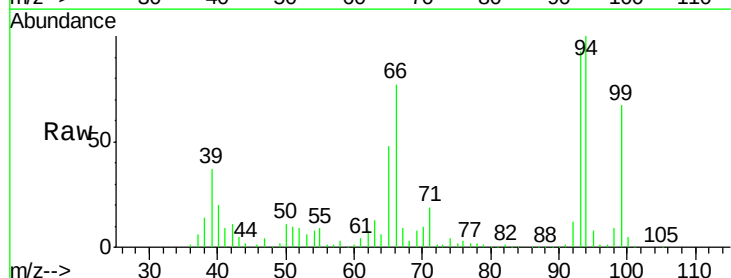
Tgt Ion: 94 Resp: 1053237

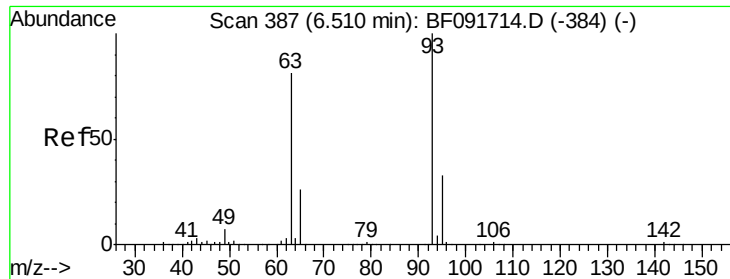
Ion Ratio Lower Upper

94 100

65 48.4 21.4 61.4

66 77.3 44.0 84.0

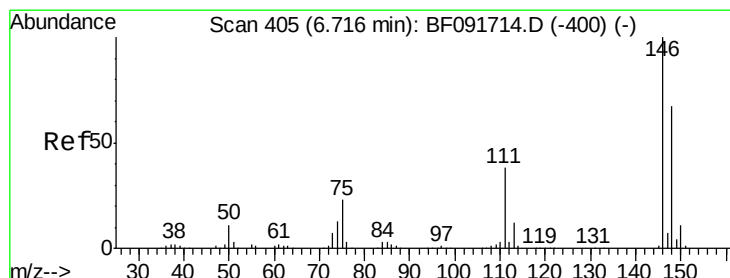
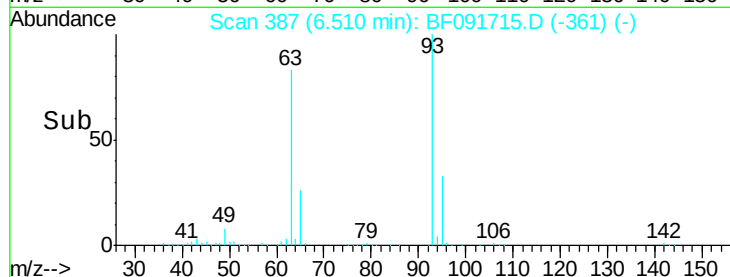
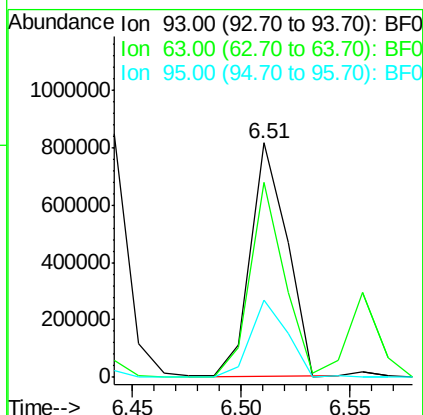
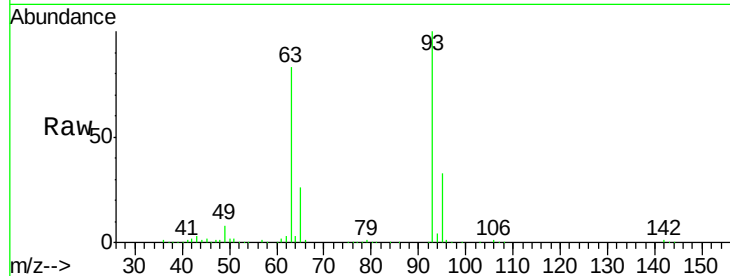




#11
 bis(2-Chloroethyl)ether
 Concen: 45.36 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

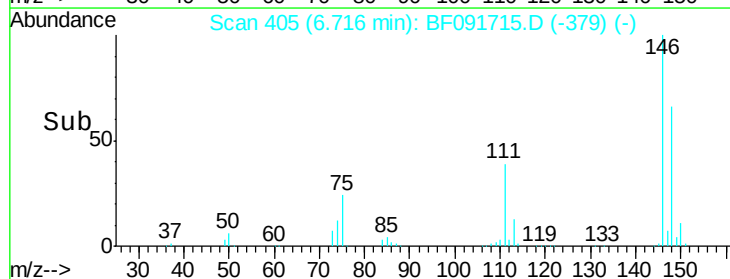
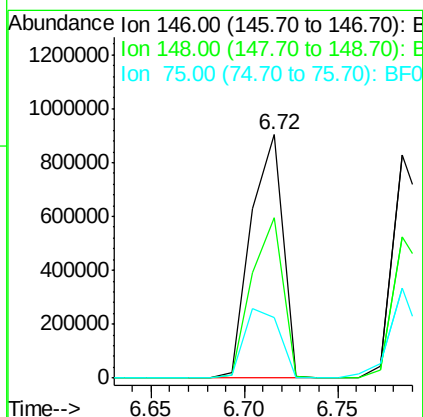
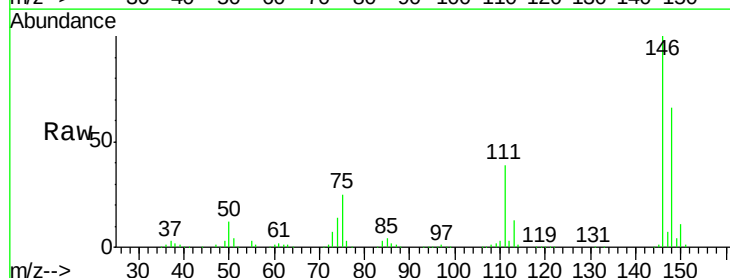
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

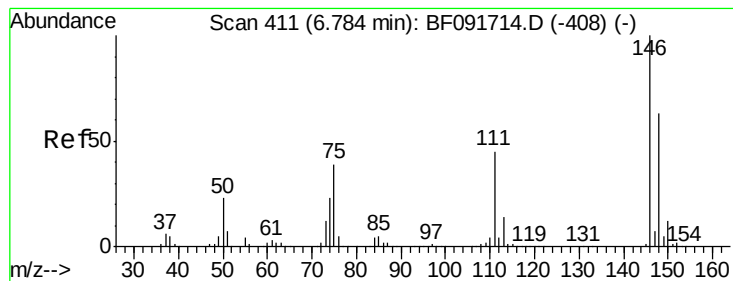
Tgt Ion: 93 Resp: 952024
 Ion Ratio Lower Upper
 93 100
 63 83.1 60.4 100.4
 95 32.9 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 44.86 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion: 146 Resp: 1071097
 Ion Ratio Lower Upper
 146 100
 148 65.8 53.4 80.0
 75 25.1 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 43.44 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

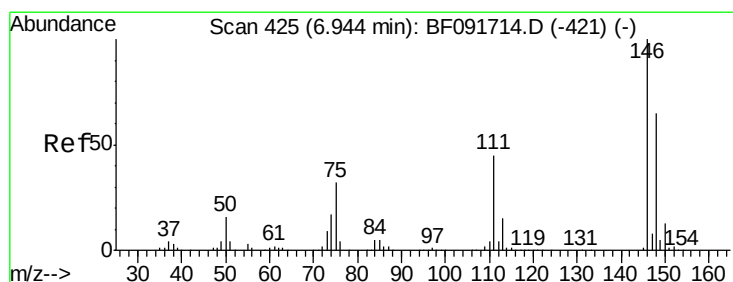
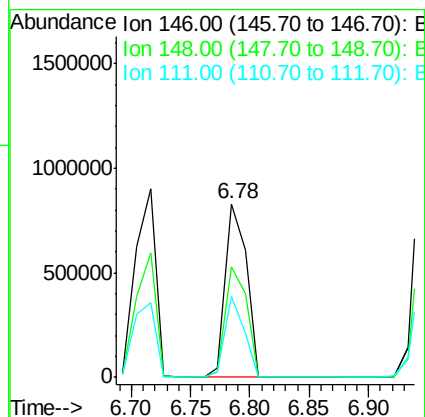
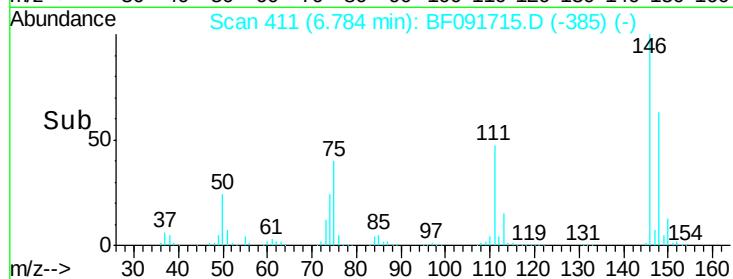
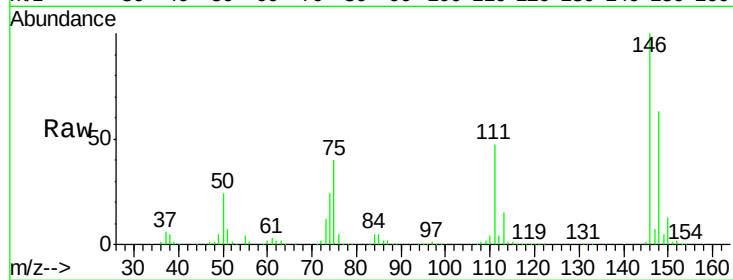
Tgt Ion:146 Resp: 1021644

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

111 46.5 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 44.55 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

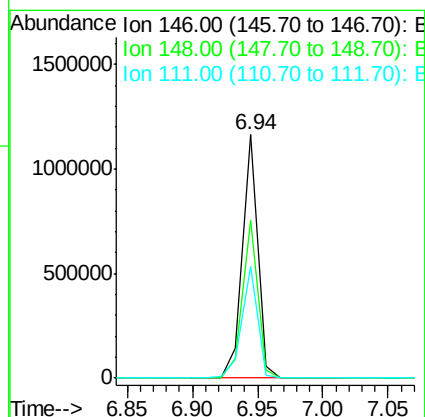
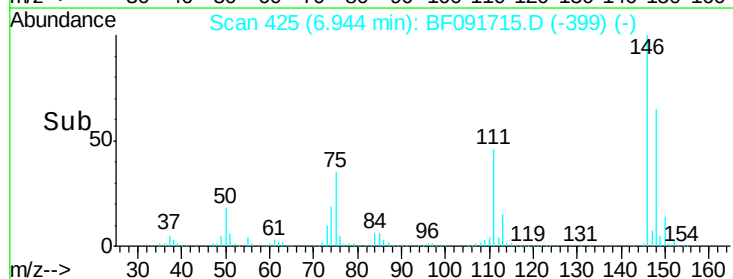
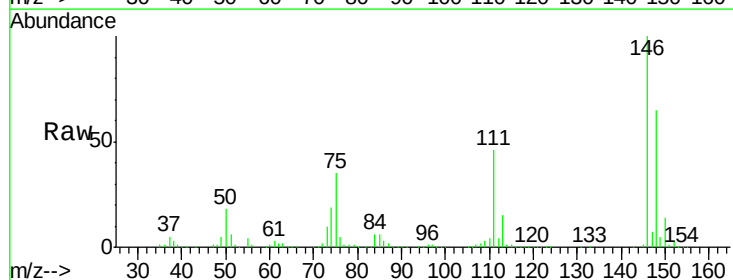
Tgt Ion:146 Resp: 939895

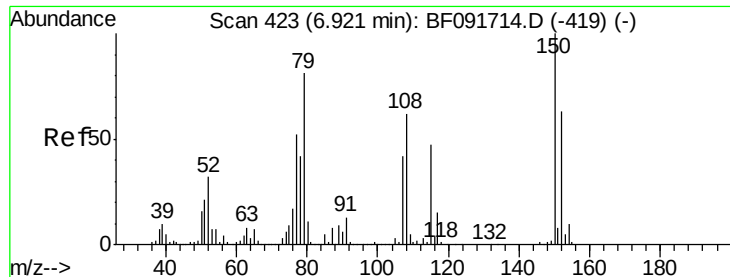
Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

111 46.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.16 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

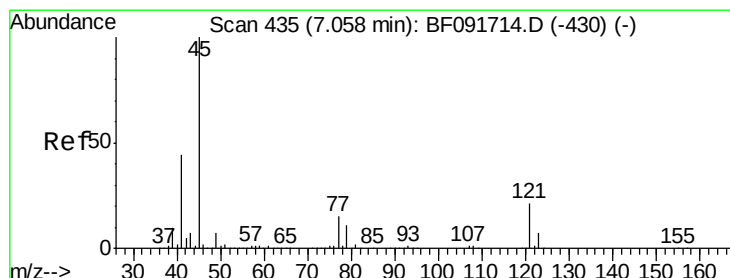
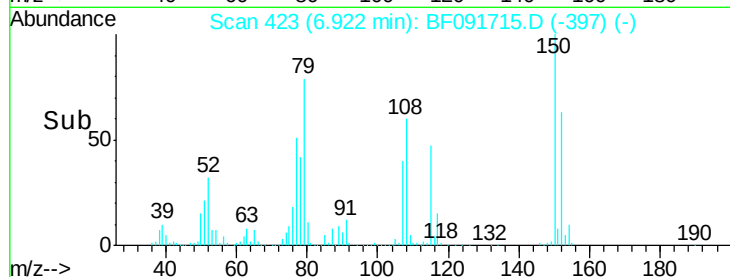
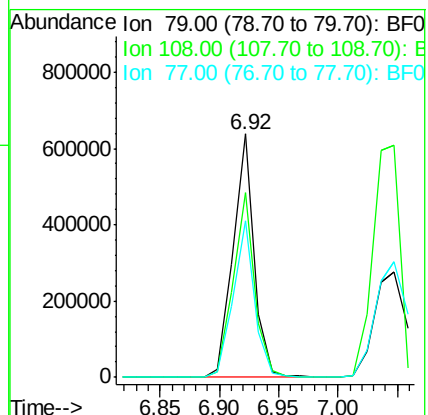
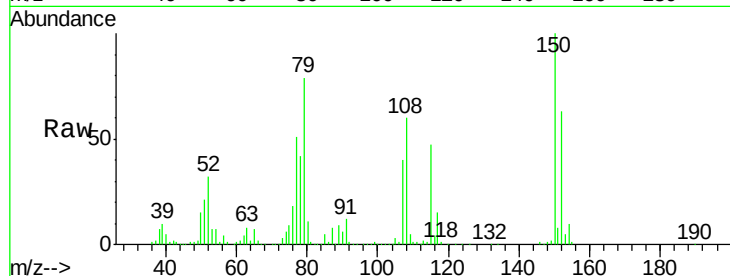
Tgt Ion: 79 Resp: 786214

Ion Ratio Lower Upper

79 100

108 75.8 61.4 92.0

77 64.3 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.31 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

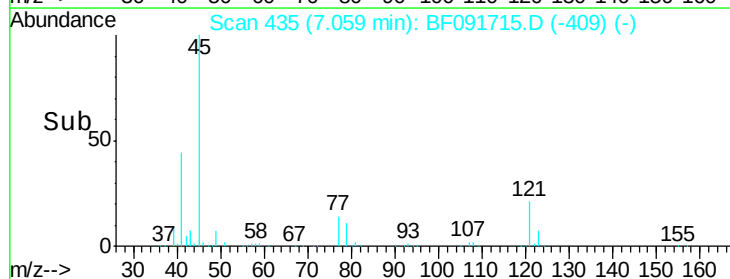
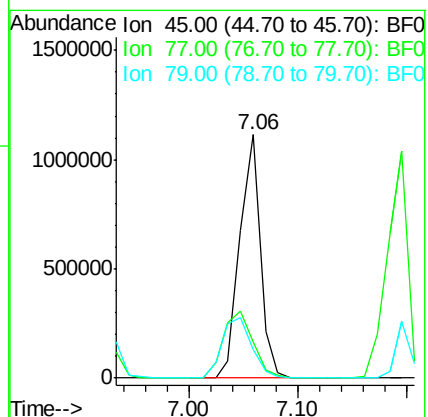
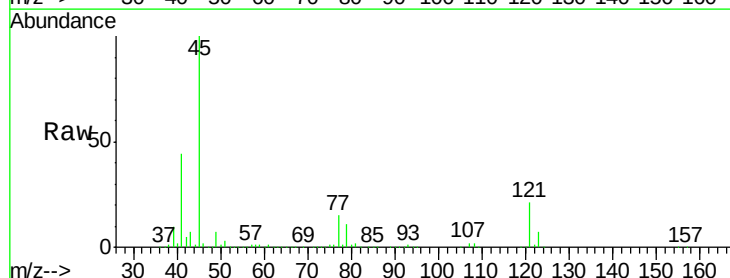
Tgt Ion: 45 Resp: 1447014

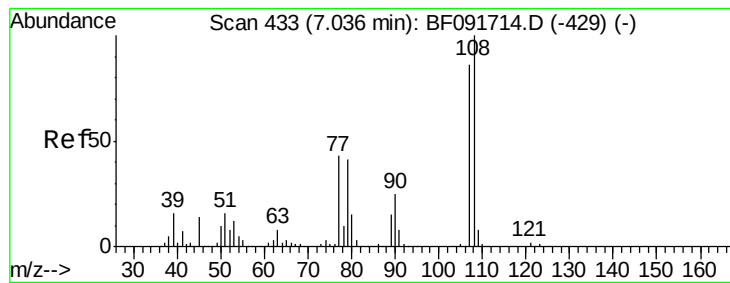
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.6

79 11.5 0.0 31.2





#17

2-Methylphenol

Concen: 46.02 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 828387

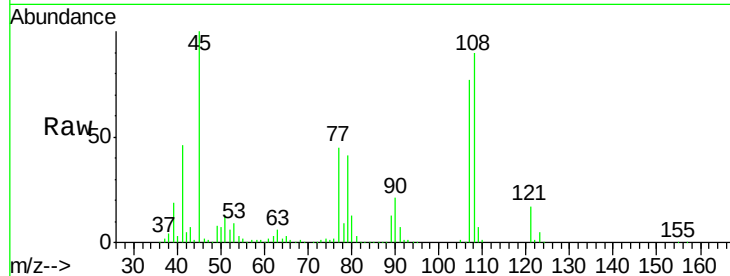
Ion Ratio Lower Upper

107 100

108 117.3 93.0 139.6

77 58.6 39.8 59.8

79 53.0 38.0 57.0

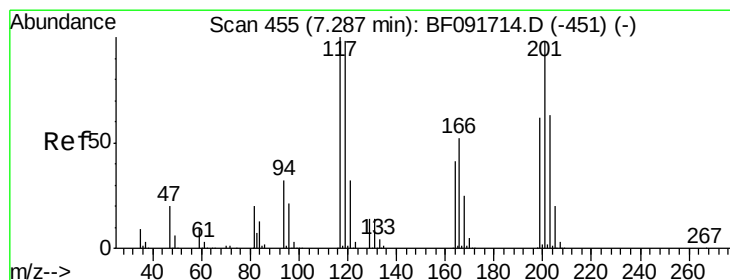
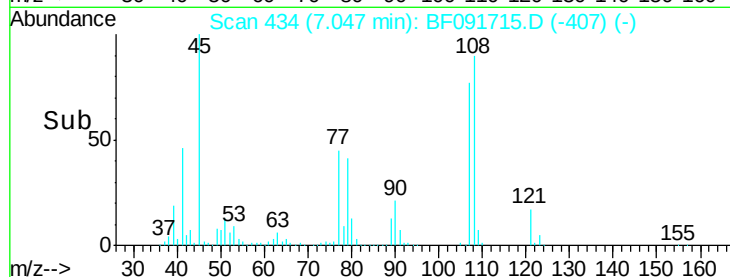
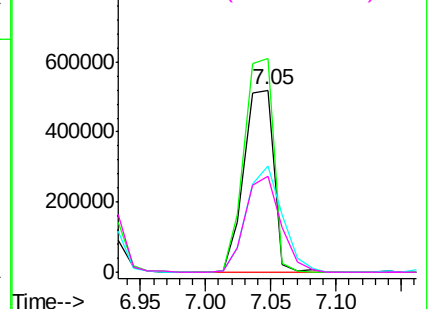


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.86 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

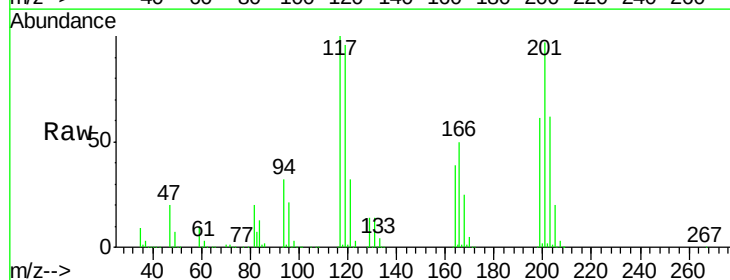
Tgt Ion:117 Resp: 418771

Ion Ratio Lower Upper

117 100

119 96.3 78.1 117.1

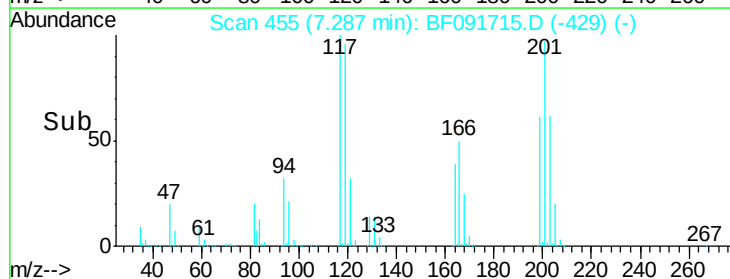
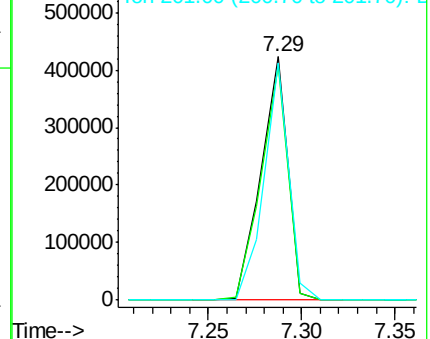
201 97.5 78.6 117.8

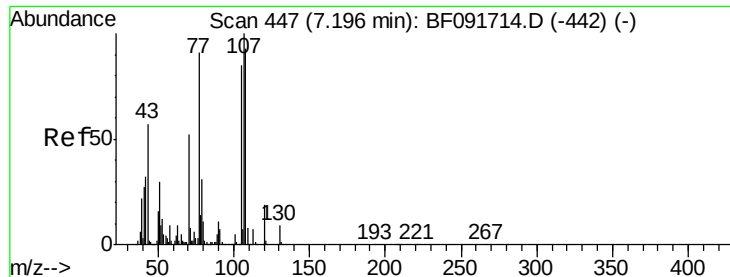


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

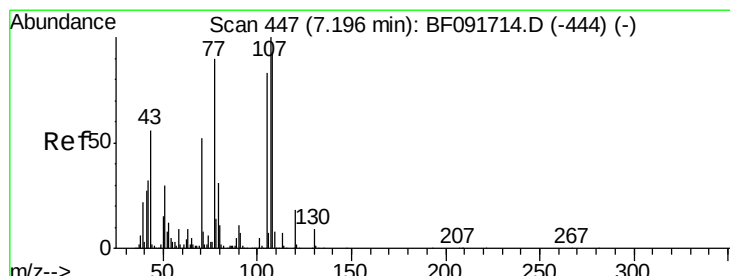
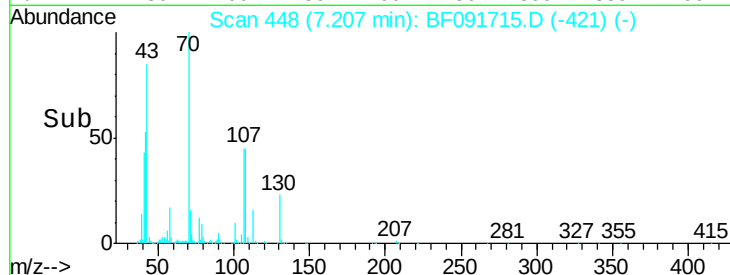
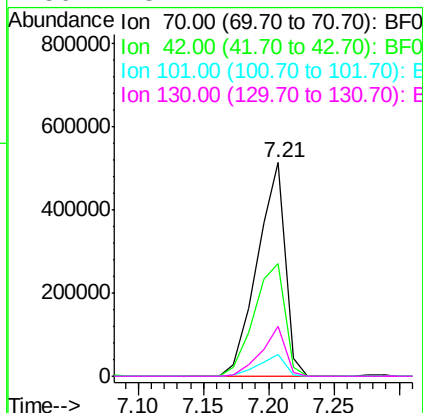
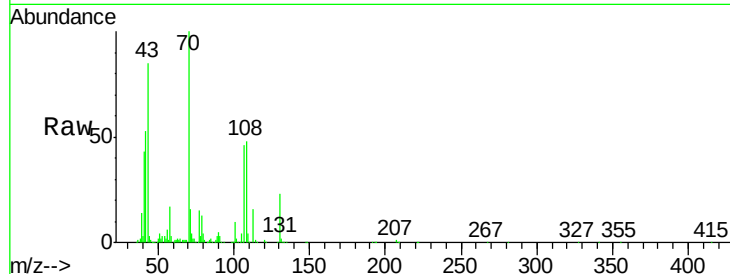




#19
n-Nitroso-di-n-propylamine
Concen: 50.89 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

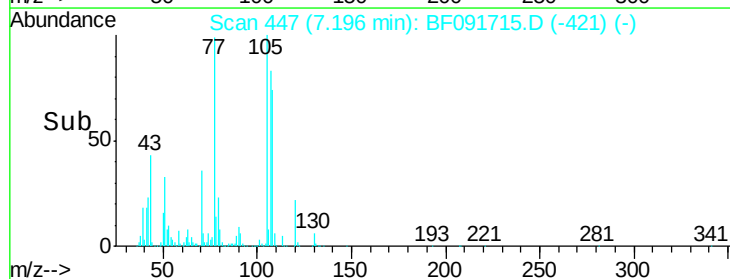
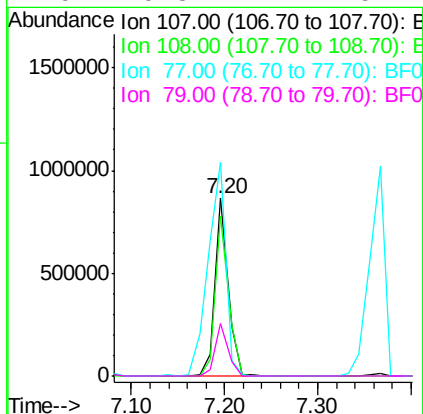
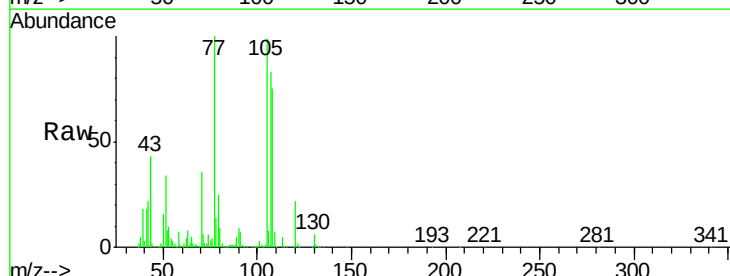
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

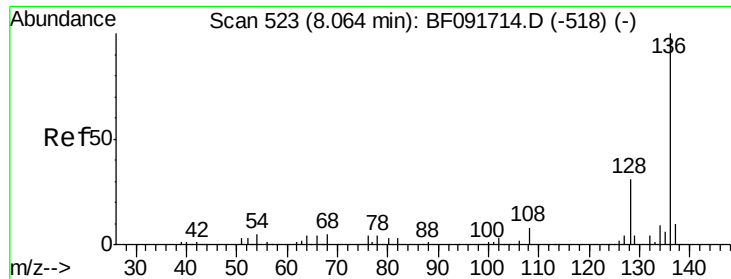
Tgt Ion: 70 Resp: 765363
Ion Ratio Lower Upper
70 100
42 52.8 49.4 74.0
101 10.2 7.4 11.2
130 23.2 14.2 21.4#



#20
3+4-Methylphenols
Concen: 37.61 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion: 107 Resp: 840247
Ion Ratio Lower Upper
107 100
108 89.9 73.0 113.0
77 120.1 71.3 111.3#
79 29.8 11.1 51.1

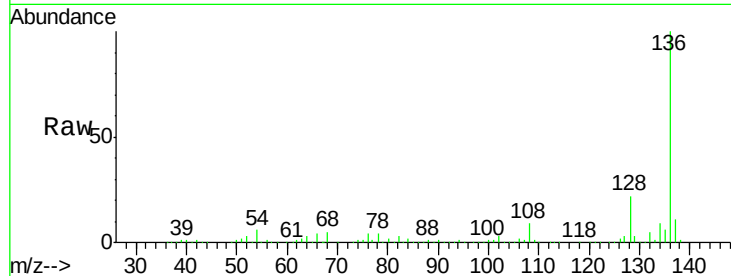




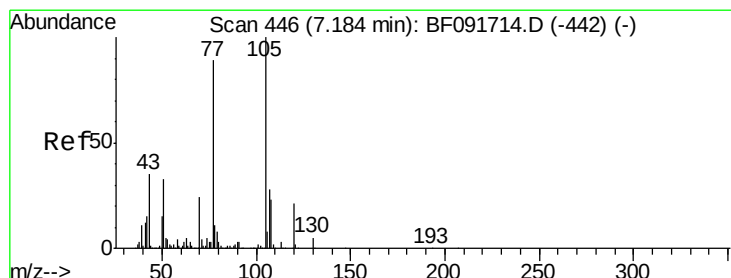
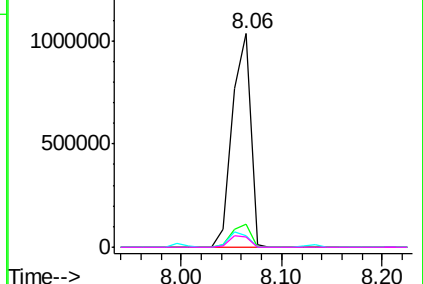
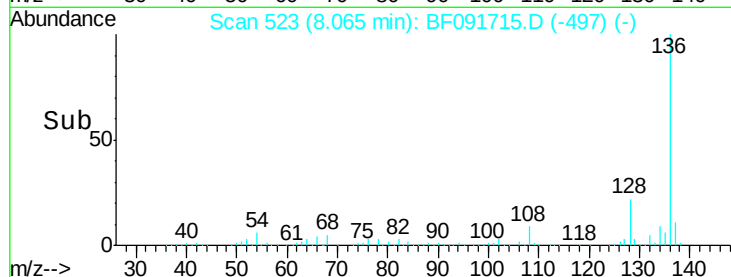
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:136 Resp: 1309028
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 5.6 4.5 6.7
68 4.9 3.6 5.4

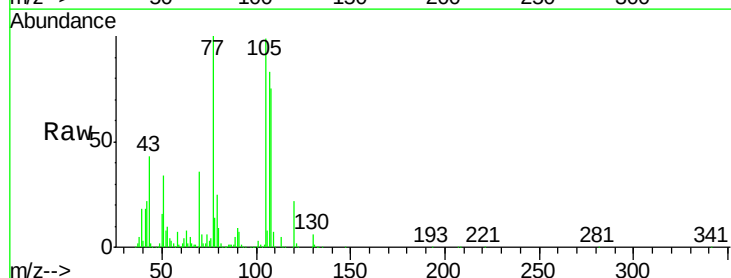


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

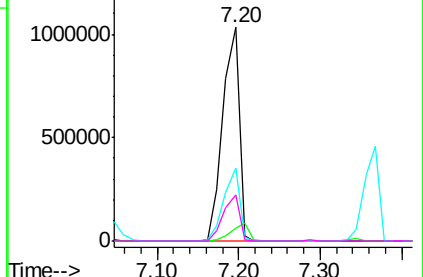
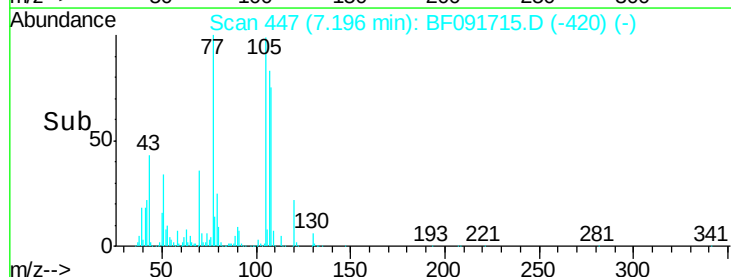


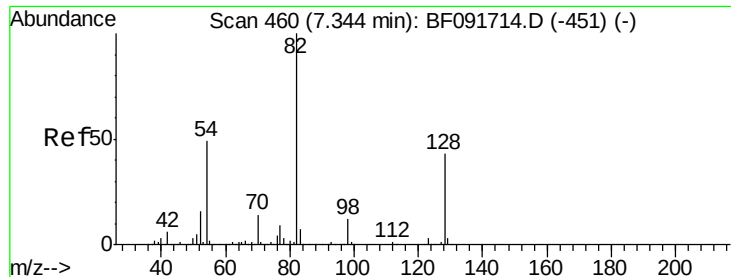
#22
Acetophenone
Concen: 45.56 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:105 Resp: 1441876
Ion Ratio Lower Upper
105 100
71 5.9 3.2 4.8#
51 34.1 26.2 39.4
120 21.7 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

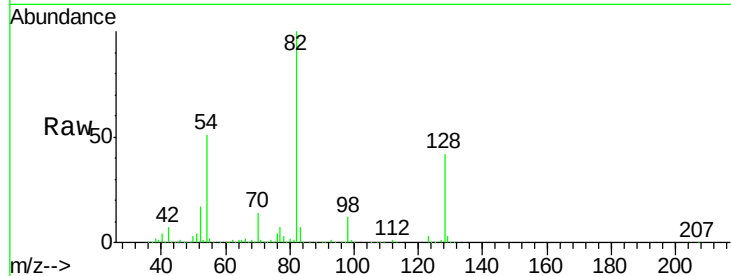




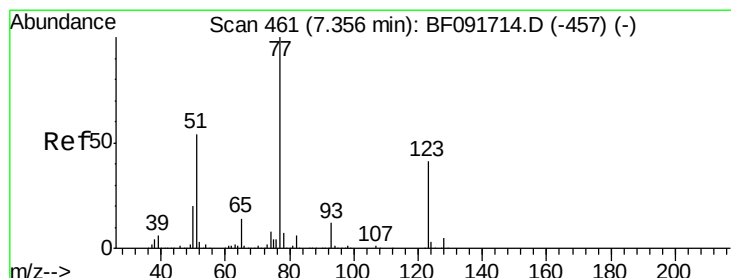
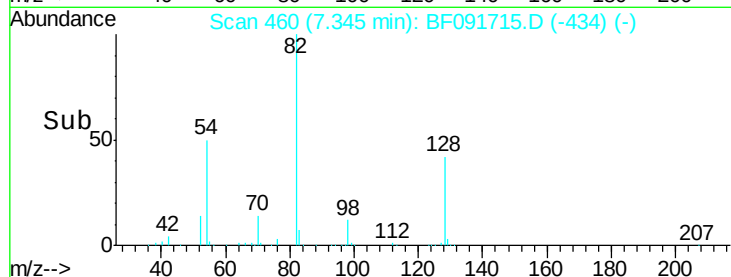
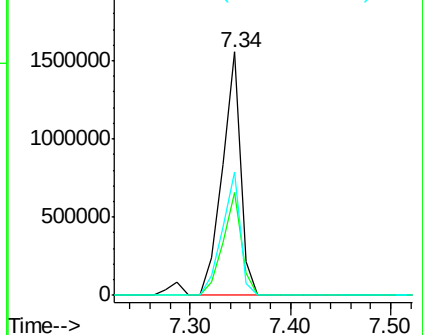
#23
Nitrobenzene-d5
Concen: 82.59 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 82 Resp: 1960173
Ion Ratio Lower Upper
82 100
128 42.4 34.6 52.0
54 50.8 39.5 59.3

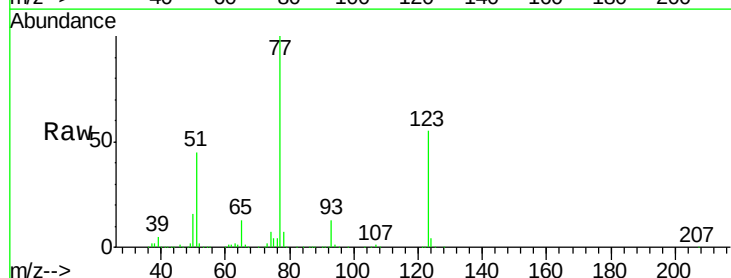


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

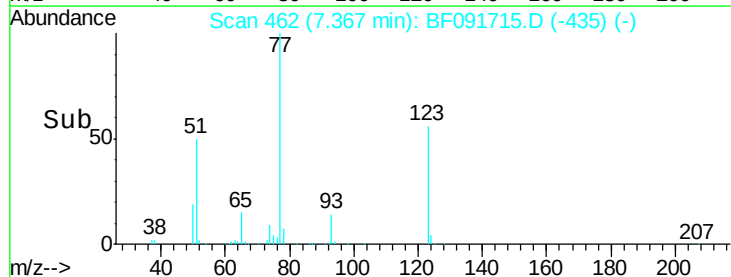
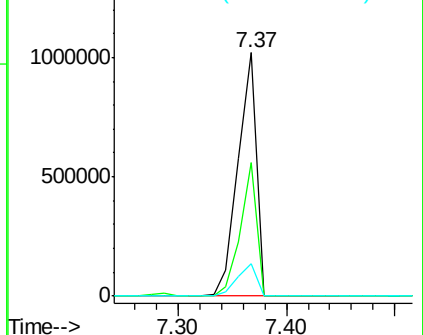


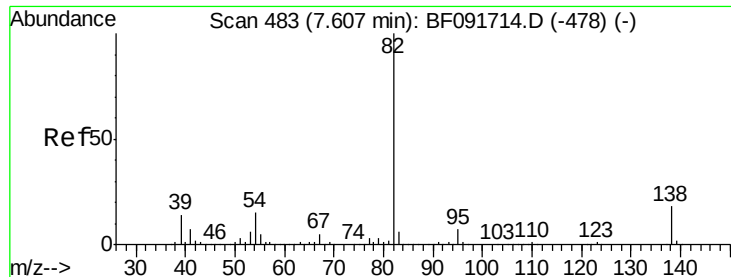
#24
Nitrobenzene
Concen: 48.27 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.01 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion: 77 Resp: 1178289
Ion Ratio Lower Upper
77 100
123 54.7 33.0 49.4#
65 13.1 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: 46.92 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

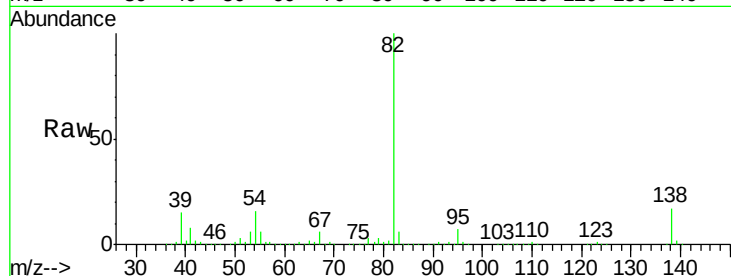
Tgt Ion: 82 Resp: 1989767

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

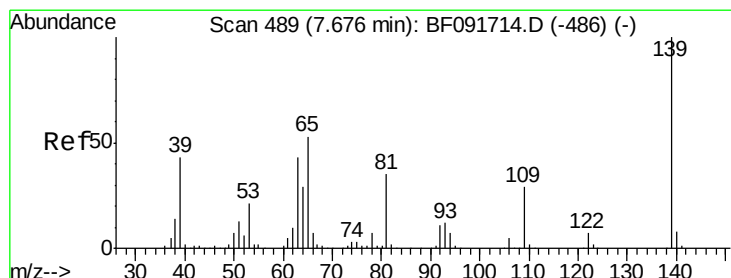
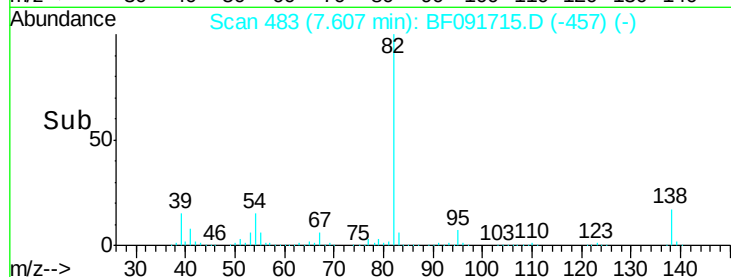
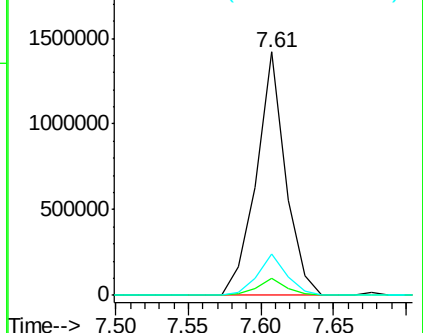
138 17.0 14.6 22.0



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: 46.71 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

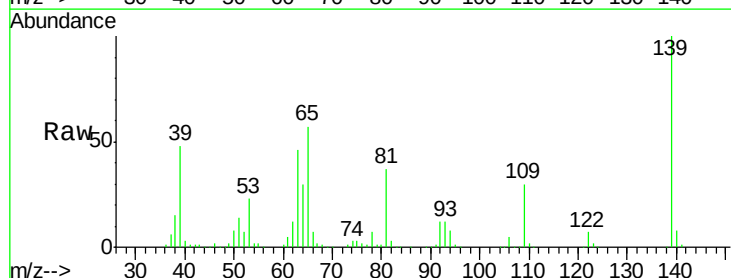
Tgt Ion: 139 Resp: 517175

Ion Ratio Lower Upper

139 100

109 30.3 23.3 34.9

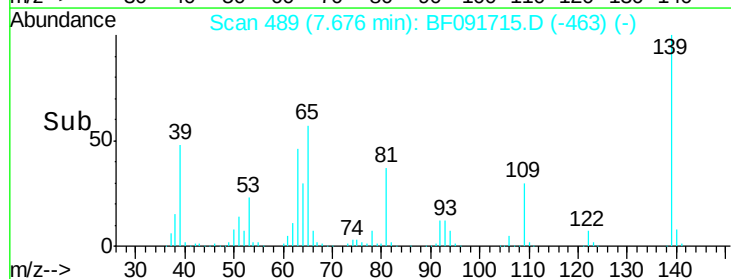
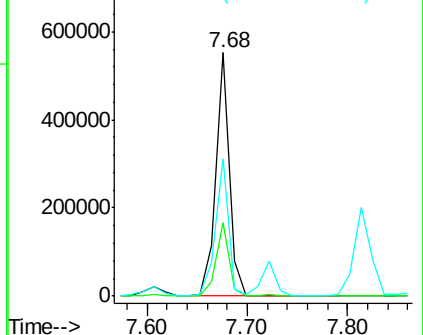
65 56.6 42.7 64.1

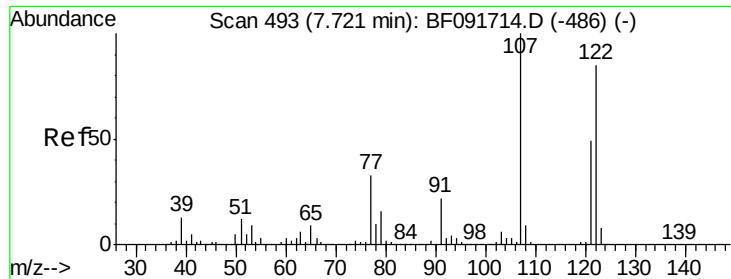


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

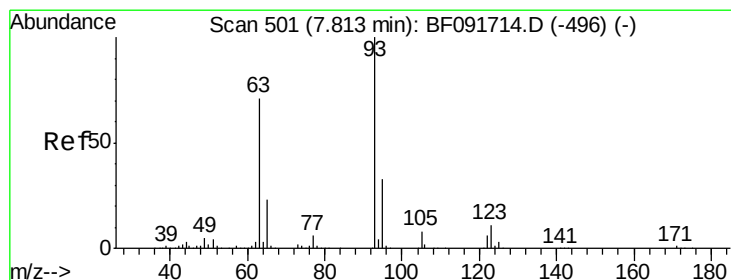
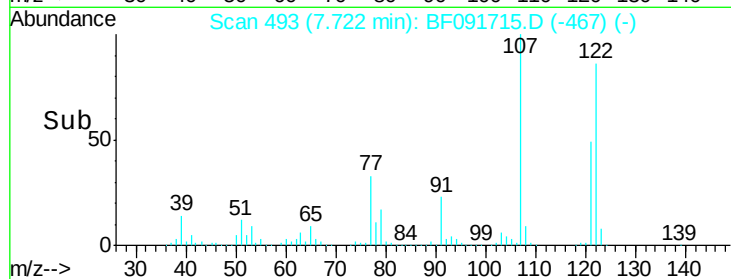
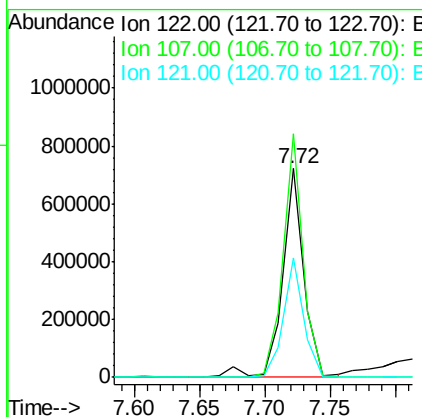
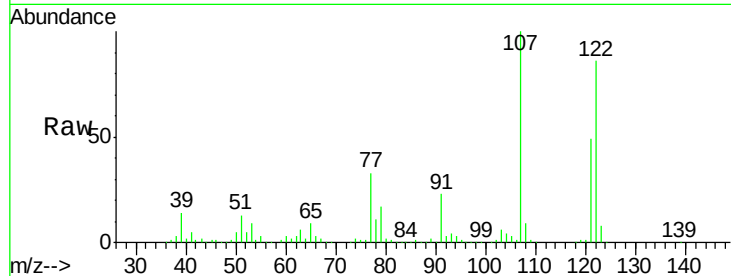




#27
 2,4-Dimethylphenol
 Concen: 42.55 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

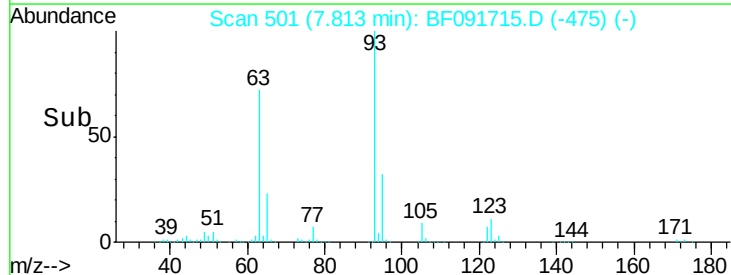
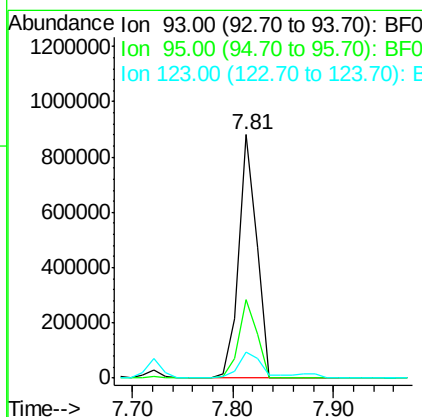
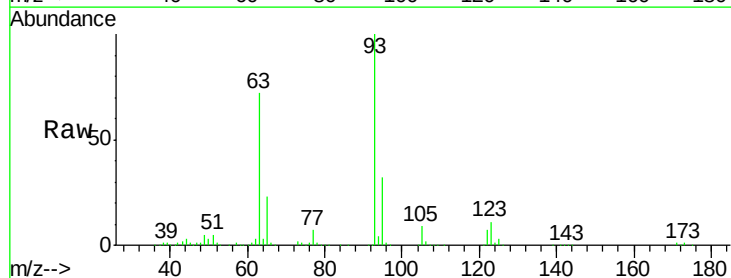
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

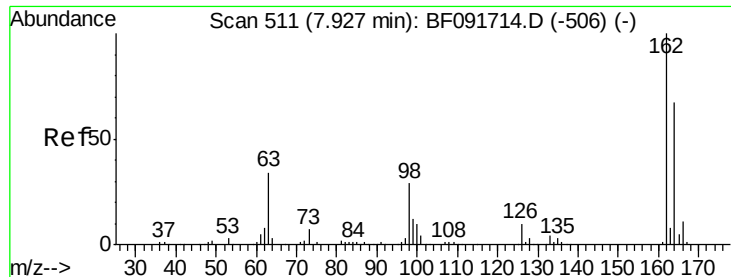
Tgt Ion:122 Resp: 830265
 Ion Ratio Lower Upper
 122 100
 107 116.6 94.1 141.1
 121 57.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.79 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion: 93 Resp: 1092944
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 10.6 8.6 13.0

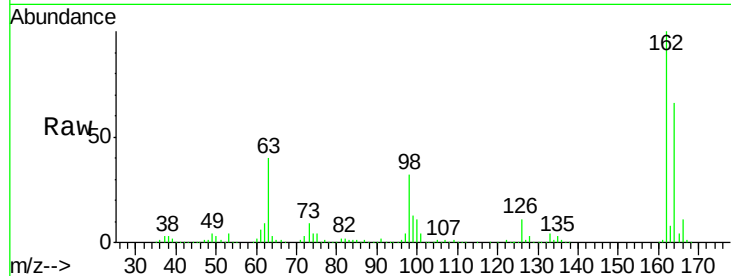




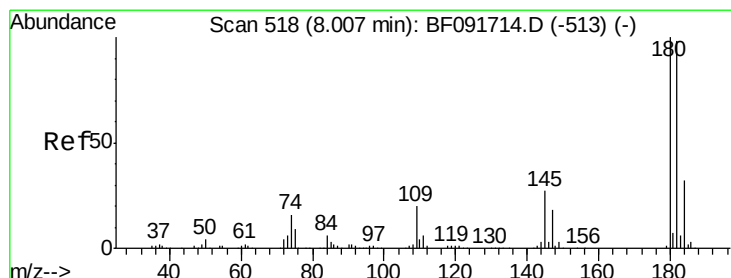
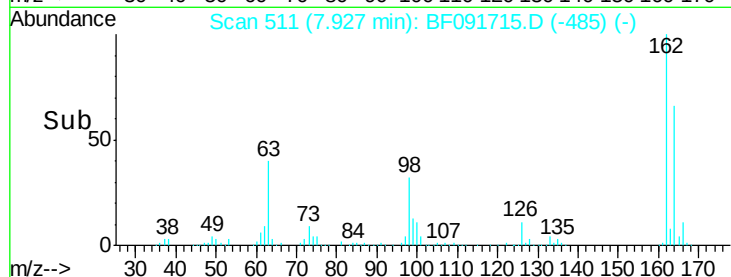
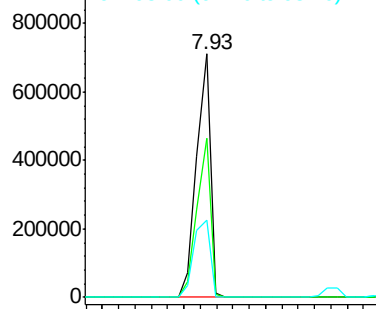
#29
2,4-Dichlorophenol
Concen: 49.53 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 834322
Ion Ratio Lower Upper
162 100
164 65.5 46.8 86.8
98 32.0 9.1 49.1

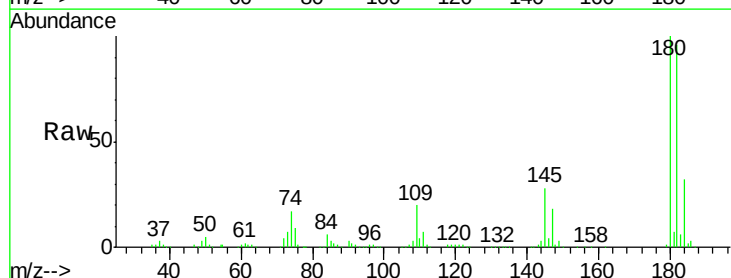


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

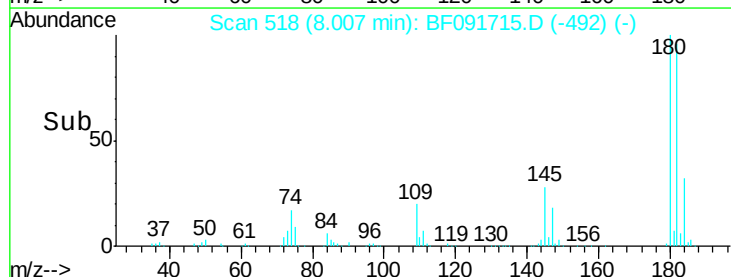
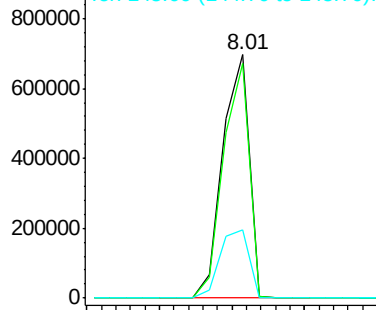


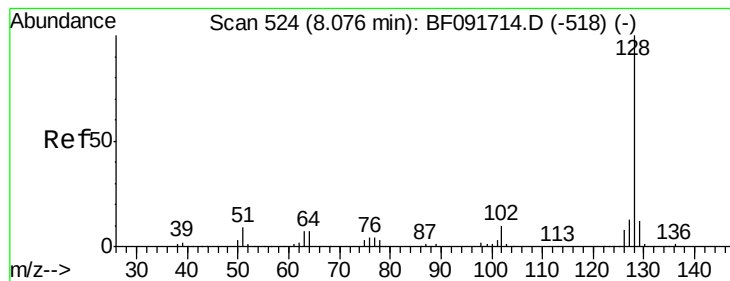
#30
1,2,4-Trichlorobenzene
Concen: 45.78 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:180 Resp: 880519
Ion Ratio Lower Upper
180 100
182 96.3 78.2 117.4
145 27.8 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: 44.85 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

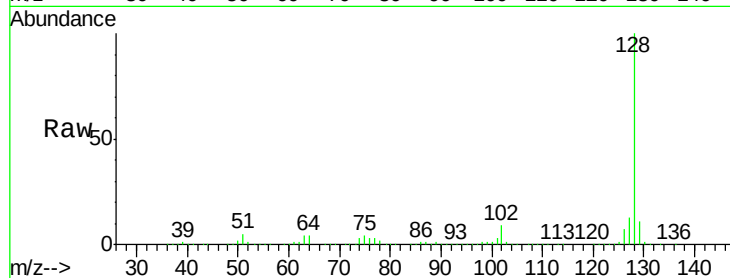
Tgt Ion:128 Resp: 2763799

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

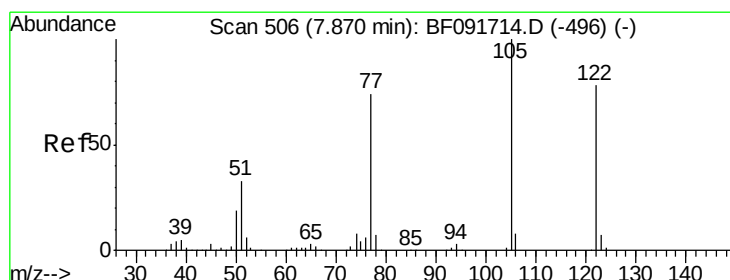
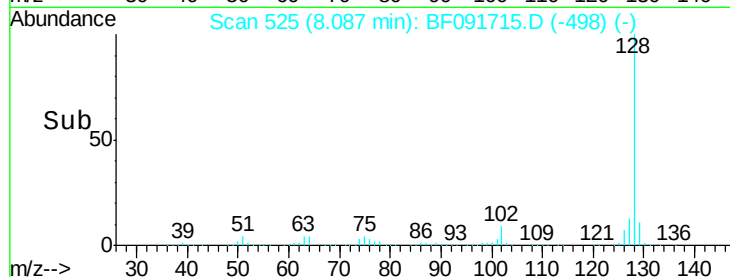
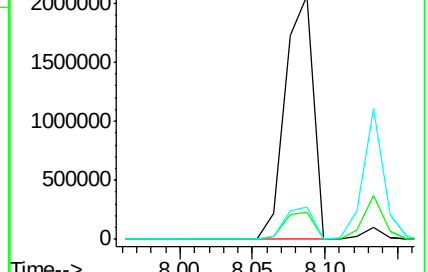
127 13.4 10.8 16.2



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: 54.89 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

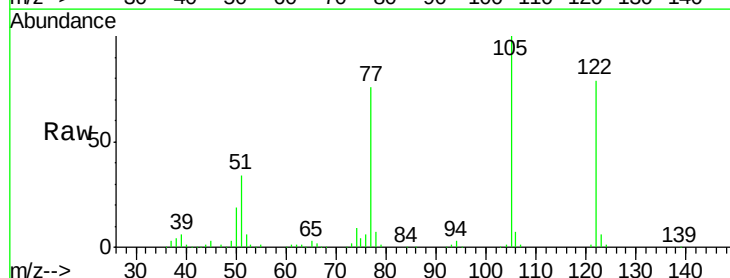
Tgt Ion:122 Resp: 730687

Ion Ratio Lower Upper

122 100

105 125.8 107.2 147.2

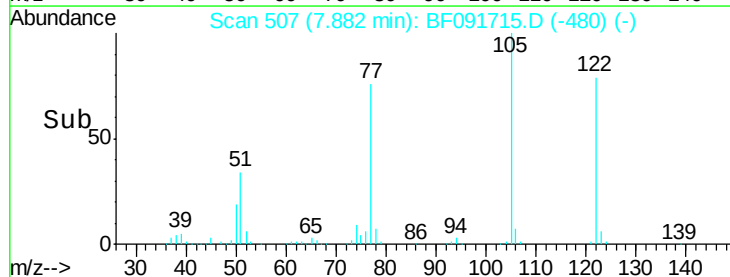
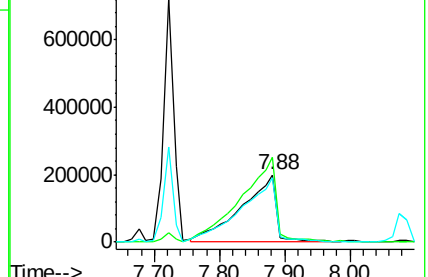
77 95.8 74.5 114.5

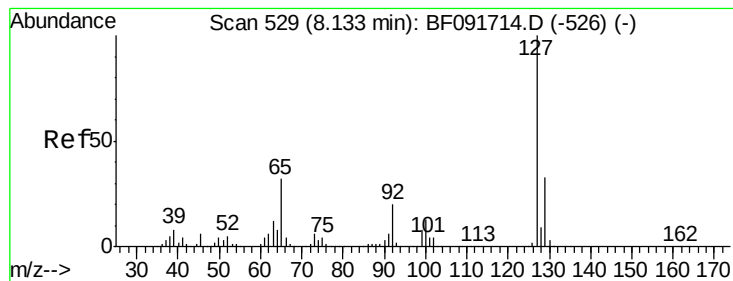


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 42.39 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 1127636

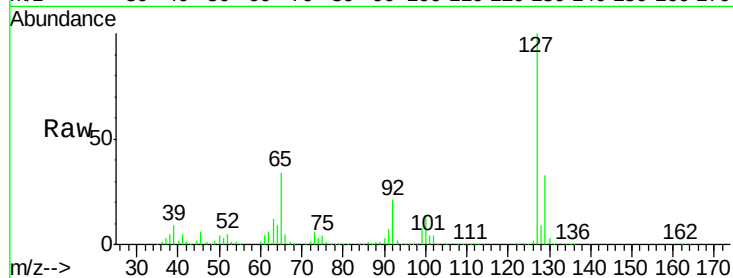
Ion Ratio Lower Upper

127 100

129 33.2 26.3 39.5

65 34.0 25.8 38.8

92 20.6 16.1 24.1

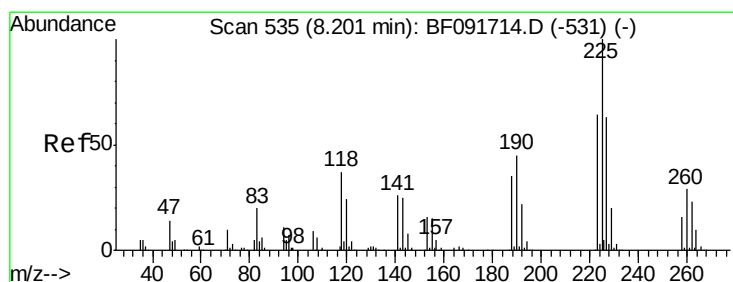
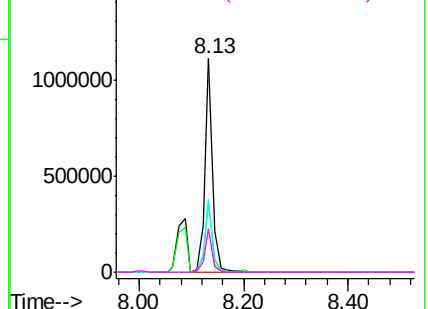
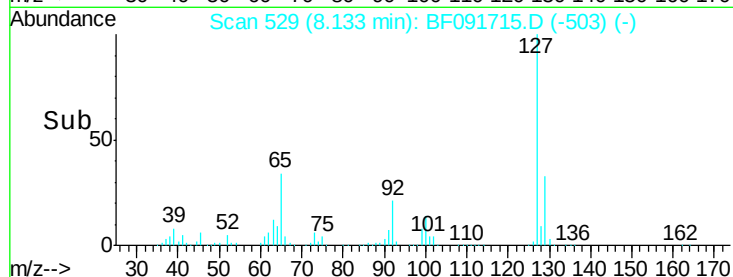


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.80 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

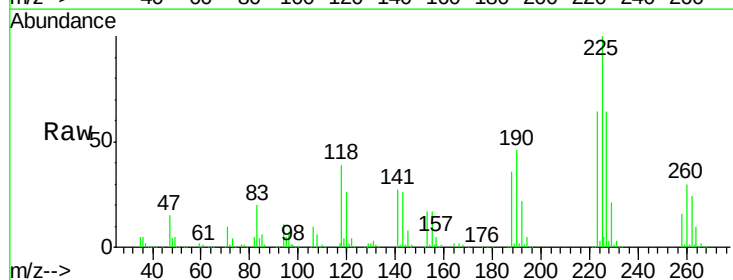
Tgt Ion:225 Resp: 465460

Ion Ratio Lower Upper

225 100

223 64.0 51.0 76.6

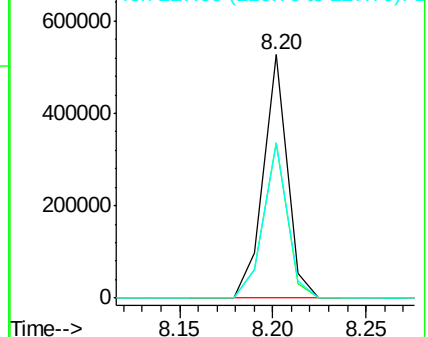
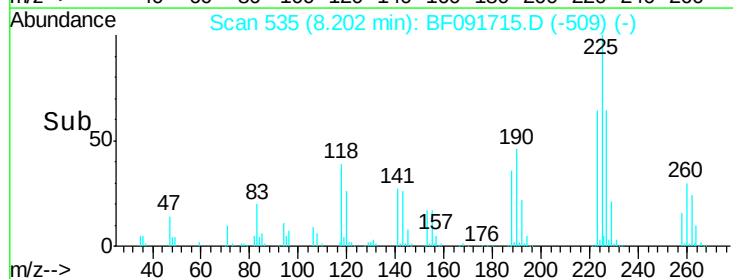
227 63.7 50.6 76.0

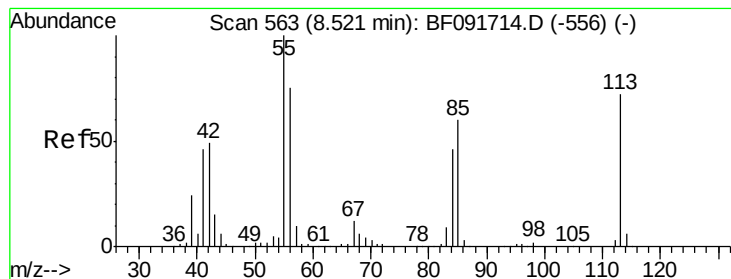


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.55 ng

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

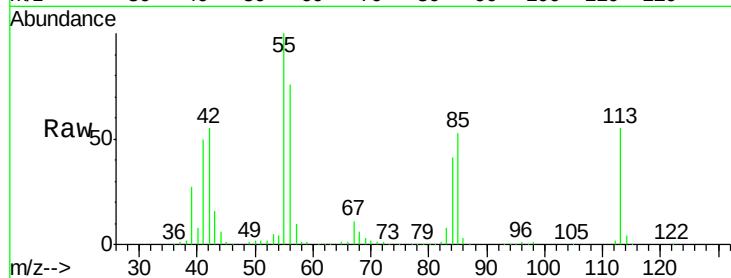
Tgt Ion:113 Resp: 249254

Ion Ratio Lower Upper

113 100

55 180.7 119.2 159.2#

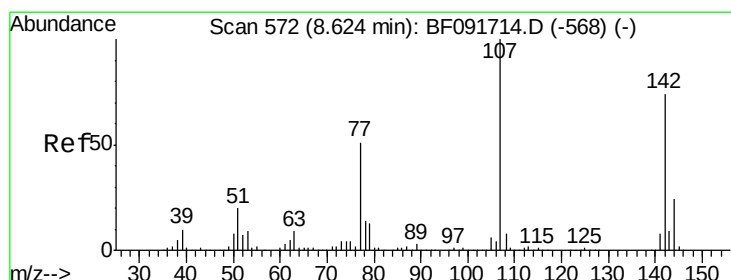
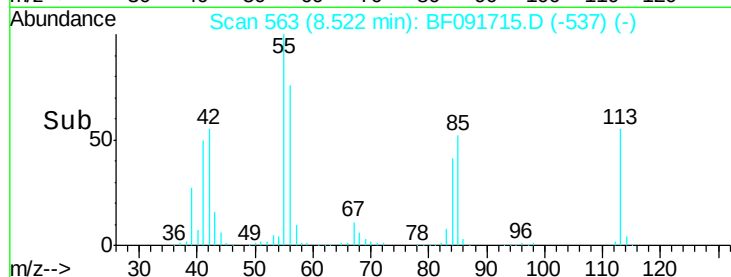
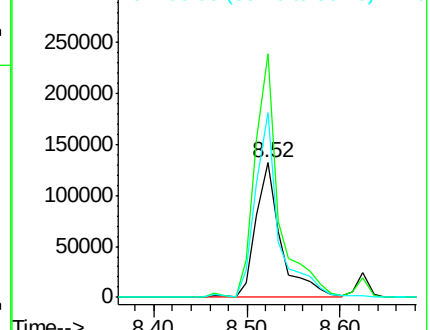
56 136.9 83.8 123.8#



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: 43.00 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

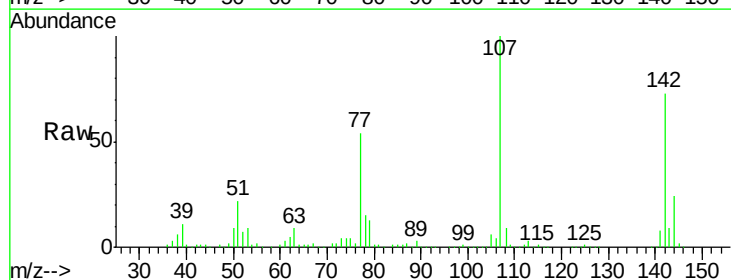
Tgt Ion:107 Resp: 813265

Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

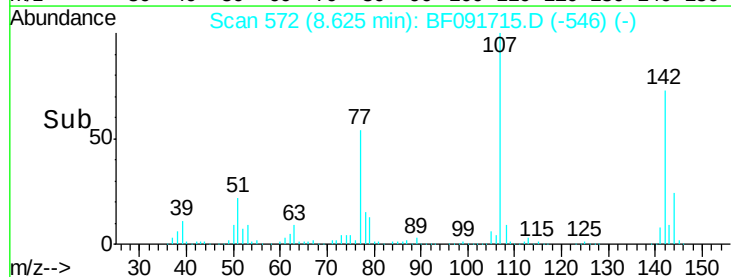
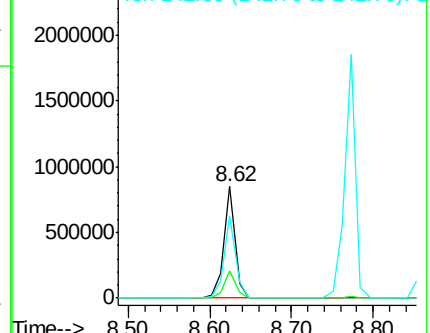
142 73.4 59.0 88.6

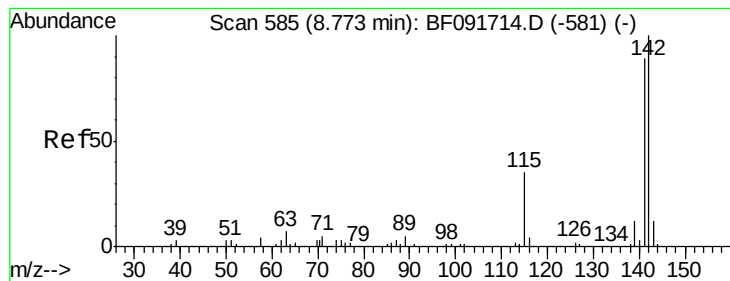


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.64 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

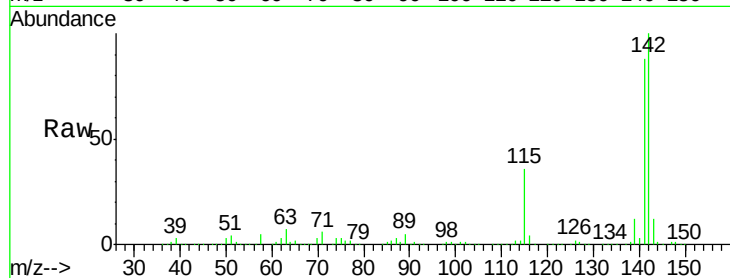
Tgt Ion:142 Resp: 1742561

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

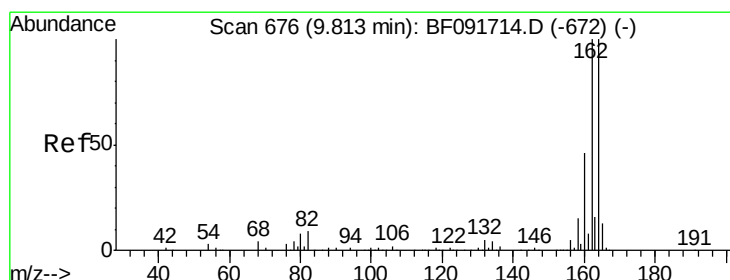
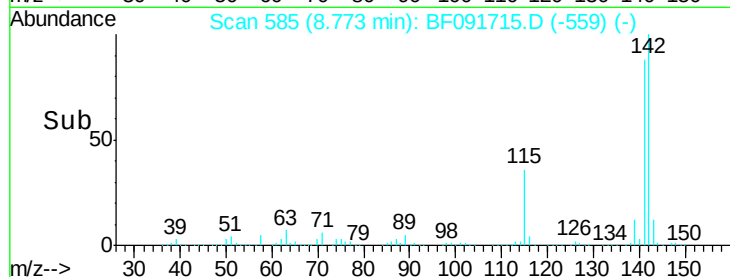
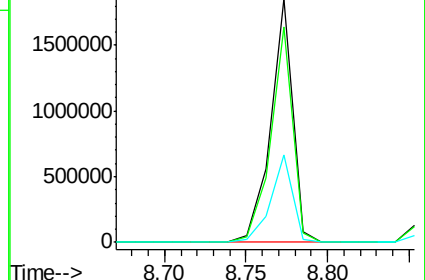
115 35.7 28.3 42.5



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: BF091715.D

Acq: 17 Dec 2016 15:15

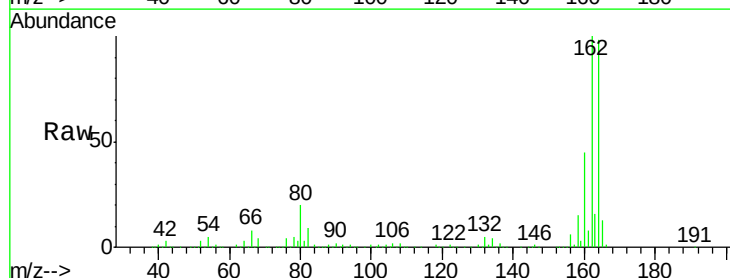
Tgt Ion:164 Resp: 683123

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

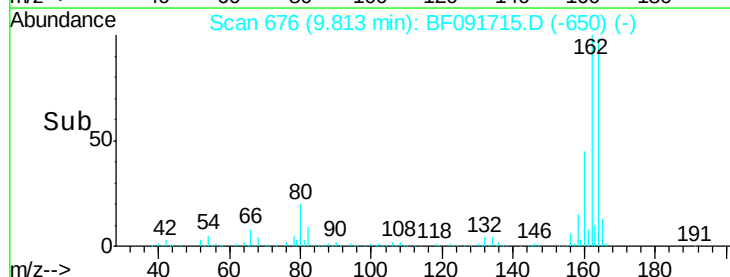
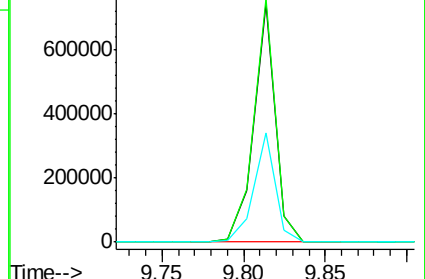
160 45.7 36.9 55.3

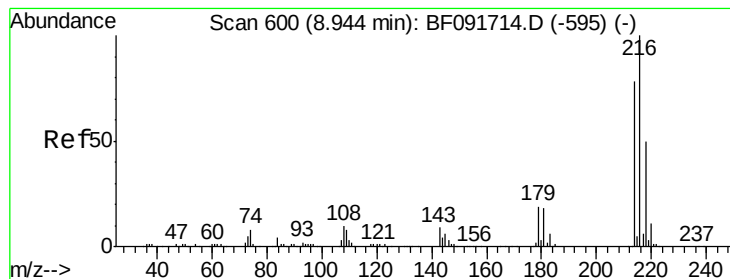


Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.77 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:216 Resp: 787950

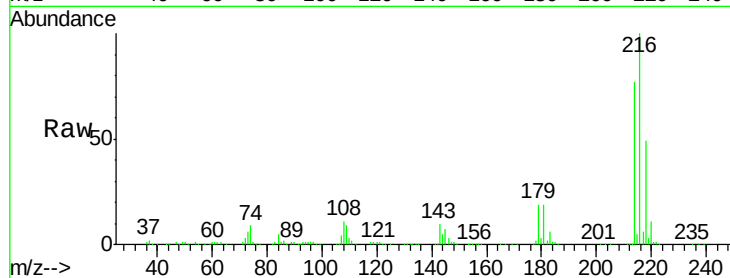
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 22.0 17.4 26.2

108 19.7 15.6 23.4

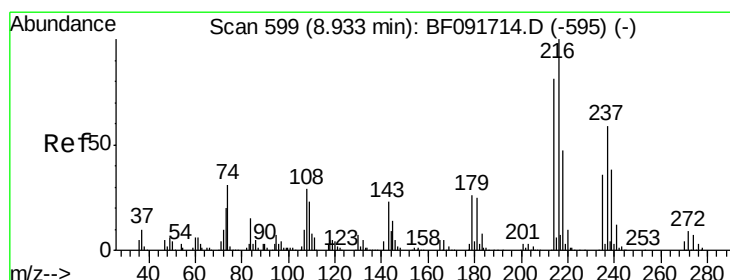
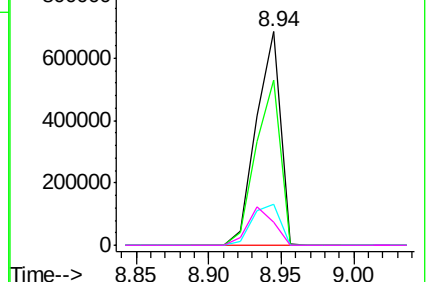
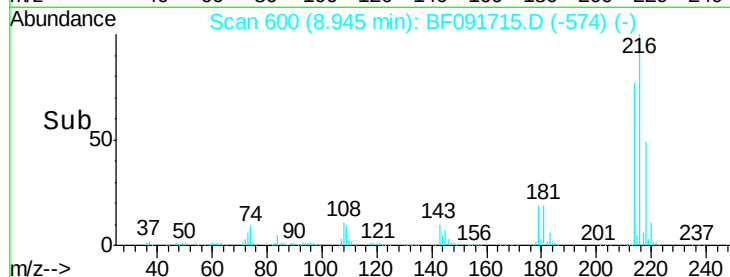


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 45.41 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

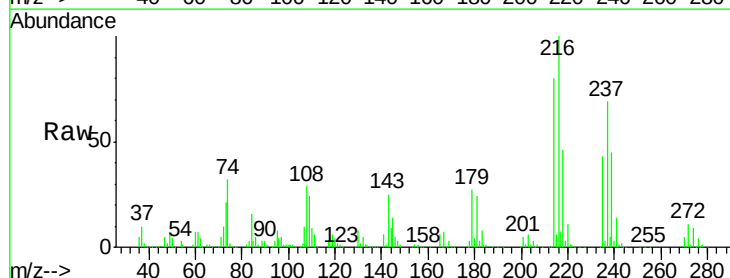
Tgt Ion:237 Resp: 378400

Ion Ratio Lower Upper

237 100

235 62.0 41.2 81.2

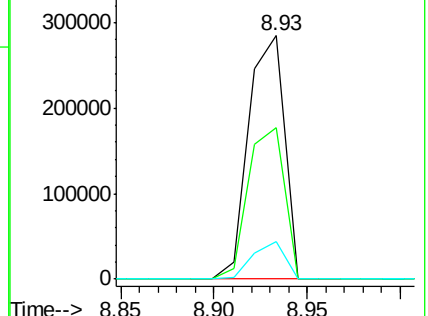
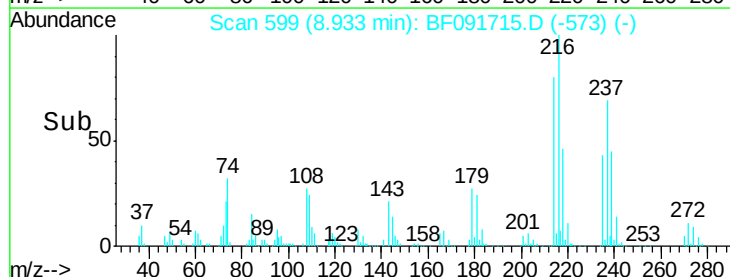
272 15.3 0.0 35.4

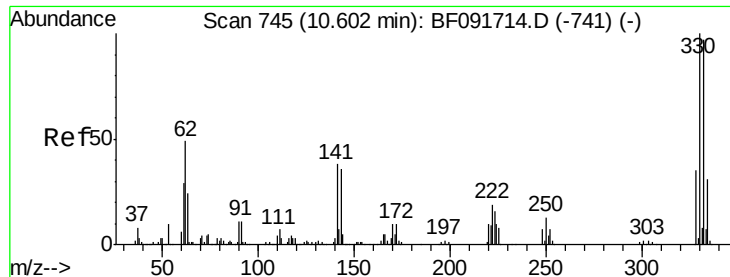


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

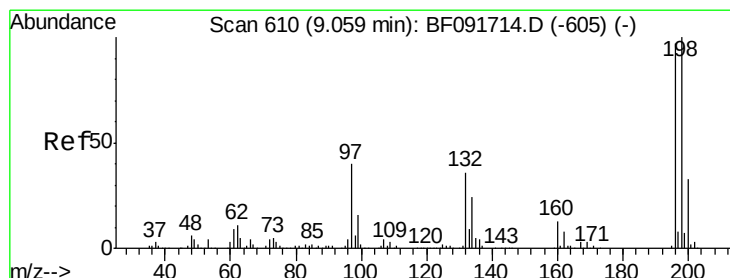
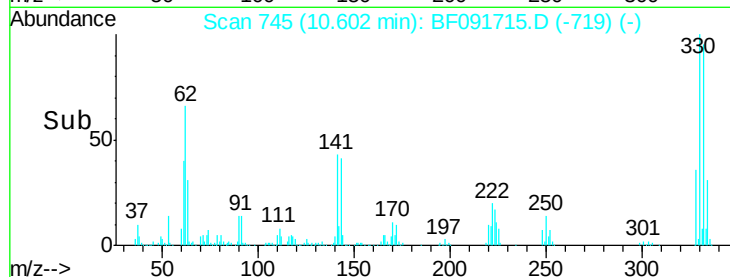
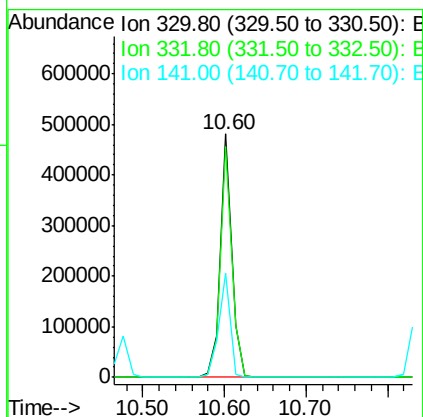
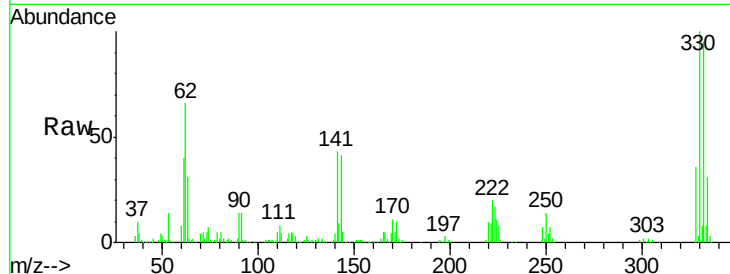




#41
 2,4,6-Tribromophenol
 Concen: 82.14 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

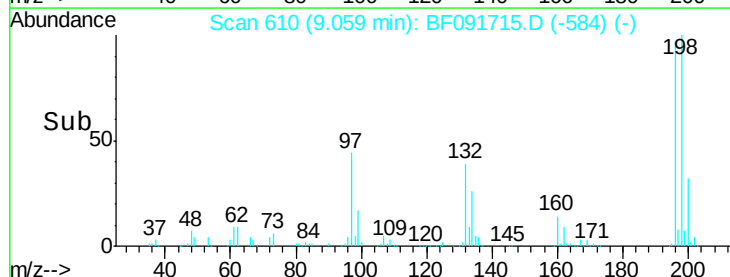
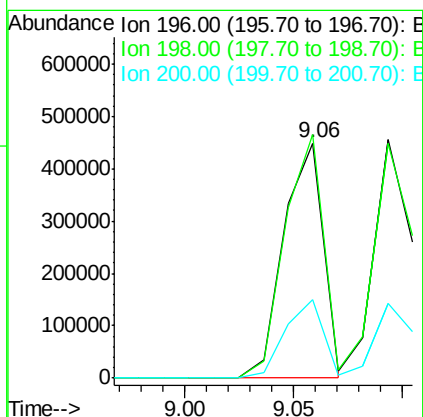
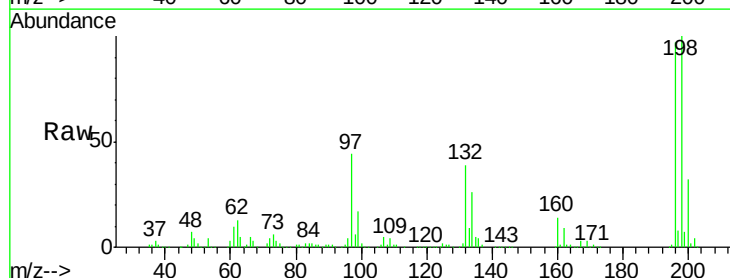
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

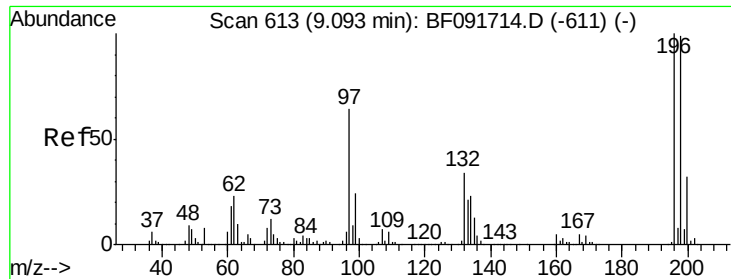
Tgt Ion:330 Resp: 468184
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 42.7 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 47.41 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion:196 Resp: 571379
 Ion Ratio Lower Upper
 196 100
 198 103.5 82.1 123.1
 200 33.3 27.0 40.4

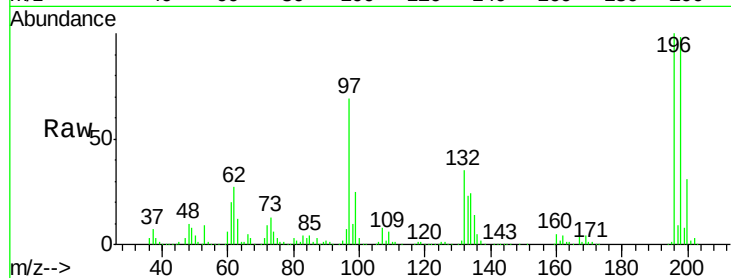




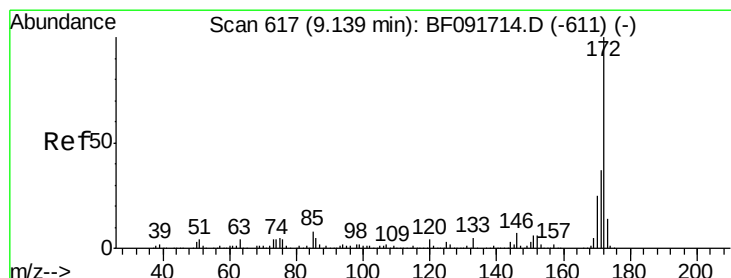
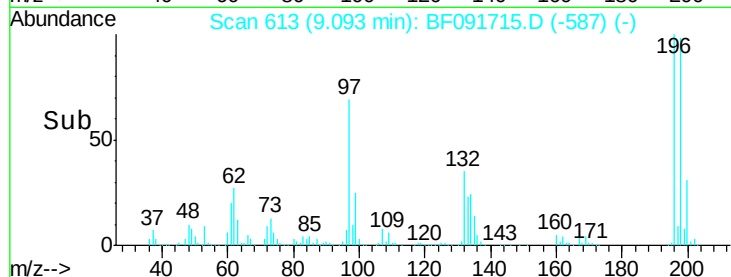
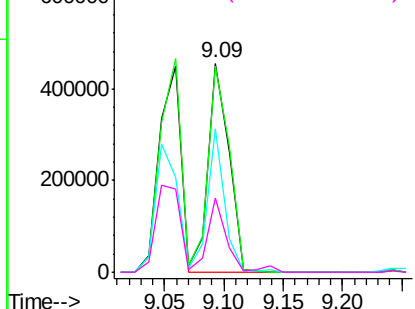
#43
 2,4,5-Trichlorophenol
 Concen: 44.08 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 550833
 Ion Ratio Lower Upper
 196 100
 198 98.4 79.4 119.2
 97 68.9 51.5 77.3
 132 35.4 27.4 41.2

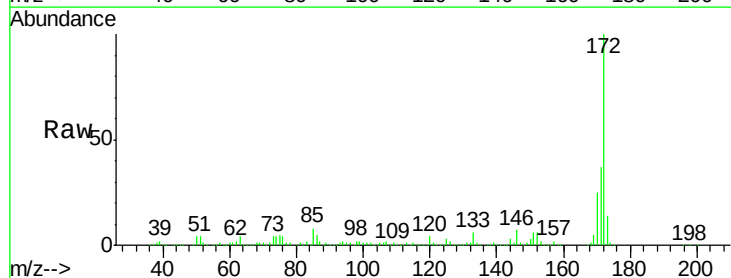


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

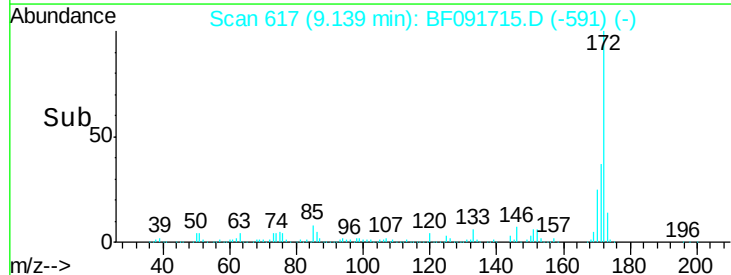
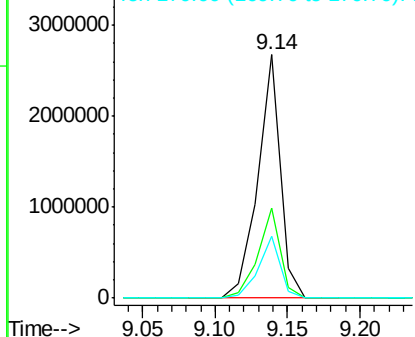


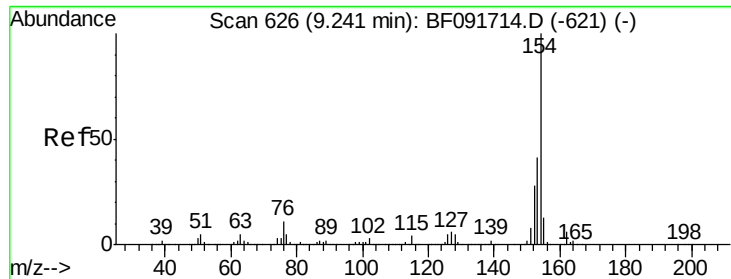
#44
 2-Fluorobiphenyl
 Concen: 74.29 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion:172 Resp: 2880414
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 25.5 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

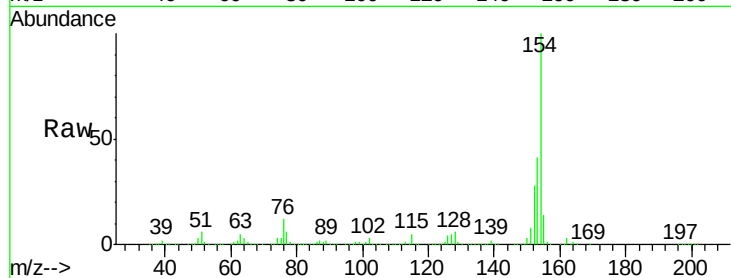




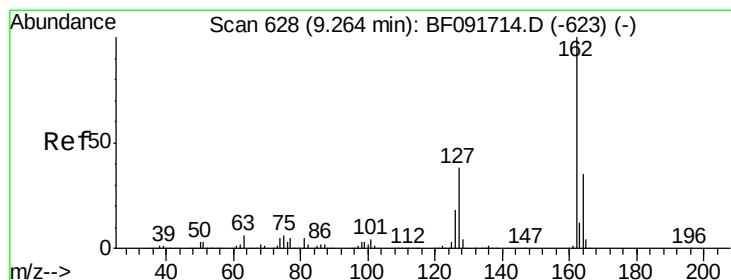
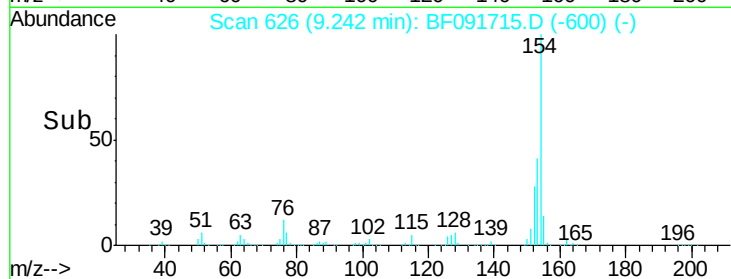
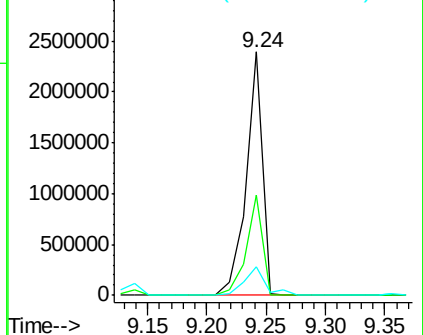
#45
 1,1'-Biphenyl
 Concen: 44.99 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:154 Resp: 2275220
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 11.9 0.0 30.5

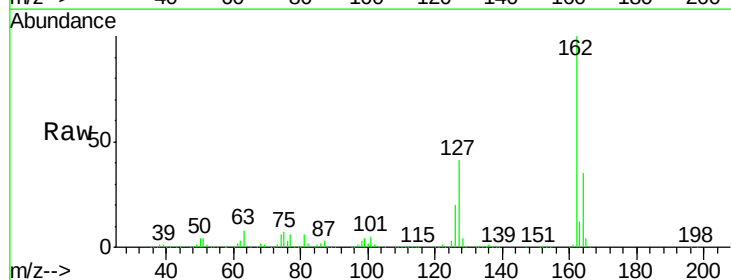


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

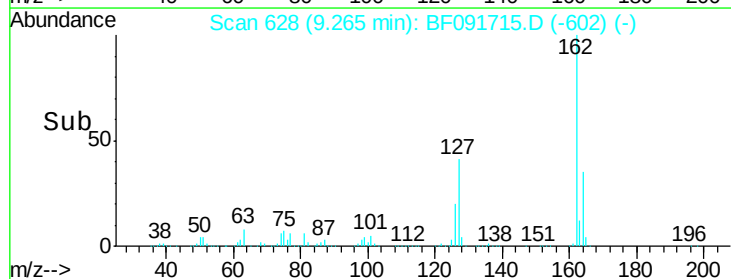
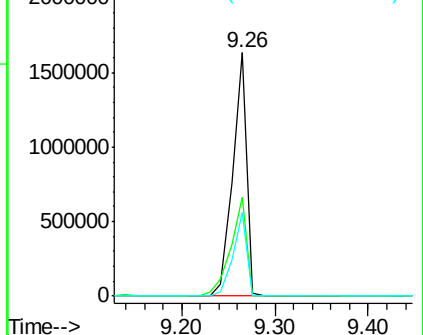


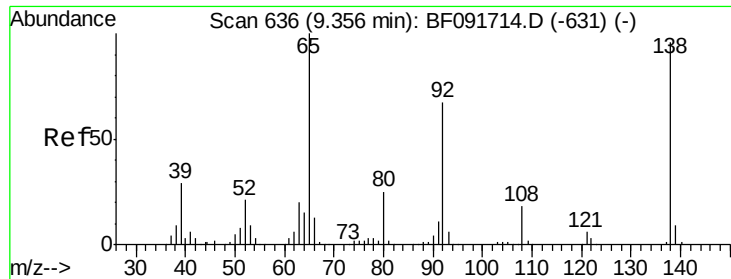
#46
 2-Chloronaphthalene
 Concen: 44.14 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion:162 Resp: 1715180
 Ion Ratio Lower Upper
 162 100
 127 40.7 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

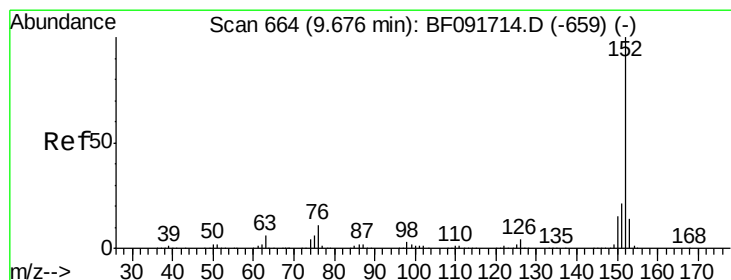
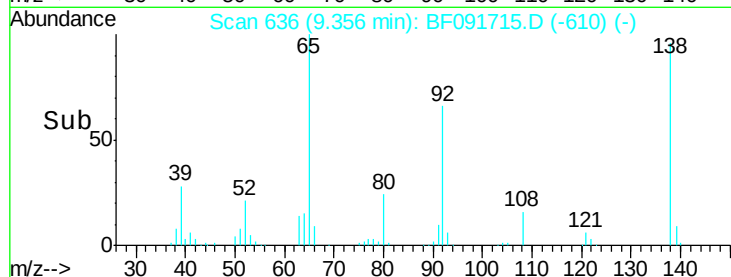
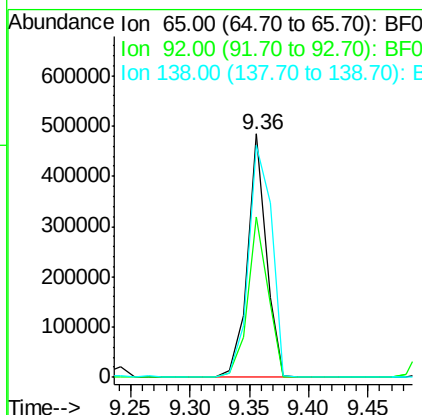
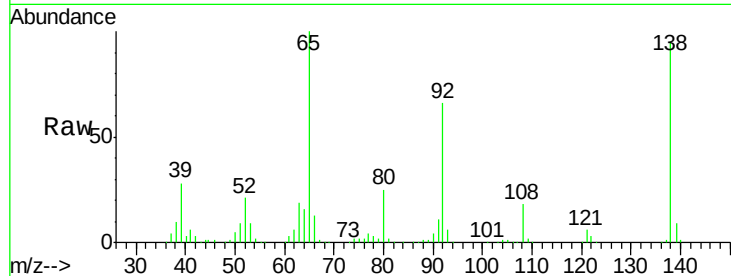




#47
2-Nitroaniline
Concen: 42.23 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

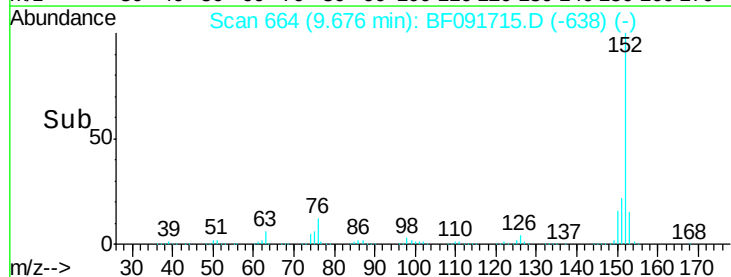
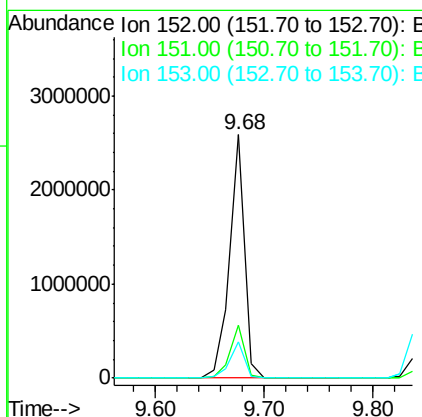
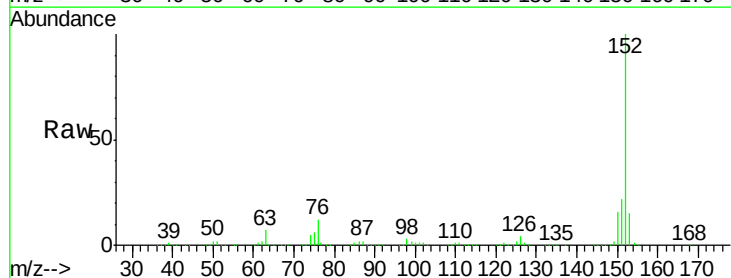
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

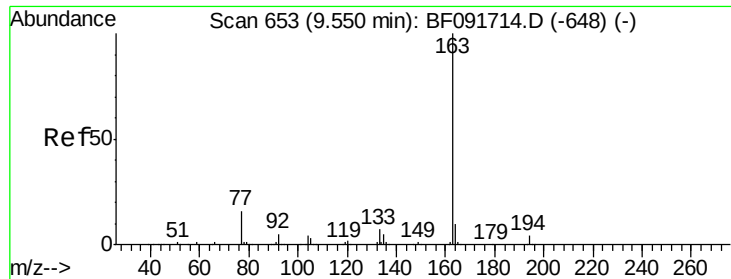
Tgt Ion: 65 Resp: 537924
Ion Ratio Lower Upper
65 100
92 66.1 53.9 80.9
138 95.2 76.8 115.2



#48
Acenaphthylene
Concen: 41.63 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion: 152 Resp: 2445792
Ion Ratio Lower Upper
152 100
151 21.5 16.9 25.3
153 14.8 11.4 17.2

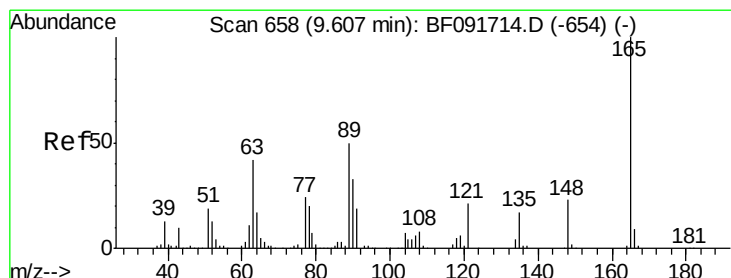
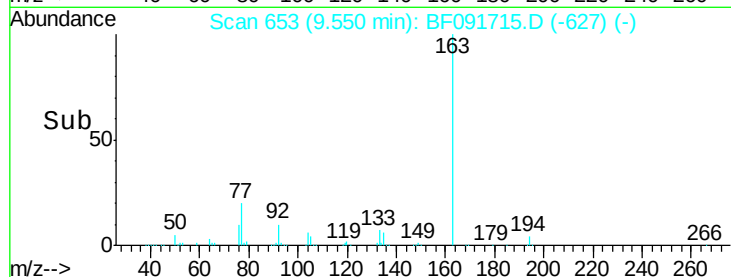
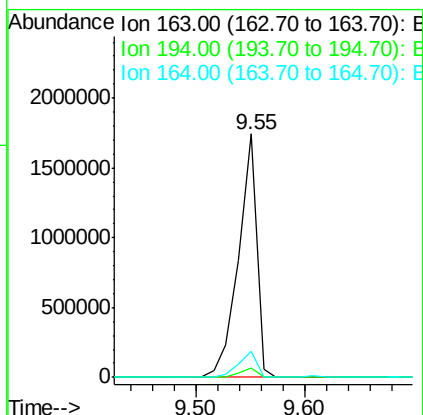
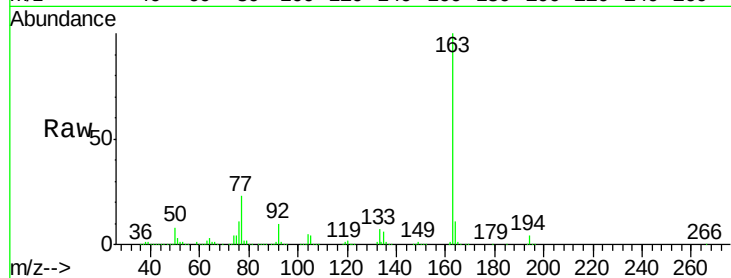




#49
Dimethylphthalate
Concen: 45.60 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

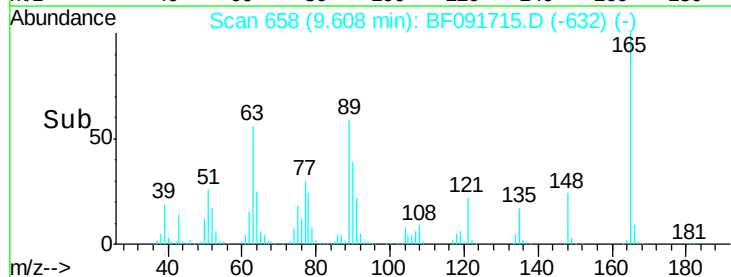
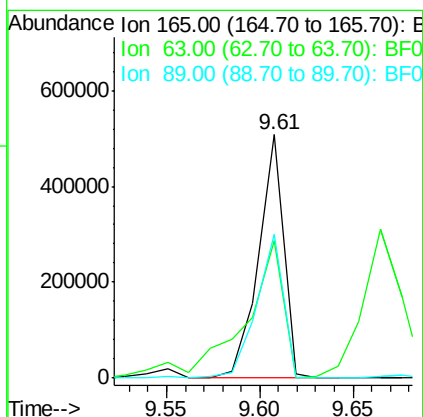
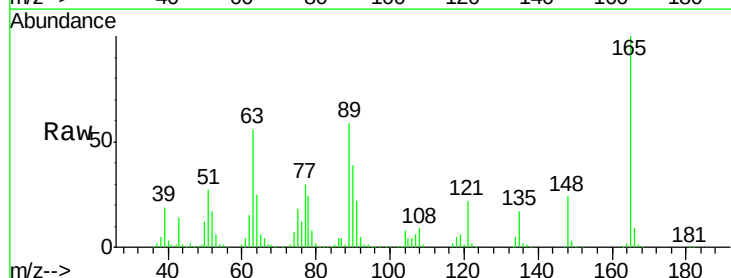
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

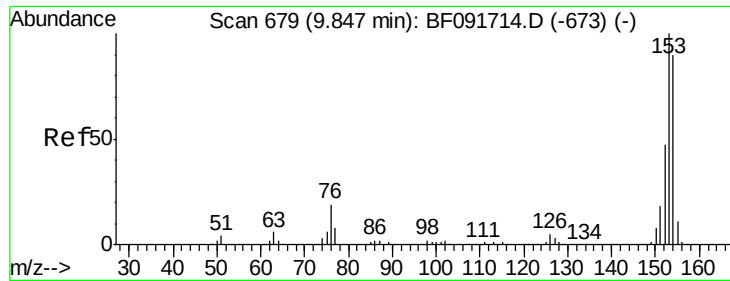
Tgt Ion:163 Resp: 1998788
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.6 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 48.98 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:165 Resp: 473403
Ion Ratio Lower Upper
165 100
63 56.4 36.2 54.4#
89 59.2 40.2 60.4





#51

Acenaphthene

Concen: 41.77 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

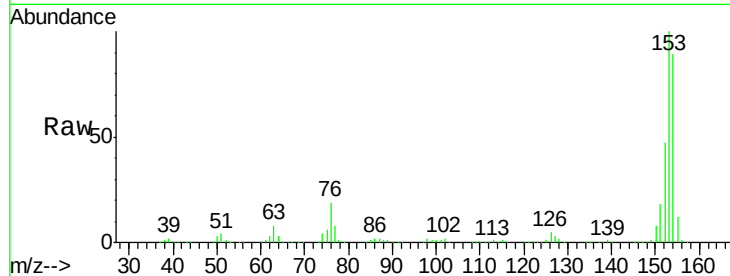
Tgt Ion:154 Resp: 1703074

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

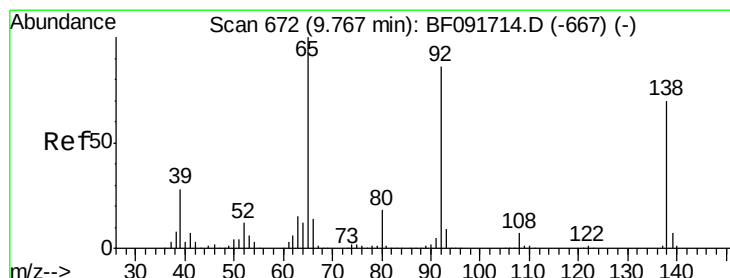
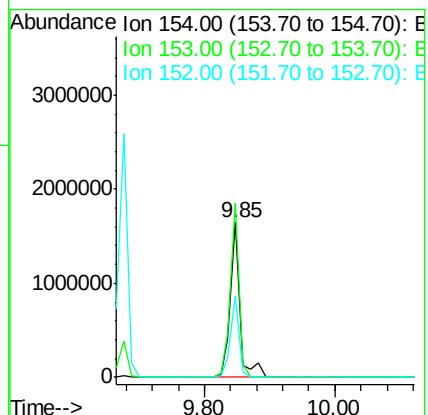
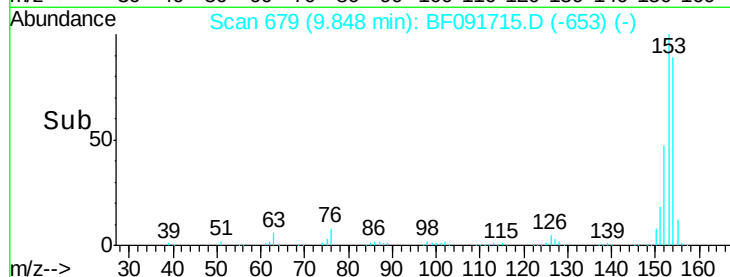
152 52.4 41.6 62.4



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: 53.92 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

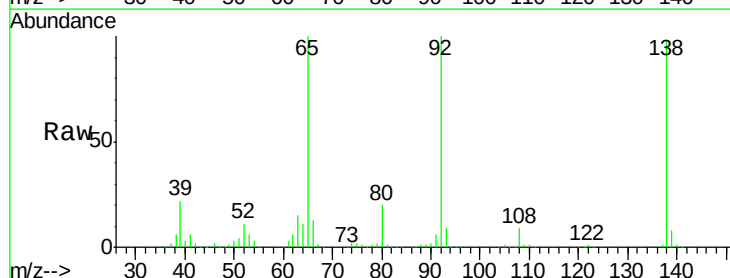
Tgt Ion:138 Resp: 606491

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

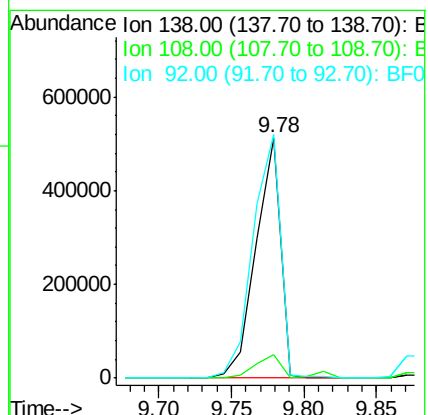
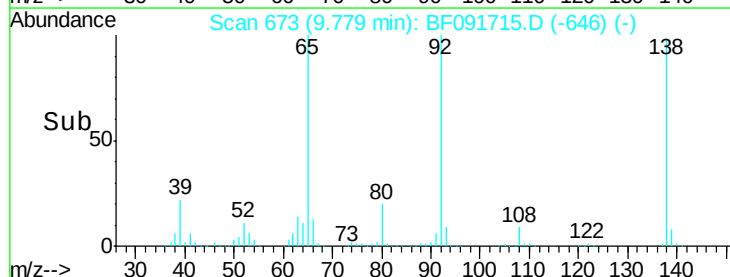
92 101.5 97.8 146.8

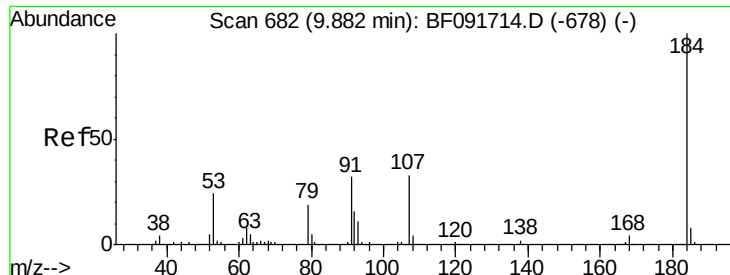


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

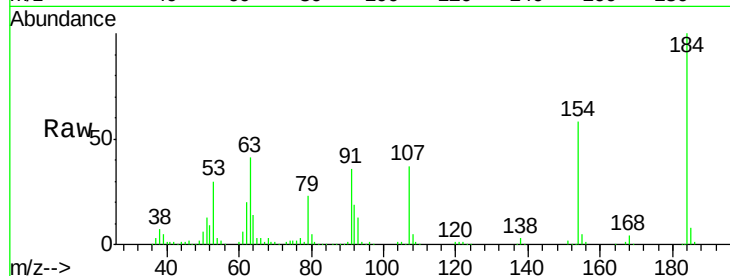




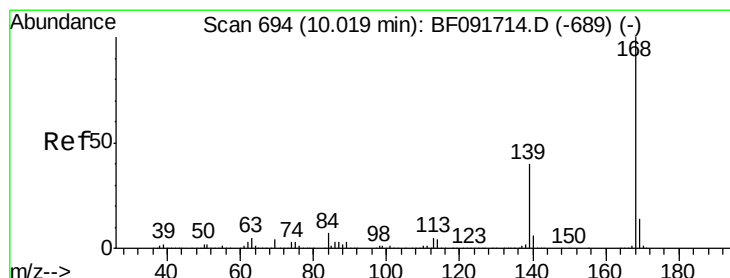
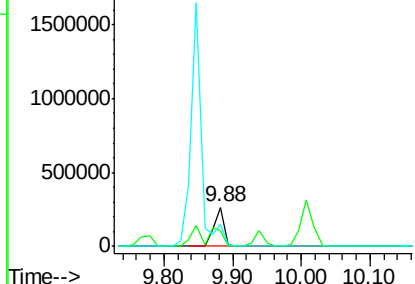
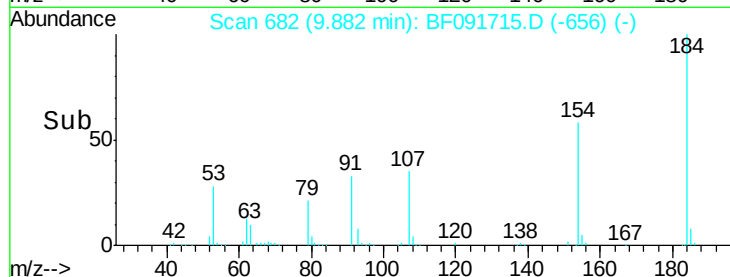
#53
2,4-Dinitrophenol
Concen: 75.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:184 Resp: 286078
Ion Ratio Lower Upper
184 100
63 40.7 28.4 42.6
154 58.4 44.3 66.5

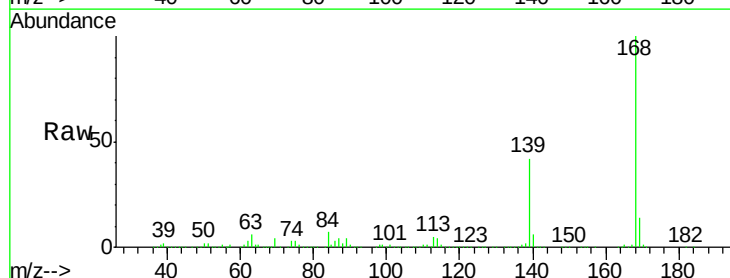


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

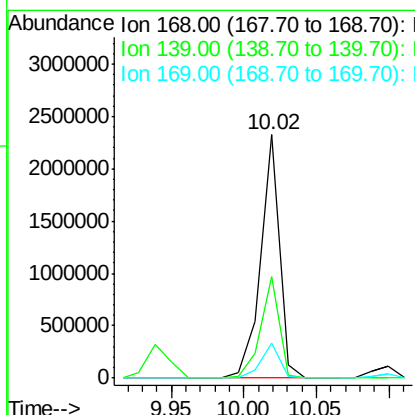
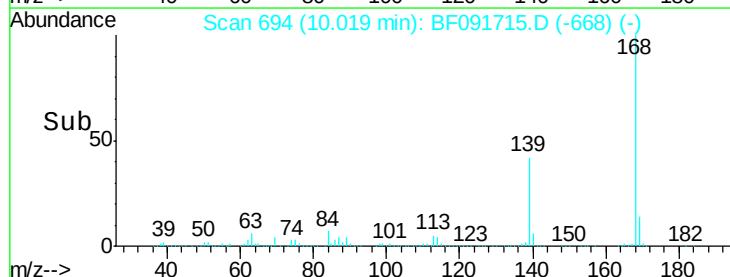


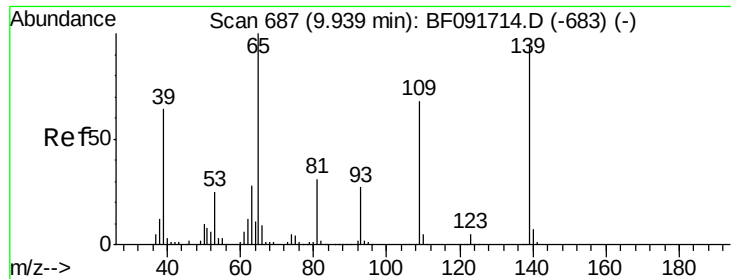
#54
Dibenzofuran
Concen: 41.32 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:168 Resp: 2088109
Ion Ratio Lower Upper
168 100
139 41.8 32.6 49.0
169 14.3 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

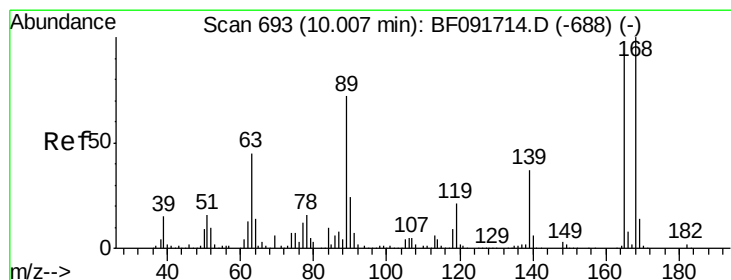
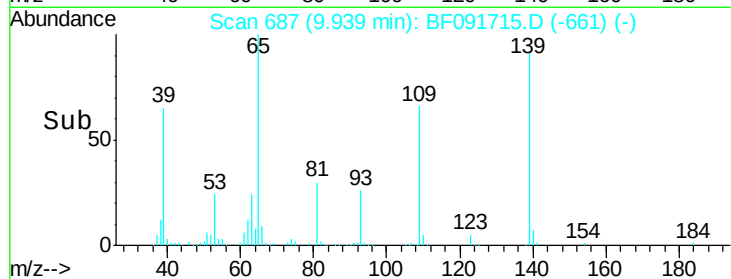
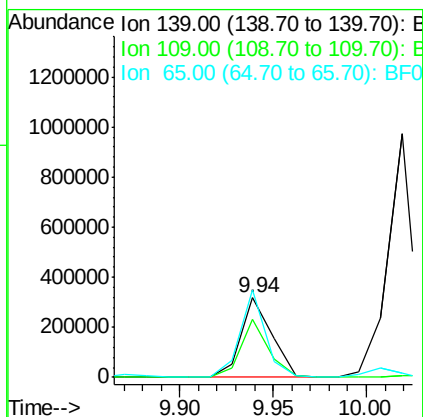
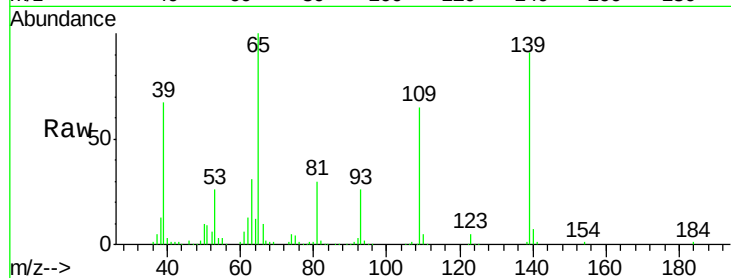




#55
4-Nitrophenol
Concen: 45.32 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

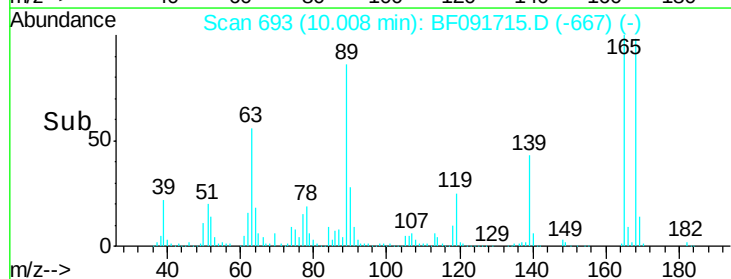
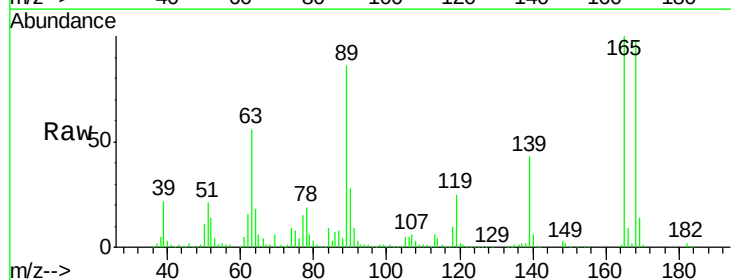
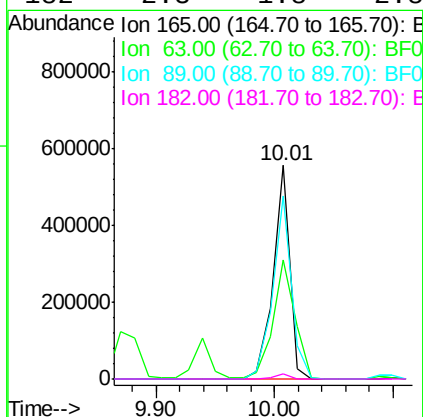
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

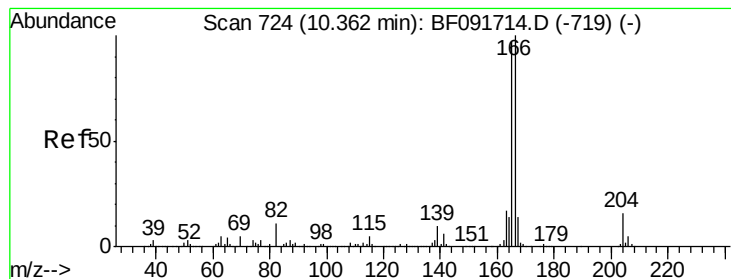
Tgt Ion:139 Resp: 369518
Ion Ratio Lower Upper
139 100
109 72.2 52.2 92.2
65 110.3 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 44.93 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:165 Resp: 538497
Ion Ratio Lower Upper
165 100
63 56.0 40.2 60.4
89 85.8 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 42.53 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

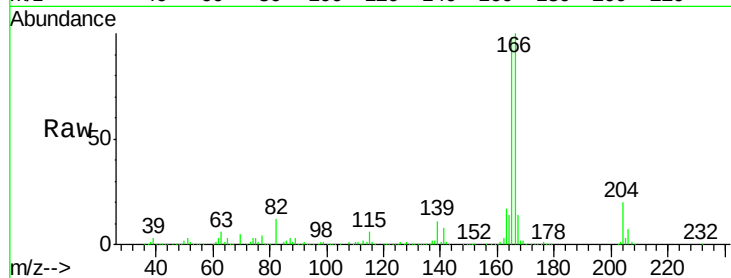
Tgt Ion:166 Resp: 1682910

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

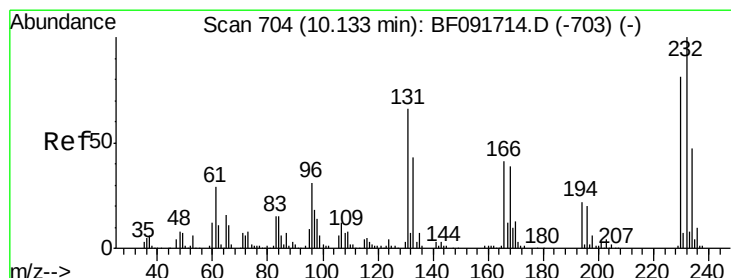
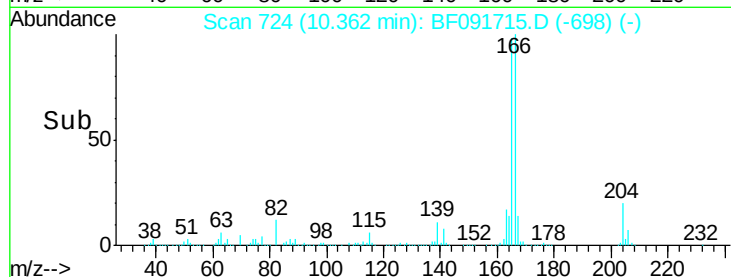
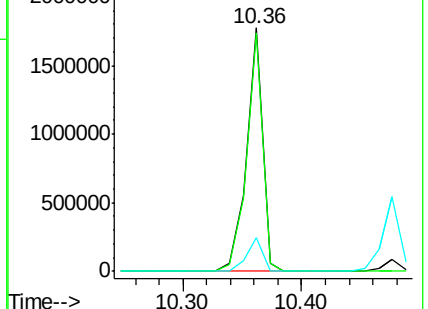
167 13.9 10.8 16.2



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: 46.44 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Tgt Ion:232 Resp: 448639

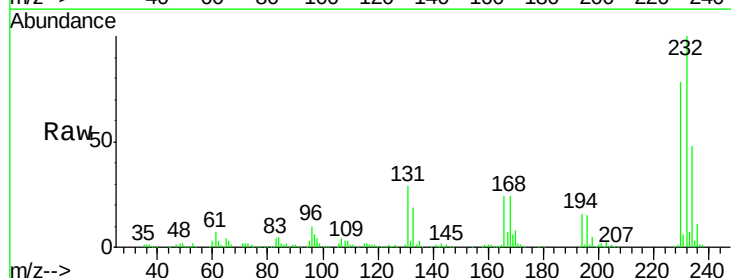
Ion Ratio Lower Upper

232 100

131 49.8 40.1 60.1

130 2.4 1.8 2.8

166 33.3 26.6 39.8

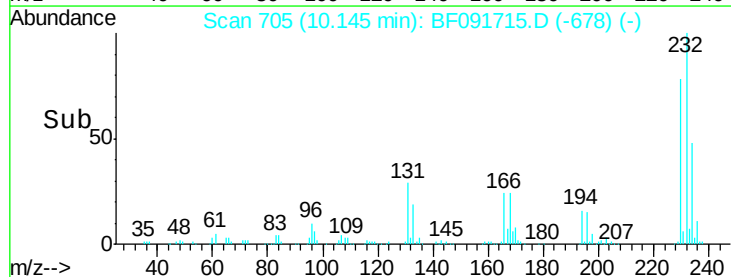
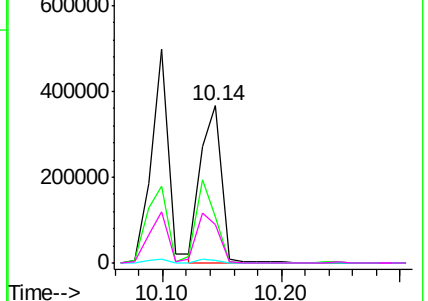


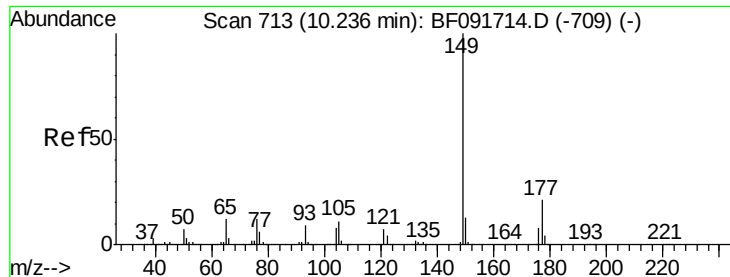
Abundance Ion 232.00 (231.70 to 232.70): E

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

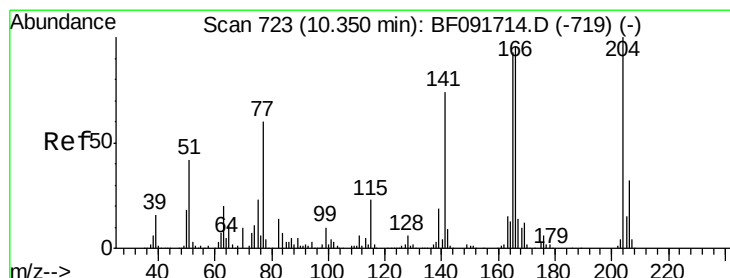
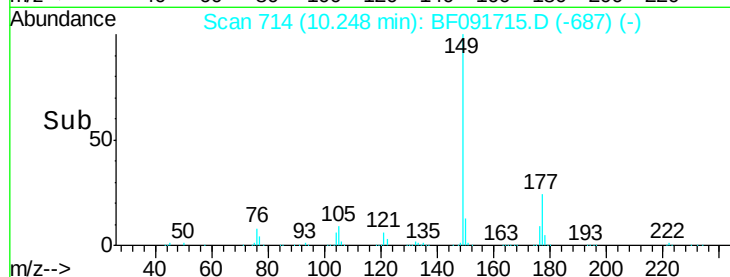
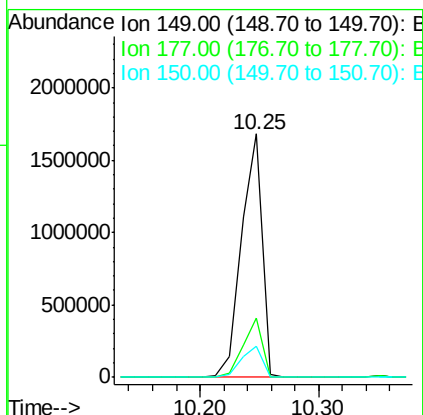
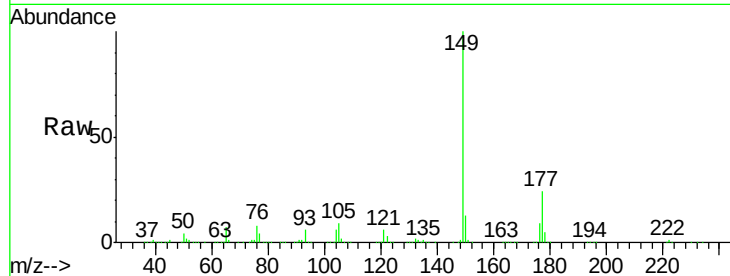




#59
Diethylphthalate
Concen: 48.55 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

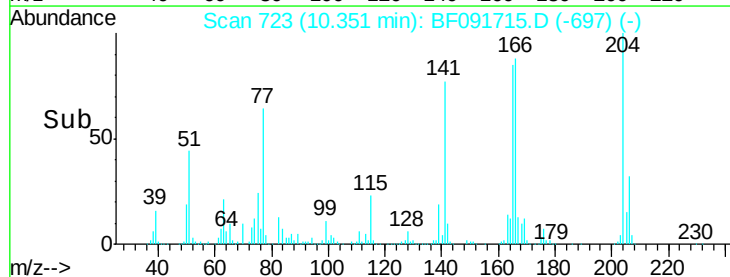
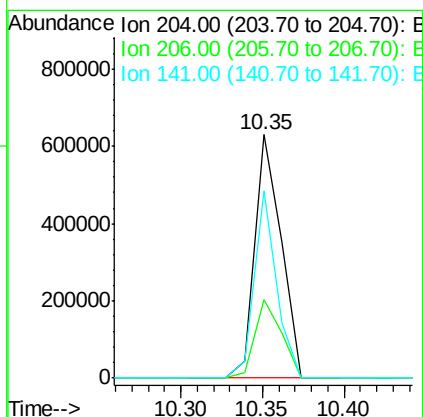
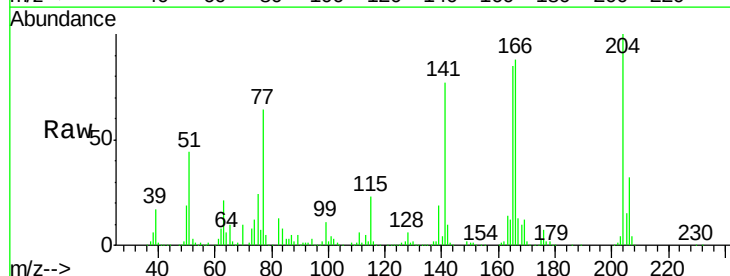
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

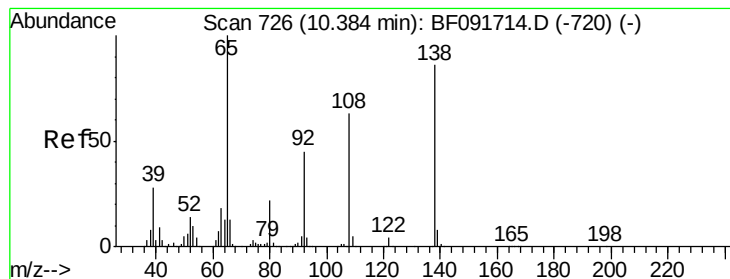
Tgt Ion:149 Resp: 2033087
Ion Ratio Lower Upper
149 100
177 24.2 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 39.60 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:204 Resp: 706432
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 76.9 59.4 89.0





#61

4-Nitroaniline

Concen: 50.39 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

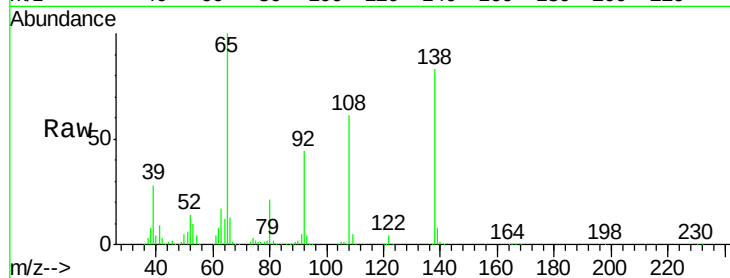
Tgt Ion:138 Resp: 567855

Ion Ratio Lower Upper

138 100

92 52.8 31.7 71.7

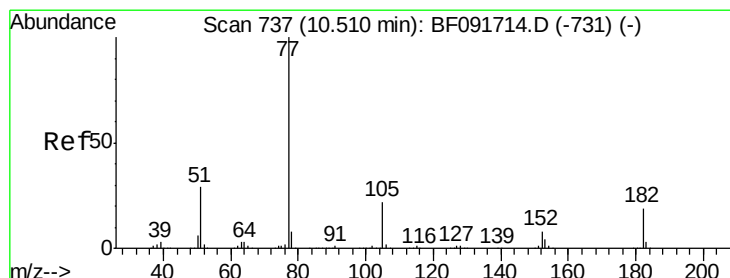
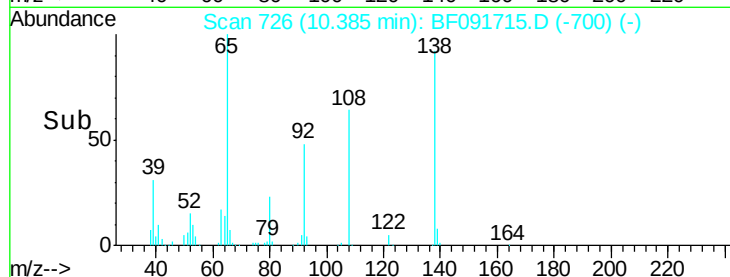
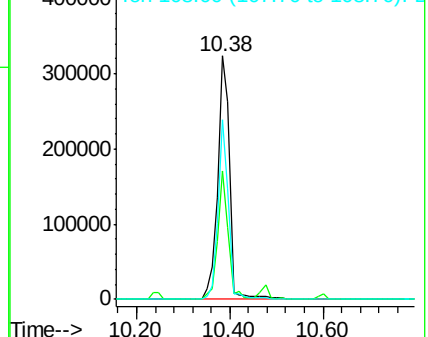
108 73.8 52.6 92.6



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: 42.54 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Tgt Ion: 77 Resp: 1990725

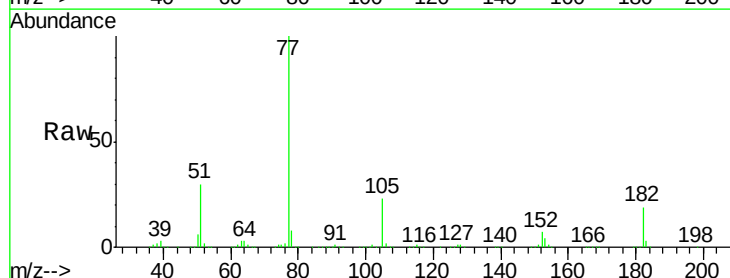
Ion Ratio Lower Upper

77 100

182 18.6 0.0 39.3

105 22.6 2.3 42.3

51 30.0 8.9 48.9

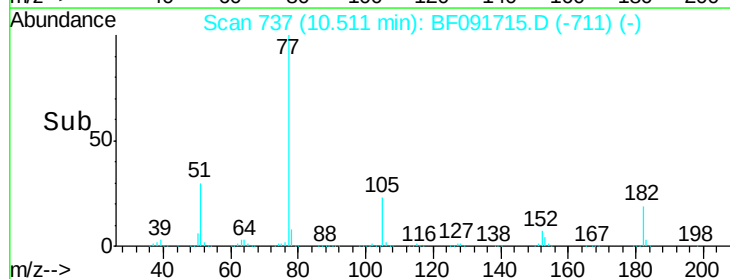
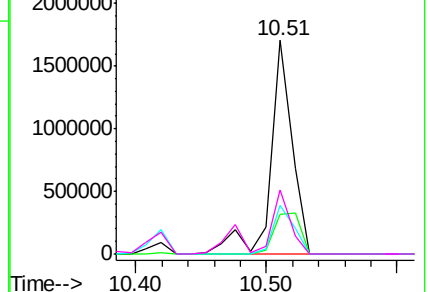


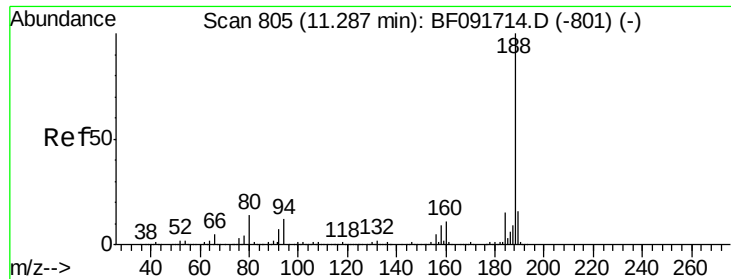
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

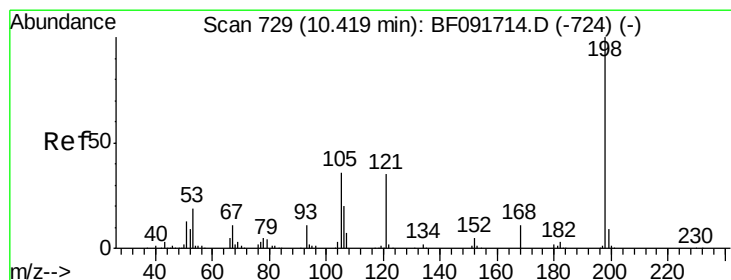
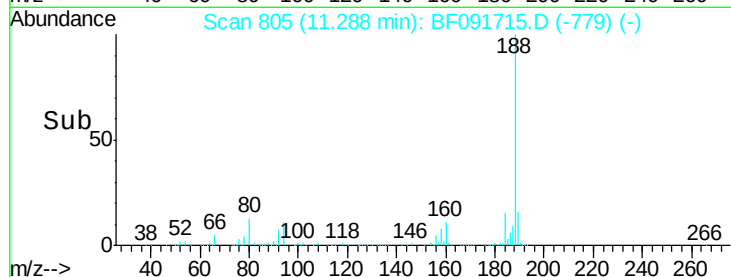
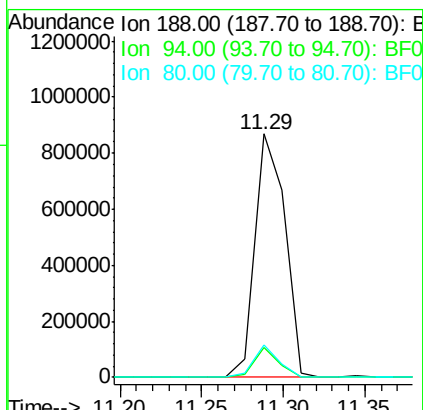
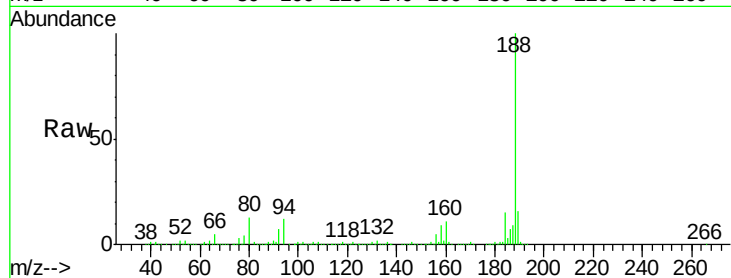




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

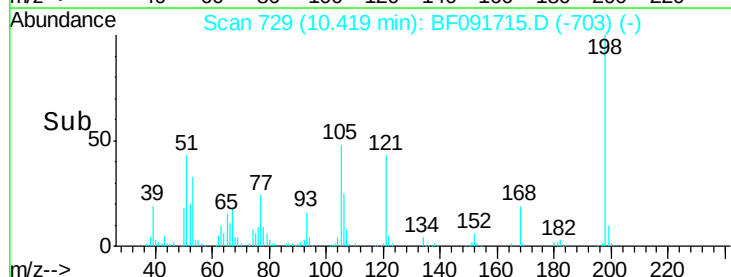
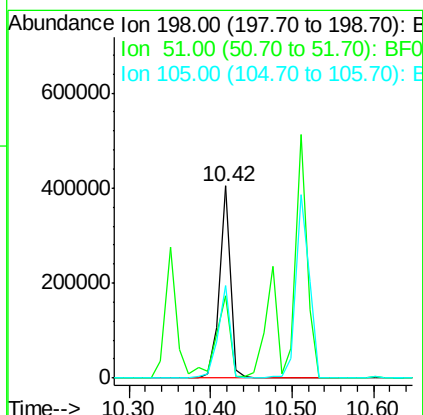
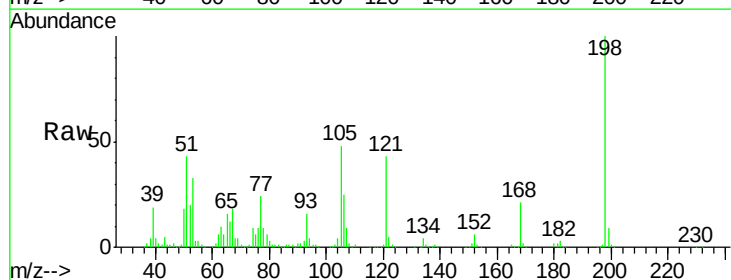
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

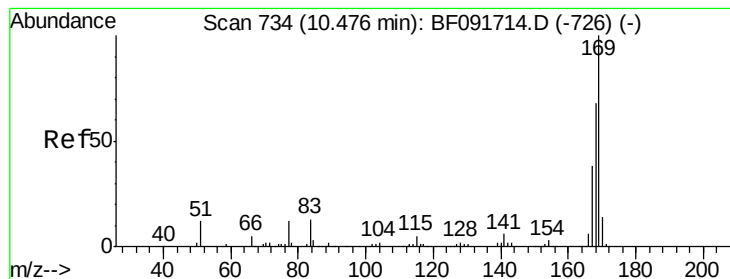
Tgt Ion:188 Resp: 1113158
Ion Ratio Lower Upper
188 100
94 12.2 10.0 15.0
80 13.4 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 62.84 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:198 Resp: 373948
Ion Ratio Lower Upper
198 100
51 42.8 6.7 46.7
105 48.4 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 43.04 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

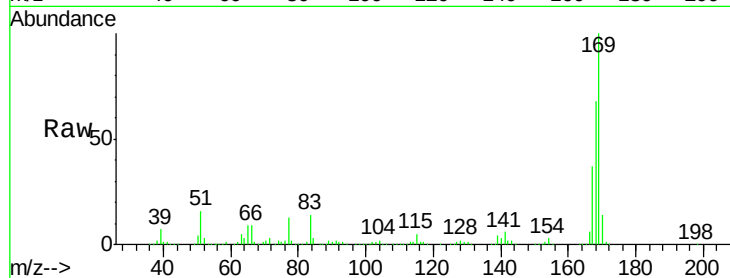
Tgt Ion:169 Resp: 1463536

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

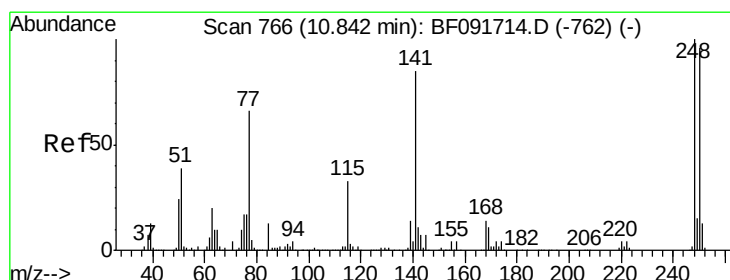
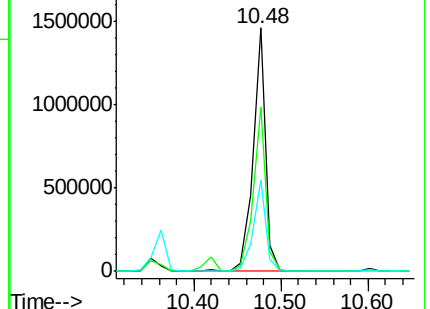
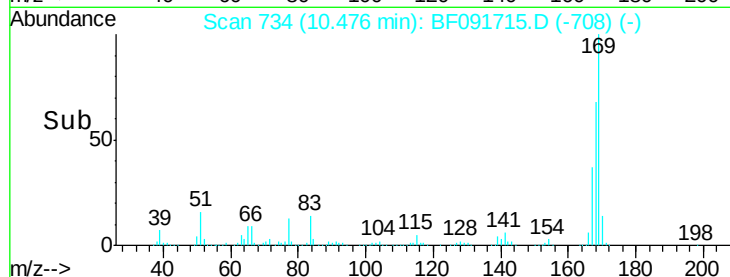
167 37.4 30.2 45.4



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: 43.25 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

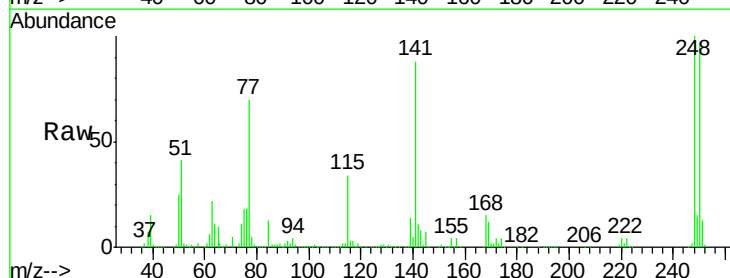
Tgt Ion:248 Resp: 496959

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

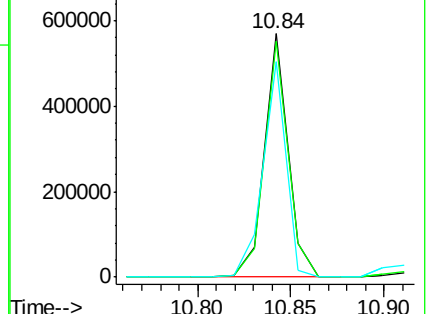
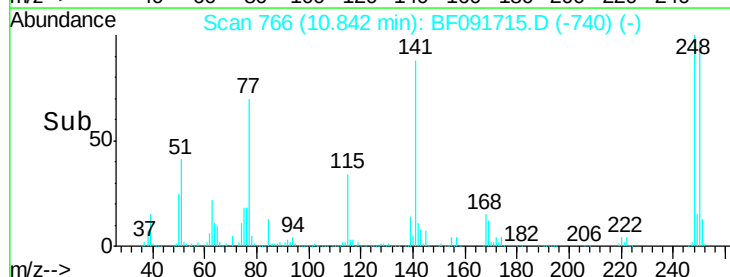
141 88.4 68.2 102.4

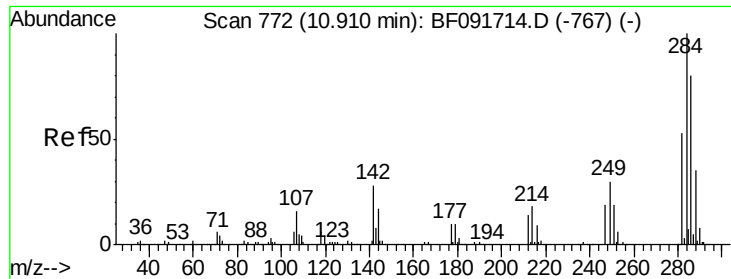


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

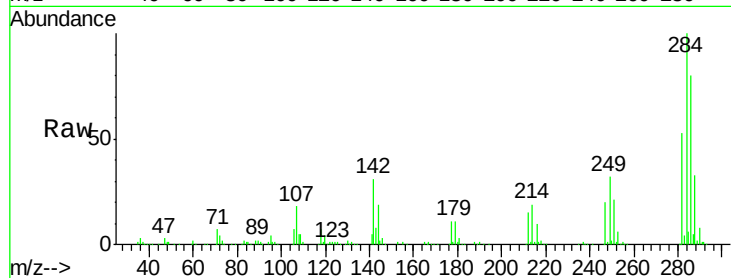




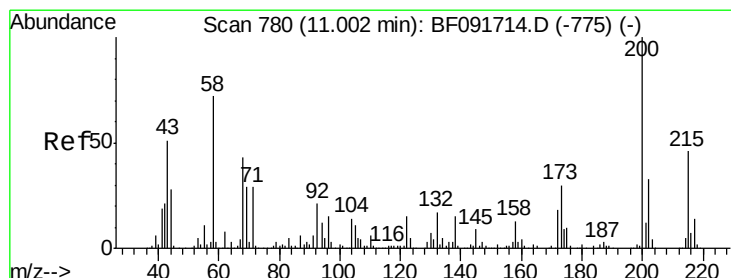
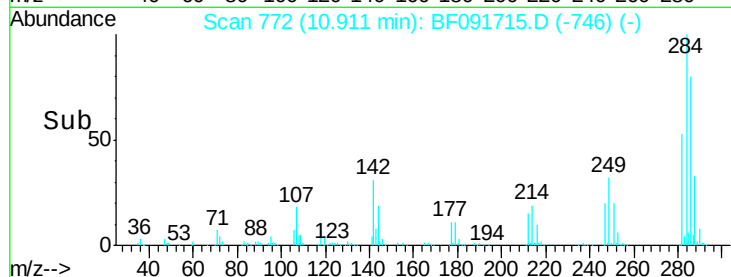
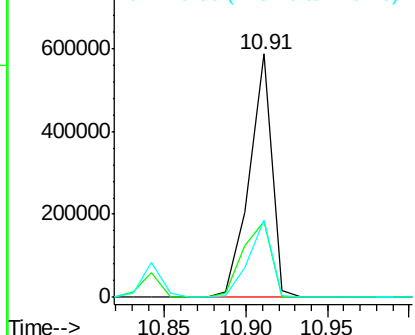
#67
Hexachlorobenzene
Concen: 46.23 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	22.6	33.8
249	31.9	25.4	38.0

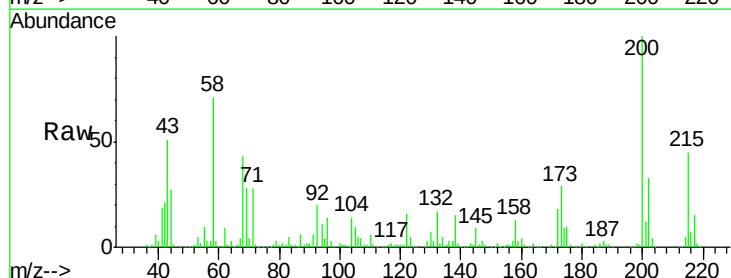


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

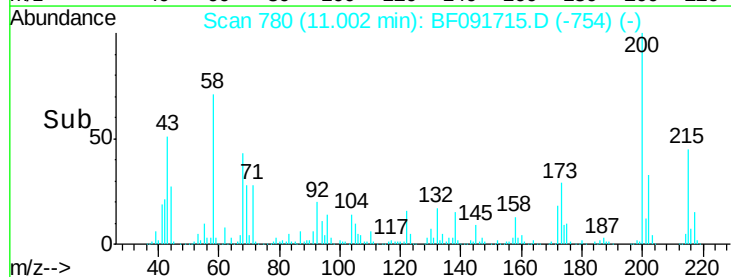
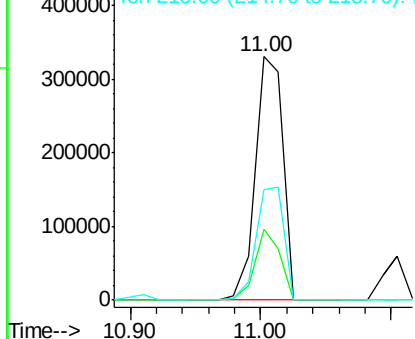


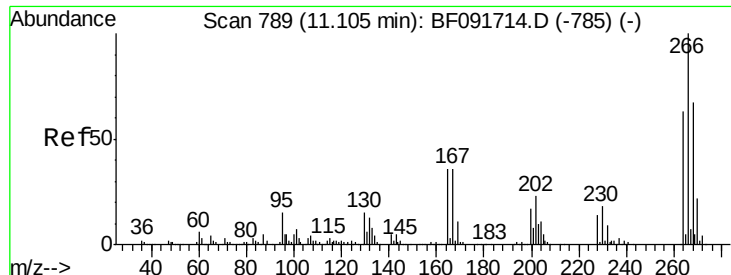
#68
Atrazine
Concen: 45.29 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.6	49.6
215	45.2	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

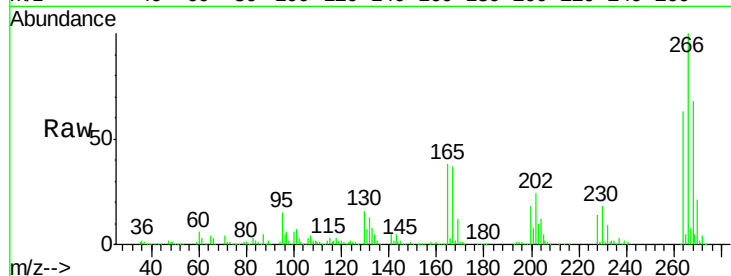




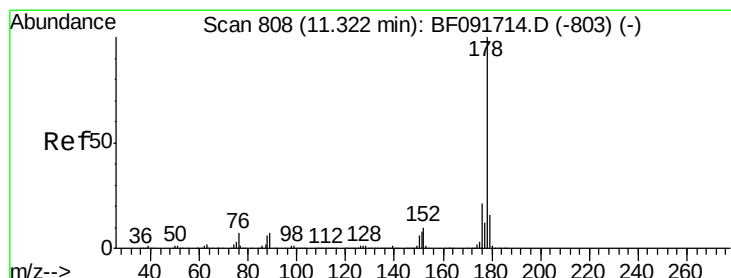
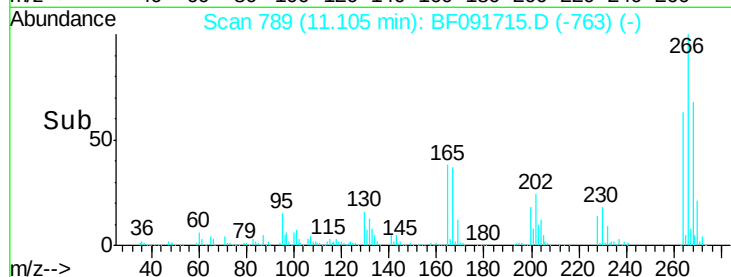
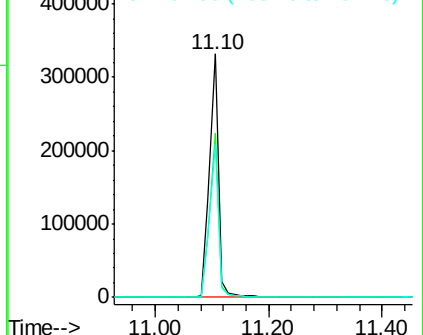
#69
 Pentachlorophenol
 Concen: 50.79 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:266 Resp: 349477
 Ion Ratio Lower Upper
 266 100
 268 67.6 53.3 79.9
 264 63.0 50.3 75.5

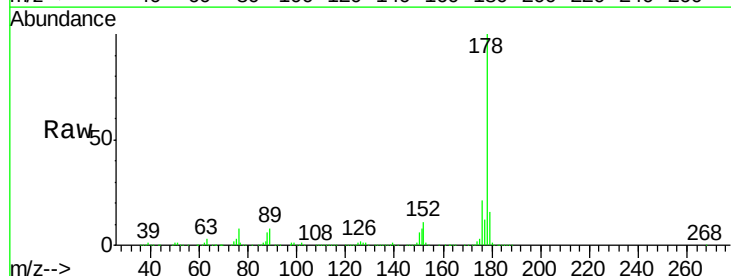


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

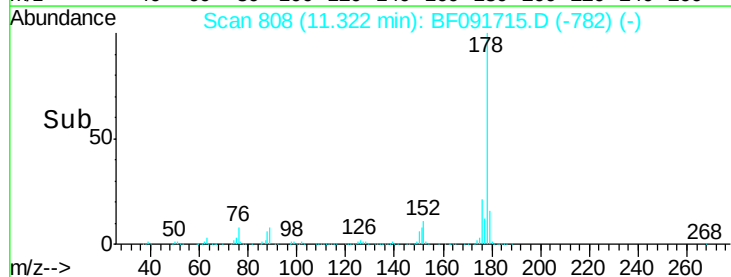
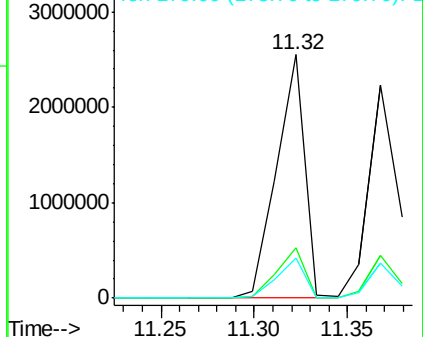


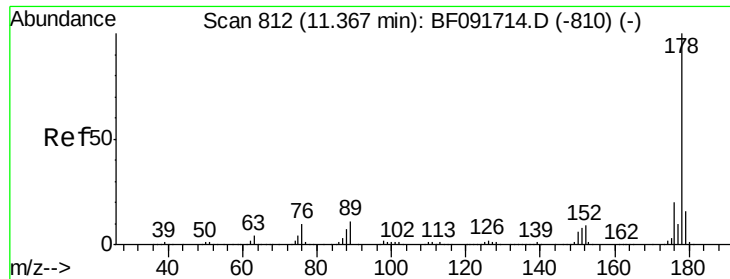
#70
 Phenanthrene
 Concen: 47.03 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion:178 Resp: 2678467
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.6 25.0
 179 16.3 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

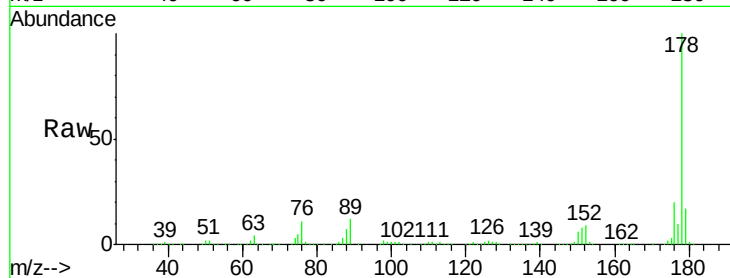




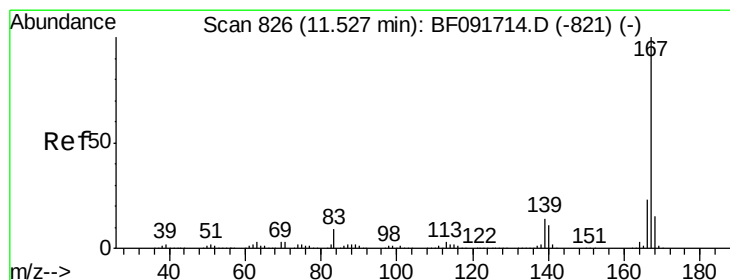
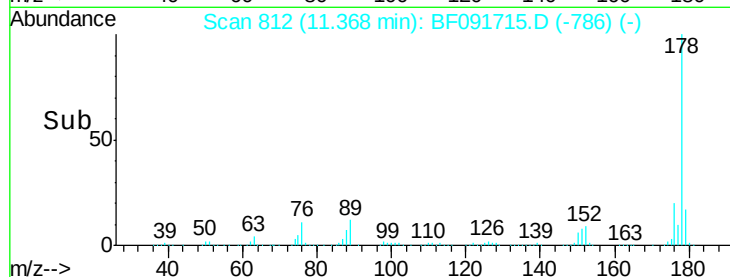
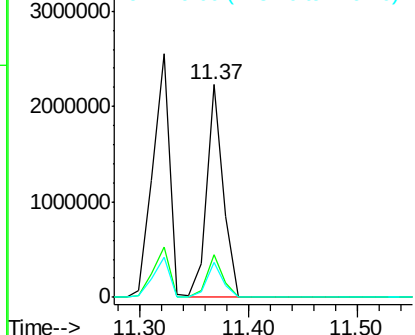
#71
 Anthracene
 Concen: 40.11 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 2364860
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.6 13.2 19.8

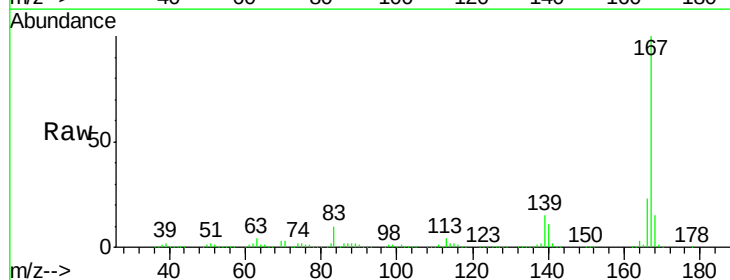


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

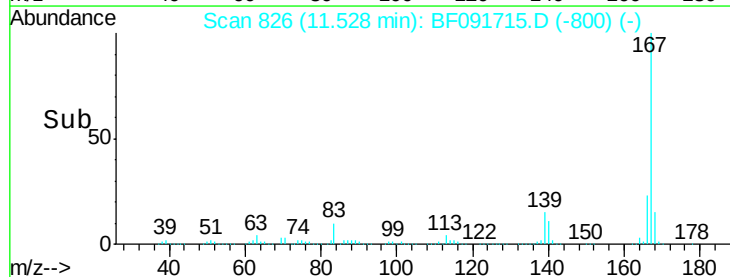
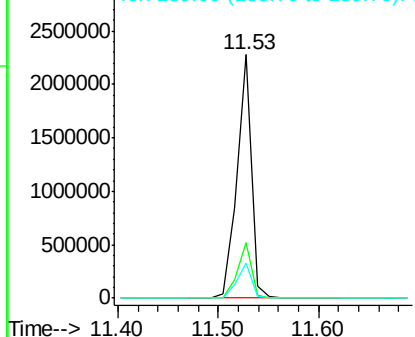


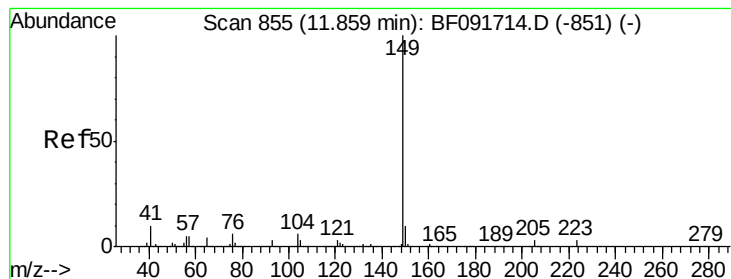
#72
 Carbazole
 Concen: 42.63 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion:167 Resp: 2274210
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 14.6 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: 47.99 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

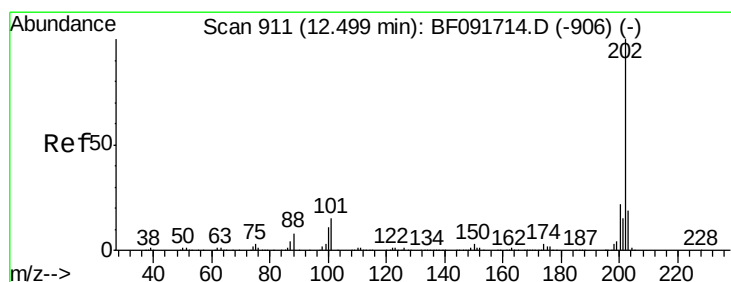
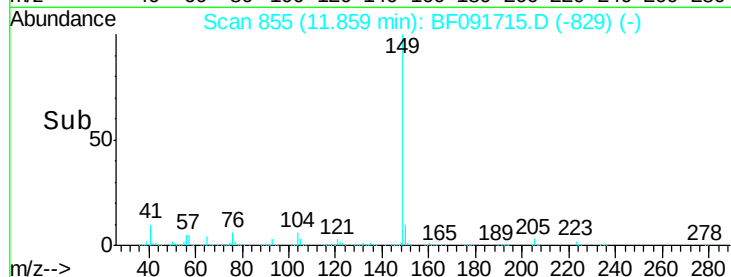
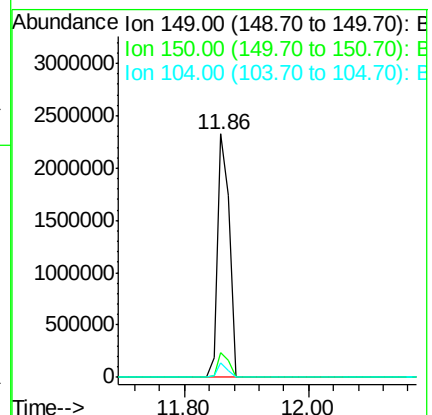
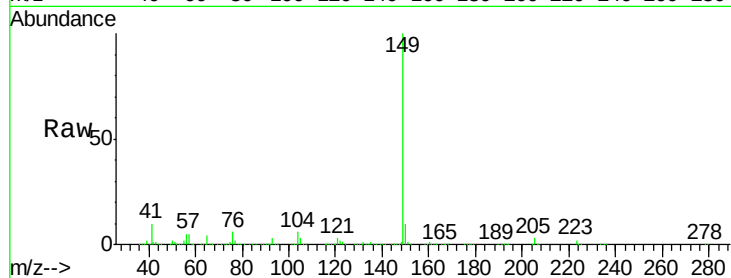
Tgt Ion:149 Resp: 2938546

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

104 5.9 4.6 7.0



#74

Fluoranthene

Concen: 44.60 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

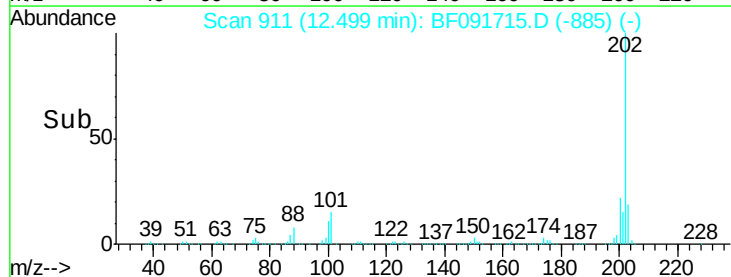
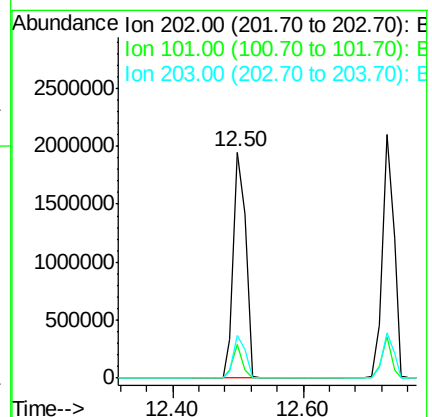
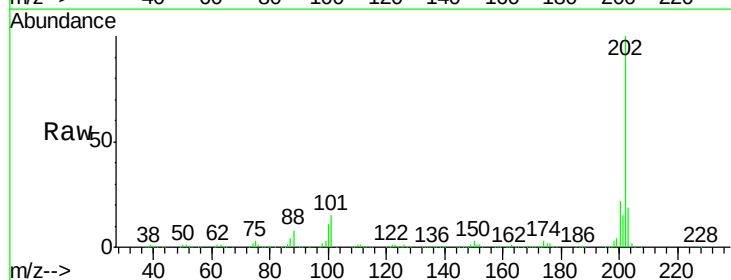
Tgt Ion:202 Resp: 2572392

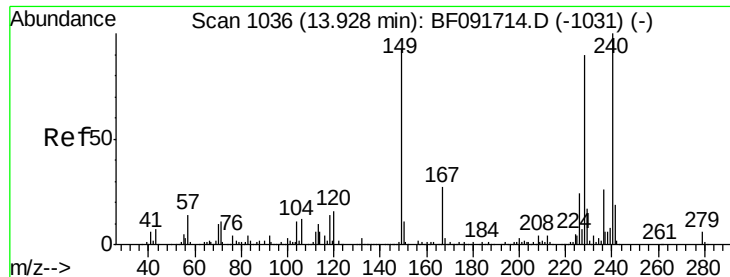
Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

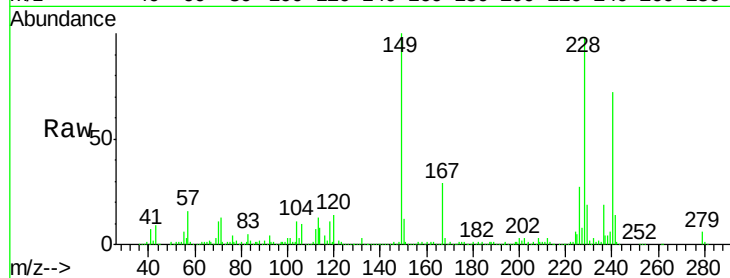
Tgt Ion:240 Resp: 743082

Ion Ratio Lower Upper

240 100

120 18.6 12.9 19.3

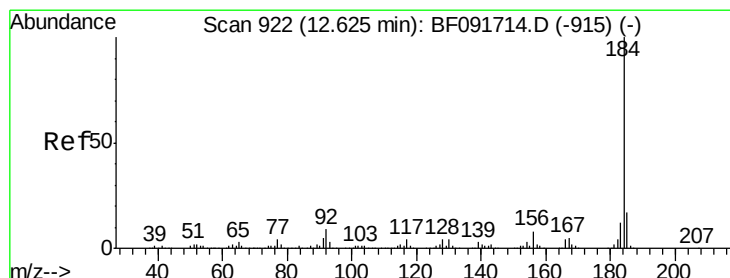
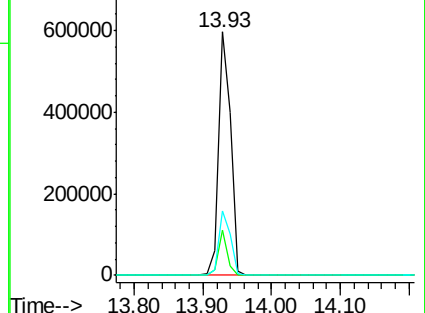
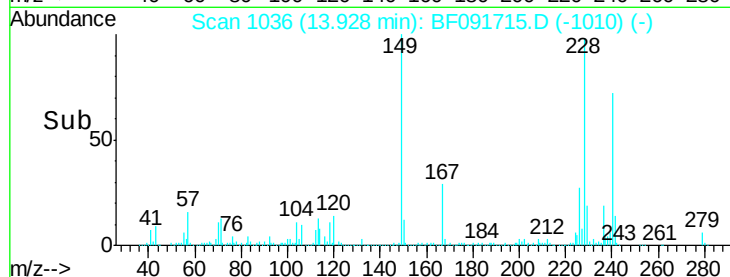
236 26.3 20.9 31.3



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: 39.75 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

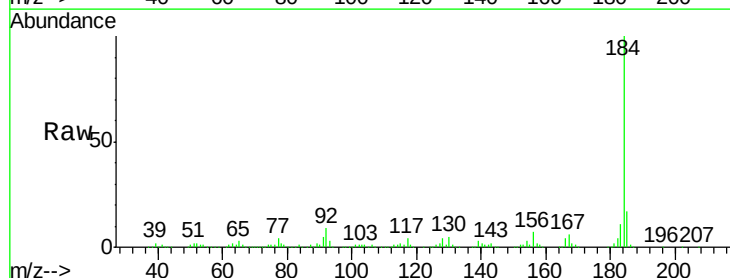
Tgt Ion:184 Resp: 914441

Ion Ratio Lower Upper

184 100

185 17.3 13.4 20.0

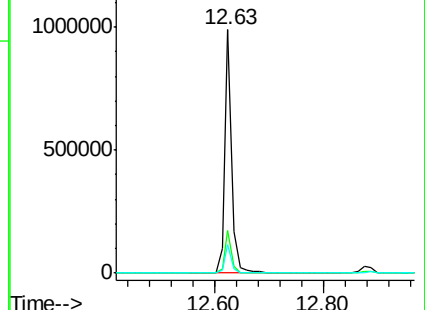
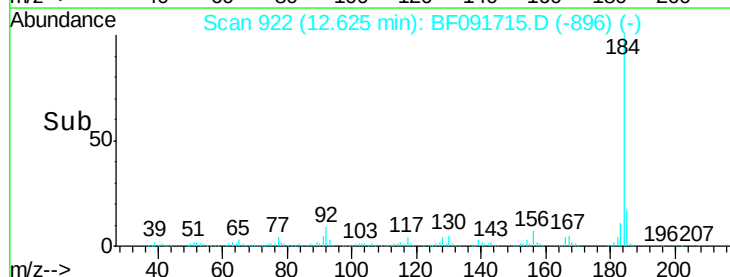
183 11.5 9.2 13.8

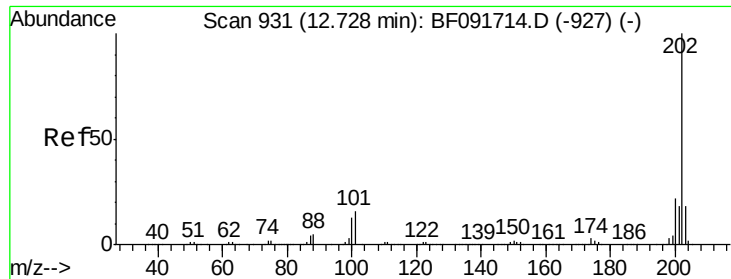


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

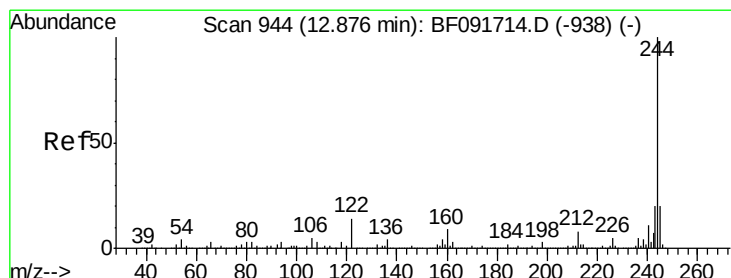
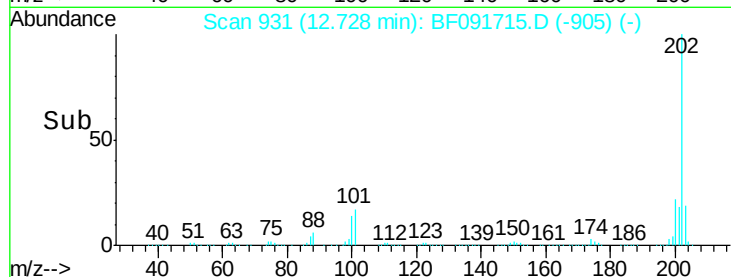
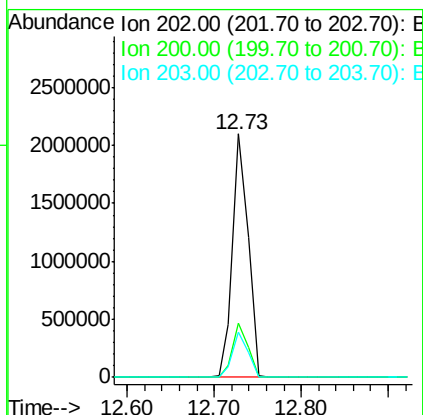
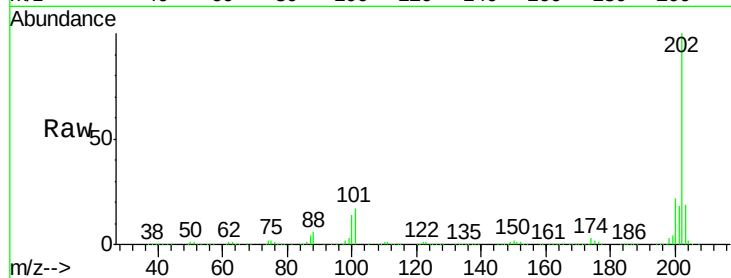




#77
 Pyrene
 Concen: 44.74 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

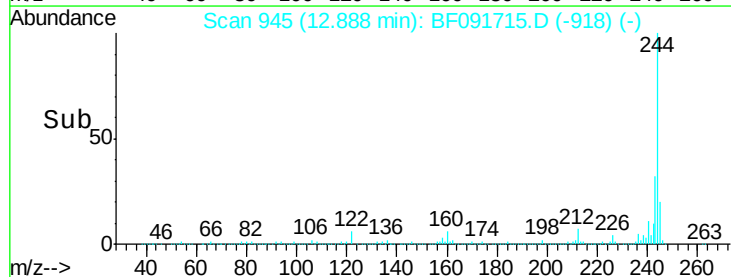
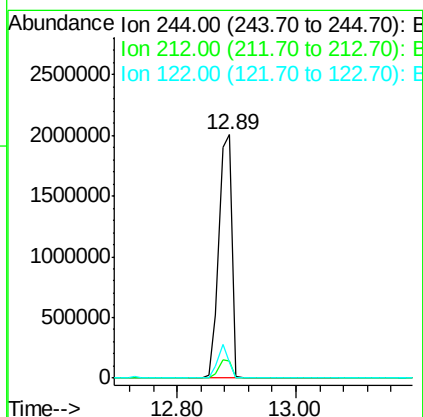
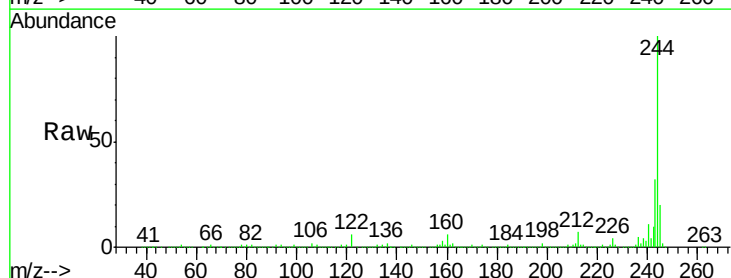
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

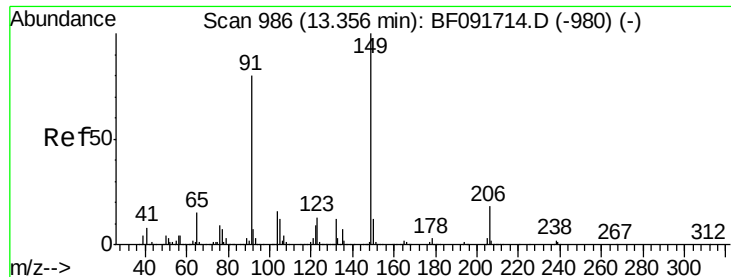
Tgt Ion:202 Resp: 2602521
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.7 26.5
 203 18.7 14.7 22.1



#78
 Terphenyl-d14
 Concen: 94.71 ng
 RT: 12.89 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion:244 Resp: 3082613
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 6.4 11.4 17.2#

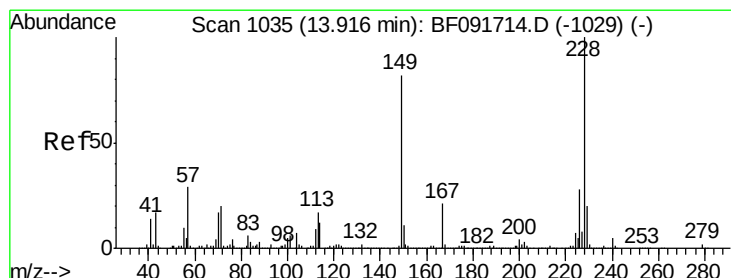
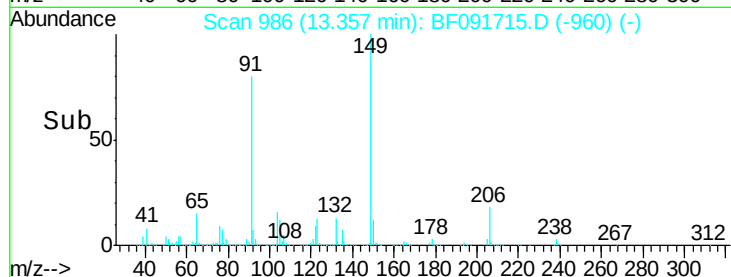
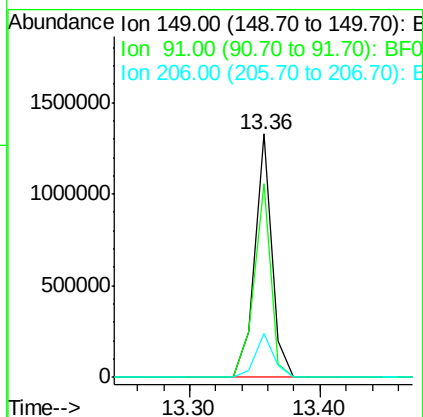
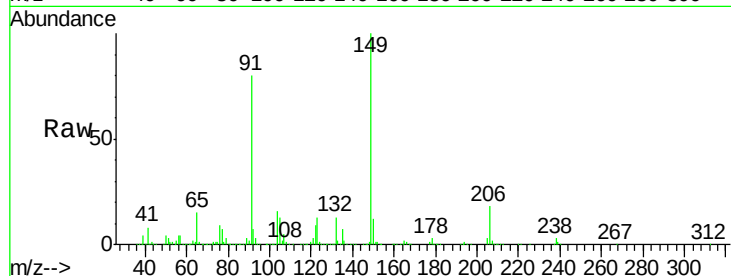




#79
Butylbenzylphthalate
Concen: 52.26 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

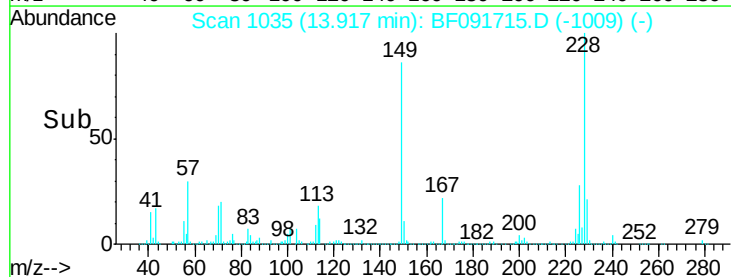
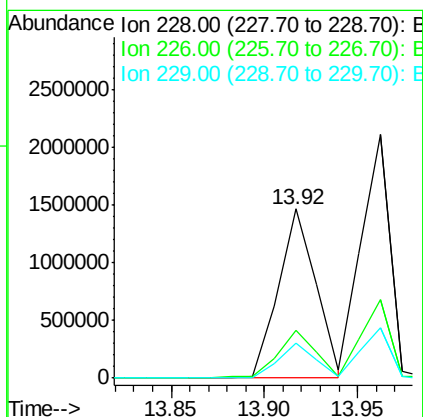
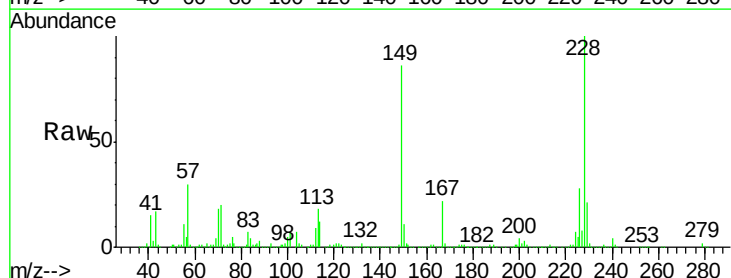
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

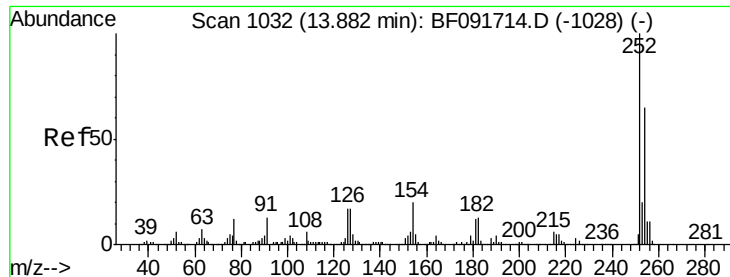
Tgt Ion:149 Resp: 1225647
Ion Ratio Lower Upper
149 100
91 79.6 63.9 95.9
206 18.2 14.6 21.8



#80
Benzo(a)anthracene
Concen: 47.15 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:228 Resp: 2053423
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.6 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 57.10 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

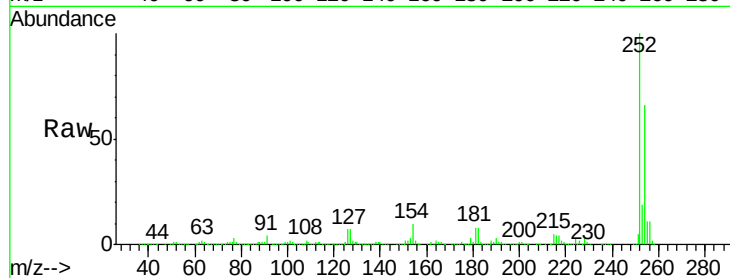
Tgt Ion:252 Resp: 913607

Ion Ratio Lower Upper

252 100

254 66.2 52.3 78.5

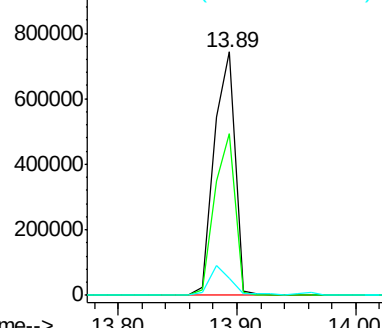
126 6.8 13.6 20.4#



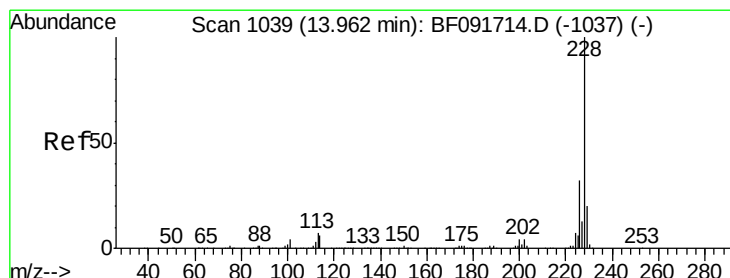
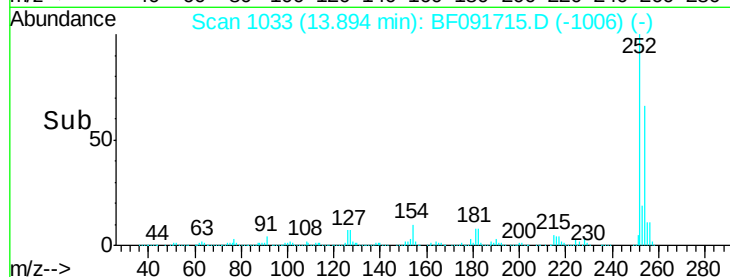
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time--> 13.80 13.90 14.00



#82

Chrysene

Concen: 49.32 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

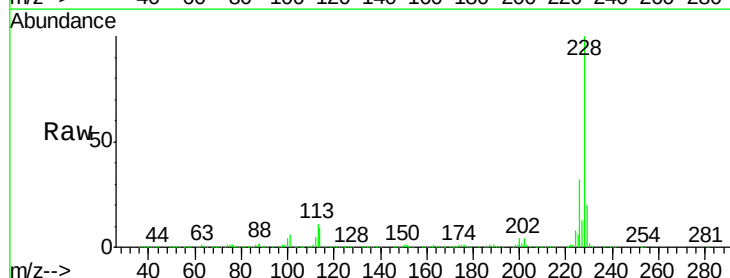
Tgt Ion:228 Resp: 2249820

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

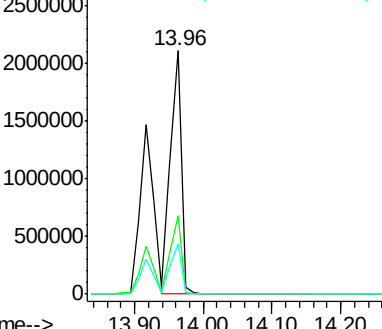
229 20.4 16.2 24.2



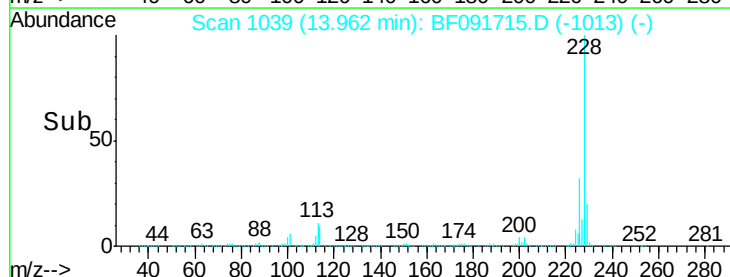
Abundance Ion 228.00 (227.70 to 228.70): E

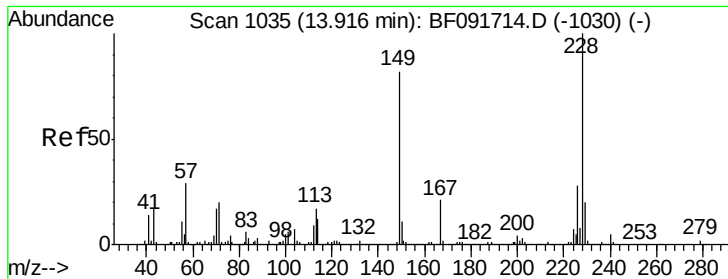
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.90 14.00 14.10 14.20

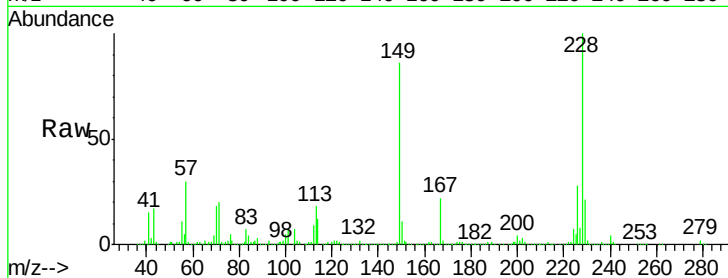




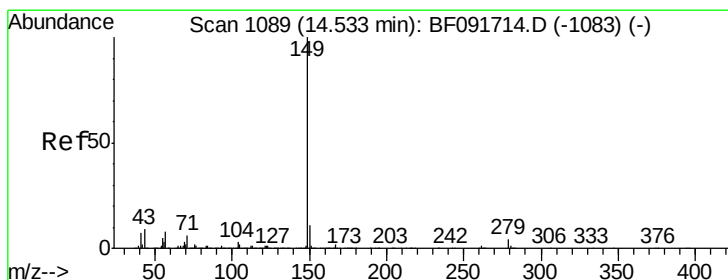
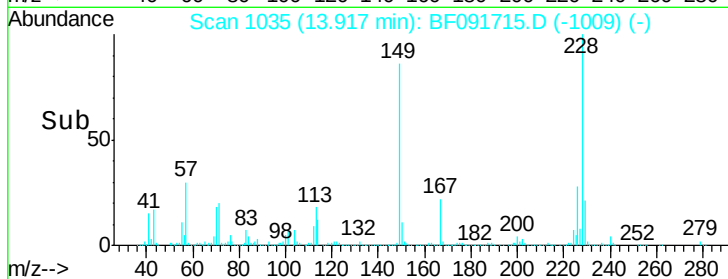
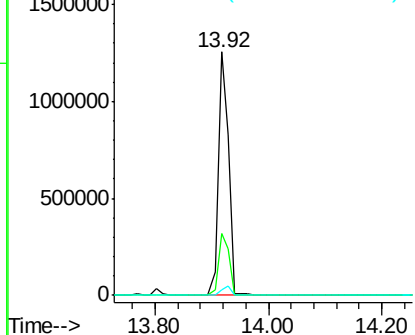
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.42 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:149 Resp: 1532784
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.2 30.4
 279 2.4 1.8 2.8

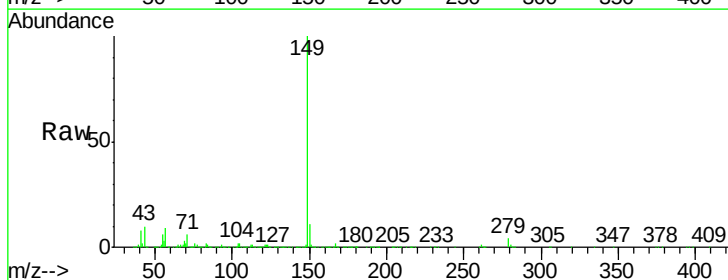


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

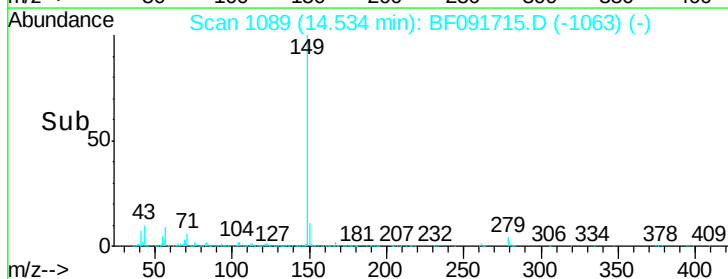
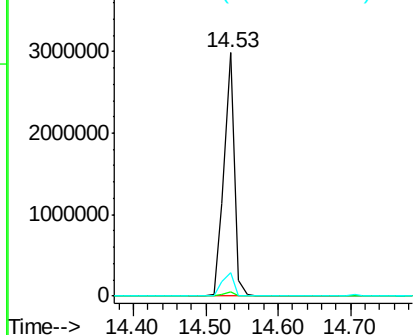


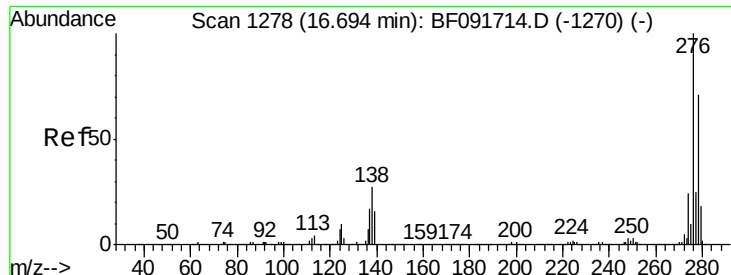
#84
 Di-n-octyl phthalate
 Concen: 57.90 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion:149 Resp: 2994355
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 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

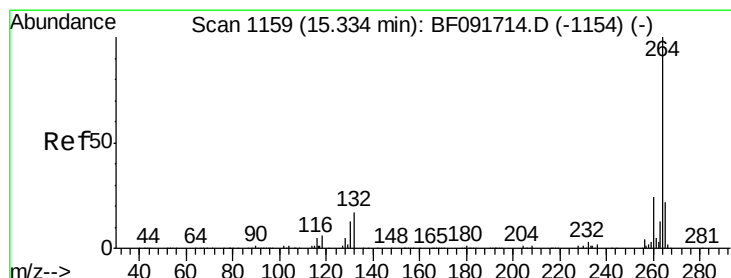
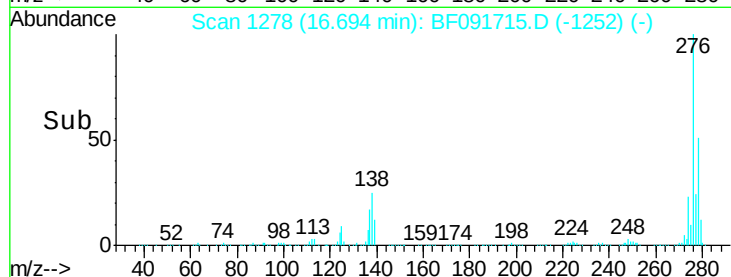
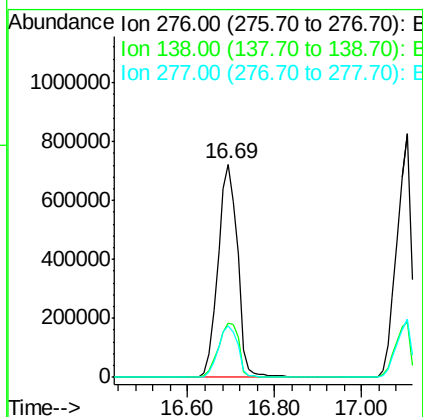
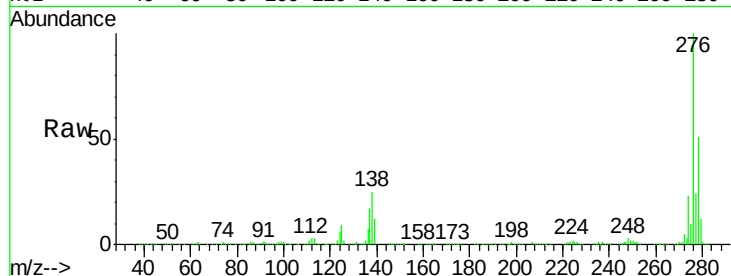




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.61 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

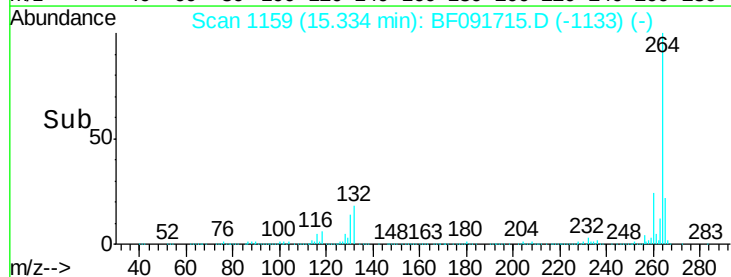
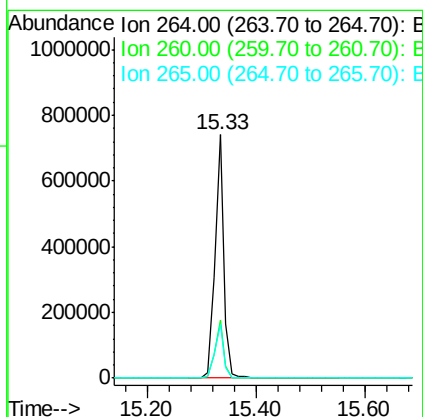
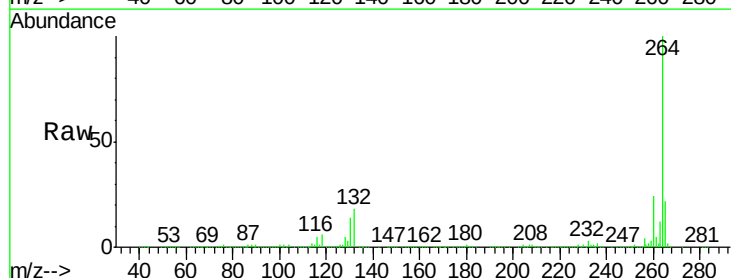
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

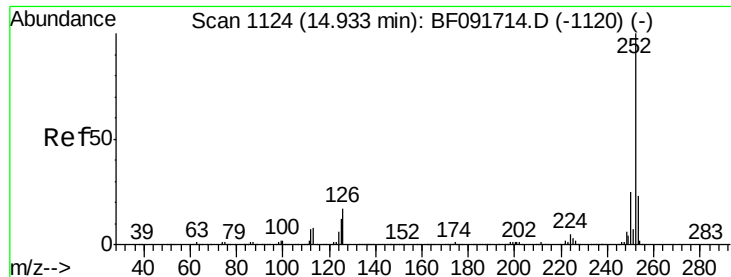
Tgt Ion: 276 Resp: 2278944
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.8 32.6
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF091715.D
 Acq: 17 Dec 2016 15:15

Tgt Ion: 264 Resp: 867223
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.1 17.4 26.0

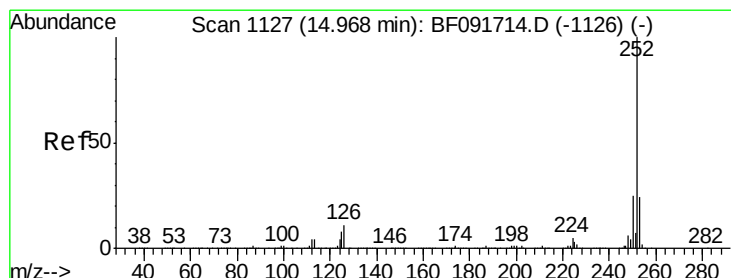
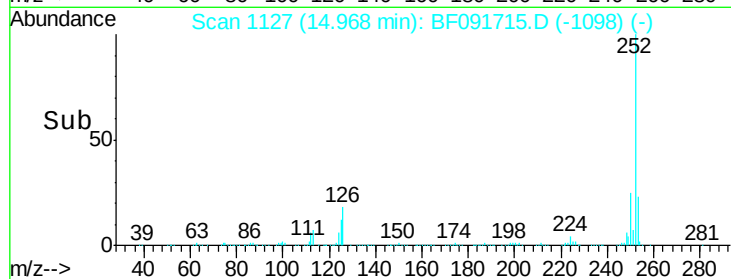
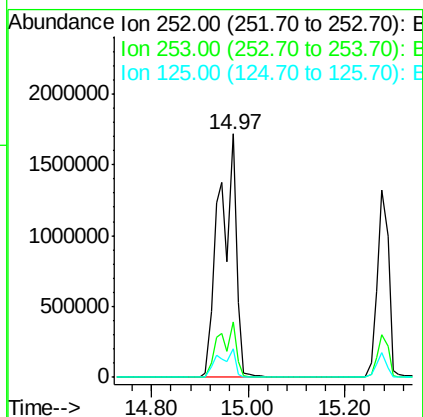
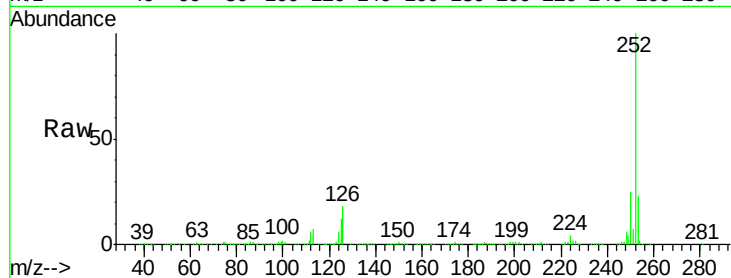




#87
Benzo(b)fluoranthene
Concen: 80.92 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.03 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

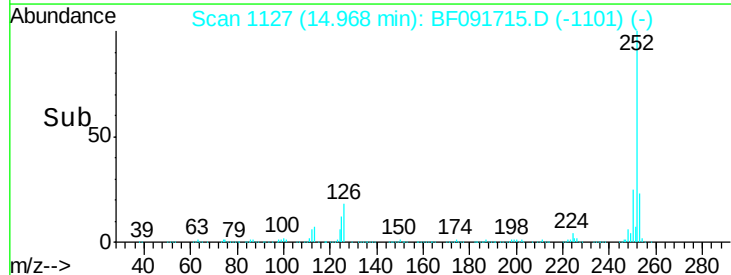
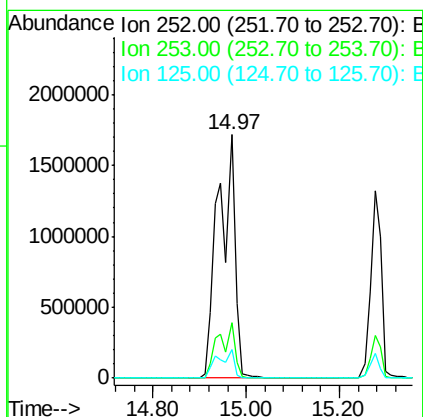
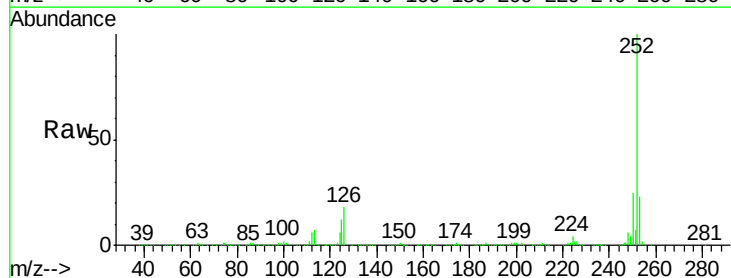
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

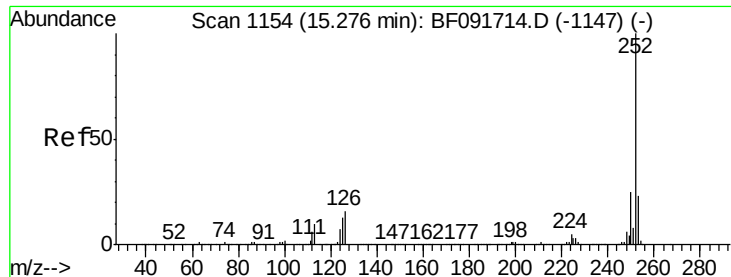
Tgt Ion:252 Resp: 4299016
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 11.7 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 96.20 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091715.D
Acq: 17 Dec 2016 15:15

Tgt Ion:252 Resp: 4299920
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 11.7 8.9 13.3





#89

Benzo(a)pyrene

Concen: 45.99 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

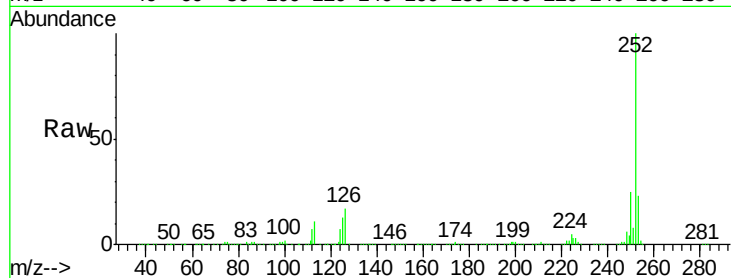
Tgt Ion:252 Resp: 2154069

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

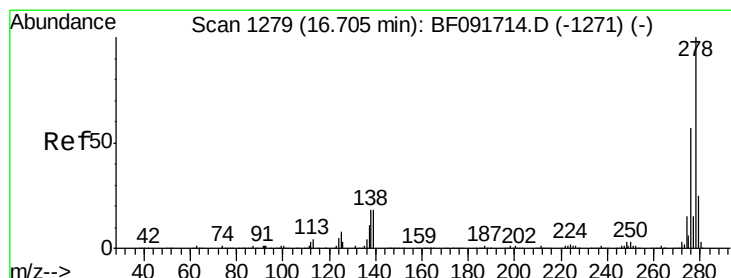
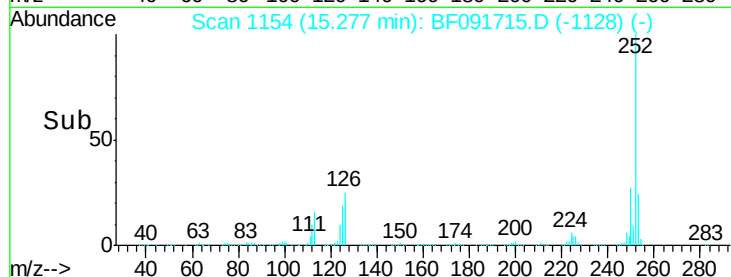
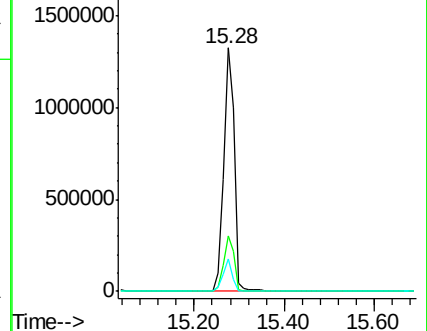
125 13.2 10.0 15.0



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: 44.66 ng

RT: 16.72 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

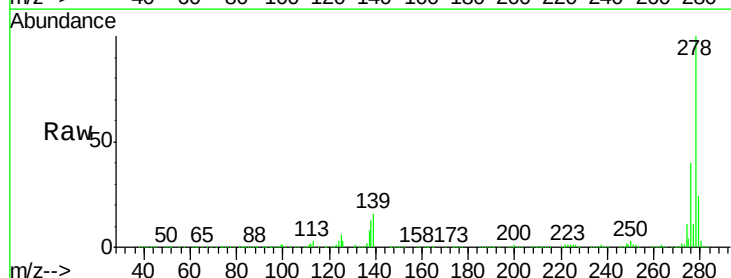
Tgt Ion:278 Resp: 1878734

Ion Ratio Lower Upper

278 100

139 15.7 14.8 22.2

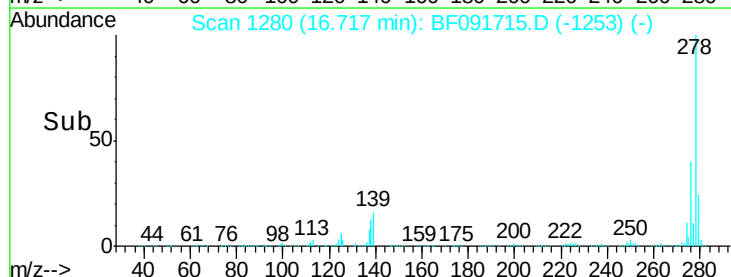
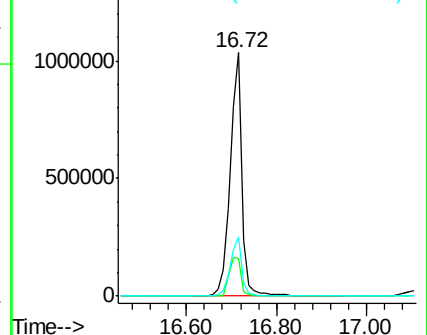
279 24.1 19.8 29.6

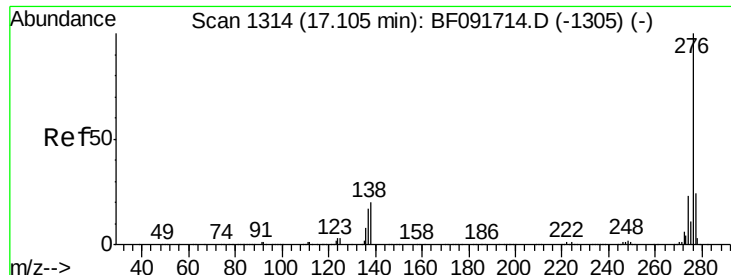


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.83 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF091715.D

Acq: 17 Dec 2016 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

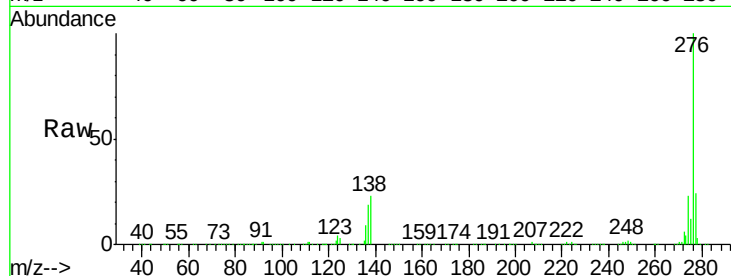
Tgt Ion:276 Resp: 1927465

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 22.7 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

