

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091716.D
 Acq On : 17 Dec 2016 15:43
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Dec 17 22:21:51 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	332240	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1368617	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	722323	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	1195685	20.00	ng	0.01
75) Chrysene-d12	13.94	240	786438	20.00	ng	0.01
86) Perylene-d12	15.33	264	879080	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1945476	97.94	ng	0.00
7) Phenol-d6	6.43	99	2626266	105.68	ng	0.01
23) Nitrobenzene-d5	7.34	82	2542317	102.45	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	657689	109.13	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3707583	90.43	ng	0.00
78) Terphenyl-d14	12.89	244	3564971	103.49	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	552829	52.93	ng	99
3) Pyridine	3.00	79	1791084	62.59	ng	99
4) n-Nitrosodimethylamine	2.98	42	713773	59.04	ng	99
6) Aniline	6.44	93	1653431	50.96	ng	95
8) 2-Chlorophenol	6.57	128	1205173	54.11	ng	86
9) Benzaldehyde	6.32	77	701231	41.30	ng	98
10) Phenol	6.44	94	1599102	54.03	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	1269185	58.91	ng	94
12) 1,3-Dichlorobenzene	6.80	146	1312378	53.54	ng	99
13) 1,4-Dichlorobenzene	6.80	146	1312378	54.35	ng	92
14) 1,2-Dichlorobenzene	6.94	146	1049881	48.47	ng	97
15) Benzyl Alcohol	6.92	79	992613	50.61	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1757956	52.44	ng	96
17) 2-Methylphenol	7.05	107	1022040	55.30	ng	96
18) Hexachloroethane	7.29	117	508767	54.27	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	835689	54.12	ng	98
20) 3+4-Methylphenols	7.21	107	1189402	51.86	ng	# 75
22) Acetophenone	7.20	105	1686318	50.96	ng	97
24) Nitrobenzene	7.37	77	1423038	55.76	ng	95
25) Isophorone	7.61	82	2544705	57.39	ng	97
26) 2-Nitrophenol	7.68	139	644231	55.66	ng	94
27) 2,4-Dimethylphenol	7.72	122	1142122	55.99	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	1480385	58.02	ng	# 98
29) 2,4-Dichlorophenol	7.93	162	1031638	58.58	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	1089489	54.18	ng	97
31) Naphthalene	8.09	128	3475652	53.94	ng	99
32) Benzoic acid	7.89	122	906670	65.14	ng	98
33) 4-Chloroaniline	8.13	127	1420719	51.08	ng	98
34) Hexachlorobutadiene	8.20	225	565564	49.74	ng	99
35) Caprolactam	8.53	113	333857	62.20	ng	# 69
36) 4-Chloro-3-methylphenol	8.64	107	1192111	60.28	ng	89
37) 2-Methylnaphthalene	8.77	142	1980678	47.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	977735	49.02	ng	99
40) Hexachlorocyclopentadiene	8.93	237	493449	56.01	ng	98

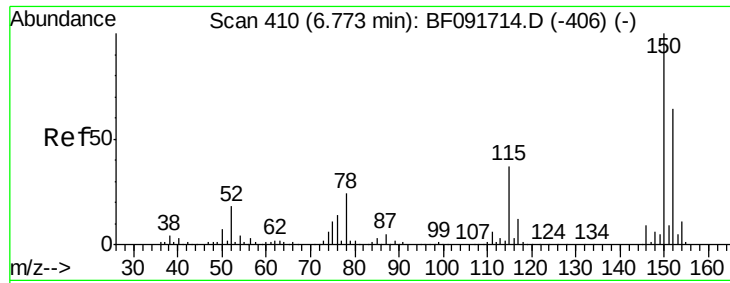
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	702666	55.14	ng	98
43) 2,4,5-Trichlorophenol	9.10	196	741165	56.09	ng	# 88
45) 1,1'-Biphenyl	9.24	154	2521525	47.16	ng	97
46) 2-Chloronaphthalene	9.26	162	1943569	47.31	ng	95
47) 2-Nitroaniline	9.37	65	827273	61.42	ng	# 81
48) Acenaphthylene	9.68	152	2856793	45.98	ng	99
49) Dimethylphthalate	9.55	163	2520308	54.38	ng	98
50) 2,6-Dinitrotoluene	9.61	165	500822	49.01	ng	# 67
51) Acenaphthene	9.85	154	2042362	47.37	ng	99
52) 3-Nitroaniline	9.78	138	637265	53.59	ng	96
53) 2,4-Dinitrophenol	9.88	184	339176	84.09	ng	# 64
54) Dibenzofuran	10.02	168	2379854	44.53	ng	96
55) 4-Nitrophenol	9.95	139	550965	63.91	ng	93
56) 2,4-Dinitrotoluene	10.01	165	711019	56.10	ng	# 85
57) Fluorene	10.36	166	1811744	43.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	576362	56.42	ng	96
59) Diethylphthalate	10.25	149	2377834	53.70	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	943160	50.00	ng	# 80
61) 4-Nitroaniline	10.40	138	660848	55.46	ng	99
62) Azobenzene	10.52	77	2764169	55.86	ng	88
64) 4,6-Dinitro-2-methylphenol	10.42	198	456069	71.35	ng	# 47
65) n-Nitrosodiphenylamine	10.48	169	1821014	49.86	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	622006	50.40	ng	94
67) Hexachlorobenzene	10.91	284	646527	49.30	ng	# 89
68) Atrazine	11.01	200	604738	52.57	ng	97
69) Pentachlorophenol	11.10	266	420395	56.87	ng	100
70) Phenanthrene	11.32	178	2902864	47.45	ng	99
71) Anthracene	11.38	178	3396655	53.63	ng	99
72) Carbazole	11.53	167	2649321	46.23	ng	99
73) Di-n-butylphthalate	11.87	149	3826267	58.18	ng	98
74) Fluoranthene	12.51	202	3423268	55.26	ng	95
76) Benzidine	12.63	184	1110902	45.63	ng	98
77) Pyrene	12.74	202	3509957	57.02	ng	99
79) Butylbenzylphthalate	13.36	149	1485464	59.85	ng	97
80) Benzo(a)anthracene	13.92	228	2433890	52.81	ng	98
81) 3,3'-Dichlorobenzidine	13.89	252	1067889	63.06	ng	# 97
82) Chrysene	13.96	228	2454818	50.85	ng	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	1849204	58.61	ng	100
84) Di-n-octyl phthalate	14.53	149	3392943	61.99	ng	97
85) Indeno(1,2,3-cd)pyrene	16.69	276	2685248	60.79	ng	99
87) Benzo(b)fluoranthene	14.97	252	5314731	98.69	ng	98
88) Benzo(k)fluoranthene	14.97	252	5314731	117.30	ng	98
89) Benzo(a)pyrene	15.29	252	2642654	55.66	ng	# 97
90) Dibenzo(a,h)anthracene	16.72	278	2175582	51.02	ng	99
91) Benzo(g,h,i)perylene	17.11	276	2265559	51.98	ng	# 95

(#) = 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: BF091716.D

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ClientSampleId :

SSTDIC060

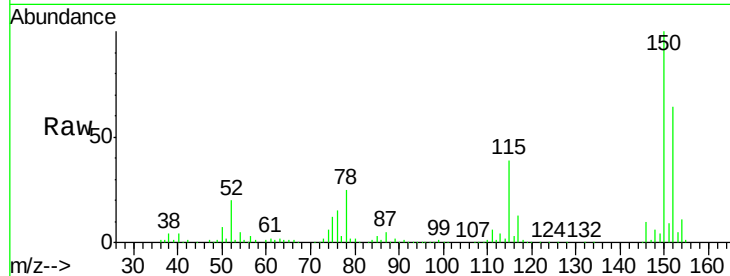
Tgt Ion:152 Resp: 332240

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

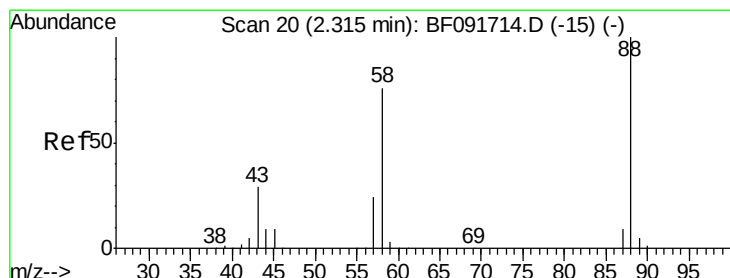
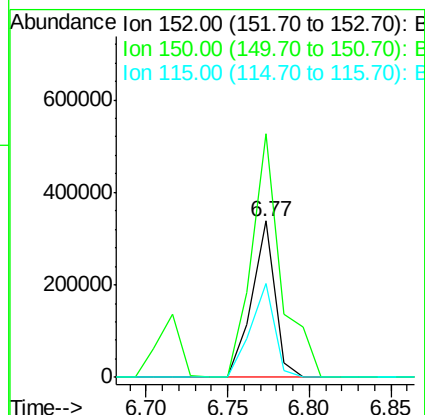
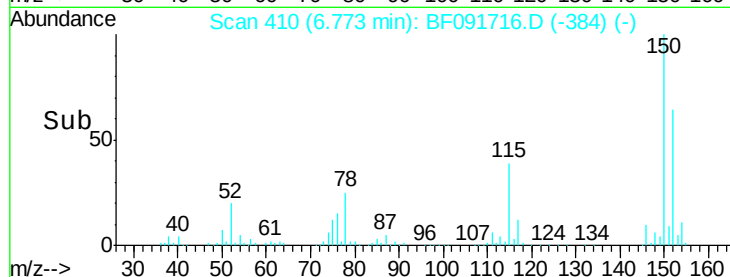
115 60.2 46.0 69.0



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: 52.93 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

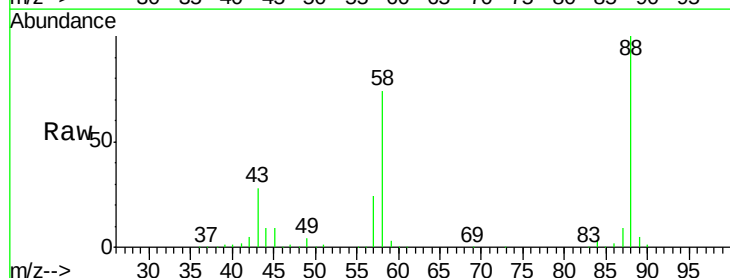
Tgt Ion: 88 Resp: 552829

Ion Ratio Lower Upper

88 100

58 73.8 57.8 86.8

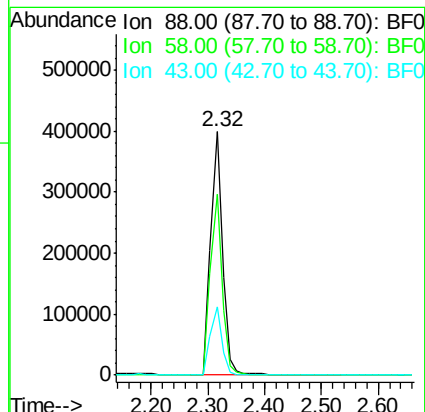
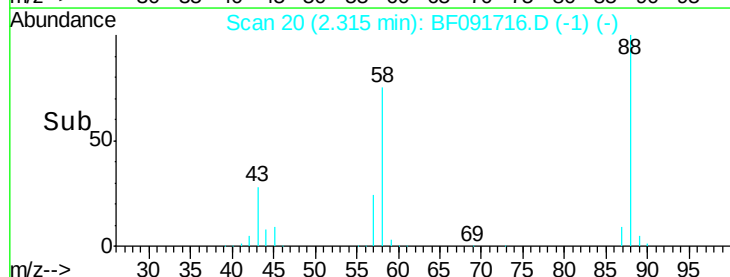
43 27.7 22.3 33.5

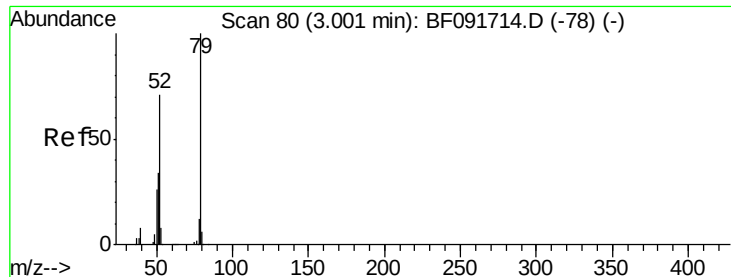


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 62.59 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

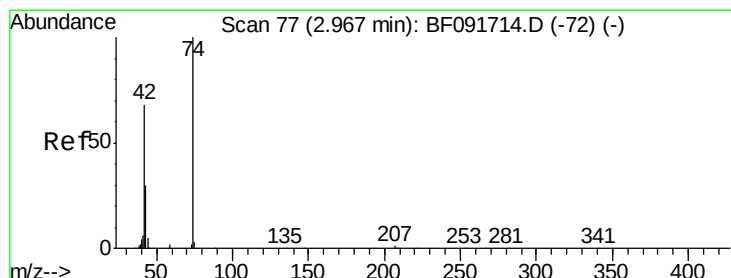
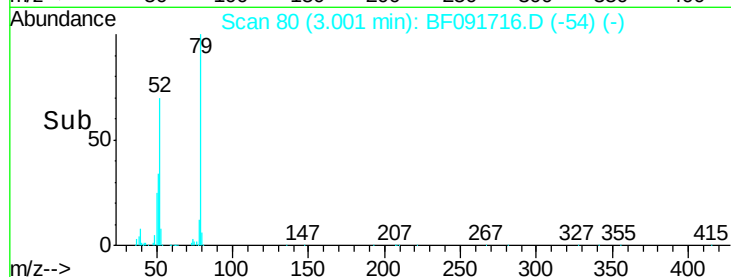
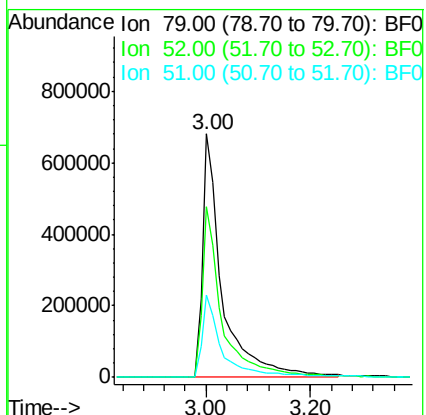
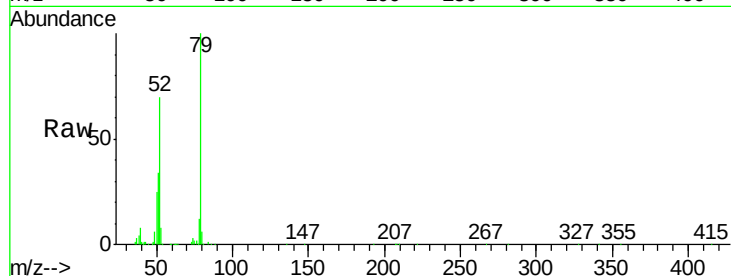
Tgt Ion: 79 Resp: 1791084

Ion Ratio Lower Upper

79 100

52 70.2 57.1 85.7

51 34.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 59.04 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

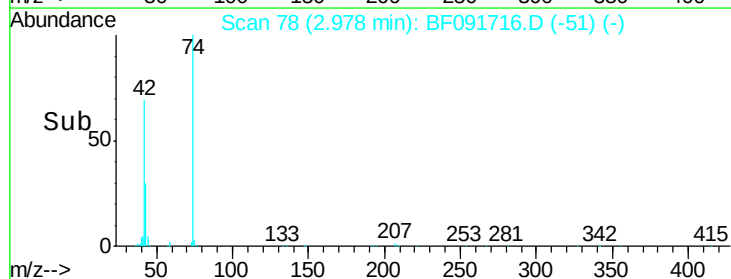
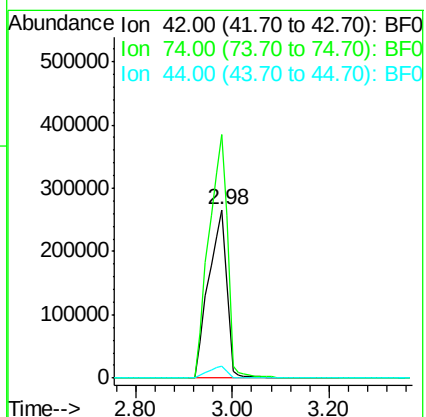
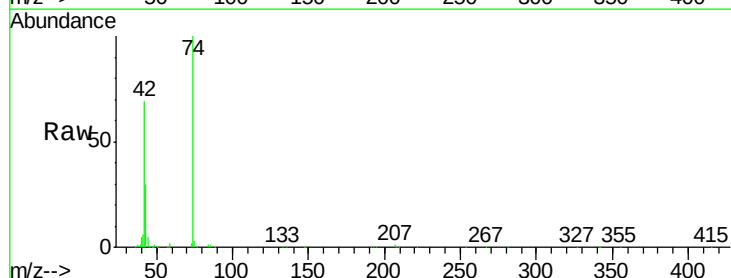
Tgt Ion: 42 Resp: 713773

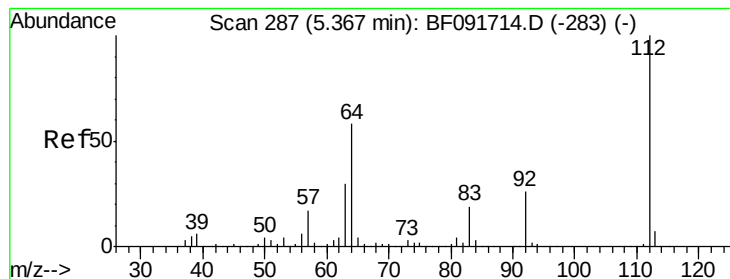
Ion Ratio Lower Upper

42 100

74 144.3 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 97.94 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

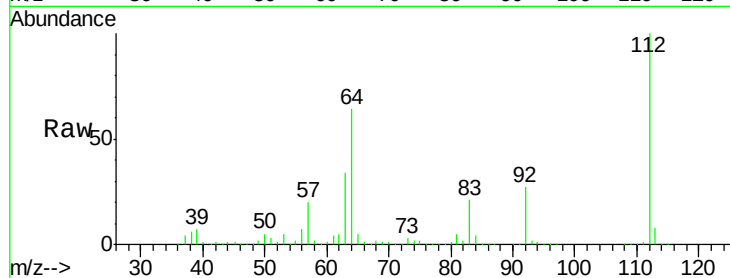
Tgt Ion: 112 Resp: 1945476

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

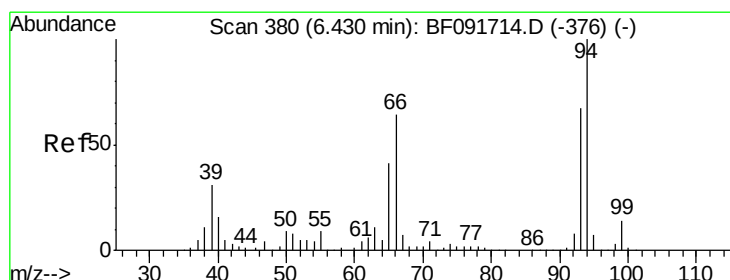
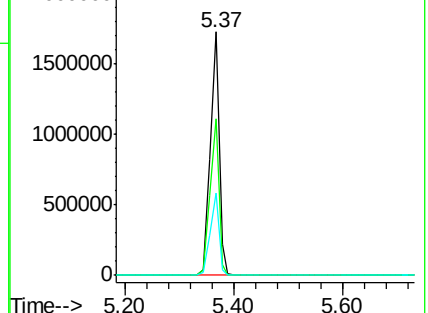
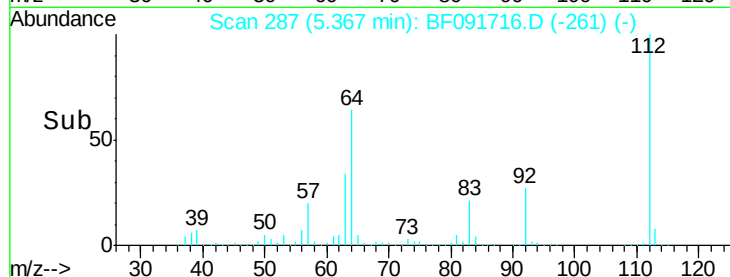
63 33.9 23.8 35.6



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: 50.96 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

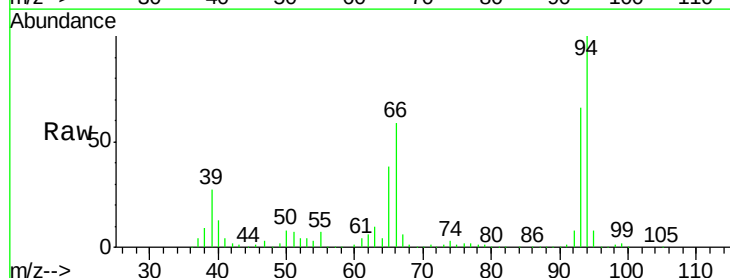
Tgt Ion: 93 Resp: 1653431

Ion Ratio Lower Upper

93 100

66 89.9 76.2 114.2

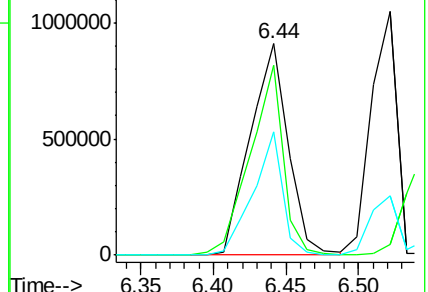
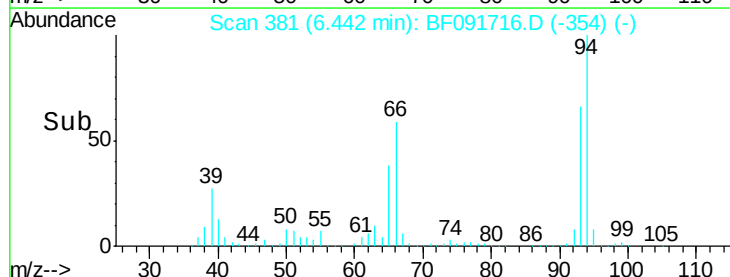
65 58.4 49.3 73.9

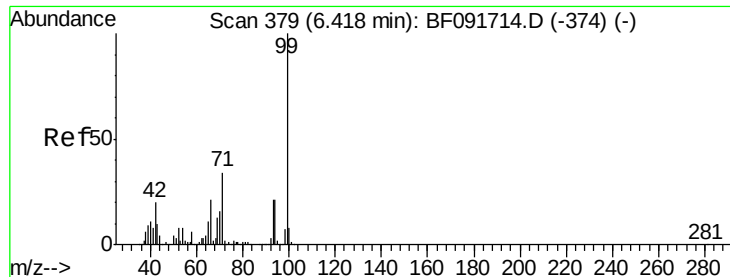


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.68 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

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SSTDICC060

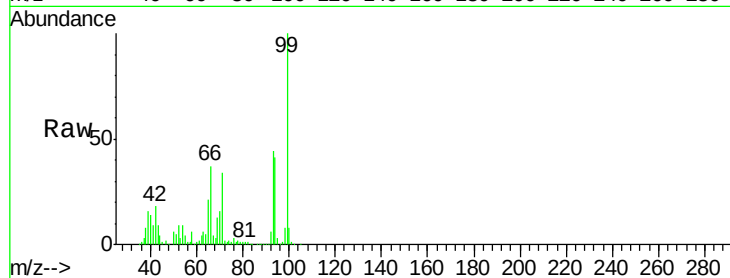
Tgt Ion: 99 Resp: 2626266

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

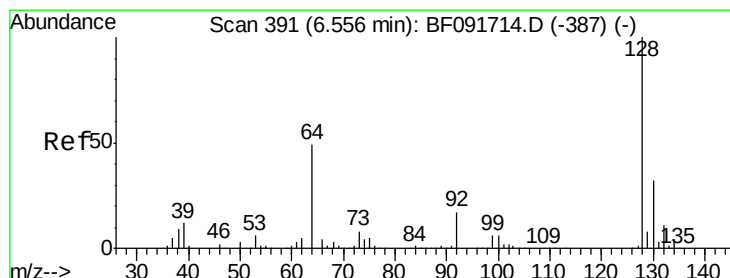
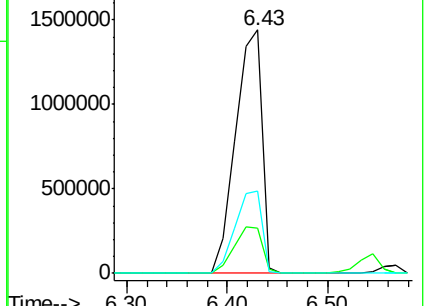
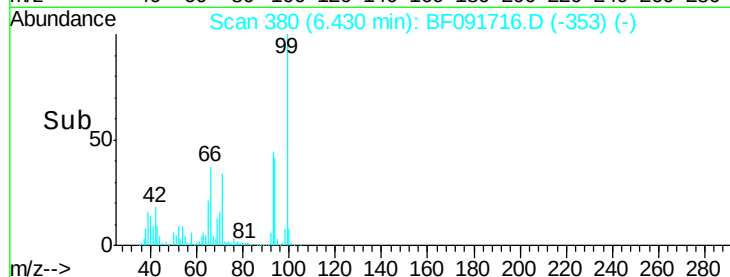
71 33.9 27.5 41.3



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: 54.11 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

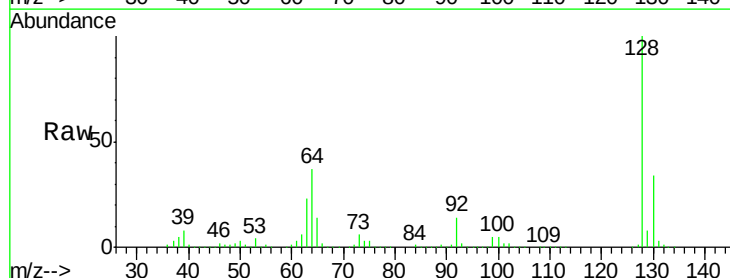
Tgt Ion: 128 Resp: 1205173

Ion Ratio Lower Upper

128 100

130 34.0 12.3 52.3

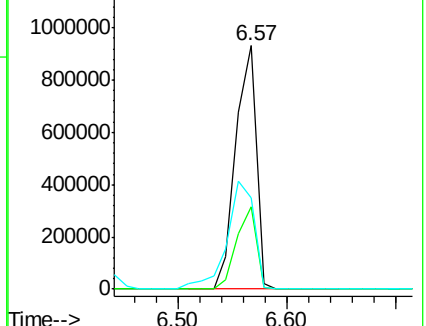
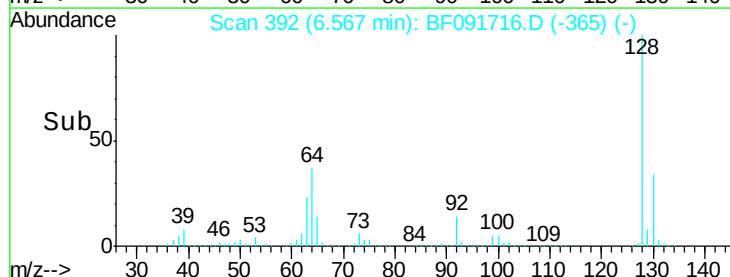
64 37.3 32.2 72.2

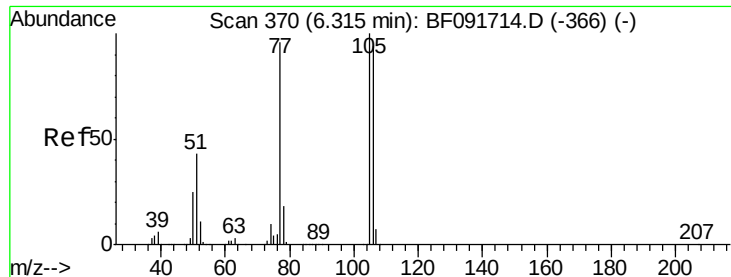


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.30 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

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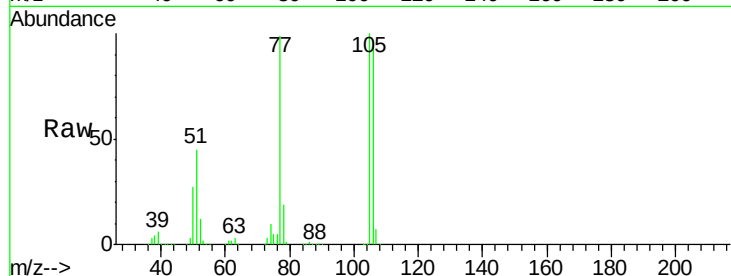
Tgt Ion: 77 Resp: 701231

Ion Ratio Lower Upper

77 100

105 100.7 83.9 123.9

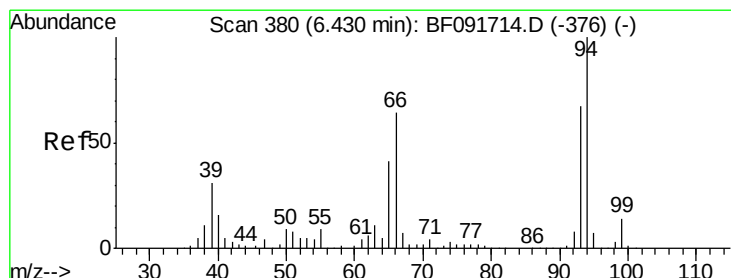
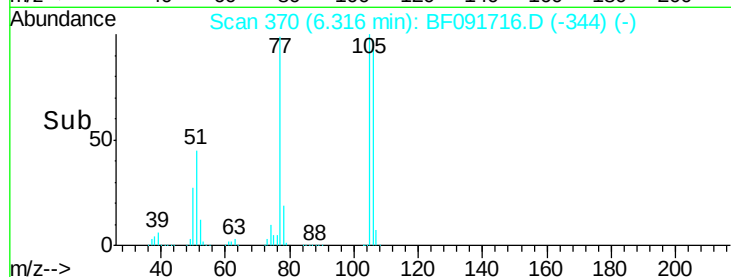
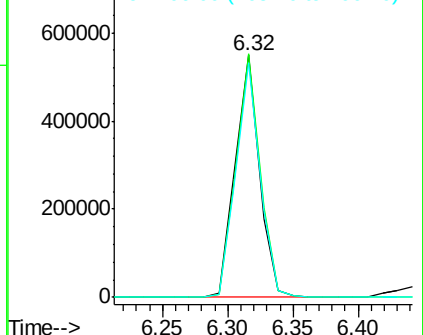
106 97.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 54.03 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

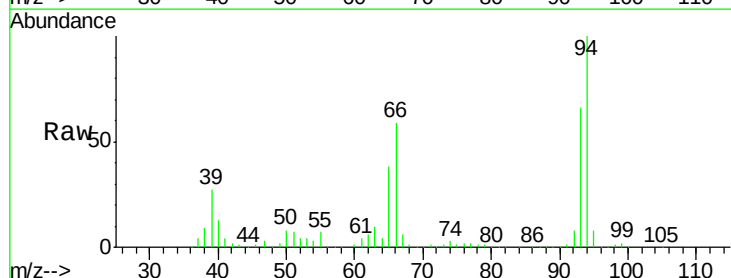
Tgt Ion: 94 Resp: 1599102

Ion Ratio Lower Upper

94 100

65 38.4 21.4 61.4

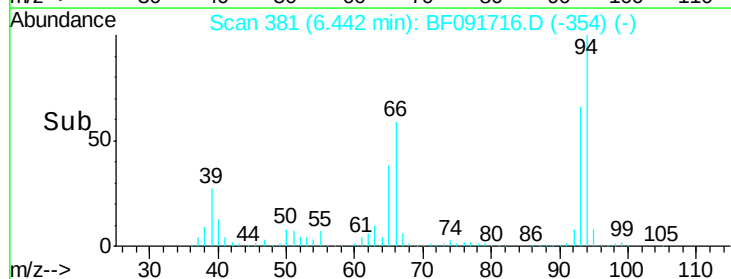
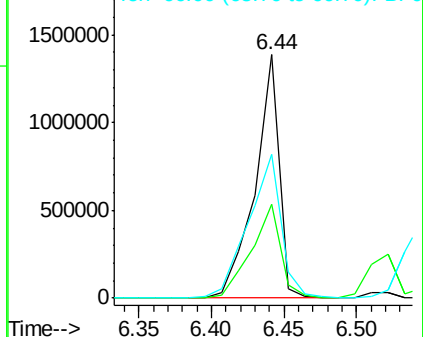
66 59.0 44.0 84.0

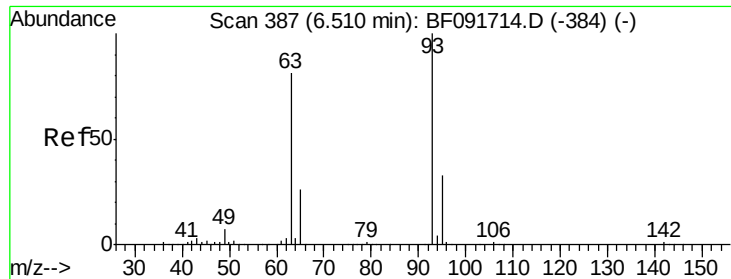


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

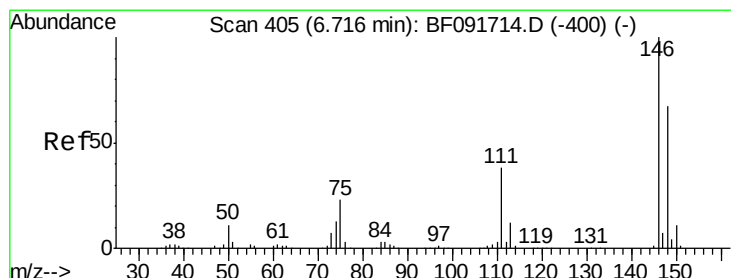
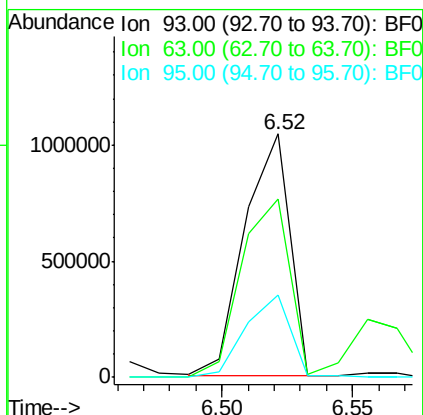
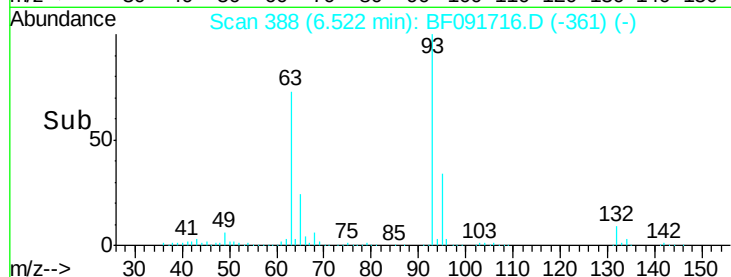
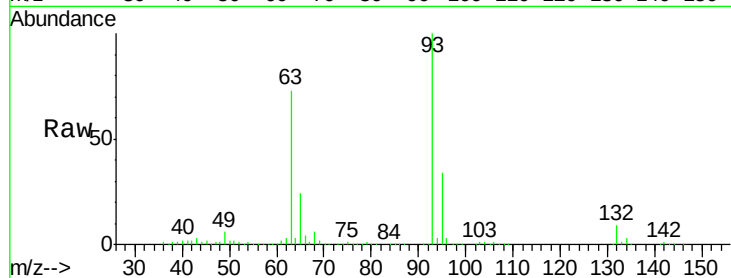




#11
bis(2-Chloroethyl)ether
Concen: 58.91 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

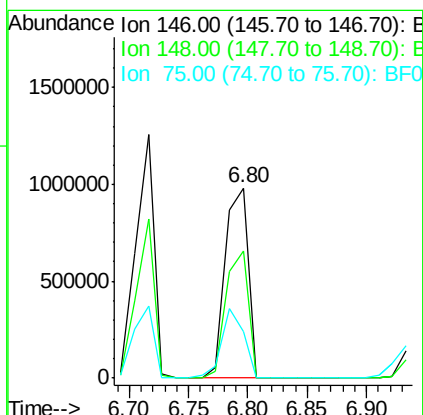
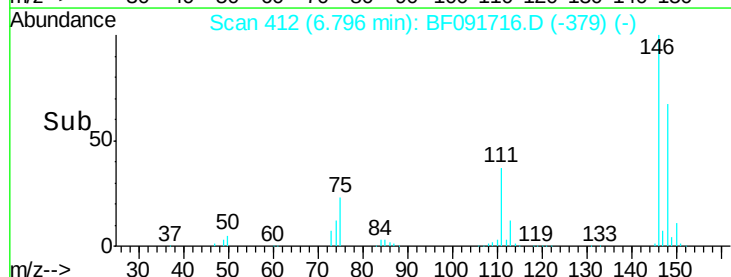
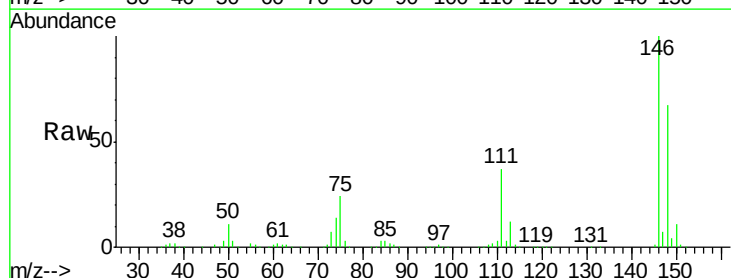
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

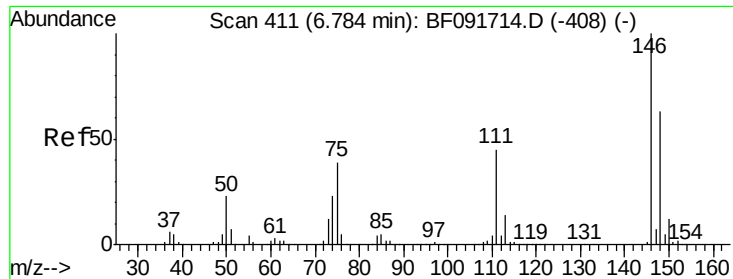
Tgt Ion: 93 Resp: 1269185
Ion Ratio Lower Upper
93 100
63 73.2 60.4 100.4
95 33.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 53.54 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.08 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion: 146 Resp: 1312378
Ion Ratio Lower Upper
146 100
148 66.9 53.4 80.0
75 24.1 18.5 27.7

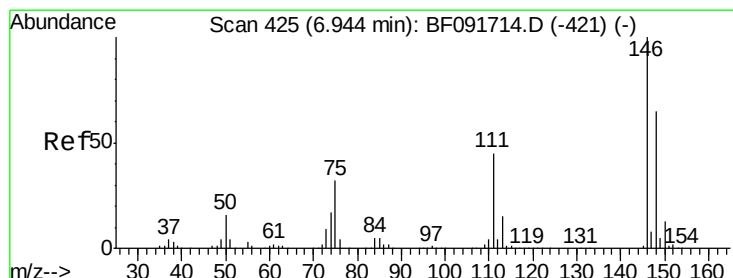
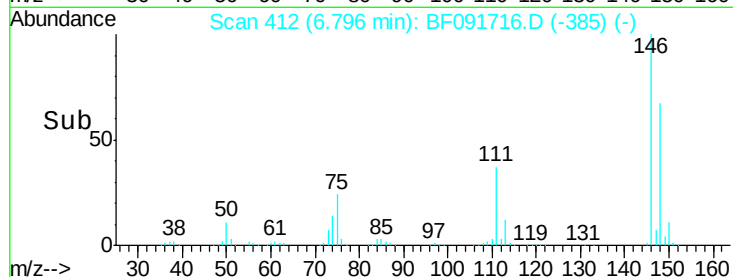
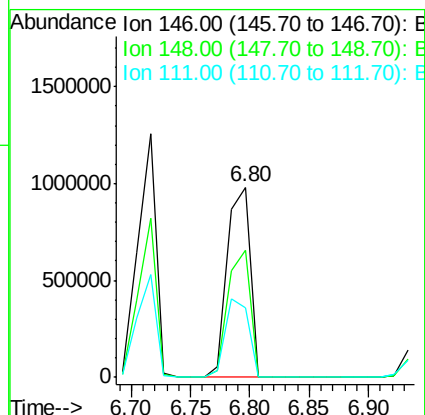
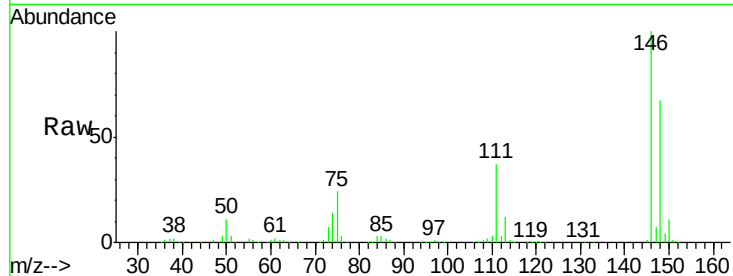




#13
 1,4-Dichlorobenzene
 Concen: 54.35 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

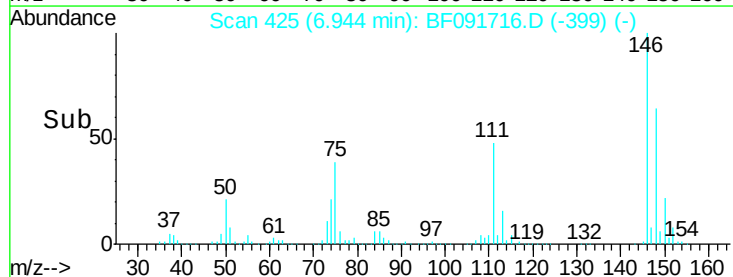
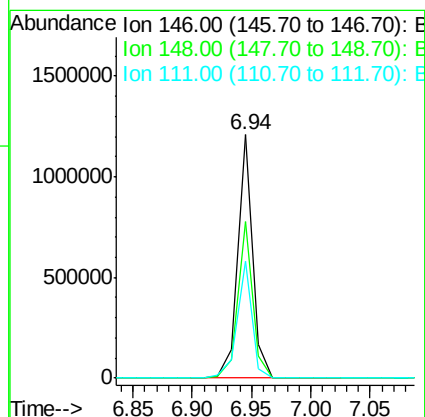
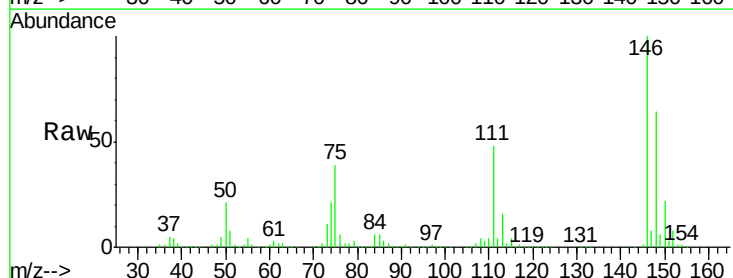
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

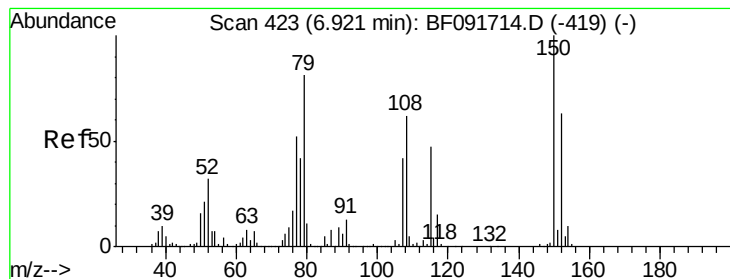
Tgt Ion:146 Resp: 1312378
 Ion Ratio Lower Upper
 146 100
 148 66.9 50.6 76.0
 111 36.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 48.47 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion:146 Resp: 1049881
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 48.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 50.61 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

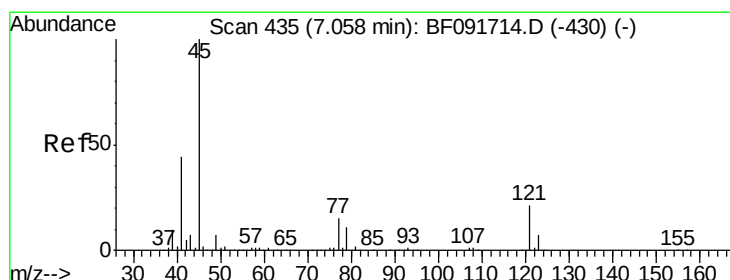
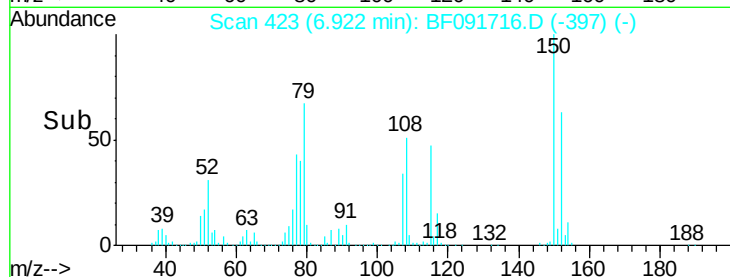
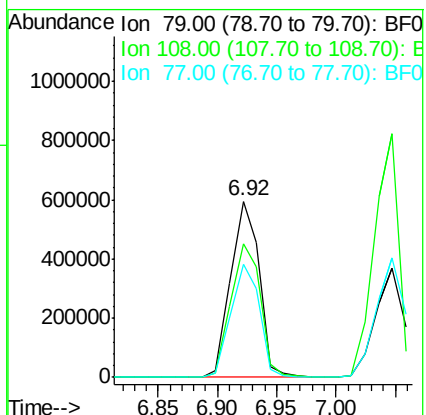
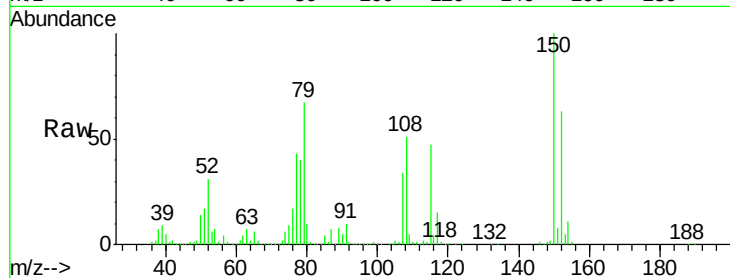
Tgt Ion: 79 Resp: 992613

Ion Ratio Lower Upper

79 100

108 76.2 61.4 92.0

77 64.1 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.44 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

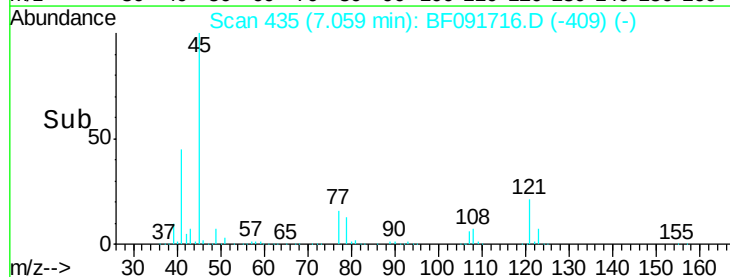
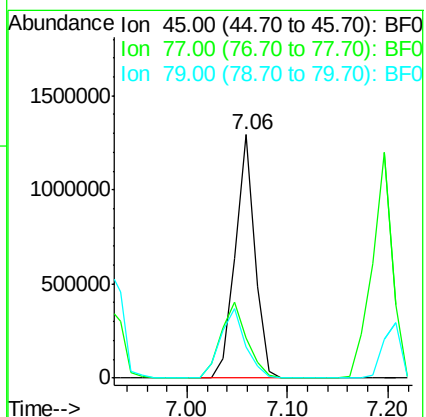
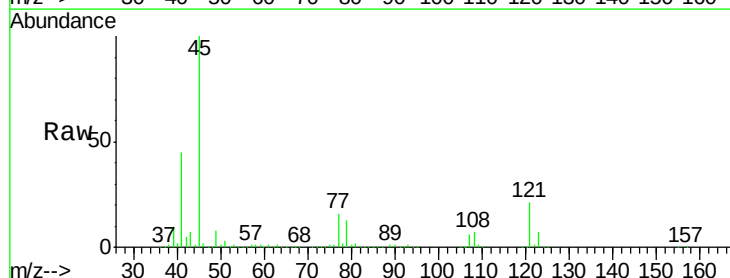
Tgt Ion: 45 Resp: 1757956

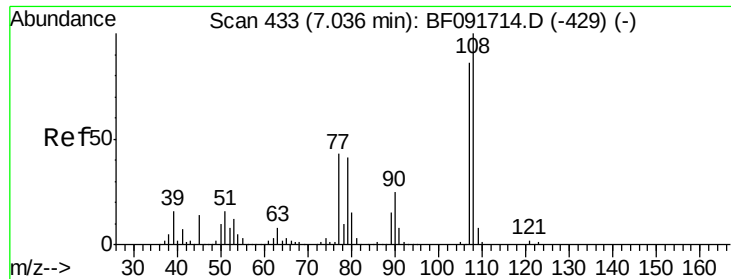
Ion Ratio Lower Upper

45 100

77 16.3 0.0 34.6

79 13.0 0.0 31.2

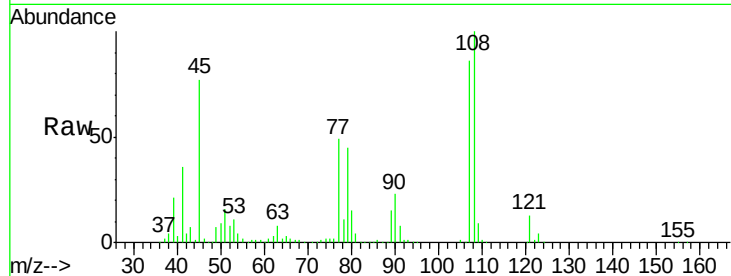




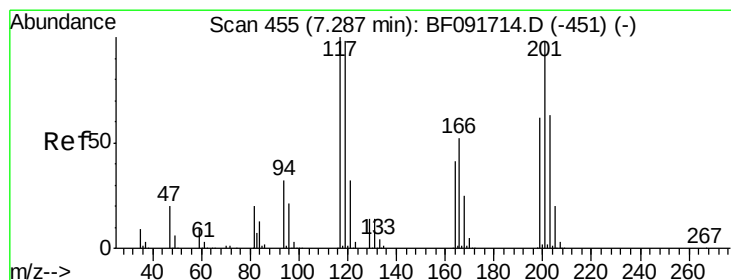
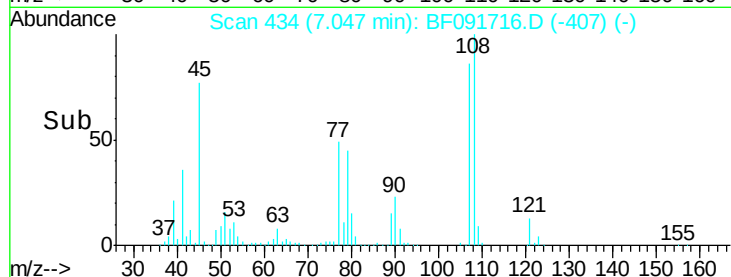
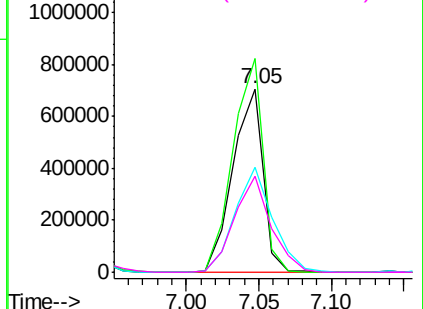
#17
2-Methylphenol
Concen: 55.30 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1022040
Ion Ratio Lower Upper
107 100
108 116.6 93.0 139.6
77 57.0 39.8 59.8
79 52.3 38.0 57.0

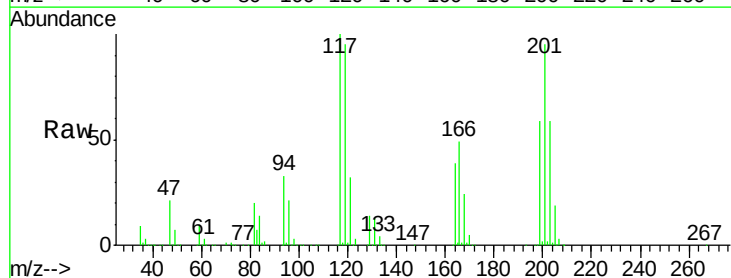


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

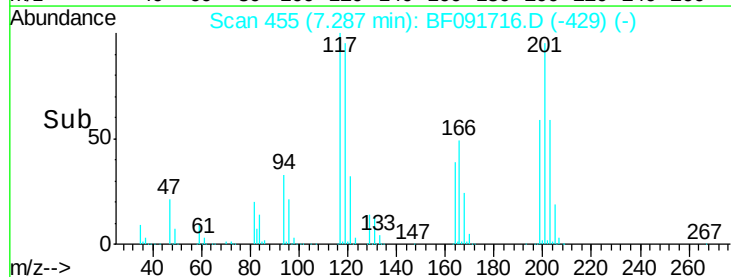
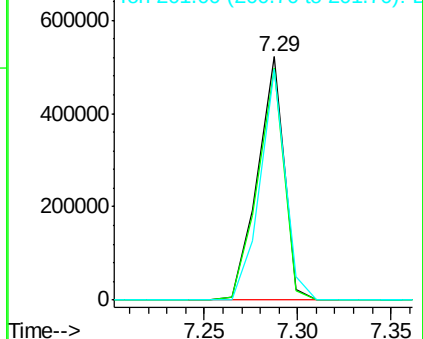


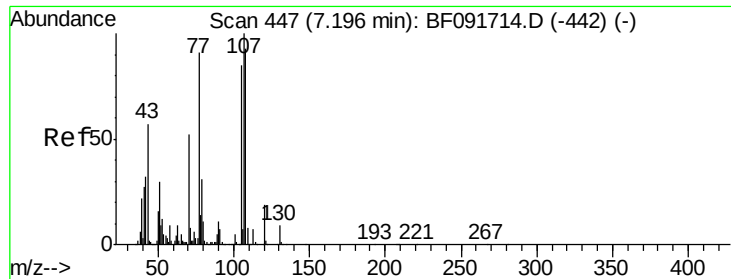
#18
Hexachloroethane
Concen: 54.27 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:117 Resp: 508767
Ion Ratio Lower Upper
117 100
119 95.4 78.1 117.1
201 94.8 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

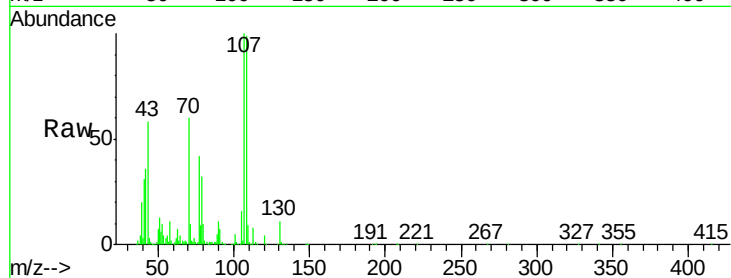




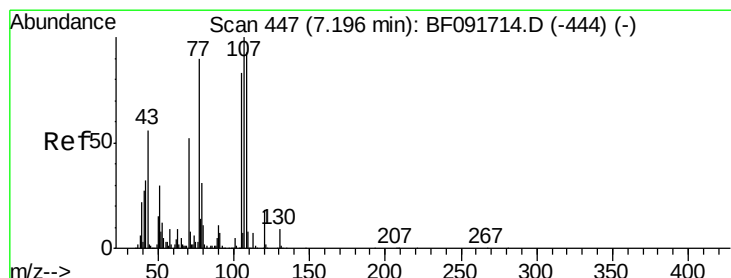
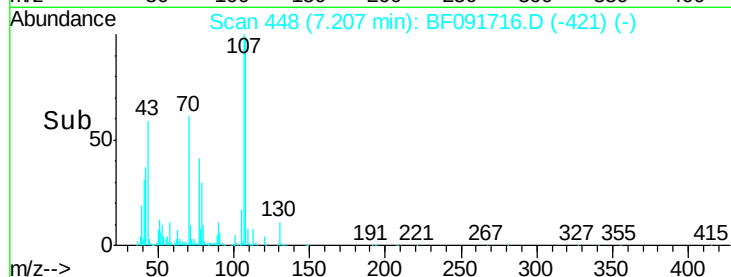
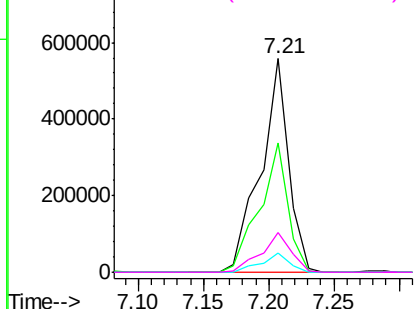
#19
n-Nitroso-di-n-propylamine
Concen: 54.12 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:	70	Resp:	835689
Ion	Ratio	Lower	Upper
70	100		
42	60.3	49.4	74.0
101	8.8	7.4	11.2
130	18.5	14.2	21.4

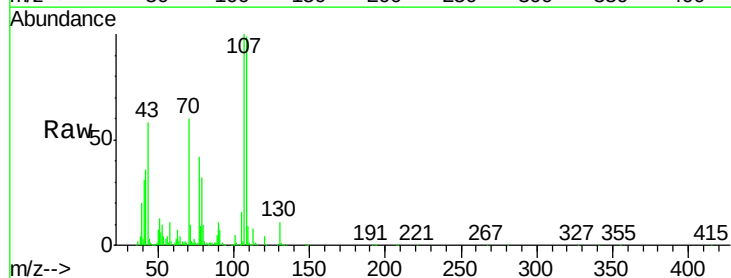


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

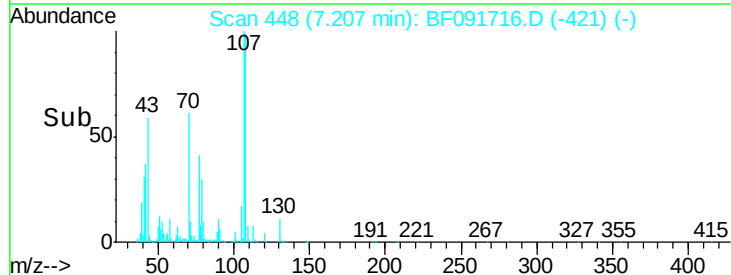
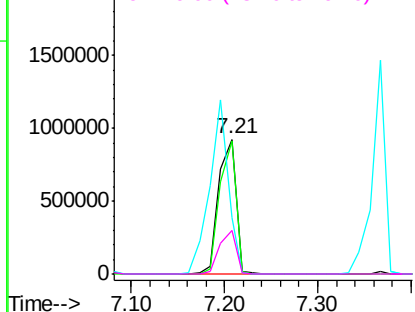


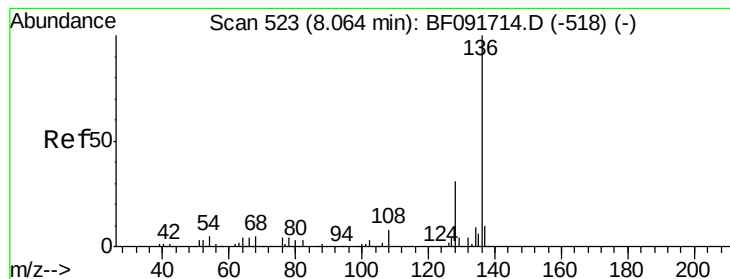
#20
3+4-Methylphenols
Concen: 51.86 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:	107	Resp:	1189402
Ion	Ratio	Lower	Upper
107	100		
108	99.1	73.0	113.0
77	42.2	71.3	111.3#
79	32.1	11.1	51.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 1368617

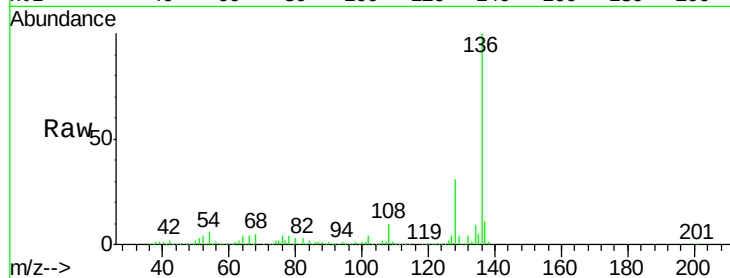
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 5.9 4.5 6.7

68 4.9 3.6 5.4

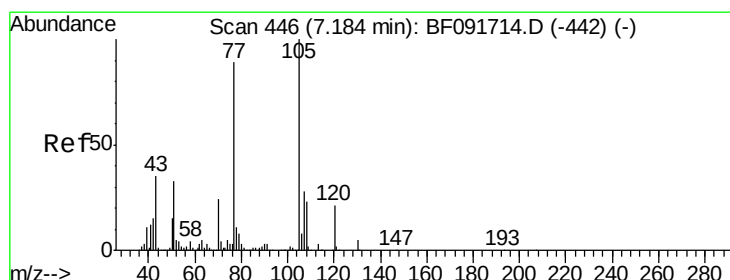
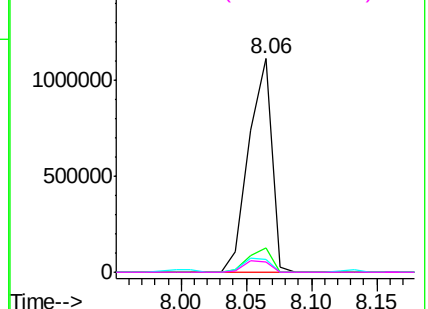
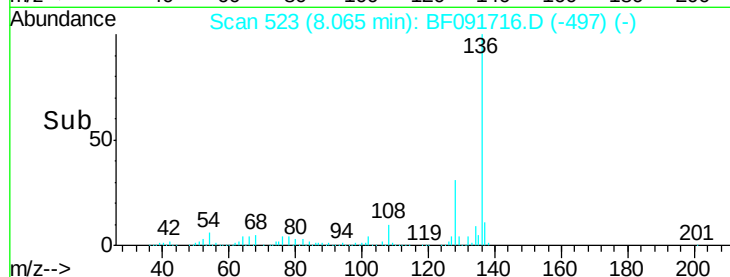


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.96 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Tgt Ion:105 Resp: 1686318

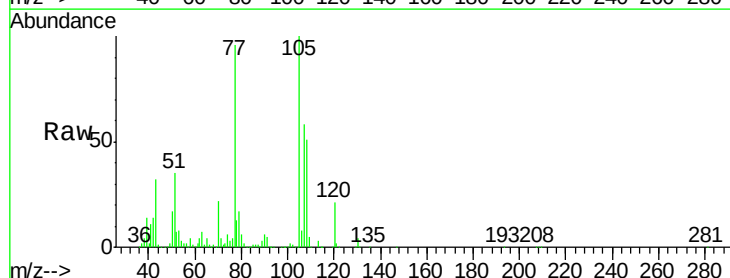
Ion Ratio Lower Upper

105 100

71 3.7 3.2 4.8

51 34.9 26.2 39.4

120 21.1 16.6 24.8

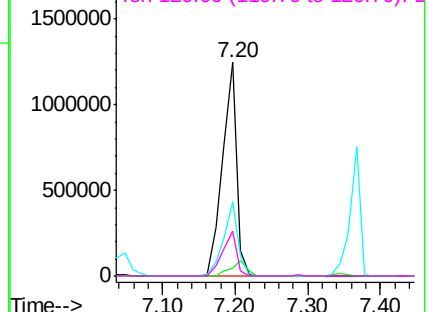
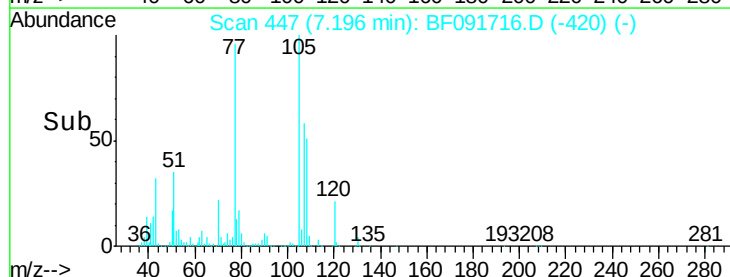


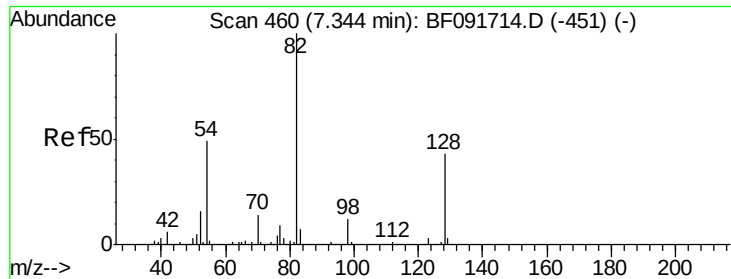
Abundance Ion 105.00 (104.70 to 105.70): E

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

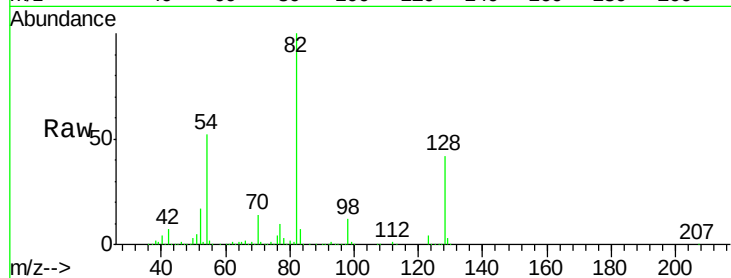




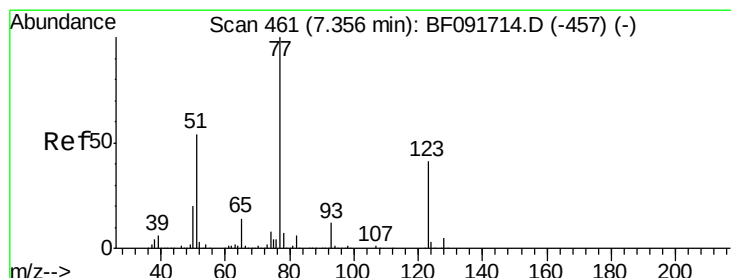
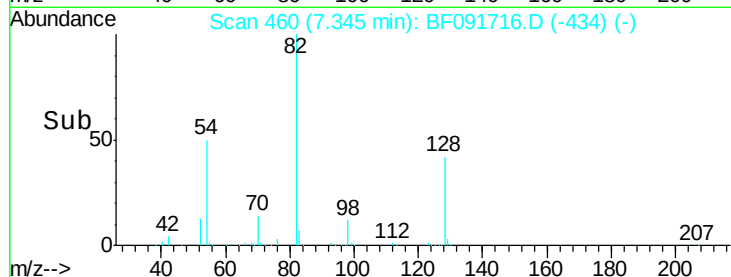
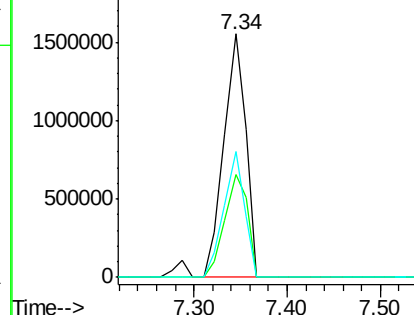
#23
 Nitrobenzene-d5
 Concen: 102.45 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 82 Resp: 2542317
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 52.0
 54 51.6 39.5 59.3

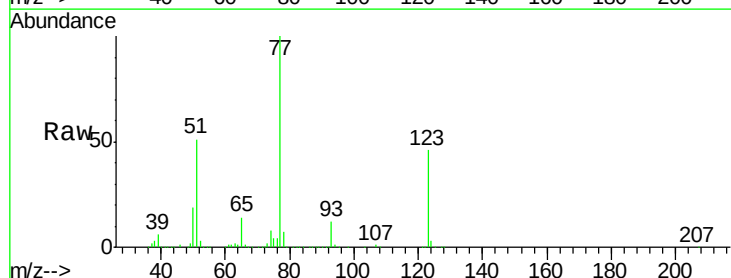


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

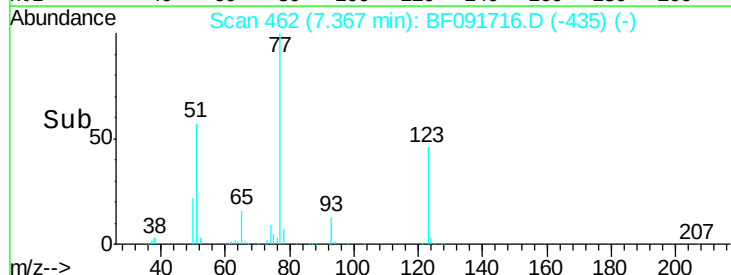
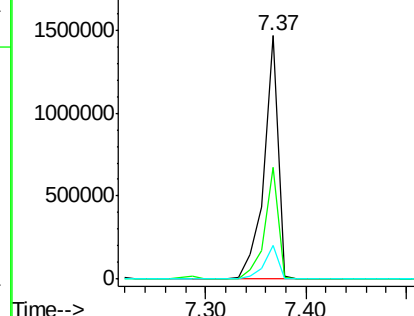


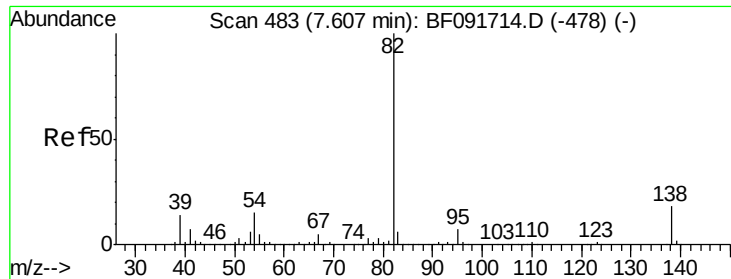
#24
 Nitrobenzene
 Concen: 55.76 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.01 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion: 77 Resp: 1423038
 Ion Ratio Lower Upper
 77 100
 123 45.7 33.0 49.4
 65 14.0 11.2 16.8



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





#25

Isophorone

Concen: 57.39 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

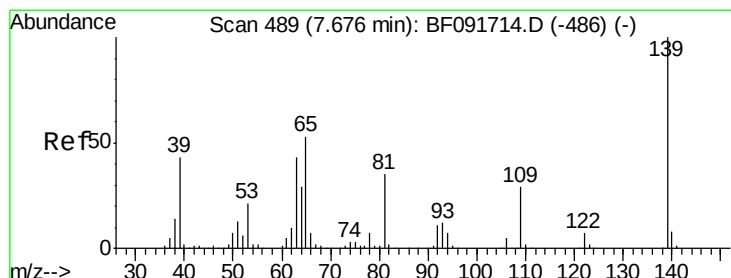
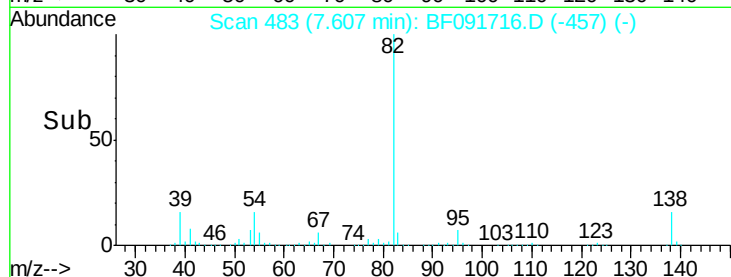
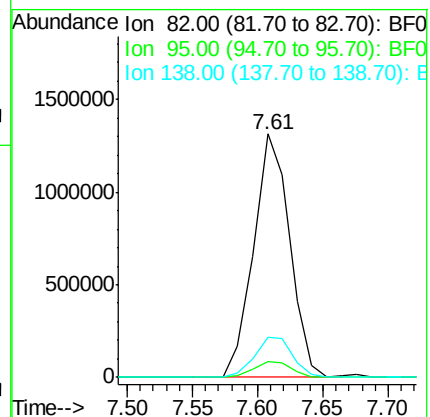
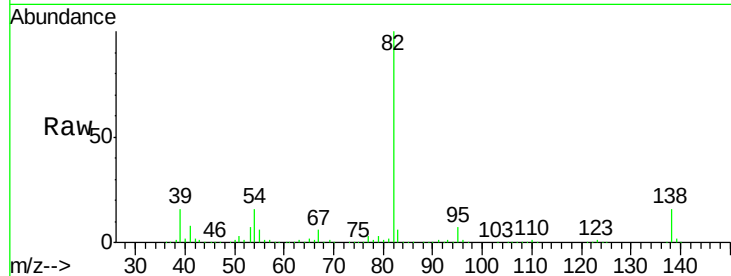
Tgt Ion: 82 Resp: 2544705

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 16.3 14.6 22.0



#26

2-Nitrophenol

Concen: 55.66 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

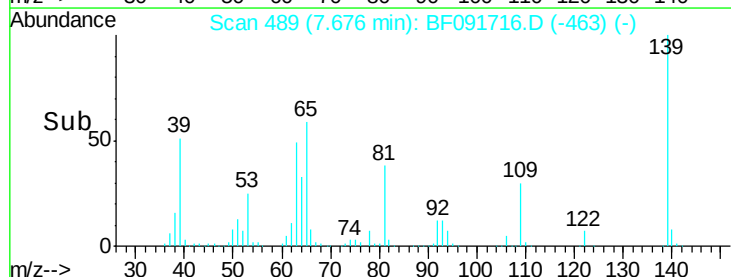
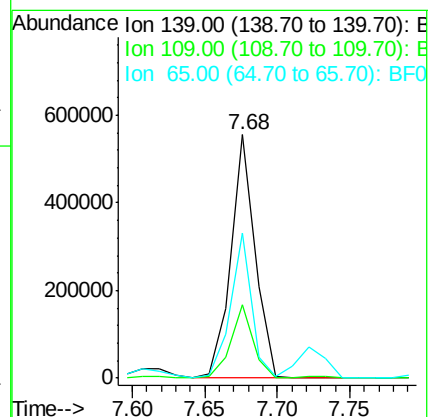
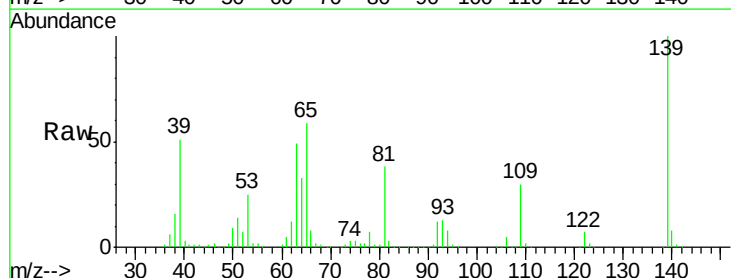
Tgt Ion: 139 Resp: 644231

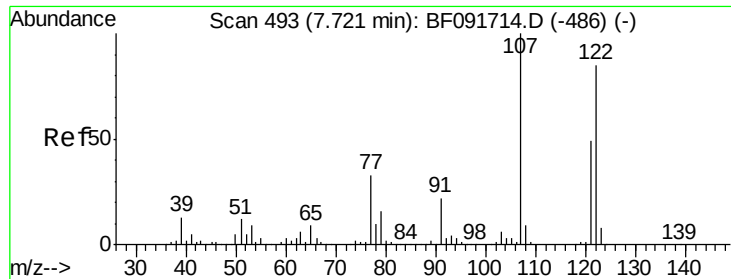
Ion Ratio Lower Upper

139 100

109 30.1 23.3 34.9

65 59.4 42.7 64.1

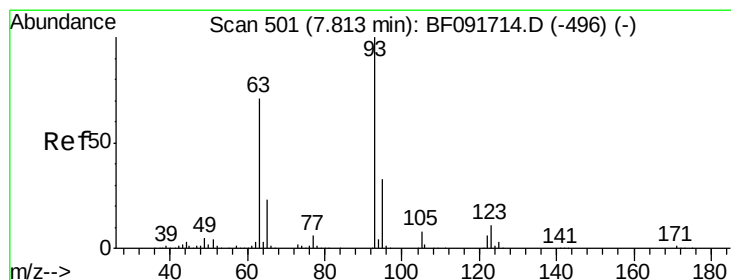
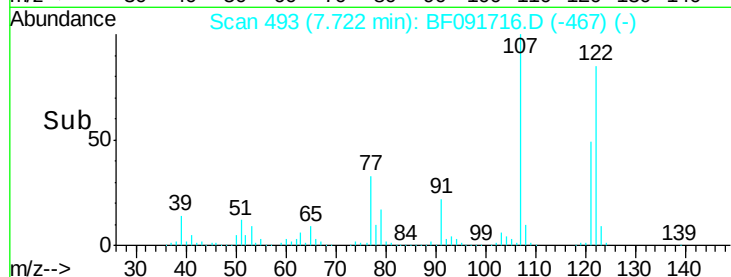
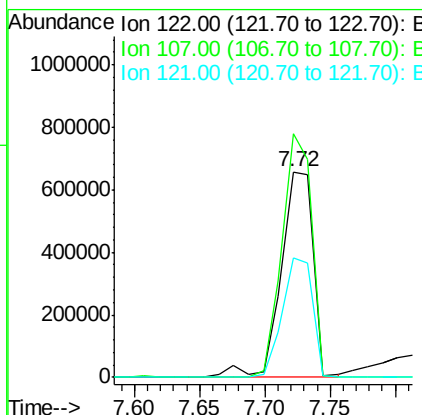
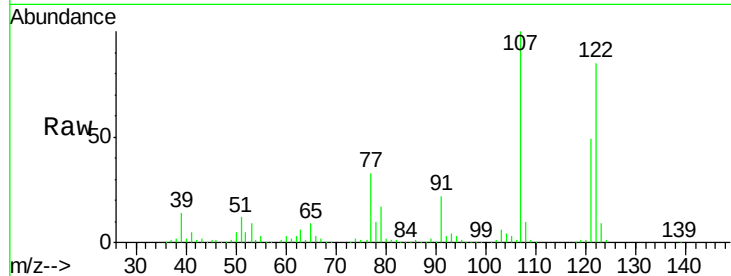




#27
2,4-Dimethylphenol
Concen: 55.99 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

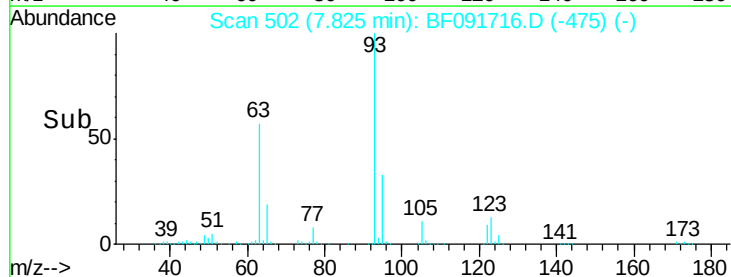
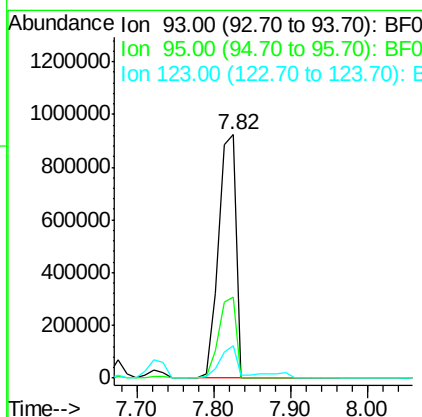
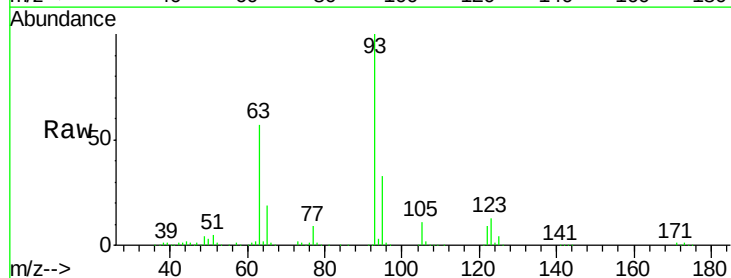
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

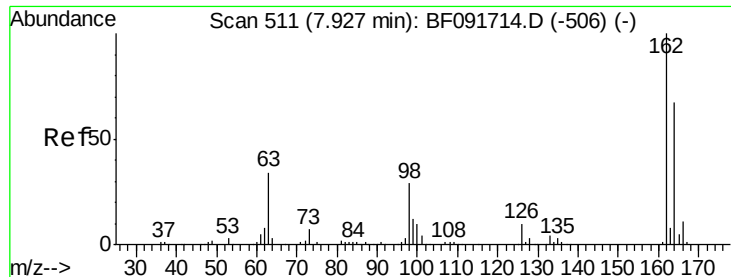
Tgt Ion:122 Resp: 1142122
Ion Ratio Lower Upper
122 100
107 118.3 94.1 141.1
121 57.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 58.02 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion: 93 Resp: 1480385
Ion Ratio Lower Upper
93 100
95 33.4 26.5 39.7
123 13.1 8.6 13.0#

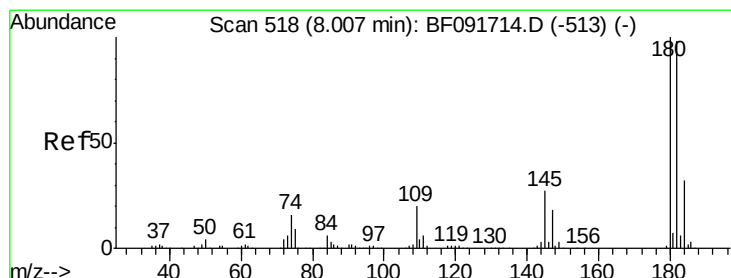
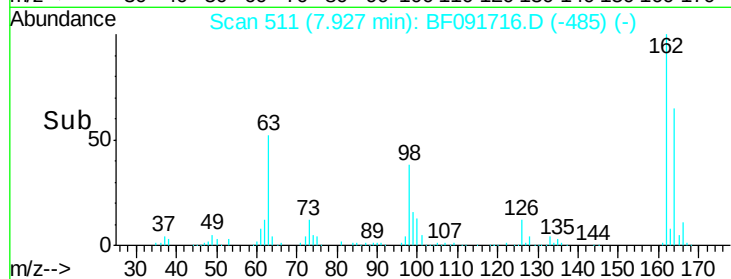
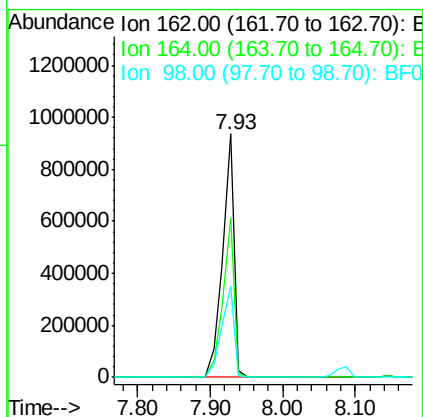
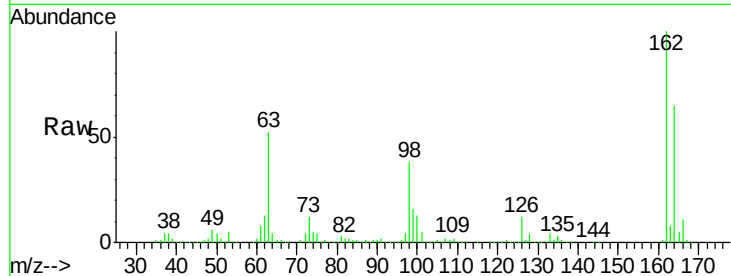




#29
2,4-Dichlorophenol
Concen: 58.58 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

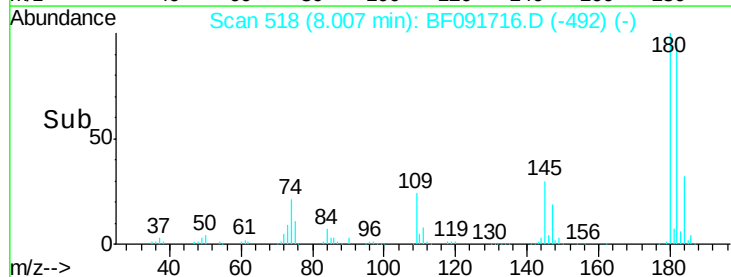
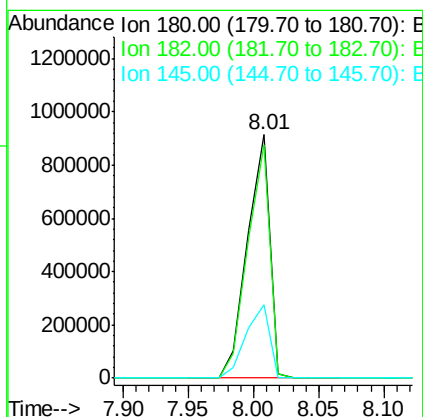
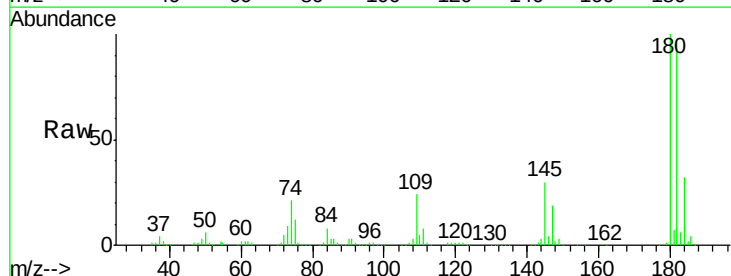
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

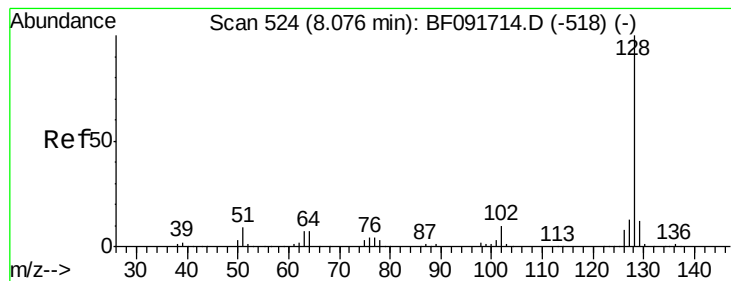
Tgt Ion:162 Resp: 1031638
Ion Ratio Lower Upper
162 100
164 65.2 46.8 86.8
98 37.7 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 54.18 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:180 Resp: 1089489
Ion Ratio Lower Upper
180 100
182 96.1 78.2 117.4
145 30.2 21.6 32.4





#31

Naphthalene

Concen: 53.94 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

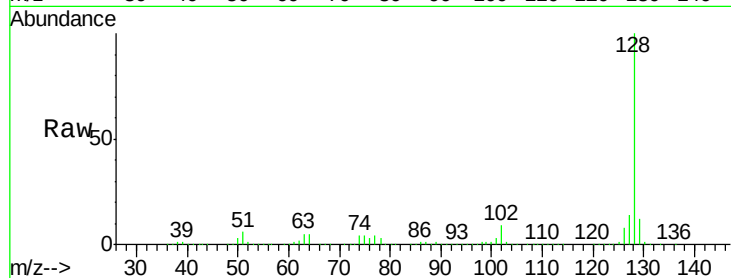
Tgt Ion:128 Resp: 3475652

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

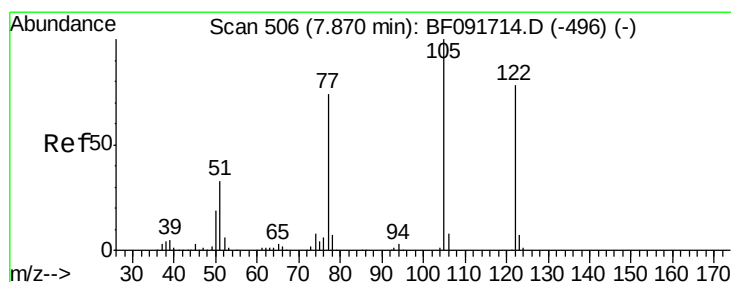
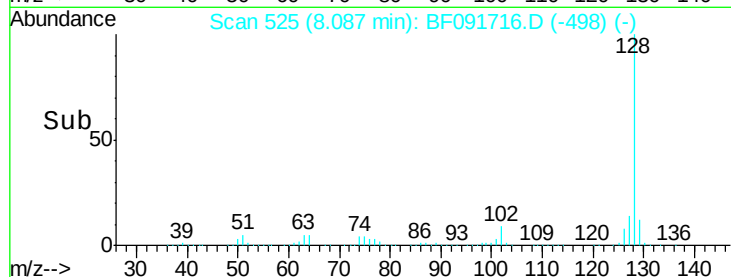
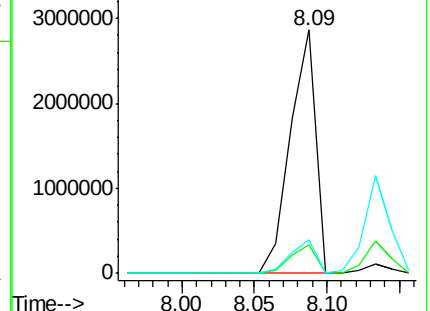
127 14.1 10.8 16.2



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: 65.14 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.02 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

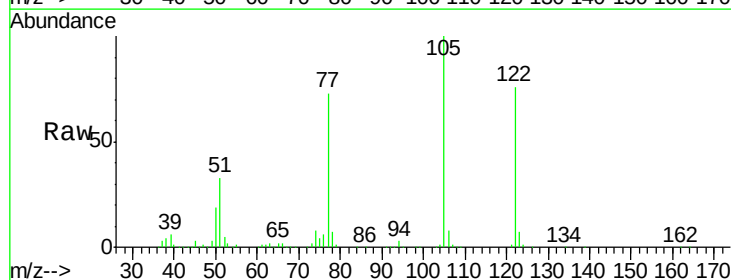
Tgt Ion:122 Resp: 906670

Ion Ratio Lower Upper

122 100

105 131.0 107.2 147.2

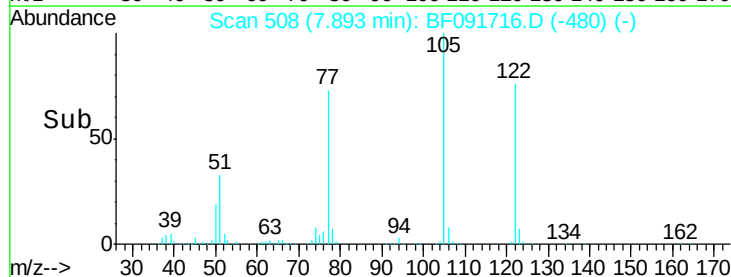
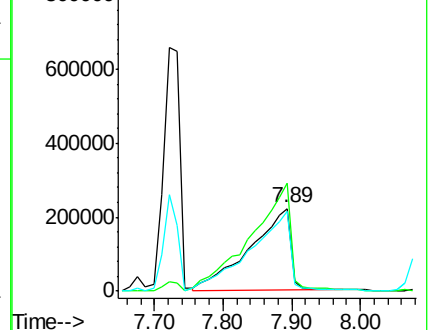
77 95.6 74.5 114.5

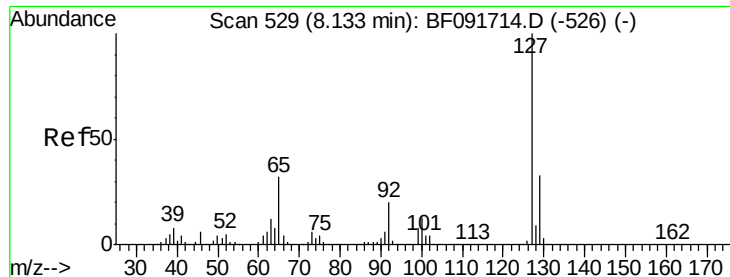


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

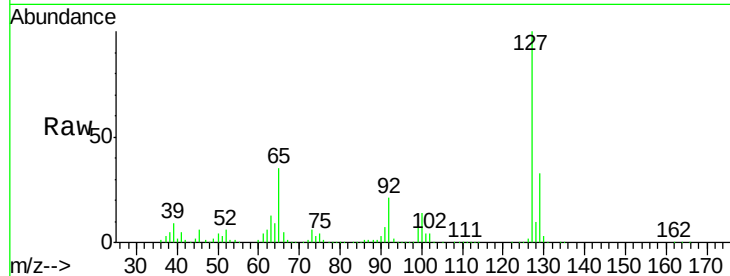




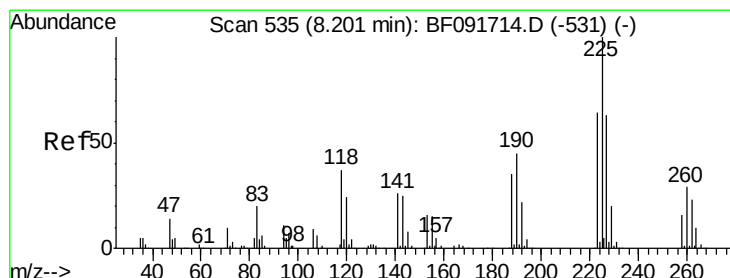
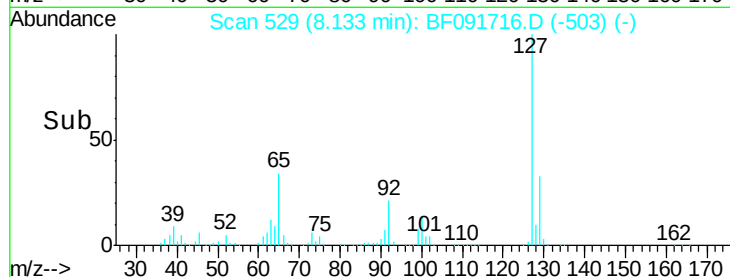
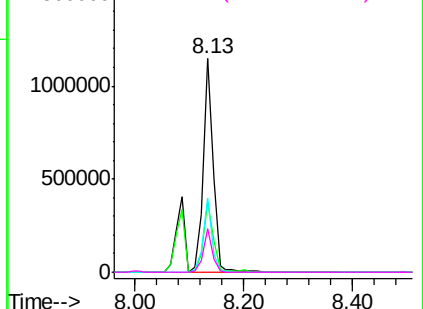
#33
4-Chloroaniline
Concen: 51.08 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:	127	Resp:	1420719
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	34.9	25.8	38.8
92	20.7	16.1	24.1

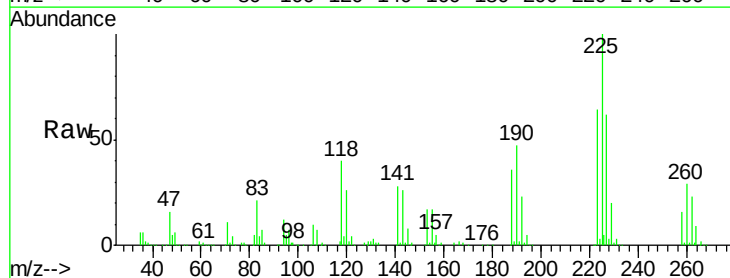


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

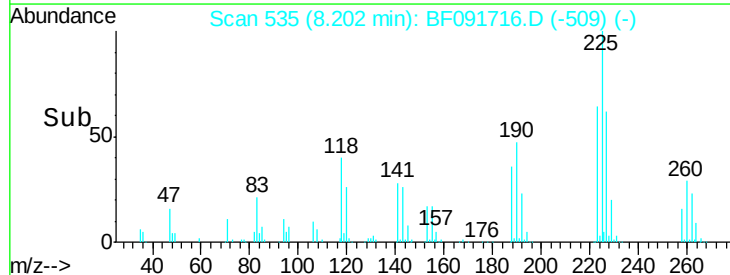
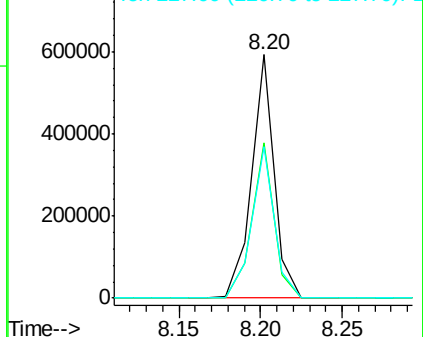


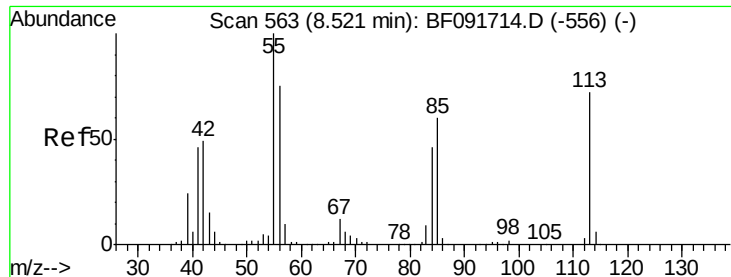
#34
Hexachlorobutadiene
Concen: 49.74 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:	225	Resp:	565564
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	62.4	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

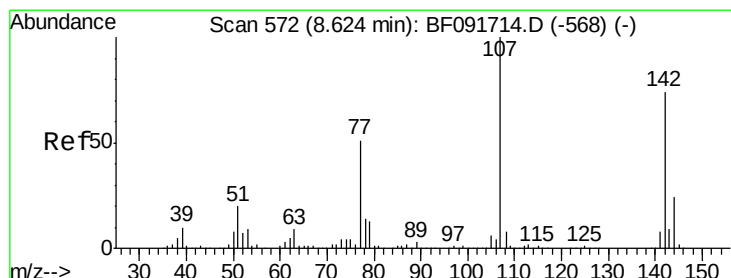
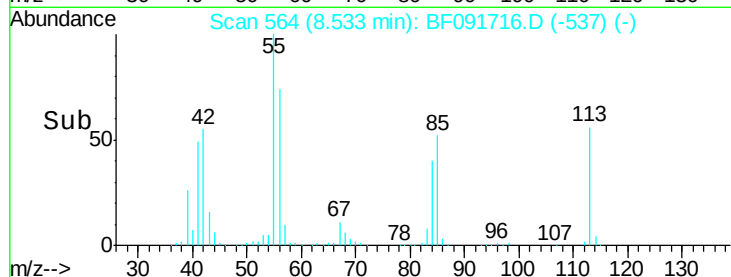
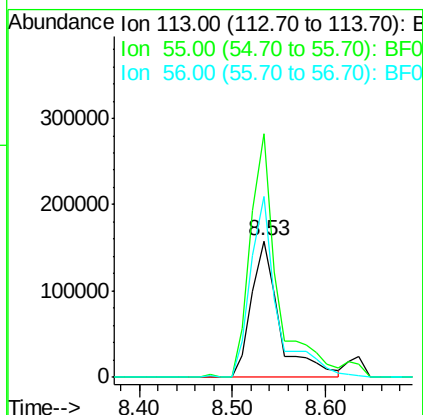
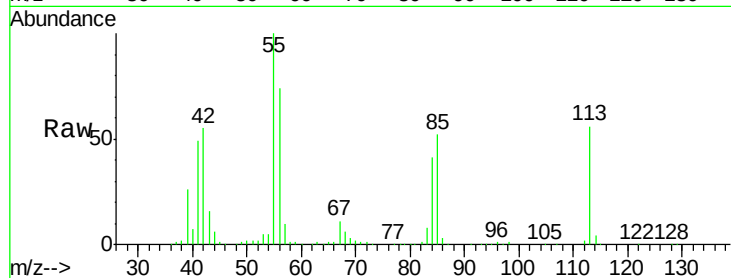




#35
Caprolactam
Concen: 62.20 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

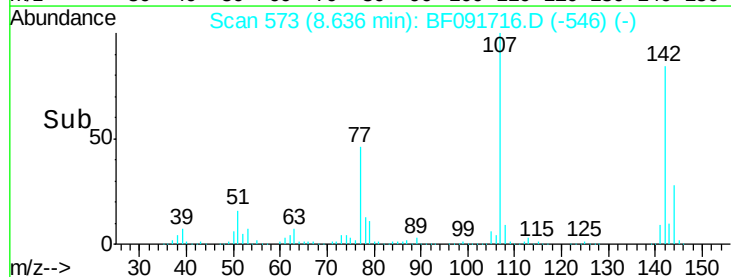
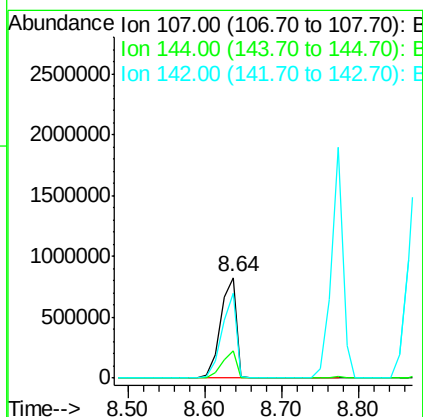
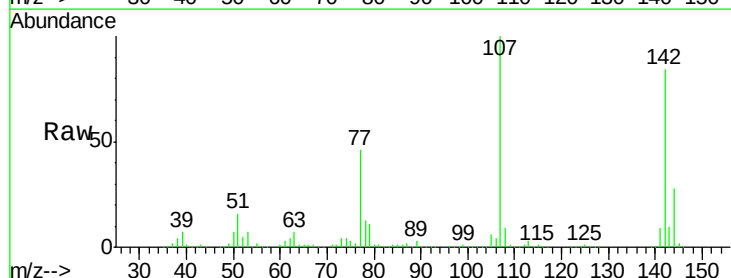
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

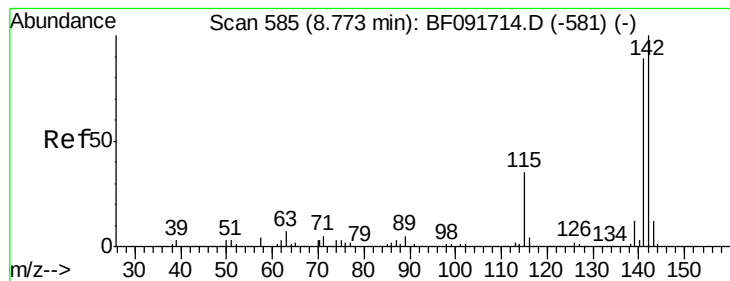
Tgt Ion:113 Resp: 333857
Ion Ratio Lower Upper
113 100
55 178.8 119.2 159.2#
56 133.0 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 60.28 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:107 Resp: 1192111
Ion Ratio Lower Upper
107 100
144 27.6 19.3 28.9
142 83.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 47.45 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

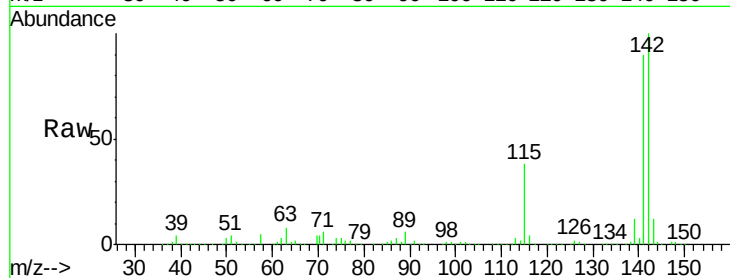
Tgt Ion:142 Resp: 1980678

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

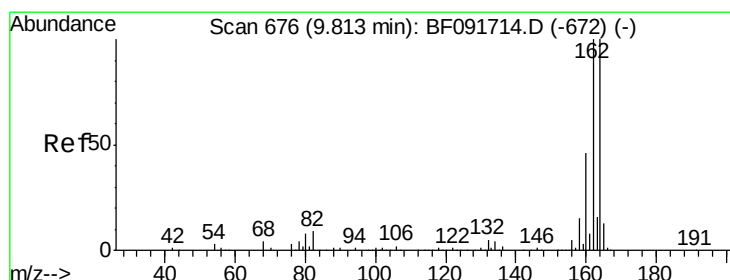
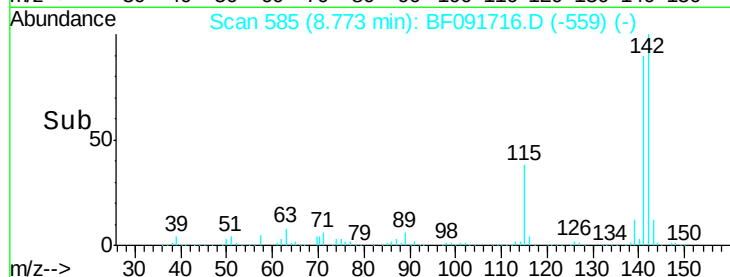
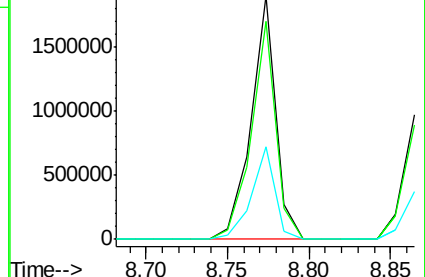
115 37.9 28.3 42.5



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: BF091716.D

Acq: 17 Dec 2016 15:43

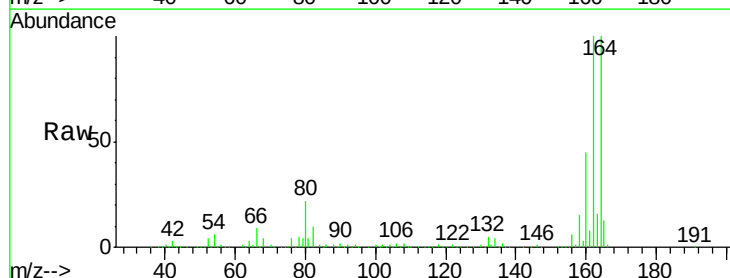
Tgt Ion:164 Resp: 722323

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

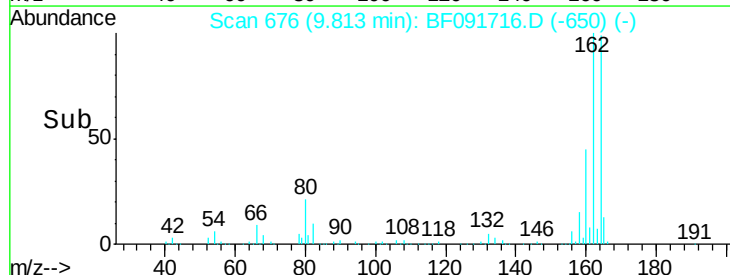
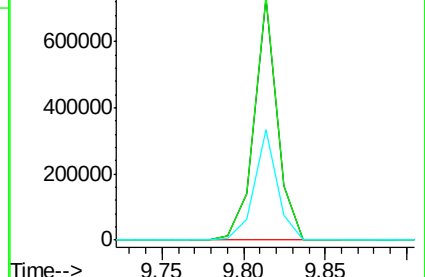
160 45.4 36.9 55.3

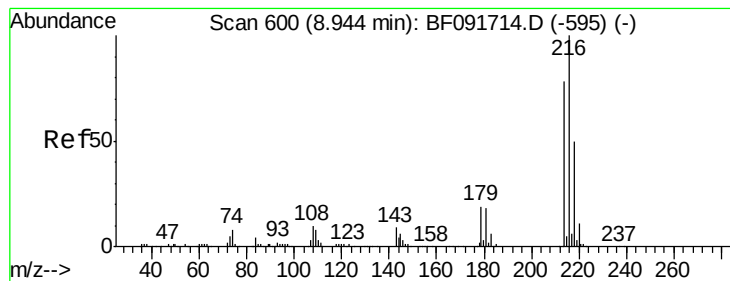


Abundance Ion 164.00 (163.70 to 164.70): E

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: 49.02 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:216 Resp: 977735

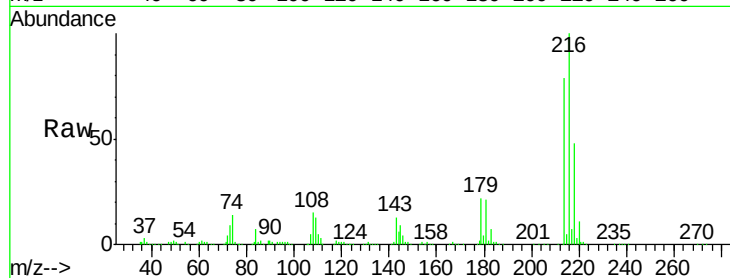
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.0

179 22.8 17.4 26.2

108 21.1 15.6 23.4

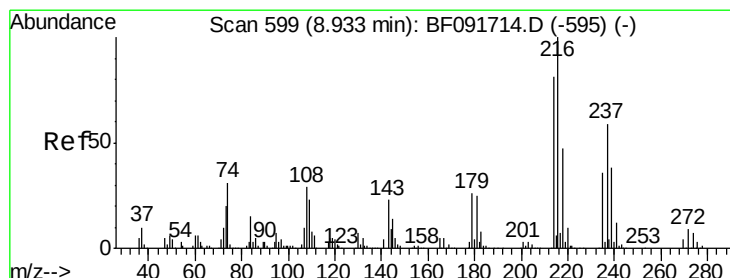
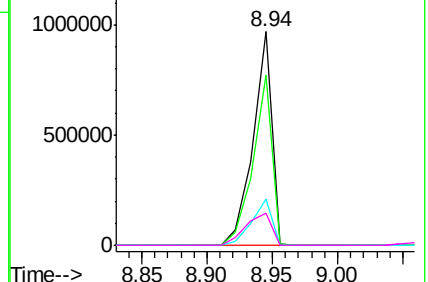
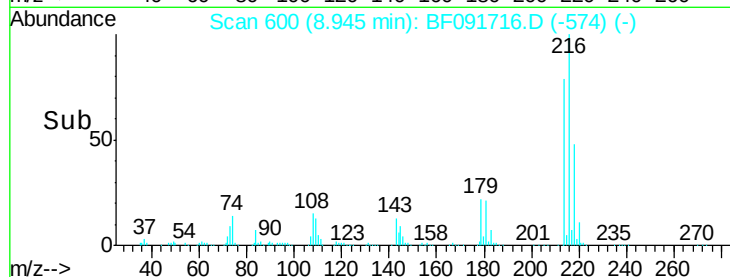


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.01 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

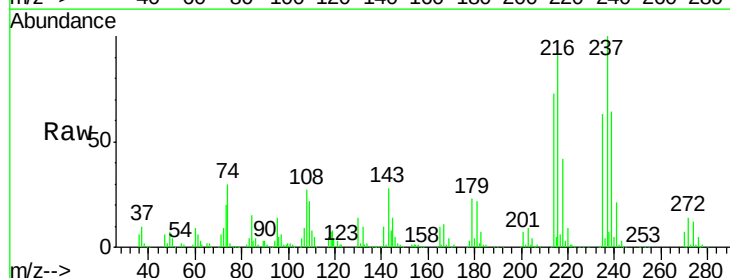
Tgt Ion:237 Resp: 493449

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

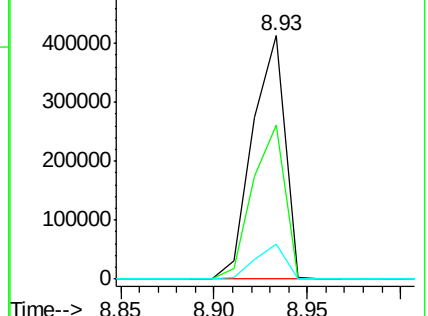
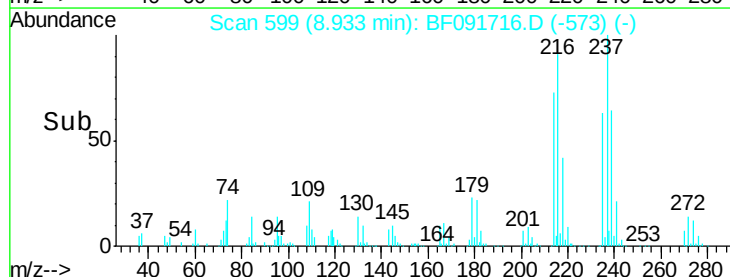
272 14.2 0.0 35.4

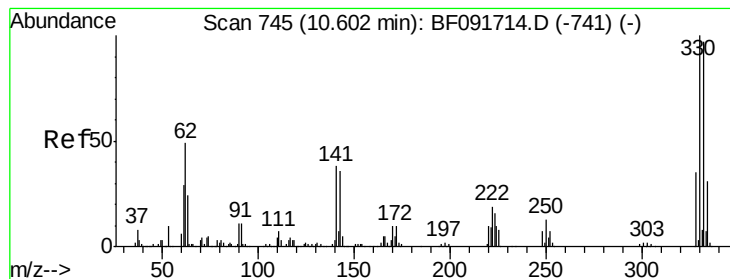


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

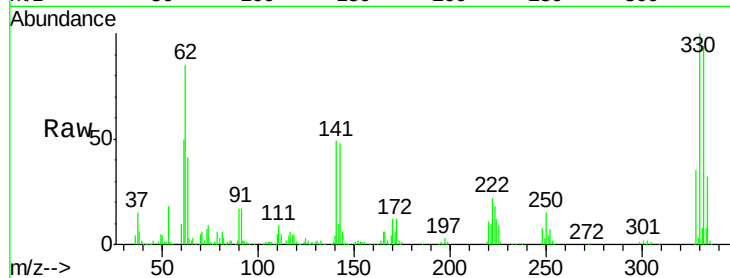




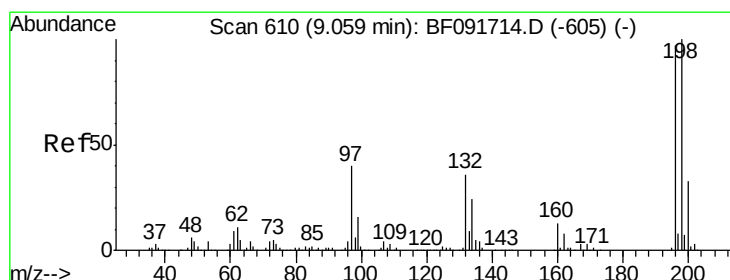
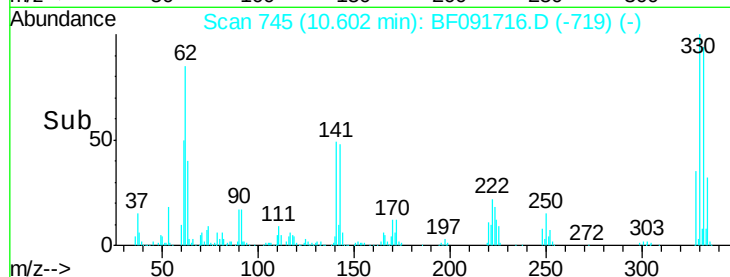
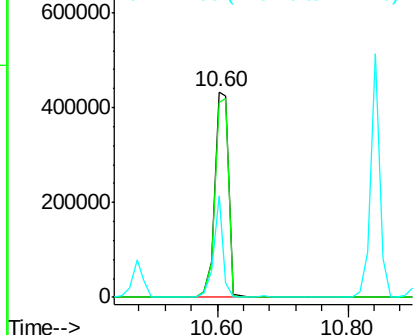
#41
 2,4,6-Tribromophenol
 Concen: 109.13 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:330 Resp: 657689
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 32.7 34.1 51.1#

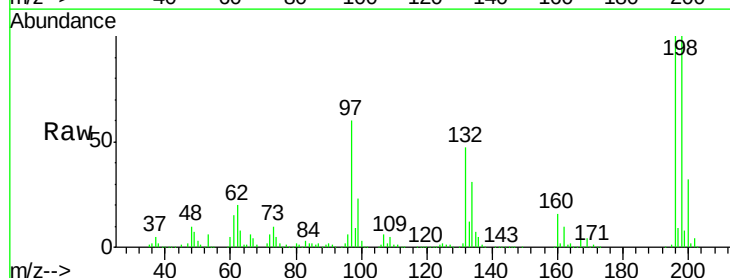


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

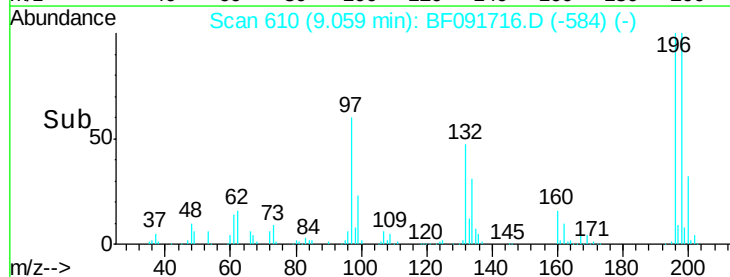
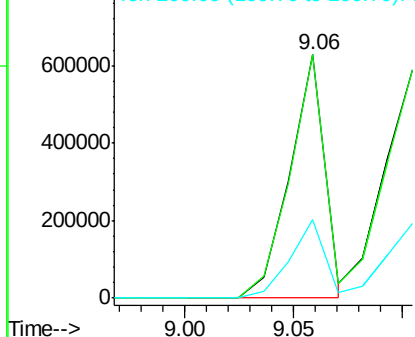


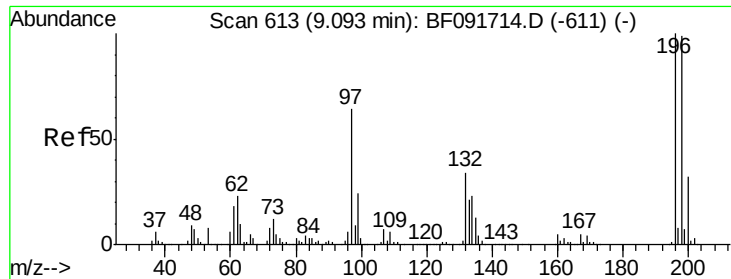
#42
 2,4,6-Trichlorophenol
 Concen: 55.14 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion:196 Resp: 702666
 Ion Ratio Lower Upper
 196 100
 198 100.0 82.1 123.1
 200 32.5 27.0 40.4



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

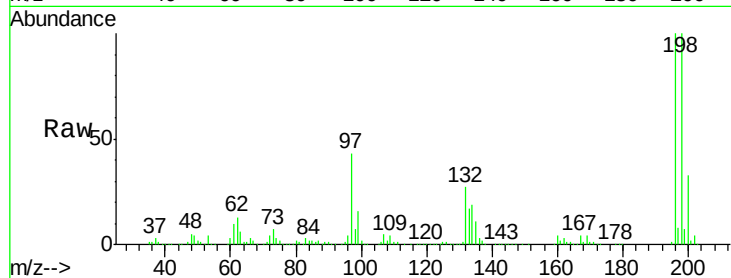




#43
2,4,5-Trichlorophenol
Concen: 56.09 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Resp	Lower	Upper
196	741165		
196	100		
198	100.2	79.4	119.2
97	42.9	51.5	77.3#
132	26.9	27.4	41.2#



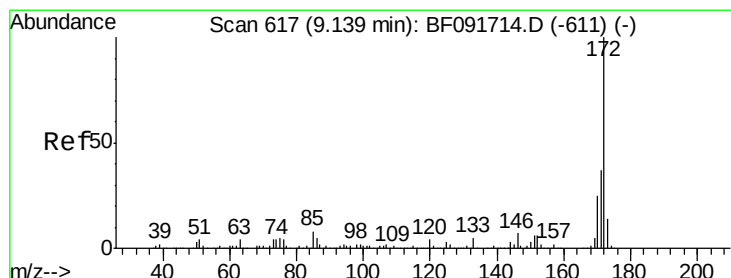
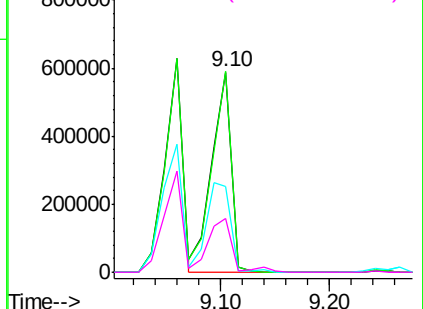
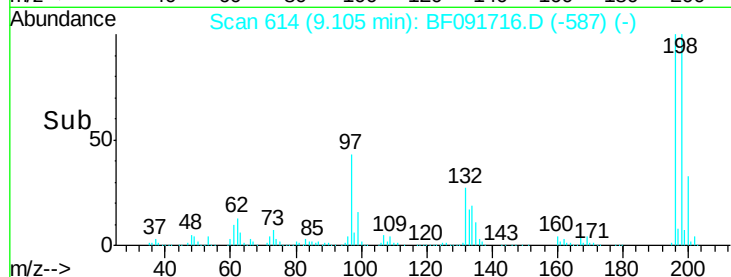
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

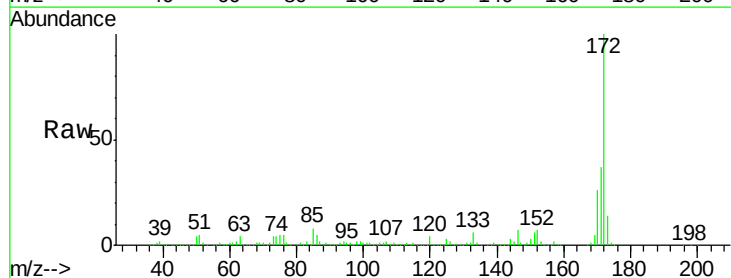
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 90.43 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion	Resp	Lower	Upper
172	3707583		
172	100		
171	37.0	29.4	44.0
170	25.7	20.2	30.4

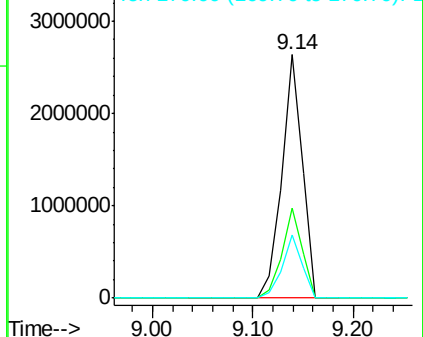
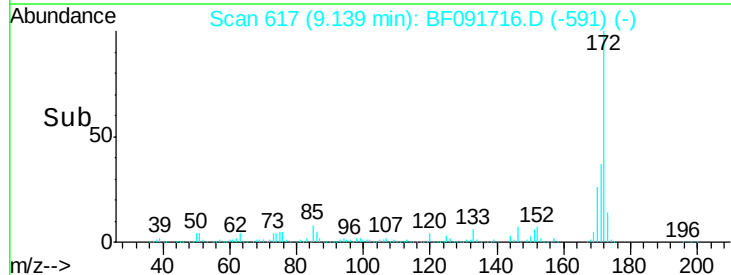


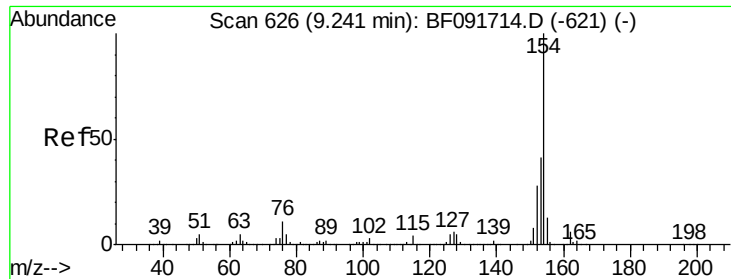
Abundance

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

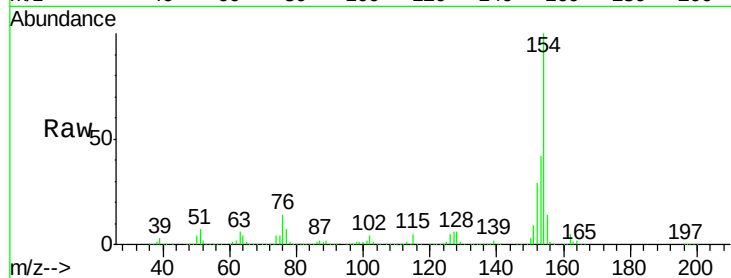




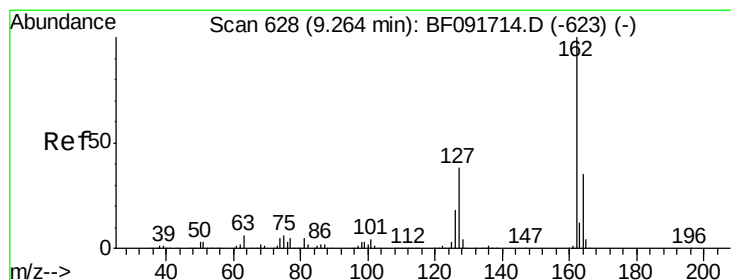
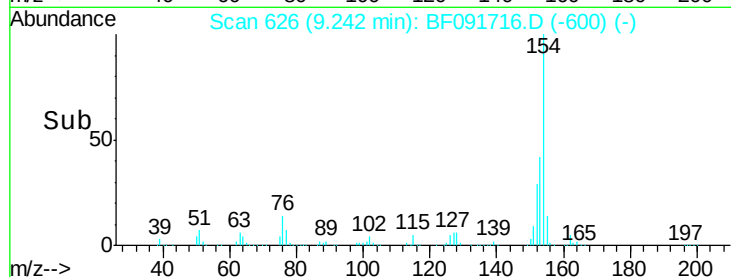
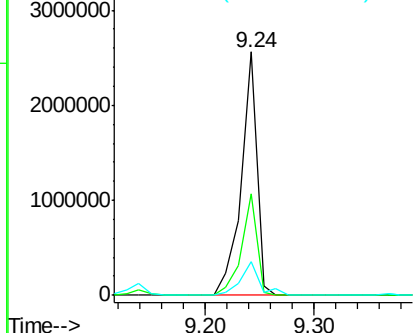
#45
 1,1'-Biphenyl
 Concen: 47.16 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:154 Resp: 2521525
 Ion Ratio Lower Upper
 154 100
 153 41.8 20.9 60.9
 76 13.9 0.0 30.5

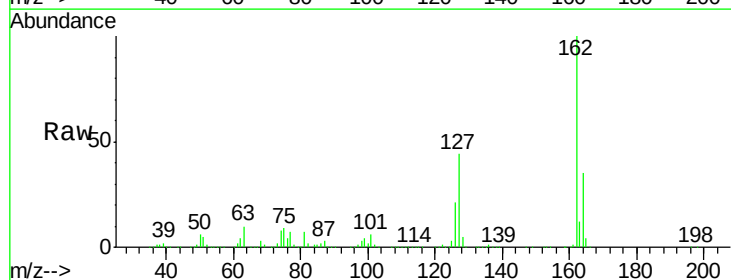


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

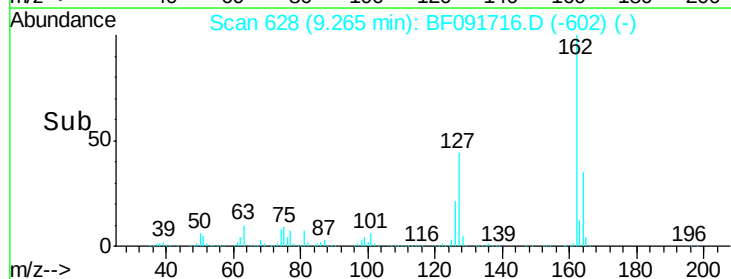
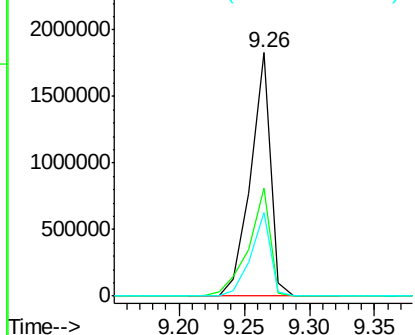


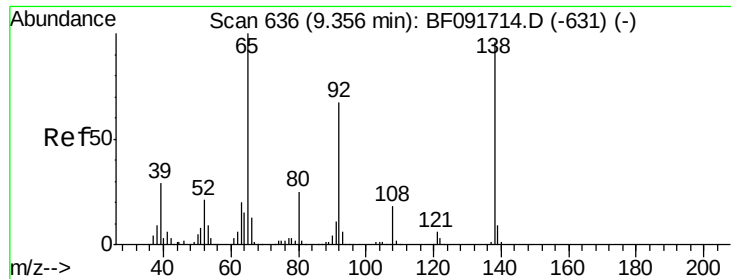
#46
 2-Chloronaphthalene
 Concen: 47.31 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion:162 Resp: 1943569
 Ion Ratio Lower Upper
 162 100
 127 44.4 30.7 46.1
 164 34.5 27.6 41.4



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

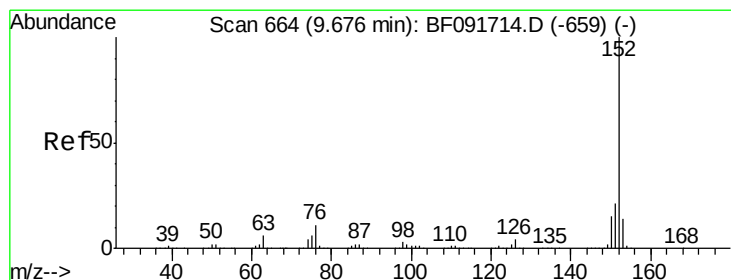
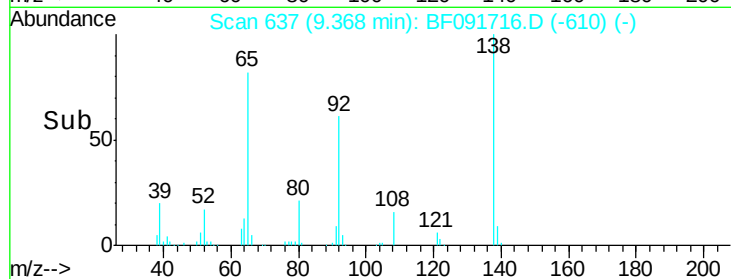
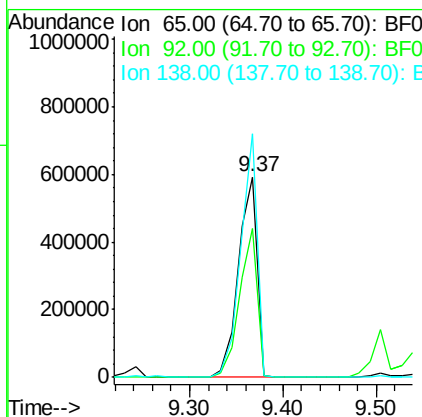
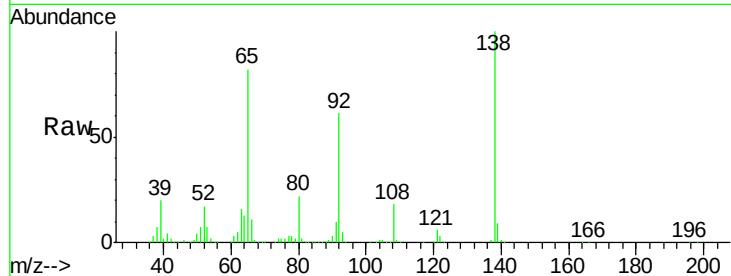




#47
2-Nitroaniline
Concen: 61.42 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

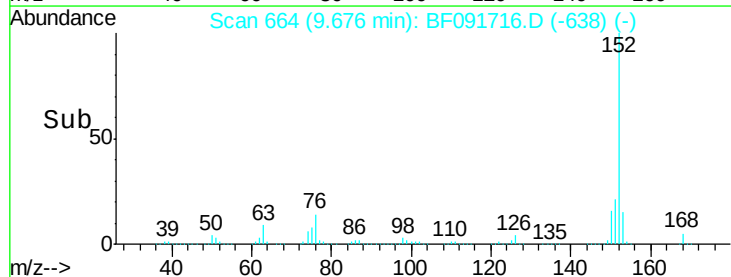
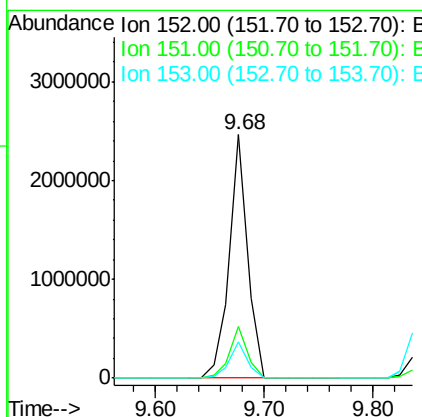
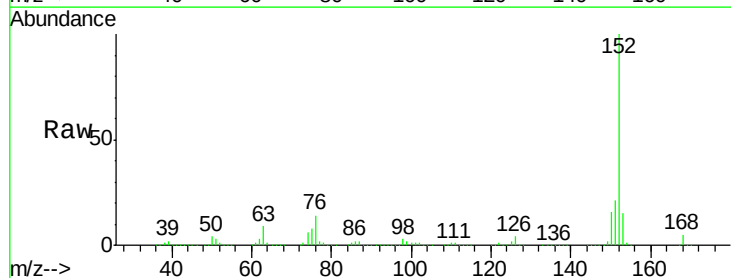
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

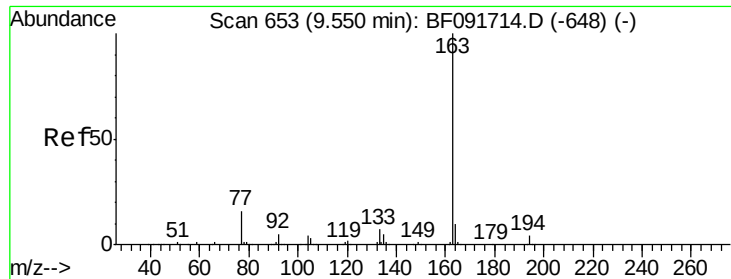
Tgt Ion: 65 Resp: 827273
Ion Ratio Lower Upper
65 100
92 74.2 53.9 80.9
138 121.3 76.8 115.2#



#48
Acenaphthylene
Concen: 45.98 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion: 152 Resp: 2856793
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.9 11.4 17.2





#49

Dimethylphthalate

Concen: 54.38 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

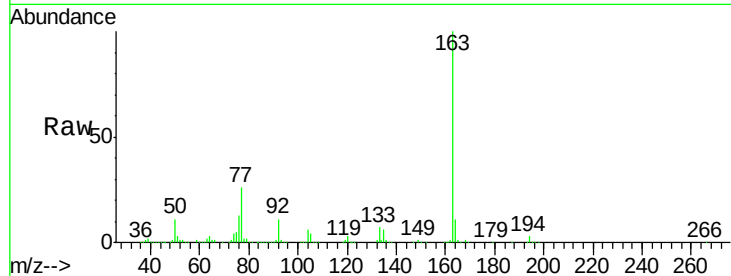
Tgt Ion:163 Resp: 2520308

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

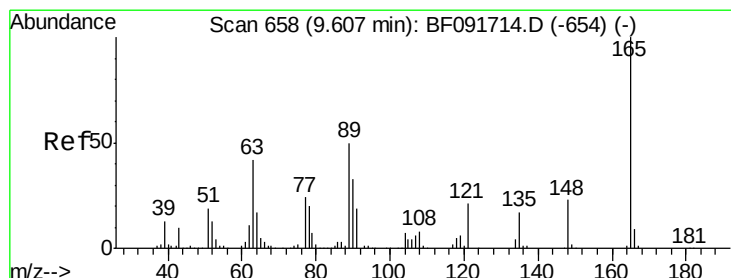
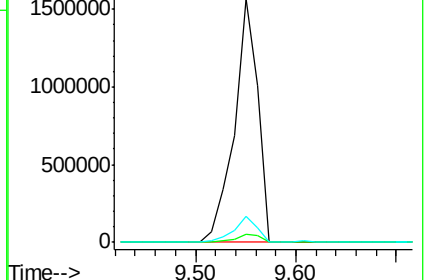
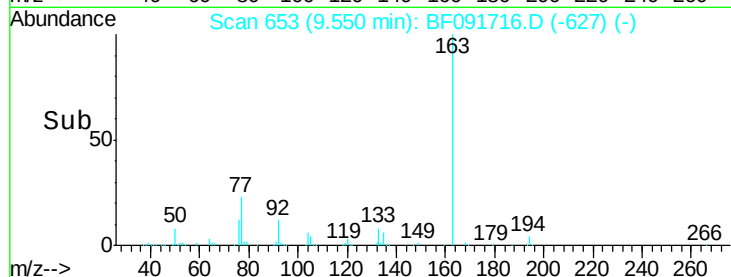
164 10.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.01 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

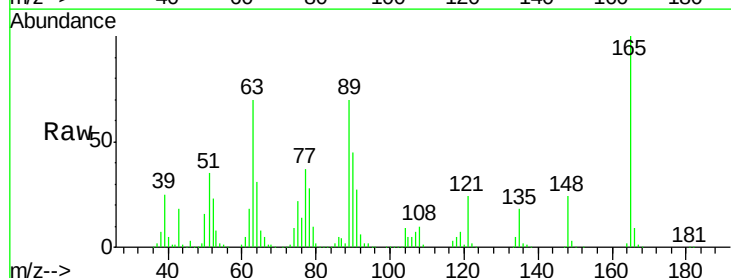
Tgt Ion:165 Resp: 500822

Ion Ratio Lower Upper

165 100

63 69.9 36.2 54.4#

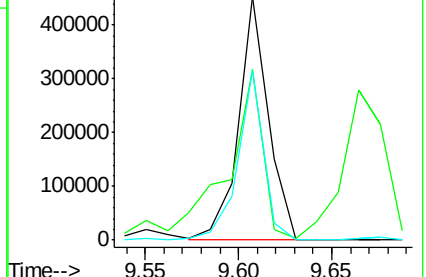
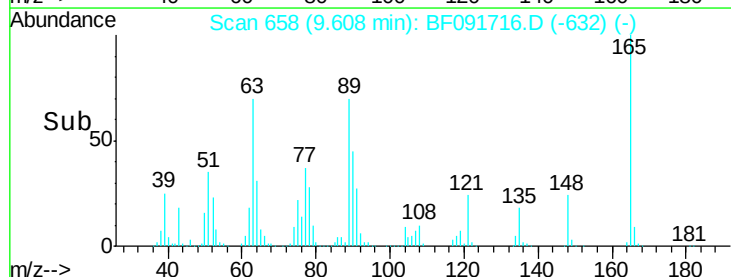
89 69.8 40.2 60.4#

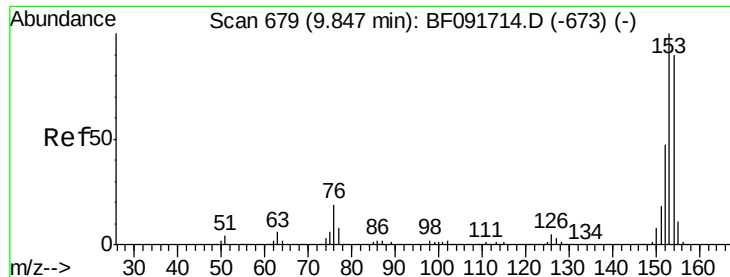


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

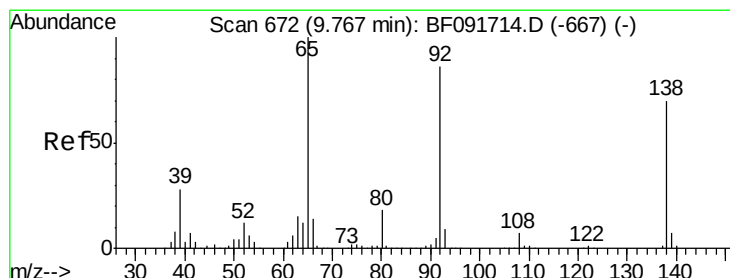
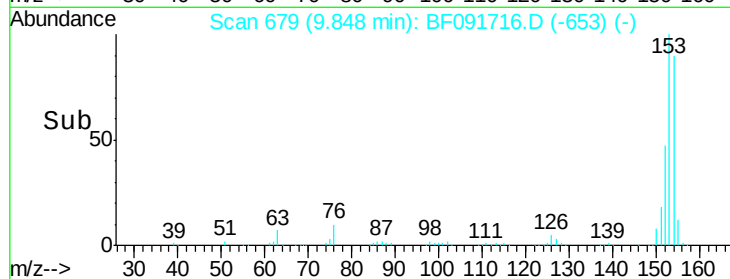
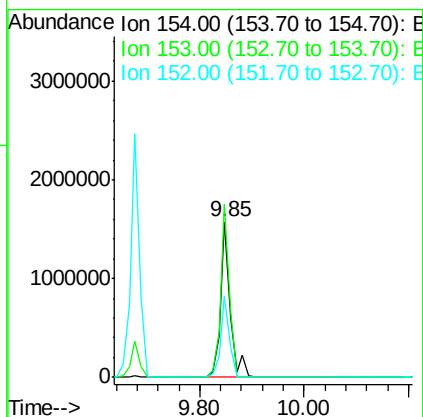
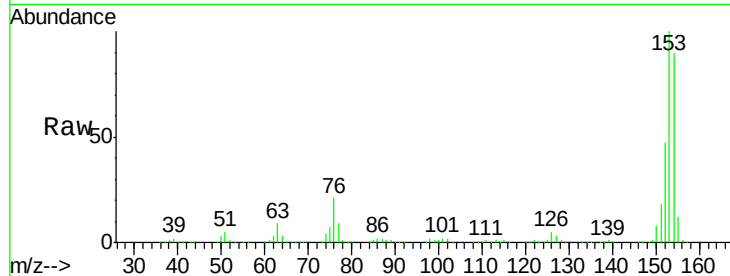




#51
Acenaphthene
Concen: 47.37 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

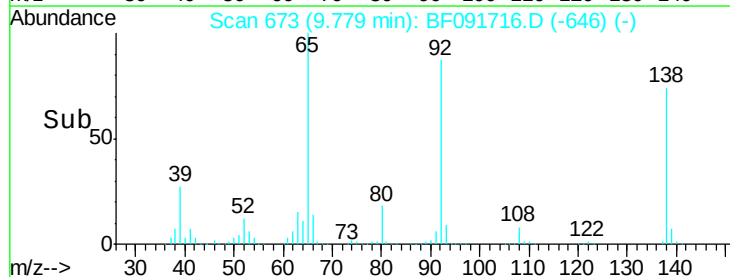
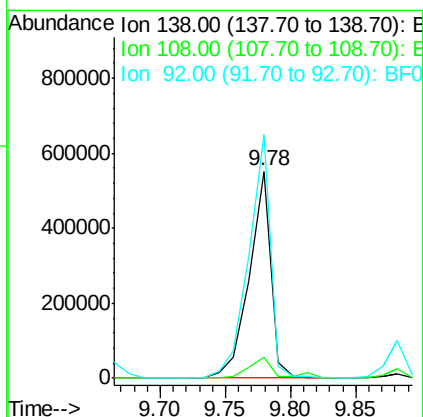
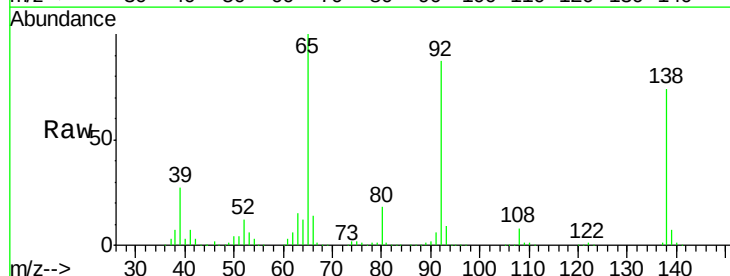
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

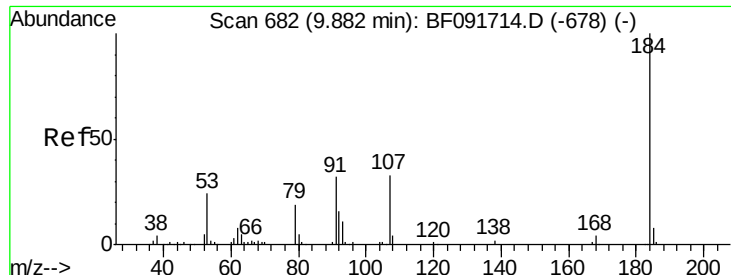
Tgt Ion:154 Resp: 2042362
Ion Ratio Lower Upper
154 100
153 111.7 88.6 133.0
152 52.1 41.6 62.4



#52
3-Nitroaniline
Concen: 53.59 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:138 Resp: 637265
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 117.9 97.8 146.8

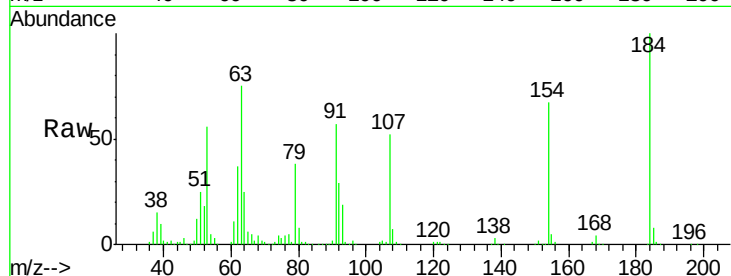




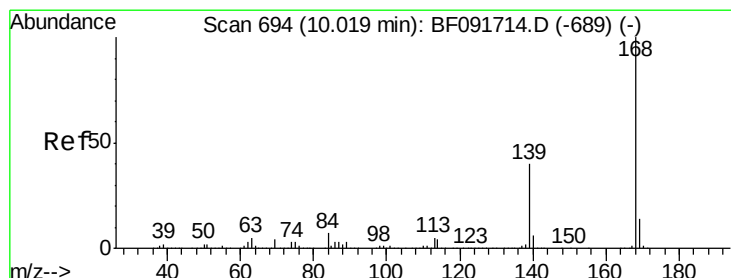
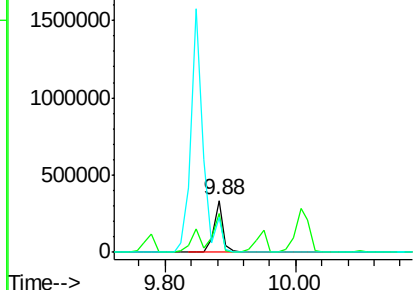
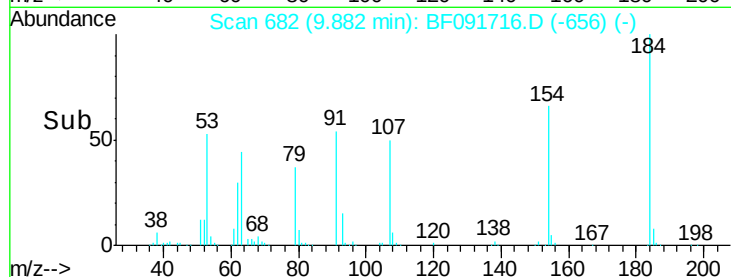
#53
2,4-Dinitrophenol
Concen: 84.09 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:184 Resp: 339176
Ion Ratio Lower Upper
184 100
63 75.0 28.4 42.6#
154 66.5 44.3 66.5#

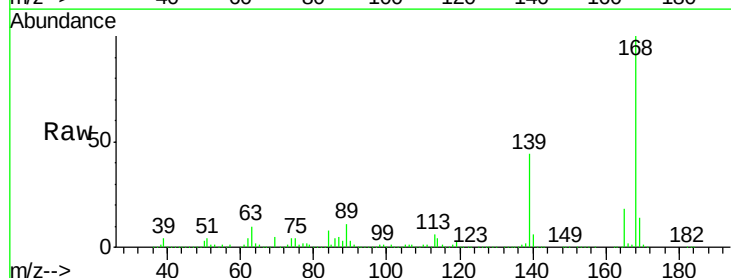


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

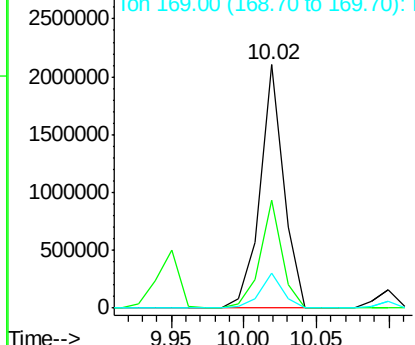
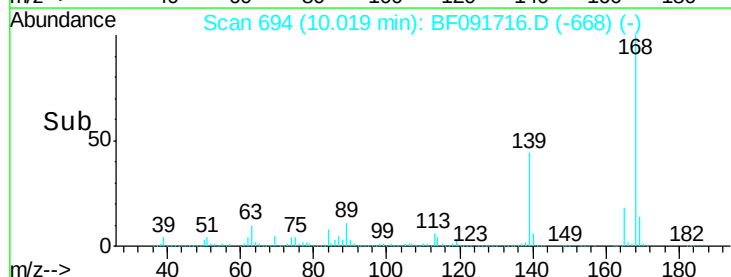


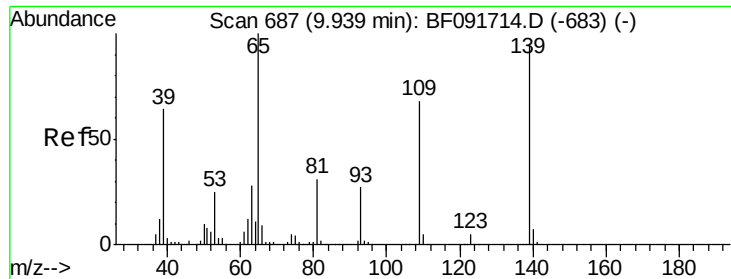
#54
Dibenzofuran
Concen: 44.53 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:168 Resp: 2379854
Ion Ratio Lower Upper
168 100
139 44.2 32.6 49.0
169 14.4 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: 63.91 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

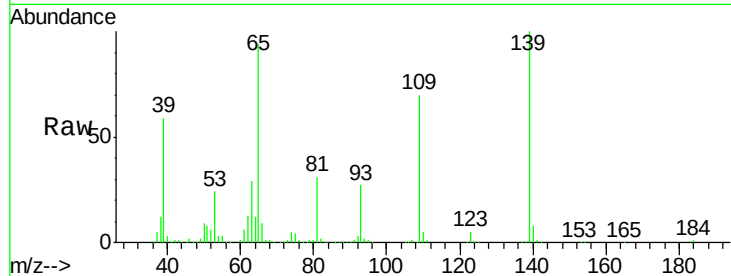
Tgt Ion:139 Resp: 550965

Ion Ratio Lower Upper

139 100

109 70.4 52.2 92.2

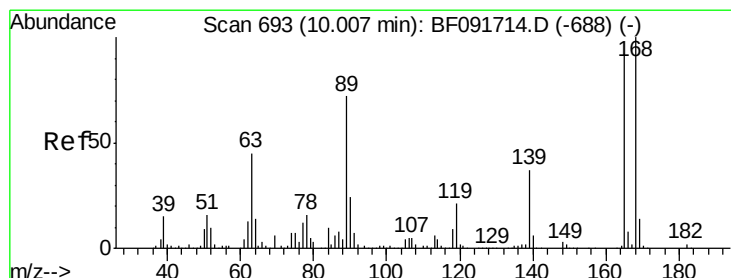
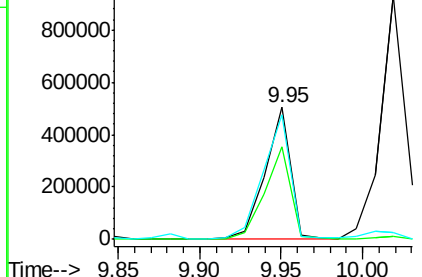
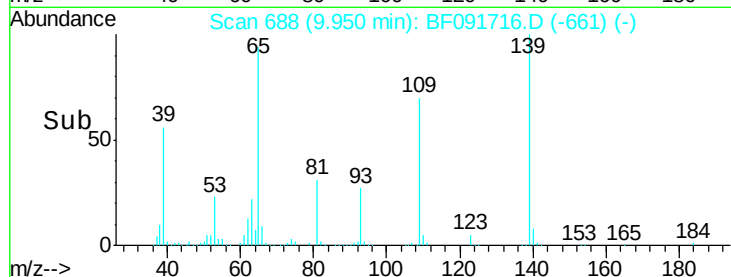
65 94.3 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 56.10 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Tgt Ion:165 Resp: 711019

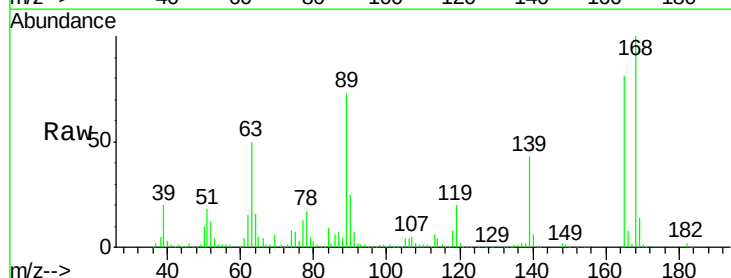
Ion Ratio Lower Upper

165 100

63 62.2 40.2 60.4#

89 90.9 62.5 93.7

182 2.2 1.8 2.8

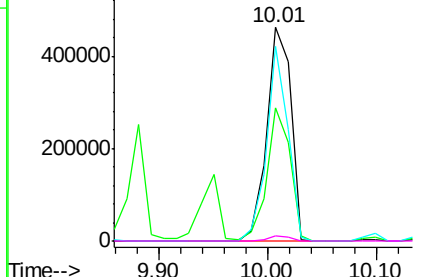
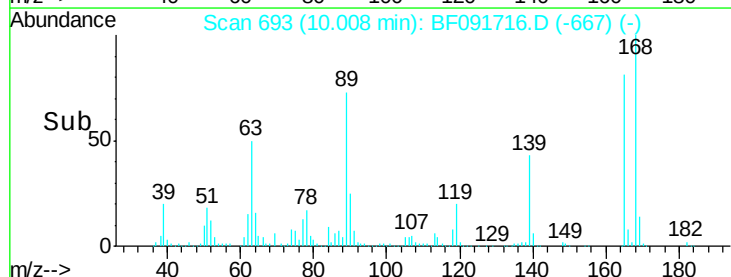


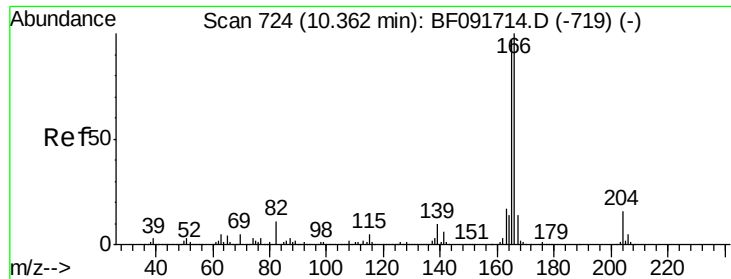
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

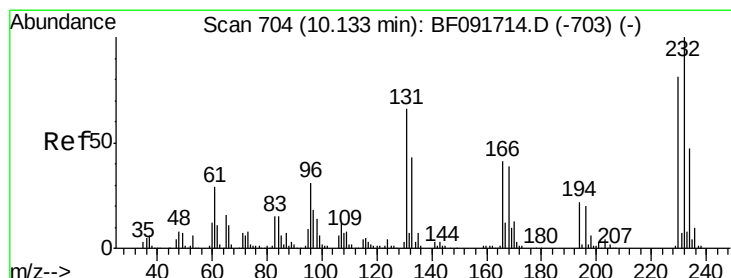
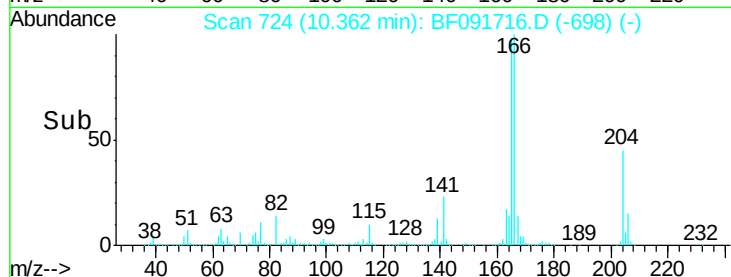
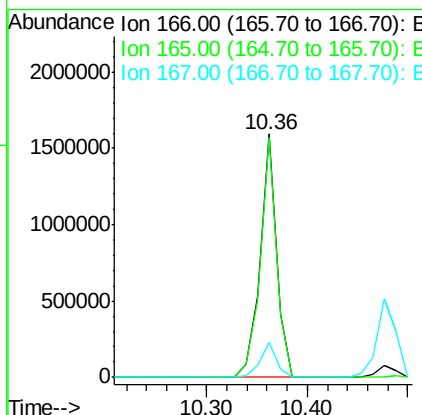
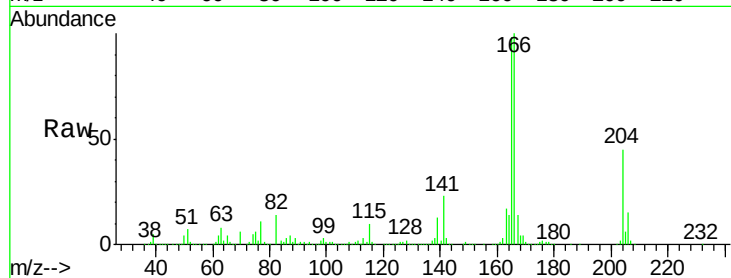




#57
 Fluorene
 Concen: 43.30 ng
 RT: 10.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

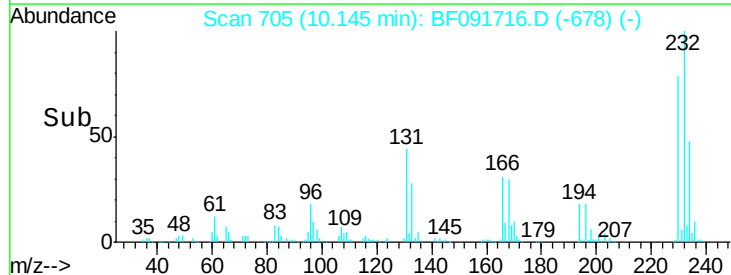
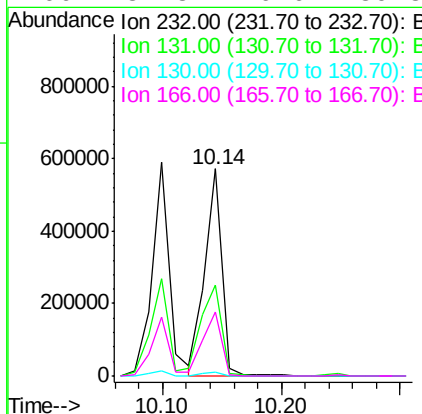
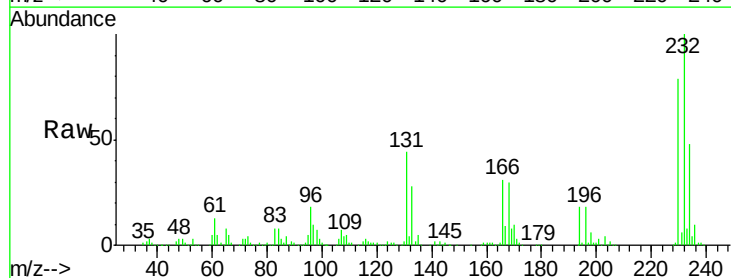
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

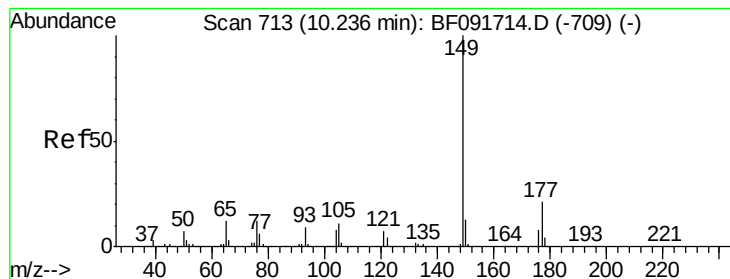
Tgt Ion:166 Resp: 1811744
 Ion Ratio Lower Upper
 166 100
 165 98.3 77.8 116.8
 167 14.2 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.42 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion:232 Resp: 576362
 Ion Ratio Lower Upper
 232 100
 131 53.5 40.1 60.1
 130 2.3 1.8 2.8
 166 34.8 26.6 39.8





#59

Diethylphthalate

Concen: 53.70 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

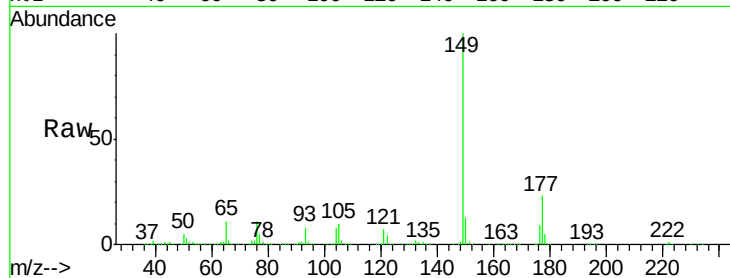
Tgt Ion:149 Resp: 2377834

Ion Ratio Lower Upper

149 100

177 22.8 16.6 25.0

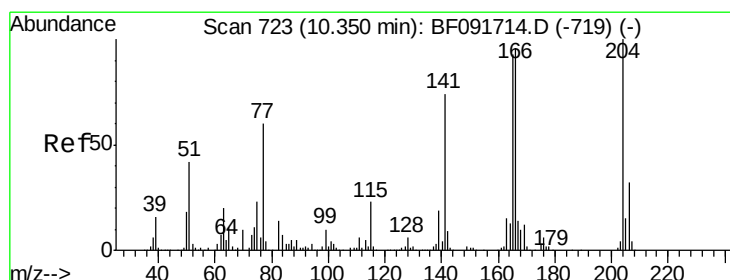
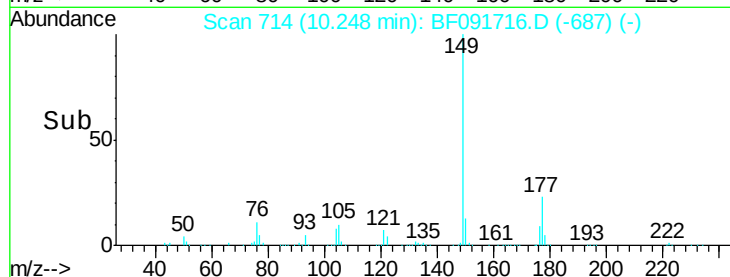
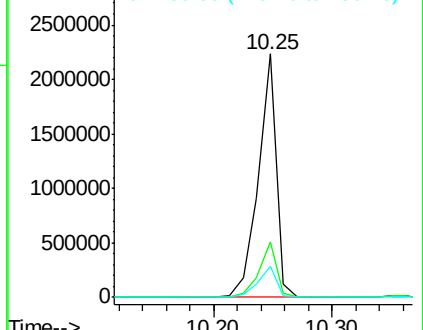
150 13.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.00 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

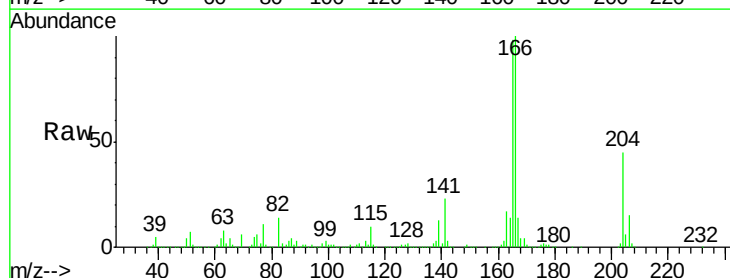
Tgt Ion:204 Resp: 943160

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.6

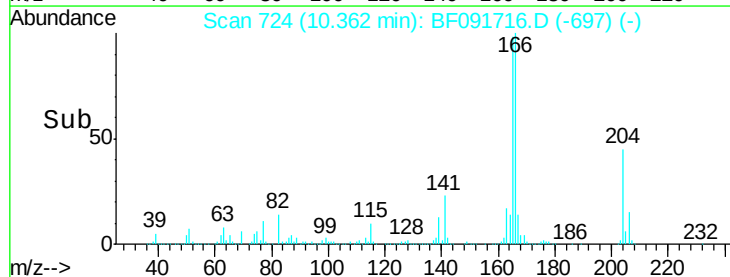
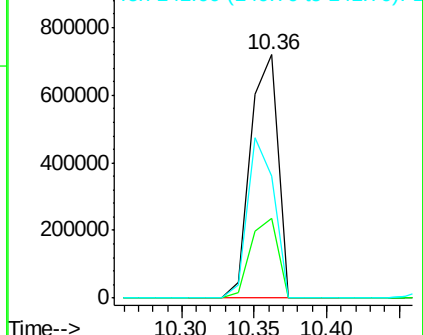
141 49.9 59.4 89.0#

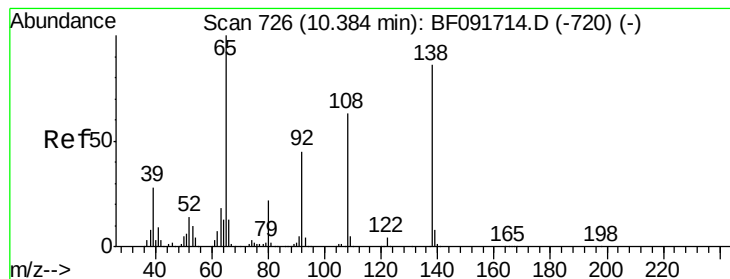


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 55.46 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

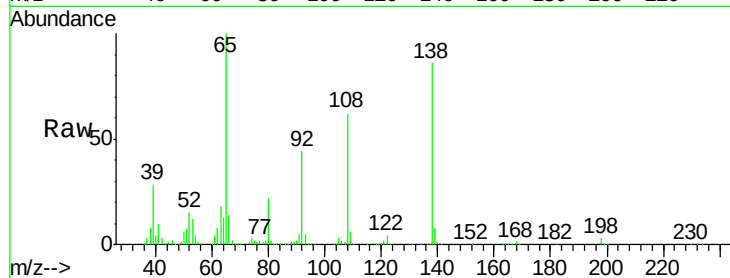
Tgt Ion:138 Resp: 660848

Ion Ratio Lower Upper

138 100

92 50.5 31.7 71.7

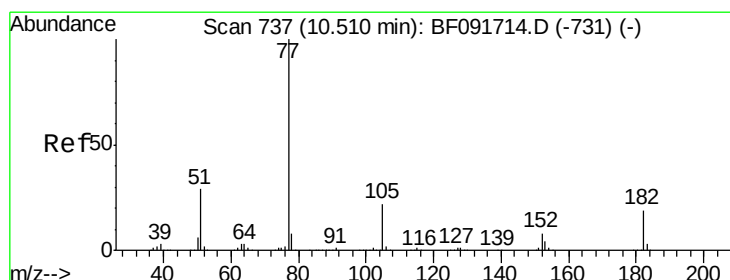
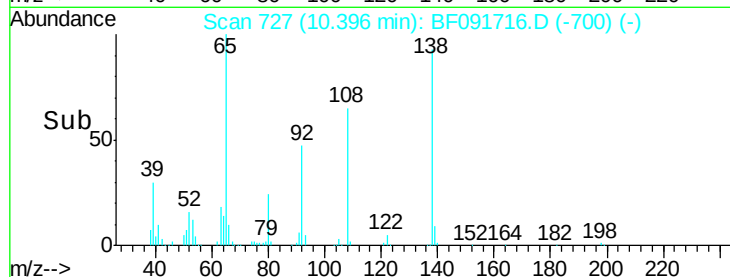
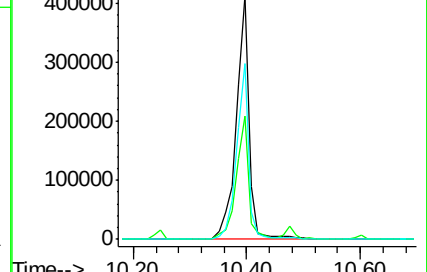
108 72.3 52.6 92.6



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: 55.86 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Tgt Ion: 77 Resp: 2764169

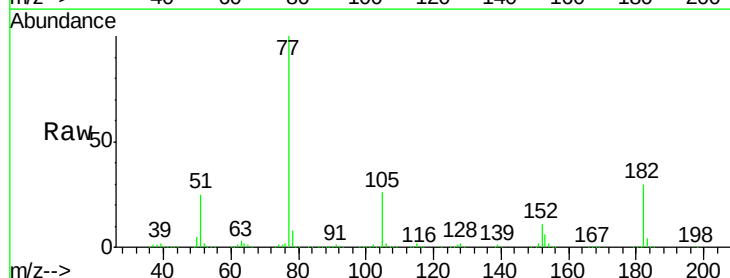
Ion Ratio Lower Upper

77 100

182 30.5 0.0 39.3

105 25.8 2.3 42.3

51 25.2 8.9 48.9

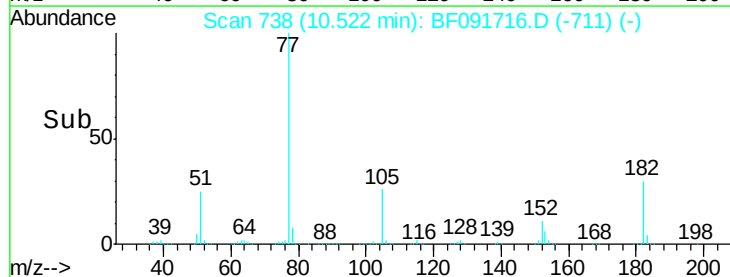
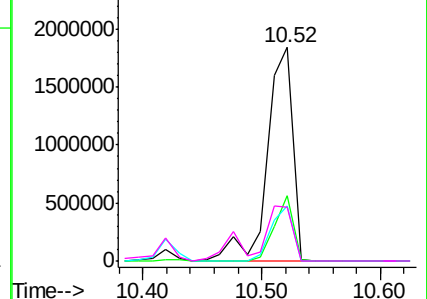


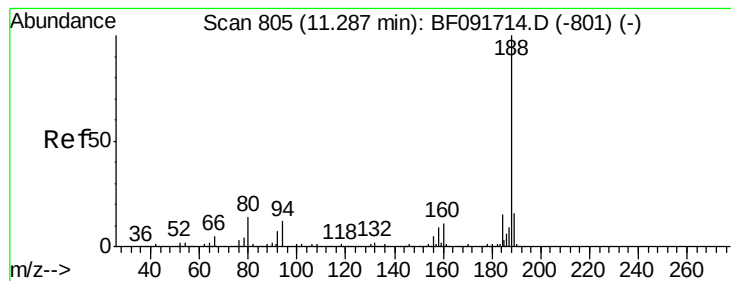
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

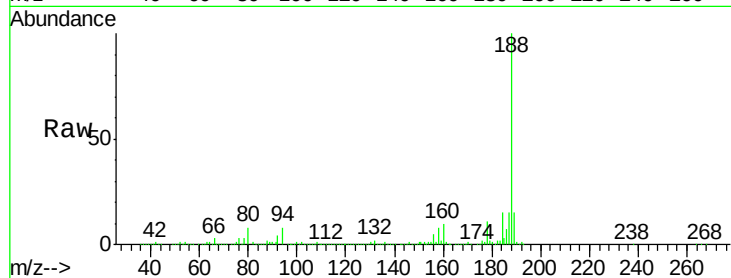
Tgt Ion:188 Resp: 1195685

Ion Ratio Lower Upper

188 100

94 7.9 10.0 15.0#

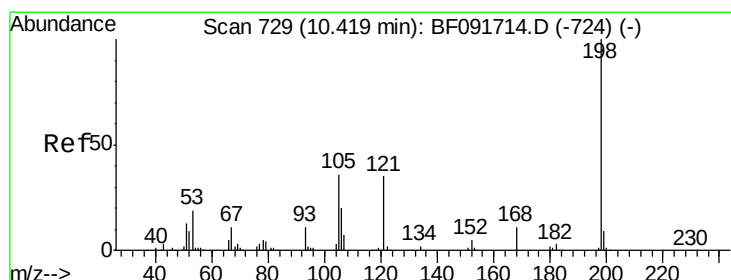
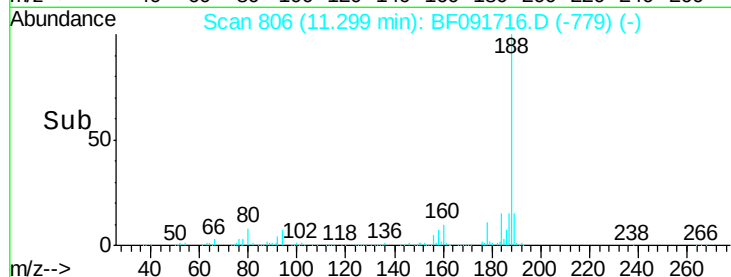
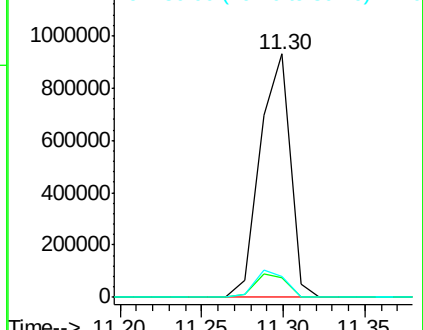
80 8.4 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 71.35 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

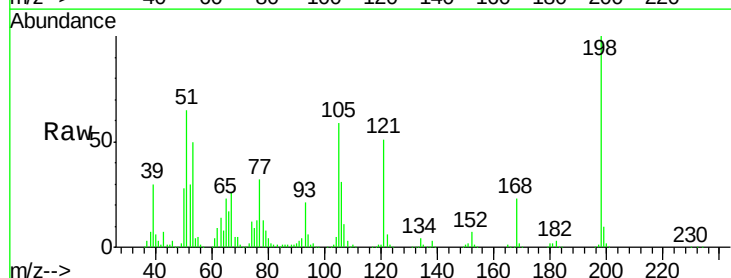
Tgt Ion:198 Resp: 456069

Ion Ratio Lower Upper

198 100

51 64.9 6.7 46.7#

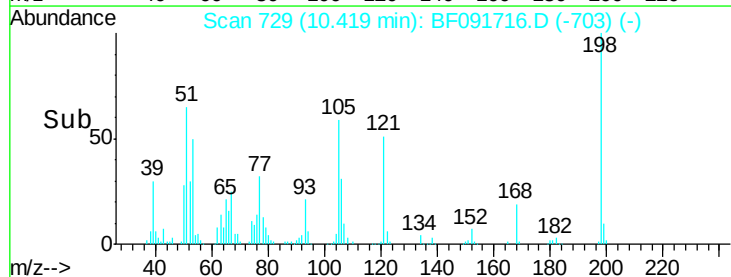
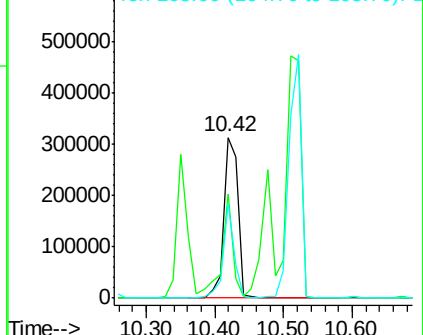
105 59.1 16.6 56.6#

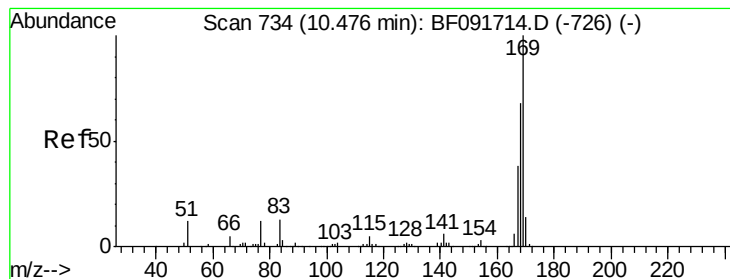


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.86 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

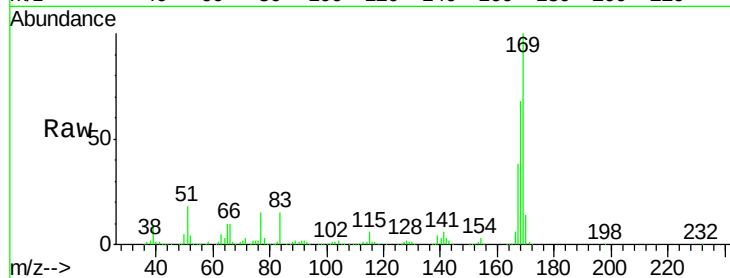
Tgt Ion:169 Resp: 1821014

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.2

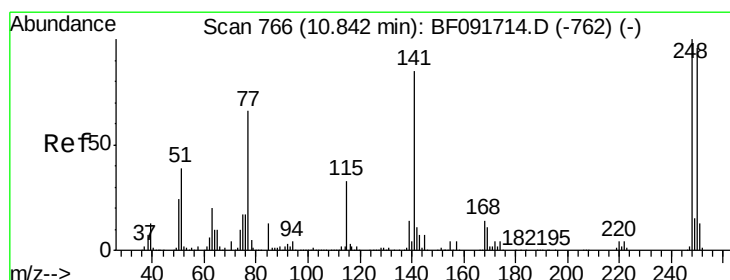
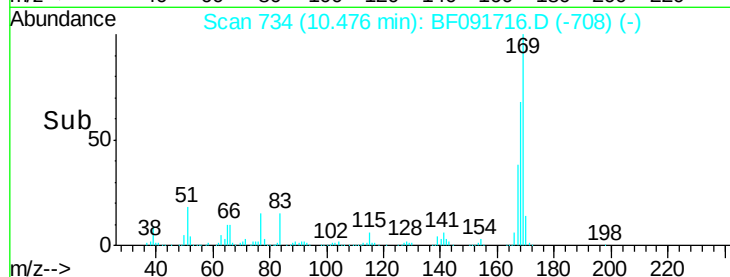
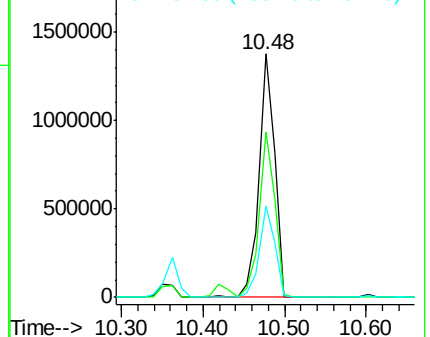
167 37.6 30.2 45.4



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: 50.40 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

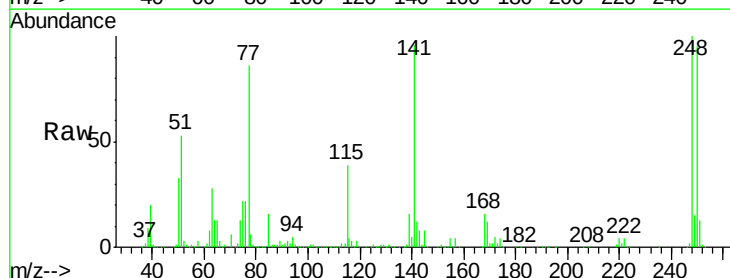
Tgt Ion:248 Resp: 622006

Ion Ratio Lower Upper

248 100

250 95.1 76.9 115.3

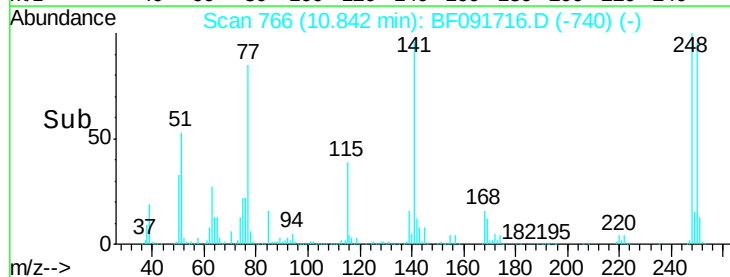
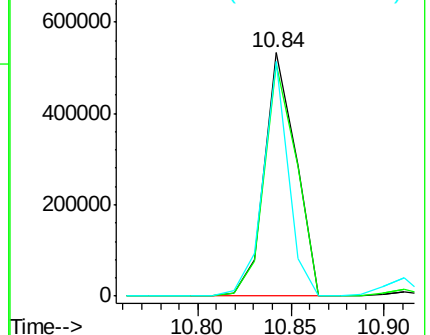
141 96.2 68.2 102.4

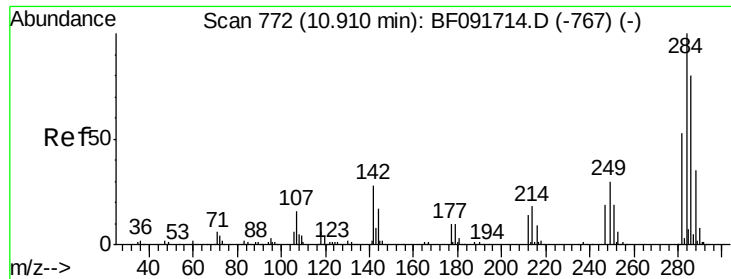


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.30 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

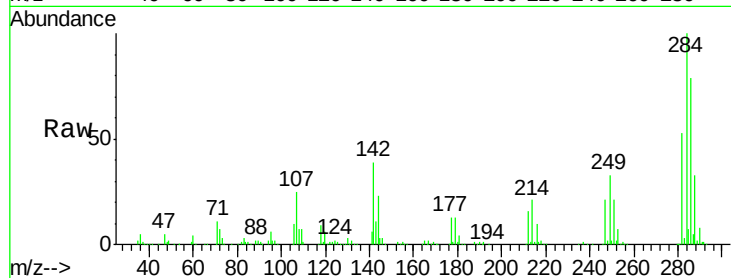
Tgt Ion:284 Resp: 646527

Ion Ratio Lower Upper

284 100

142 38.9 22.6 33.8#

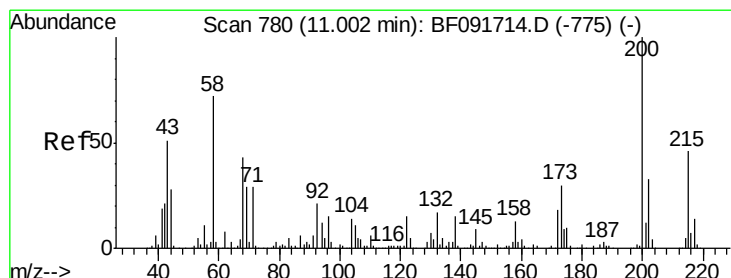
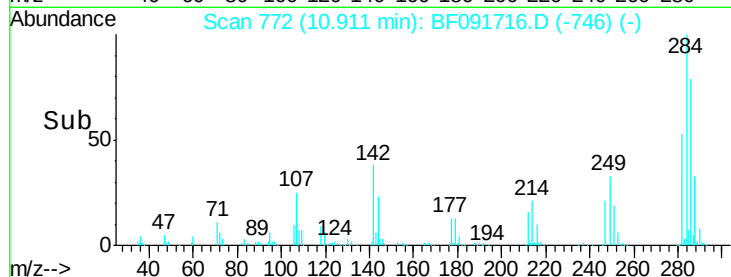
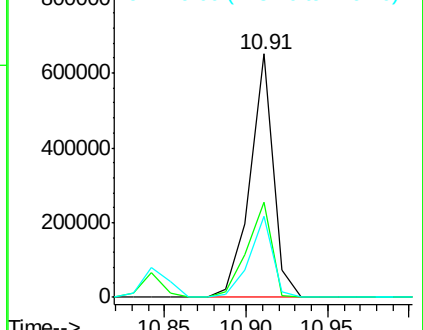
249 33.4 25.4 38.0



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: 52.57 ng

RT: 11.01 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

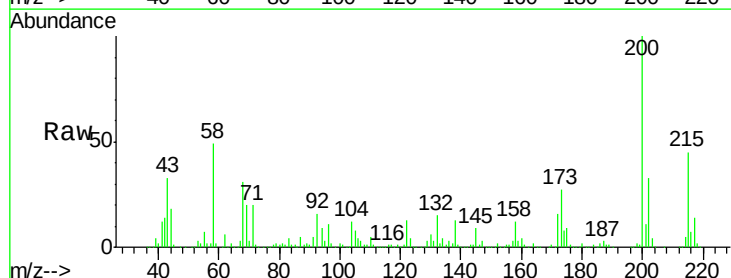
Tgt Ion:200 Resp: 604738

Ion Ratio Lower Upper

200 100

173 27.2 9.6 49.6

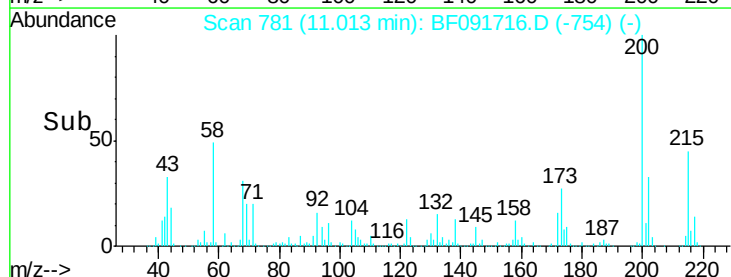
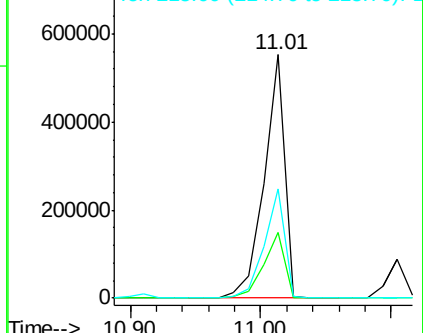
215 44.7 25.7 65.7

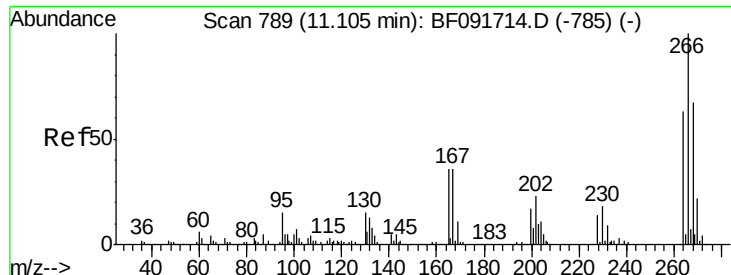


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

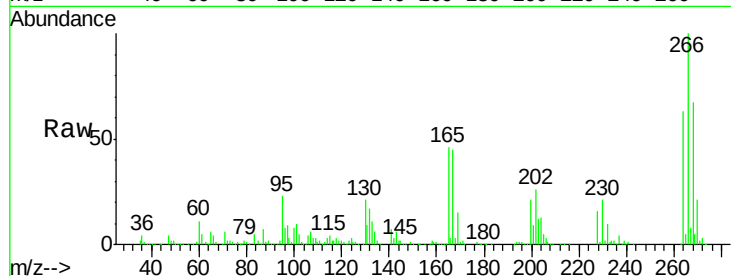




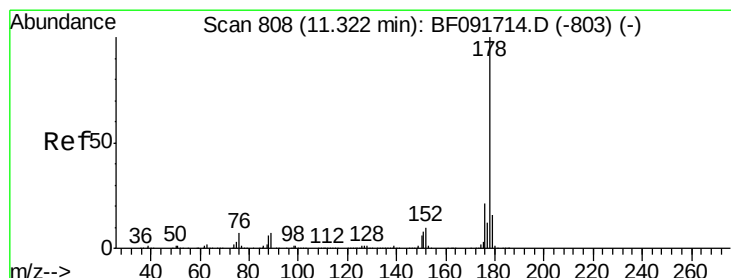
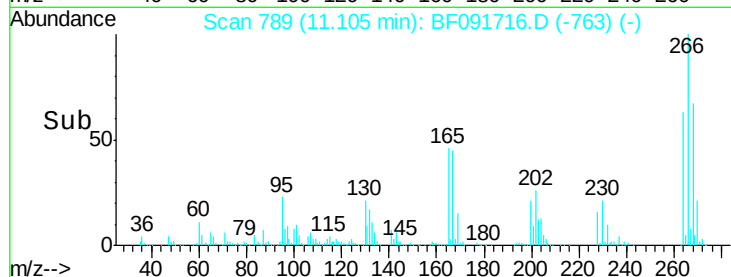
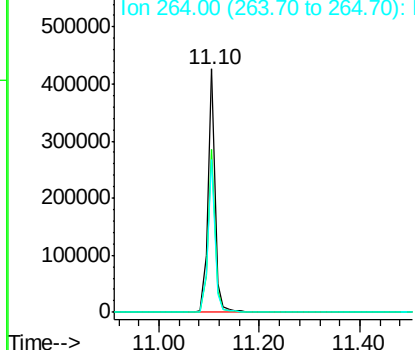
#69
 Pentachlorophenol
 Concen: 56.87 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:266 Resp: 420395
 Ion Ratio Lower Upper
 266 100
 268 66.9 53.3 79.9
 264 63.0 50.3 75.5

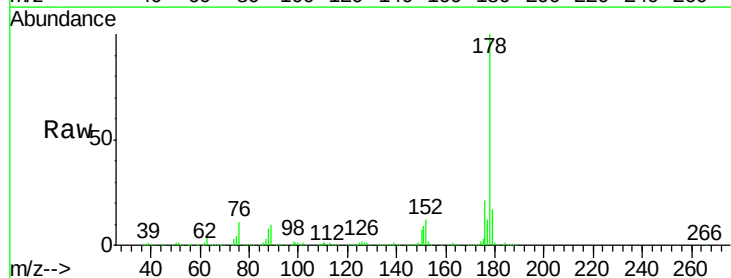


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

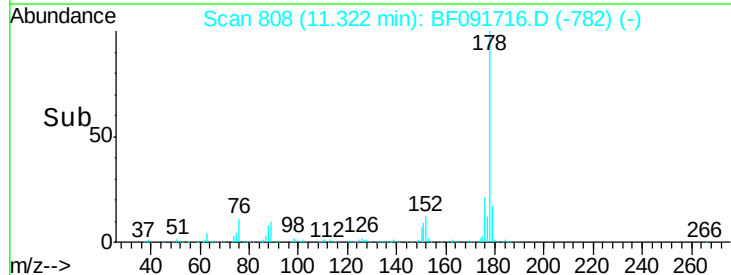
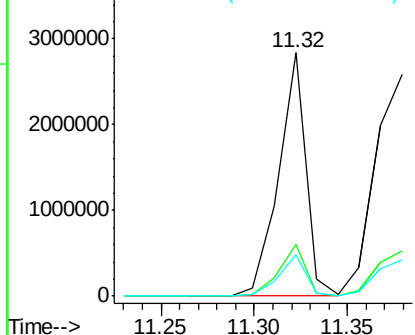


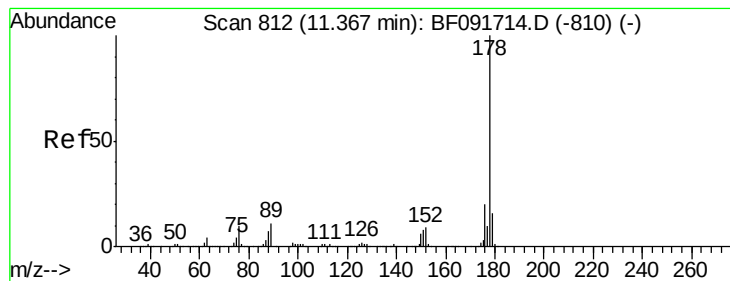
#70
 Phenanthrene
 Concen: 47.45 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion:178 Resp: 2902864
 Ion Ratio Lower Upper
 178 100
 176 21.2 16.6 25.0
 179 16.8 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: 53.63 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

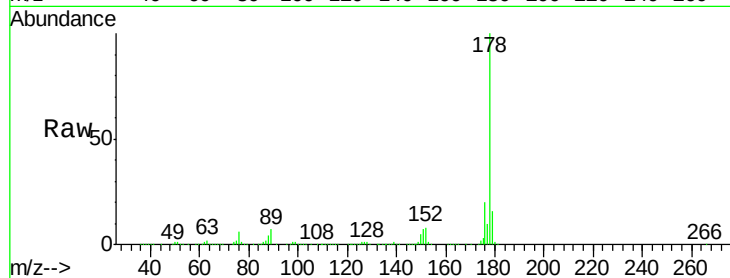
Tgt Ion:178 Resp: 3396655

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

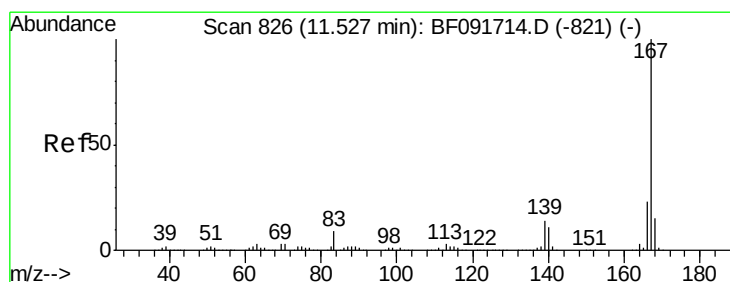
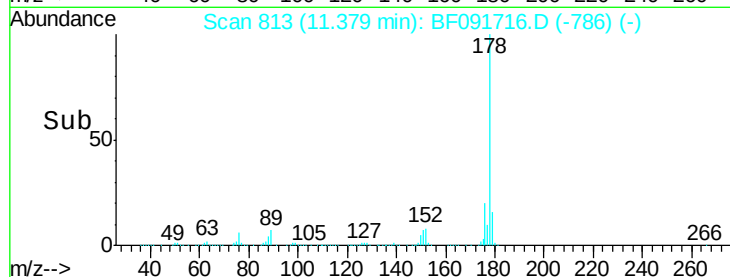
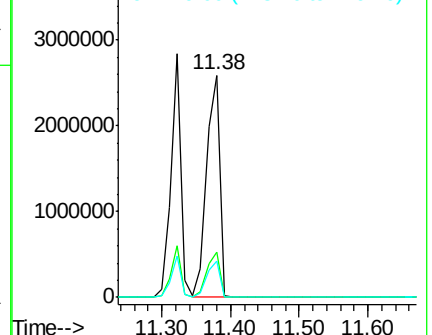
179 16.2 13.2 19.8



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: 46.23 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

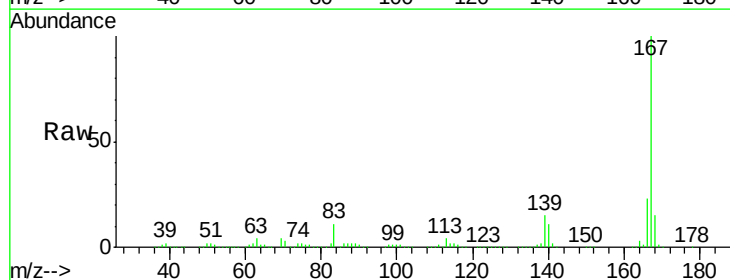
Tgt Ion:167 Resp: 2649321

Ion Ratio Lower Upper

167 100

166 23.1 18.2 27.2

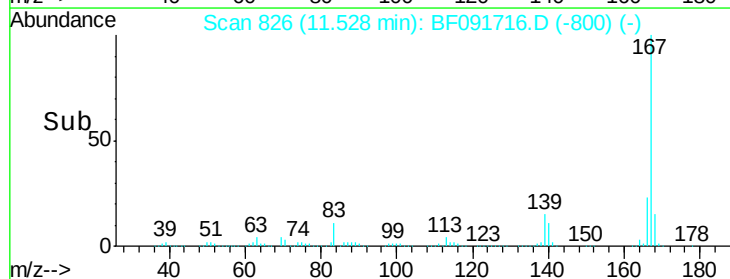
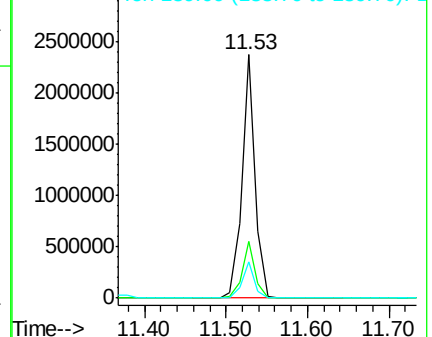
139 14.8 11.4 17.2

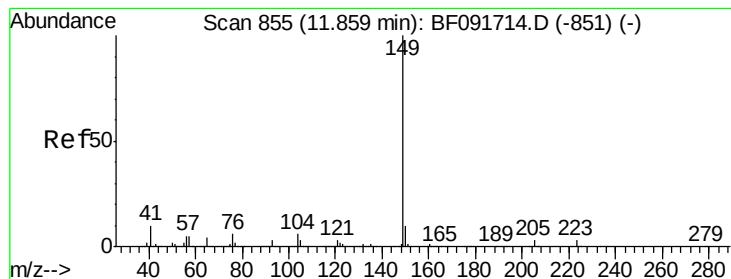


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 58.18 ng

RT: 11.87 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

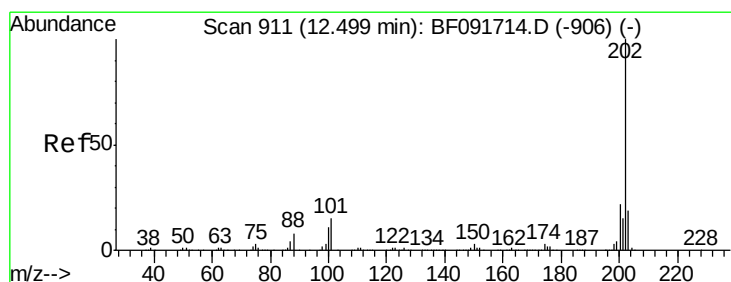
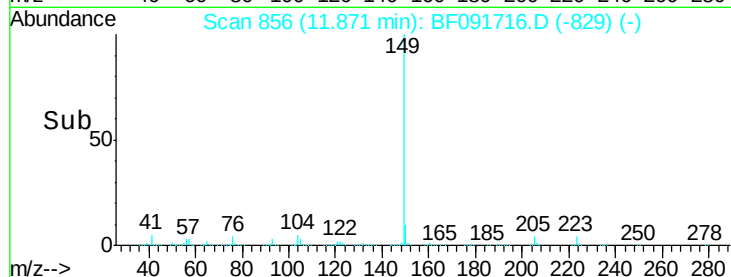
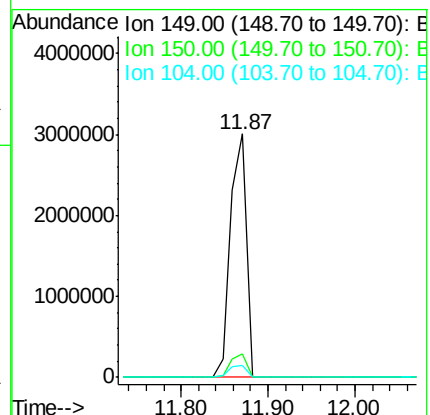
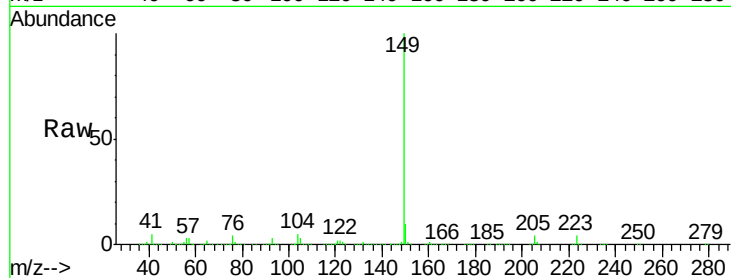
Tgt Ion:149 Resp: 3826267

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 4.7 4.6 7.0



#74

Fluoranthene

Concen: 55.26 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

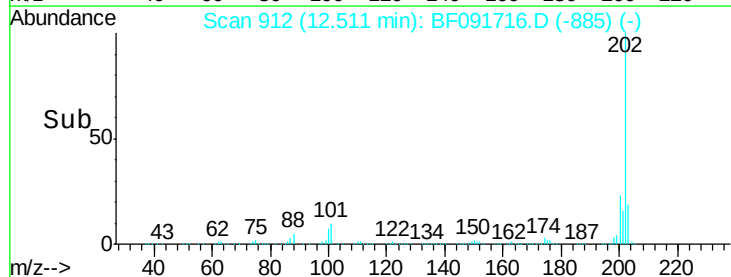
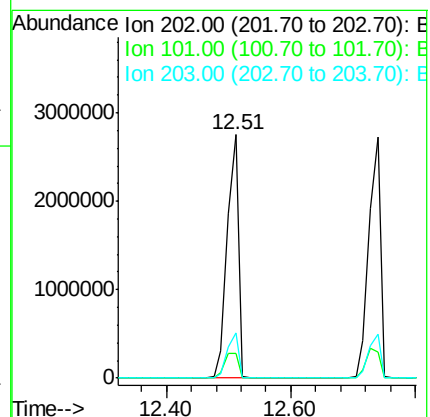
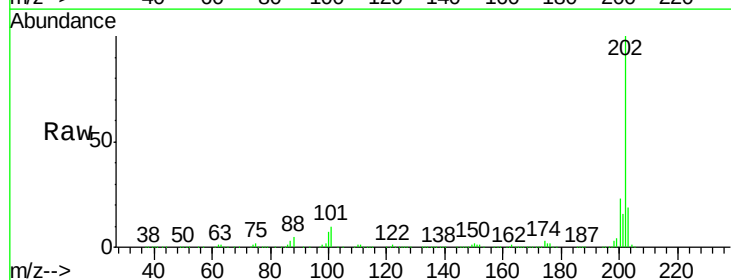
Tgt Ion:202 Resp: 3423268

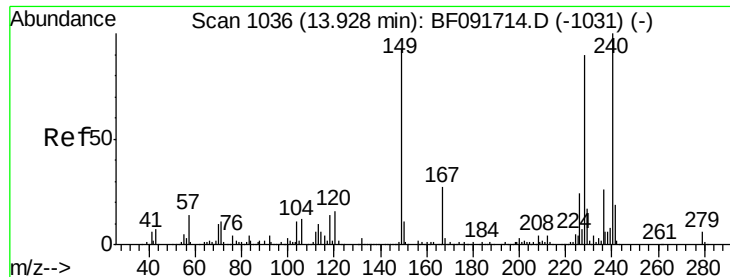
Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.6

203 18.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

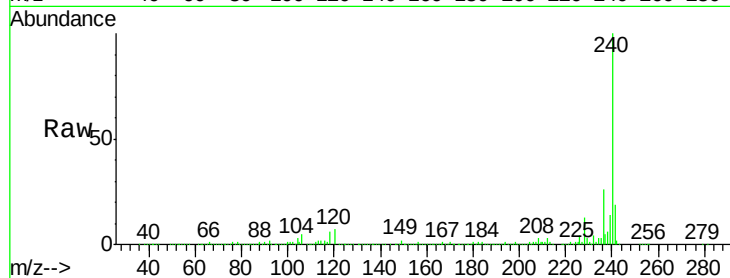
Tgt Ion:240 Resp: 786438

Ion Ratio Lower Upper

240 100

120 7.1 12.9 19.3#

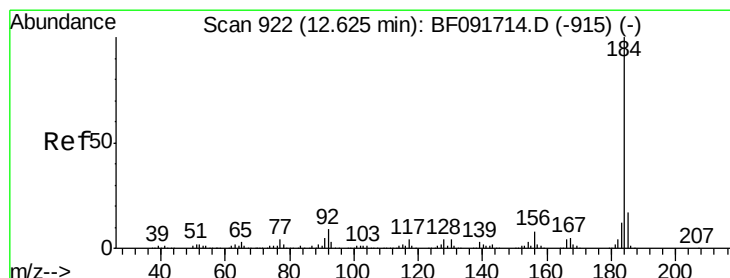
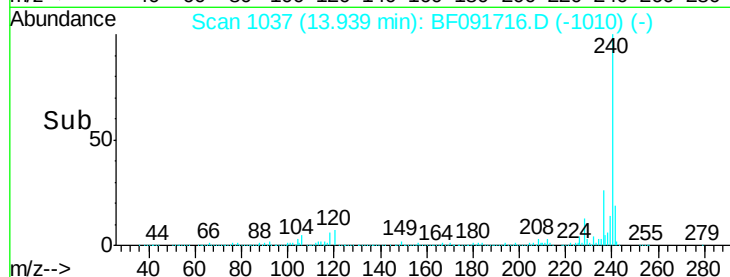
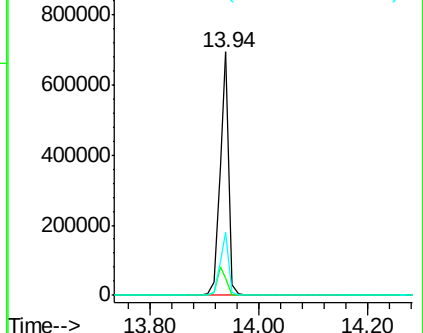
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.63 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

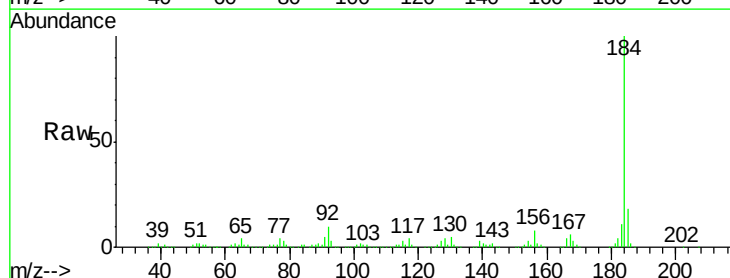
Tgt Ion:184 Resp: 1110902

Ion Ratio Lower Upper

184 100

185 17.8 13.4 20.0

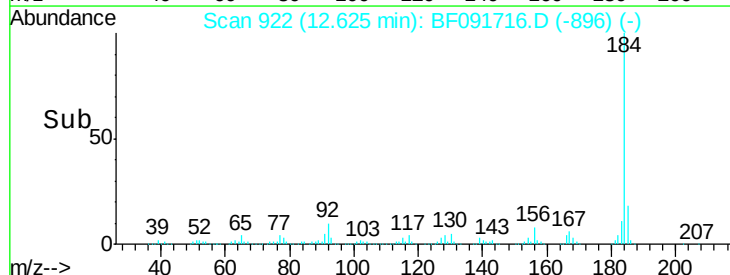
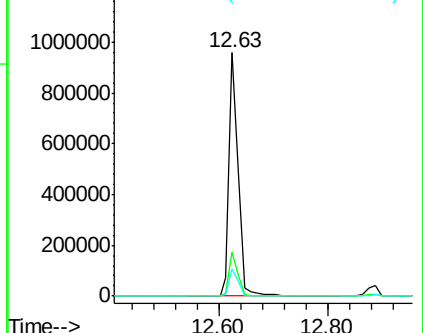
183 11.3 9.2 13.8

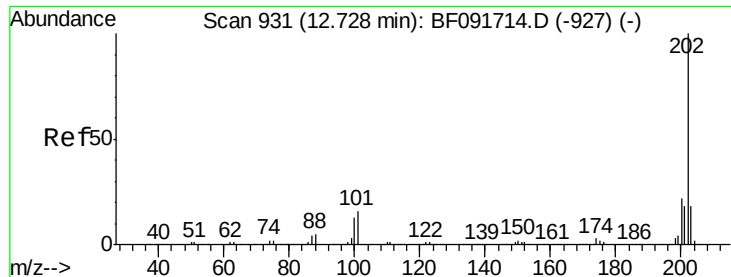


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



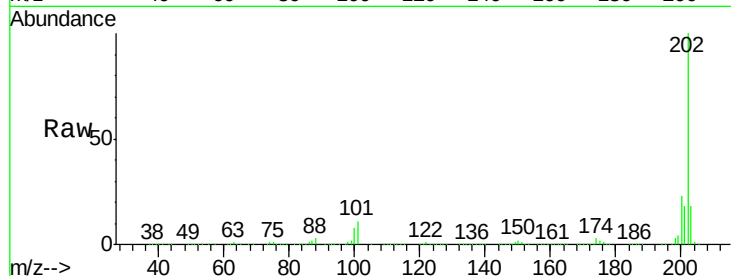


#77
Pyrene
 Concen: 57.02 ng
 RT: 12.74 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

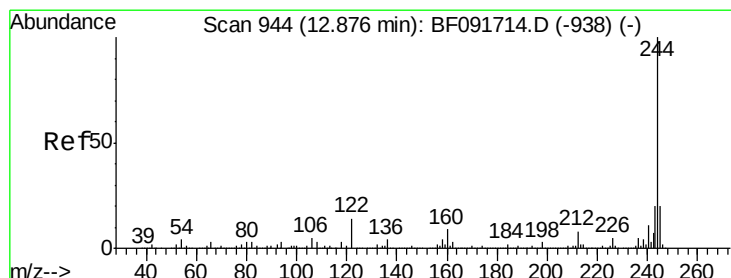
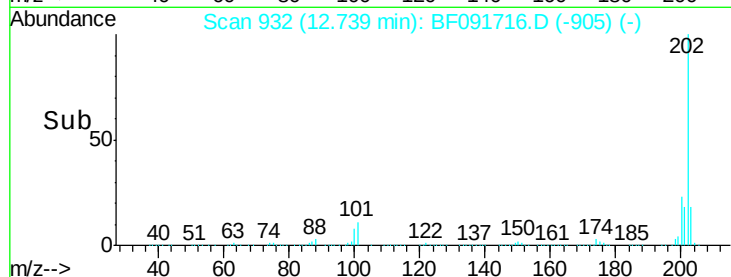
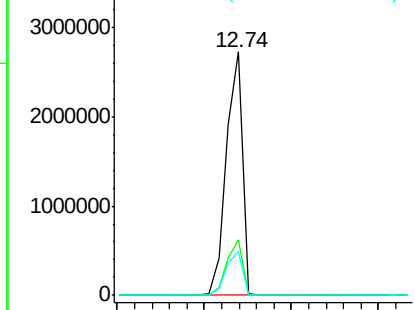
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 202 Resp: 3509957

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.7	26.5
203	18.1	14.7	22.1



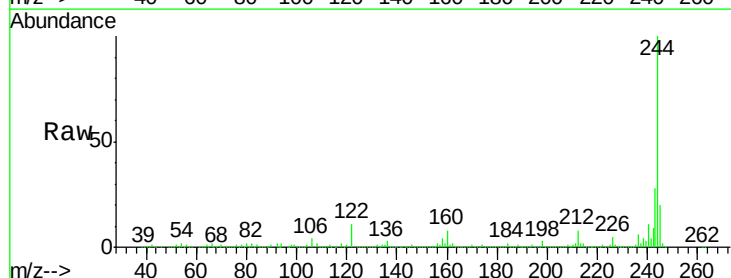
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



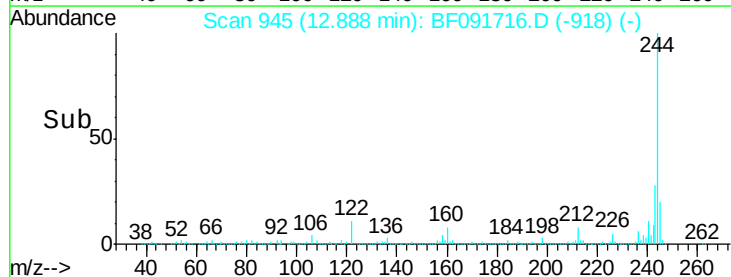
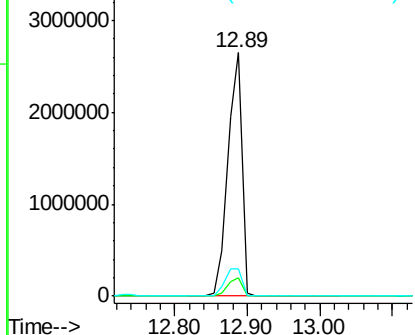
#78
Terphenyl-d14
 Concen: 103.49 ng
 RT: 12.89 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

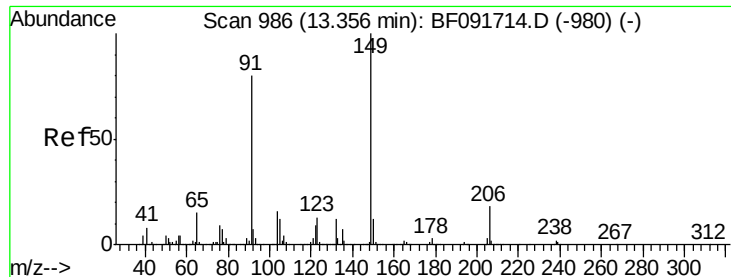
Tgt Ion: 244 Resp: 3564971

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.5	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

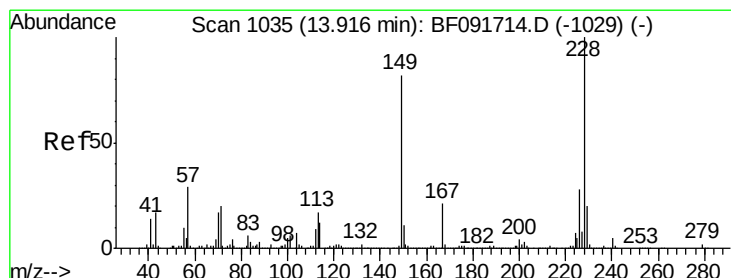
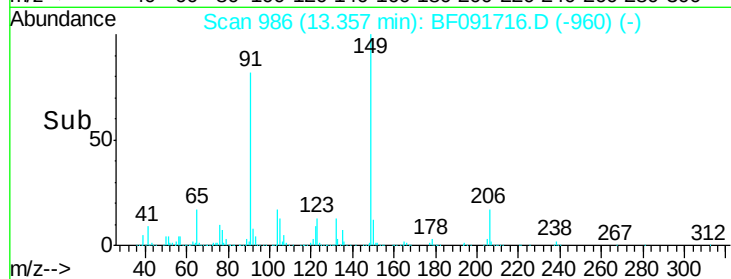
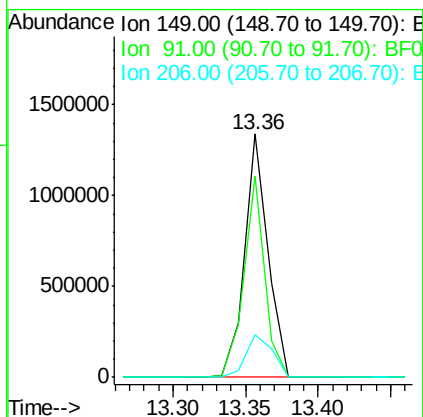
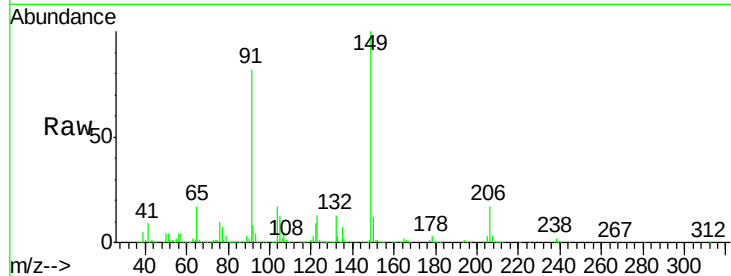




#79
Butylbenzylphthalate
Concen: 59.85 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

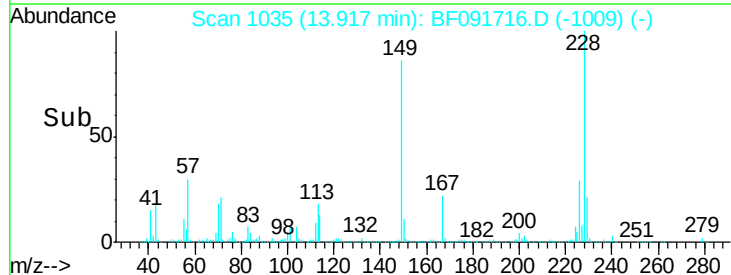
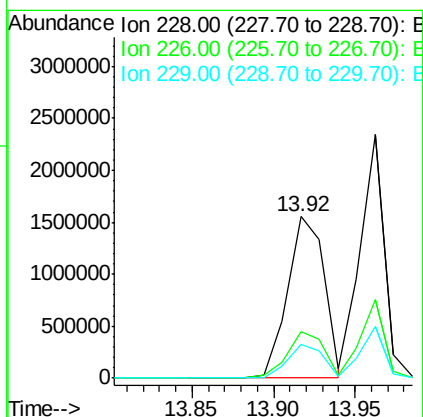
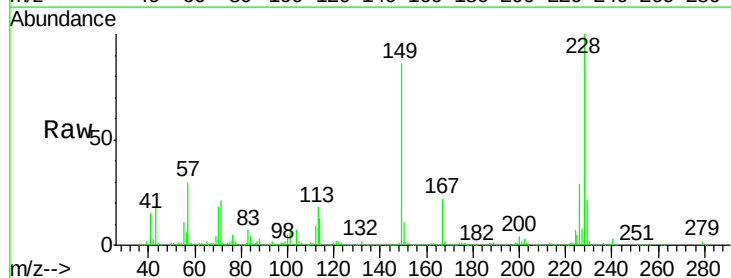
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

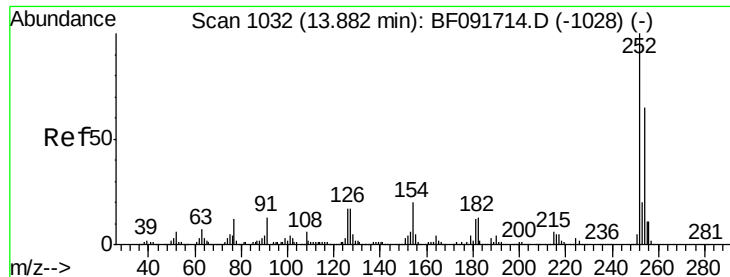
Tgt Ion:149 Resp: 1485464
Ion Ratio Lower Upper
149 100
91 82.5 63.9 95.9
206 17.4 14.6 21.8



#80
Benzo(a)anthracene
Concen: 52.81 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:228 Resp: 2433890
Ion Ratio Lower Upper
228 100
226 29.0 22.4 33.6
229 20.9 16.2 24.4

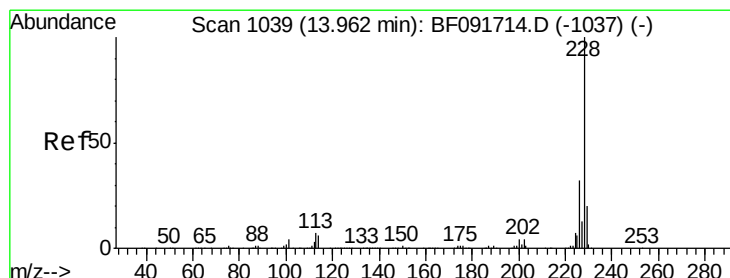
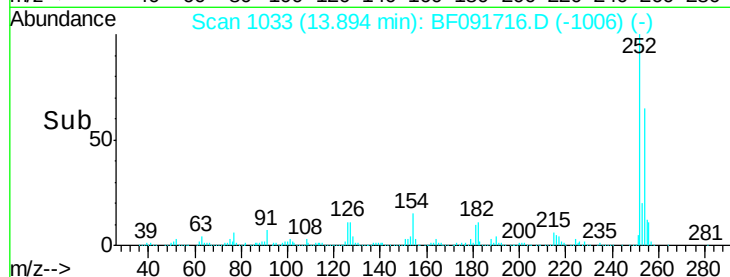
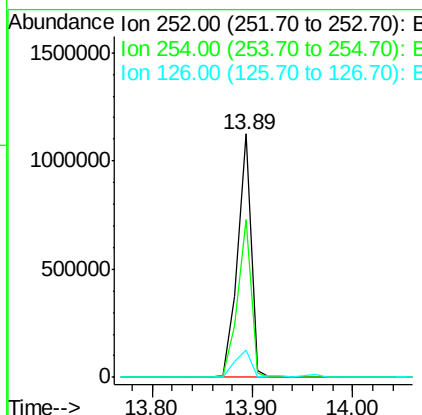
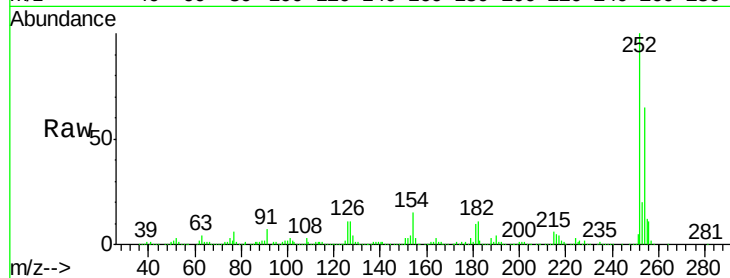




#81
 3,3'-Dichlorobenzidine
 Concen: 63.06 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

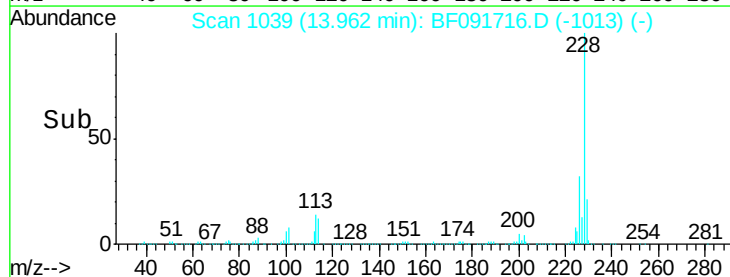
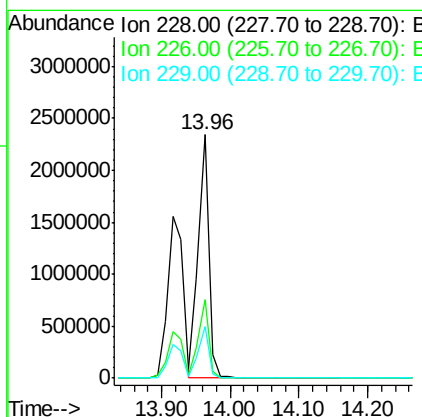
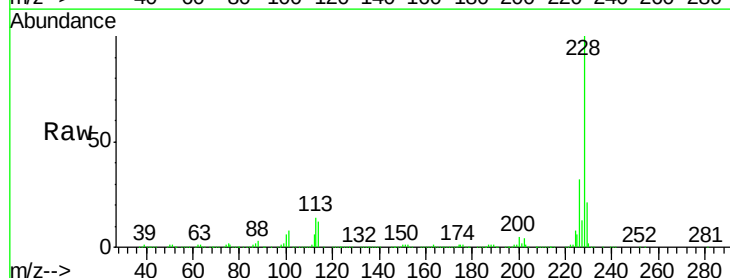
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

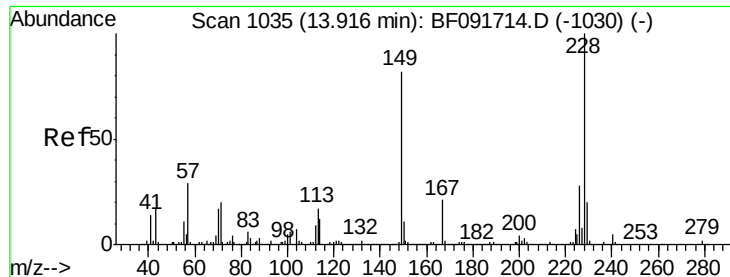
Tgt Ion:252 Resp: 1067889
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.3 78.5
 126 11.3 13.6 20.4#



#82
 Chrysene
 Concen: 50.85 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion:228 Resp: 2454818
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.4 38.0
 229 21.1 16.2 24.2

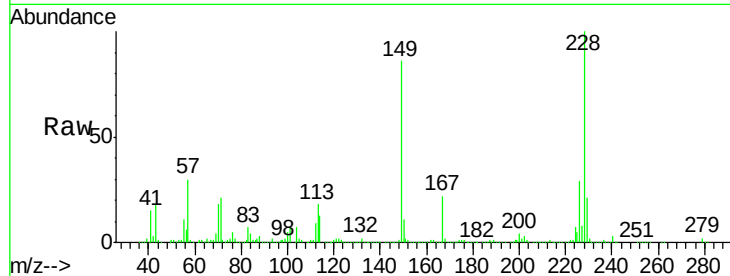




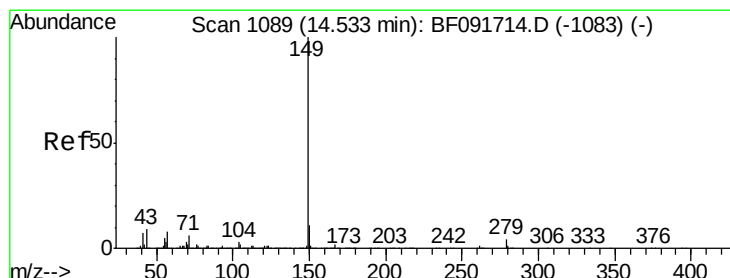
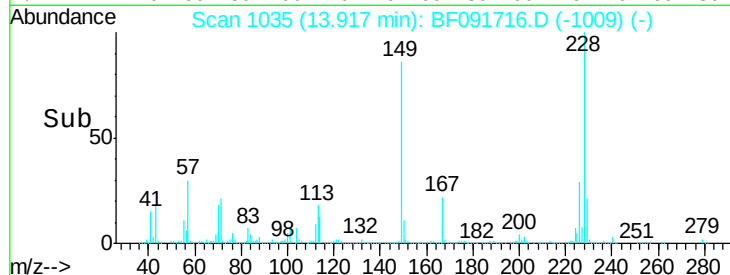
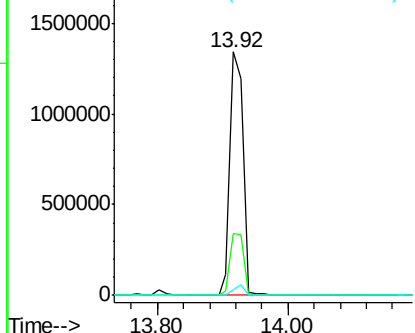
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.61 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:149 Resp: 1849204
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.2 30.4
 279 2.4 1.8 2.8

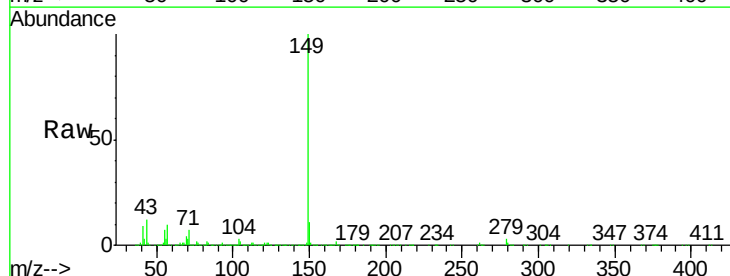


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

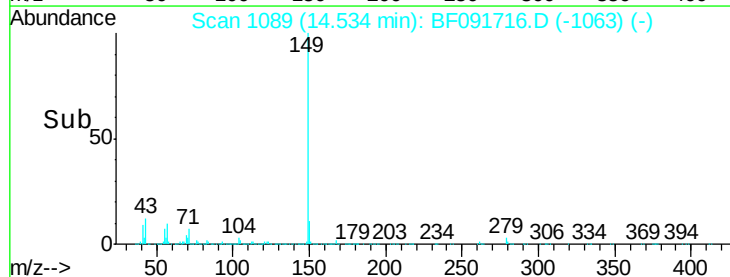
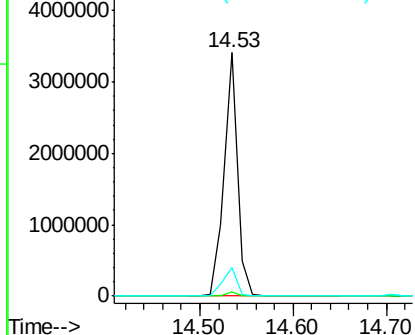


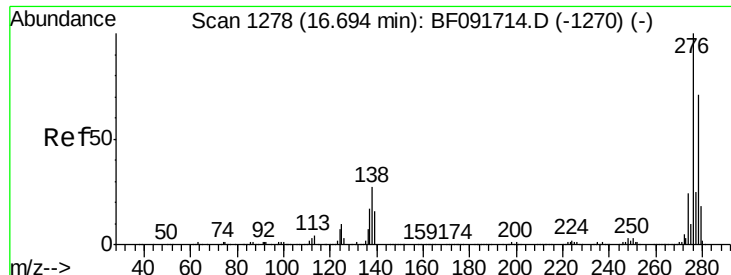
#84
 Di-n-octyl phthalate
 Concen: 61.99 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion:149 Resp: 3392943
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.2 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

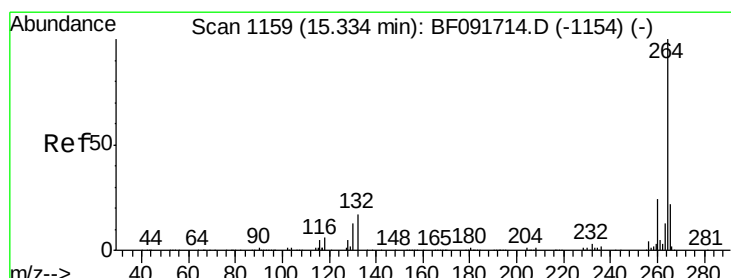
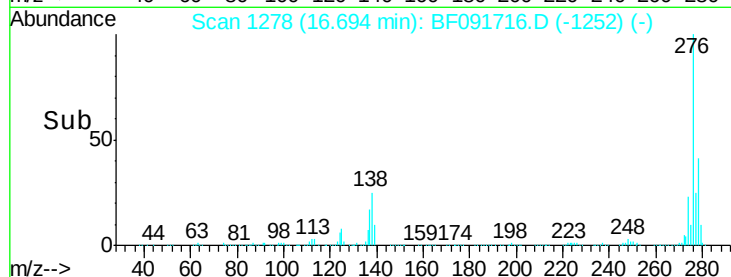
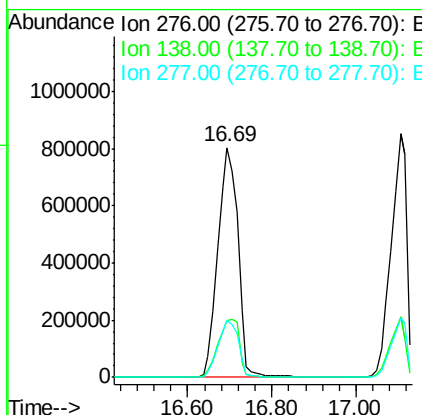
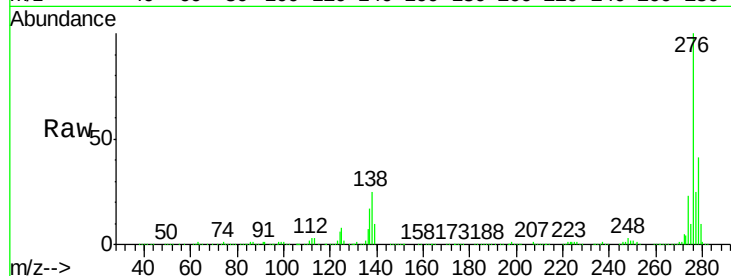




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.79 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

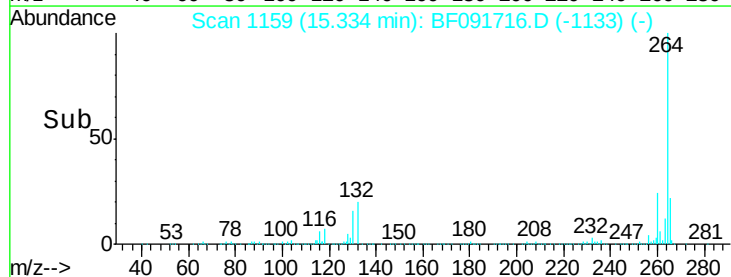
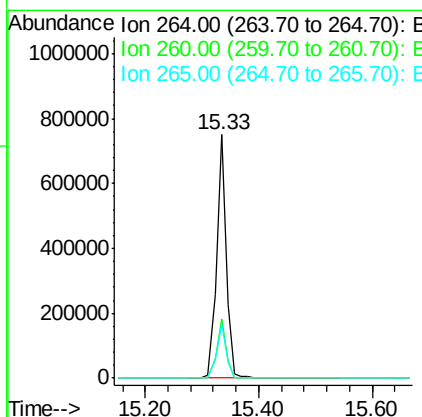
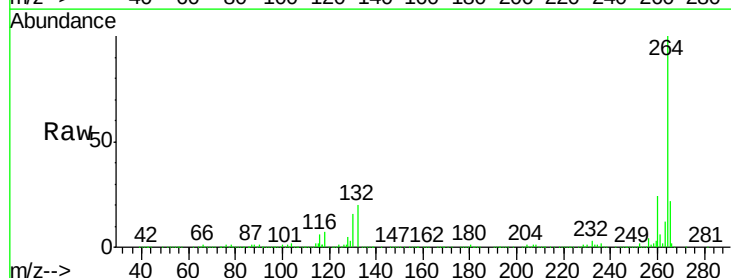
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

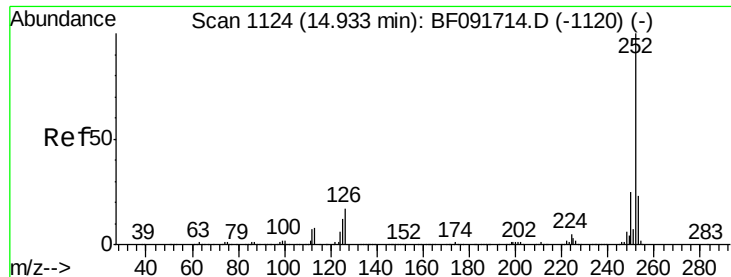
Tgt Ion: 276 Resp: 2685248
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.8 32.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF091716.D
 Acq: 17 Dec 2016 15:43

Tgt Ion: 264 Resp: 879080
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.5 17.4 26.0

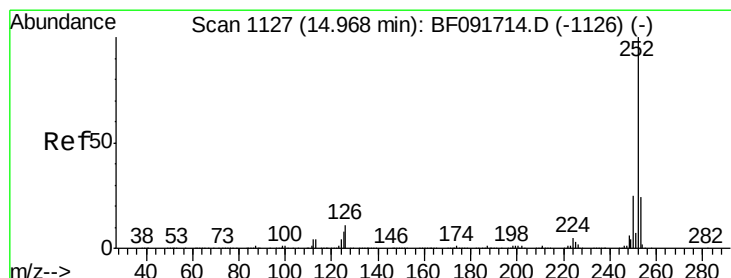
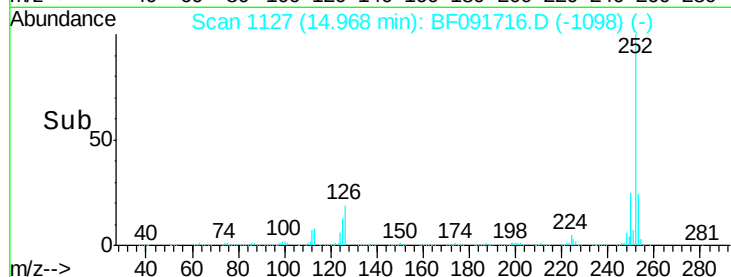
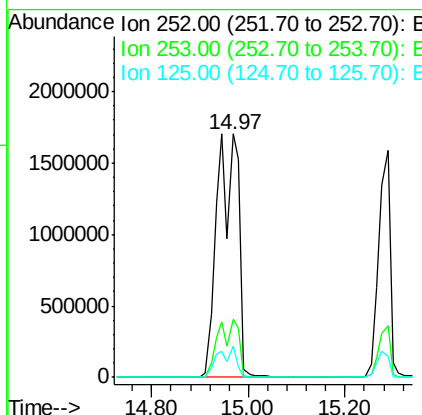
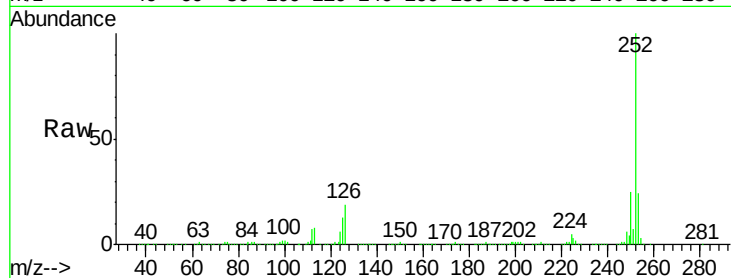




#87
Benzo(b)fluoranthene
Concen: 98.69 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.03 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

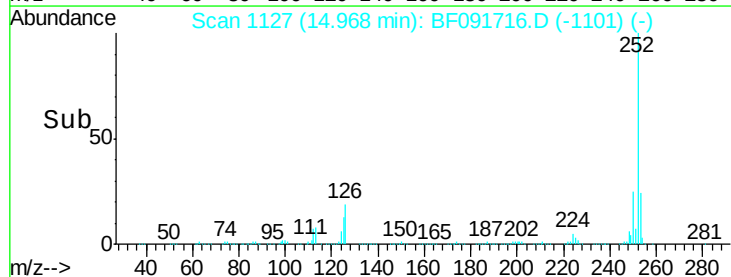
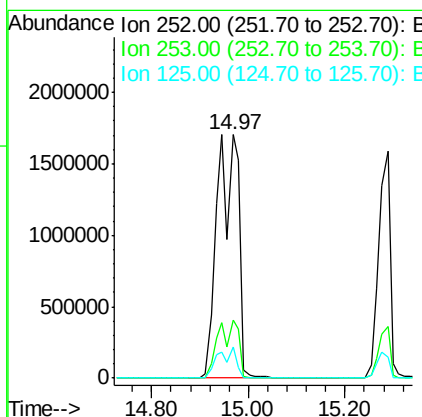
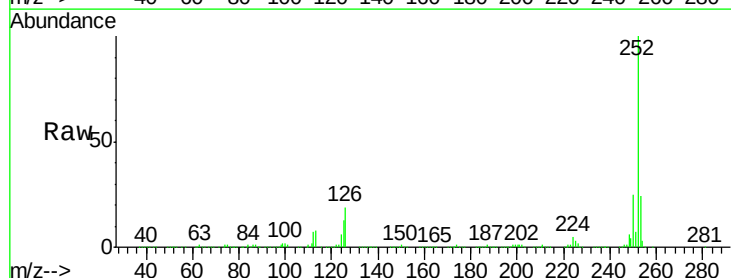
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

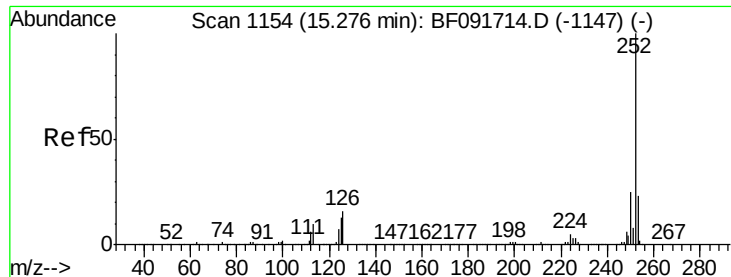
Tgt Ion:252 Resp: 5314731
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 12.8 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 117.30 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091716.D
Acq: 17 Dec 2016 15:43

Tgt Ion:252 Resp: 5314731
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 12.8 8.9 13.3





#89

Benzo(a)pyrene

Concen: 55.66 ng

RT: 15.29 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

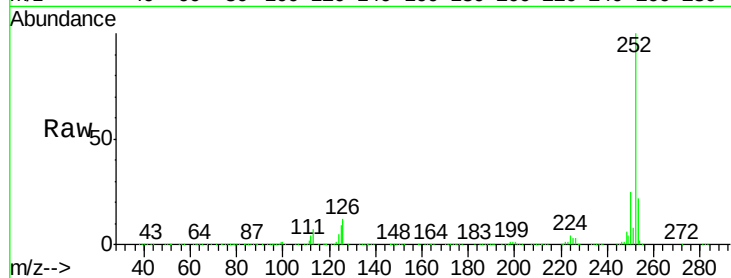
Tgt Ion:252 Resp: 2642654

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

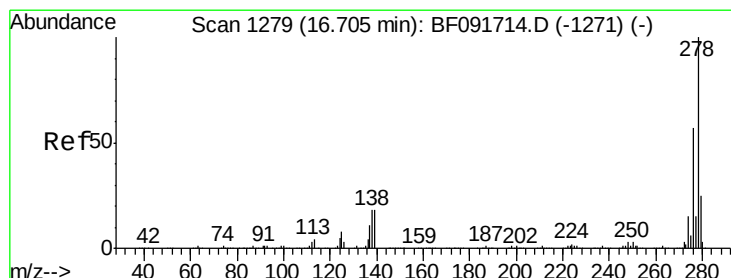
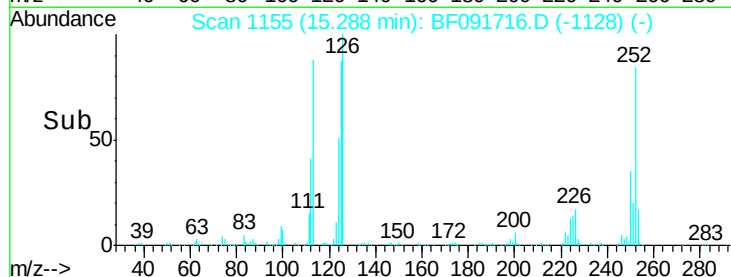
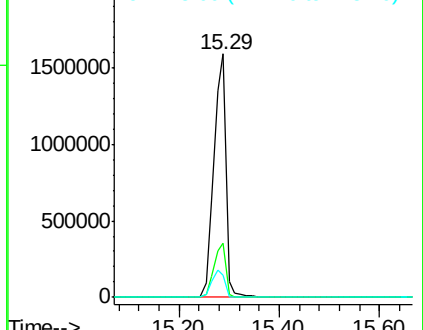
125 9.3 10.0 15.0#



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: 51.02 ng

RT: 16.72 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF091716.D

Acq: 17 Dec 2016 15:43

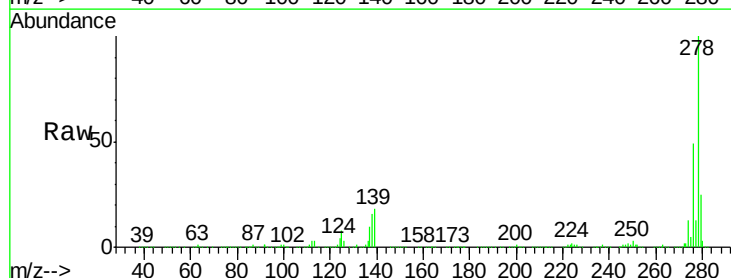
Tgt Ion:278 Resp: 2175582

Ion Ratio Lower Upper

278 100

139 18.2 14.8 22.2

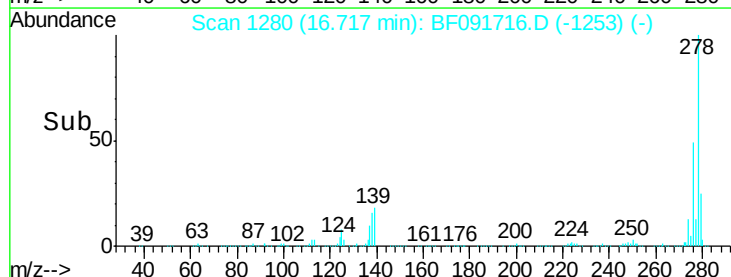
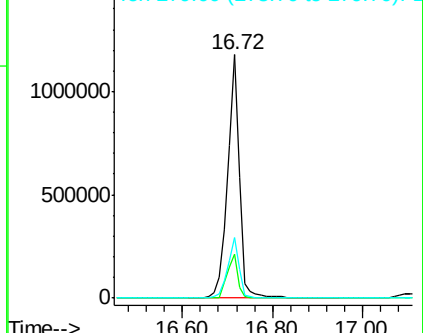
279 25.1 19.8 29.6

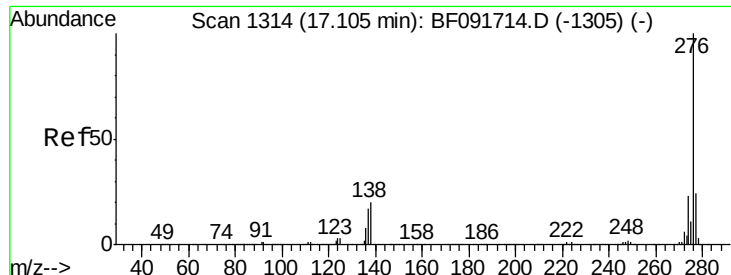


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.98 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF091716.D

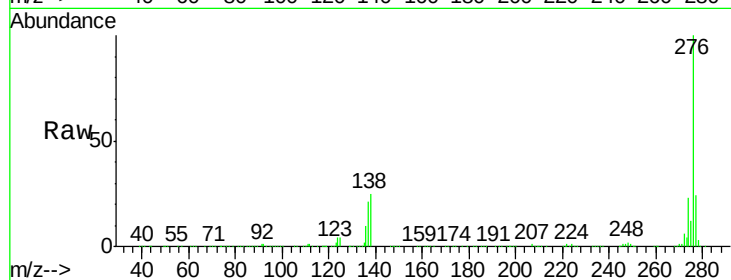
Acq: 17 Dec 2016 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



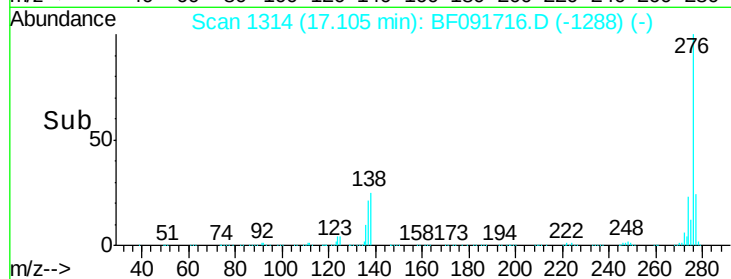
Tgt Ion:276 Resp: 2265559

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 25.0 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

