

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091578.D
 Acq On : 14 Dec 2016 4:15
 Operator : UM/SJ
 Sample : PB95306BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 06:27:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	457519	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1729448	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	884343	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	1290424	20.00	ng	0.00
75) Chrysene-d12	13.96	240	779065	20.00	ng	0.00
86) Perylene-d12	15.38	264	927615	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1299249	47.84	ng	0.01
7) Phenol-d6	6.45	99	1584398	46.80	ng	0.00
23) Nitrobenzene-d5	7.38	82	1749773	56.47	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	325183	44.27	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2847677	55.64	ng	0.00
78) Terphenyl-d14	12.92	244	2113008	61.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	326588	22.79	ng	# 86
3) Pyridine	3.17	79	871729	22.83	ng	# 79
4) n-Nitrosodimethylamine	3.13	42	429093	26.15	ng	# 58
6) Aniline	6.48	93	603272	13.59	ng	# 85
8) 2-Chlorophenol	6.60	128	883014	28.81	ng	99
9) Benzaldehyde	6.35	77	157790	6.77	ng	93
10) Phenol	6.46	94	922809	23.31	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	897616	30.19	ng	# 80
12) 1,3-Dichlorobenzene	6.83	146	874235	26.30	ng	96
13) 1,4-Dichlorobenzene	6.83	146	874235	26.67	ng	97
14) 1,2-Dichlorobenzene	6.83	146	874235	29.59	ng	96
15) Benzyl Alcohol	6.96	79	692304	25.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1263433	27.42	ng	82
17) 2-Methylphenol	7.08	107	713624	28.14	ng	# 75
18) Hexachloroethane	7.33	117	339845	26.56	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	594663	28.09	ng	# 82
20) 3+4-Methylphenols	7.23	107	821233	28.86	ng	# 64
22) Acetophenone	7.23	105	1179471	28.46	ng	# 96
24) Nitrobenzene	7.40	77	998307	30.49	ng	# 84
25) Isophorone	7.64	82	1684480	30.58	ng	99
26) 2-Nitrophenol	7.72	139	452605	31.32	ng	# 66
27) 2,4-Dimethylphenol	7.77	122	798918	31.48	ng	91
28) bis(2-Chloroethoxy)methane	7.86	93	1113668	34.47	ng	99
29) 2,4-Dichlorophenol	7.96	162	663911	30.07	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	704589	28.08	ng	98
31) Naphthalene	8.12	128	2251275	27.98	ng	99
32) Benzoic acid	7.88	122	401586	24.70	ng	92
33) 4-Chloroaniline	8.17	127	241299	6.96	ng	98
34) Hexachlorobutadiene	8.25	225	416678	28.96	ng	99
35) Caprolactam	8.54	113	182314	28.27	ng	# 57
36) 4-Chloro-3-methylphenol	8.66	107	726270	29.33	ng	96
37) 2-Methylnaphthalene	8.82	142	1559788	29.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	589875	24.32	ng	99
40) Hexachlorocyclopentadiene	8.97	237	510898	47.24	ng	98

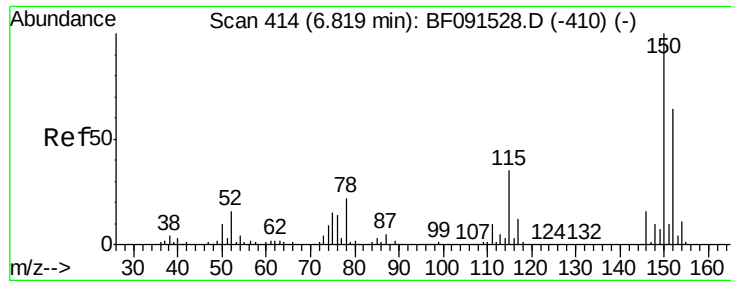
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
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 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	426537	27.37	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	434532	27.13	ng #	88
45) 1,1'-Biphenyl	9.28	154	1676653	26.18	ng	99
46) 2-Chloronaphthalene	9.30	162	1284633	25.90	ng	99
47) 2-Nitroaniline	9.40	65	468992	28.12	ng	83
48) Acenaphthylene	9.71	152	2059285	27.24	ng	99
49) Dimethylphthalate	9.58	163	1664499	29.73	ng	99
50) 2,6-Dinitrotoluene	9.64	165	368809	30.01	ng #	84
51) Acenaphthene	9.89	154	1393356	26.53	ng	98
52) 3-Nitroaniline	9.80	138	170410	11.80	ng	91
53) 2,4-Dinitrophenol	9.92	184	201398	37.22	ng #	74
54) Dibenzofuran	10.06	168	1842078	28.35	ng	90
55) 4-Nitrophenol	9.98	139	558808	52.02	ng #	52
56) 2,4-Dinitrotoluene	10.04	165	454789	29.52	ng #	70
57) Fluorene	10.40	166	1221598	23.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	350379	27.94	ng	93
59) Diethylphthalate	10.28	149	1590158	29.49	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	652129	27.91	ng #	90
61) 4-Nitroaniline	10.42	138	330466	23.03	ng	97
62) Azobenzene	10.56	77	1797626	29.42	ng	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	152105	21.16	ng #	31
65) n-Nitrosodiphenylamine	10.51	169	1145786	29.78	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	418527	31.63	ng #	77
67) Hexachlorobenzene	10.94	284	389522	28.31	ng #	77
68) Atrazine	11.05	200	426884	34.51	ng	93
69) Pentachlorophenol	11.14	266	379811	49.06	ng	96
70) Phenanthrene	11.36	178	1784866	27.93	ng	99
71) Anthracene	11.41	178	2058402	29.86	ng	99
72) Carbazole	11.56	167	1596594	26.43	ng	99
73) Di-n-butylphthalate	11.90	149	2294187	32.59	ng	99
74) Fluoranthene	12.54	202	1829510	27.34	ng	99
76) Benzidine	12.66	184	584239	24.25	ng	99
77) Pyrene	12.77	202	1761334	28.50	ng	99
79) Butylbenzylphthalate	13.39	149	788407	32.72	ng	88
80) Benzo(a)anthracene	13.95	228	1308568	28.92	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	273084	16.81	ng #	98
82) Chrysene	14.00	228	1369404	28.93	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	997220	32.26	ng #	91
84) Di-n-octyl phthalate	14.57	149	1804534	34.39	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1667223	39.14	ng	98
87) Benzo(b)fluoranthene	14.98	252	1512017	27.34	ng	99
88) Benzo(k)fluoranthene	14.98	252	1512017	31.10	ng	98
89) Benzo(a)pyrene	15.32	252	1429986	28.71	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	1374333	30.80	ng	97
91) Benzo(g,h,i)perylene	17.17	276	1410984	31.07	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

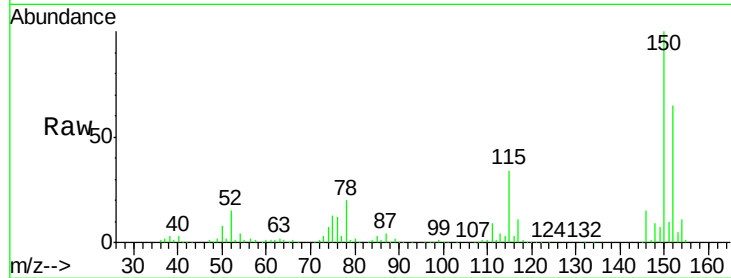
Tgt Ion: 152 Resp: 457519

Ion Ratio Lower Upper

152 100

150 154.1 122.5 183.7

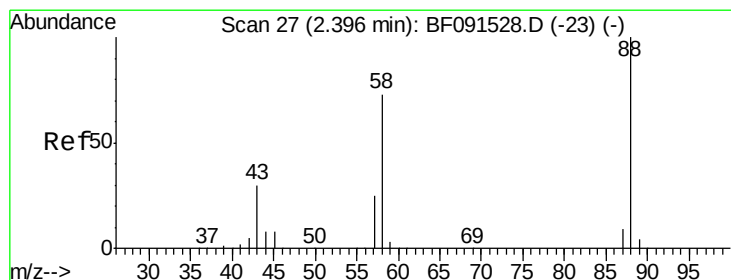
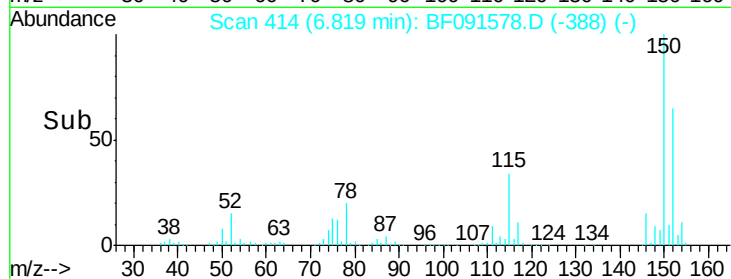
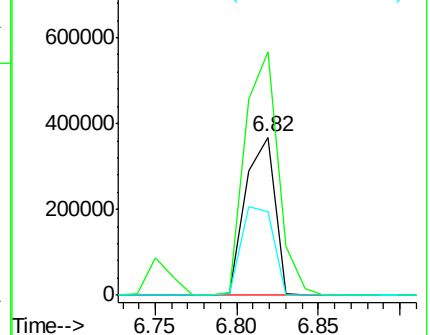
115 52.8 51.8 77.8



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: 22.79 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.08 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

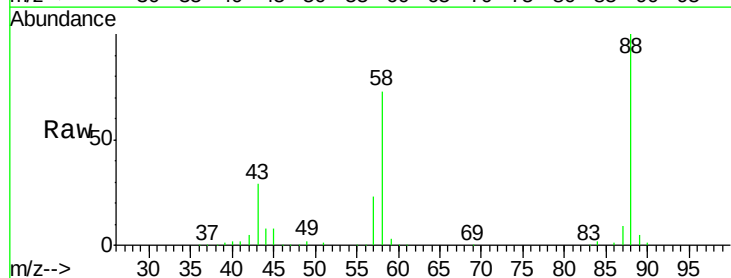
Tgt Ion: 88 Resp: 326588

Ion Ratio Lower Upper

88 100

58 74.9 70.3 105.5

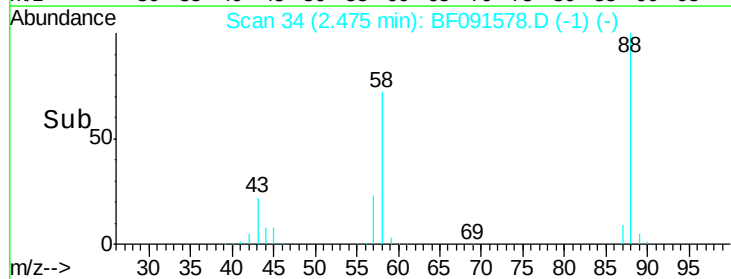
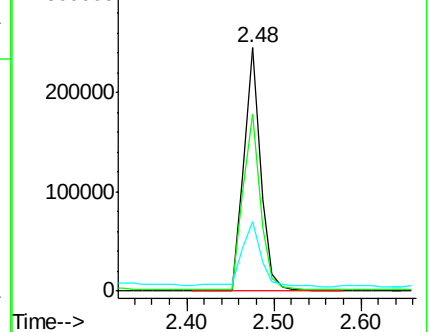
43 30.4 31.3 46.9#

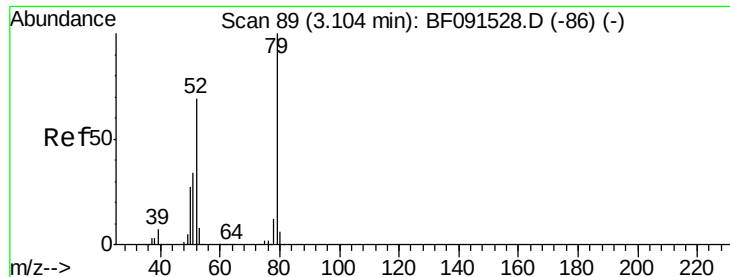


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.83 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.07 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

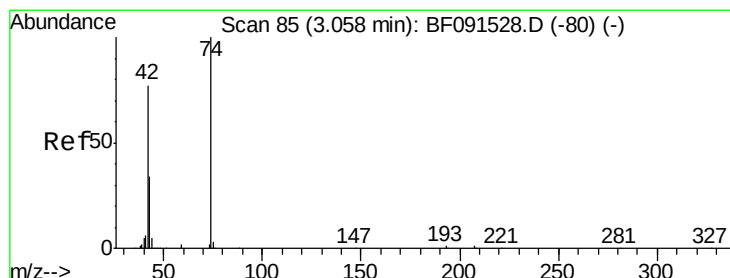
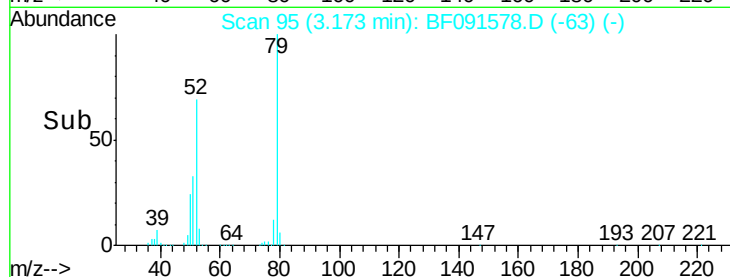
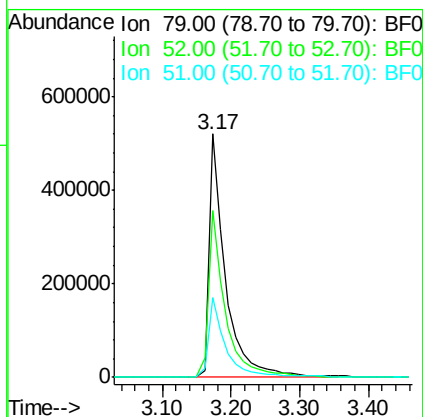
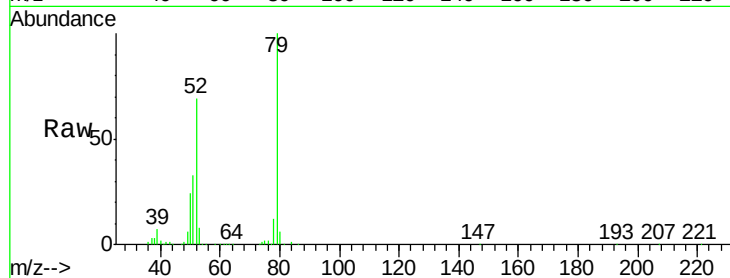
Tgt Ion: 79 Resp: 871729

Ion Ratio Lower Upper

79 100

52 68.6 71.0 106.4#

51 32.8 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 26.15 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

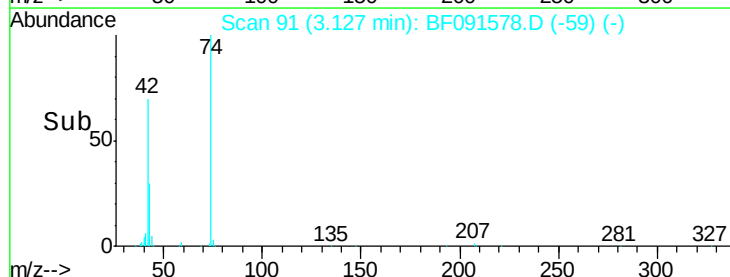
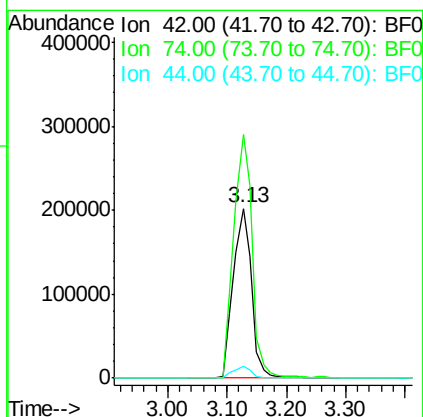
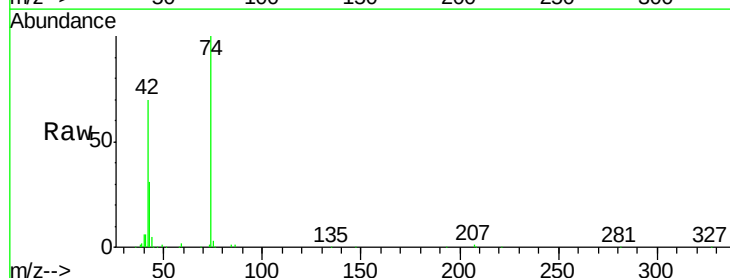
Tgt Ion: 42 Resp: 429093

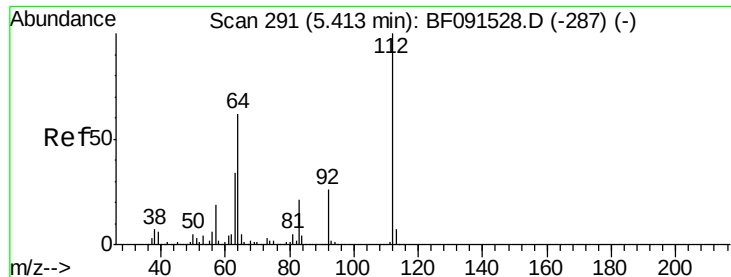
Ion Ratio Lower Upper

42 100

74 143.5 78.9 118.3#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 47.84 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

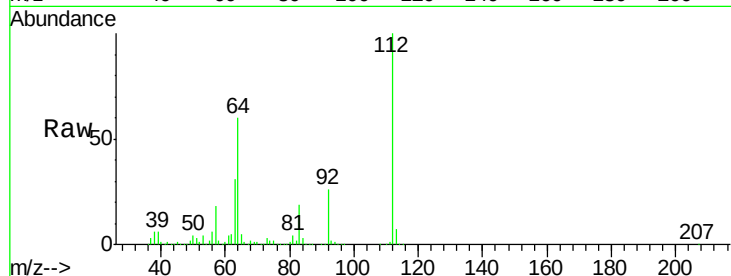
Tgt Ion: 112 Resp: 1299249

Ion Ratio Lower Upper

112 100

64 60.3 61.5 92.3#

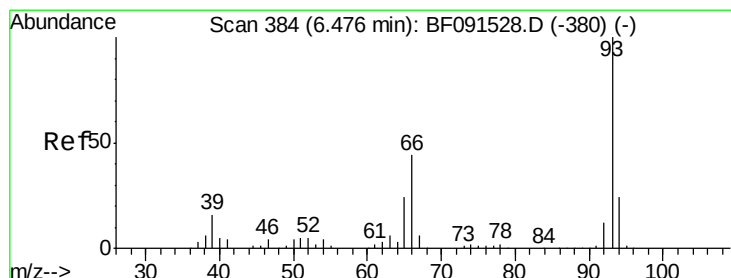
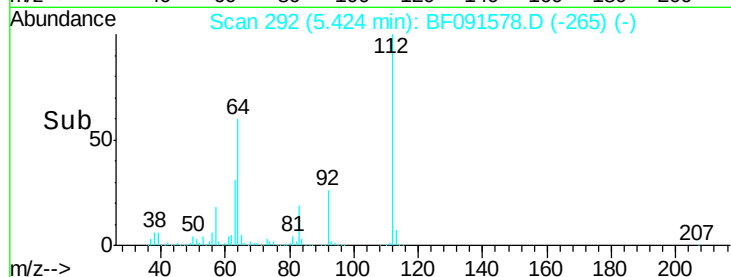
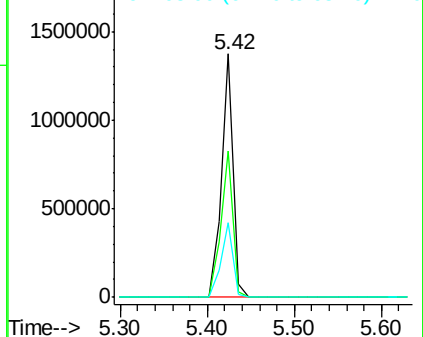
63 30.9 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.59 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

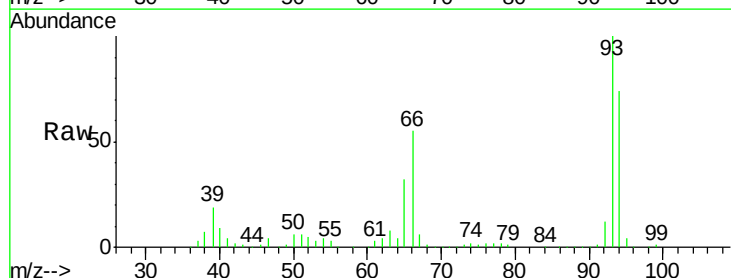
Tgt Ion: 93 Resp: 603272

Ion Ratio Lower Upper

93 100

66 54.6 55.8 83.6#

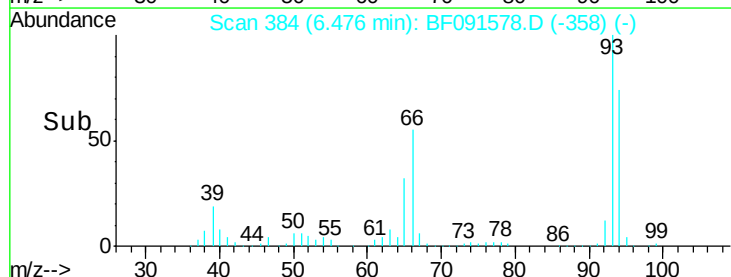
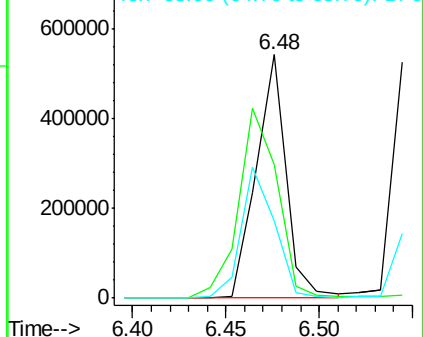
65 31.8 29.9 44.9

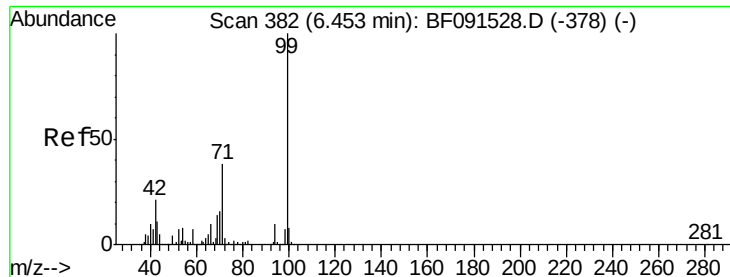


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 46.80 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

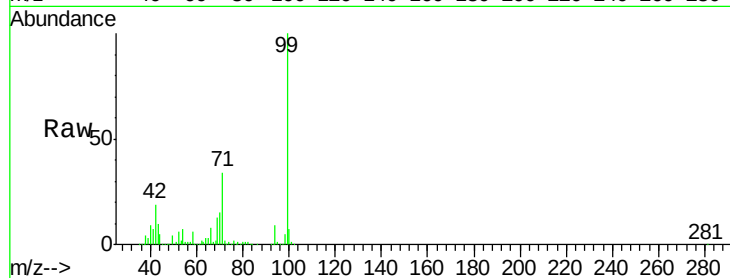
Tgt Ion: 99 Resp: 1584398

Ion Ratio Lower Upper

99 100

42 19.3 20.6 31.0#

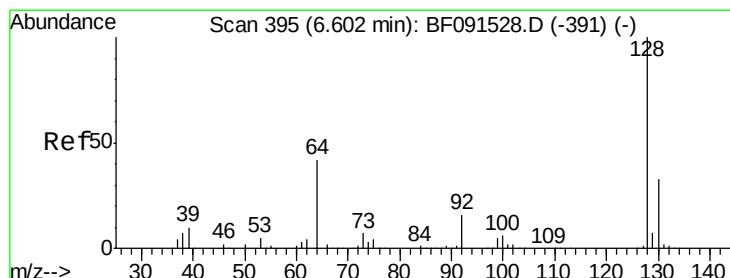
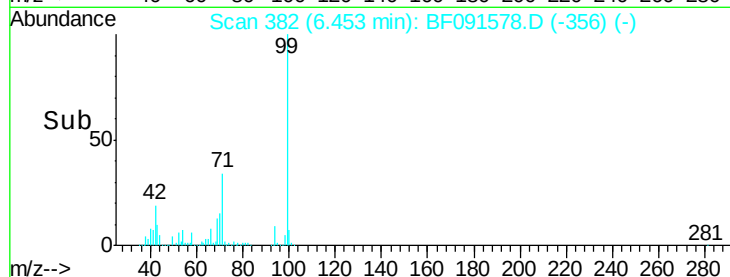
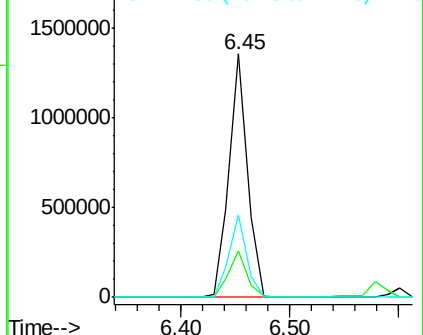
71 33.6 29.9 44.9



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: 28.81 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

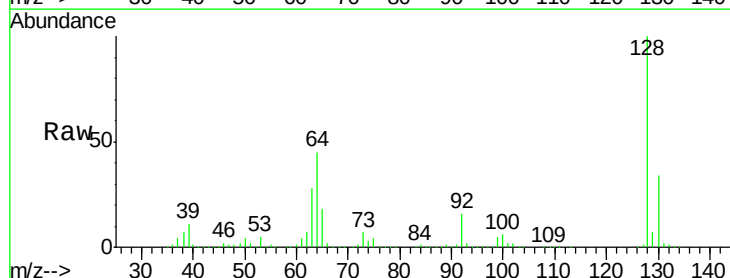
Tgt Ion: 128 Resp: 883014

Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

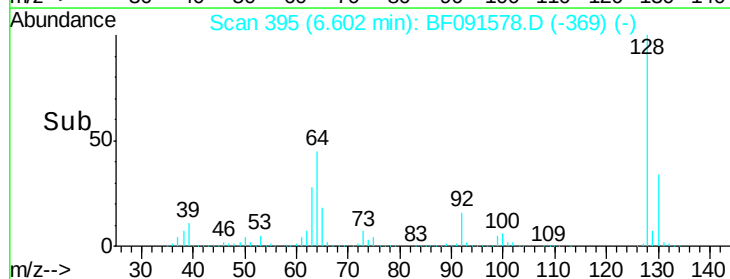
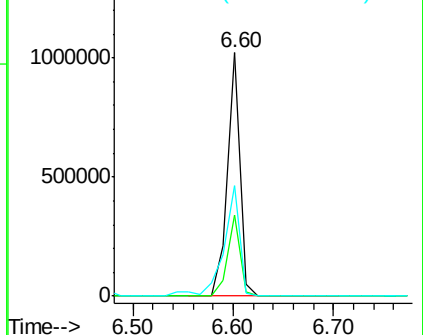
64 45.1 24.1 64.1

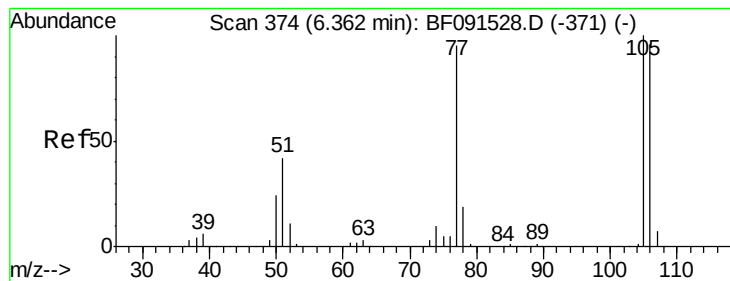


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.77 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

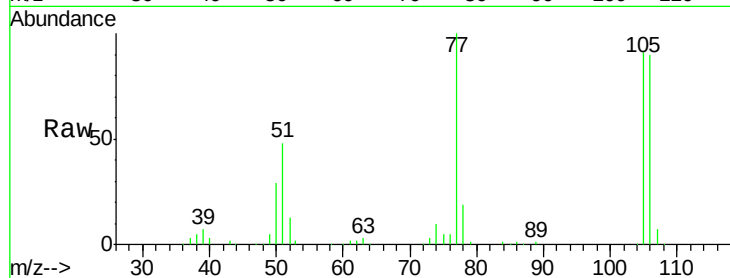
Tgt Ion: 77 Resp: 157790

Ion Ratio Lower Upper

77 100

105 91.2 66.4 106.4

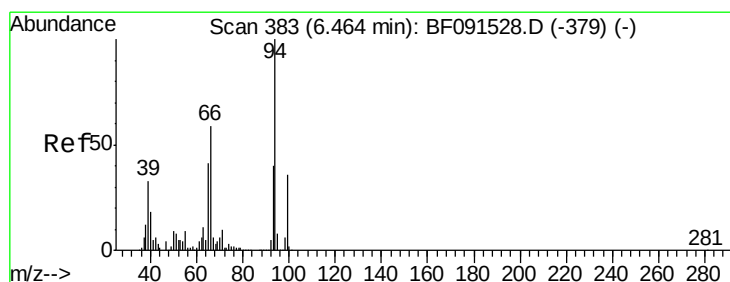
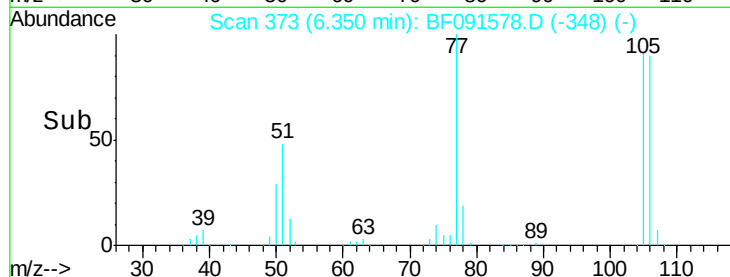
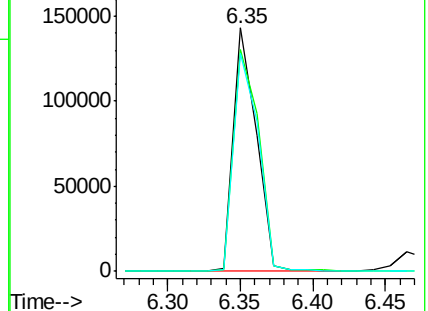
106 89.5 60.9 100.9



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: 23.31 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

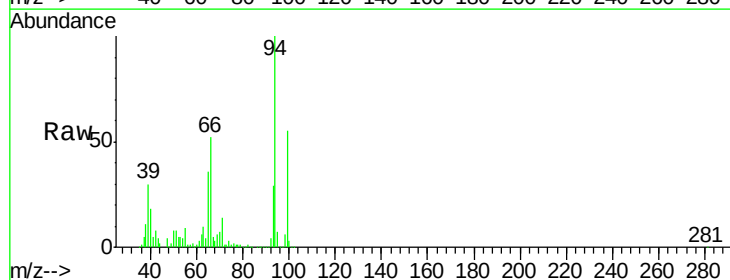
Tgt Ion: 94 Resp: 922809

Ion Ratio Lower Upper

94 100

65 36.0 16.9 56.9

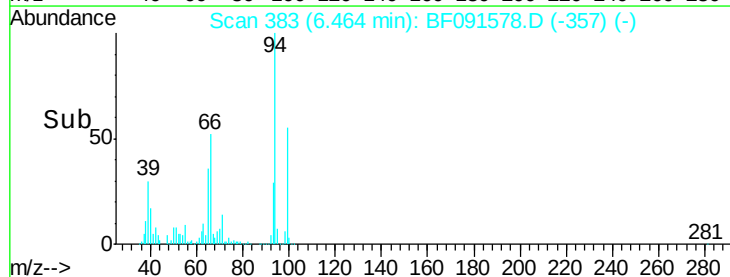
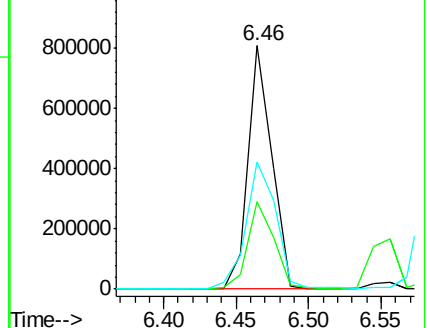
66 52.2 30.6 70.6

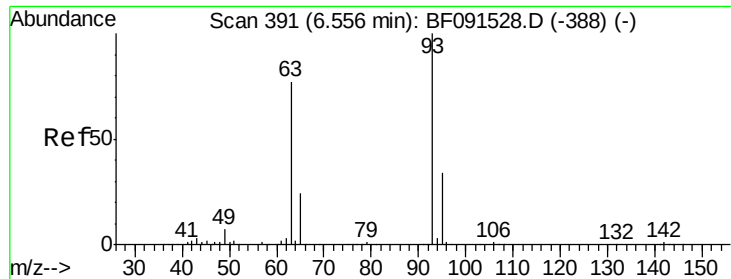


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

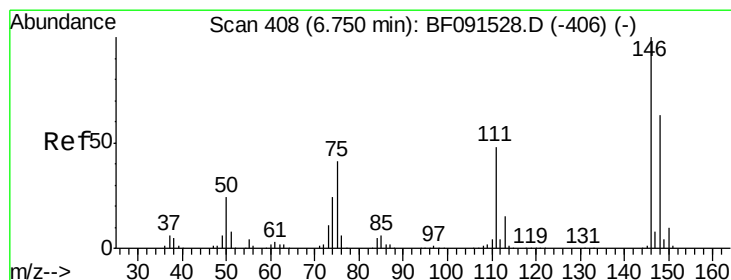
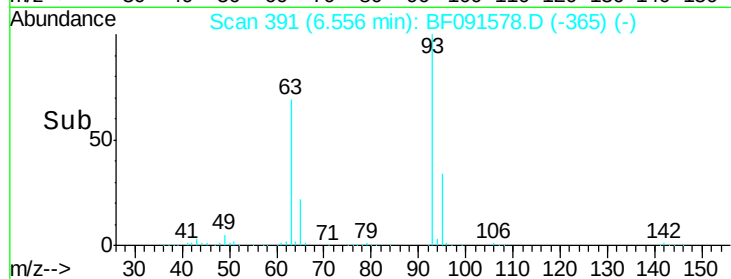
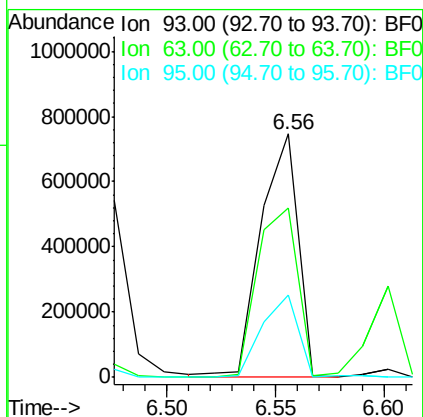
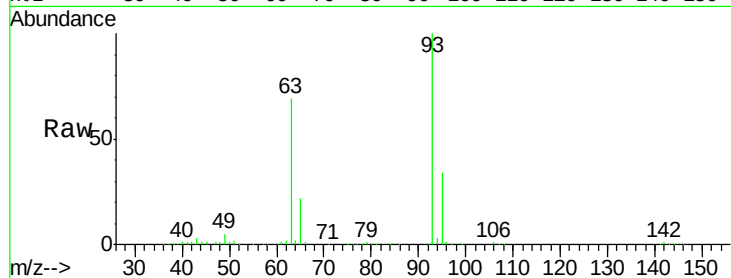




#11
bis(2-Chloroethyl)ether
Concen: 30.19 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

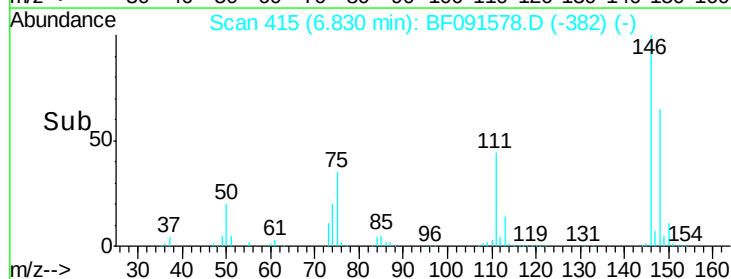
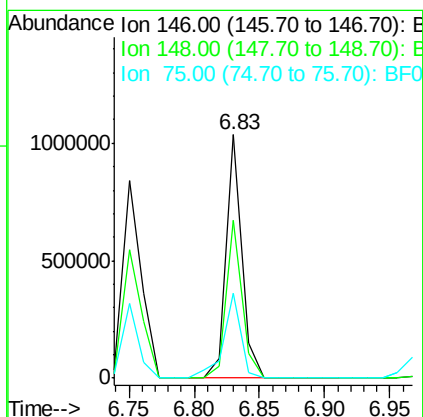
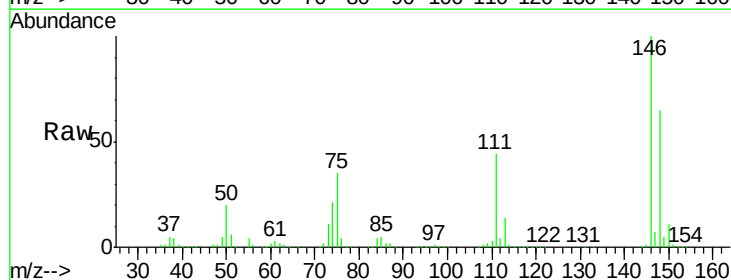
Instrument :
BNA_F
ClientSampleId :

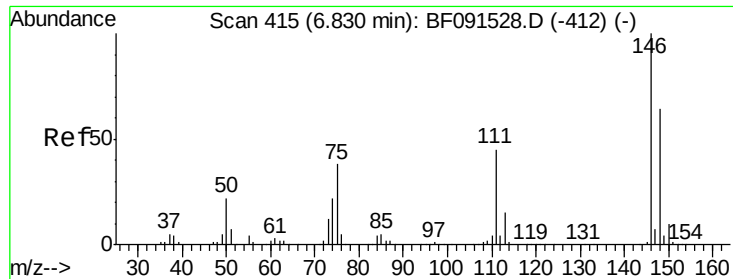
Tgt Ion: 93 Resp: 897616
Ion Ratio Lower Upper
93 100
63 69.4 74.8 114.8#
95 33.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 26.30 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.08 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion: 146 Resp: 874235
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 35.0 23.6 35.4

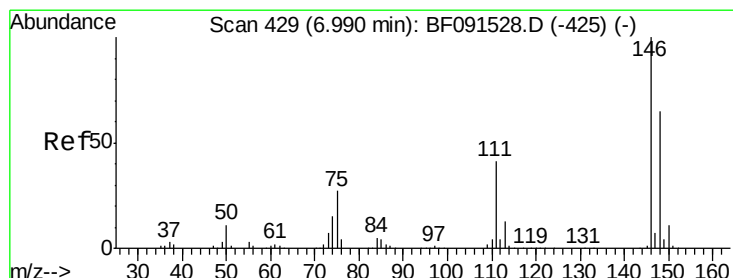
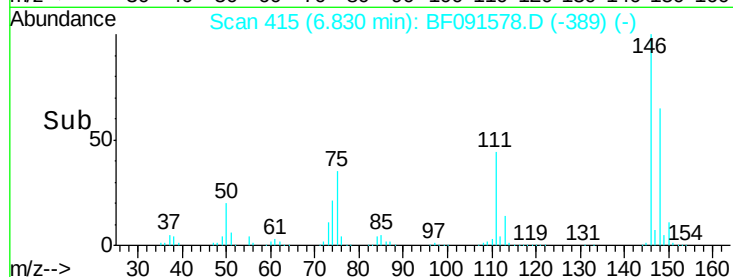
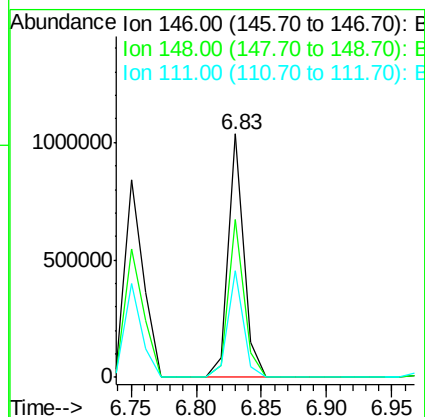
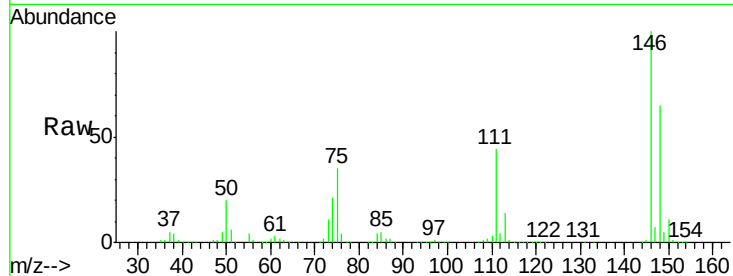




#13
 1,4-Dichlorobenzene
 Concen: 26.67 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

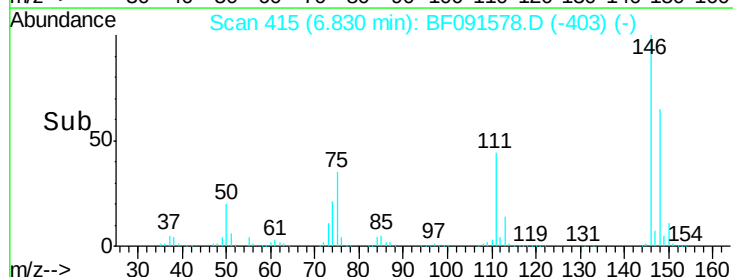
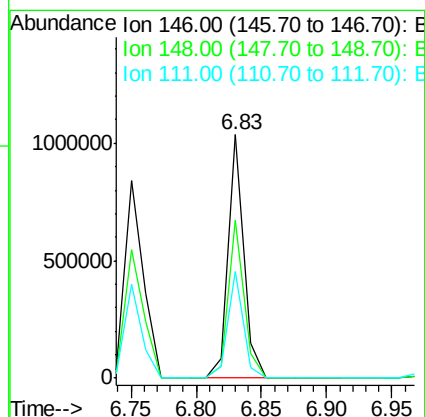
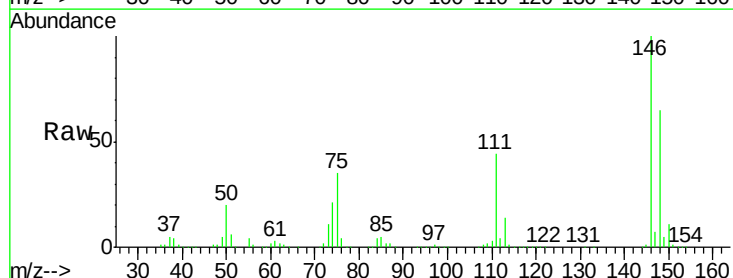
Instrument :
 BNA_F
 ClientSampleId :

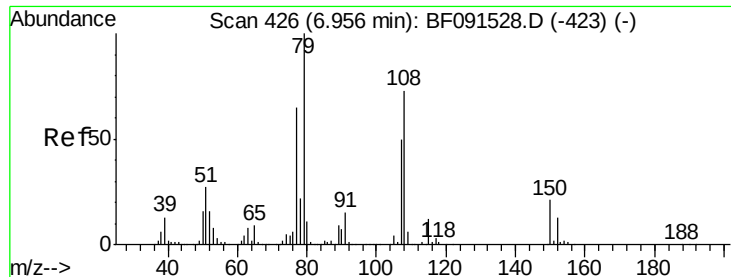
Tgt Ion:146 Resp: 874235
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.0
 111 43.9 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 29.59 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:146 Resp: 874235
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 43.9 38.9 58.3





#15

Benzyl Alcohol

Concen: 25.90 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampled :

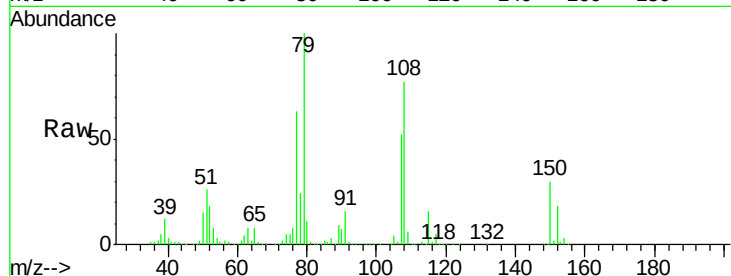
Tgt Ion: 79 Resp: 692304

Ion Ratio Lower Upper

79 100

108 76.7 62.7 94.1

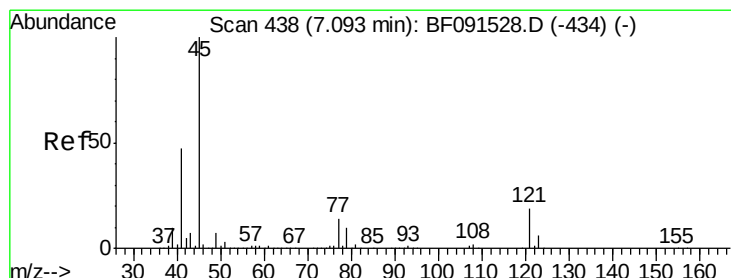
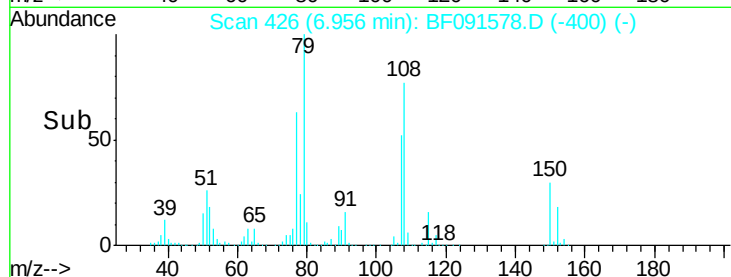
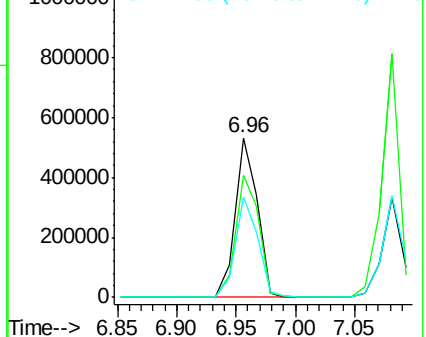
77 62.6 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.42 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

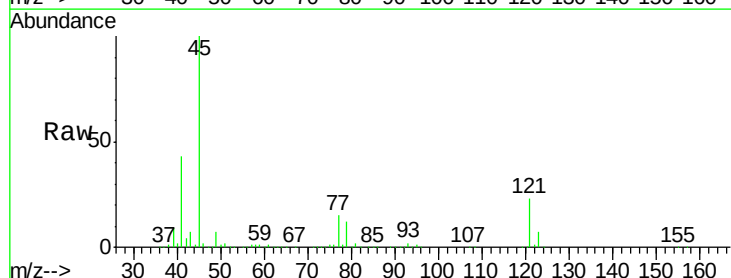
Tgt Ion: 45 Resp: 1263433

Ion Ratio Lower Upper

45 100

77 15.2 3.8 43.8

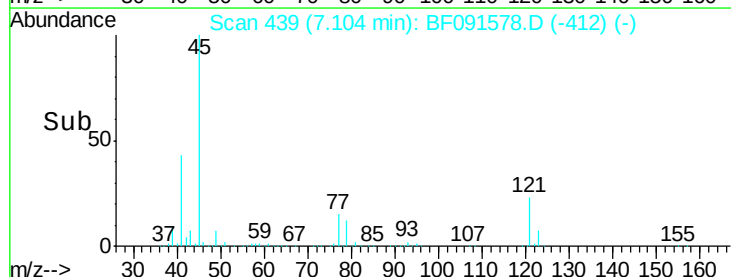
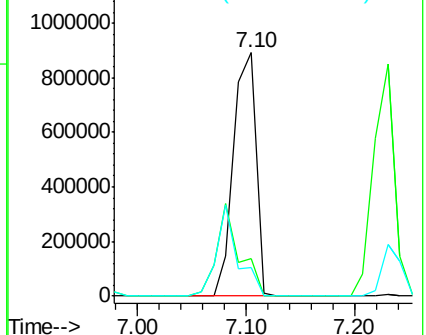
79 12.0 0.2 40.2

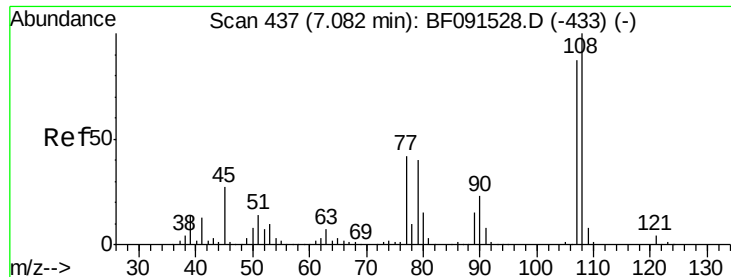


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

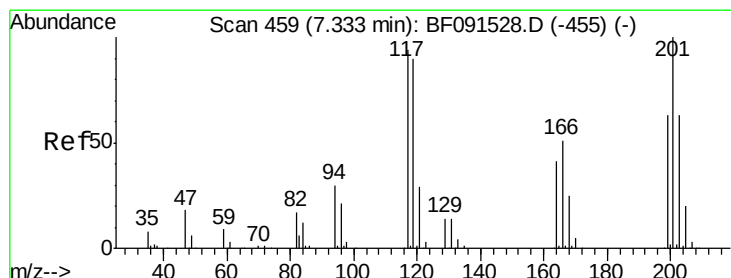
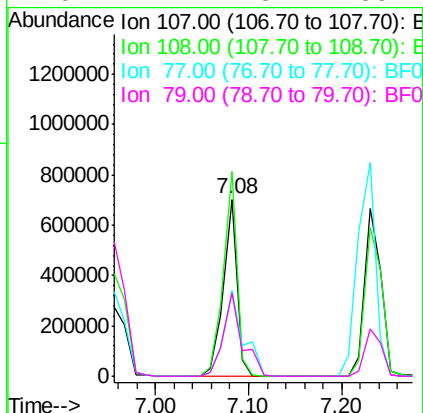
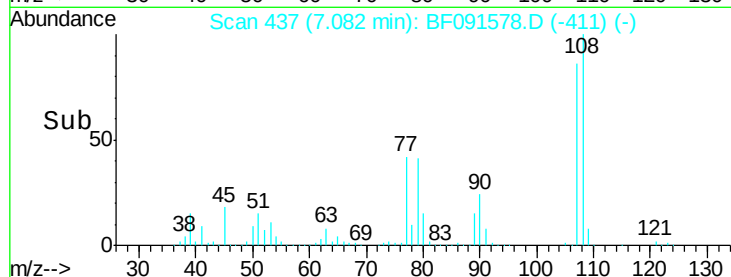
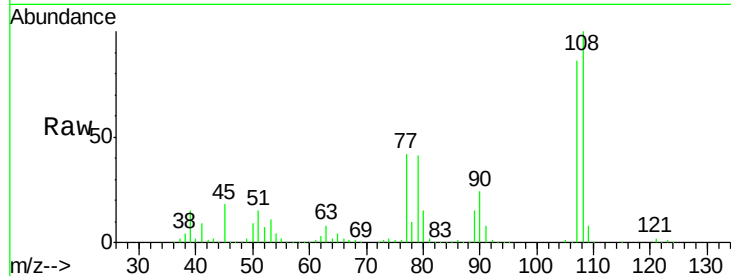




#17
2-Methylphenol
Concen: 28.14 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

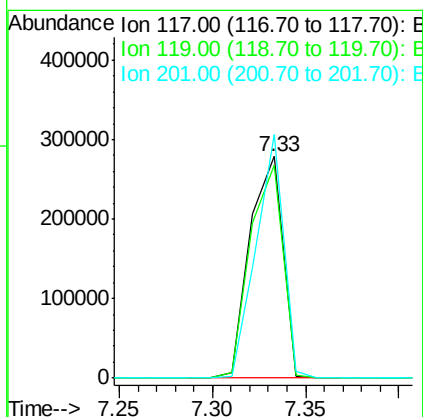
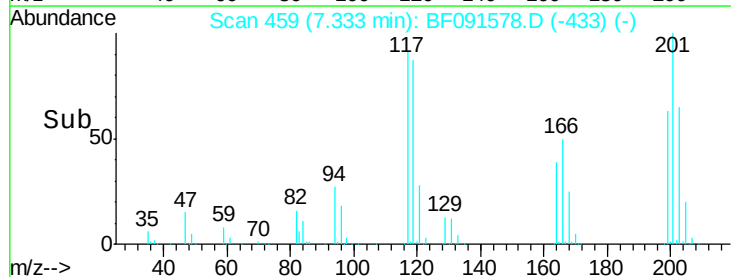
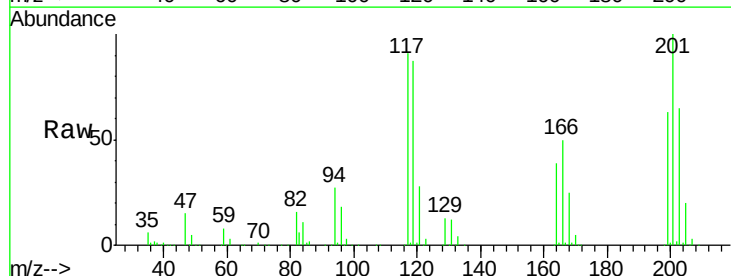
Instrument :
BNA_F
ClientSampleId :

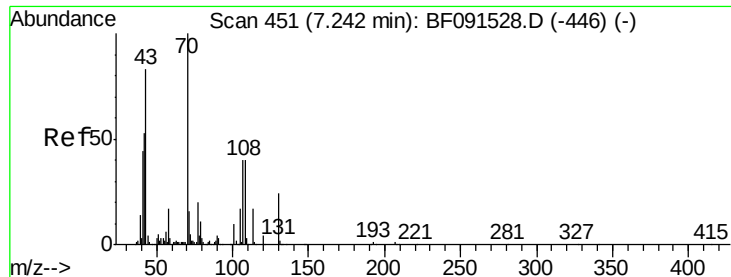
Tgt Ion:107 Resp: 713624
Ion Ratio Lower Upper
107 100
108 115.7 67.7 101.5#
77 48.3 40.7 61.1
79 47.4 23.4 35.2#



#18
Hexachloroethane
Concen: 26.56 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion:117 Resp: 339845
Ion Ratio Lower Upper
117 100
119 96.1 78.6 118.0
201 110.1 86.7 130.1

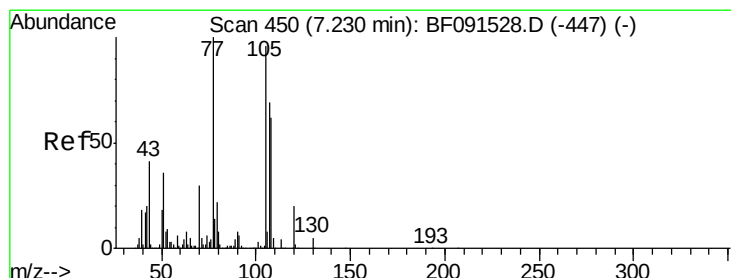
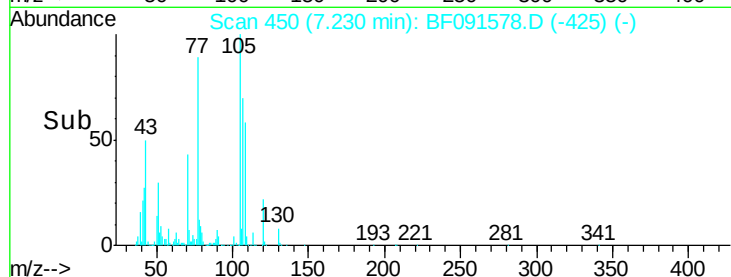
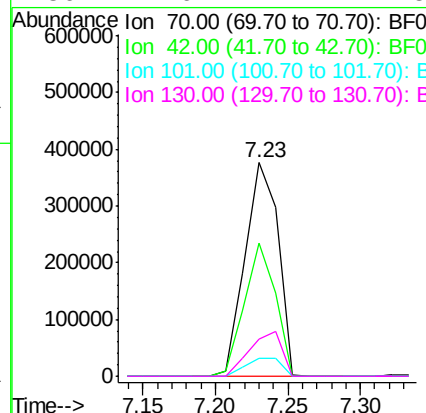
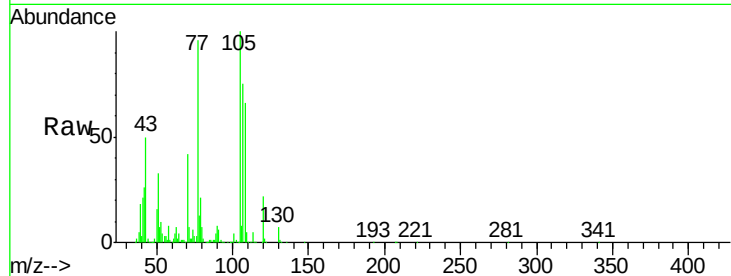




#19
n-Nitroso-di-n-propylamine
Concen: 28.09 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

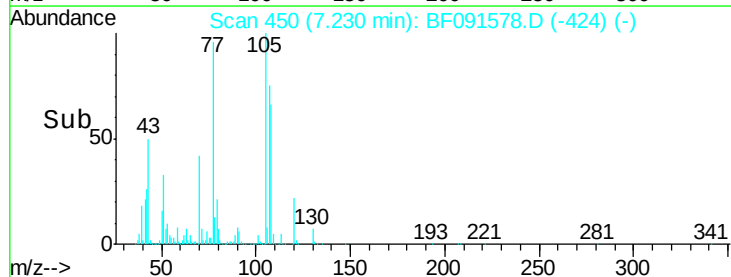
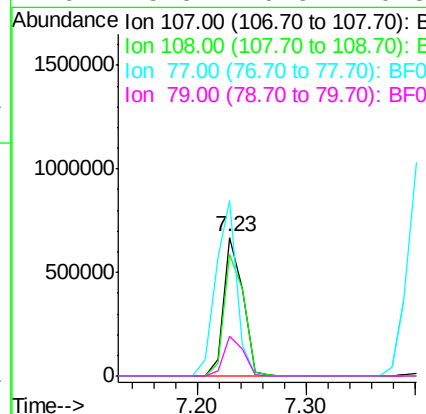
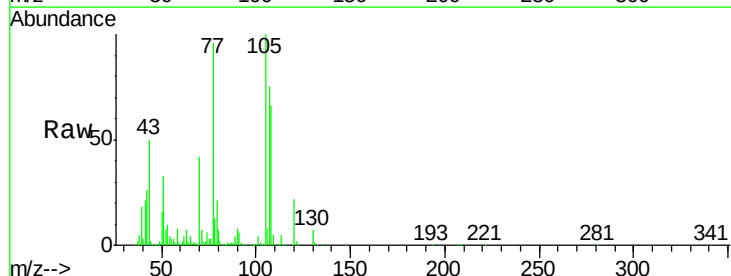
Instrument :
BNA_F
ClientSampleId :

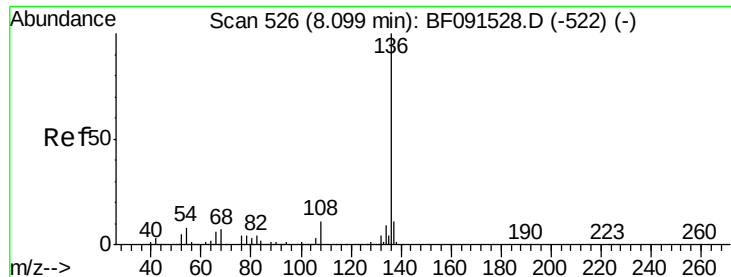
Tgt Ion: 70 Resp: 594663
Ion Ratio Lower Upper
70 100
42 62.4 64.8 97.2#
101 8.5 6.2 9.4
130 17.6 11.7 17.5#



#20
3+4-Methylphenols
Concen: 28.86 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion: 107 Resp: 821233
Ion Ratio Lower Upper
107 100
108 88.1 64.6 104.6
77 127.1 30.9 70.9#
79 28.3 9.3 49.3

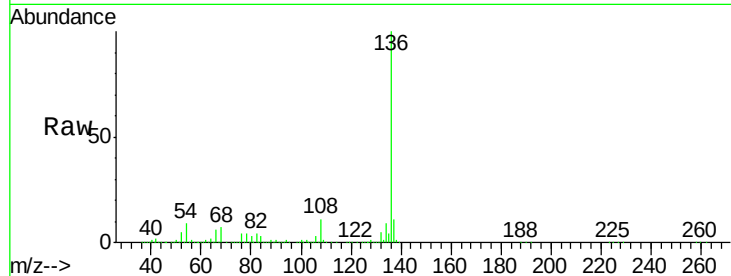




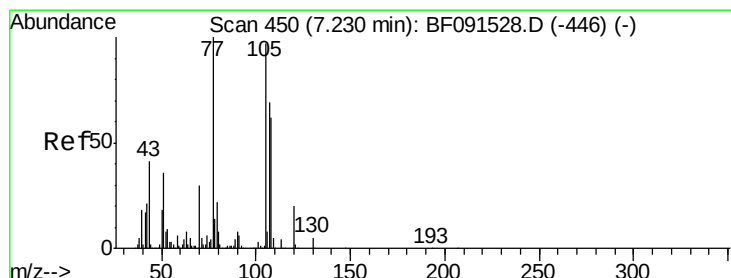
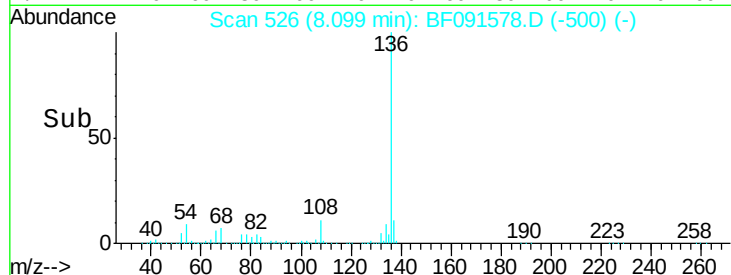
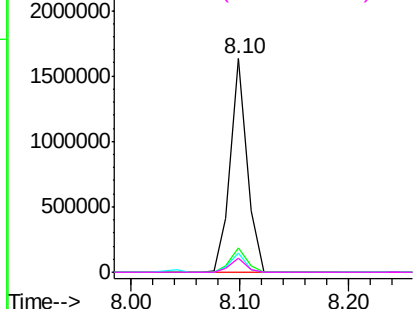
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	136	Resp:	1729448
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	9.1	13.7#
68	6.7	5.9	8.9

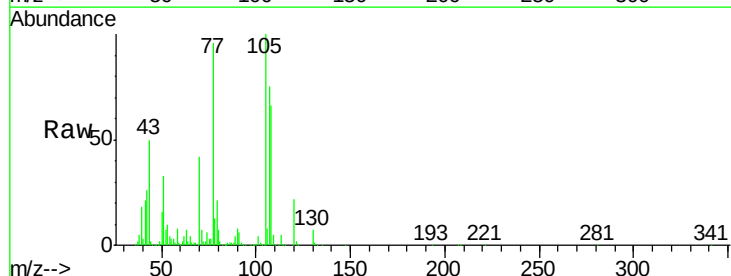


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

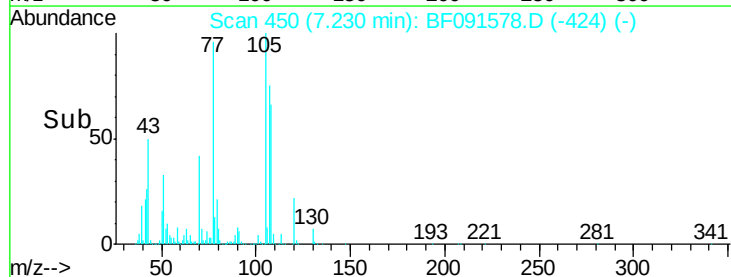
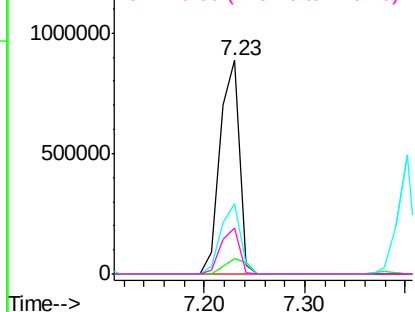


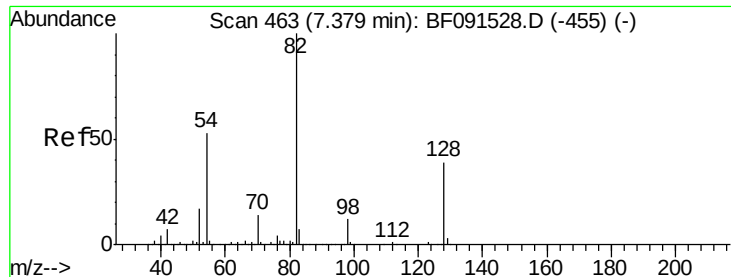
#22
Acetophenone
Concen: 28.46 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion:	105	Resp:	1179471
Ion	Ratio	Lower	Upper
105	100		
71	7.0	7.9	11.9#
51	32.8	24.5	36.7
120	21.8	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

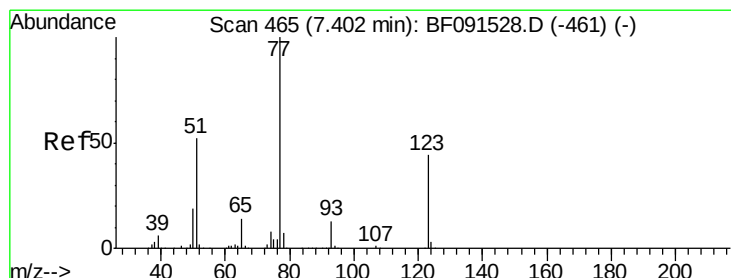
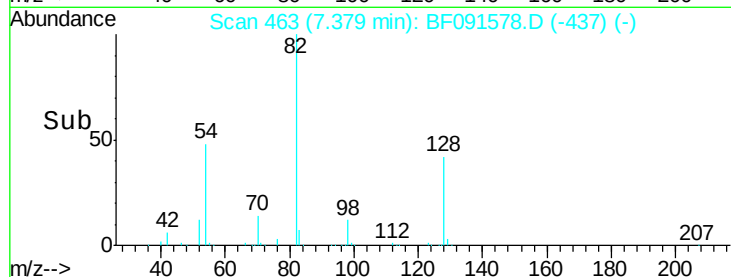
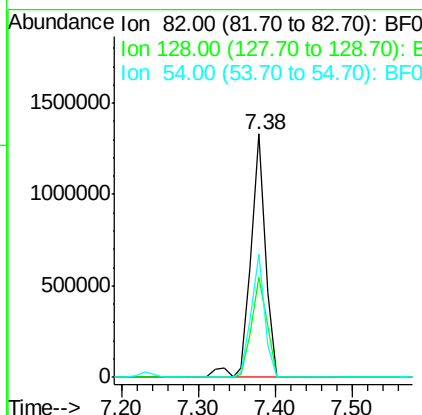
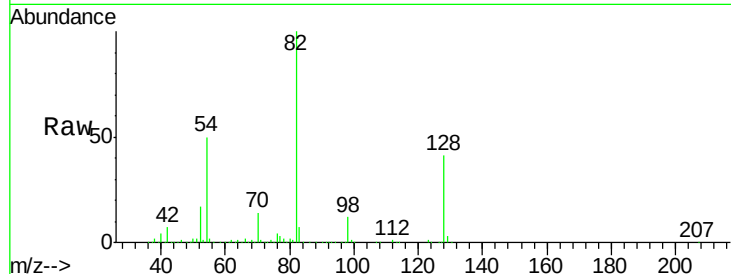




#23
 Nitrobenzene-d5
 Concen: 56.47 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

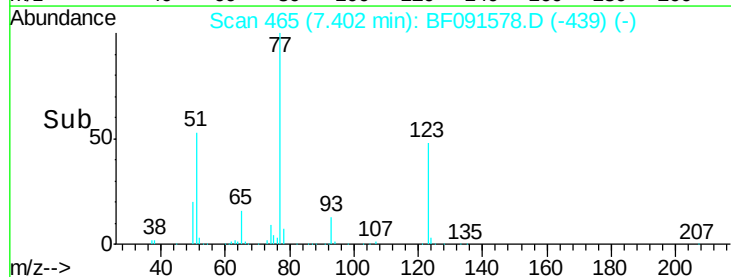
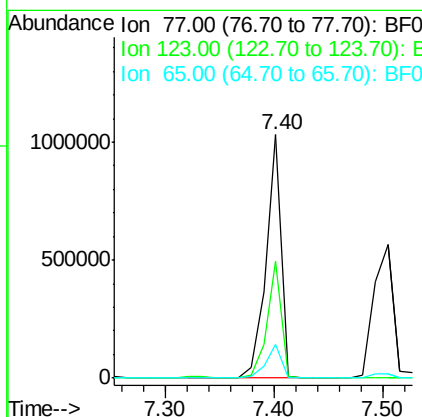
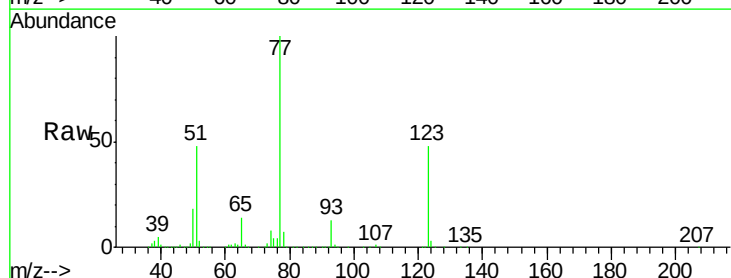
Instrument :
 BNA_F
 ClientSampleId :

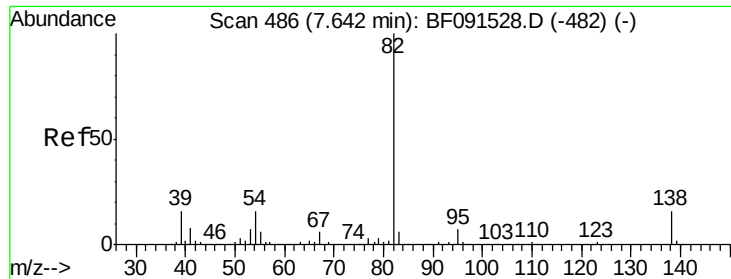
Tgt Ion: 82 Resp: 1749773
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.8 47.6
 54 50.5 49.1 73.7



#24
 Nitrobenzene
 Concen: 30.49 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion: 77 Resp: 998307
 Ion Ratio Lower Upper
 77 100
 123 48.0 28.5 42.7#
 65 13.6 12.5 18.7





#25

Isophorone

Concen: 30.58 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

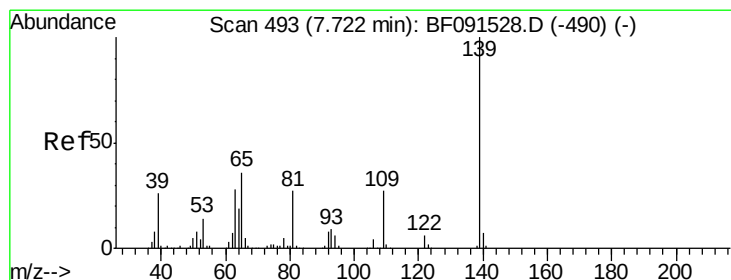
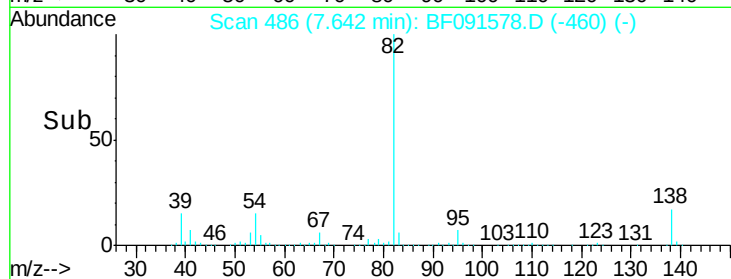
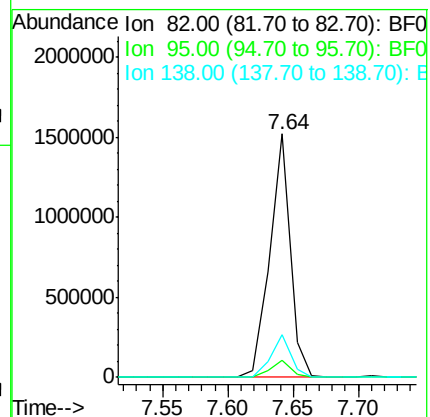
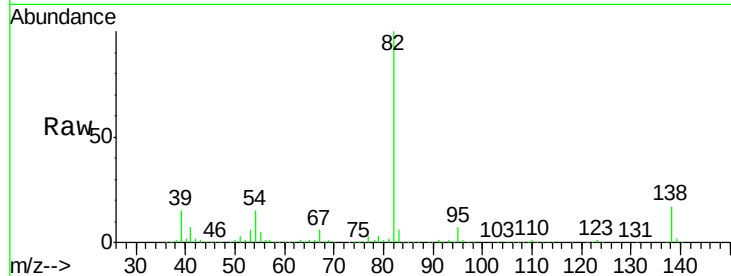
Tgt Ion: 82 Resp: 1684480

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 17.3 13.4 20.0



#26

2-Nitrophenol

Concen: 31.32 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

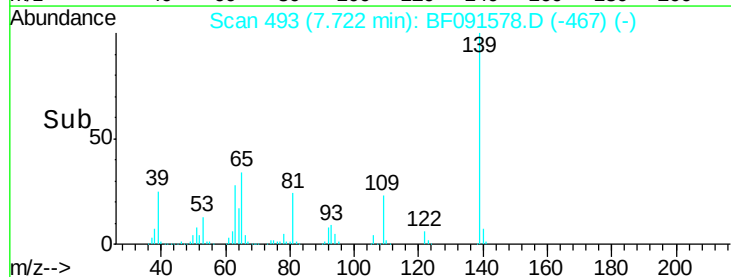
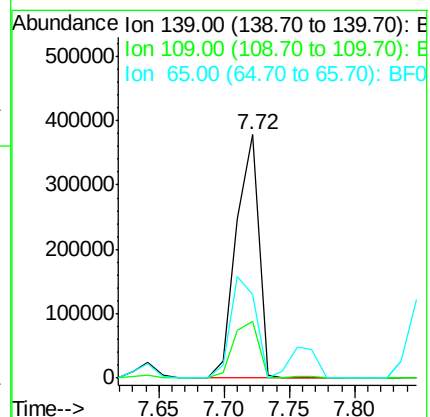
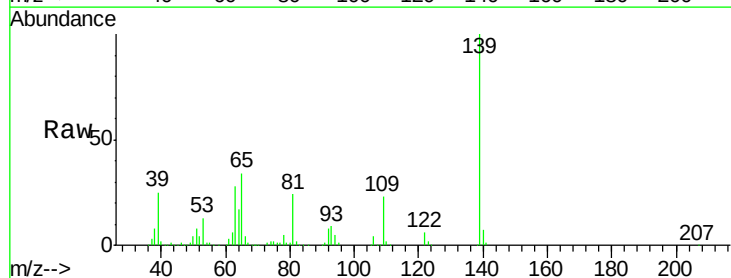
Tgt Ion: 139 Resp: 452605

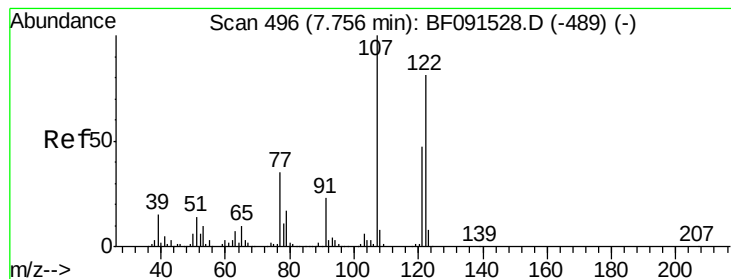
Ion Ratio Lower Upper

139 100

109 23.5 25.3 37.9#

65 34.3 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 31.48 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampled :

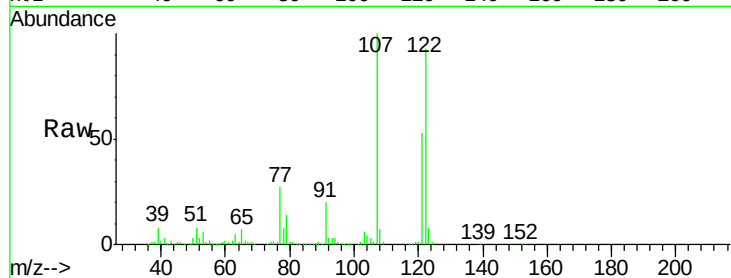
Tgt Ion:122 Resp: 798918

Ion Ratio Lower Upper

122 100

107 107.4 96.8 145.2

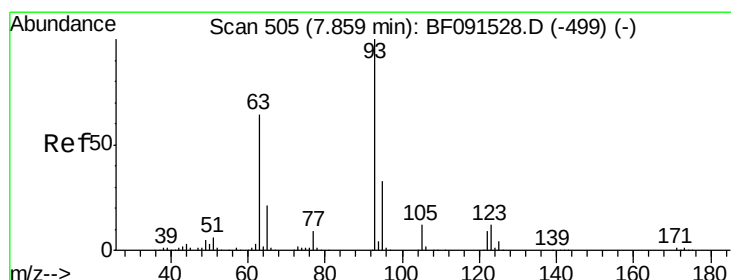
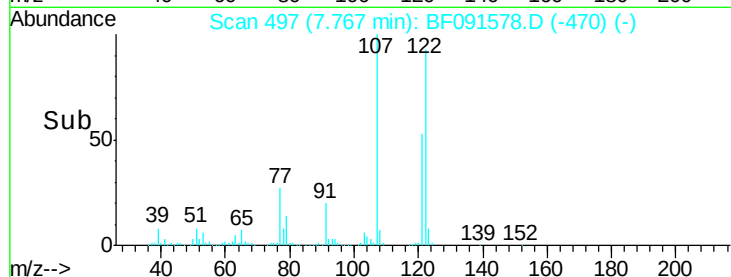
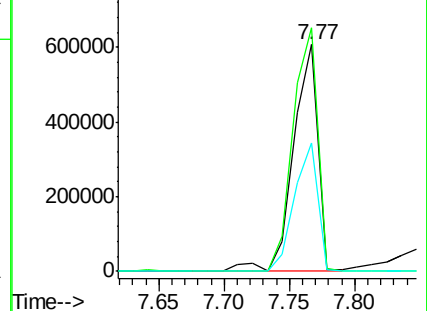
121 56.9 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.47 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

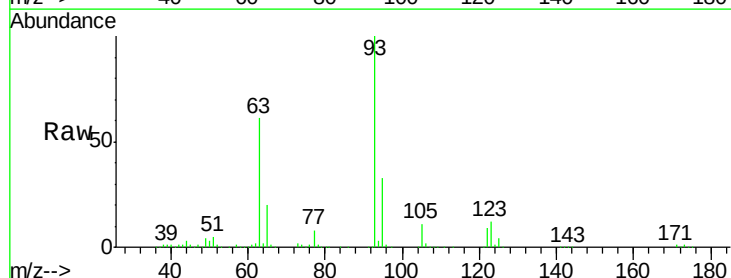
Tgt Ion: 93 Resp: 1113668

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

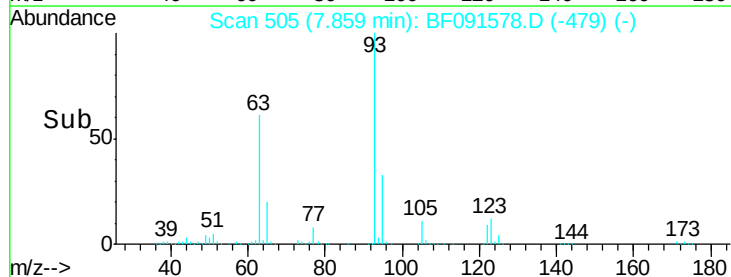
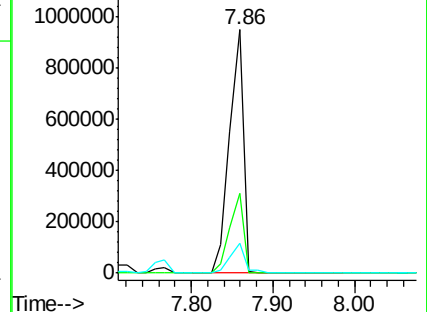
123 12.2 8.6 12.8

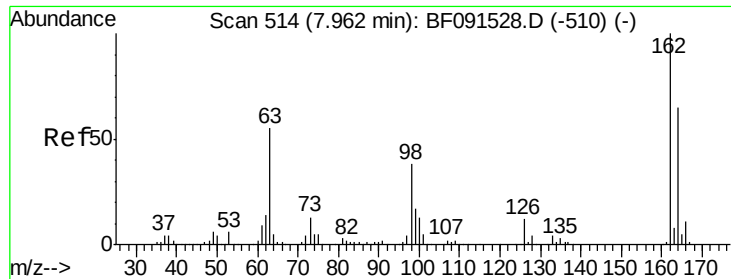


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

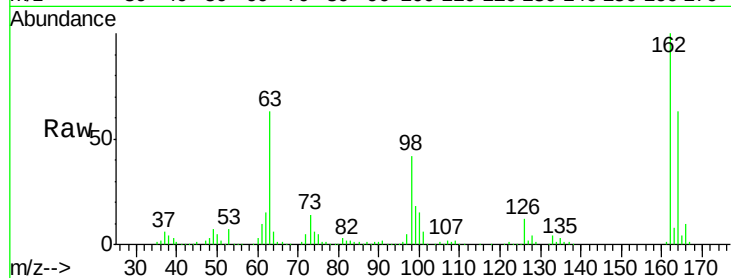




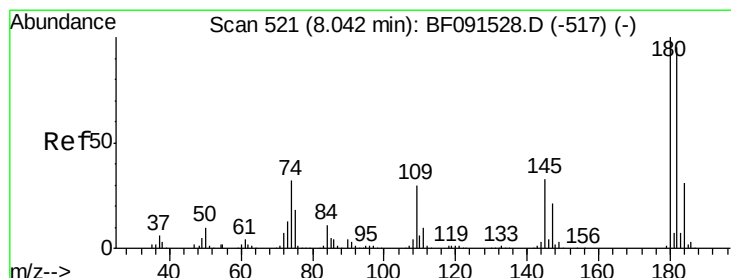
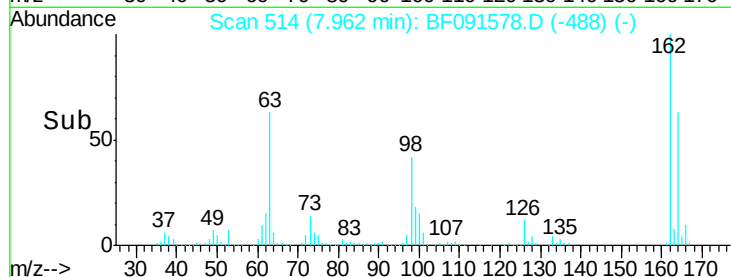
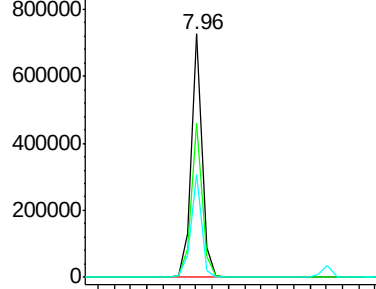
#29
2,4-Dichlorophenol
Concen: 30.07 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Instrument :
BNA_F
ClientSampled :

Tgt Ion:162 Resp: 663911
Ion Ratio Lower Upper
162 100
164 63.5 45.0 85.0
98 42.4 21.3 61.3

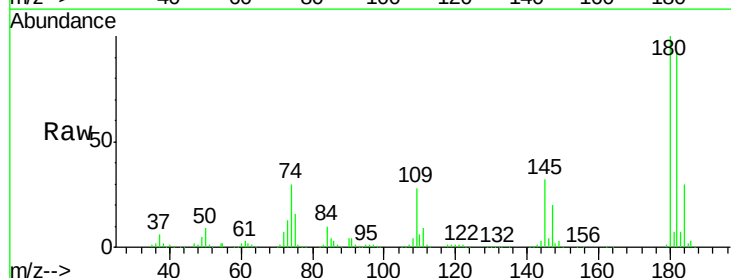


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

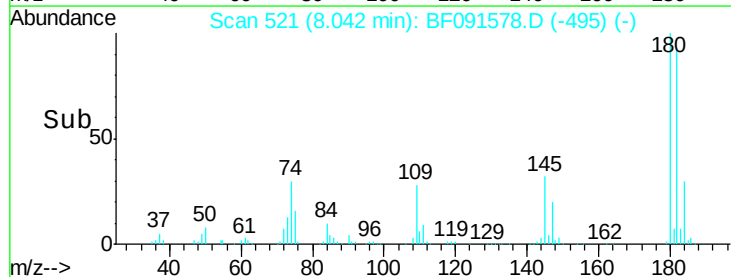
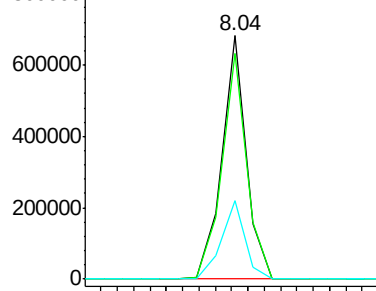


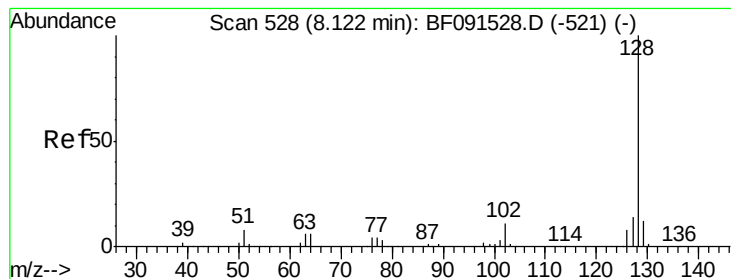
#30
1,2,4-Trichlorobenzene
Concen: 28.08 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion:180 Resp: 704589
Ion Ratio Lower Upper
180 100
182 92.9 75.8 113.8
145 32.0 27.0 40.4



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





#31

Naphthalene

Concen: 27.98 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

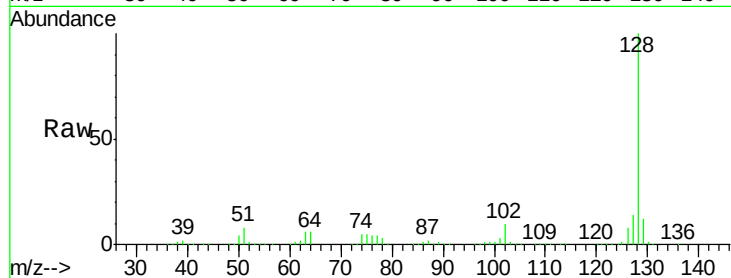
Tgt Ion:128 Resp: 2251275

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

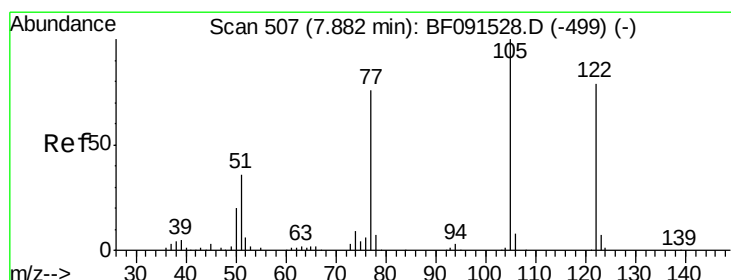
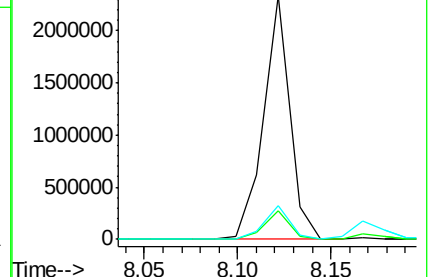
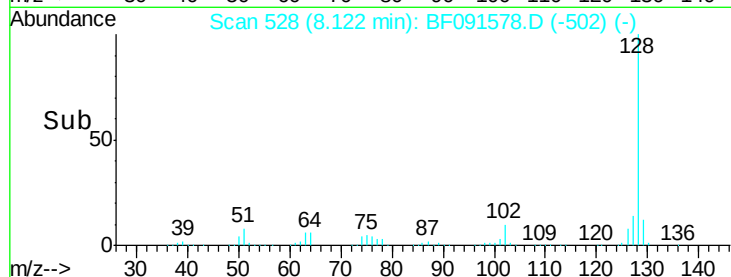
127 13.6 11.0 16.4



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: 24.70 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

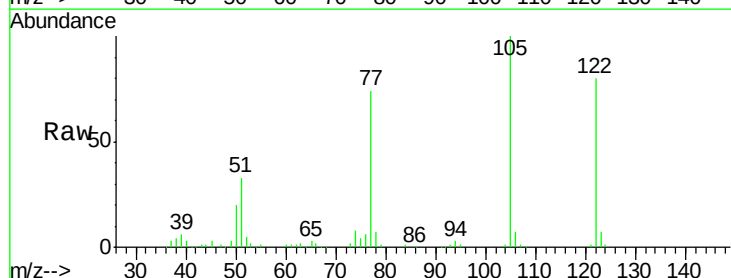
Tgt Ion:122 Resp: 401586

Ion Ratio Lower Upper

122 100

105 124.9 113.0 153.0

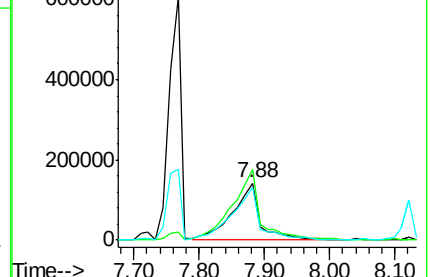
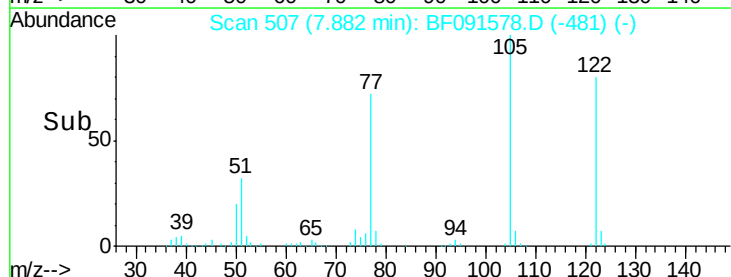
77 92.6 82.0 122.0

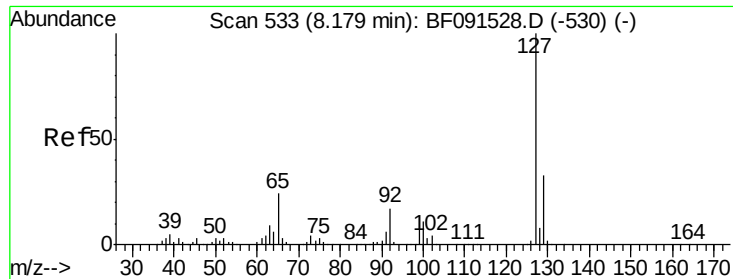


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

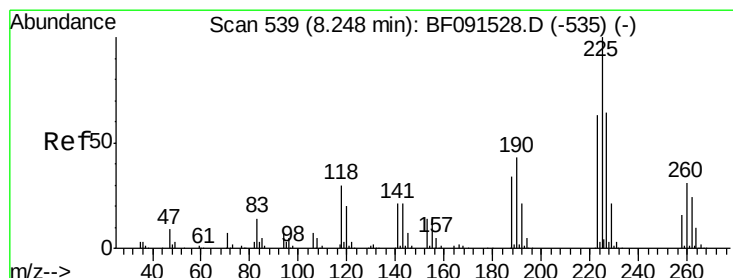
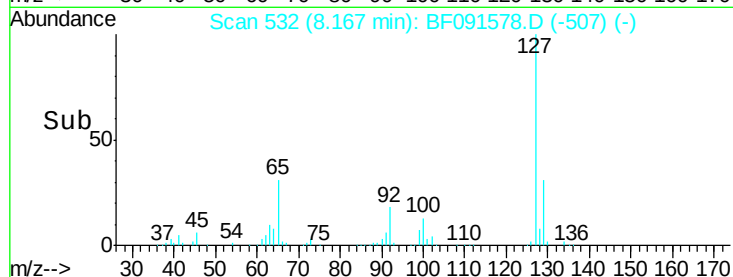
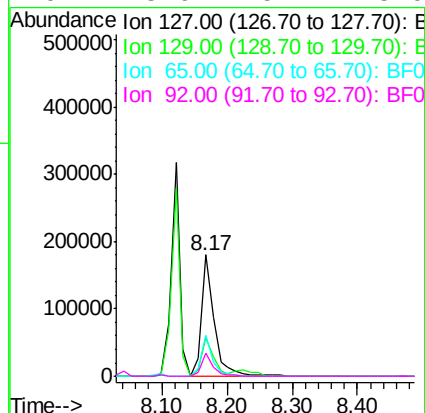
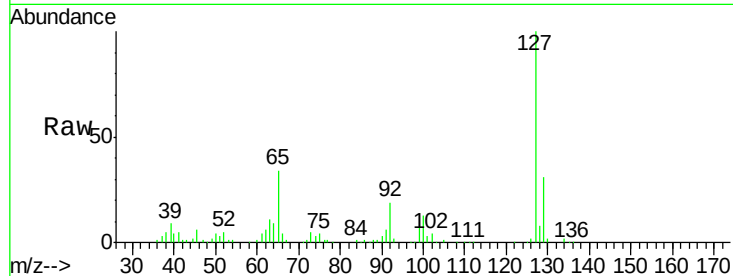




#33
4-Chloroaniline
Concen: 6.96 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

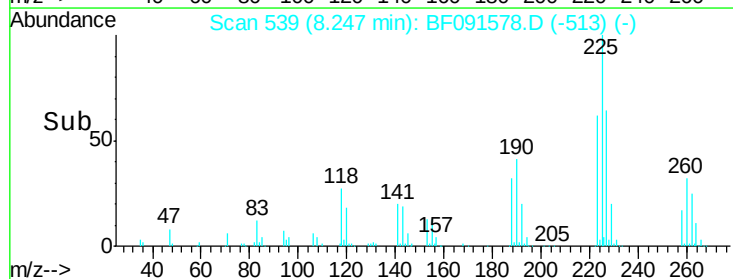
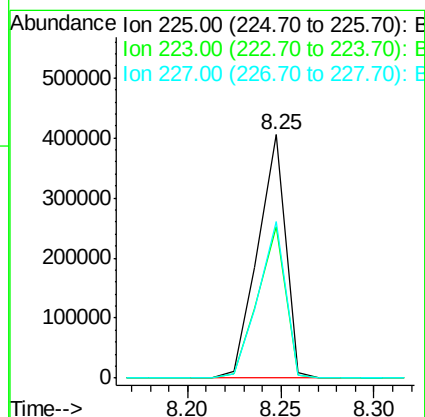
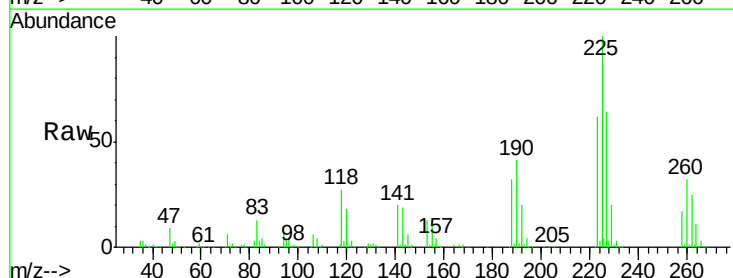
Instrument :
BNA_F
ClientSampleId :

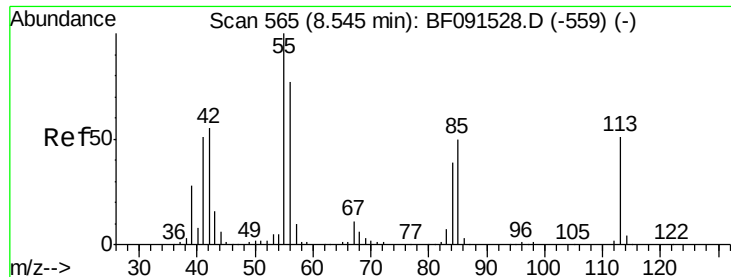
Tgt Ion:	127	Resp:	241299
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.4
65	34.0	26.6	39.8
92	18.6	15.4	23.0



#34
Hexachlorobutadiene
Concen: 28.96 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion:	225	Resp:	416678
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.4	52.6	79.0

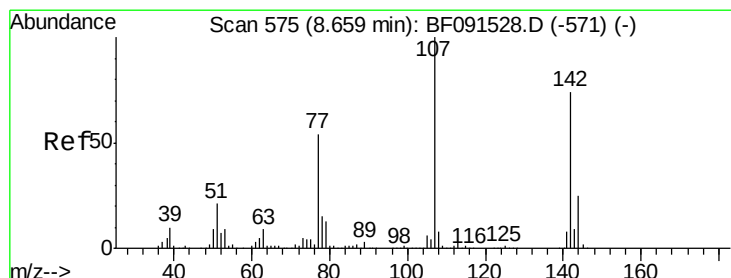
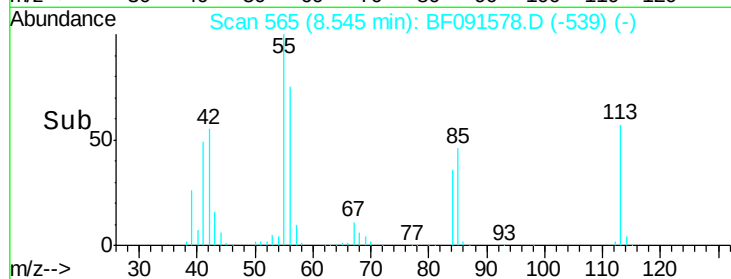
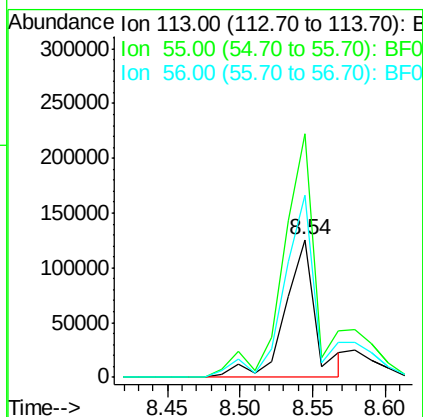
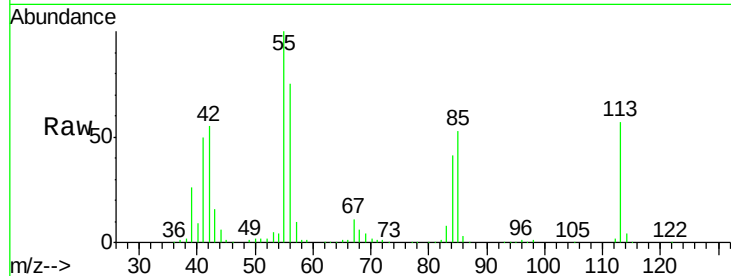




#35
 Caprolactam
 Concen: 28.27 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

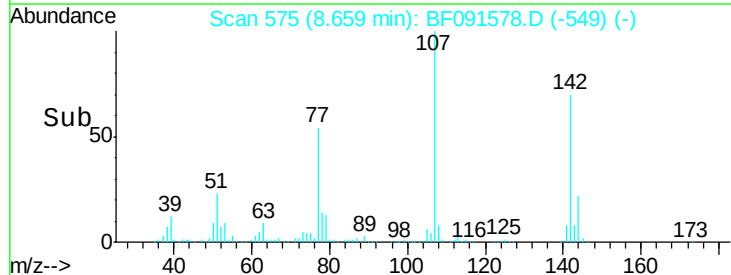
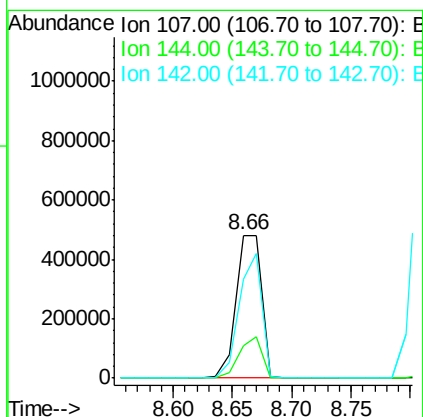
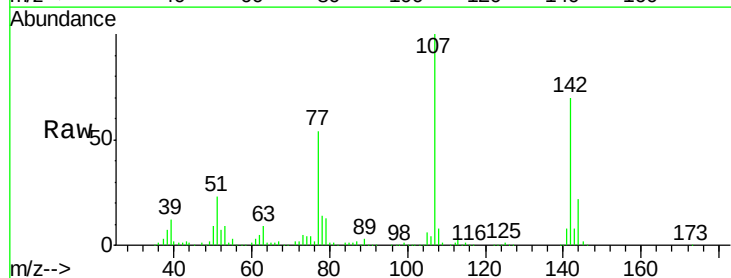
Instrument :
 BNA_F
 ClientSampled :

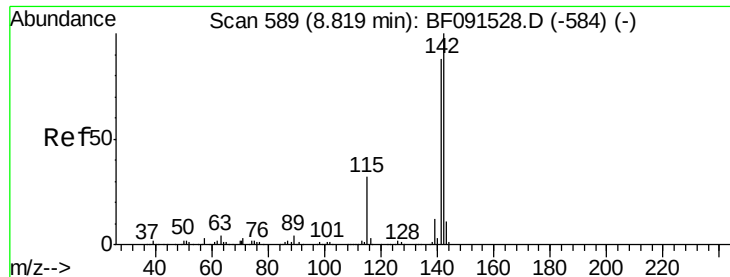
Tgt Ion:113 Resp: 182314
 Ion Ratio Lower Upper
 113 100
 55 176.7 239.8 279.8#
 56 132.1 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 29.33 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:107 Resp: 726270
 Ion Ratio Lower Upper
 107 100
 144 22.4 18.9 28.3
 142 69.6 58.5 87.7

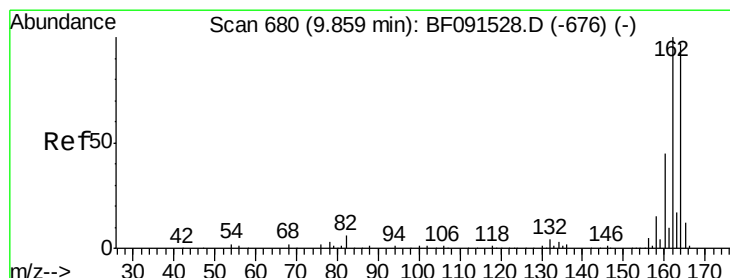
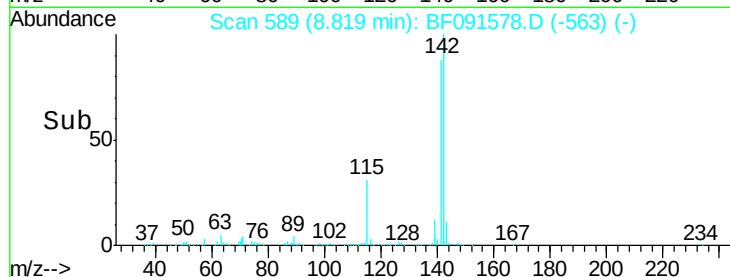
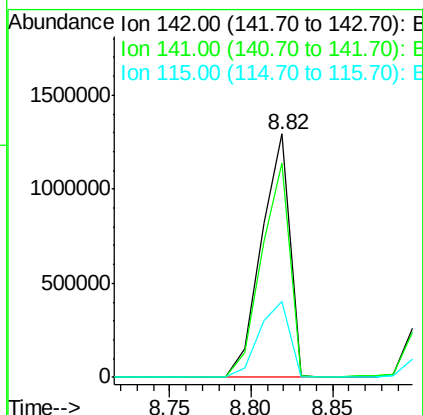
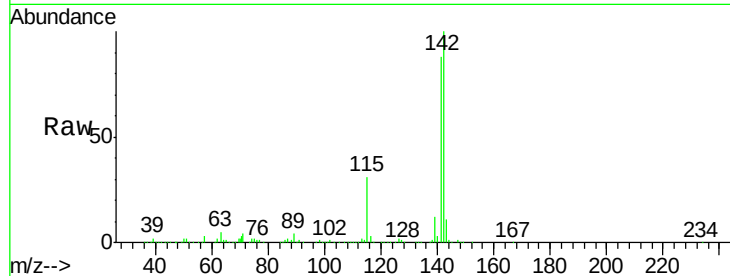




#37
2-Methylnaphthalene
Concen: 29.95 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

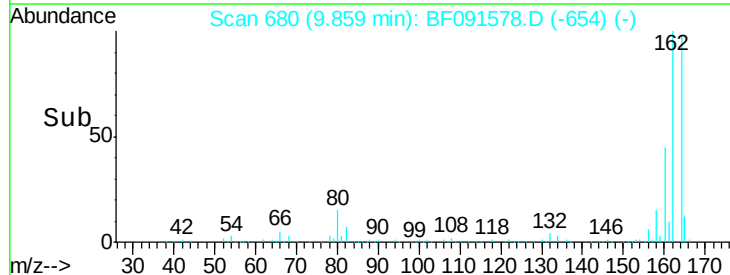
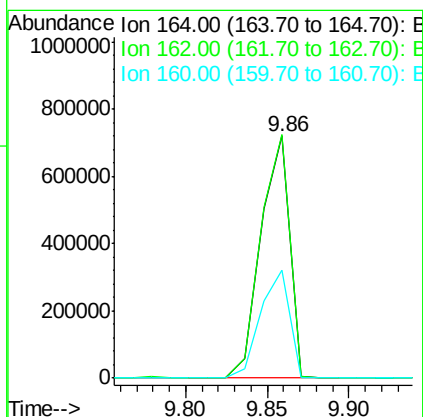
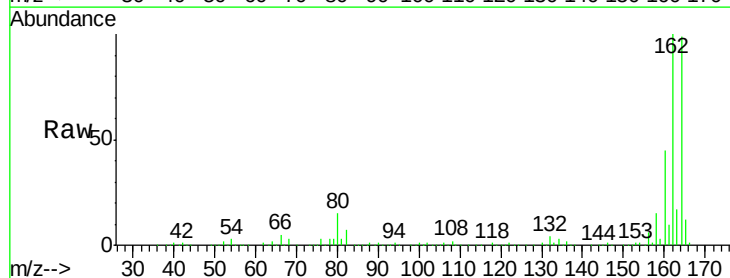
Instrument :
BNA_F
ClientSampleId :

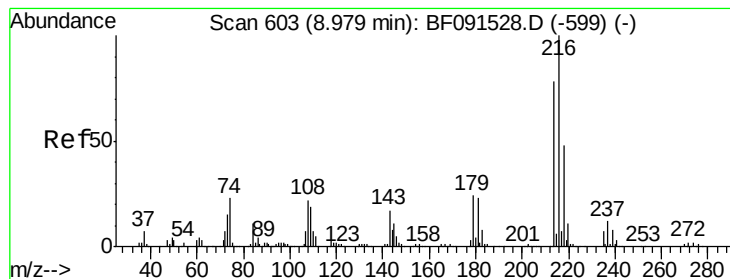
Tgt Ion:142 Resp: 1559788
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5
115 31.0 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion:164 Resp: 884343
Ion Ratio Lower Upper
164 100
162 100.6 82.6 124.0
160 44.8 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.32 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 589875

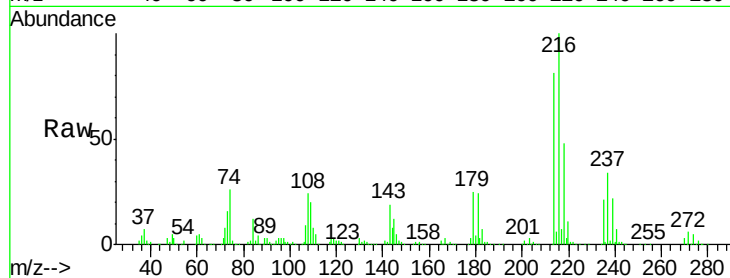
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 23.0 18.2 27.2

108 24.3 17.2 25.8

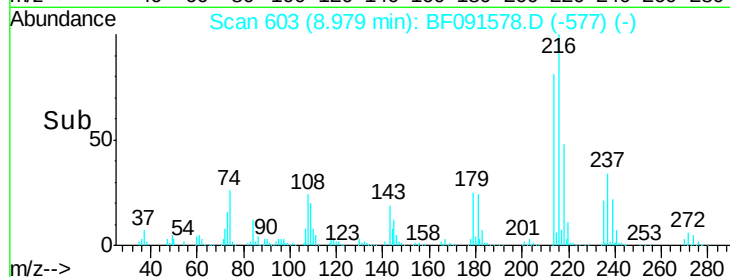


Abundance Ion 216.00 (215.70 to 216.70): E

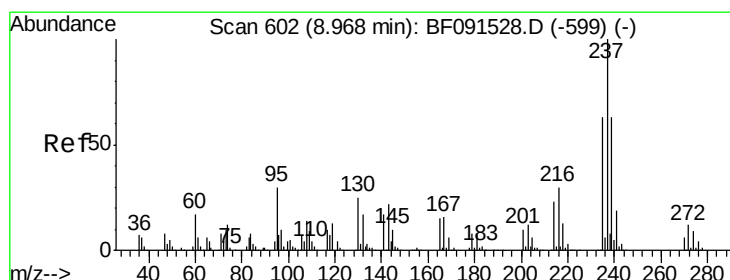
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 47.24 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

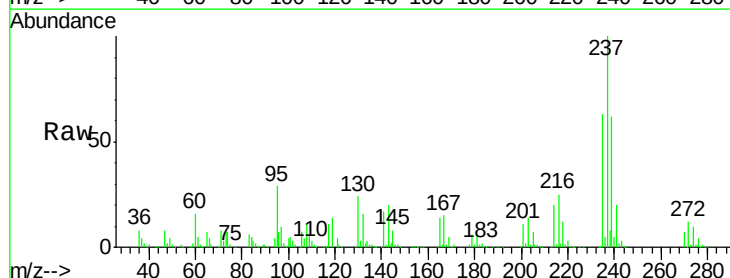
Tgt Ion:237 Resp: 510898

Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

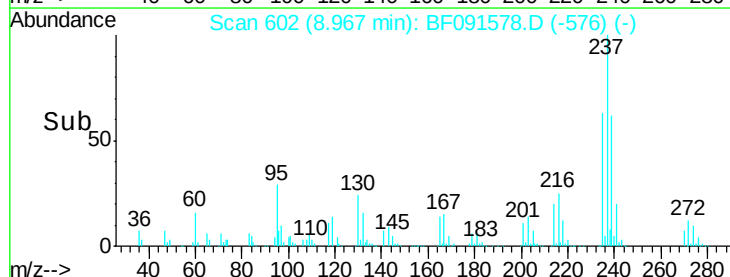
272 12.1 0.0 33.1



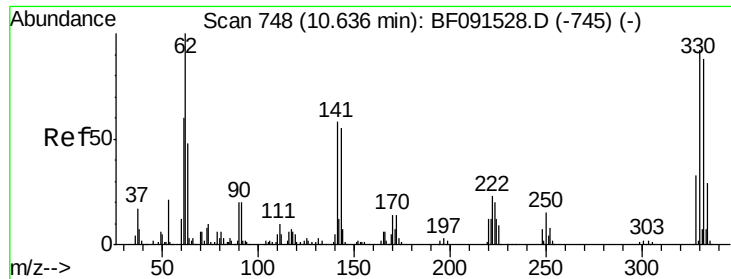
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



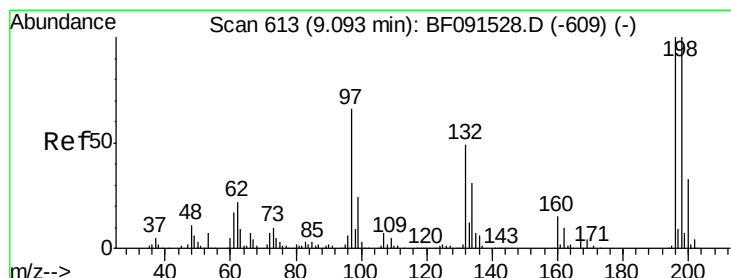
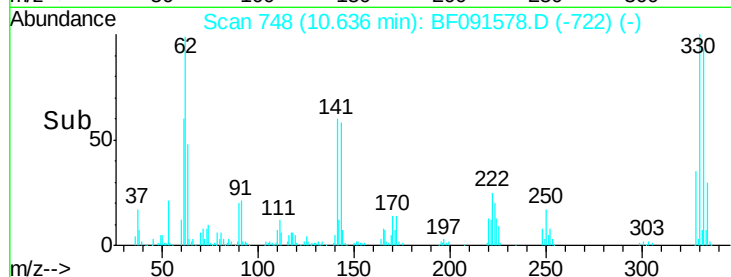
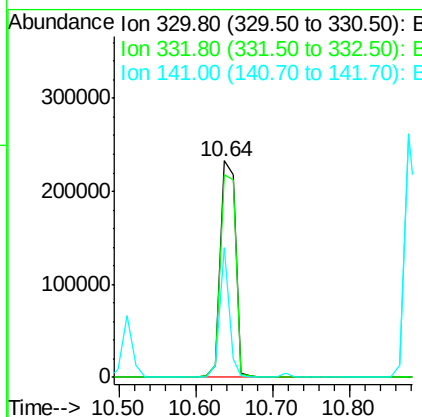
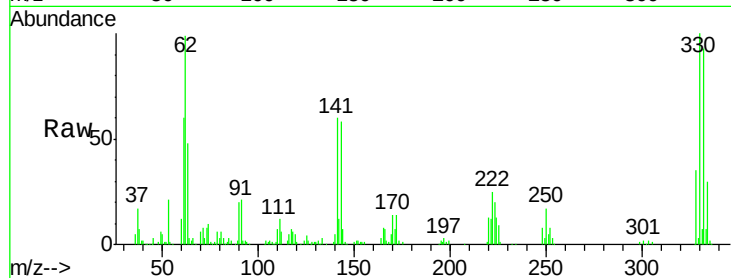
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 44.27 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

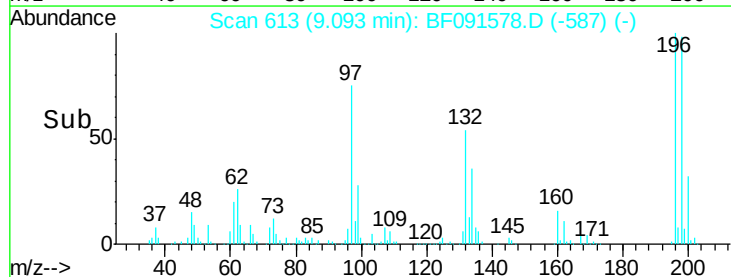
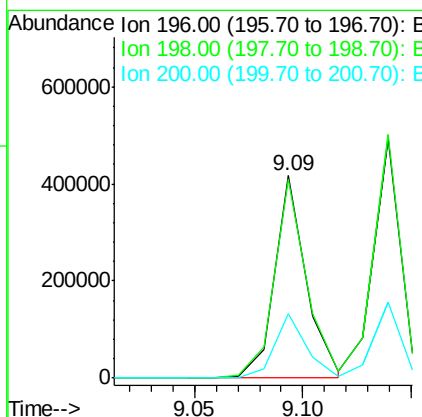
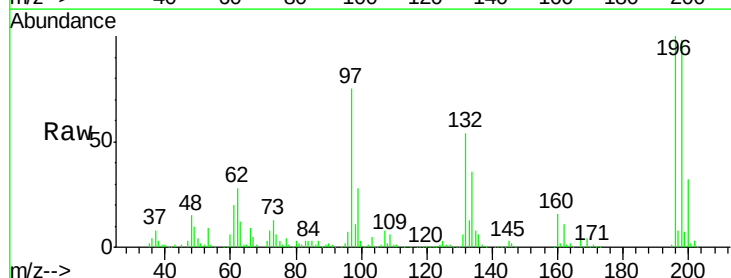
Instrument :
 BNA_F
 ClientSampleId :

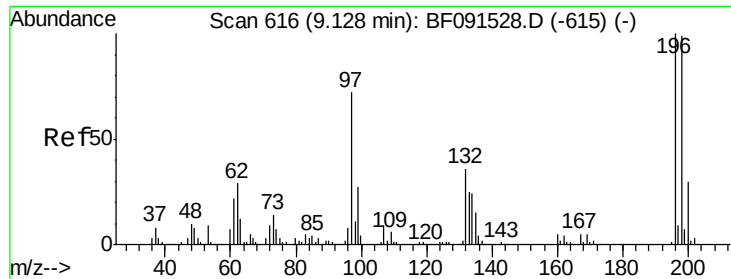
Tgt Ion:330 Resp: 325183
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 37.0 33.6 50.4



#42
 2,4,6-Trichlorophenol
 Concen: 27.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:196 Resp: 426537
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.4 116.0
 200 31.5 25.2 37.8

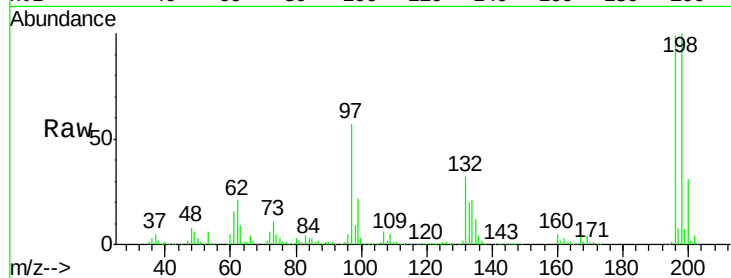




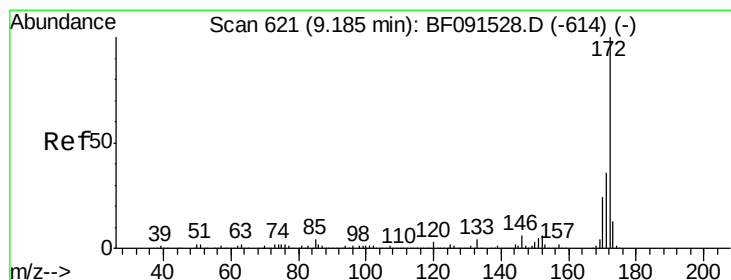
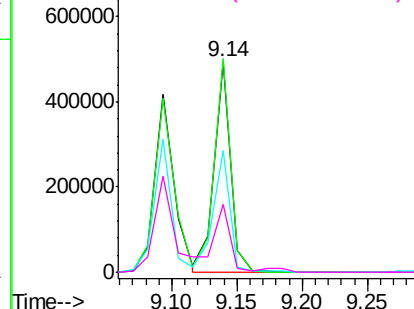
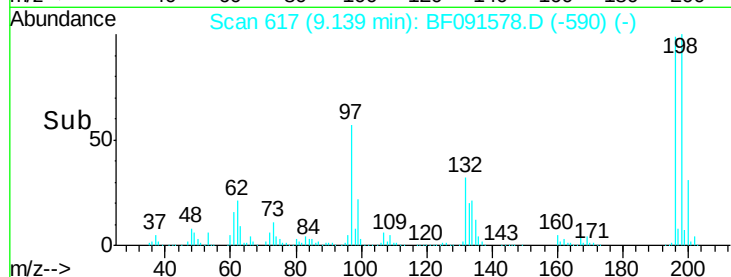
#43
 2,4,5-Trichlorophenol
 Concen: 27.13 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:196 Resp: 434532
 Ion Ratio Lower Upper
 196 100
 198 101.5 77.0 115.6
 97 57.8 33.5 50.3#
 132 32.5 20.5 30.7#

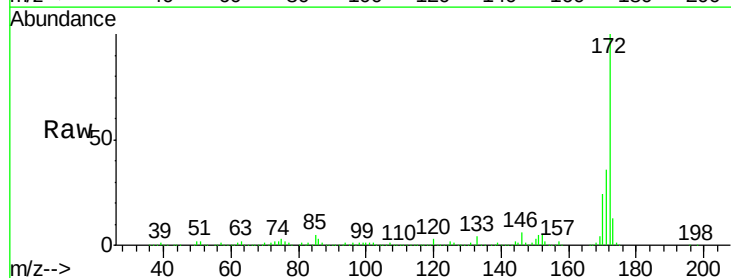


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

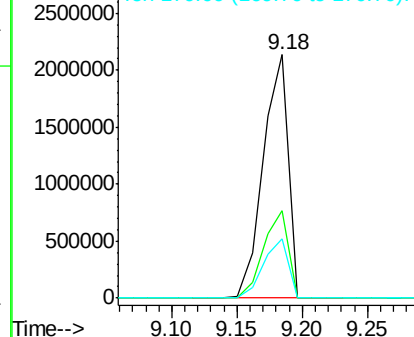
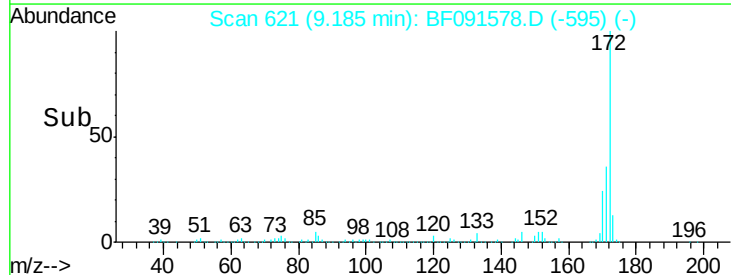


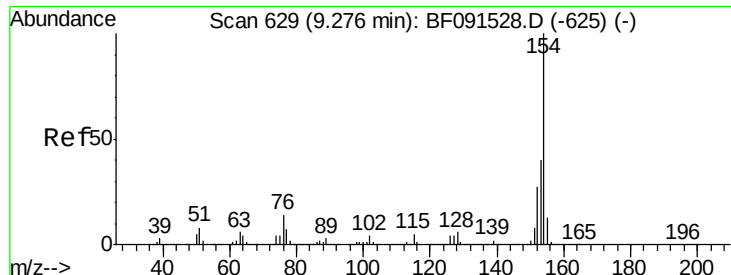
#44
 2-Fluorobiphenyl
 Concen: 55.64 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:172 Resp: 2847677
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.3 19.7 29.5



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

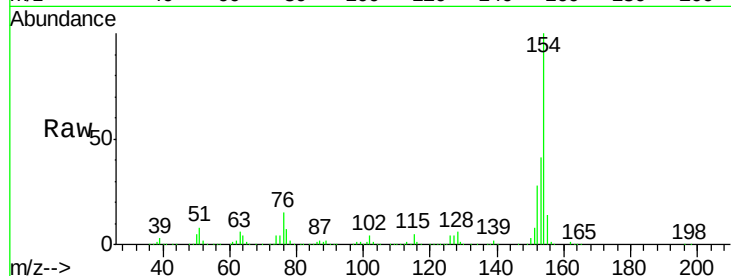




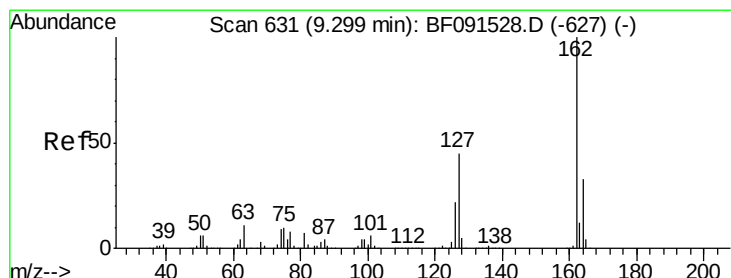
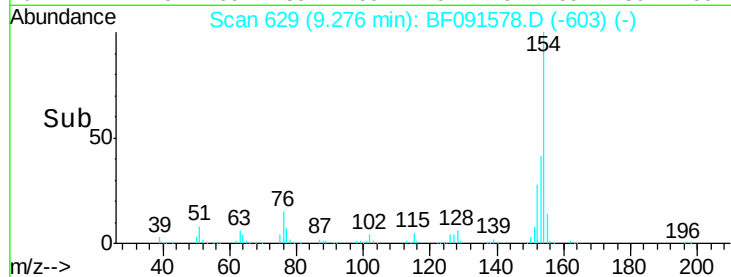
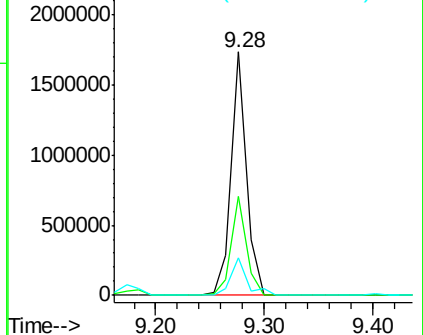
#45
 1,1'-Biphenyl
 Concen: 26.18 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:154 Resp: 1676653
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 15.2 0.0 36.6

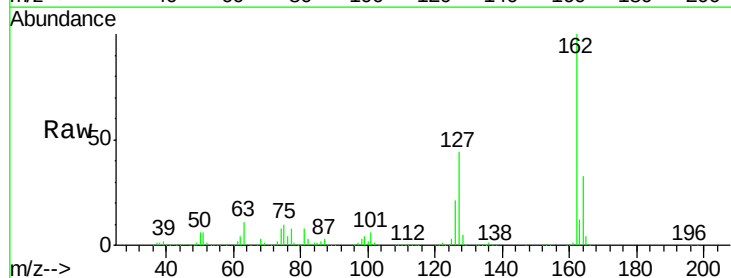


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

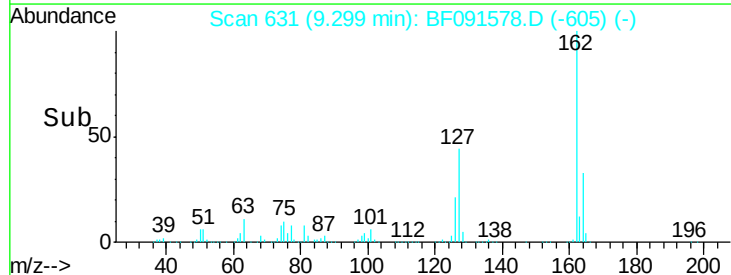
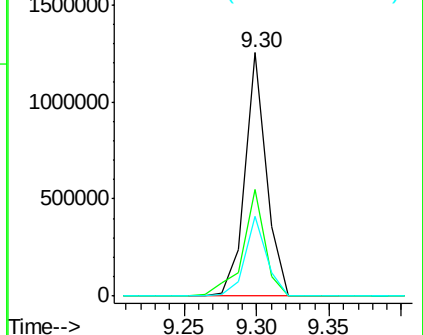


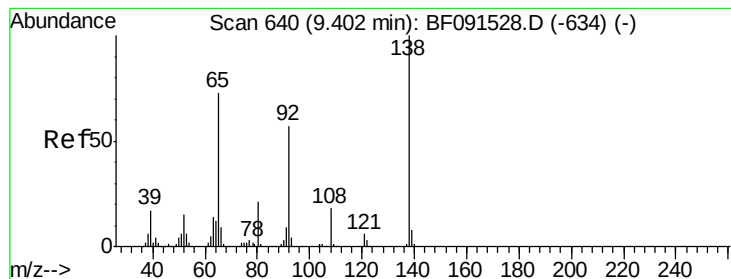
#46
 2-Chloronaphthalene
 Concen: 25.90 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:162 Resp: 1284633
 Ion Ratio Lower Upper
 162 100
 127 44.0 34.3 51.5
 164 32.9 26.6 40.0



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: 28.12 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

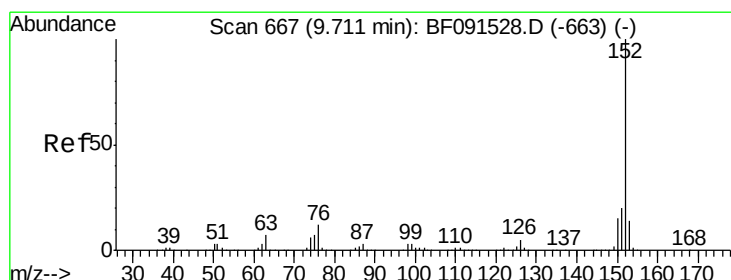
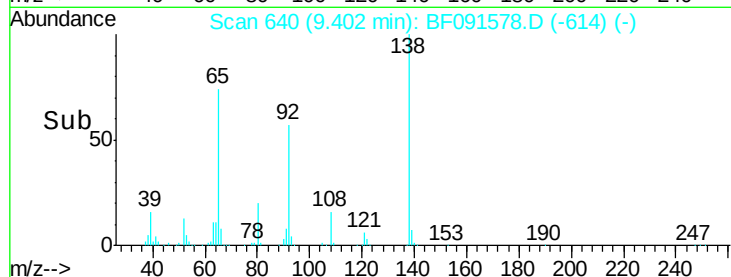
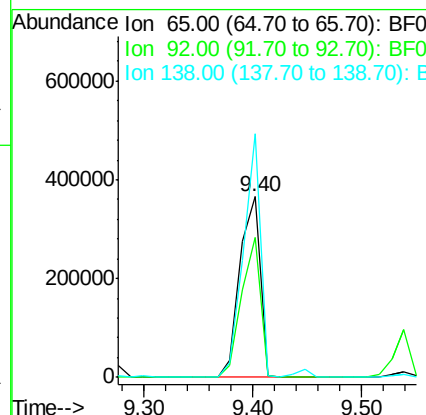
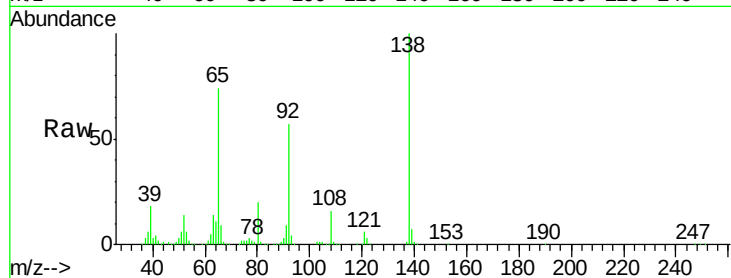
Tgt Ion: 65 Resp: 468992

Ion Ratio Lower Upper

65 100

92 77.4 53.6 80.4

138 134.8 91.0 136.6



#48

Acenaphthylene

Concen: 27.24 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

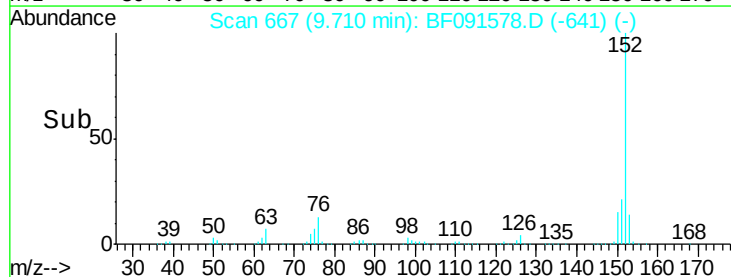
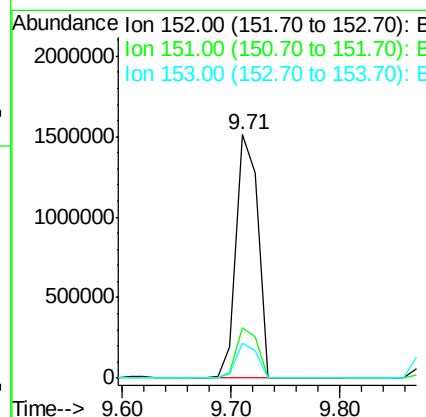
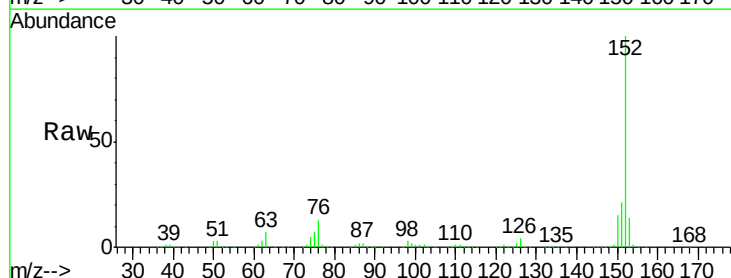
Tgt Ion: 152 Resp: 2059285

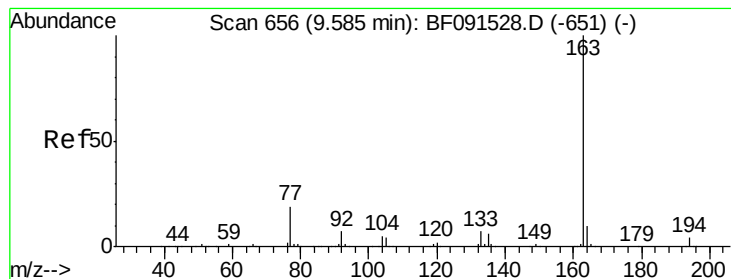
Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

153 14.3 10.7 16.1





#49

Dimethylphthalate

Concen: 29.73 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

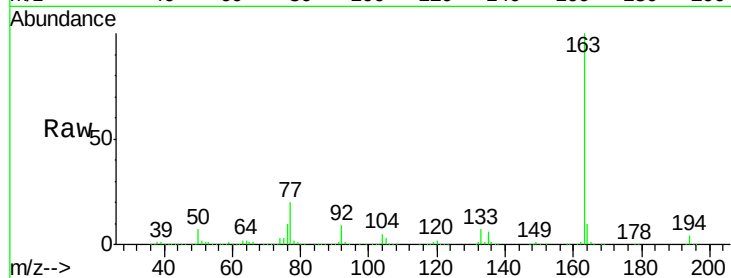
Tgt Ion:163 Resp: 1664499

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

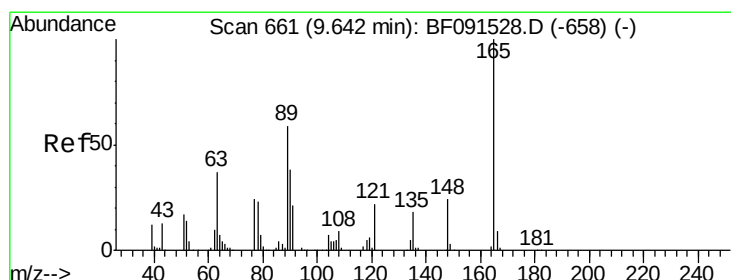
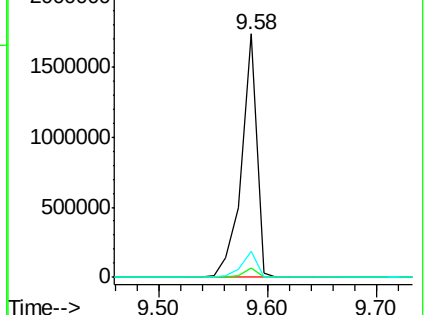
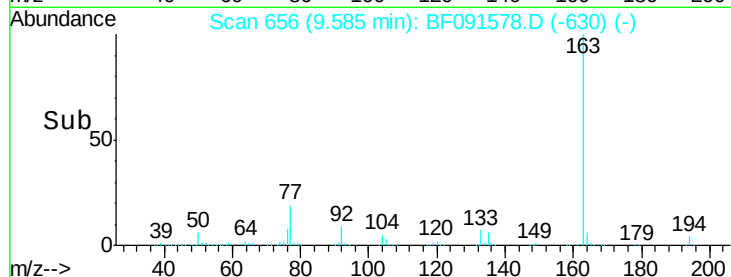
164 10.5 7.8 11.8



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: 30.01 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

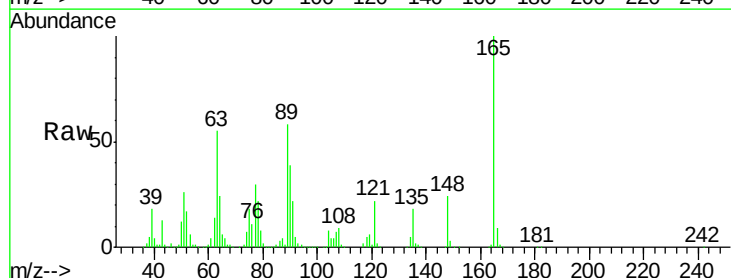
Tgt Ion:165 Resp: 368809

Ion Ratio Lower Upper

165 100

63 54.7 59.4 89.0#

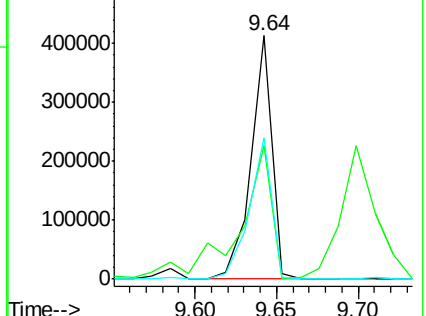
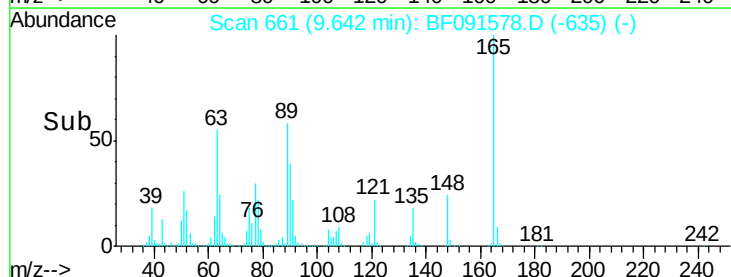
89 58.2 50.8 76.2

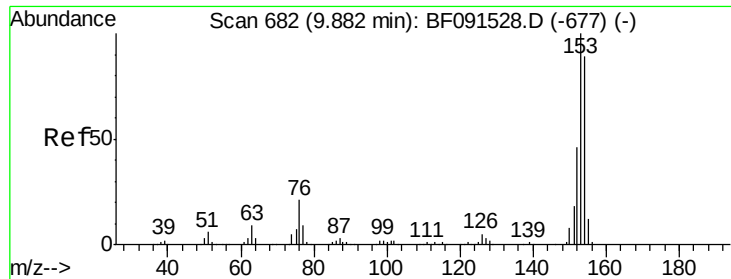


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.53 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

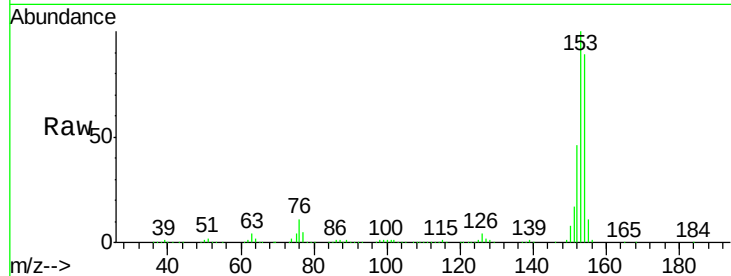
Tgt Ion:154 Resp: 1393356

Ion Ratio Lower Upper

154 100

153 112.8 91.0 136.6

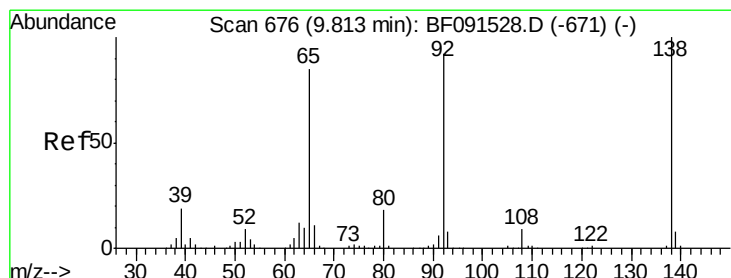
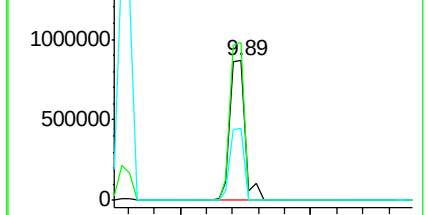
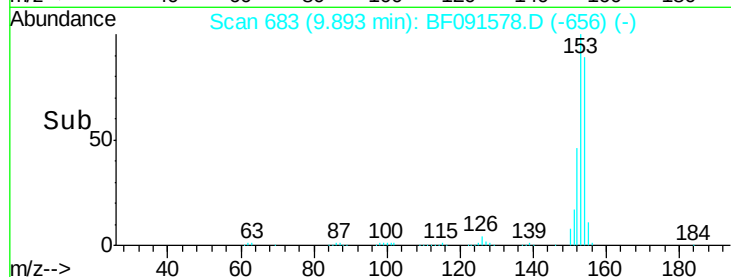
152 51.7 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.80 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

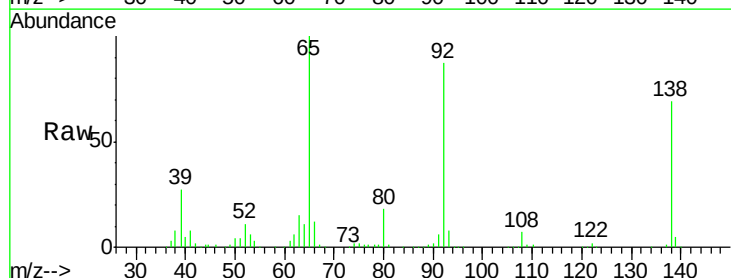
Tgt Ion:138 Resp: 170410

Ion Ratio Lower Upper

138 100

108 10.6 8.1 12.1

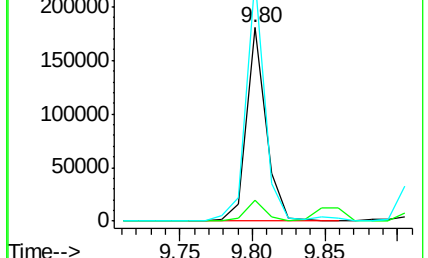
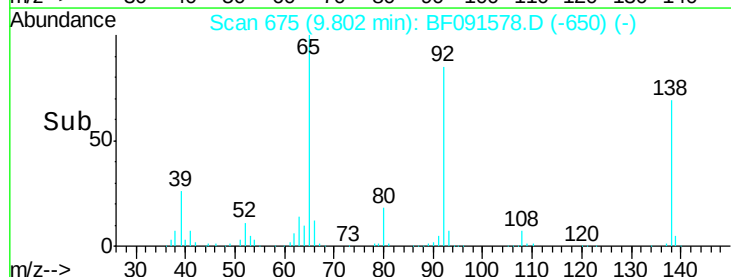
92 126.0 92.5 138.7

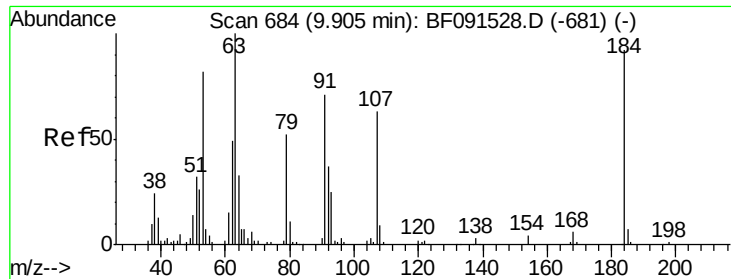


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

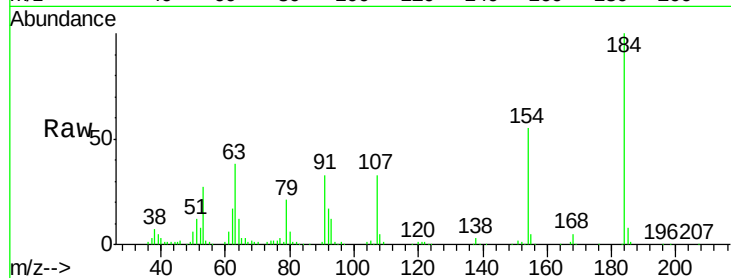




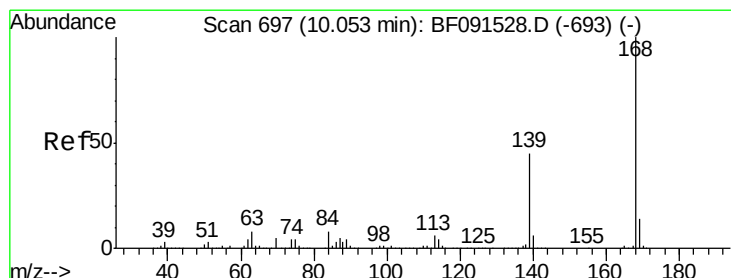
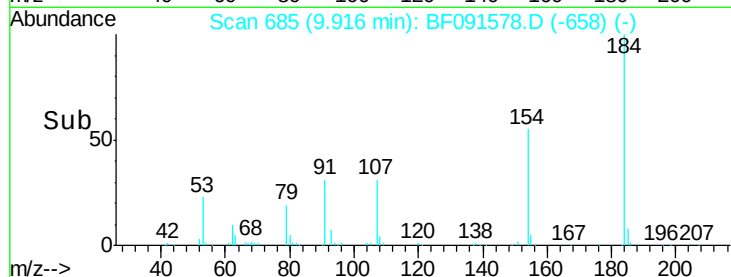
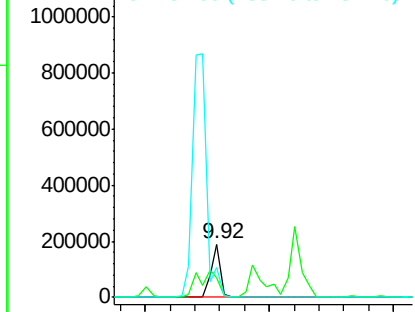
#53
2,4-Dinitrophenol
Concen: 37.22 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Instrument :
BNA_F
ClientSampled :

Tgt Ion:184 Resp: 201398
Ion Ratio Lower Upper
184 100
63 37.9 58.3 87.5#
154 55.0 48.6 73.0

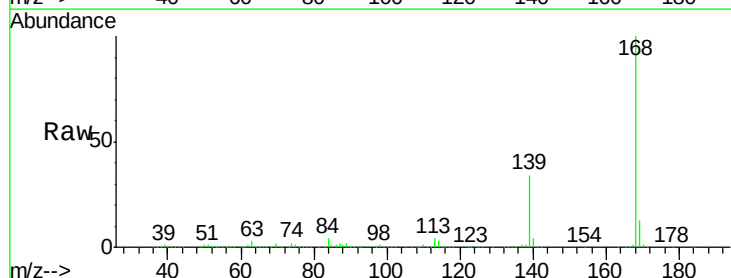


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

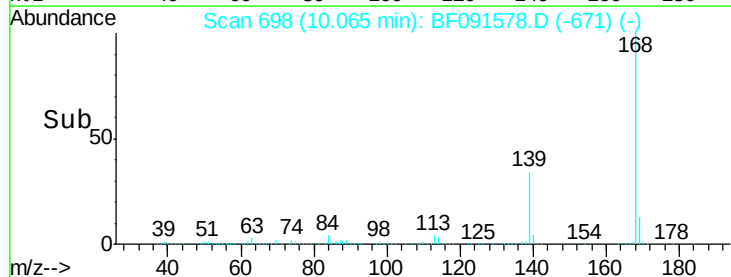
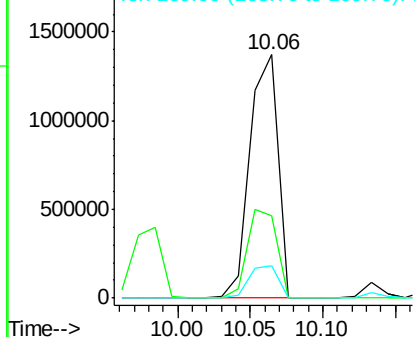


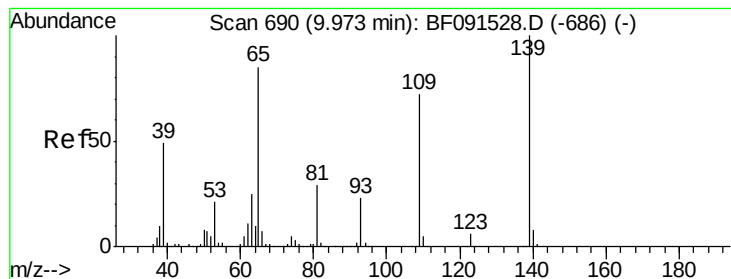
#54
Dibenzofuran
Concen: 28.35 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion:168 Resp: 1842078
Ion Ratio Lower Upper
168 100
139 34.1 33.4 50.2
169 13.1 11.1 16.7



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: 52.02 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

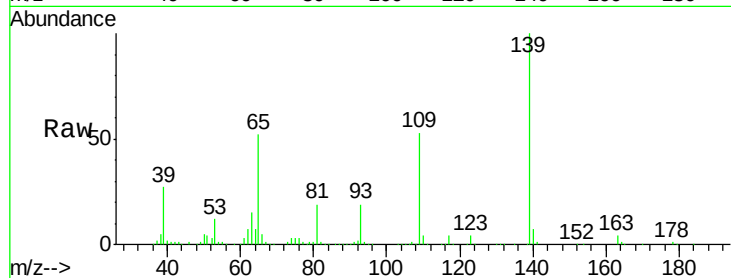
Tgt Ion:139 Resp: 558808

Ion Ratio Lower Upper

139 100

109 53.4 54.9 94.9#

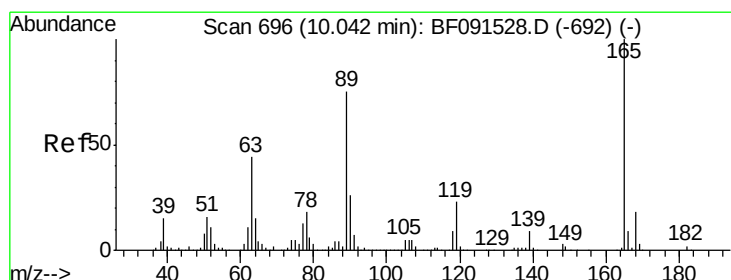
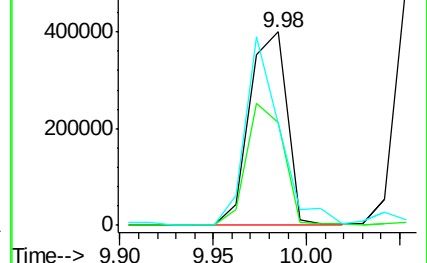
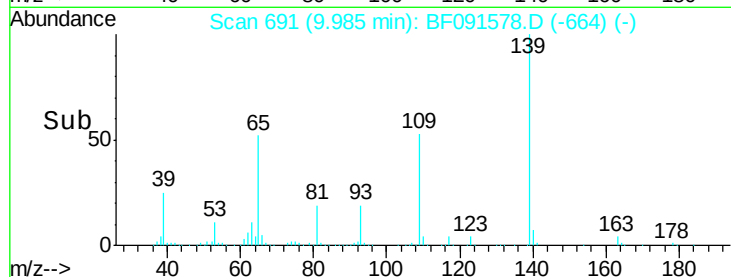
65 52.3 102.2 142.2#



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: 29.52 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Tgt Ion:165 Resp: 454789

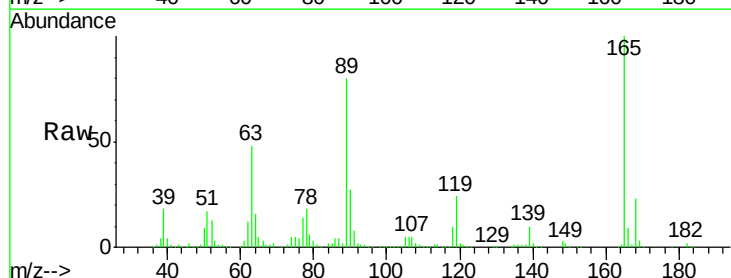
Ion Ratio Lower Upper

165 100

63 48.4 29.0 43.4#

89 80.4 43.1 64.7#

182 2.1 1.9 2.9

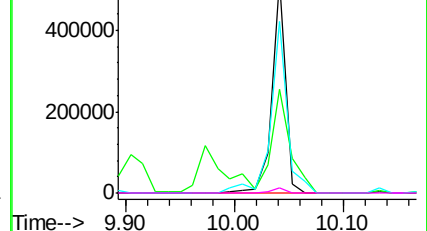
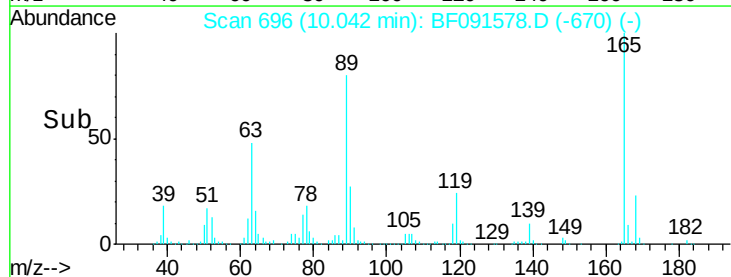


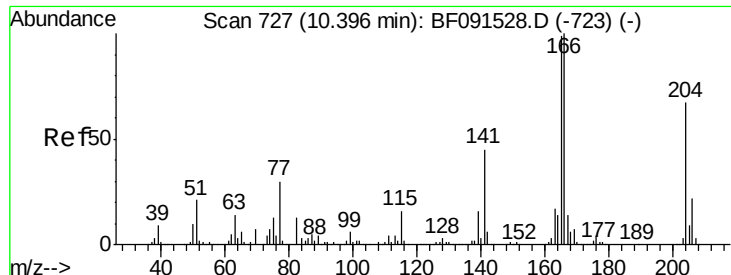
Abundance Ion 165.00 (164.70 to 165.70): E

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

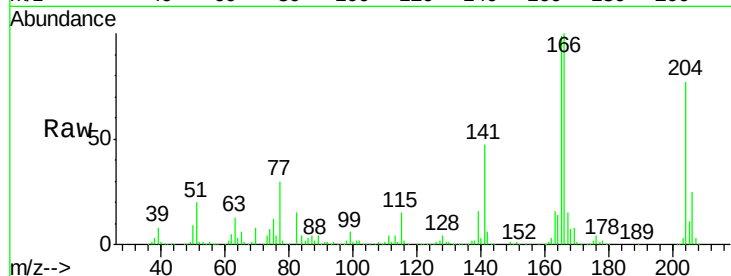




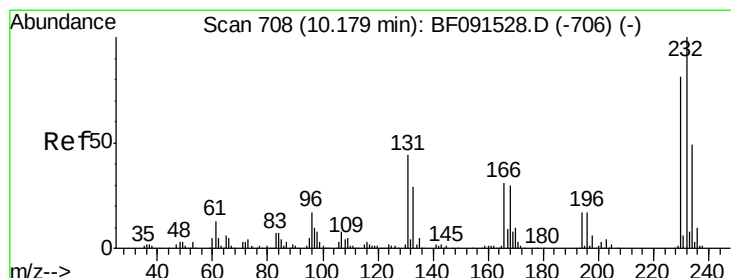
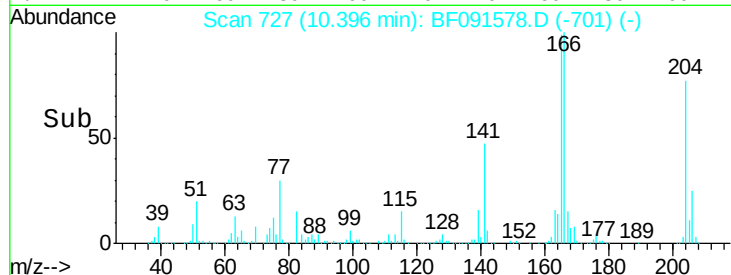
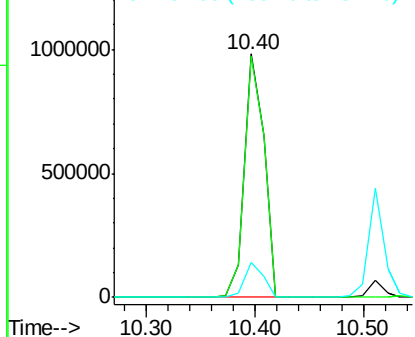
#57
 Fluorene
 Concen: 23.99 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:166 Resp: 1221598
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.0 120.0
 167 14.5 10.8 16.2

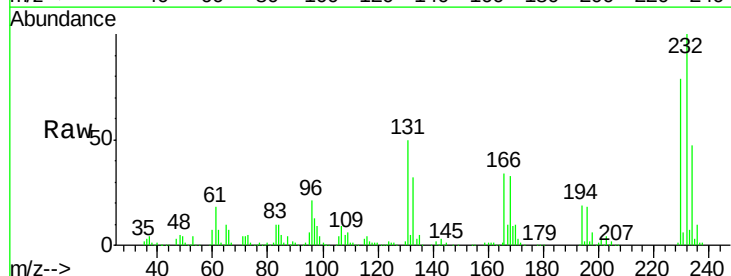


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

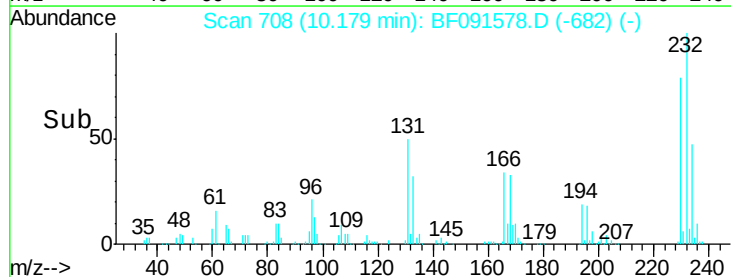
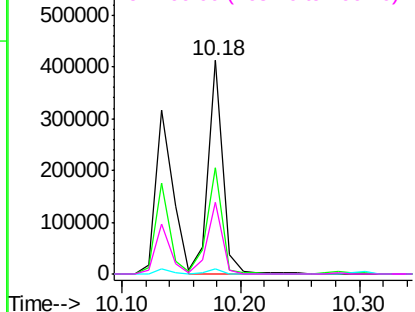


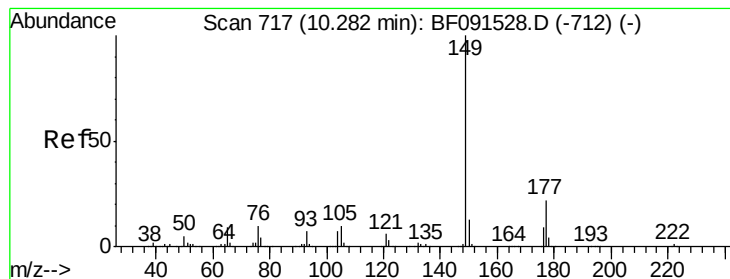
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.94 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:232 Resp: 350379
 Ion Ratio Lower Upper
 232 100
 131 52.6 38.4 57.6
 130 2.6 1.8 2.8
 166 33.8 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 29.49 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

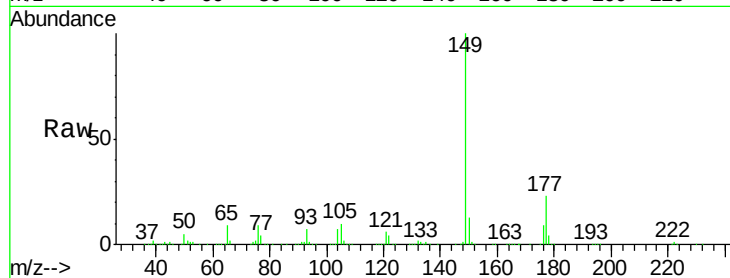
Tgt Ion:149 Resp: 1590158

Ion Ratio Lower Upper

149 100

177 22.5 15.7 23.5

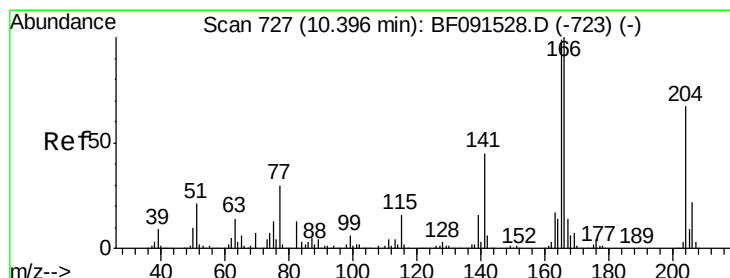
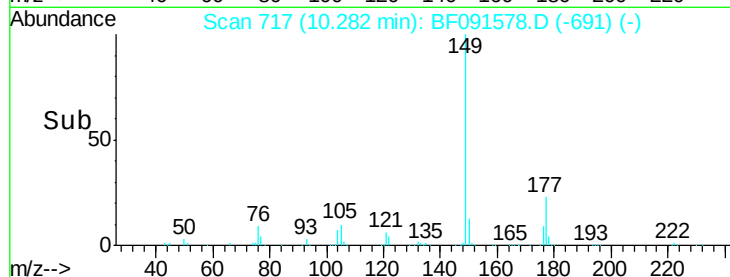
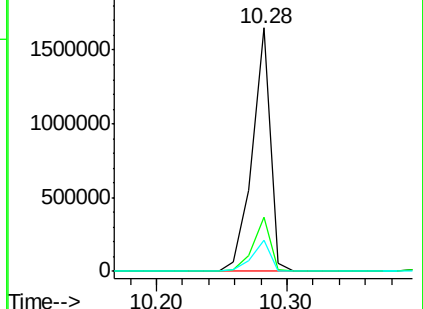
150 12.6 10.2 15.2



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: 27.91 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

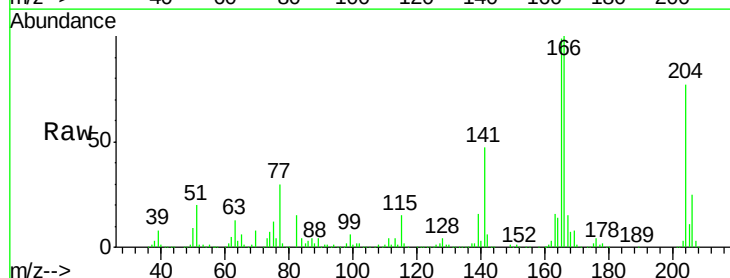
Tgt Ion:204 Resp: 652129

Ion Ratio Lower Upper

204 100

206 31.9 26.1 39.1

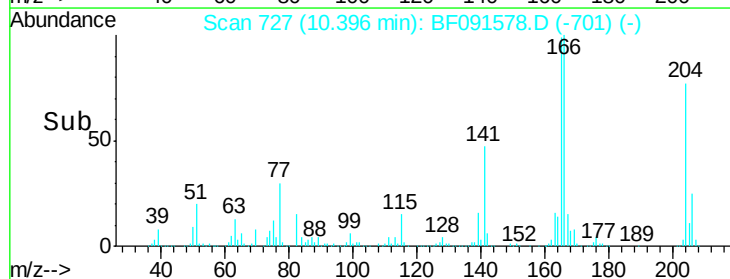
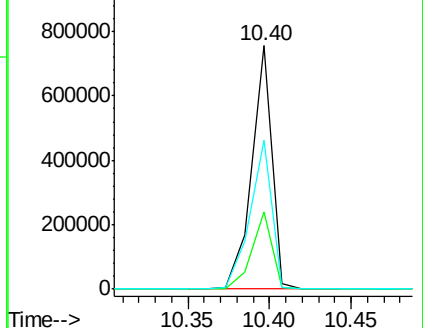
141 61.1 40.6 61.0#

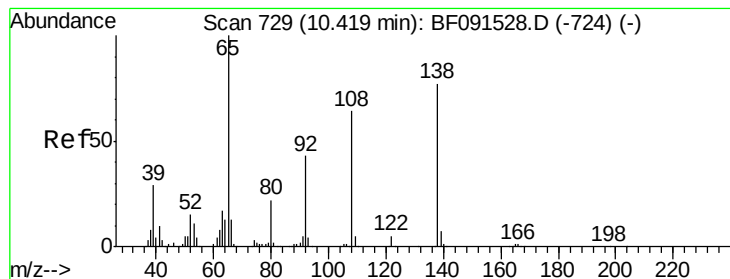


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 23.03 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

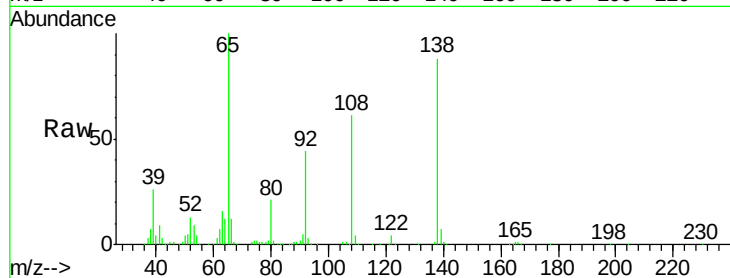
Tgt Ion:138 Resp: 330466

Ion Ratio Lower Upper

138 100

92 50.1 26.9 66.9

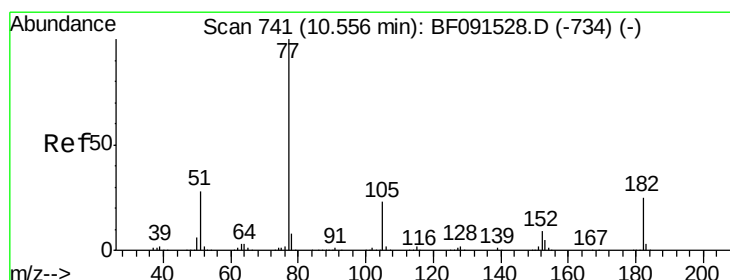
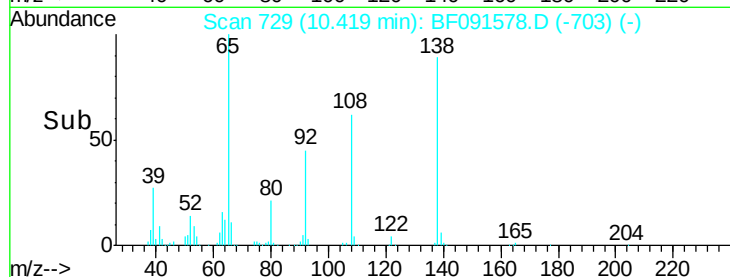
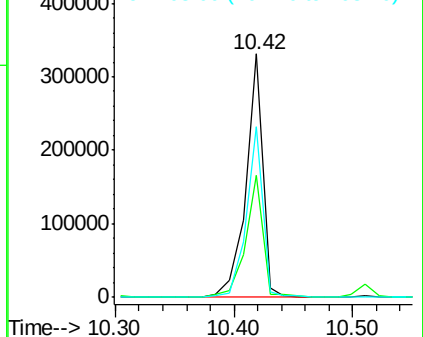
108 69.9 49.1 89.1



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: 29.42 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Tgt Ion: 77 Resp: 1797626

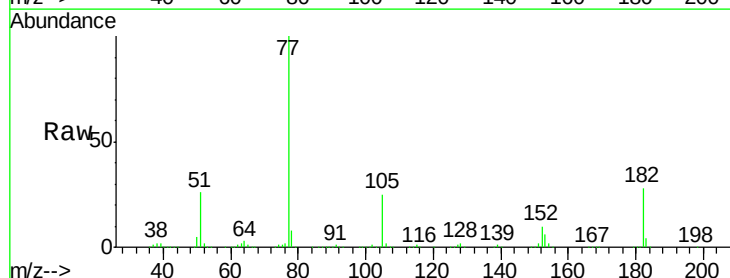
Ion Ratio Lower Upper

77 100

182 27.8 12.5 52.5

105 25.2 3.7 43.7

51 25.6 11.9 51.9

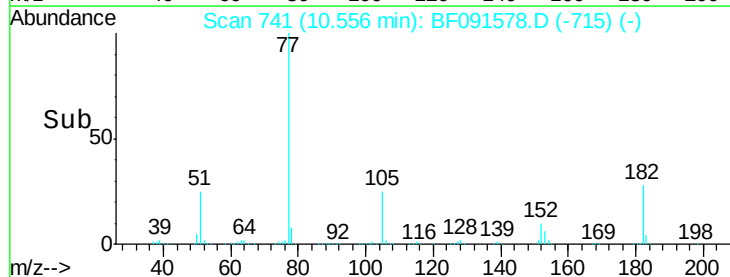
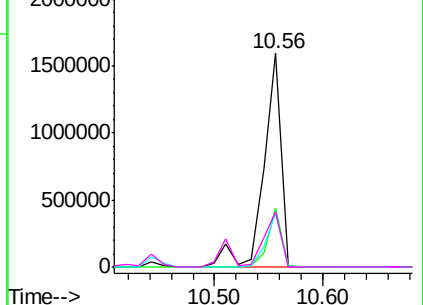


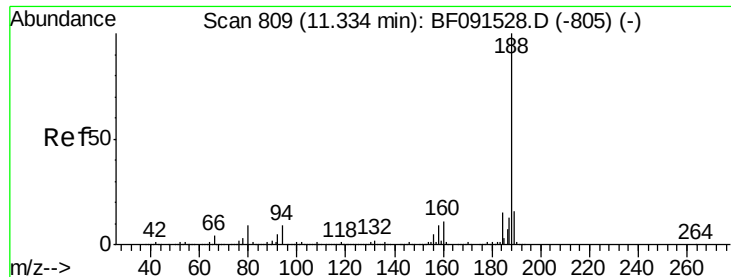
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

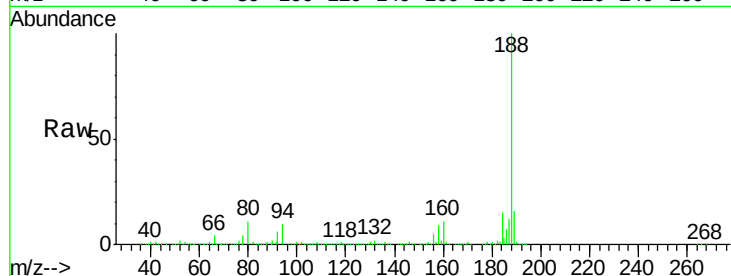
Tgt Ion:188 Resp: 1290424

Ion Ratio Lower Upper

188 100

94 10.3 9.2 13.8

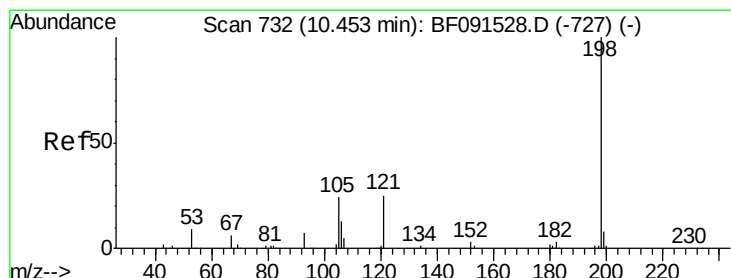
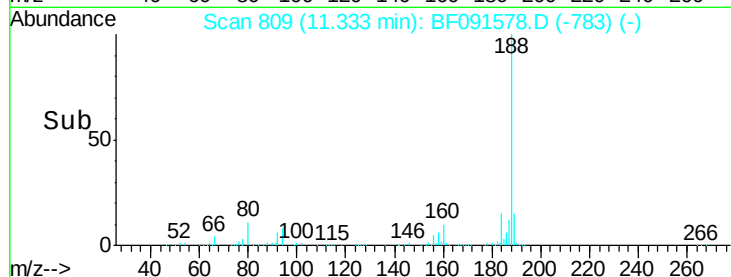
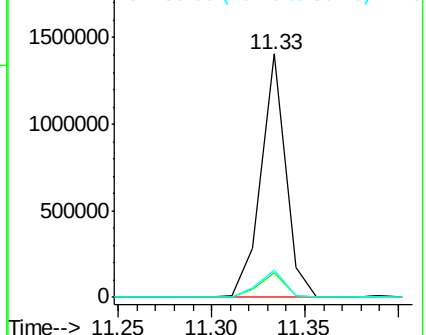
80 11.2 10.5 15.7



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: 21.16 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

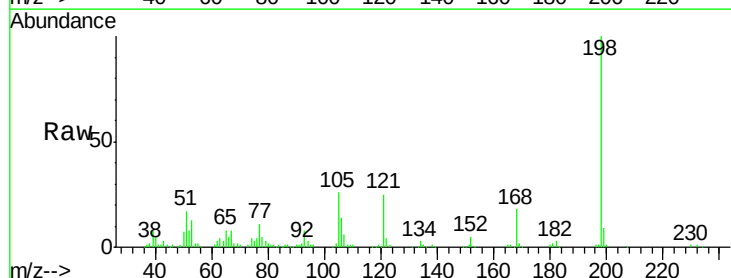
Tgt Ion:198 Resp: 152105

Ion Ratio Lower Upper

198 100

51 16.7 77.1 117.1#

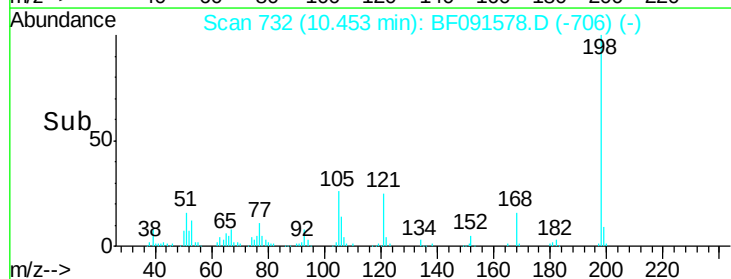
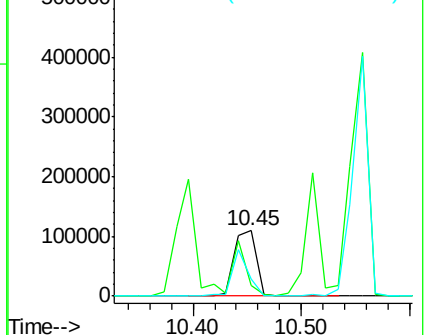
105 26.4 44.8 84.8#

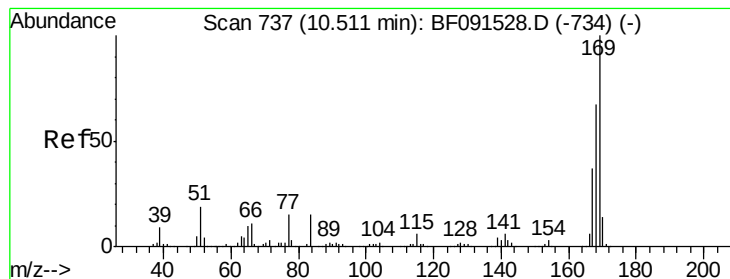


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 29.78 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

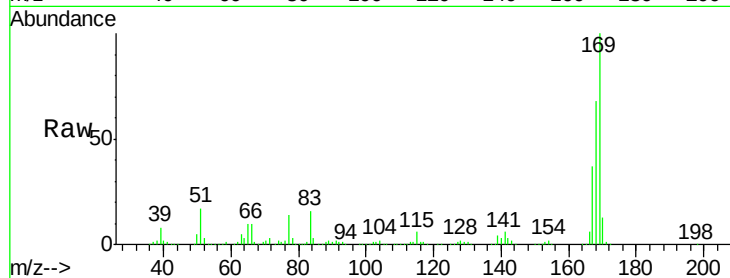
Tgt Ion:169 Resp: 1145786

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.8

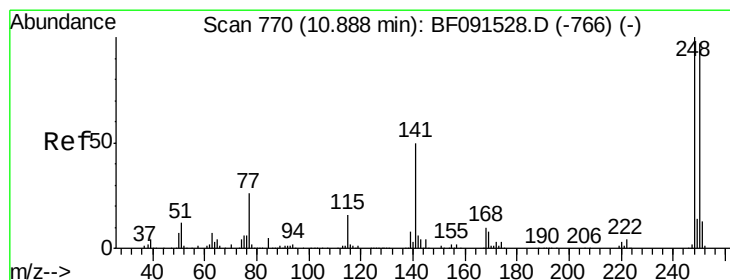
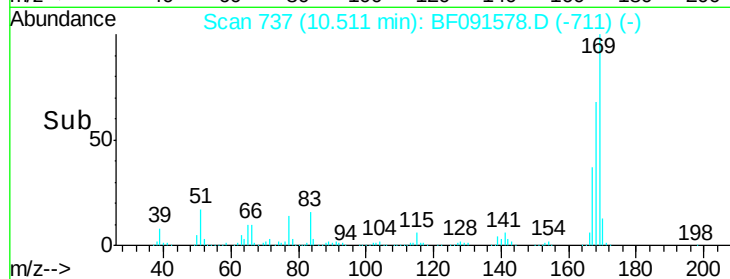
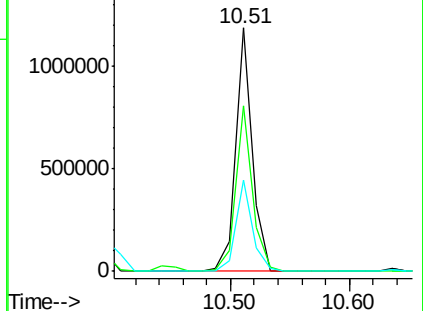
167 37.4 29.8 44.8



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: 31.63 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

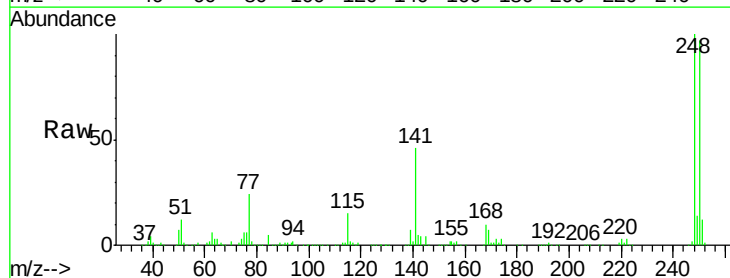
Tgt Ion:248 Resp: 418527

Ion Ratio Lower Upper

248 100

250 97.3 78.2 117.4

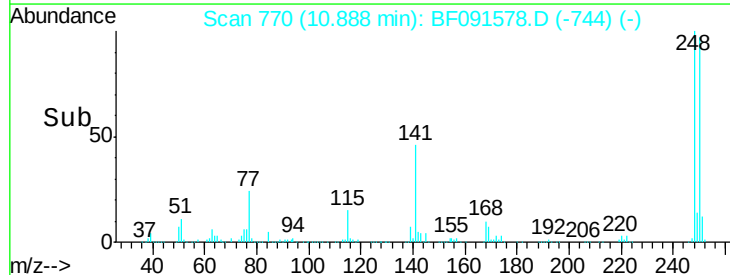
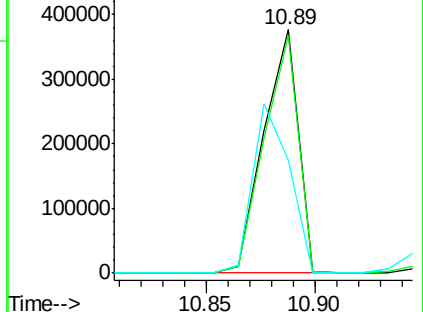
141 46.2 71.9 107.9#

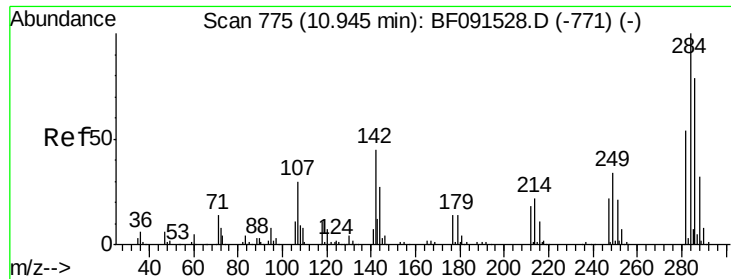


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

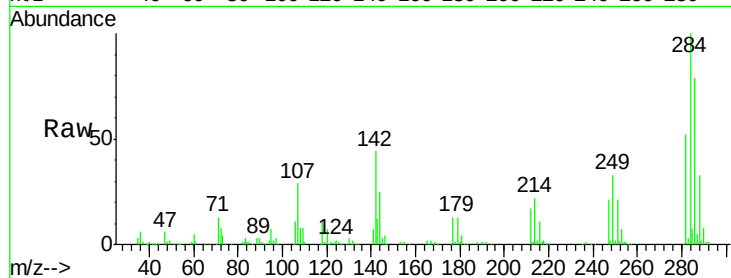




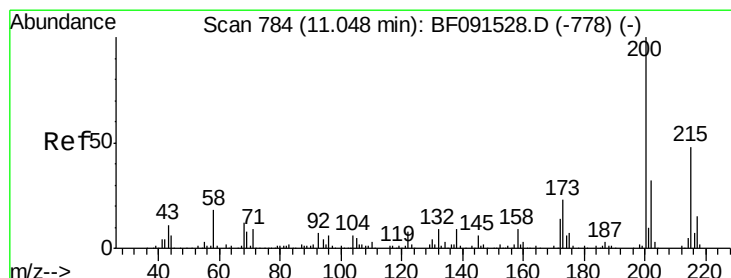
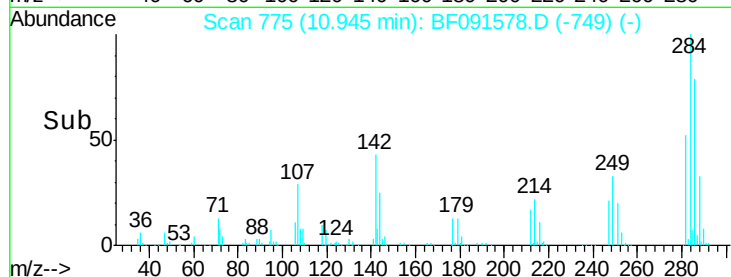
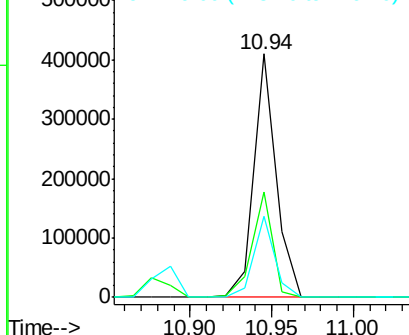
#67
Hexachlorobenzene
Concen: 28.31 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Instrument :
BNA_F
ClientSampled :

Tgt Ion:284 Resp: 389522
Ion Ratio Lower Upper
284 100
142 43.5 17.9 26.9#
249 33.3 23.6 35.4

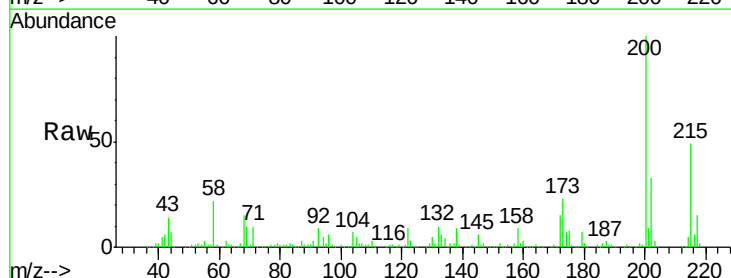


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

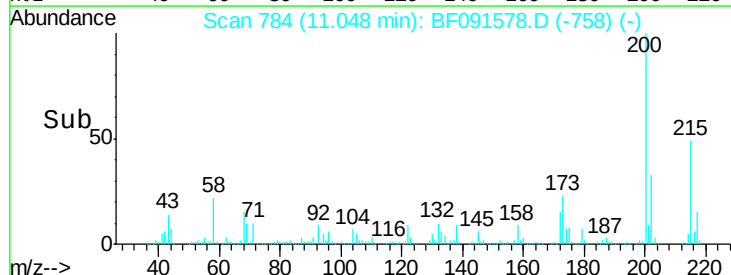
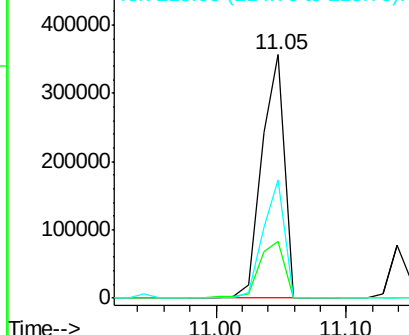


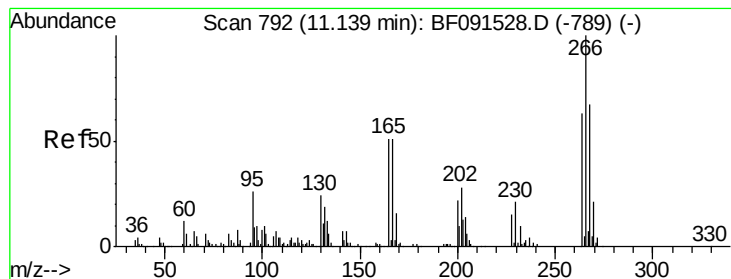
#68
Atrazine
Concen: 34.51 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 4:15

Tgt Ion:200 Resp: 426884
Ion Ratio Lower Upper
200 100
173 23.5 7.8 47.8
215 48.7 24.3 64.3



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: 49.06 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

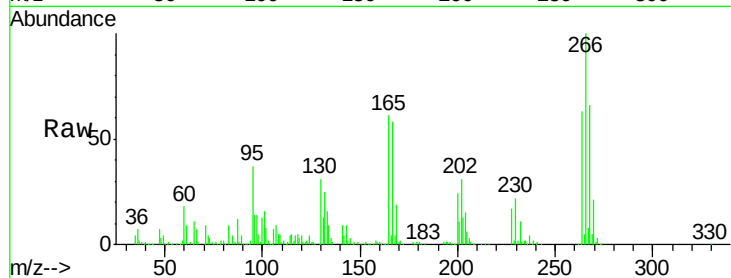
Tgt Ion:266 Resp: 379811

Ion Ratio Lower Upper

266 100

268 66.0 50.3 75.5

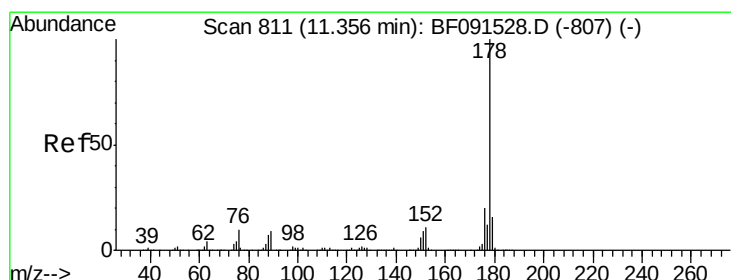
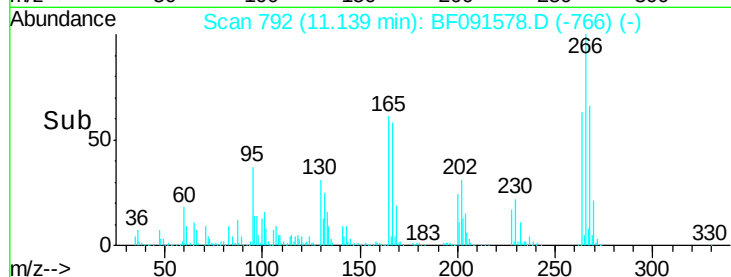
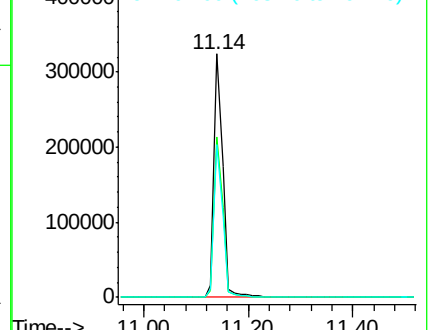
264 62.8 48.2 72.2



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: 27.93 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

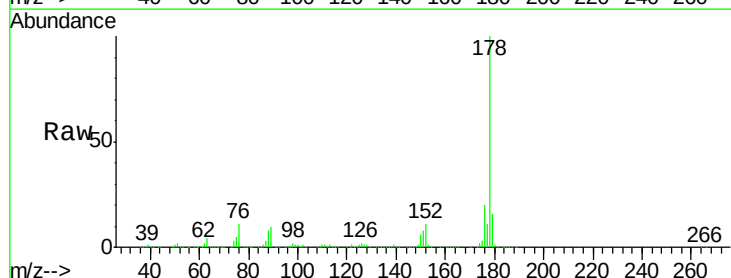
Tgt Ion:178 Resp: 1784866

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

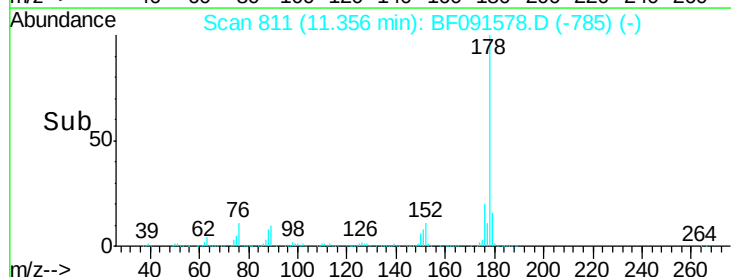
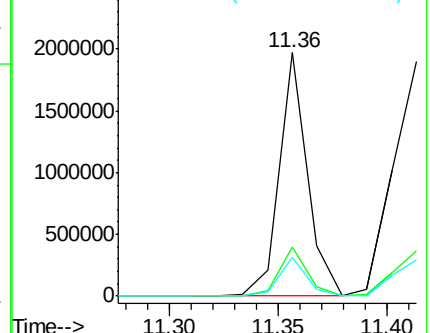
179 16.0 12.6 18.8

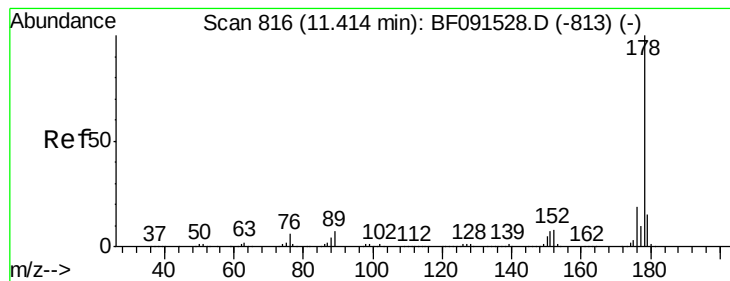


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 29.86 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

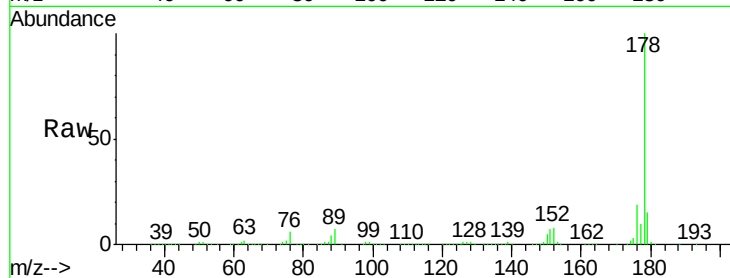
Tgt Ion:178 Resp: 2058402

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

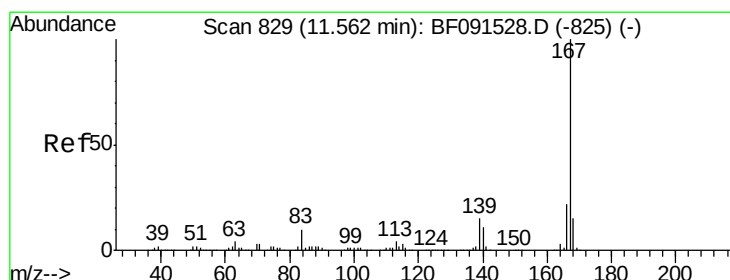
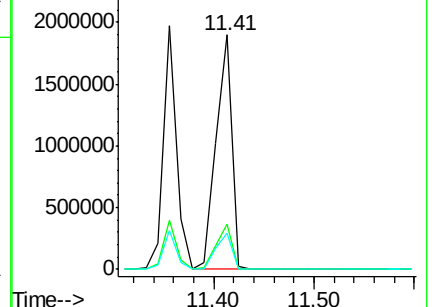
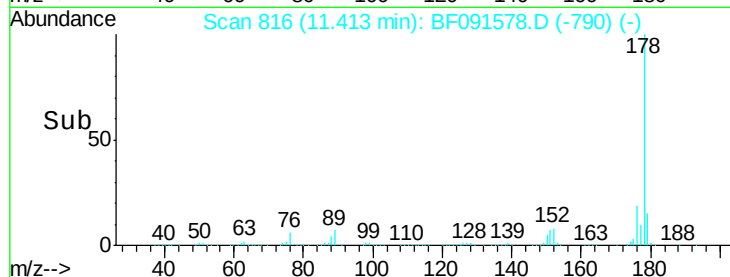
179 15.4 12.7 19.1



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: 26.43 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

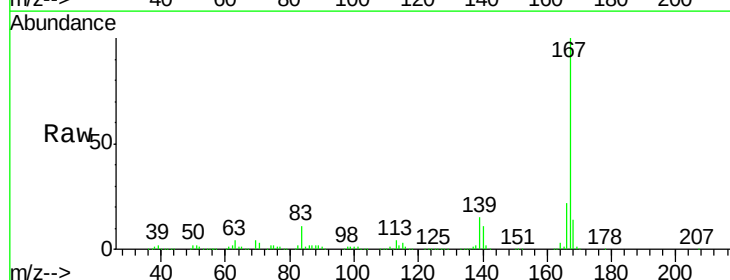
Tgt Ion:167 Resp: 1596594

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

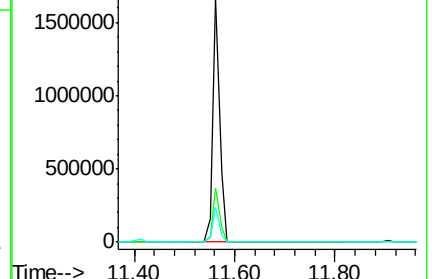
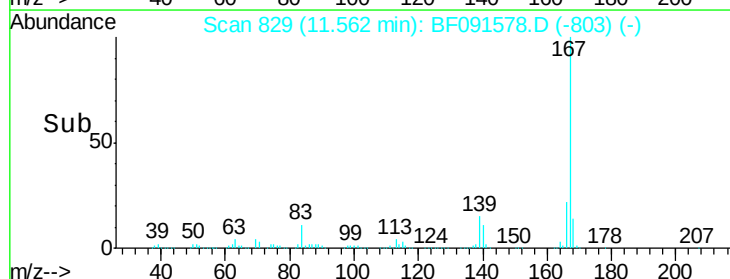
139 14.6 11.5 17.3

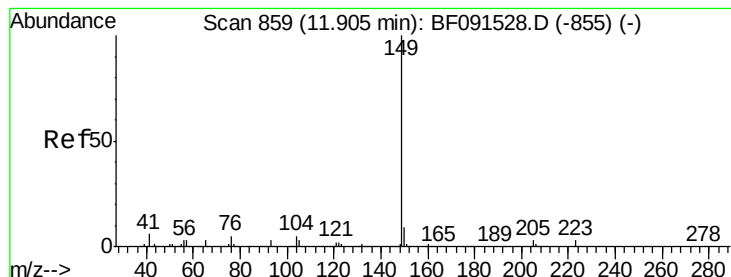


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.59 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

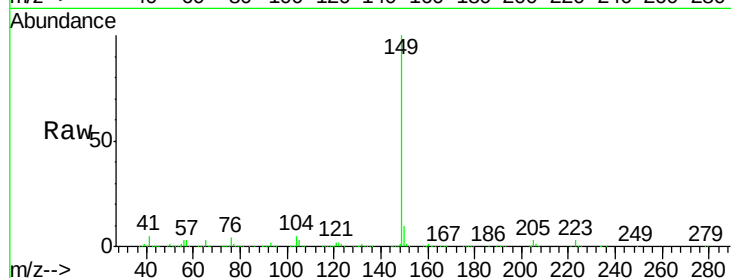
Tgt Ion:149 Resp: 2294187

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

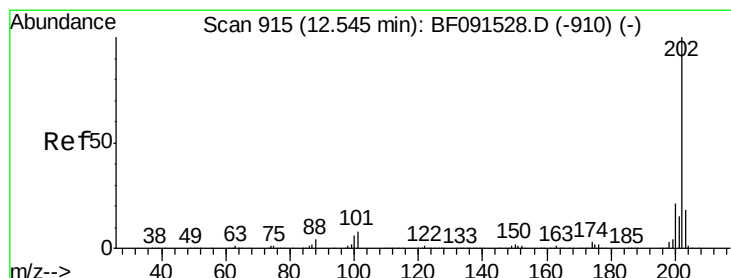
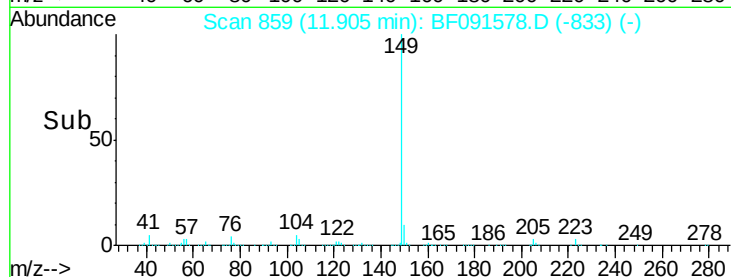
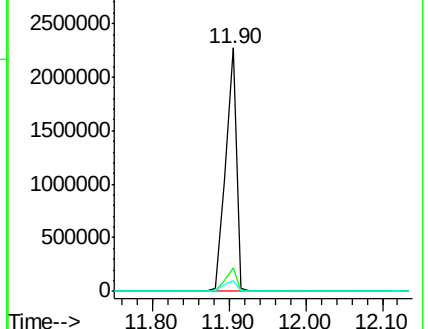
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.34 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

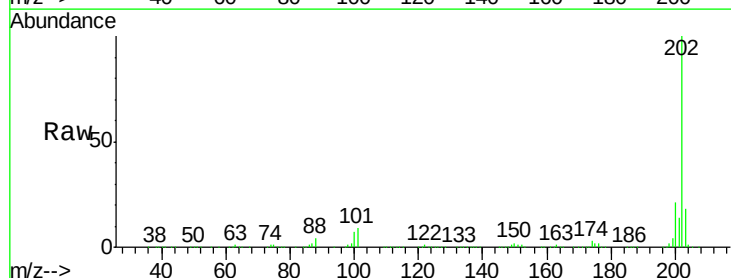
Tgt Ion:202 Resp: 1829510

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.5

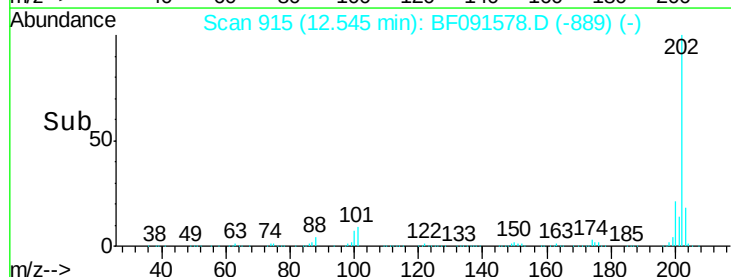
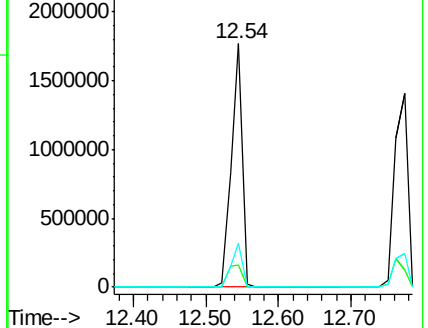
203 17.8 0.0 37.8

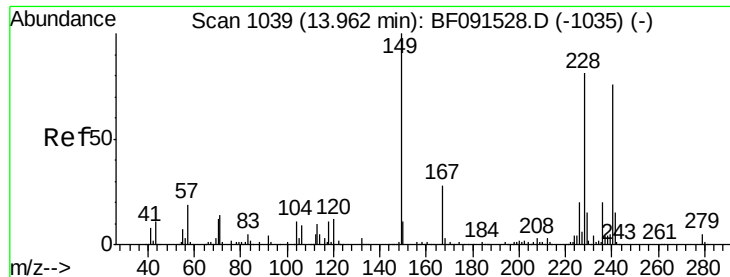


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

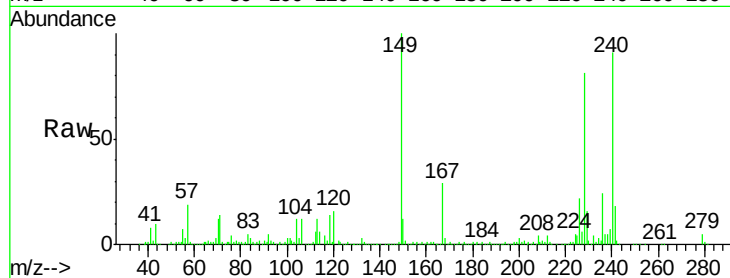
Tgt Ion:240 Resp: 779065

Ion Ratio Lower Upper

240 100

120 17.1 12.1 18.1

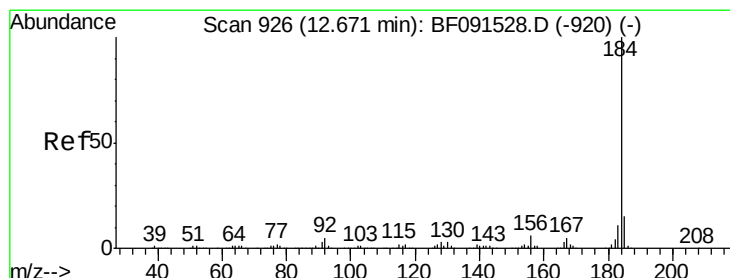
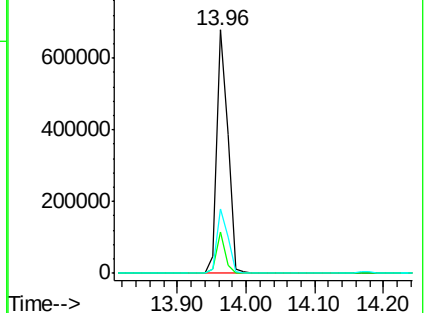
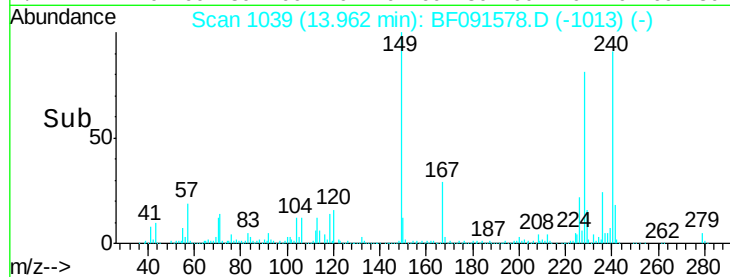
236 26.3 21.0 31.6



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: 24.25 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

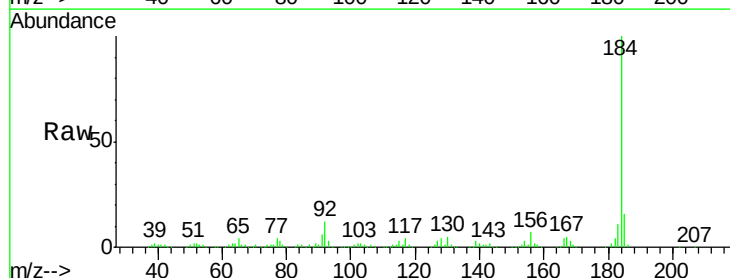
Tgt Ion:184 Resp: 584239

Ion Ratio Lower Upper

184 100

185 15.6 13.1 19.7

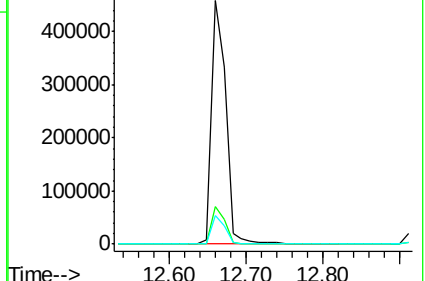
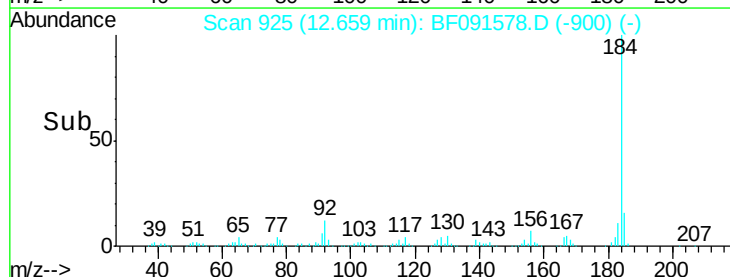
183 11.5 8.9 13.3

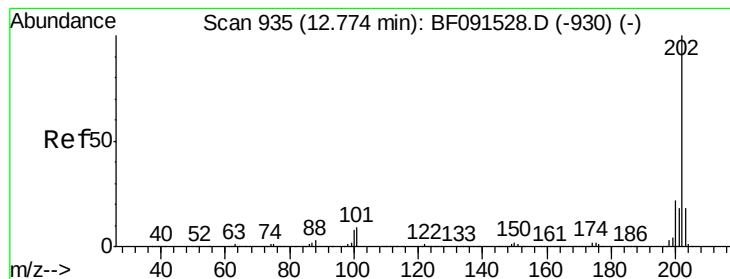


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 28.50 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

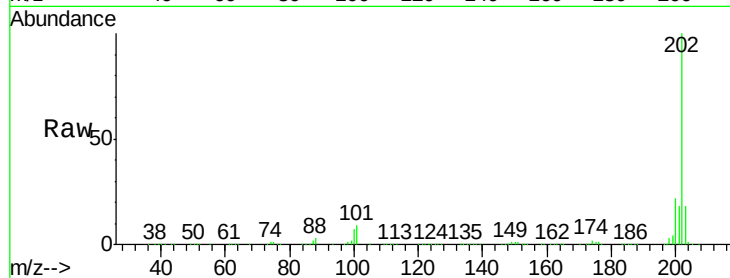
Tgt Ion:202 Resp: 1761334

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

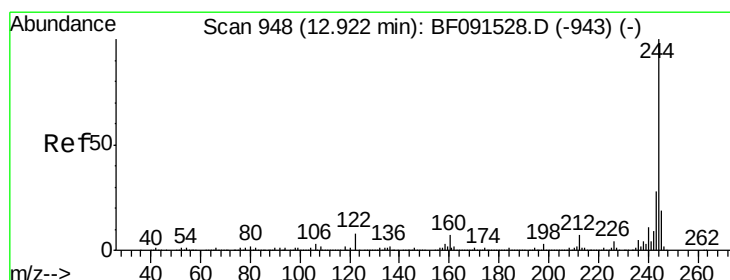
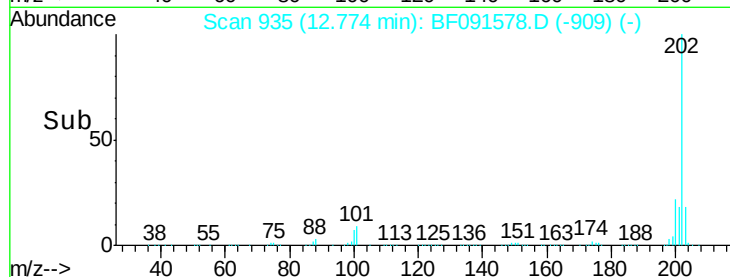
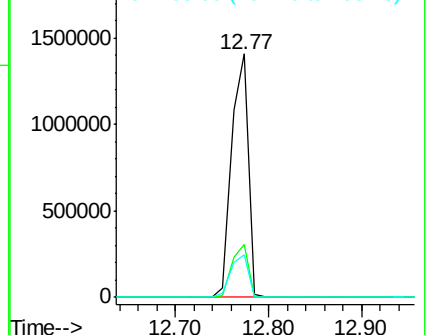
203 17.6 14.0 21.0



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: 61.55 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

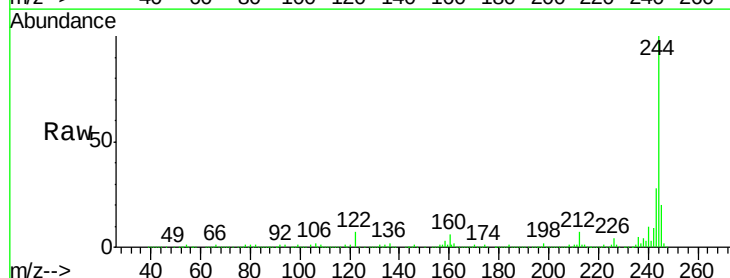
Tgt Ion:244 Resp: 2113008

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7

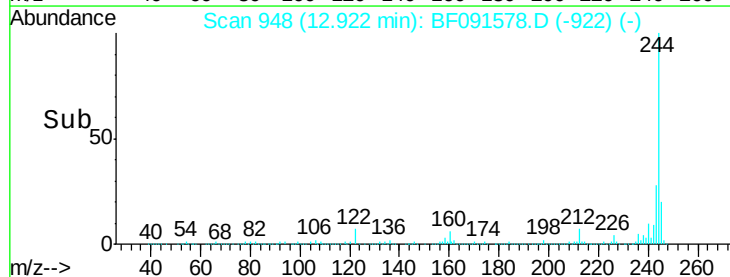
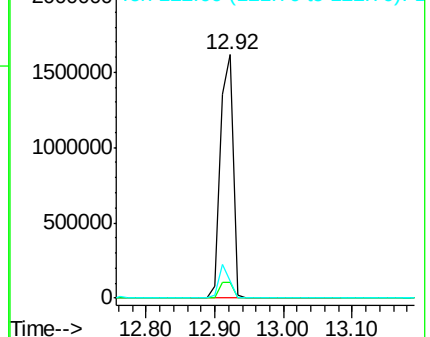
122 7.2 9.5 14.3#

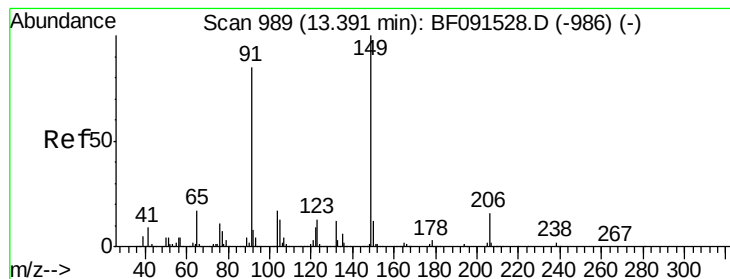


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 32.72 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091578.D

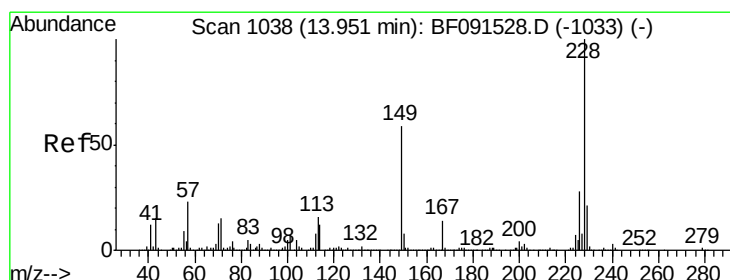
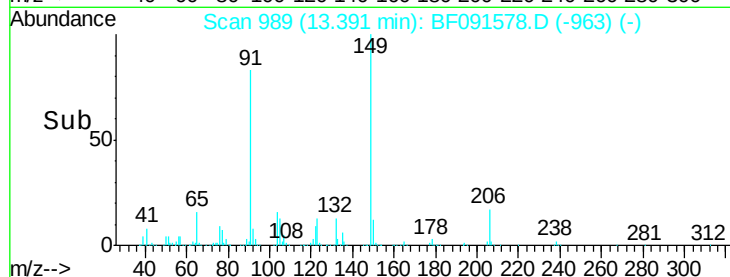
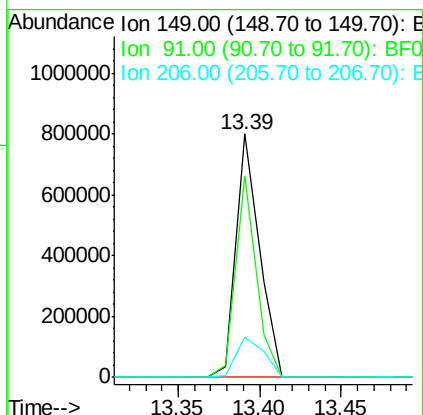
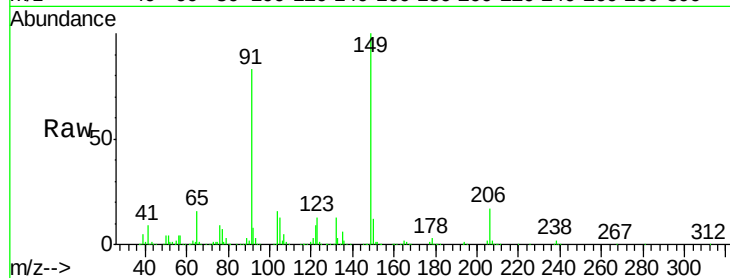
Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	788407
Ion Ratio	Lower	Upper	
149	100		
91	82.6	57.4	86.2
206	16.5	15.4	23.2



#80

Benzo(a)anthracene

Concen: 28.92 ng

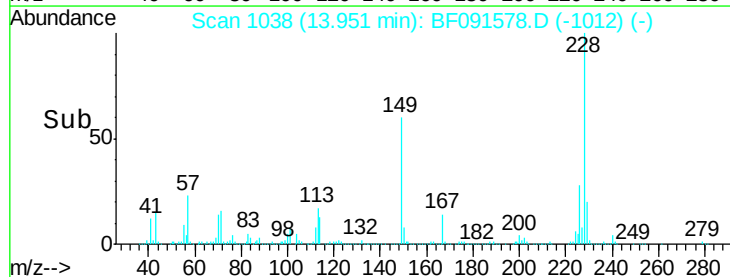
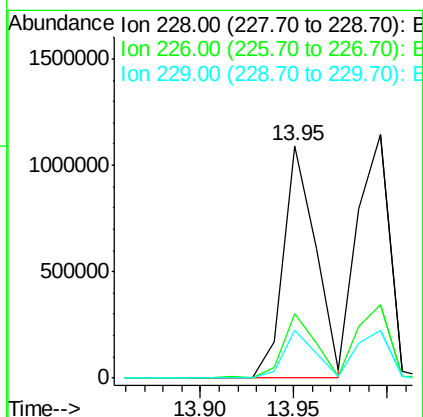
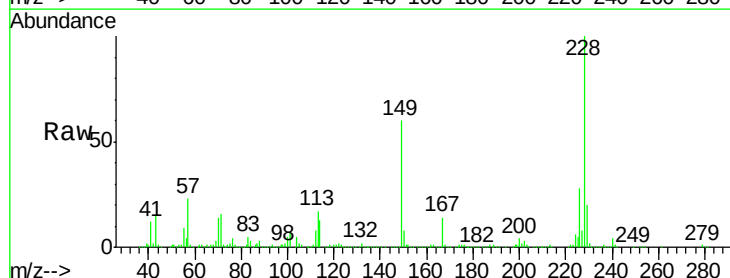
RT: 13.95 min Scan# 1038

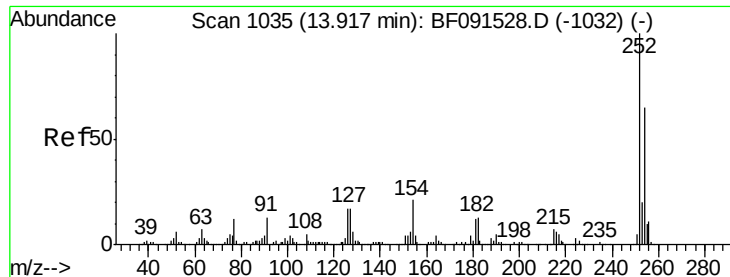
Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Tgt Ion:	228	Resp:	1308568
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.5	33.7
229	20.5	16.4	24.6

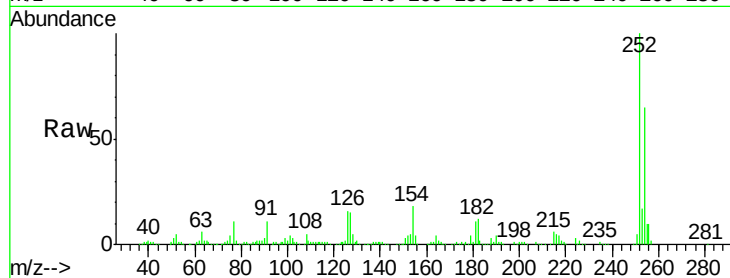




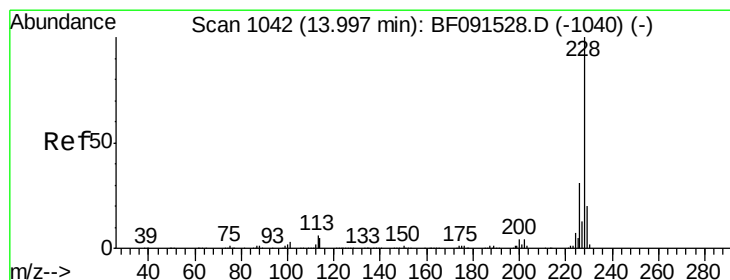
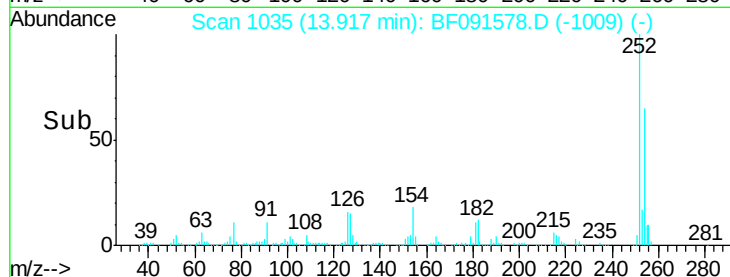
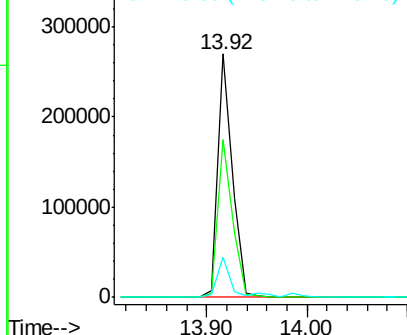
#81
 3,3'-Dichlorobenzidine
 Concen: 16.81 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:252 Resp: 273084
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.1 78.1
 126 16.3 7.5 11.3#

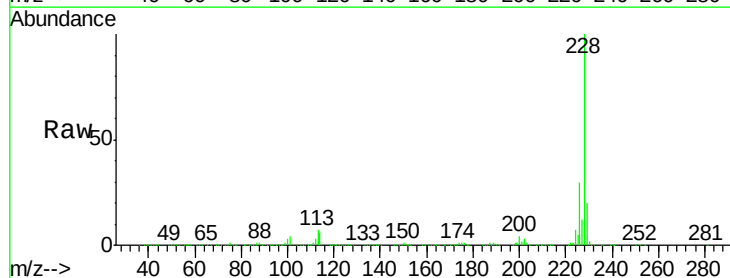


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

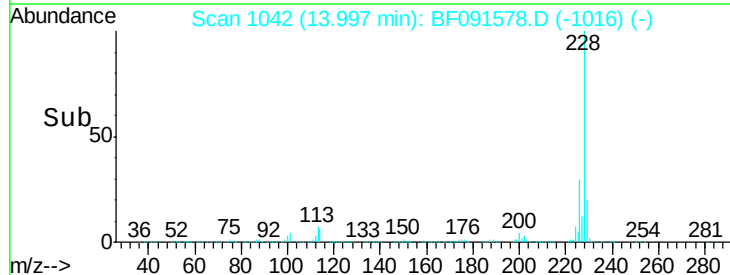
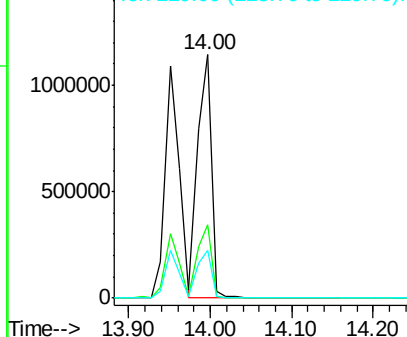


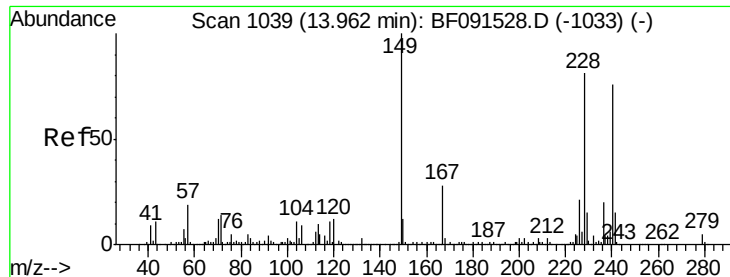
#82
 Chrysene
 Concen: 28.93 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:228 Resp: 1369404
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.4
 229 19.7 16.0 24.0



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

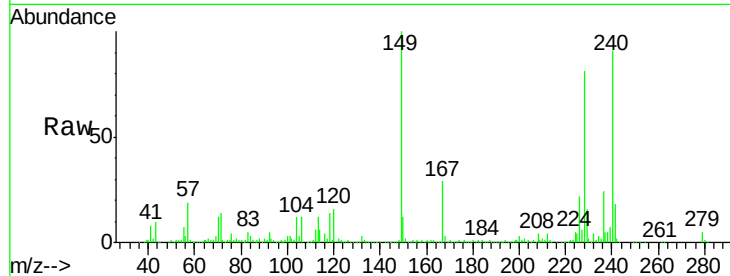




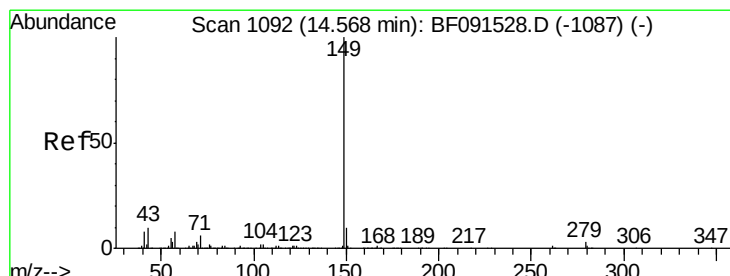
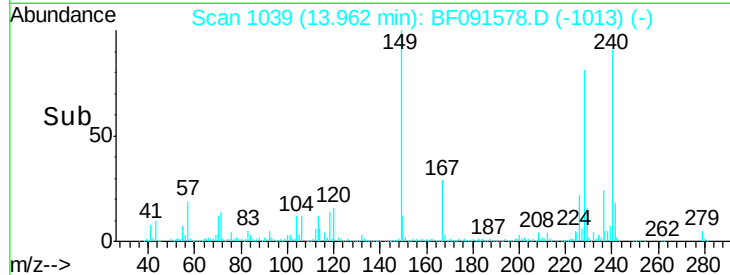
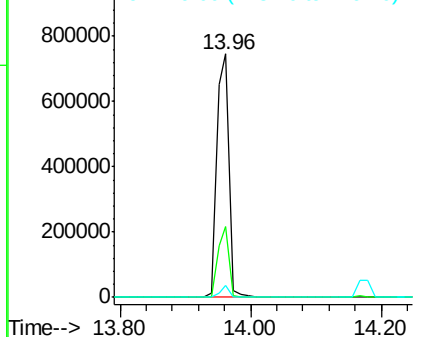
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.26 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:149 Resp: 997220
 Ion Ratio Lower Upper
 149 100
 167 29.1 19.6 29.4
 279 4.7 1.9 2.9#

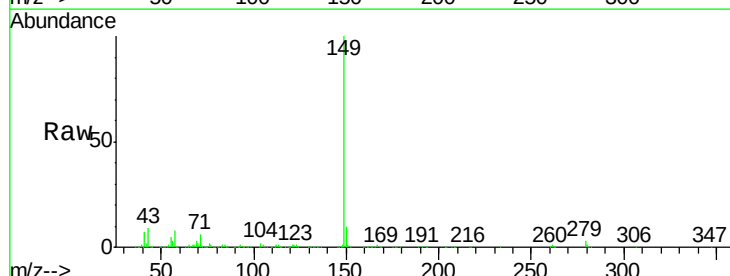


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

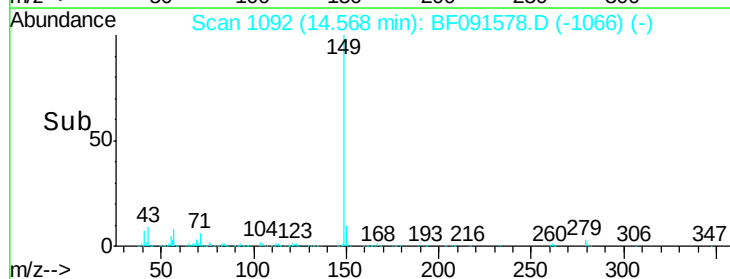
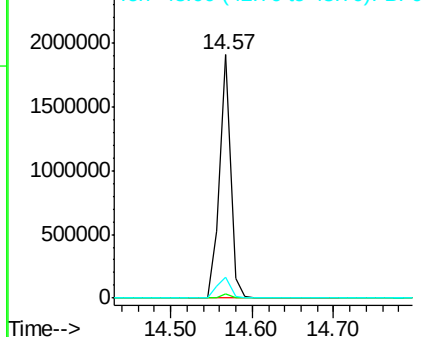


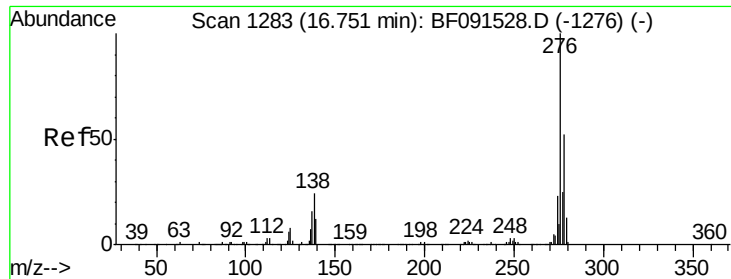
#84
 Di-n-octyl phthalate
 Concen: 34.39 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:149 Resp: 1804534
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.3 11.9 17.9#



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

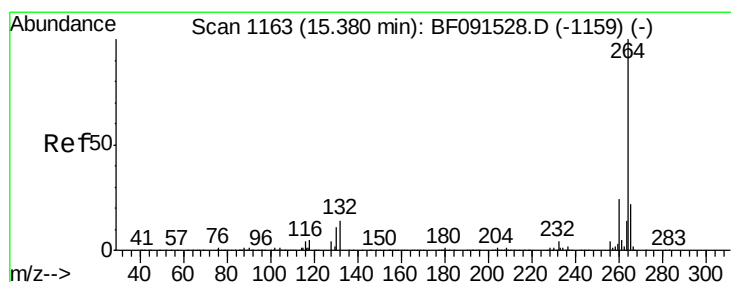
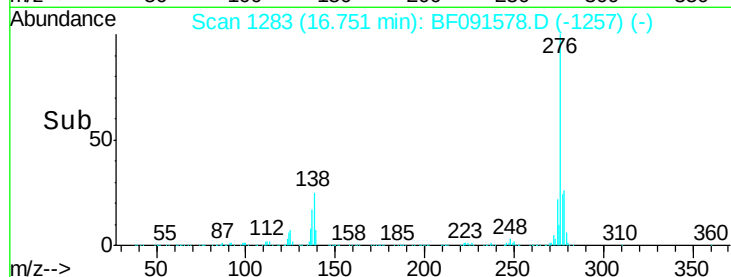
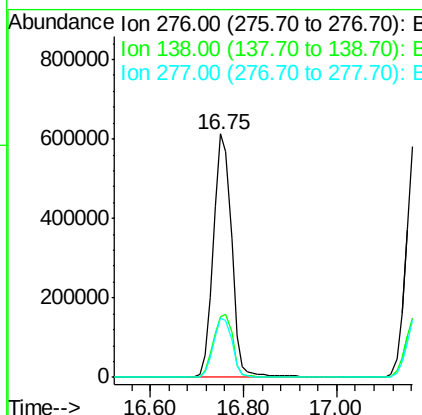
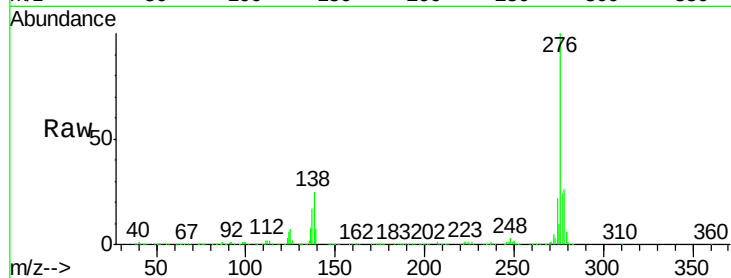




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.14 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

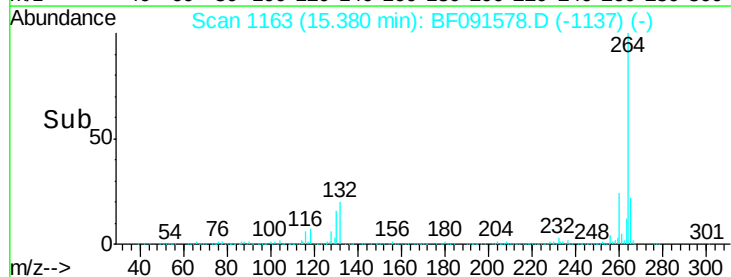
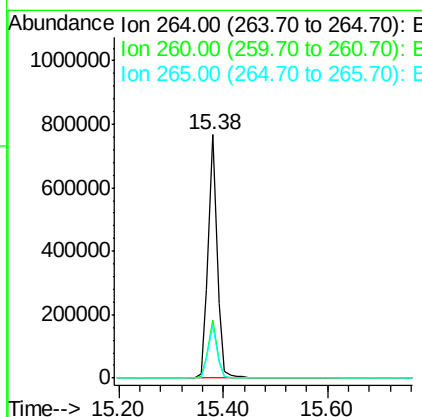
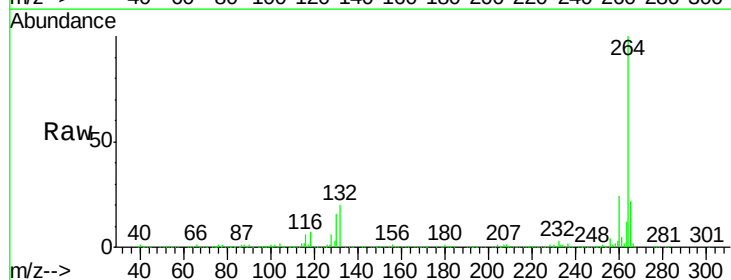
Instrument :
 BNA_F
 ClientSampleId :

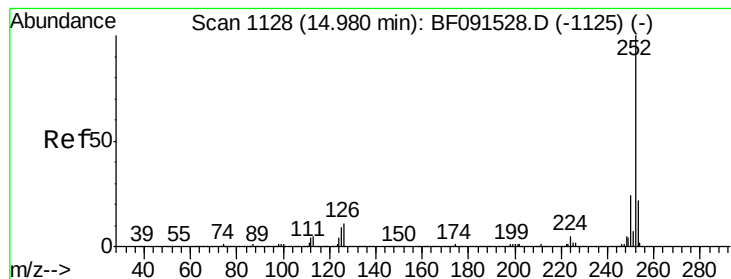
Tgt Ion:276 Resp: 1667223
 Ion Ratio Lower Upper
 276 100
 138 27.7 21.0 31.4
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 4:15

Tgt Ion:264 Resp: 927615
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.7 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 27.34 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampled :

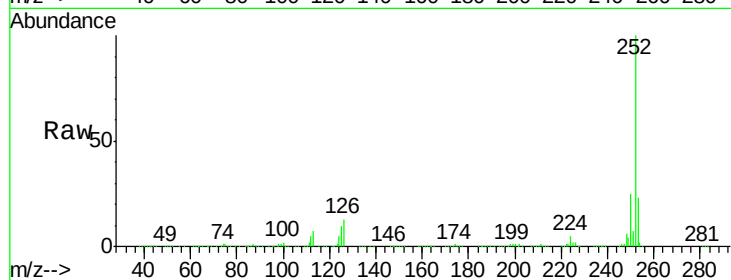
Tgt Ion:252 Resp: 1512017

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

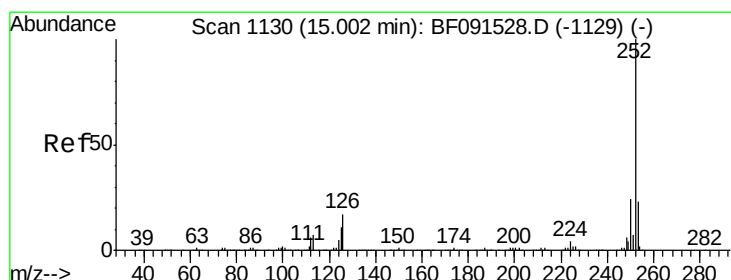
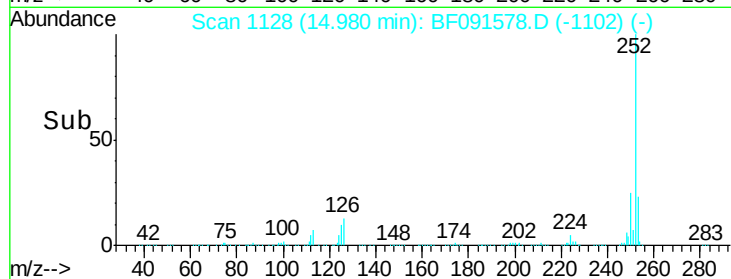
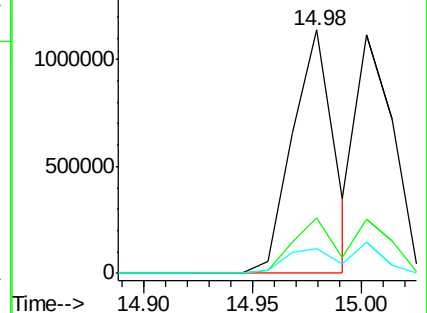
125 10.0 8.6 13.0



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



#88

Benzo(k)fluoranthene

Concen: 31.10 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

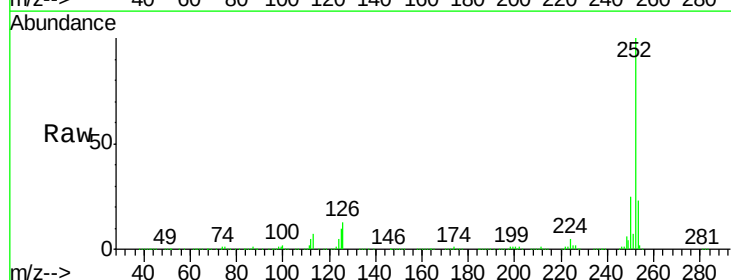
Tgt Ion:252 Resp: 1512017

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

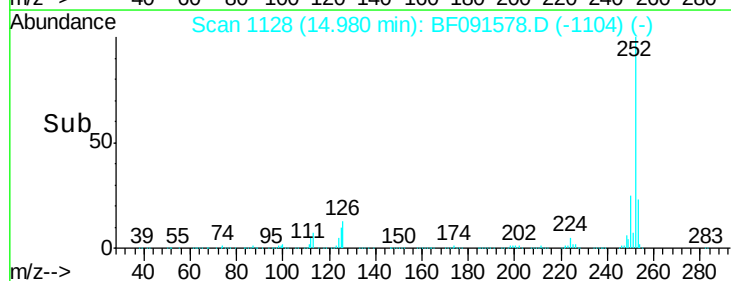
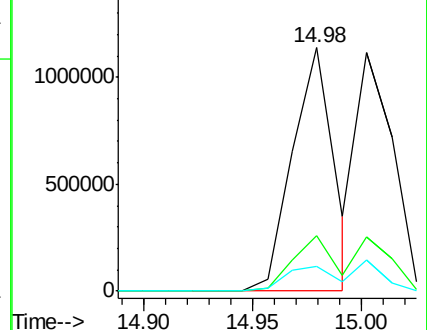
125 10.0 9.6 14.4

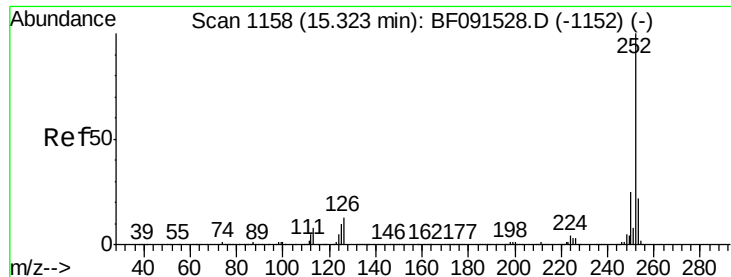


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.71 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

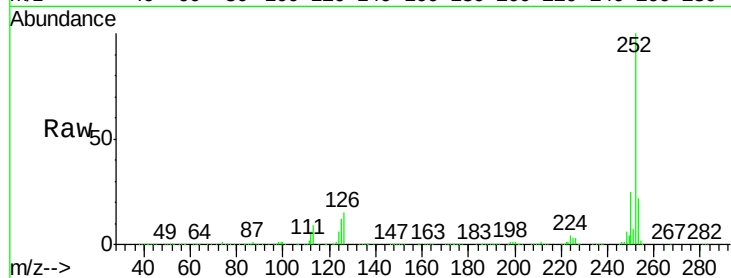
Tgt Ion:252 Resp: 1429986

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

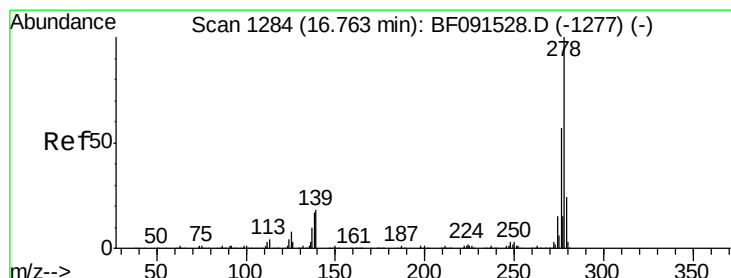
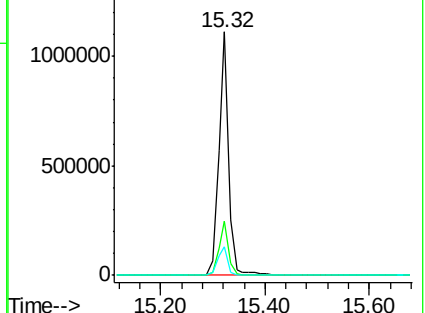
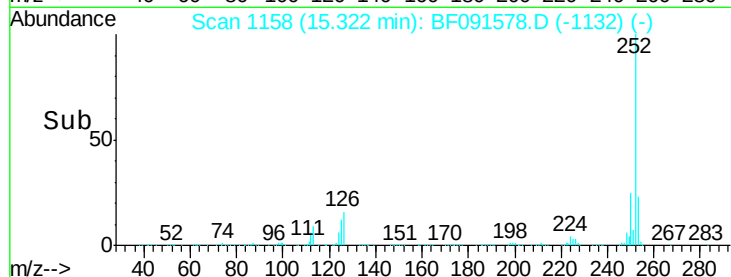
125 11.8 10.4 15.6



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: 30.80 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

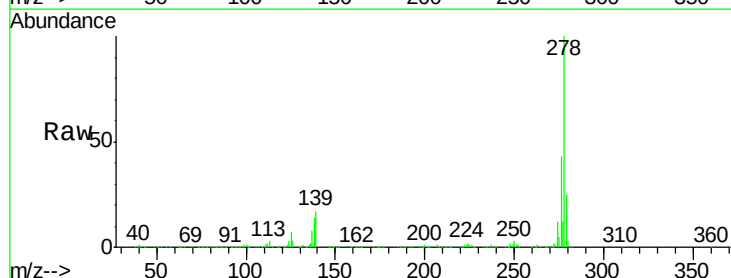
Tgt Ion:278 Resp: 1374333

Ion Ratio Lower Upper

278 100

139 16.7 15.1 22.7

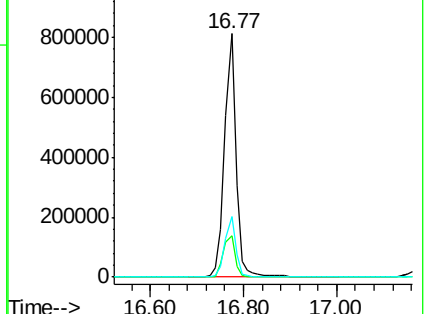
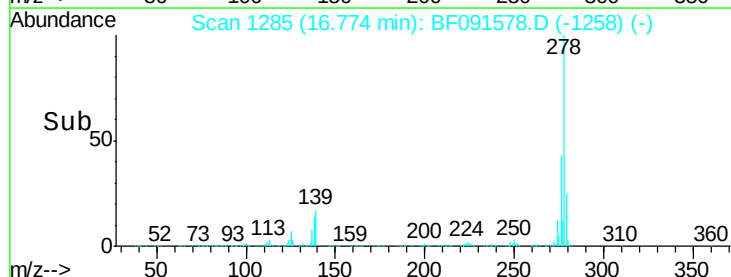
279 24.9 19.0 28.6

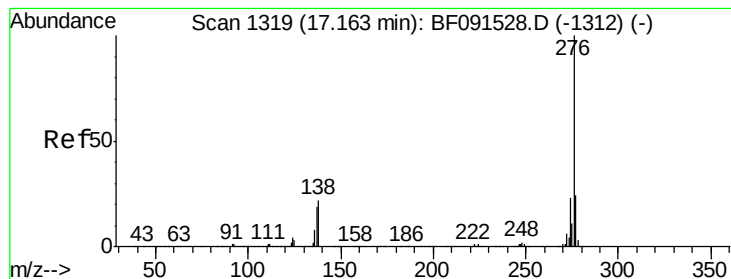


Abundance Ion 278.00 (277.70 to 278.70): E

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: 31.07 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 4:15

Instrument :

BNA_F

ClientSampleId :

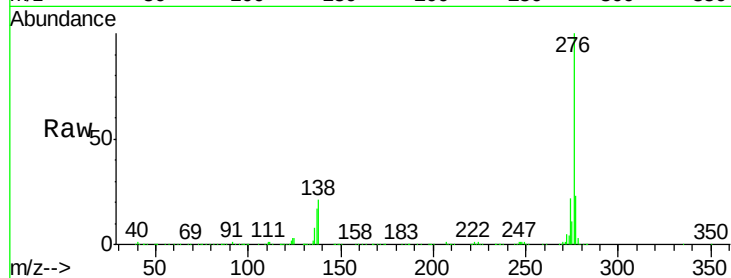
Tgt Ion:276 Resp: 1410984

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 20.7 15.4 23.0



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

