

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091536.D
 Acq On : 9 Dec 2016 19:25
 Operator : UM/SJ
 Sample : PB95122BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Quant Time: Dec 09 22:11:22 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	452345	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1778637	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	965643	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	1473459	20.00	ng	0.00
75) Chrysene-d12	13.96	240	1025390	20.00	ng	0.00
86) Perylene-d12	15.38	264	1016816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2043623	76.11	ng	0.01
7) Phenol-d6	6.45	99	2686829	80.27	ng	0.00
23) Nitrobenzene-d5	7.38	82	1712532	53.74	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	632718	78.89	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2893903	51.78	ng	0.00
78) Terphenyl-d14	12.92	244	2556097	56.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	334972	23.64	ng	# 86
3) Pyridine	3.18	79	947525	25.10	ng	# 82
4) n-Nitrosodimethylamine	3.15	42	445308	27.45	ng	# 60
6) Aniline	6.48	93	655171	14.93	ng	# 86
8) 2-Chlorophenol	6.60	128	834945	27.55	ng	95
9) Benzaldehyde	6.35	77	188887	8.20	ng	97
10) Phenol	6.48	94	947312	24.21	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	934608	31.79	ng	85
12) 1,3-Dichlorobenzene	6.75	146	850346	25.87	ng	# 94
13) 1,4-Dichlorobenzene	6.83	146	851692	26.27	ng	97
14) 1,2-Dichlorobenzene	6.83	146	851692	29.16	ng	96
15) Benzyl Alcohol	6.96	79	708914	26.82	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1267590	27.82	ng	82
17) 2-Methylphenol	7.08	107	726814	28.98	ng	# 76
18) Hexachloroethane	7.32	117	336899	26.63	ng	# 80
19) n-Nitroso-di-n-propylamine	7.24	70	614641	29.37	ng	# 70
20) 3+4-Methylphenols	7.23	107	762705	26.91	ng	# 67
22) Acetophenone	7.23	105	1158904	27.19	ng	# 93
24) Nitrobenzene	7.40	77	1012250	30.06	ng	# 83
25) Isophorone	7.64	82	1687349	29.79	ng	99
26) 2-Nitrophenol	7.71	139	439106	29.55	ng	93
27) 2,4-Dimethylphenol	7.76	122	764655	29.30	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	1075763	32.37	ng	97
29) 2,4-Dichlorophenol	7.96	162	696551	30.67	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	709768	27.50	ng	98
31) Naphthalene	8.12	128	2267635	27.40	ng	100
32) Benzoic acid	7.89	122	525695	30.10	ng	91
33) 4-Chloroaniline	8.17	127	197614	5.54	ng	97
34) Hexachlorobutadiene	8.25	225	421489	28.49	ng	97
35) Caprolactam	8.54	113	144963	21.86	ng	# 58
36) 4-Chloro-3-methylphenol	8.66	107	722202	28.36	ng	99
37) 2-Methylnaphthalene	8.82	142	1550824	28.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	589273	22.25	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	710762	60.19	ng	99

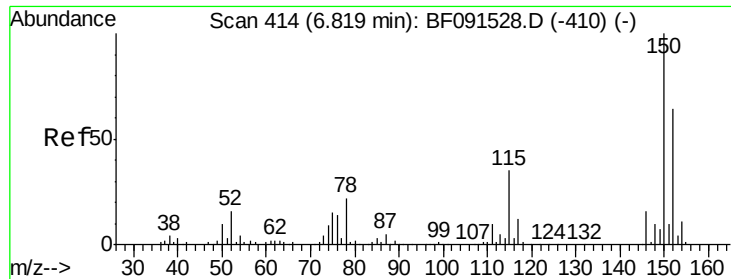
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	471355	27.70	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	453145	25.91	ng	92
45) 1,1'-Biphenyl	9.28	154	1720453	24.60	ng	98
46) 2-Chloronaphthalene	9.30	162	1330944	24.57	ng	98
47) 2-Nitroaniline	9.40	65	489129	26.86	ng	86
48) Acenaphthylene	9.71	152	2138643	25.90	ng	99
49) Dimethylphthalate	9.58	163	1619165	26.48	ng	99
50) 2,6-Dinitrotoluene	9.64	165	376237	28.04	ng	# 88
51) Acenaphthene	9.89	154	1598295	27.87	ng	97
52) 3-Nitroaniline	9.80	138	177571	11.26	ng	89
53) 2,4-Dinitrophenol	9.92	184	381499	56.02	ng	92
54) Dibenzofuran	10.06	168	1998579	28.17	ng	93
55) 4-Nitrophenol	9.98	139	662594	56.49	ng	# 54
56) 2,4-Dinitrotoluene	10.04	165	427290	25.40	ng	# 56
57) Fluorene	10.40	166	1308363	23.42	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	385057	28.12	ng	92
59) Diethylphthalate	10.28	149	1563760	26.56	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	680263	26.67	ng	# 89
61) 4-Nitroaniline	10.42	138	372089	23.75	ng	87
62) Azobenzene	10.56	77	1944384	29.14	ng	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	259848	30.20	ng	# 44
65) n-Nitrosodiphenylamine	10.51	169	1233824	28.09	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	441275	29.21	ng	# 79
67) Hexachlorobenzene	10.94	284	414117	26.36	ng	# 74
68) Atrazine	11.05	200	460613	32.61	ng	96
69) Pentachlorophenol	11.14	266	470869	53.26	ng	96
70) Phenanthrene	11.36	178	1965715	26.94	ng	99
71) Anthracene	11.41	178	2317921	29.45	ng	100
72) Carbazole	11.56	167	1795260	26.02	ng	99
73) Di-n-butylphthalate	11.90	149	2478000	30.83	ng	100
74) Fluoranthene	12.54	202	2270867	29.72	ng	99
76) Benzidine	12.66	184	573154	18.08	ng	98
77) Pyrene	12.77	202	2227797	27.39	ng	99
79) Butylbenzylphthalate	13.39	149	916630	28.91	ng	# 84
80) Benzo(a)anthracene	13.95	228	1598490	26.84	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	263381	12.32	ng	# 96
82) Chrysene	14.00	228	1731814	27.80	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1156569	28.43	ng	# 92
84) Di-n-octyl phthalate	14.57	149	2154373	31.20	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1551069	27.67	ng	99
87) Benzo(b)fluoranthene	15.00	252	3035532	50.08	ng	98
88) Benzo(k)fluoranthene	15.00	252	3036558	56.97	ng	100
89) Benzo(a)pyrene	15.32	252	1477356	27.05	ng	# 97
90) Dibenzo(a,h)anthracene	16.76	278	1264727	25.85	ng	98
91) Benzo(g,h,i)perylene	17.16	276	1304768	26.21	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: BF091536.D

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PB95122BS

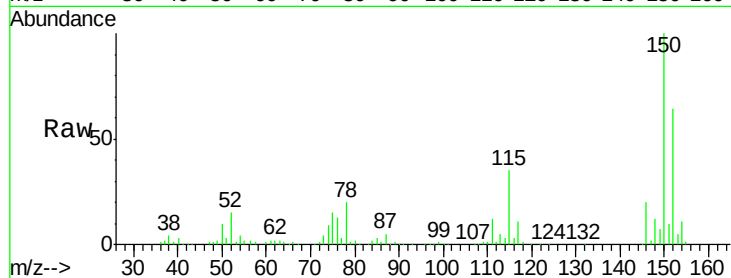
Tgt Ion:152 Resp: 452345

Ion Ratio Lower Upper

152 100

150 156.2 122.5 183.7

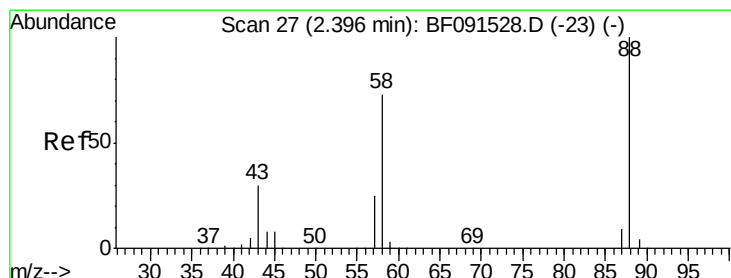
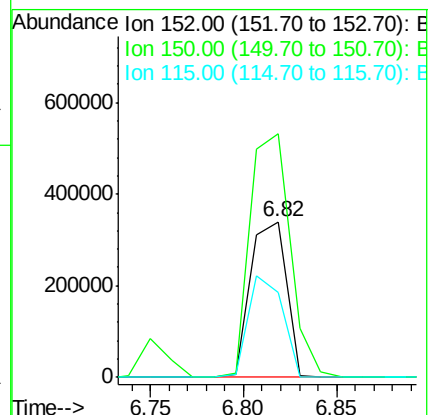
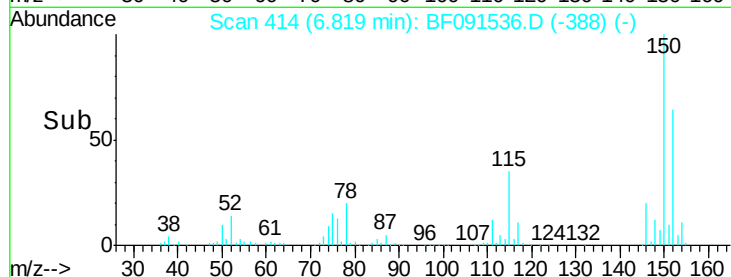
115 54.2 51.8 77.8



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: 23.64 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.09 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

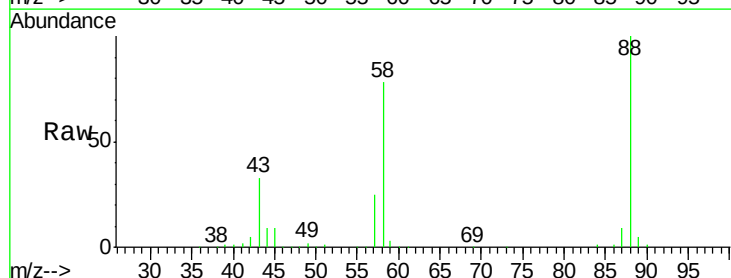
Tgt Ion: 88 Resp: 334972

Ion Ratio Lower Upper

88 100

58 75.2 70.3 105.5

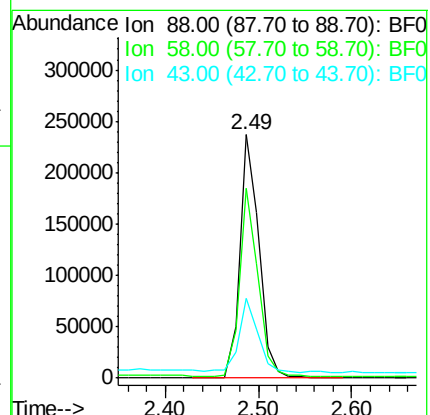
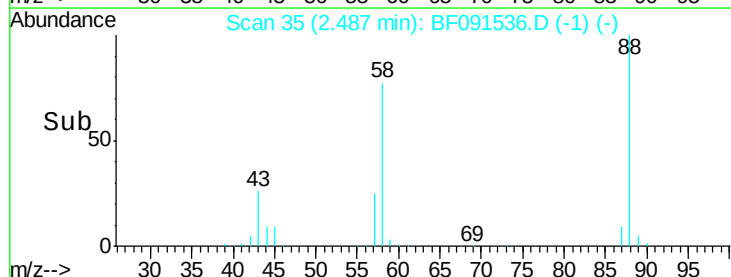
43 30.7 31.3 46.9#

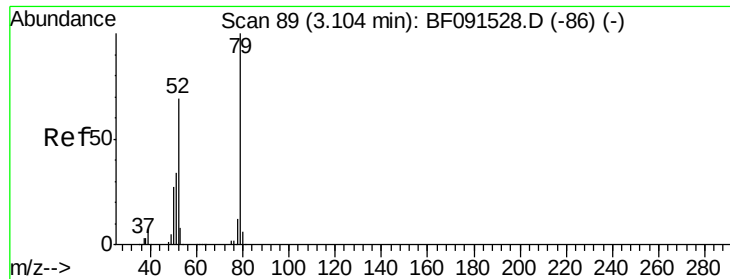


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.10 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

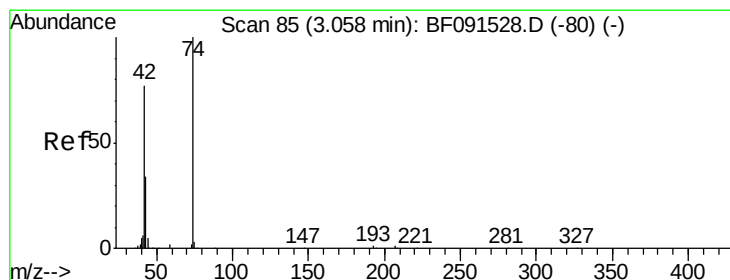
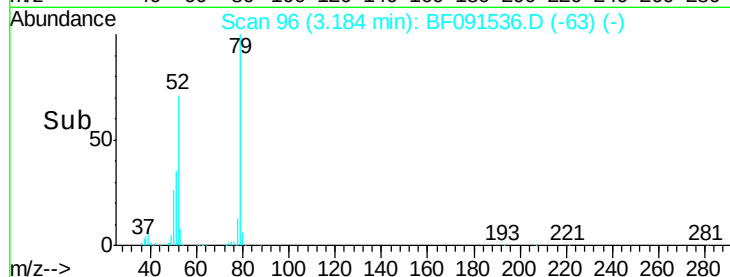
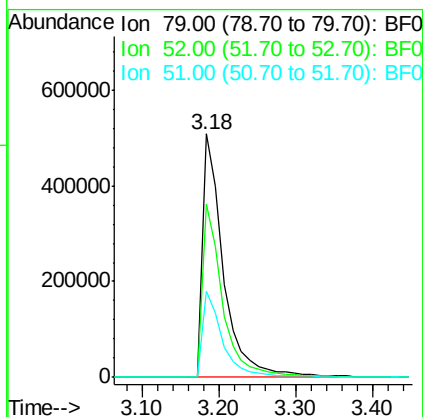
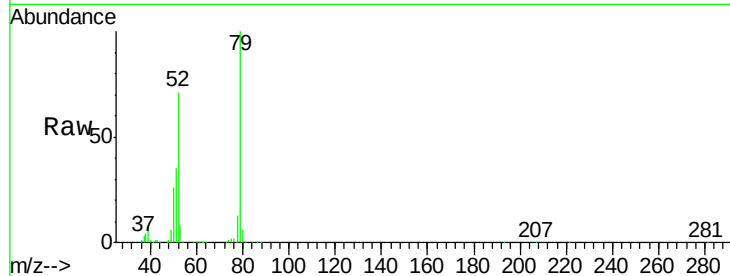
Tgt Ion: 79 Resp: 947525

Ion Ratio Lower Upper

79 100

52 71.2 71.0 106.4

51 35.4 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 27.45 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

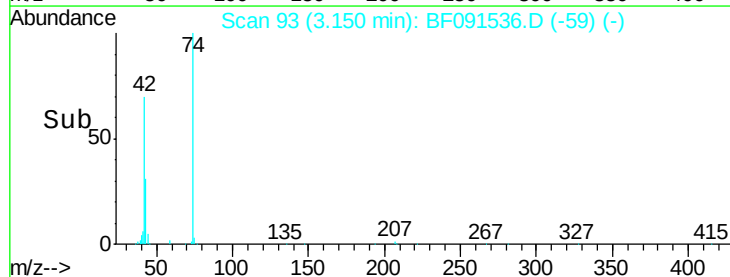
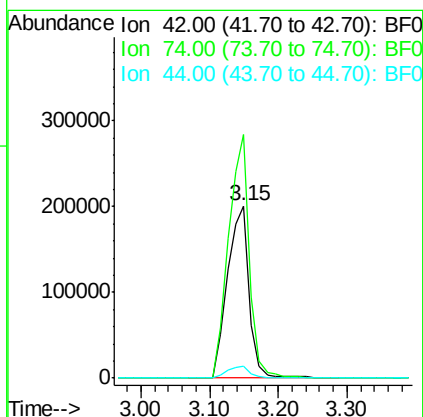
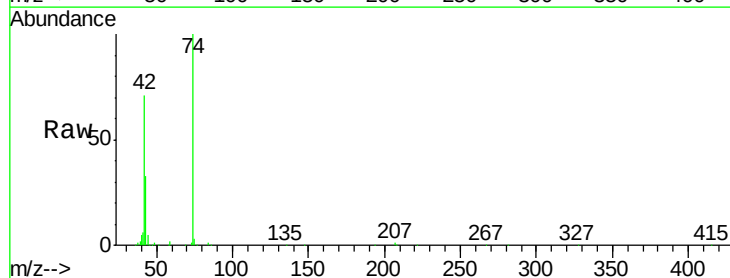
Tgt Ion: 42 Resp: 445308

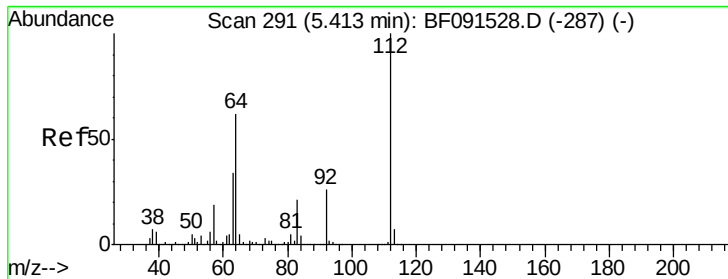
Ion Ratio Lower Upper

42 100

74 141.6 78.9 118.3#

44 7.3 5.8 8.6





#5

2-Fluorophenol

Concen: 76.11 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

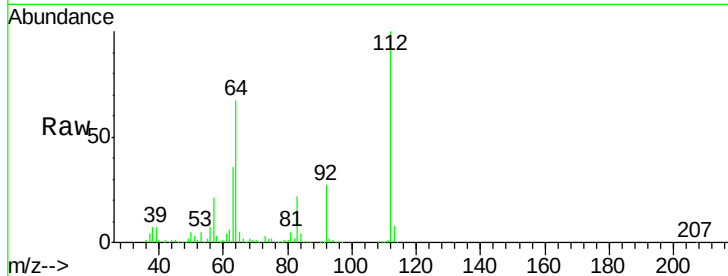
Tgt Ion: 112 Resp: 2043623

Ion Ratio Lower Upper

112 100

64 67.0 61.5 92.3

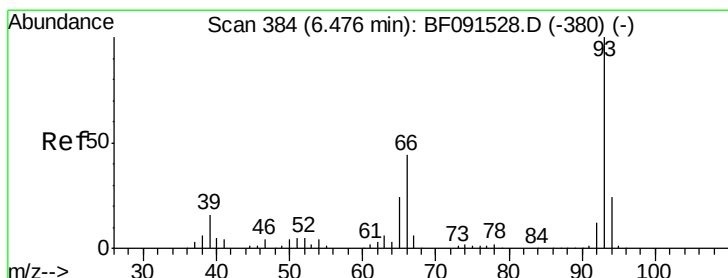
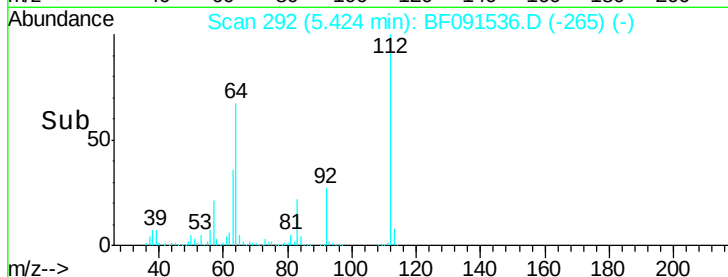
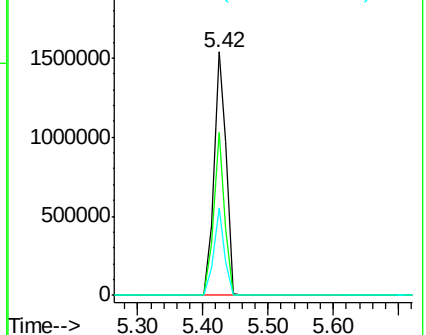
63 35.8 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.93 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

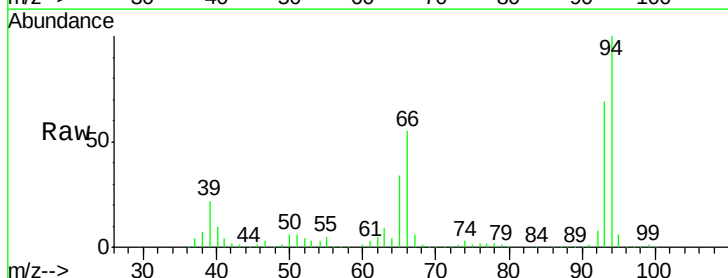
Tgt Ion: 93 Resp: 655171

Ion Ratio Lower Upper

93 100

66 79.0 55.8 83.6

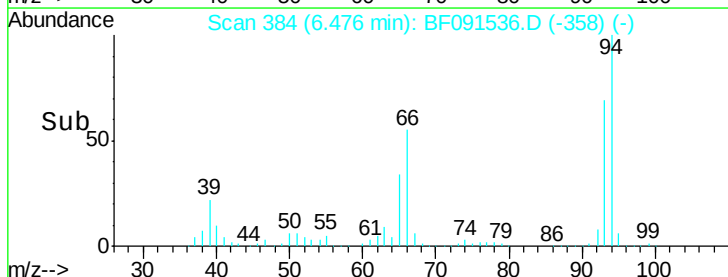
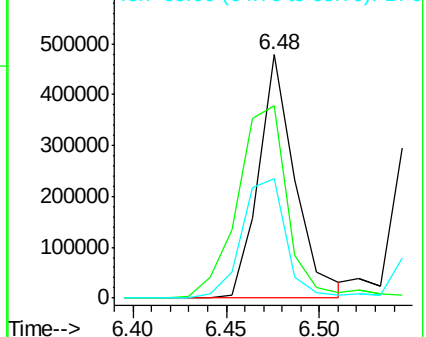
65 49.1 29.9 44.9#

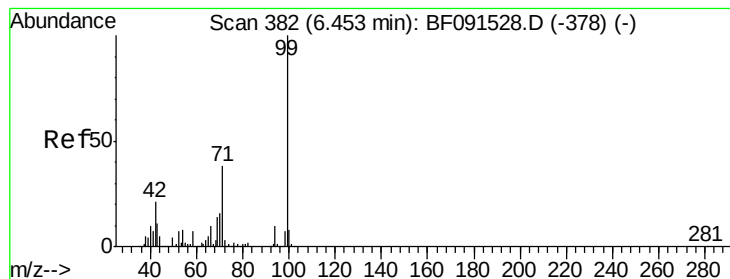


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.27 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

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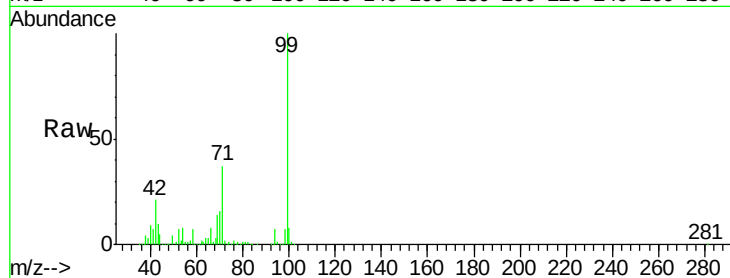
Tgt Ion: 99 Resp: 2686829

Ion Ratio Lower Upper

99 100

42 21.0 20.6 31.0

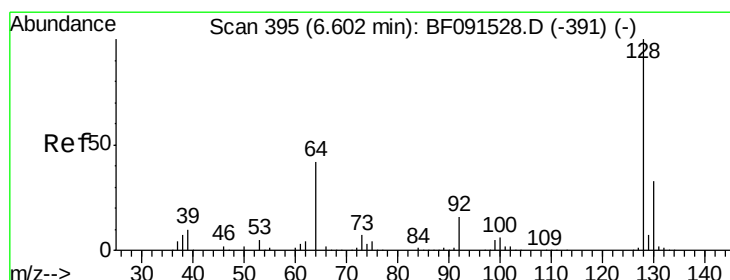
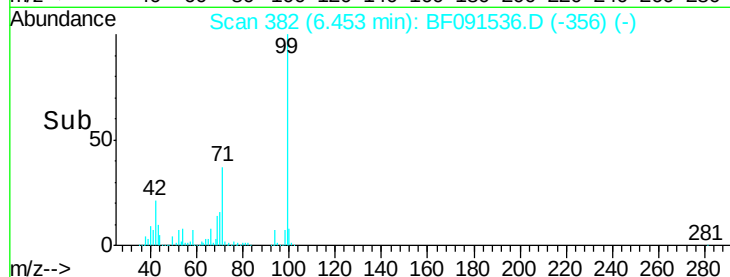
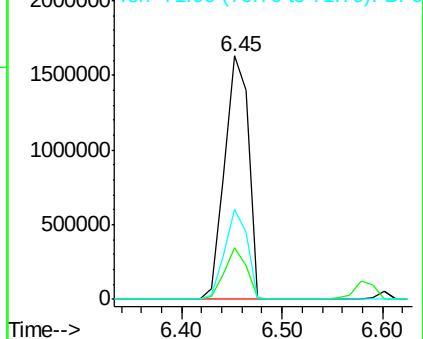
71 37.0 29.9 44.9



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: 27.55 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

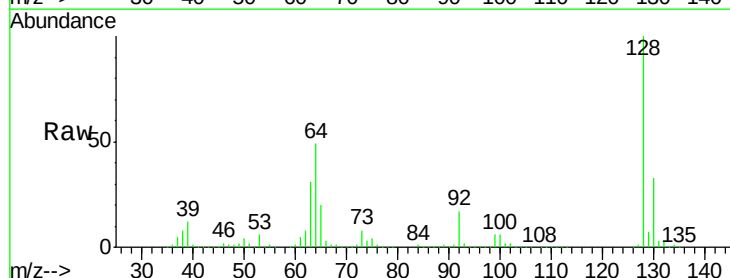
Tgt Ion: 128 Resp: 834945

Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

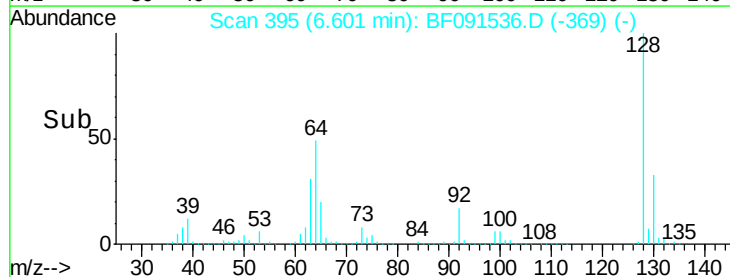
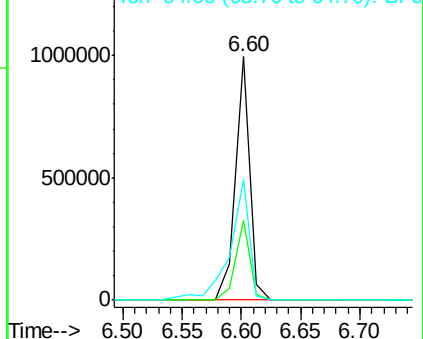
64 49.4 24.1 64.1

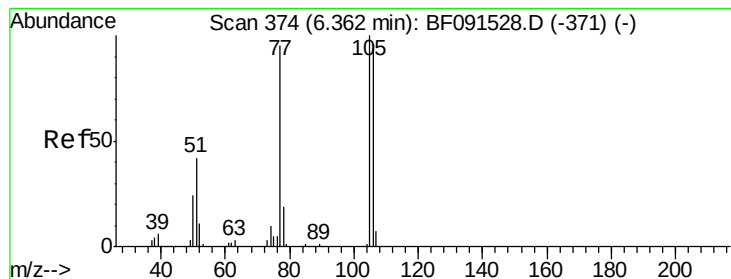


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.20 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

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Acq: 9 Dec 2016 19:25

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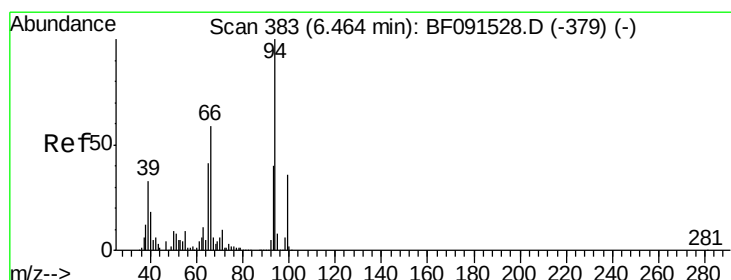
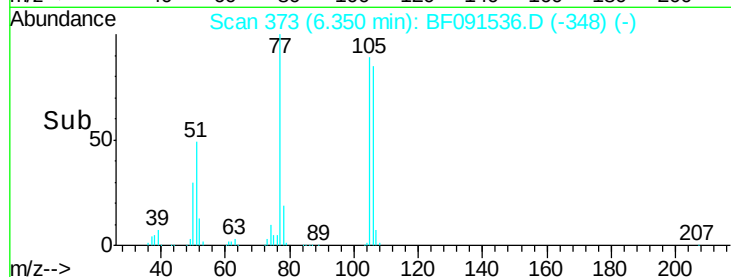
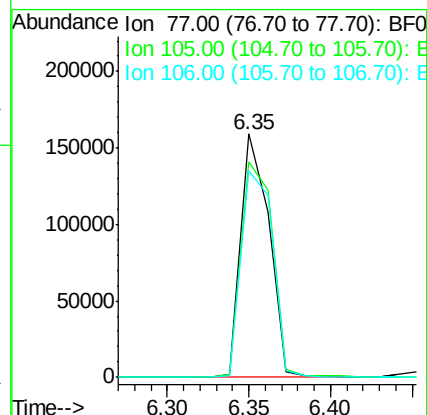
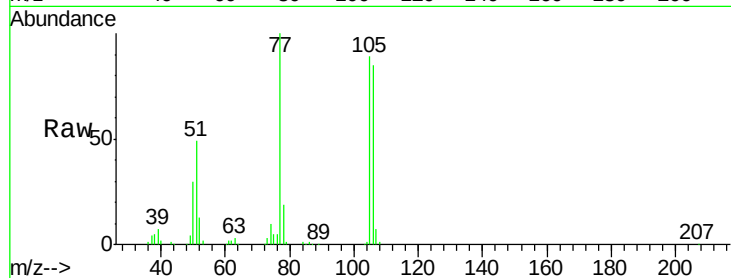
Tgt Ion: 77 Resp: 188887

Ion Ratio Lower Upper

77 100

105 88.5 66.4 106.4

106 85.0 60.9 100.9



#10

Phenol

Concen: 24.21 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

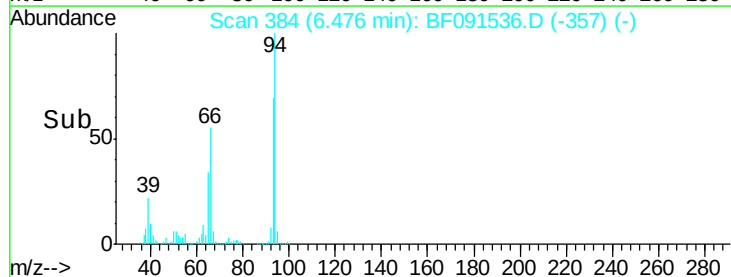
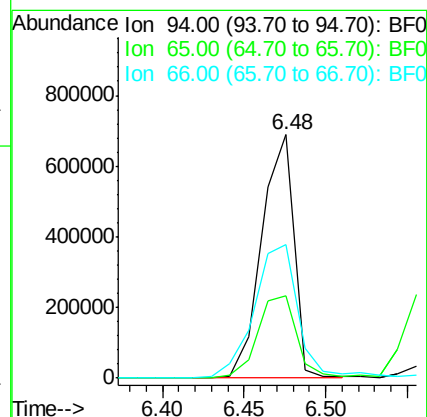
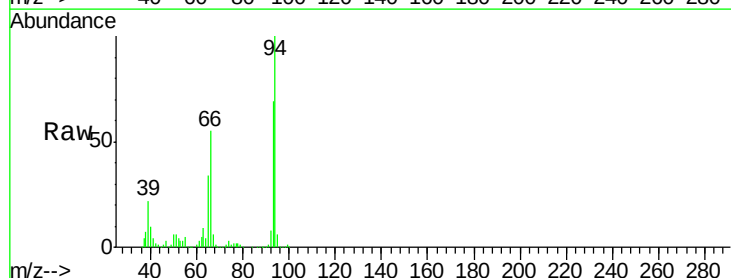
Tgt Ion: 94 Resp: 947312

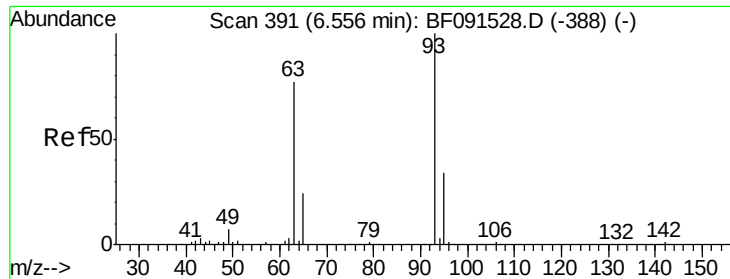
Ion Ratio Lower Upper

94 100

65 34.1 16.9 56.9

66 54.9 30.6 70.6

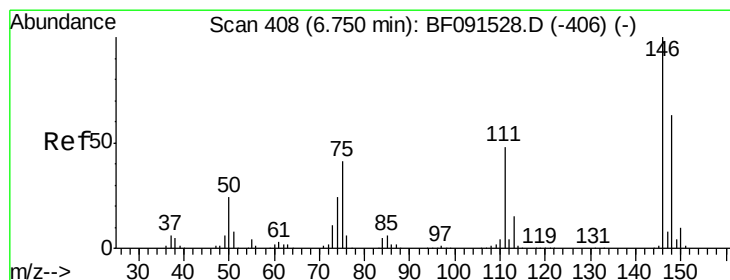
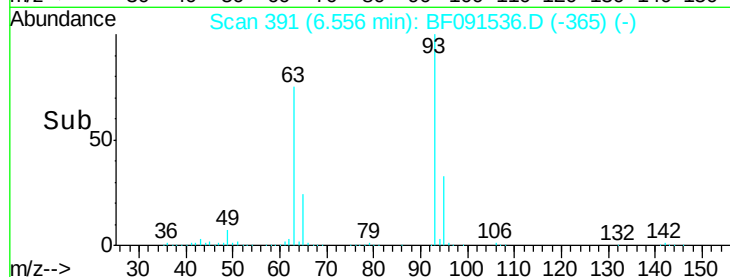
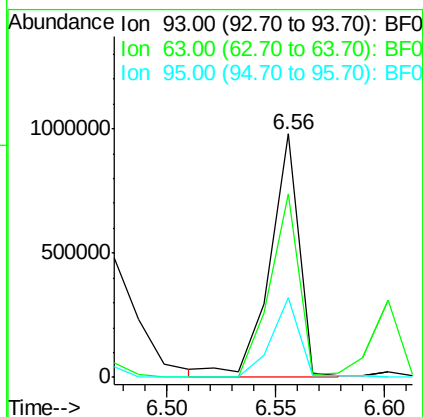
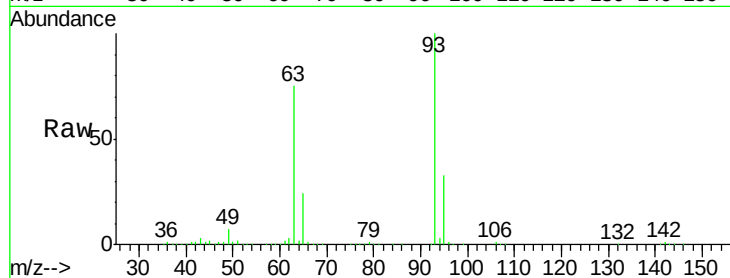




#11
bis(2-Chloroethyl)ether
Concen: 31.79 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

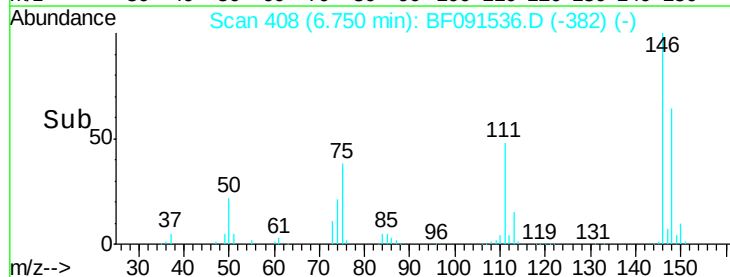
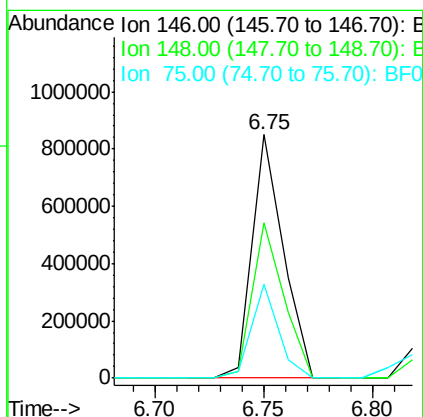
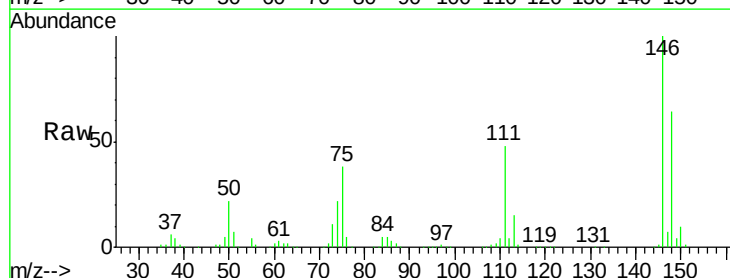
Instrument :
BNA_F
ClientSampleId :
PB95122BS

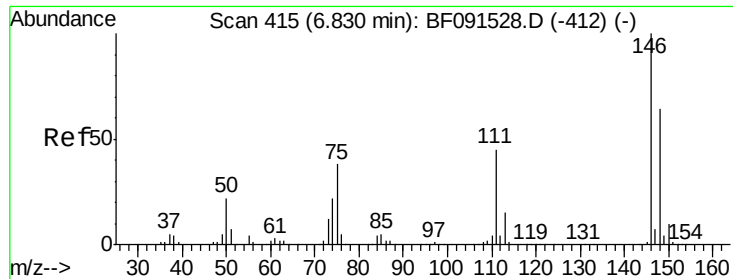
Tgt Ion: 93 Resp: 934608
Ion Ratio Lower Upper
93 100
63 75.4 74.8 114.8
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 25.87 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion: 146 Resp: 850346
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
75 38.4 23.6 35.4#

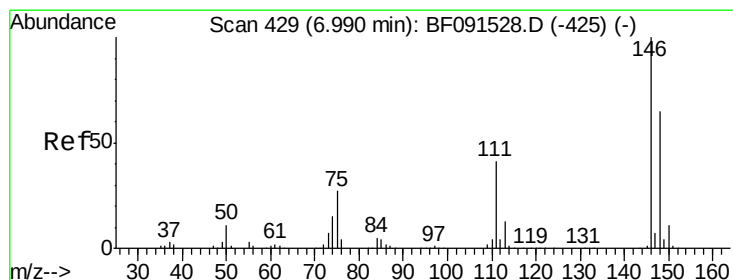
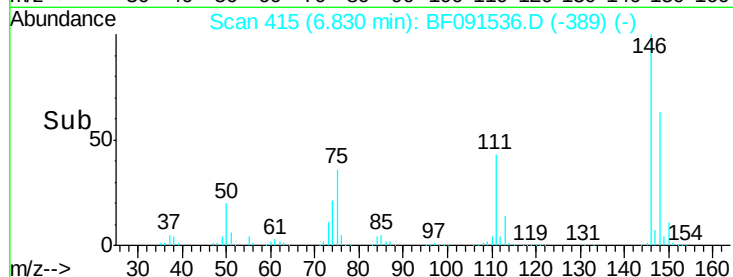
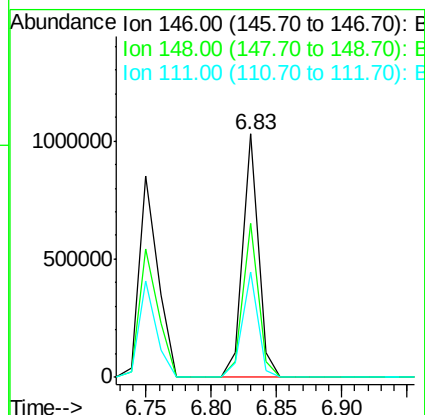
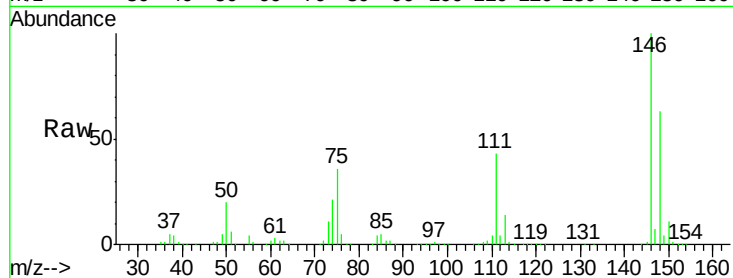




#13
 1,4-Dichlorobenzene
 Concen: 26.27 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

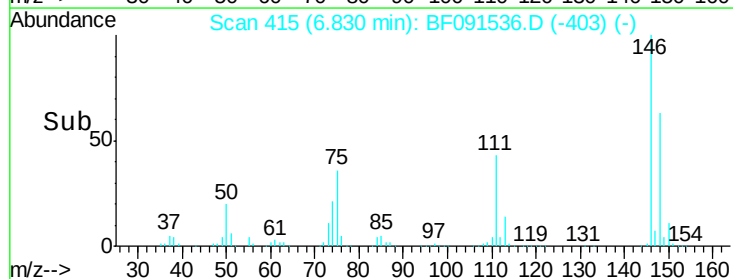
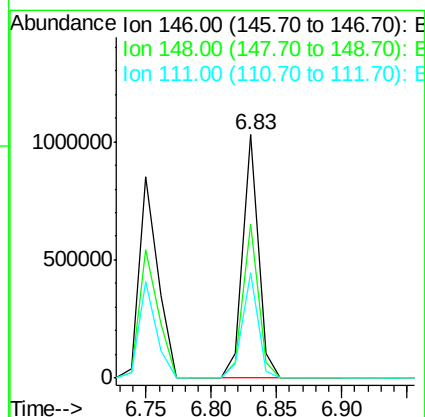
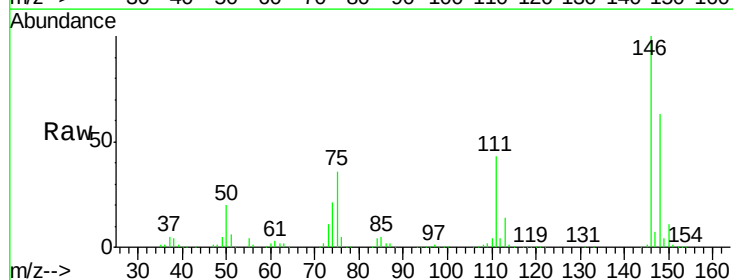
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

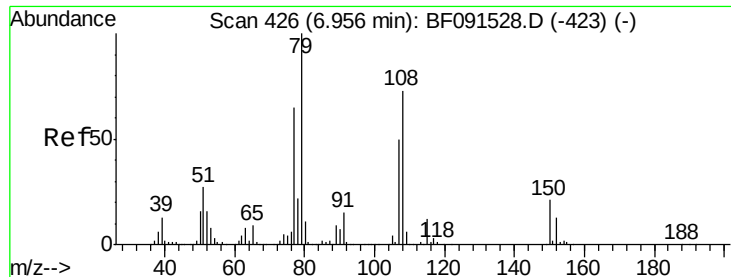
Tgt Ion:146 Resp: 851692
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.0
 111 43.3 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 29.16 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:146 Resp: 851692
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.6
 111 43.3 38.9 58.3





#15

Benzyl Alcohol

Concen: 26.82 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

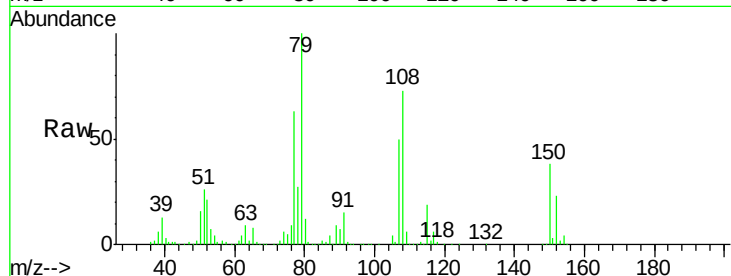
Tgt Ion: 79 Resp: 708914

Ion Ratio Lower Upper

79 100

108 73.3 62.7 94.1

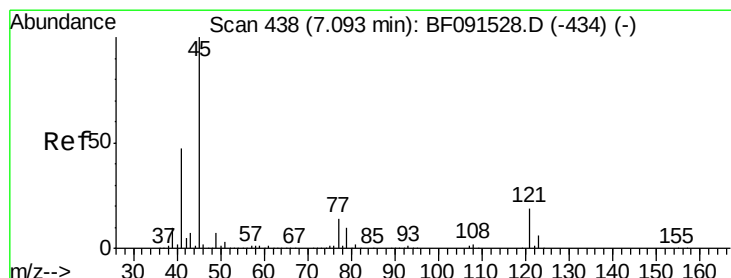
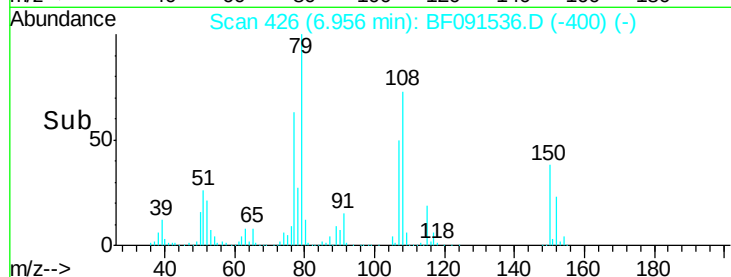
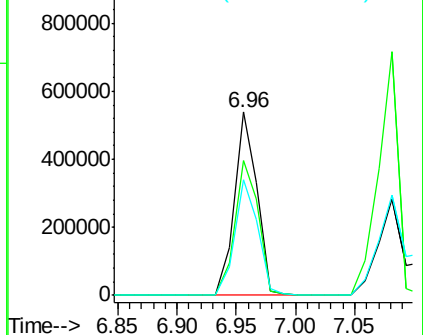
77 63.2 51.7 77.5



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: 27.82 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

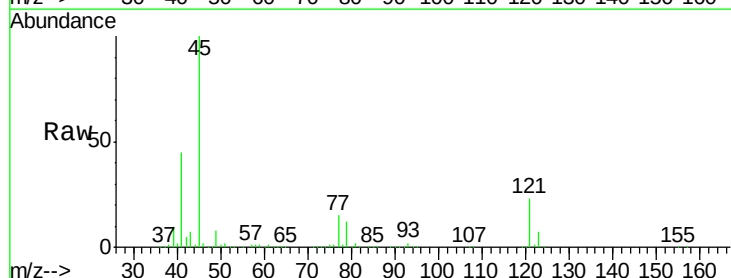
Tgt Ion: 45 Resp: 1267590

Ion Ratio Lower Upper

45 100

77 14.7 3.8 43.8

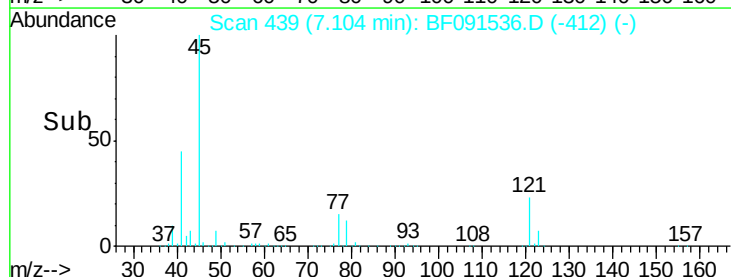
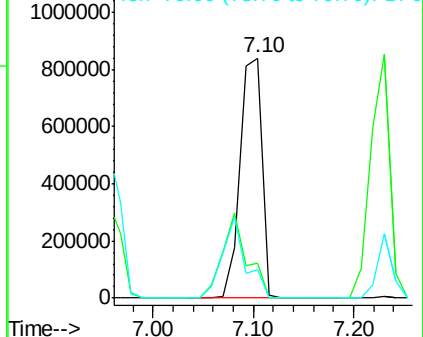
79 11.8 0.2 40.2

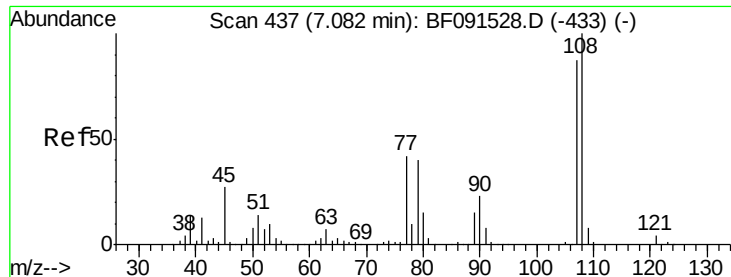


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 28.98 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tgt Ion:107 Resp: 726814

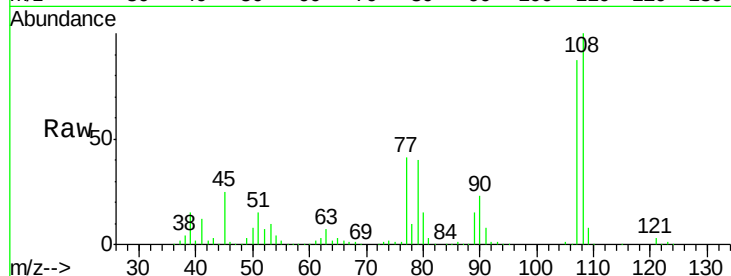
Ion Ratio Lower Upper

107 100

108 114.7 67.7 101.5#

77 47.5 40.7 61.1

79 45.3 23.4 35.2#

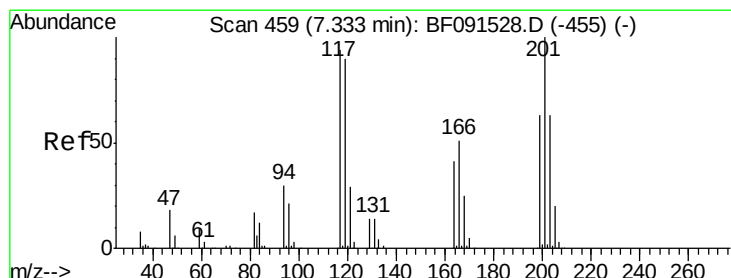
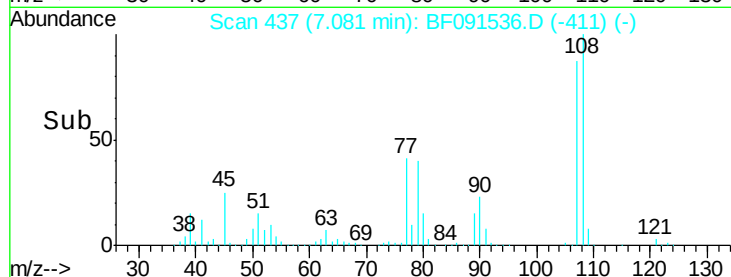
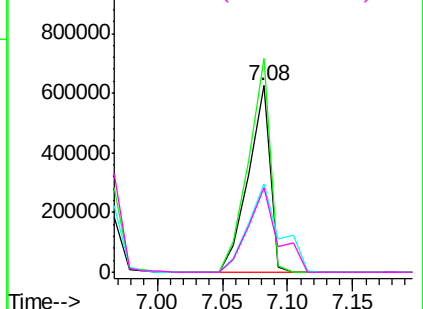


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 26.63 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

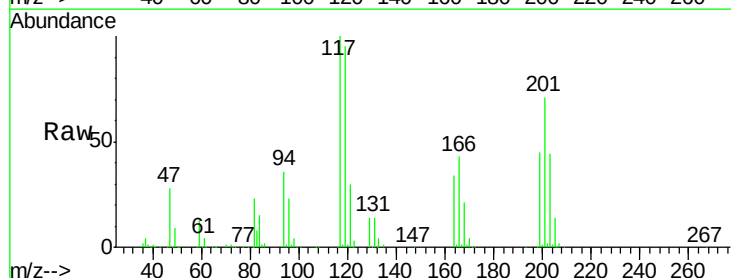
Tgt Ion:117 Resp: 336899

Ion Ratio Lower Upper

117 100

119 94.9 78.6 118.0

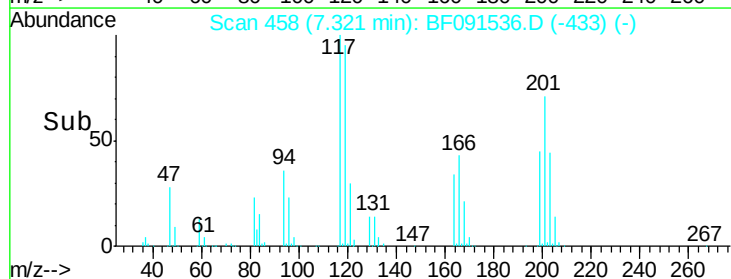
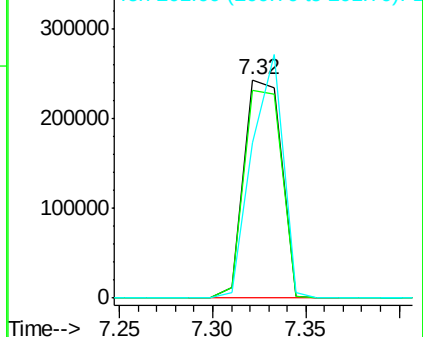
201 70.8 86.7 130.1#

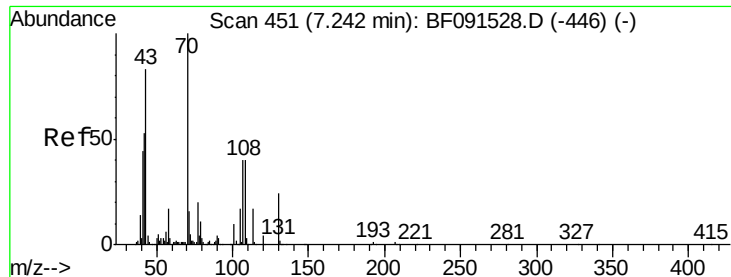


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

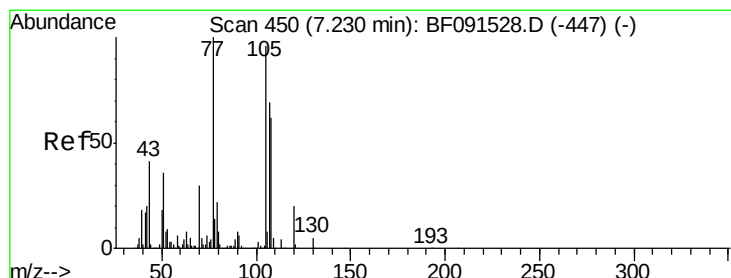
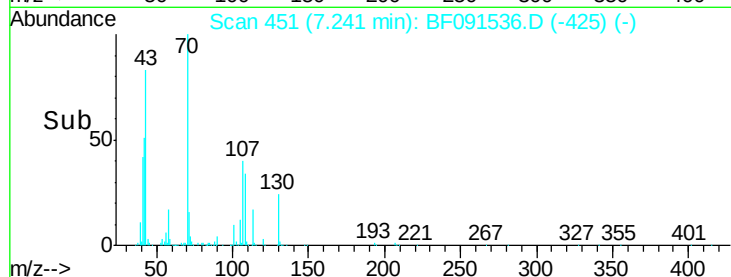
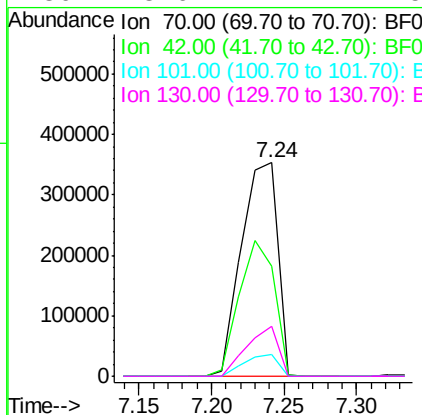
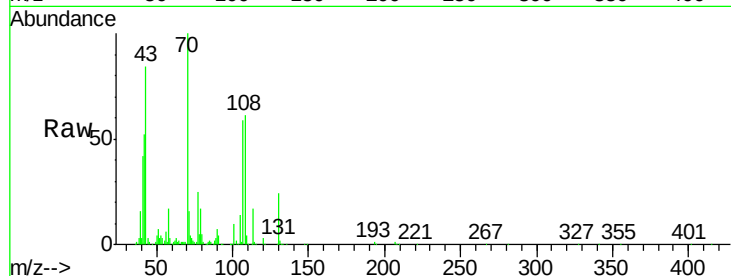




#19
n-Nitroso-di-n-propylamine
Concen: 29.37 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

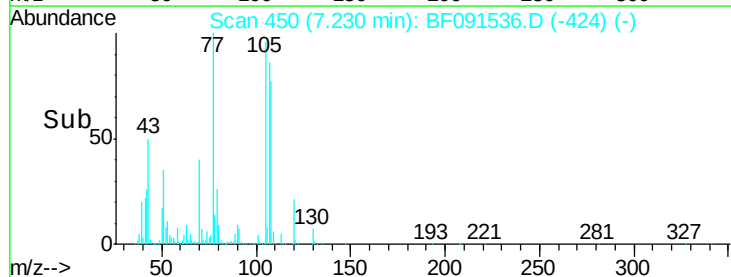
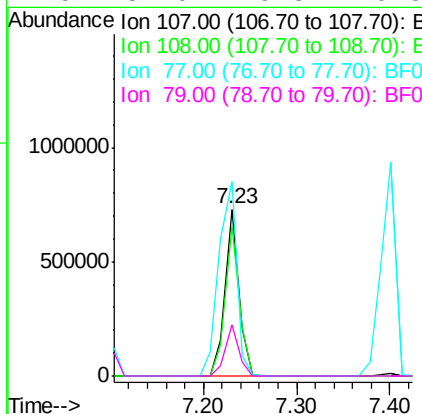
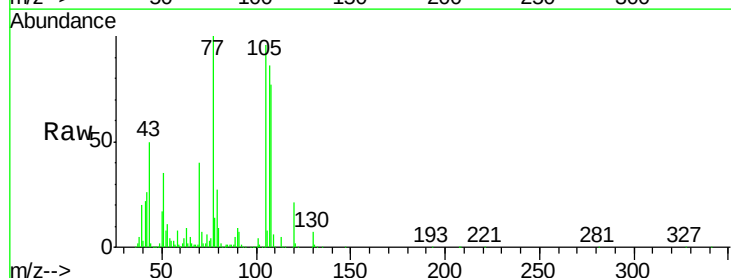
Instrument :
BNA_F
ClientSampleId :
PB95122BS

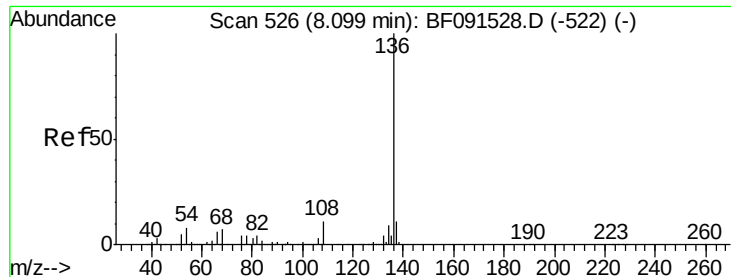
Tgt Ion: 70 Resp: 614641
Ion Ratio Lower Upper
70 100
42 51.5 64.8 97.2#
101 10.3 6.2 9.4#
130 23.6 11.7 17.5#



#20
3+4-Methylphenols
Concen: 26.91 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion: 107 Resp: 762705
Ion Ratio Lower Upper
107 100
108 90.0 64.6 104.6
77 116.6 30.9 70.9#
79 31.0 9.3 49.3

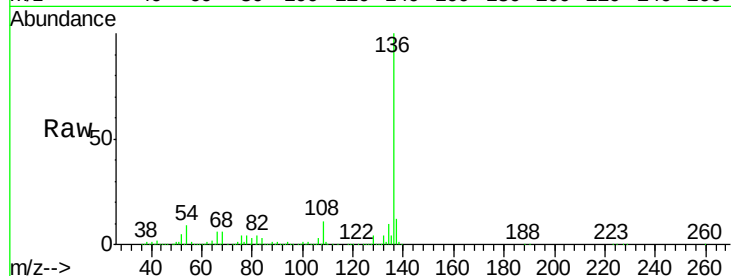




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tgt Ion:	136	Resp:	1778637
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	8.8	9.1	13.7#
68	6.3	5.9	8.9



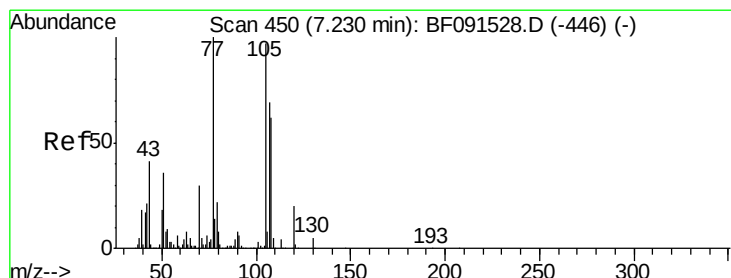
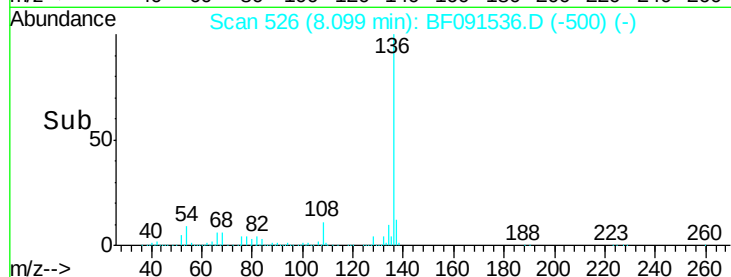
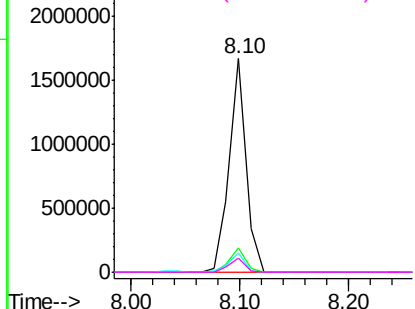
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

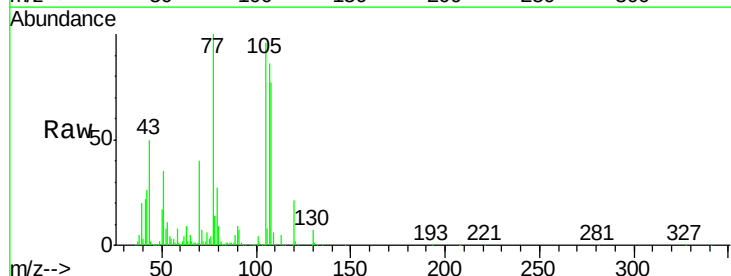
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 27.19 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion:	105	Resp:	1158904
Ion	Ratio	Lower	Upper
105	100		
71	6.9	7.9	11.9#
51	36.4	24.5	36.7
120	21.4	16.6	24.8



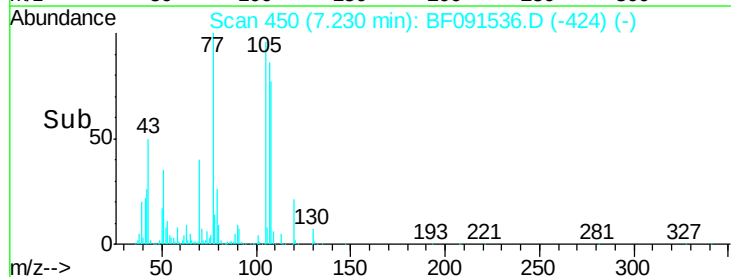
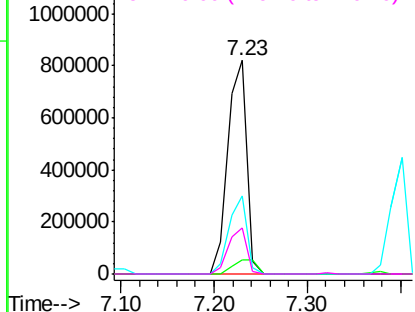
Abundance

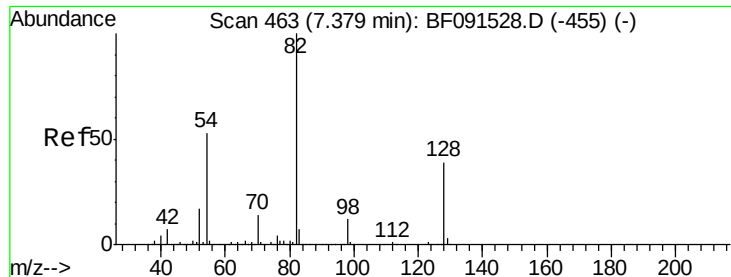
Ion 105.00 (104.70 to 105.70): E

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

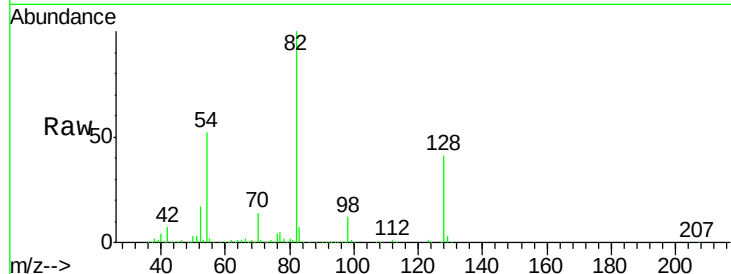




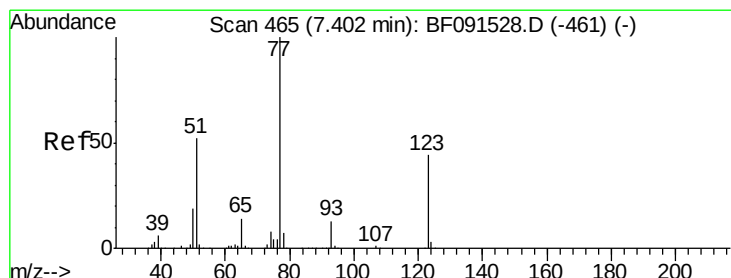
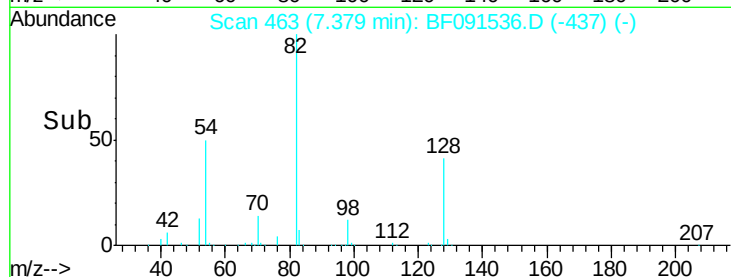
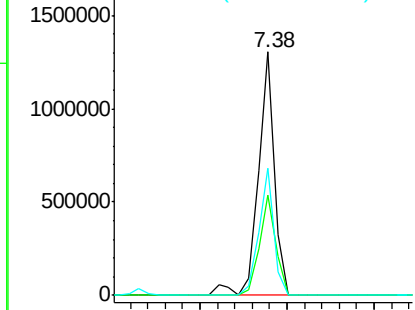
#23
 Nitrobenzene-d5
 Concen: 53.74 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion: 82 Resp: 1712532
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.8 47.6
 54 52.3 49.1 73.7

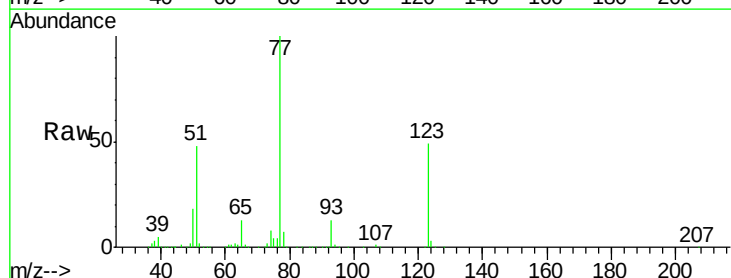


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

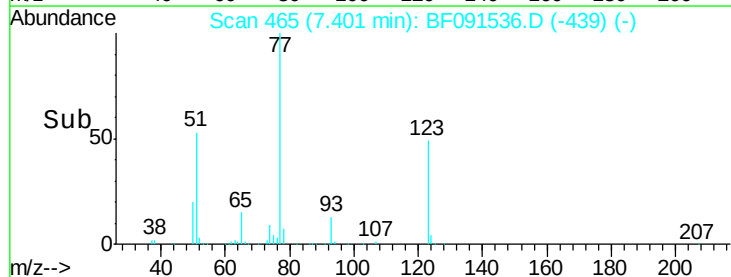
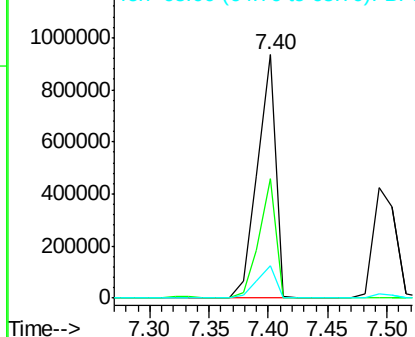


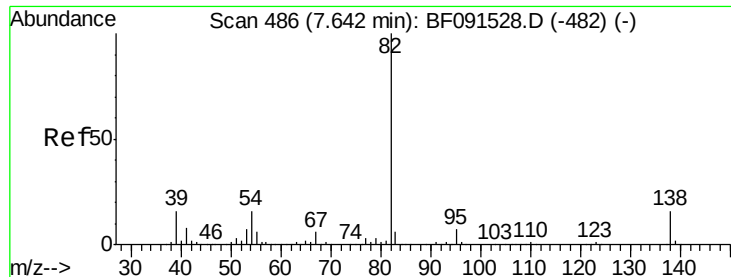
#24
 Nitrobenzene
 Concen: 30.06 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion: 77 Resp: 1012250
 Ion Ratio Lower Upper
 77 100
 123 49.0 28.5 42.7#
 65 13.4 12.5 18.7



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





#25

Isophorone

Concen: 29.79 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

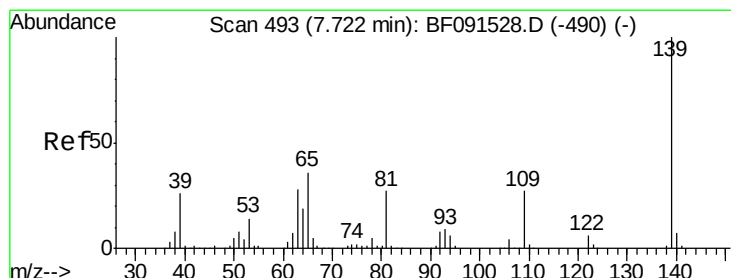
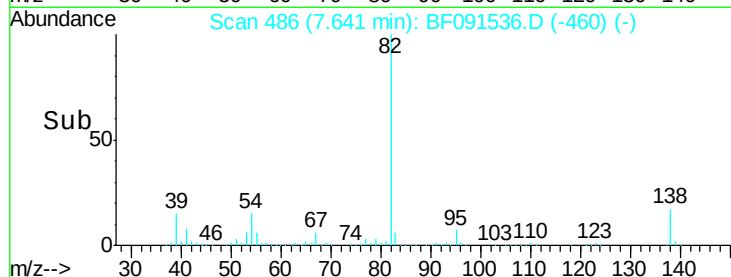
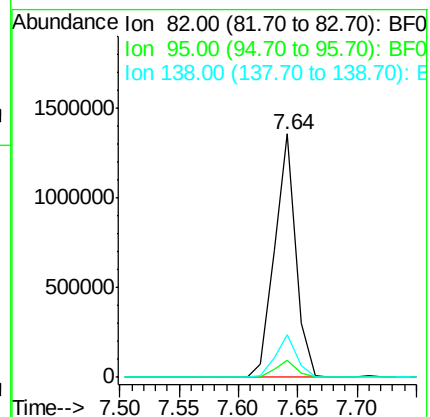
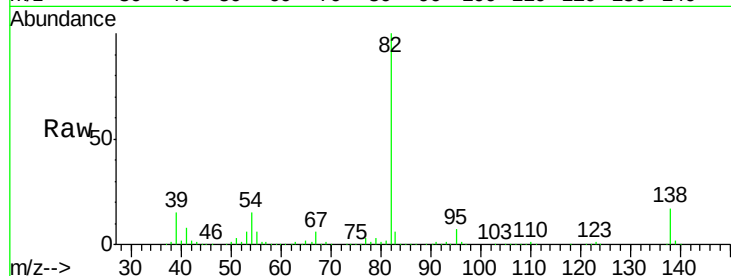
Tgt Ion: 82 Resp: 1687349

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 17.3 13.4 20.0



#26

2-Nitrophenol

Concen: 29.55 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

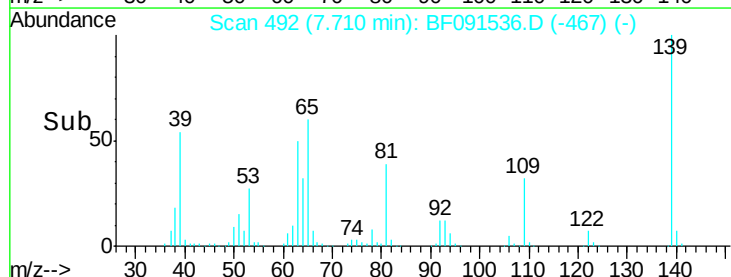
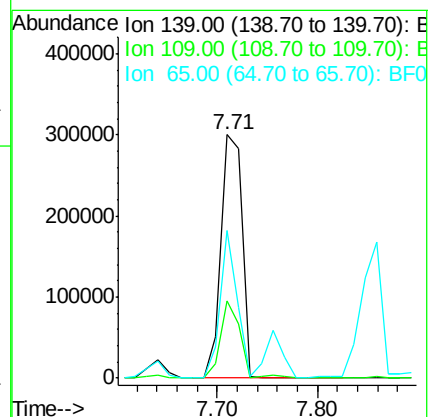
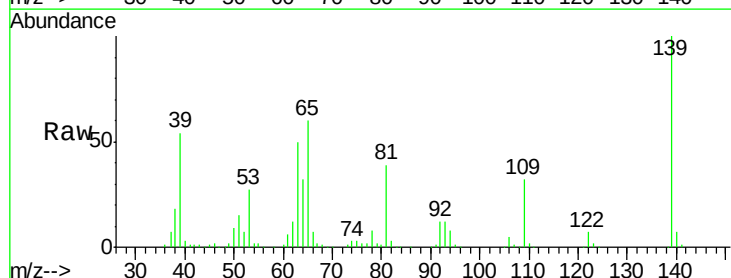
Tgt Ion: 139 Resp: 439106

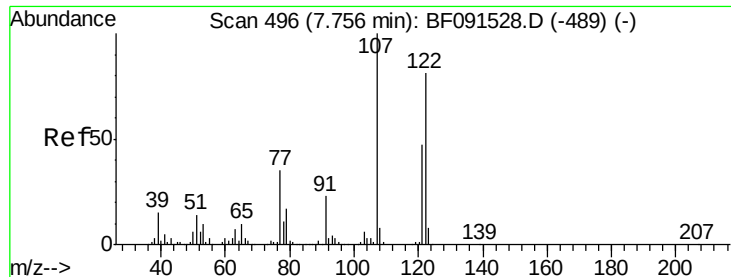
Ion Ratio Lower Upper

139 100

109 31.6 25.3 37.9

65 60.5 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 29.30 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

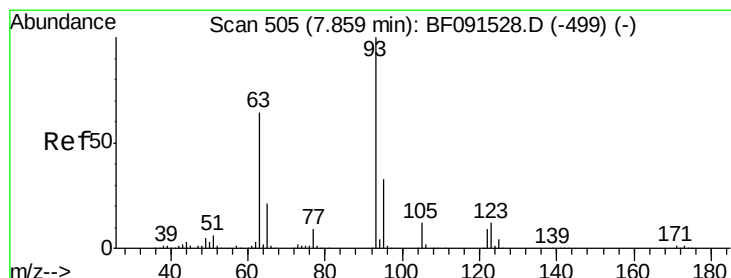
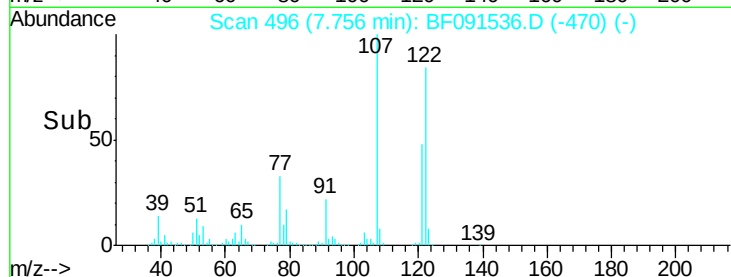
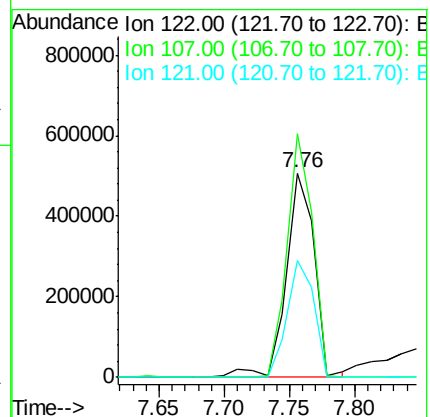
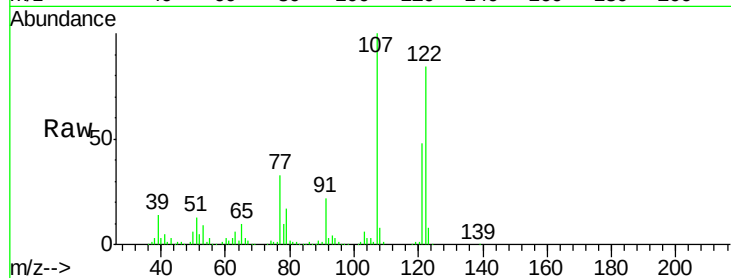
Tgt Ion:122 Resp: 764655

Ion Ratio Lower Upper

122 100

107 119.4 96.8 145.2

121 57.3 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 32.37 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

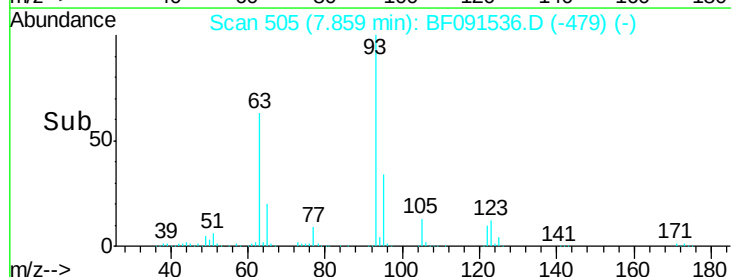
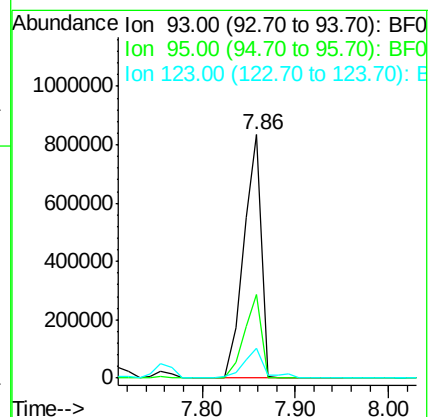
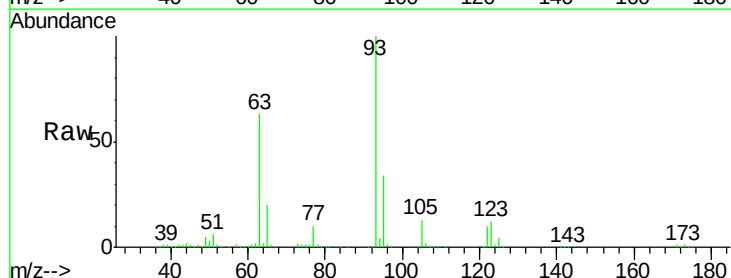
Tgt Ion: 93 Resp: 1075763

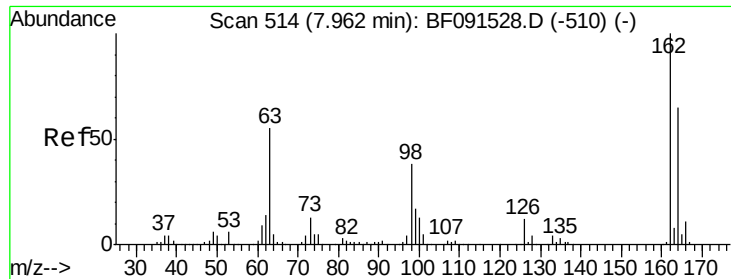
Ion Ratio Lower Upper

93 100

95 34.2 26.0 39.0

123 12.4 8.6 12.8

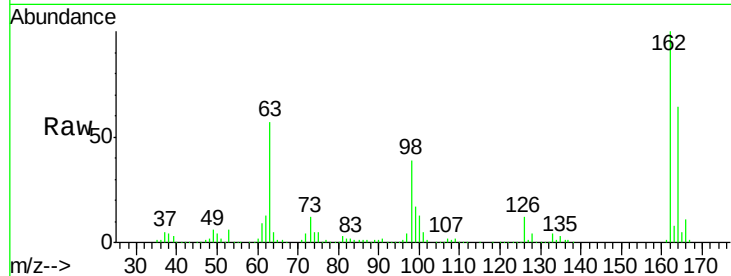




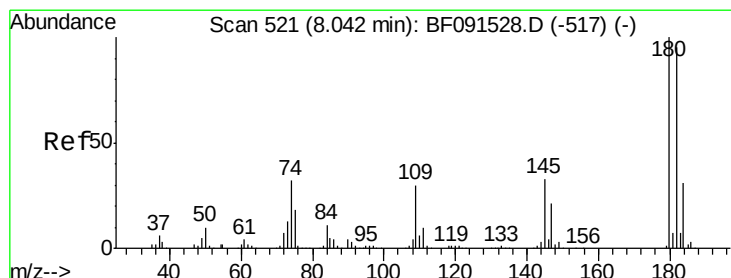
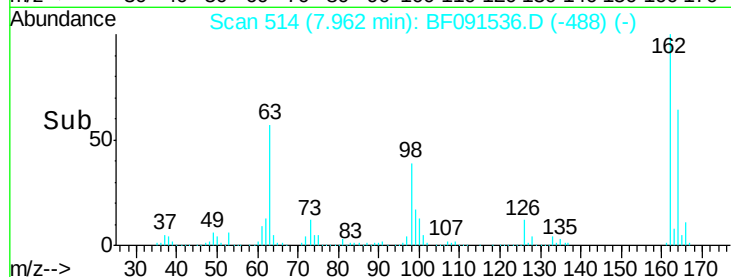
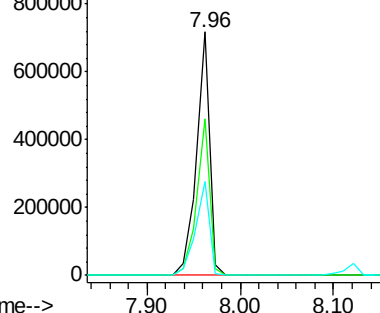
#29
 2,4-Dichlorophenol
 Concen: 30.67 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:162 Resp: 696551
 Ion Ratio Lower Upper
 162 100
 164 64.4 45.0 85.0
 98 38.7 21.3 61.3

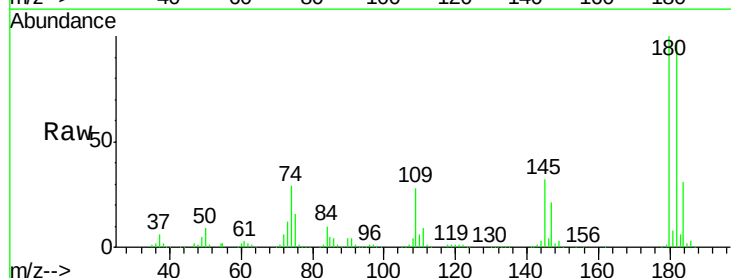


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

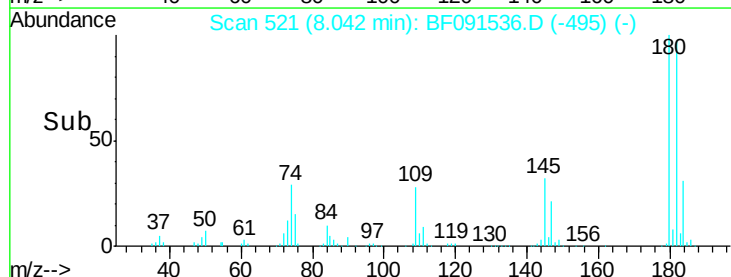
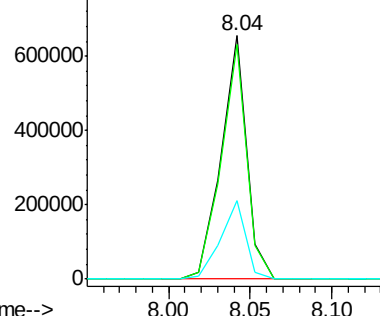


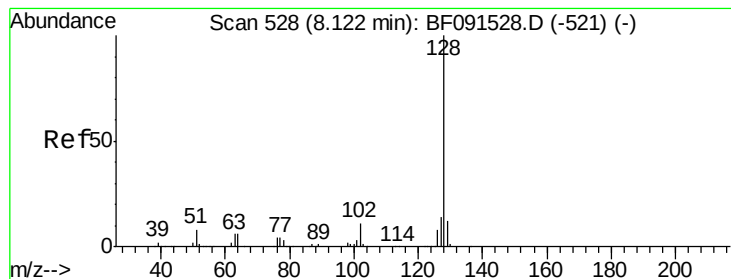
#30
 1,2,4-Trichlorobenzene
 Concen: 27.50 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:180 Resp: 709768
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.8 113.8
 145 32.4 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: 27.40 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

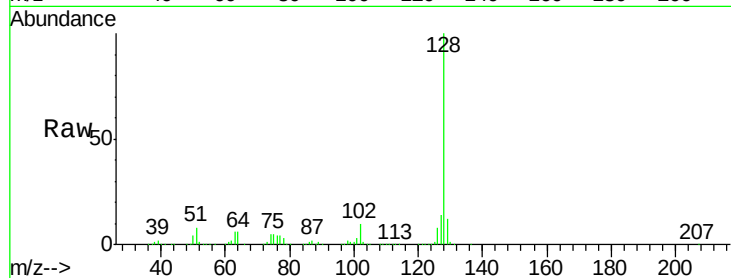
Tgt Ion:128 Resp: 2267635

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

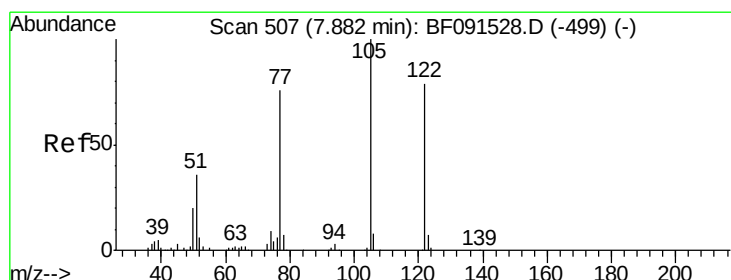
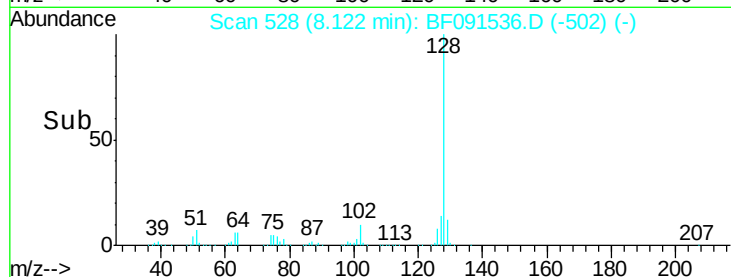
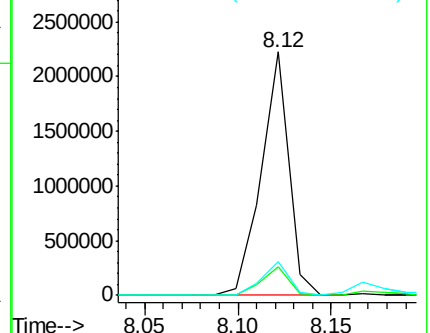
127 13.7 11.0 16.4



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: 30.10 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

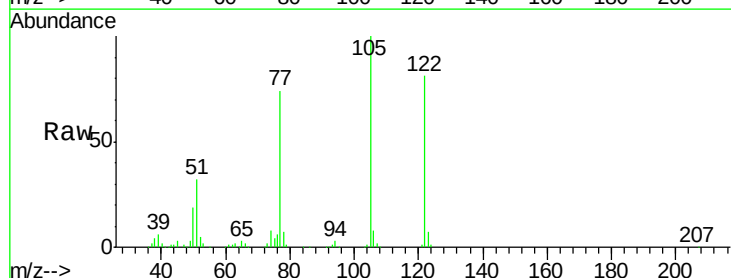
Tgt Ion:122 Resp: 525695

Ion Ratio Lower Upper

122 100

105 123.7 113.0 153.0

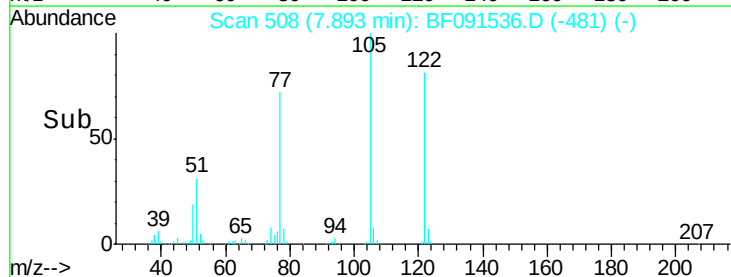
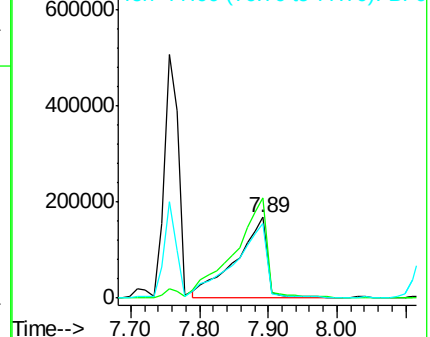
77 91.8 82.0 122.0

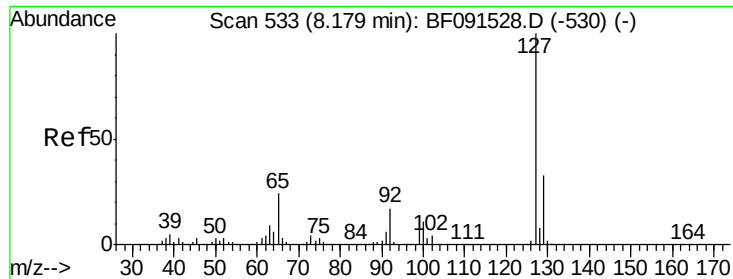


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

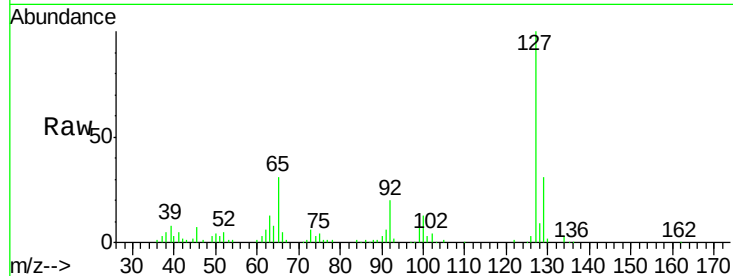




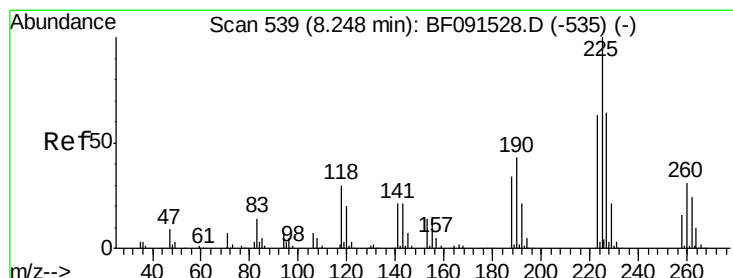
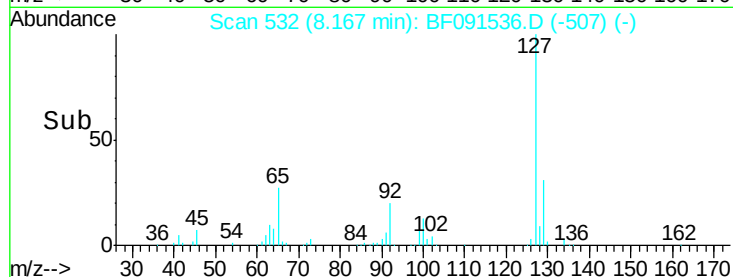
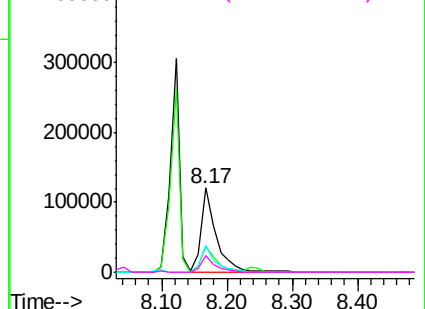
#33
4-Chloroaniline
Concen: 5.54 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tgt Ion:	127	Resp:	197614
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.4
65	31.5	26.6	39.8
92	20.5	15.4	23.0

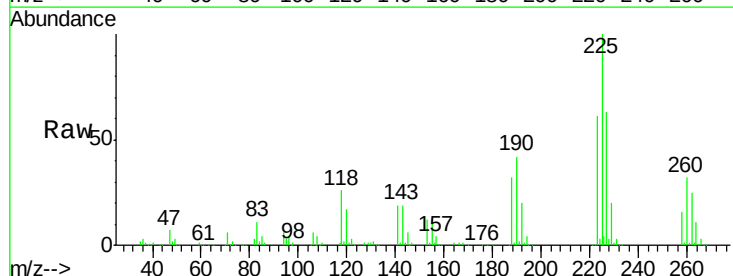


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

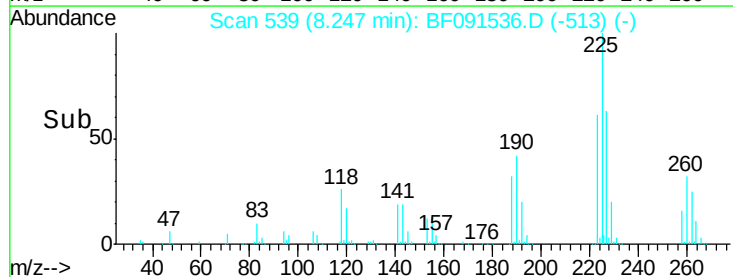
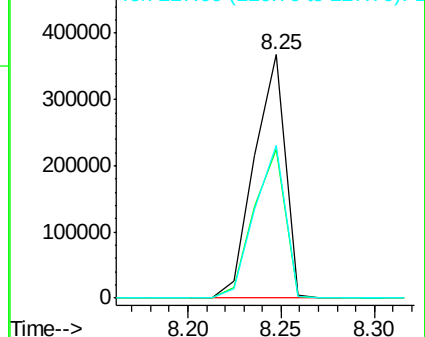


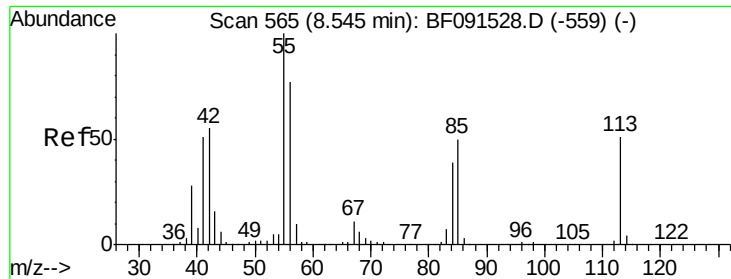
#34
Hexachlorobutadiene
Concen: 28.49 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion:	225	Resp:	421489
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.8	74.6
227	62.8	52.6	79.0



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

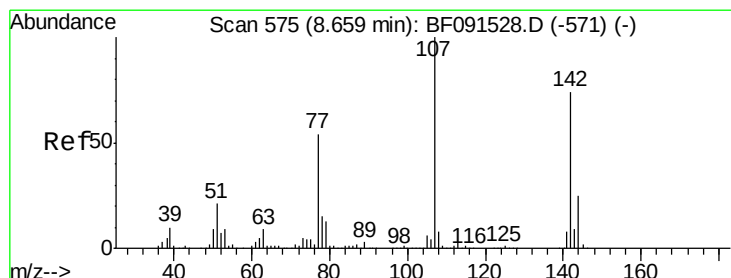
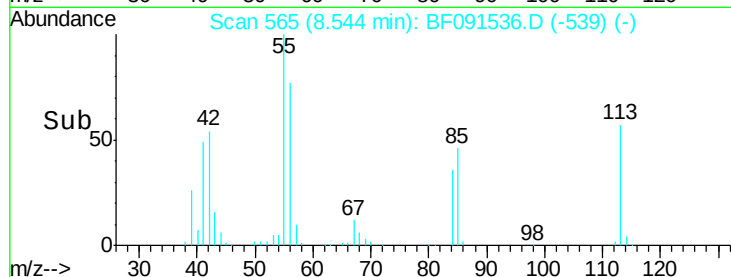
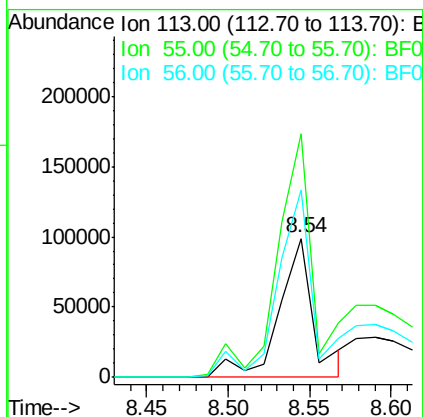
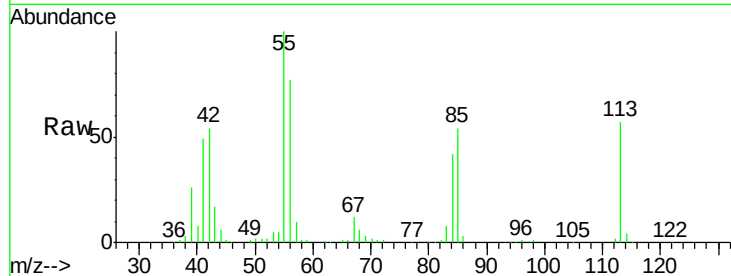




#35
 Caprolactam
 Concen: 21.86 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

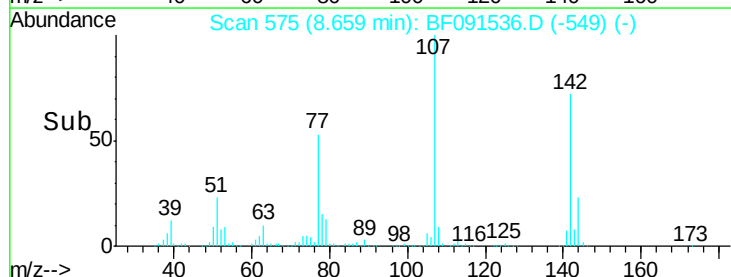
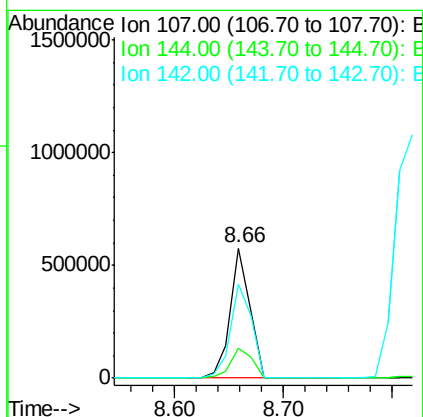
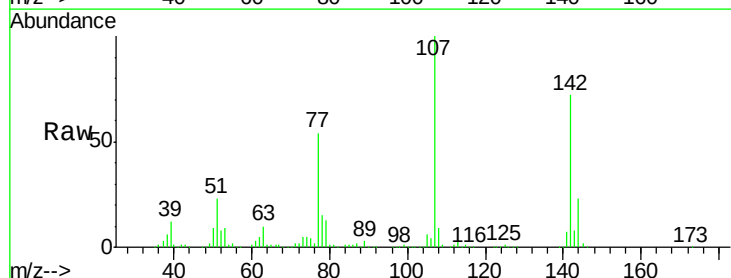
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

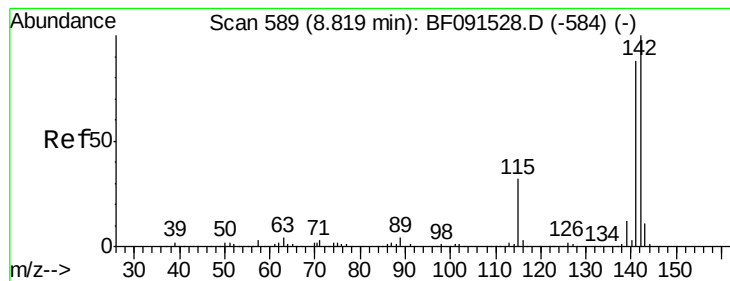
Tgt Ion:113 Resp: 144963
 Ion Ratio Lower Upper
 113 100
 55 175.2 239.8 279.8#
 56 134.6 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 28.36 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:107 Resp: 722202
 Ion Ratio Lower Upper
 107 100
 144 22.8 18.9 28.3
 142 72.0 58.5 87.7





#37

2-Methylnaphthalene

Concen: 28.95 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

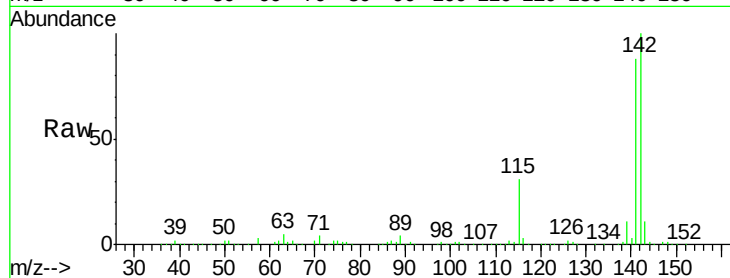
Tgt Ion:142 Resp: 1550824

Ion Ratio Lower Upper

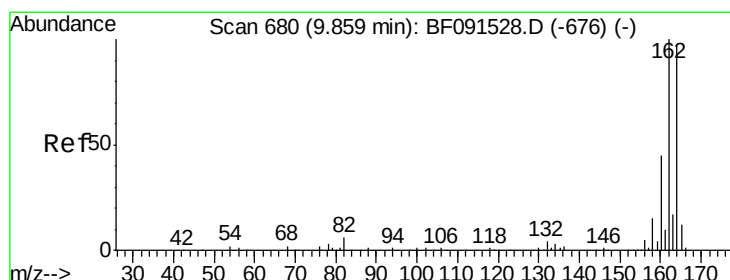
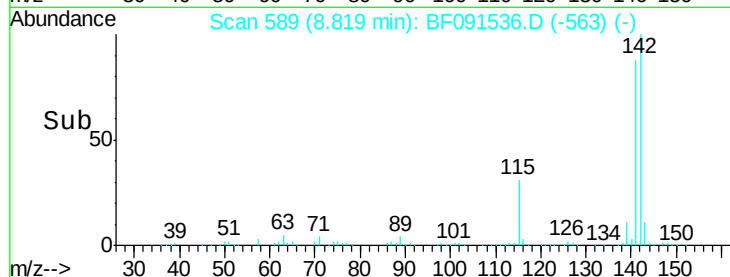
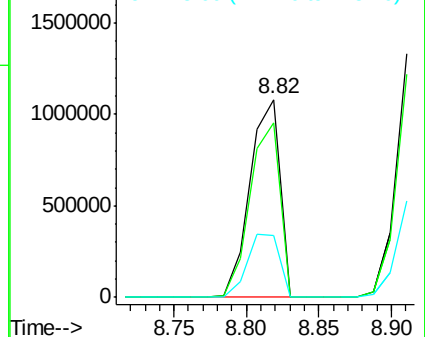
142 100

141 88.3 71.7 107.5

115 31.3 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

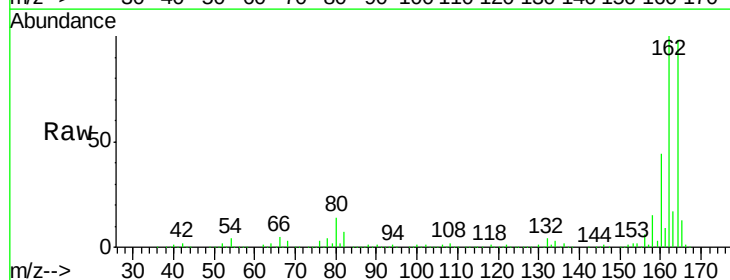
Tgt Ion:164 Resp: 965643

Ion Ratio Lower Upper

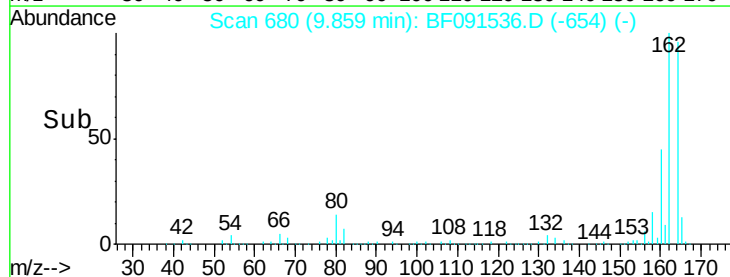
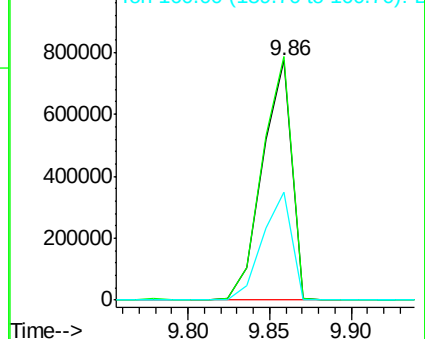
164 100

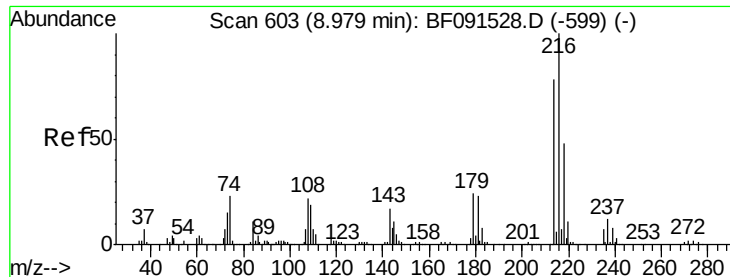
162 101.7 82.6 124.0

160 45.3 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.25 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

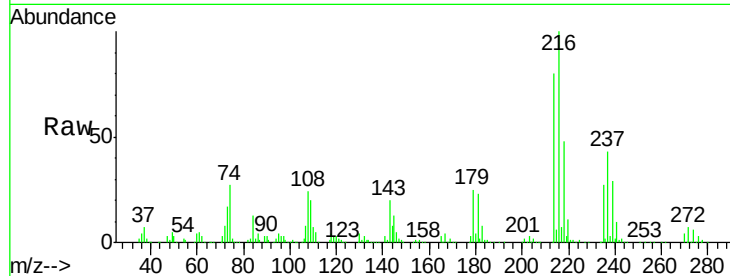
Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tgt Ion:	216	Resp:	589273
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.8
179	23.5	18.2	27.2
108	26.7	17.2	25.8#

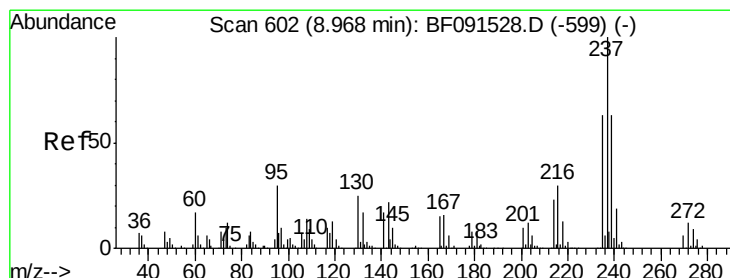
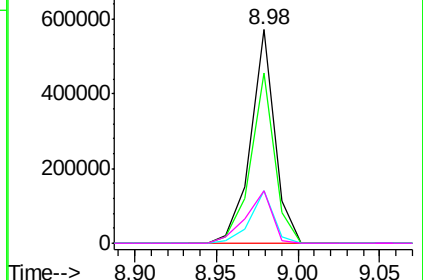
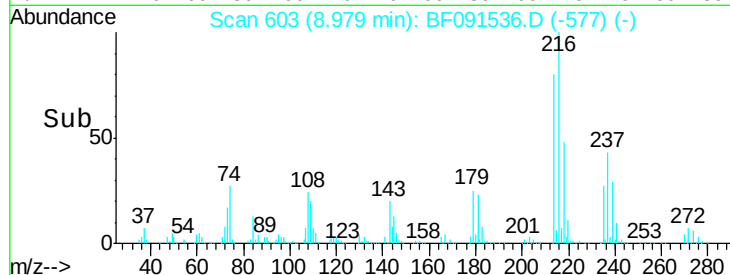


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 60.19 ng

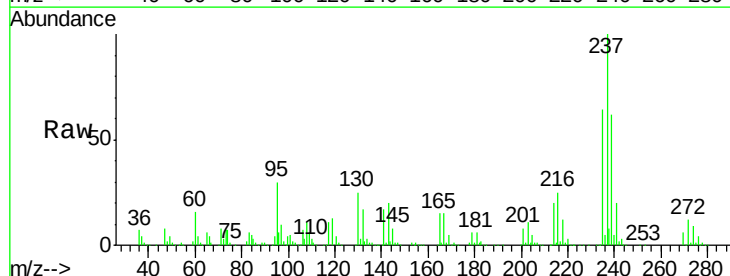
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

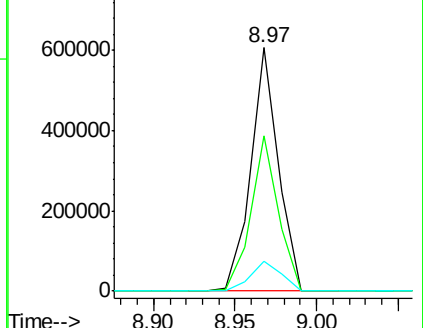
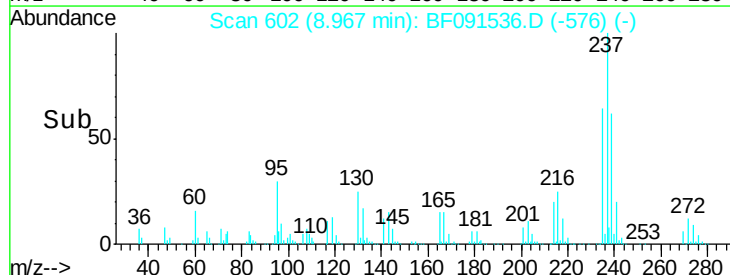
Tgt Ion:	237	Resp:	710762
Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.9	83.9
272	12.1	0.0	33.1

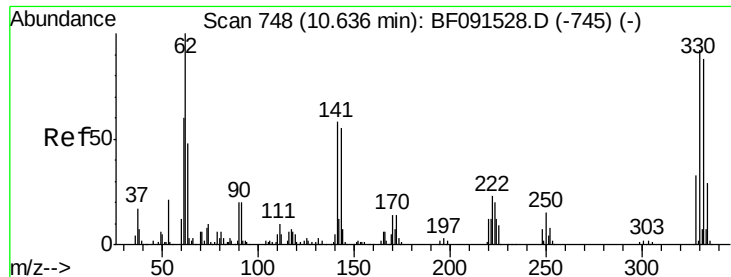


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

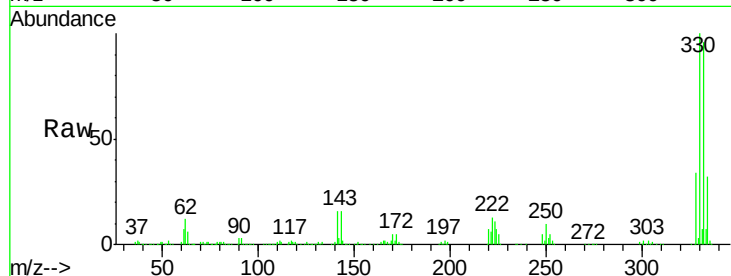




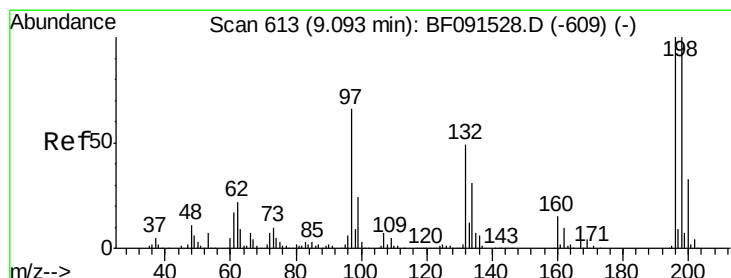
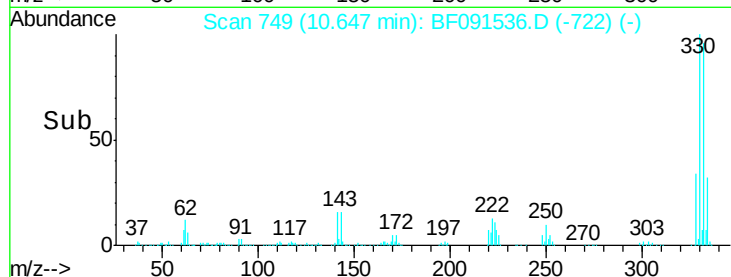
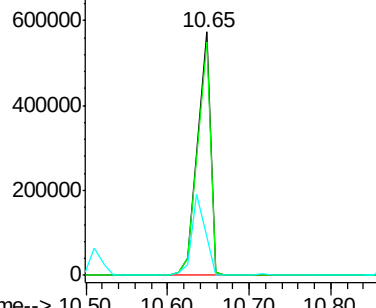
#41
 2,4,6-Tribromophenol
 Concen: 78.89 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:330 Resp: 632718
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 34.6 33.6 50.4

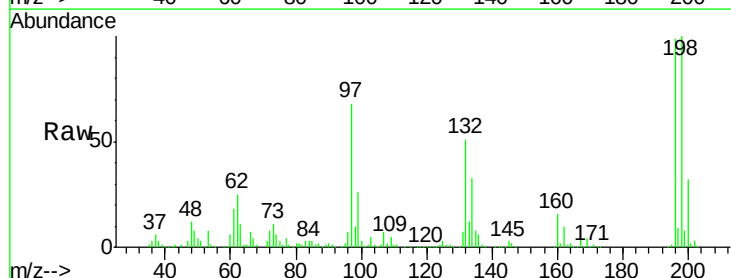


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

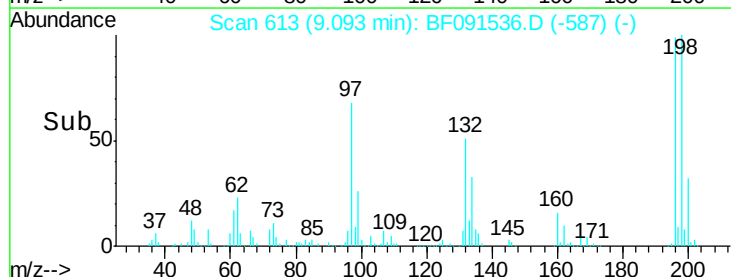
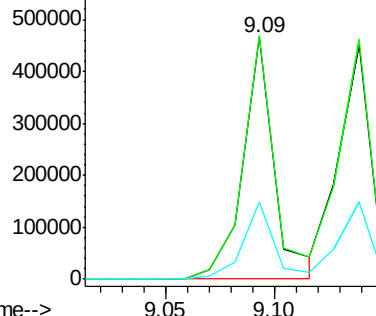


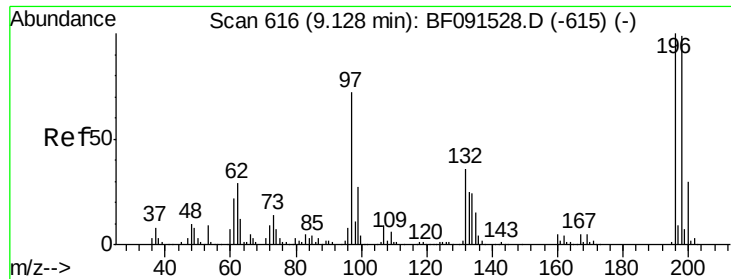
#42
 2,4,6-Trichlorophenol
 Concen: 27.70 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:196 Resp: 471355
 Ion Ratio Lower Upper
 196 100
 198 100.5 77.4 116.0
 200 32.0 25.2 37.8



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

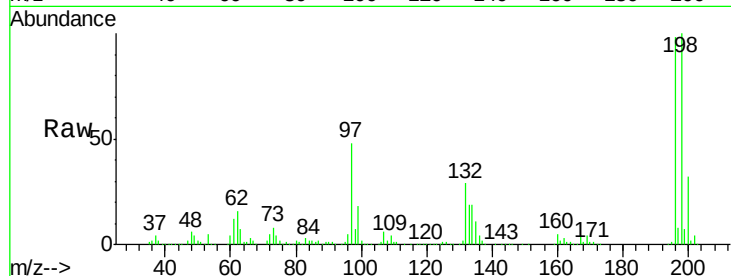




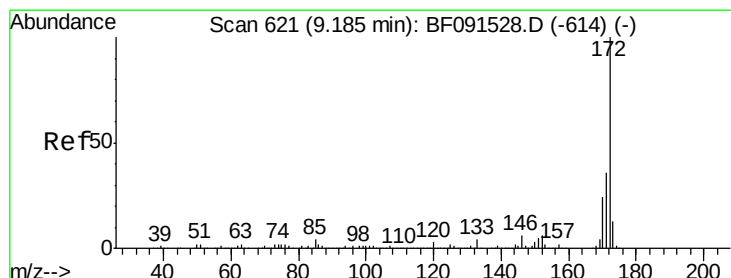
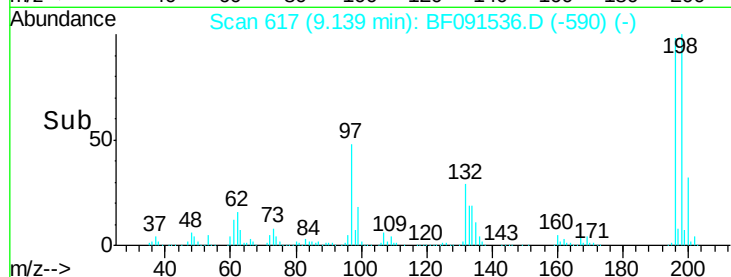
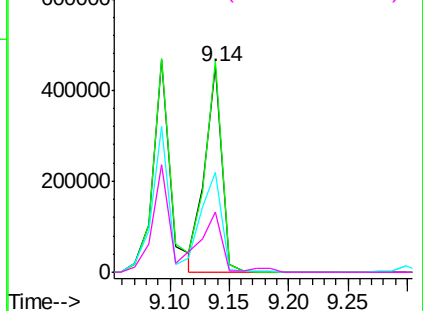
#43
 2,4,5-Trichlorophenol
 Concen: 25.91 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:196 Resp: 453145
 Ion Ratio Lower Upper
 196 100
 198 102.5 77.0 115.6
 97 48.7 33.5 50.3
 132 29.3 20.5 30.7

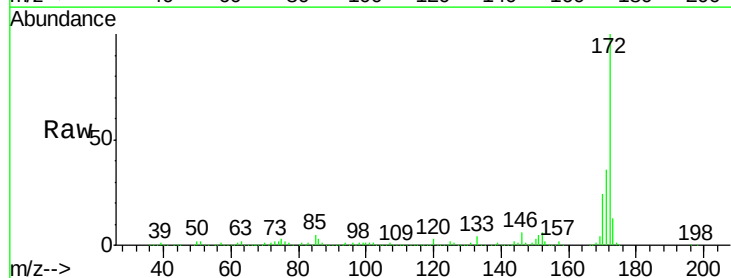


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

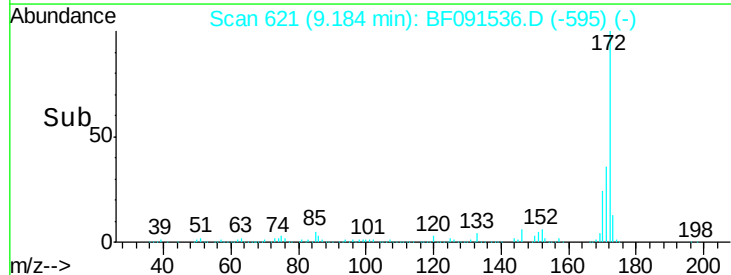
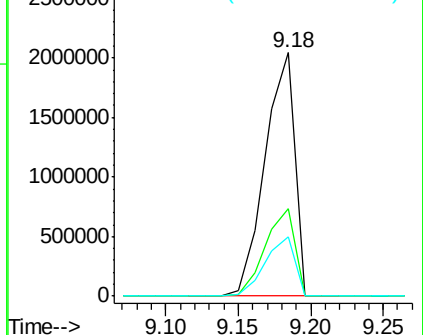


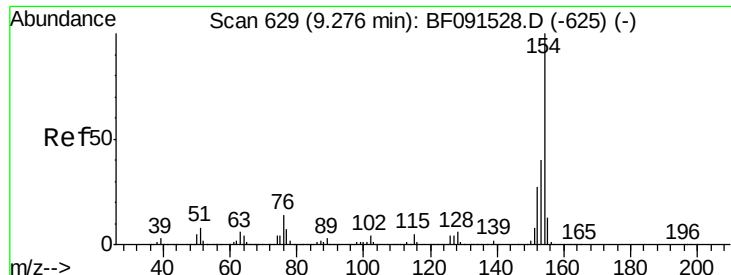
#44
 2-Fluorobiphenyl
 Concen: 51.78 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:172 Resp: 2893903
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.5 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

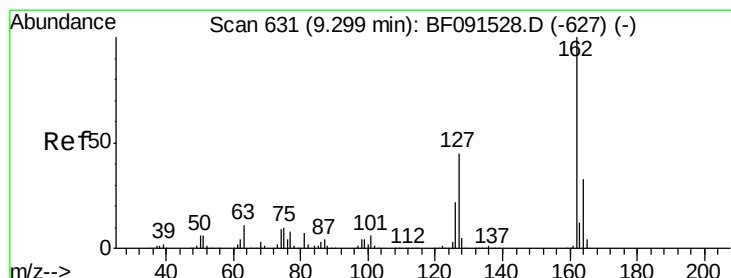
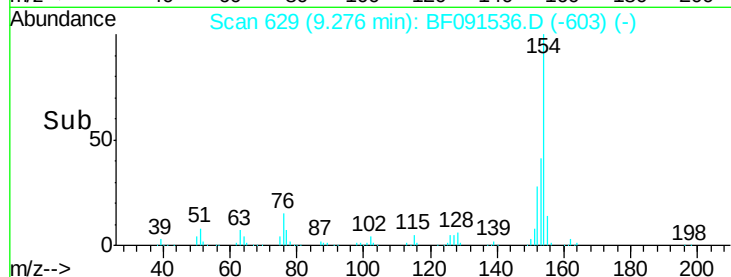
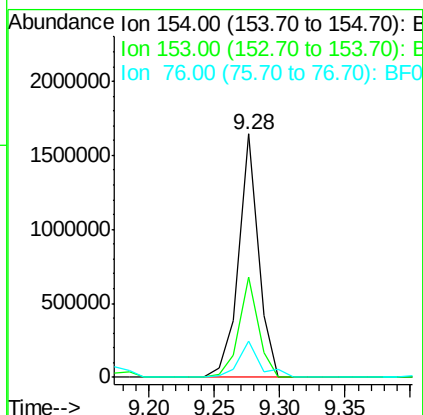
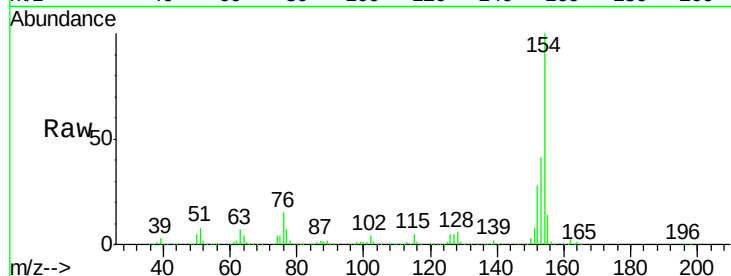




#45
 1,1'-Biphenyl
 Concen: 24.60 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

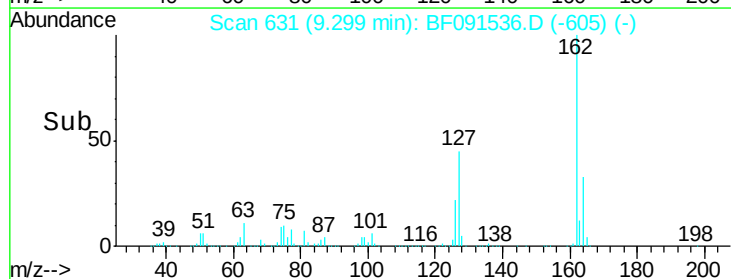
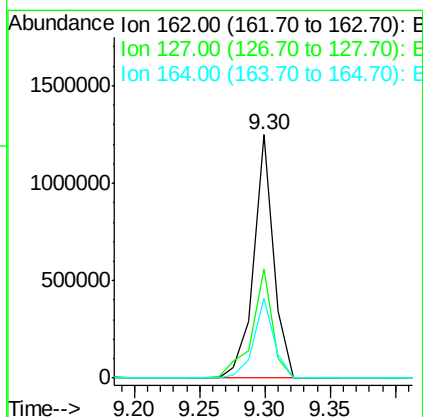
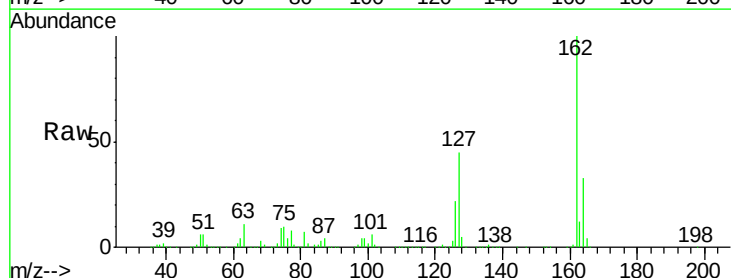
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

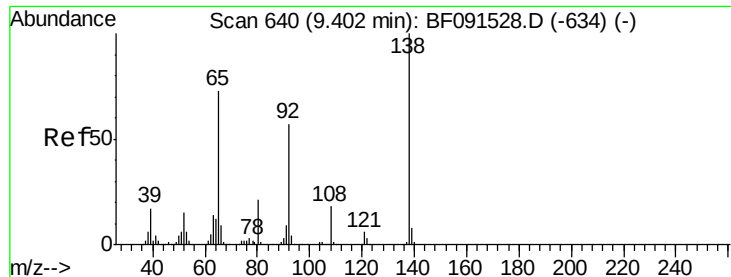
Tgt Ion:154 Resp: 1720453
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 14.6 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 24.57 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:162 Resp: 1330944
 Ion Ratio Lower Upper
 162 100
 127 44.8 34.3 51.5
 164 33.0 26.6 40.0





#47

2-Nitroaniline

Concen: 26.86 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

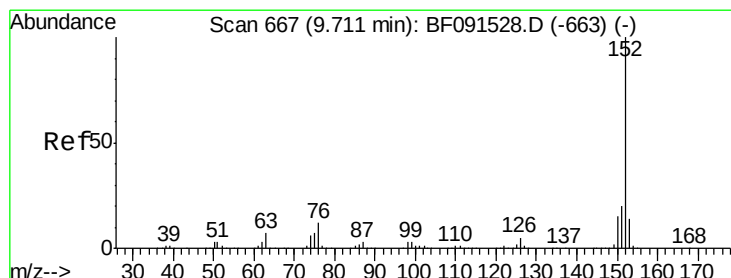
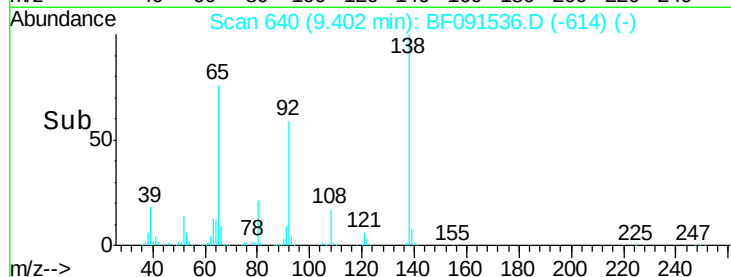
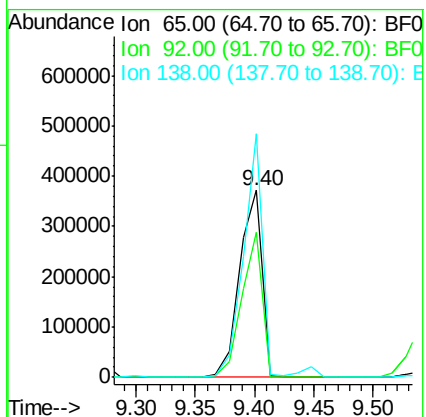
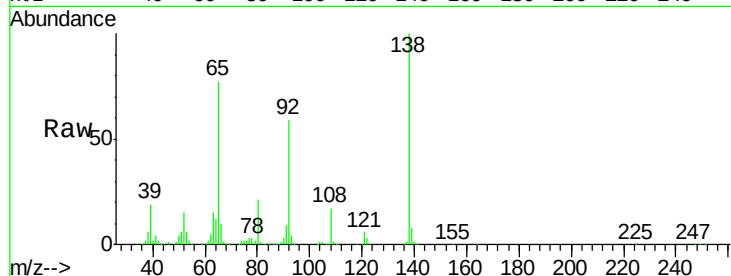
Tgt Ion: 65 Resp: 489129

Ion Ratio Lower Upper

65 100

92 77.3 53.6 80.4

138 130.1 91.0 136.6



#48

Acenaphthylene

Concen: 25.90 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

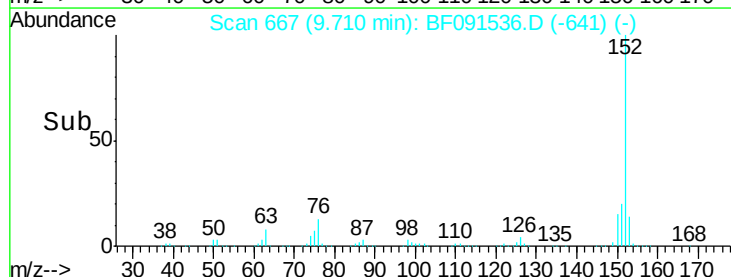
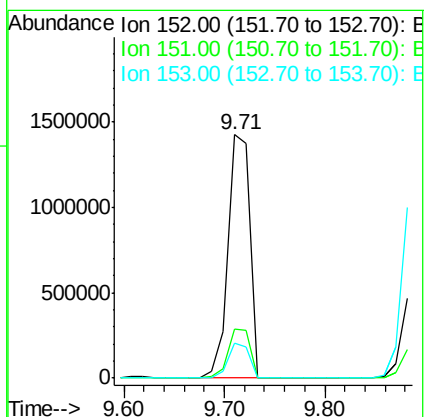
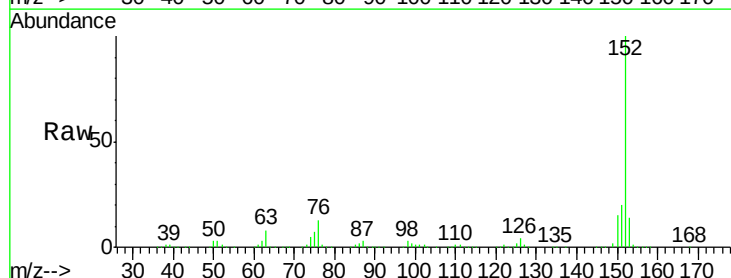
Tgt Ion: 152 Resp: 2138643

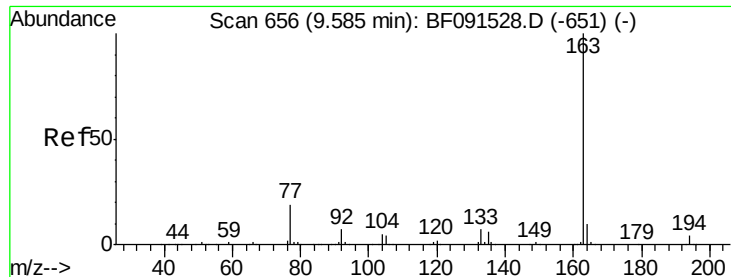
Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.3 10.7 16.1

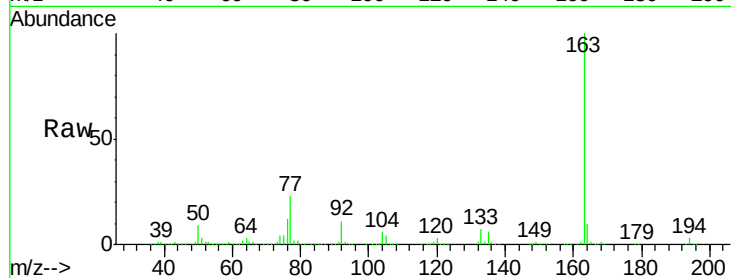




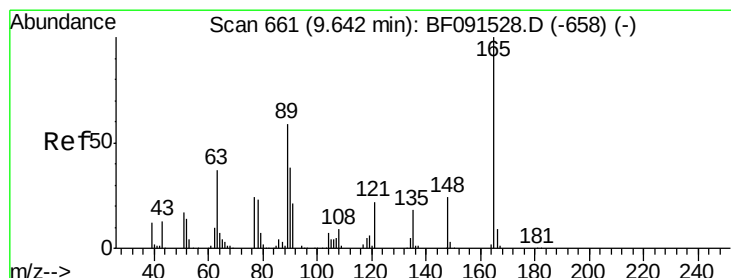
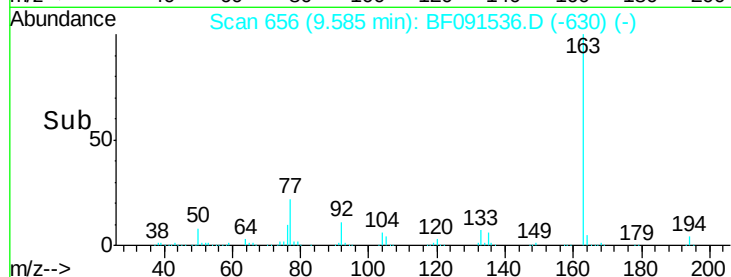
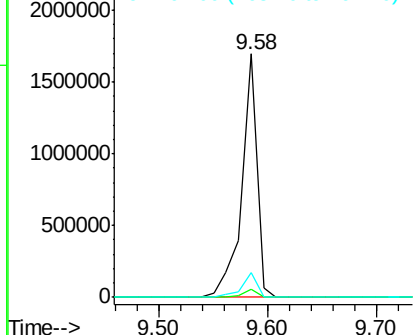
#49
Dimethylphthalate
Concen: 26.48 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tgt Ion:163 Resp: 1619165
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 7.8 11.8

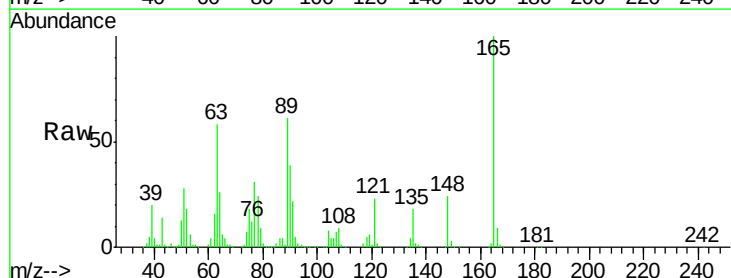


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

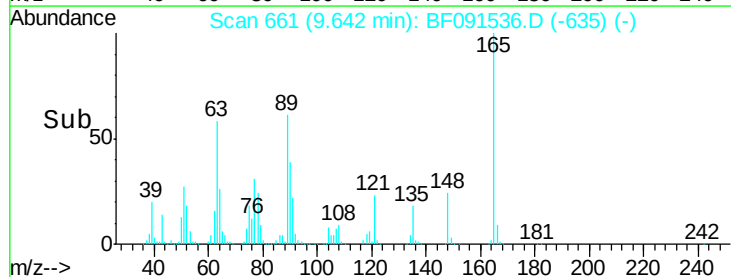
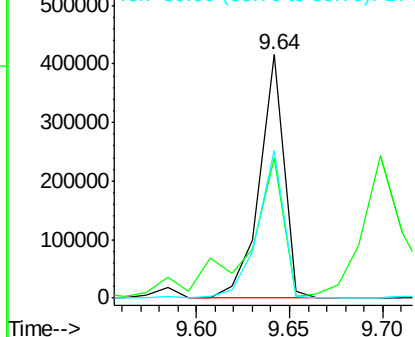


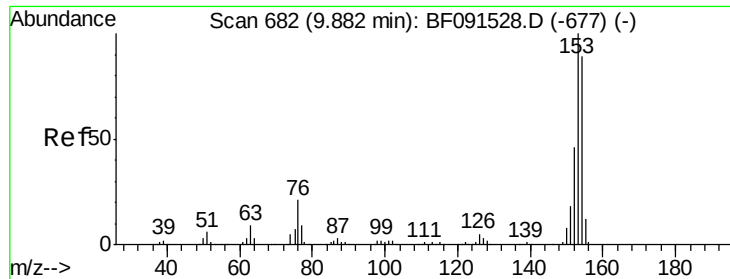
#50
2,6-Dinitrotoluene
Concen: 28.04 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion:165 Resp: 376237
Ion Ratio Lower Upper
165 100
63 57.5 59.4 89.0#
89 60.7 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: 27.87 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

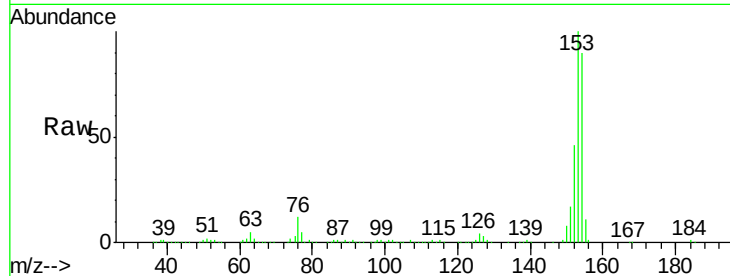
Tgt Ion:154 Resp: 1598295

Ion Ratio Lower Upper

154 100

153 111.5 91.0 136.6

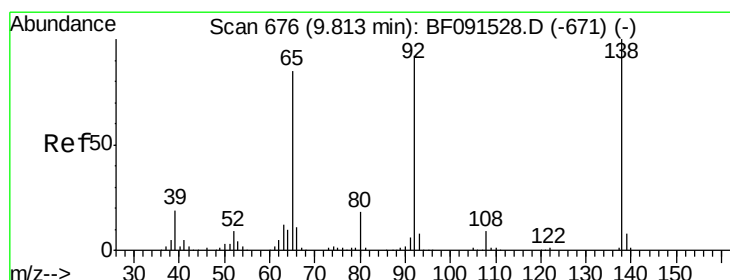
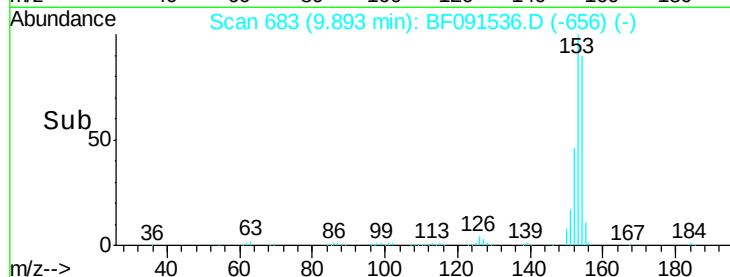
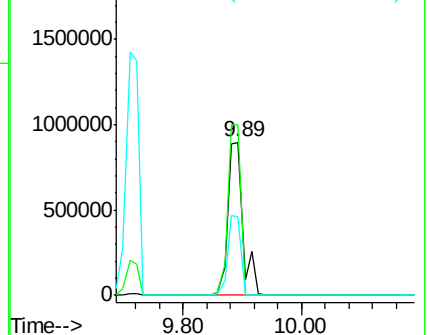
152 51.2 44.2 66.2



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: 11.26 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

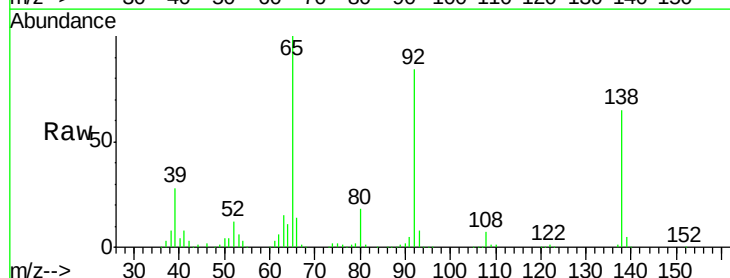
Tgt Ion:138 Resp: 177571

Ion Ratio Lower Upper

138 100

108 11.0 8.1 12.1

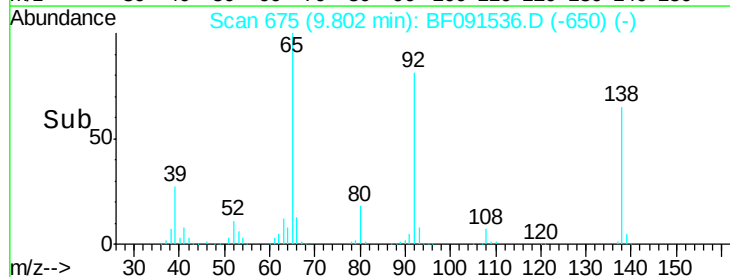
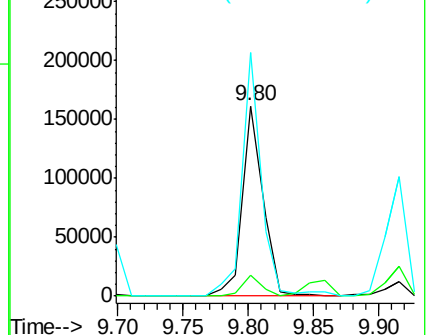
92 128.2 92.5 138.7

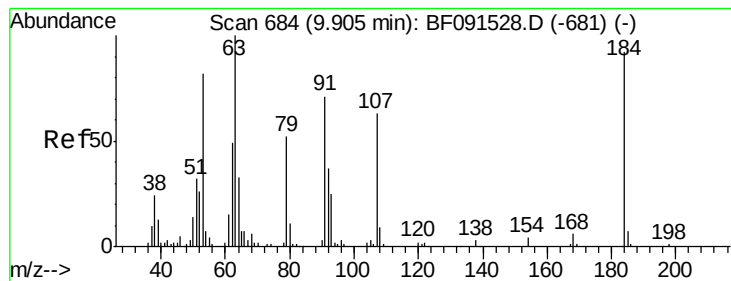


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 56.02 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

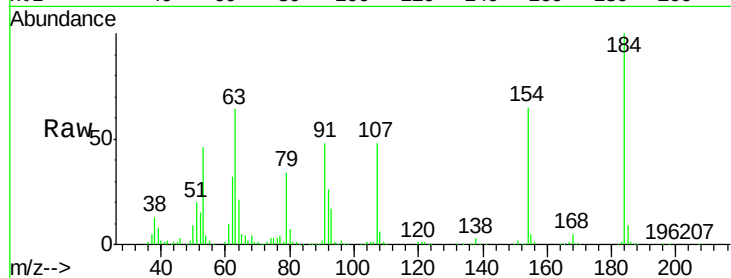
Tgt Ion:184 Resp: 381499

Ion Ratio Lower Upper

184 100

63 64.2 58.3 87.5

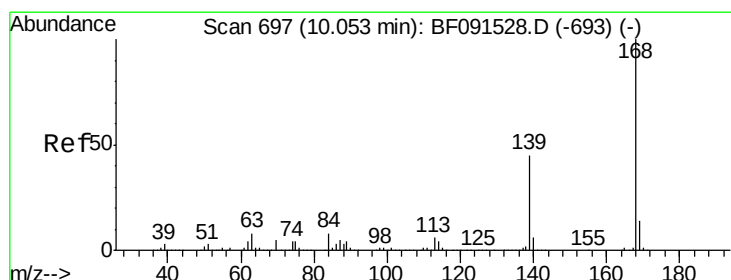
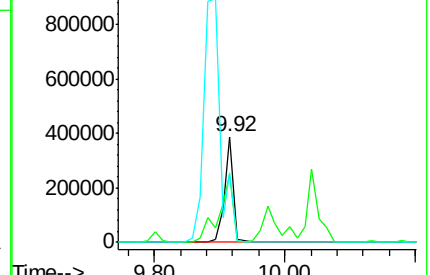
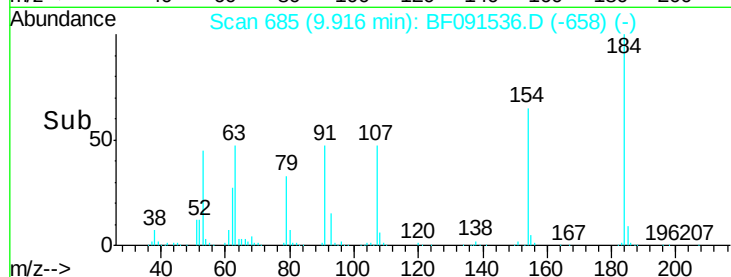
154 65.2 48.6 73.0



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: 28.17 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

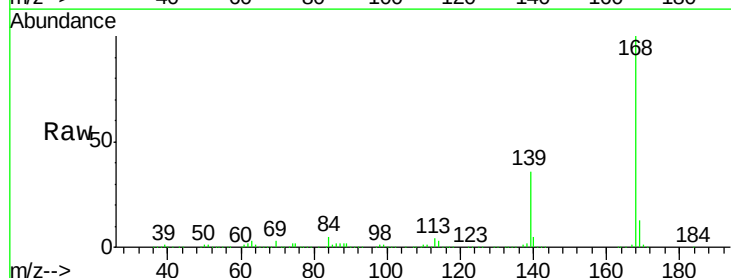
Tgt Ion:168 Resp: 1998579

Ion Ratio Lower Upper

168 100

139 36.2 33.4 50.2

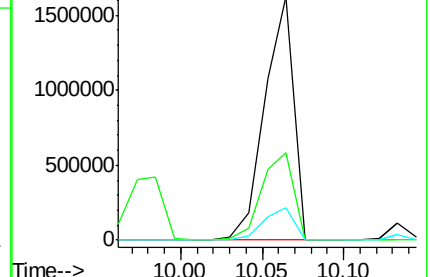
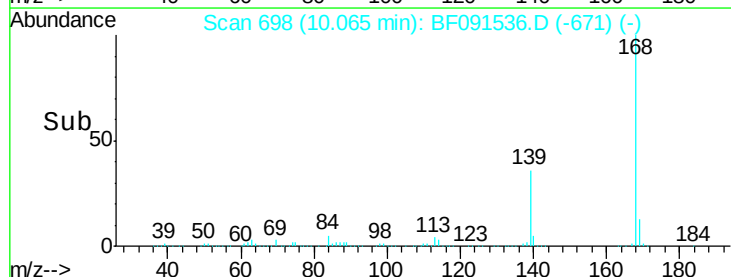
169 13.3 11.1 16.7

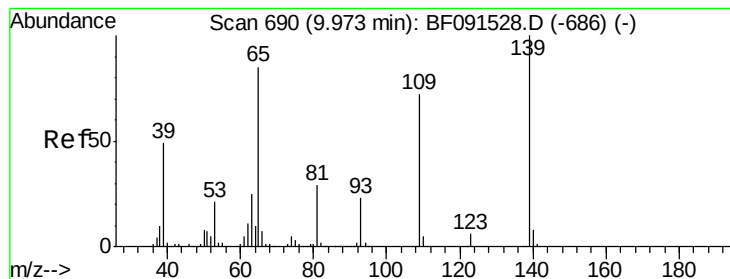


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 56.49 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

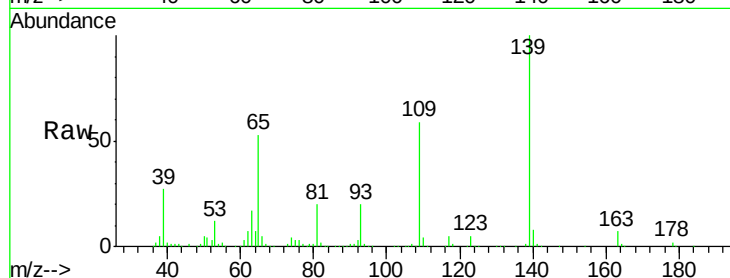
Tgt Ion:139 Resp: 662594

Ion Ratio Lower Upper

139 100

109 58.8 54.9 94.9

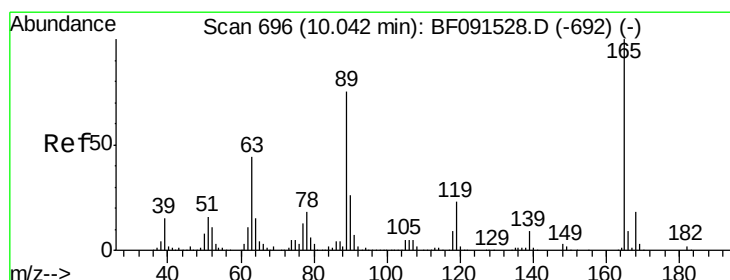
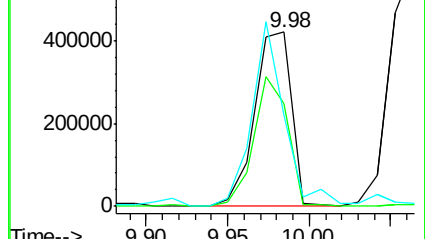
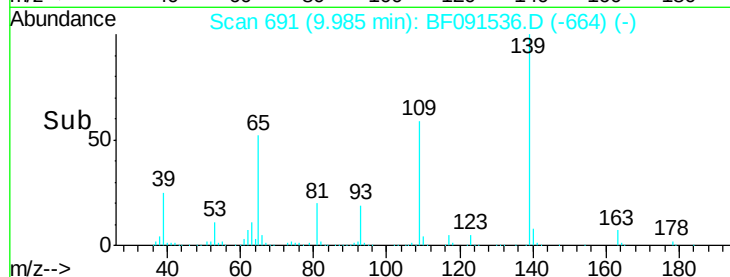
65 52.6 102.2 142.2#



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: 25.40 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:165 Resp: 427290

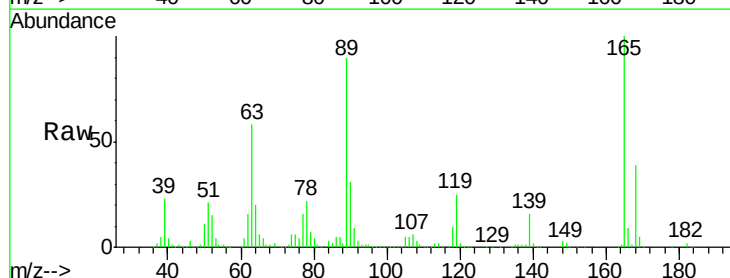
Ion Ratio Lower Upper

165 100

63 57.6 29.0 43.4#

89 90.2 43.1 64.7#

182 2.1 1.9 2.9

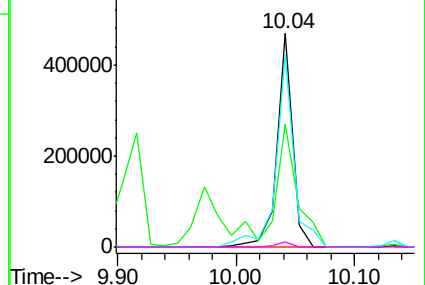
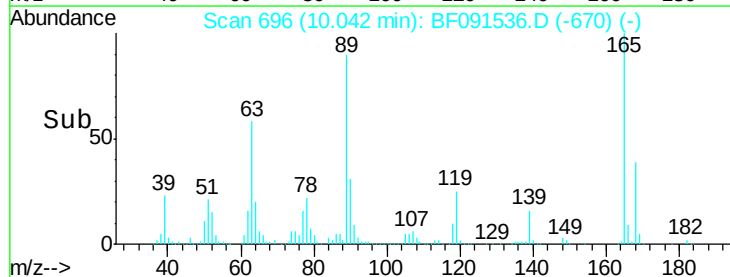


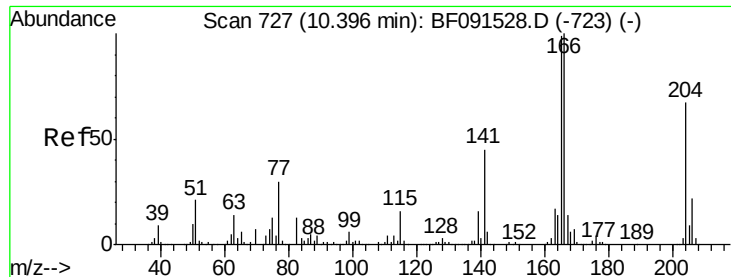
Abundance Ion 165.00 (164.70 to 165.70): E

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

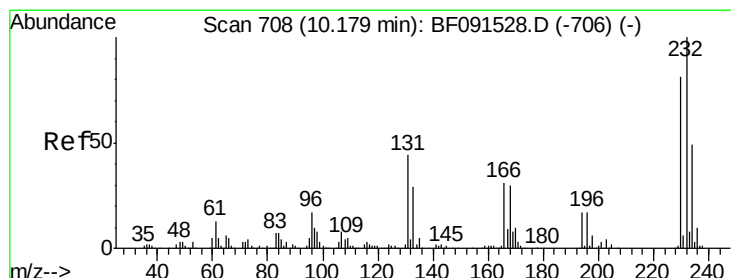
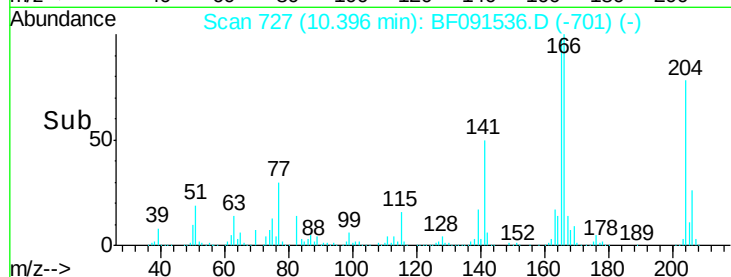
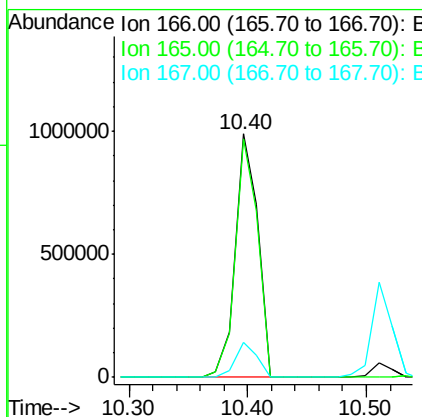
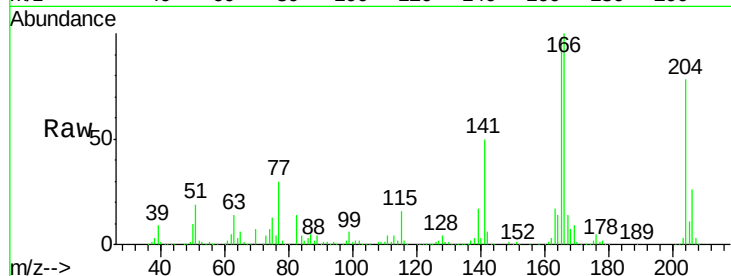




#57
Fluorene
 Concen: 23.42 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

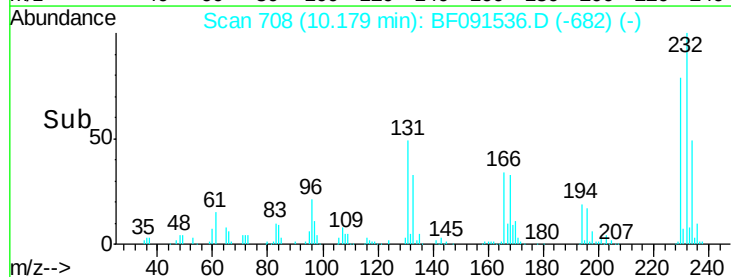
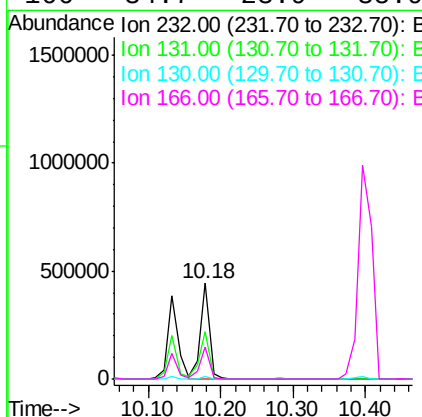
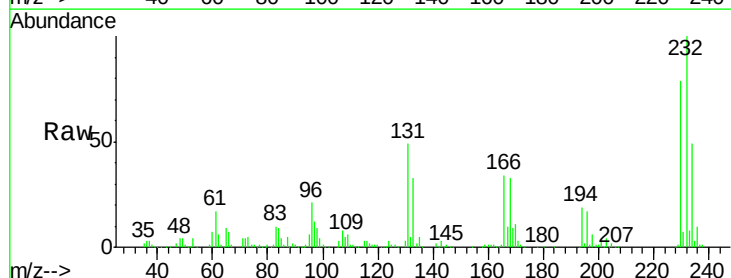
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

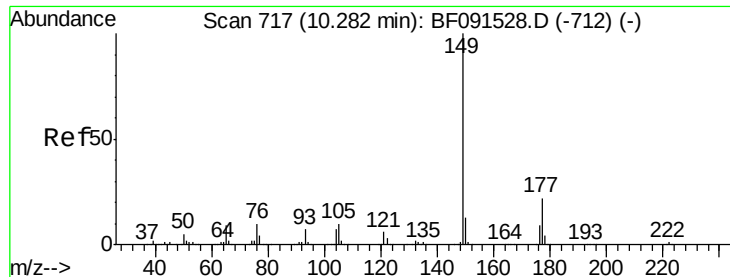
Tgt Ion:166 Resp: 1308363
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.0 120.0
 167 14.2 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 28.12 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:232 Resp: 385057
 Ion Ratio Lower Upper
 232 100
 131 52.8 38.4 57.6
 130 2.7 1.8 2.8
 166 34.7 23.9 35.9

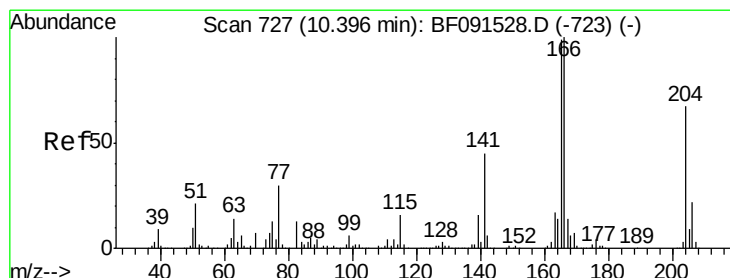
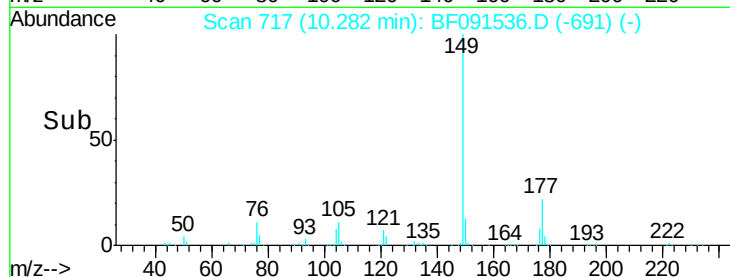
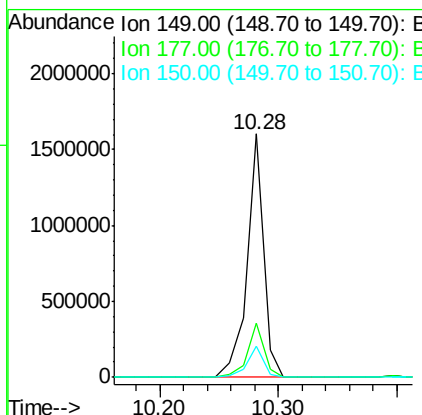
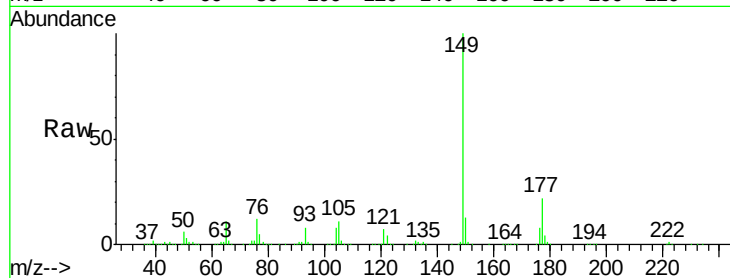




#59
Diethylphthalate
Concen: 26.56 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

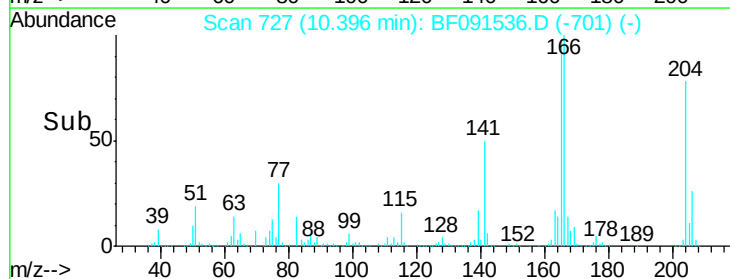
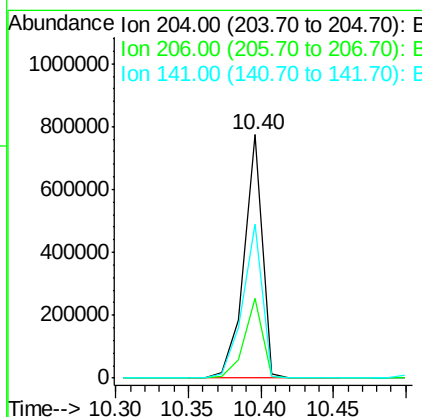
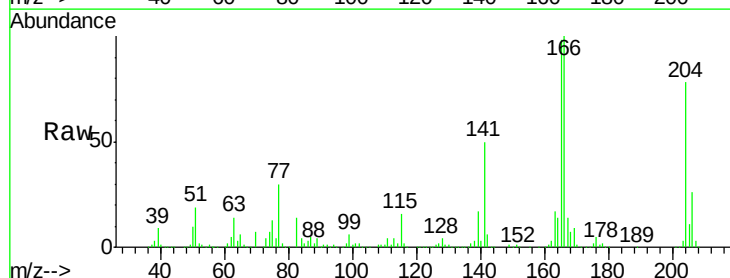
Instrument :
BNA_F
ClientSampleId :
PB95122BS

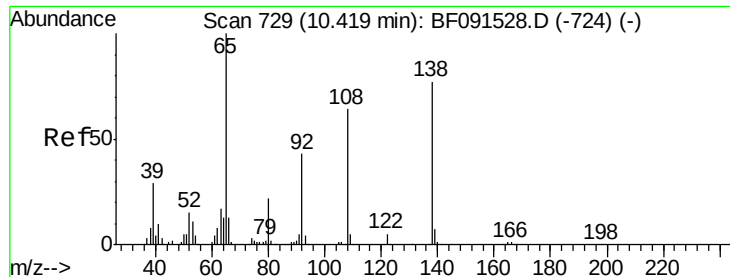
Tgt Ion:149 Resp: 1563760
Ion Ratio Lower Upper
149 100
177 22.0 15.7 23.5
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 26.67 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion:204 Resp: 680263
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 63.3 40.6 61.0#

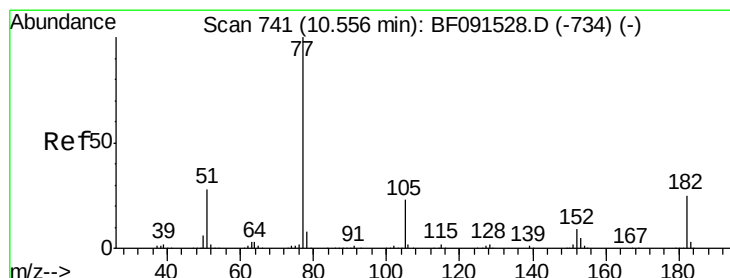
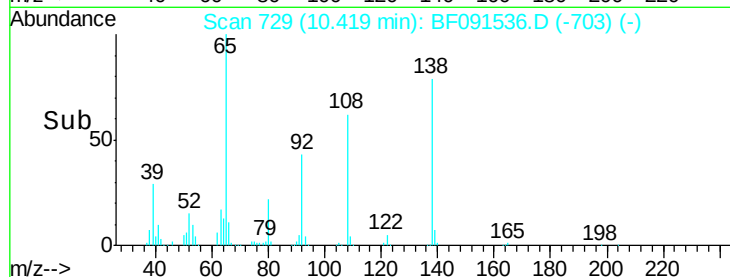
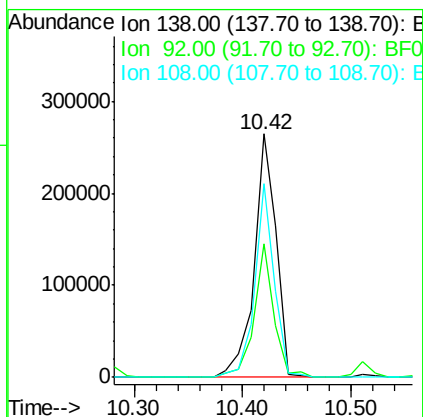
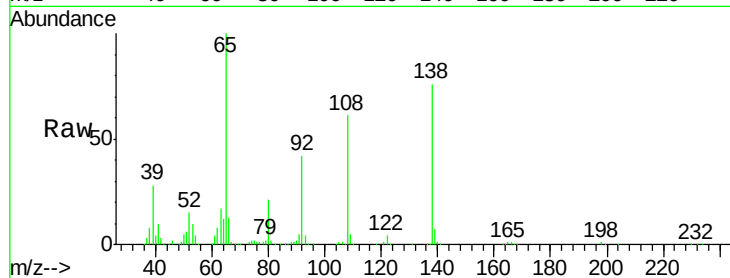




#61
4-Nitroaniline
Concen: 23.75 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

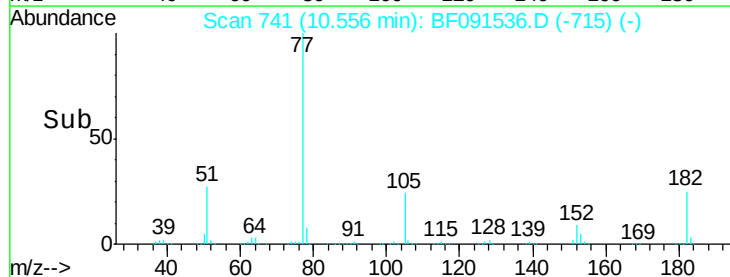
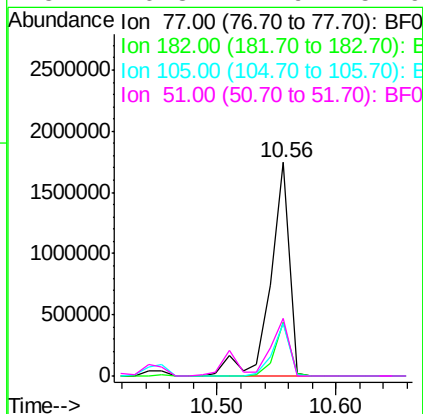
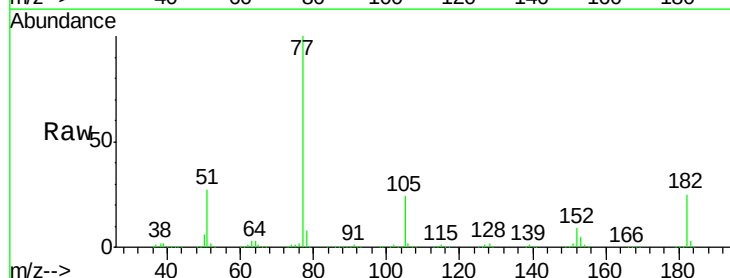
Instrument :
BNA_F
ClientSampleId :
PB95122BS

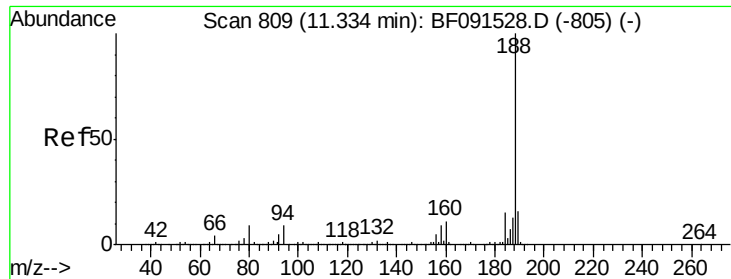
Tgt Ion:138 Resp: 372089
Ion Ratio Lower Upper
138 100
92 54.8 26.9 66.9
108 79.7 49.1 89.1



#62
Azobenzene
Concen: 29.14 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion: 77 Resp: 1944384
Ion Ratio Lower Upper
77 100
182 25.0 12.5 52.5
105 24.3 3.7 43.7
51 26.8 11.9 51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

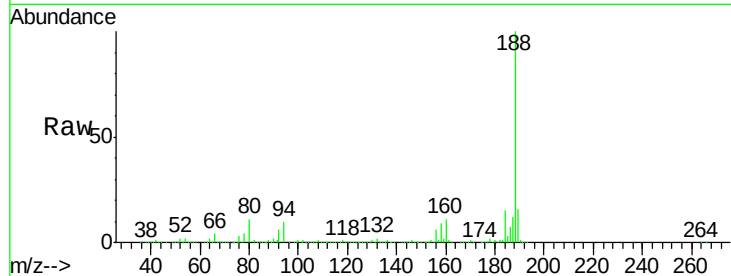
Tgt Ion:188 Resp: 1473459

Ion Ratio Lower Upper

188 100

94 10.2 9.2 13.8

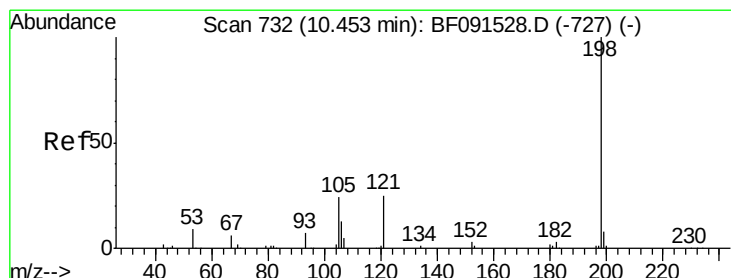
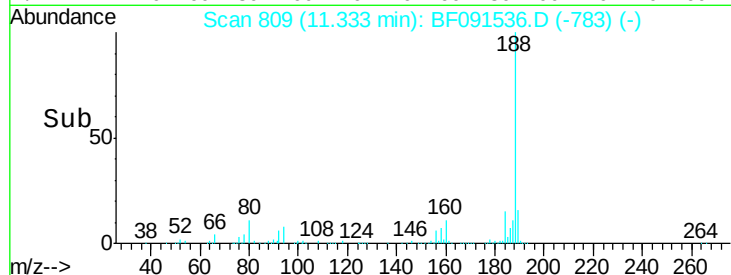
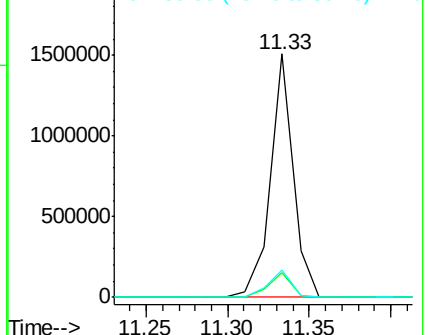
80 11.1 10.5 15.7



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: 30.20 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

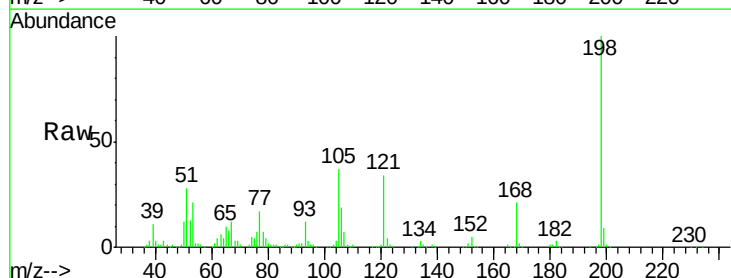
Tgt Ion:198 Resp: 259848

Ion Ratio Lower Upper

198 100

51 27.9 77.1 117.1#

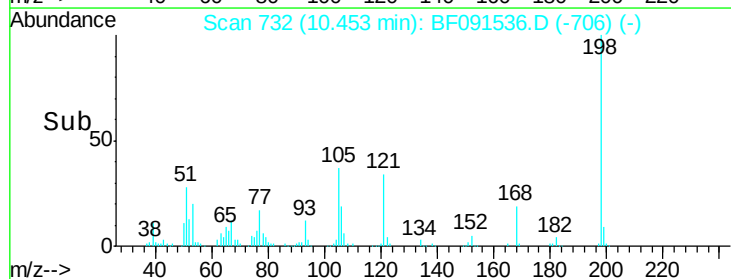
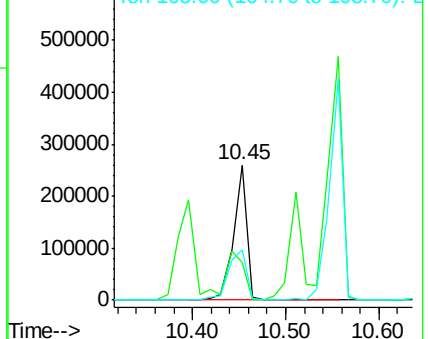
105 37.3 44.8 84.8#

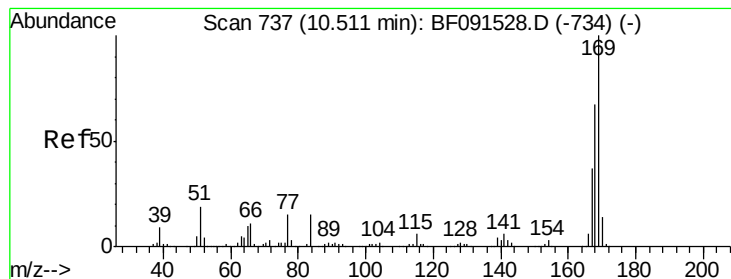


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 28.09 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

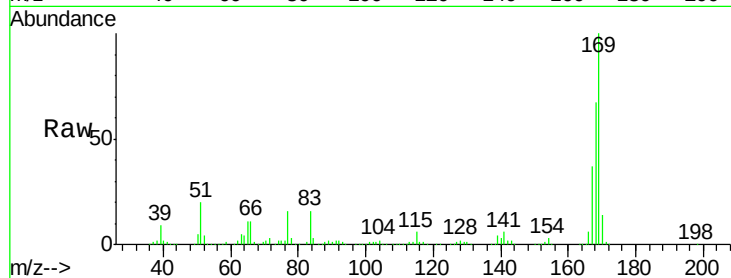
Tgt Ion:169 Resp: 1233824

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.8

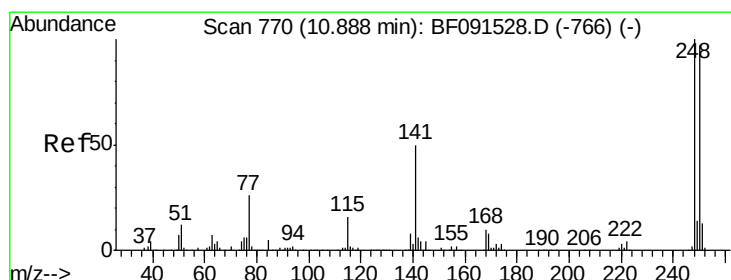
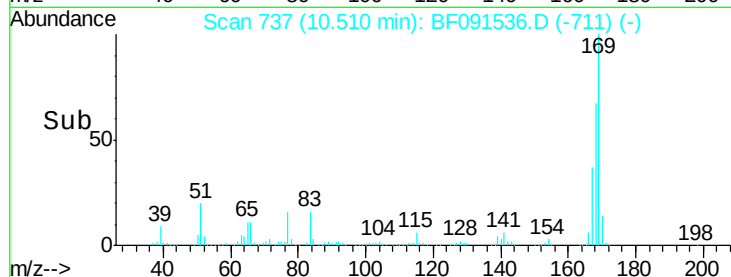
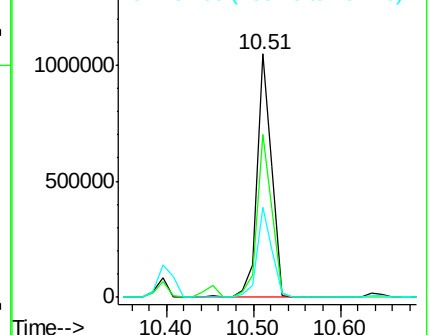
167 37.1 29.8 44.8



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: 29.21 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

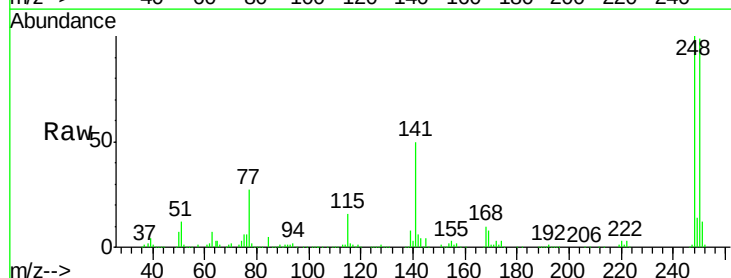
Tgt Ion:248 Resp: 441275

Ion Ratio Lower Upper

248 100

250 98.9 78.2 117.4

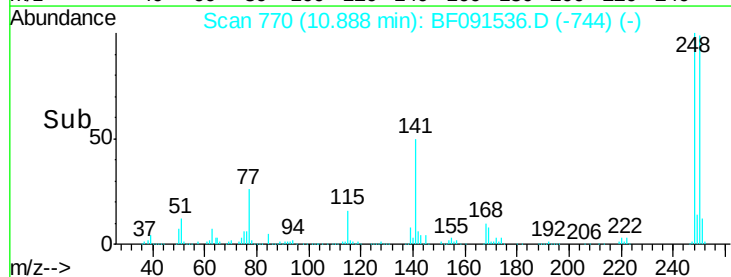
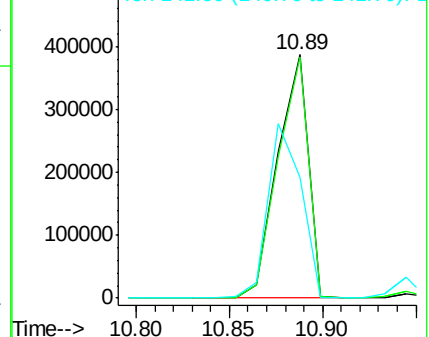
141 49.7 71.9 107.9#

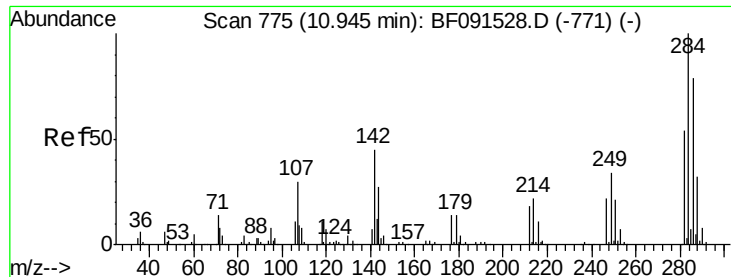


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

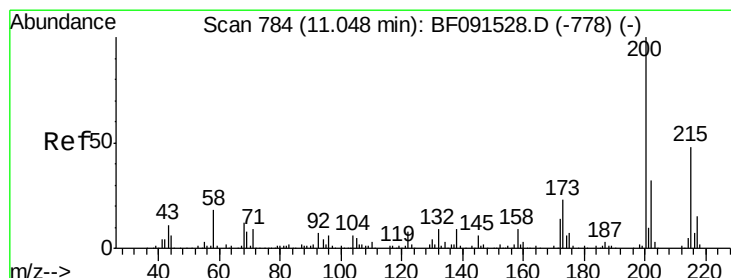
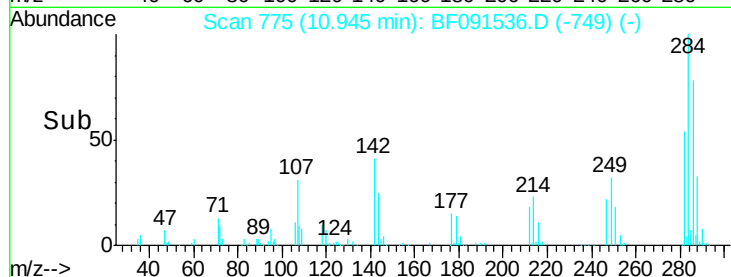
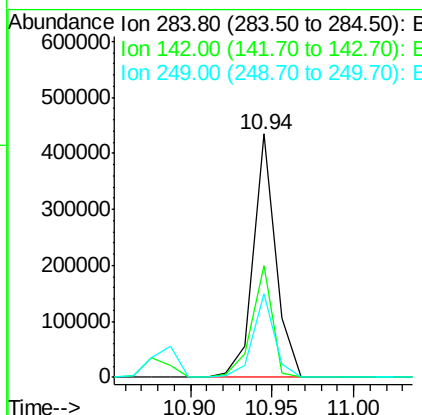
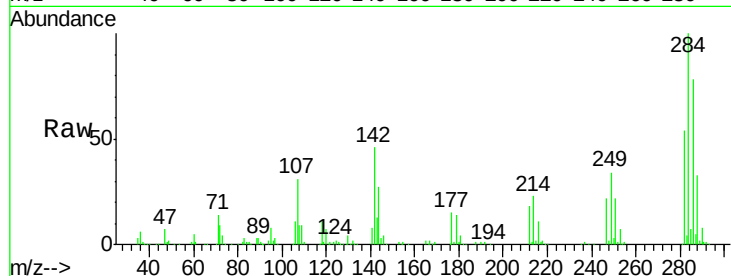




#67
Hexachlorobenzene
Concen: 26.36 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

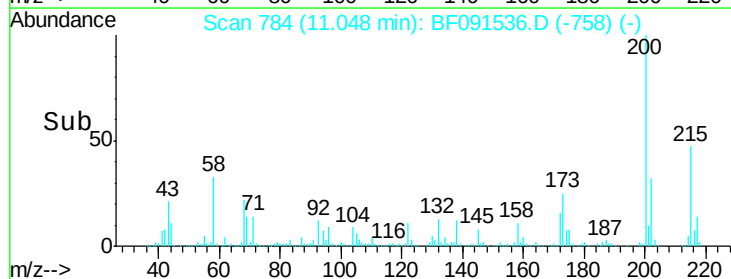
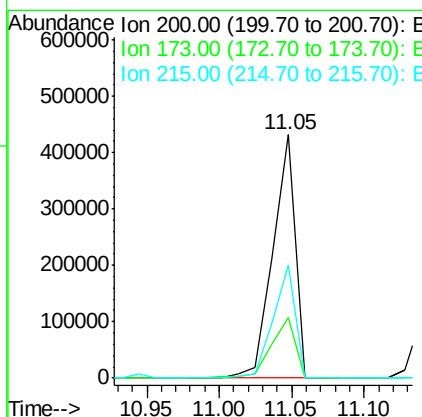
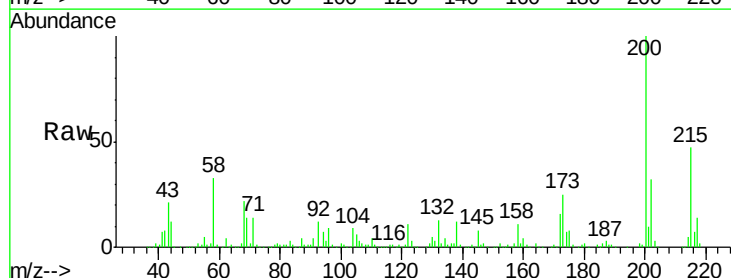
Instrument :
BNA_F
ClientSampleId :
PB95122BS

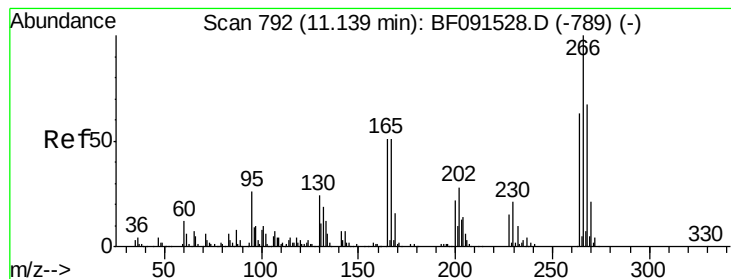
Tgt Ion: 284 Resp: 414117
Ion Ratio Lower Upper
284 100
142 45.7 17.9 26.9#
249 34.3 23.6 35.4



#68
Atrazine
Concen: 32.61 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion: 200 Resp: 460613
Ion Ratio Lower Upper
200 100
173 25.0 7.8 47.8
215 46.7 24.3 64.3





#69

Pentachlorophenol

Concen: 53.26 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

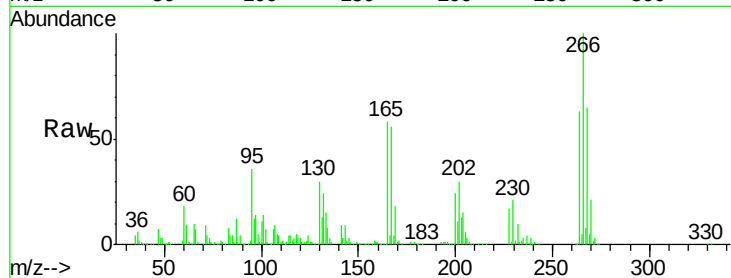
Tgt Ion:266 Resp: 470869

Ion Ratio Lower Upper

266 100

268 65.4 50.3 75.5

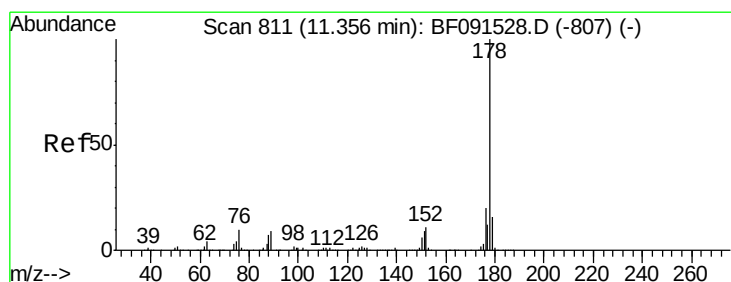
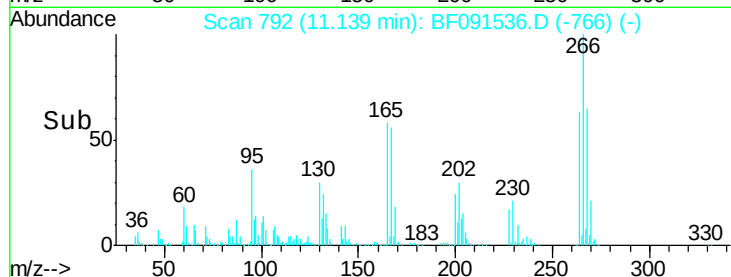
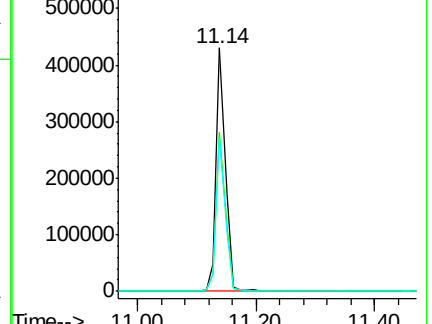
264 63.2 48.2 72.2



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: 26.94 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

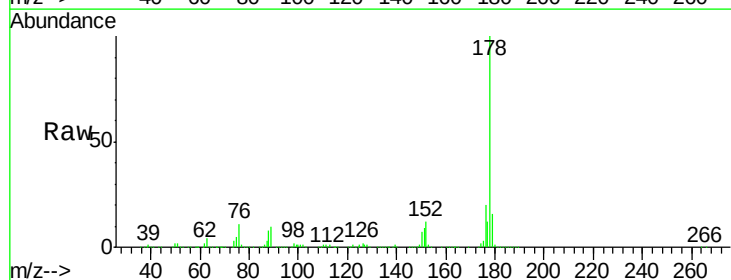
Tgt Ion:178 Resp: 1965715

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

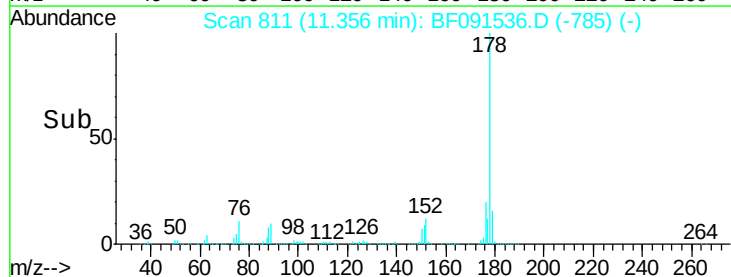
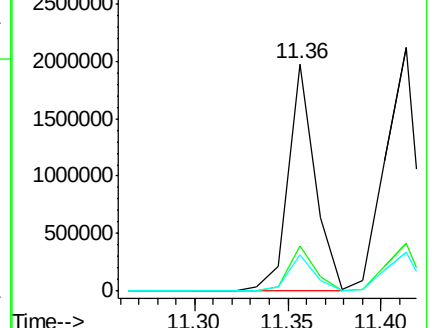
179 16.2 12.6 18.8

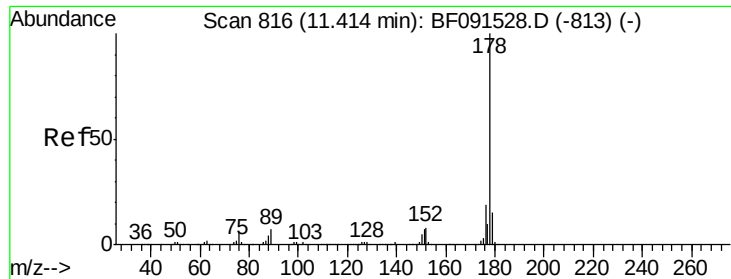


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

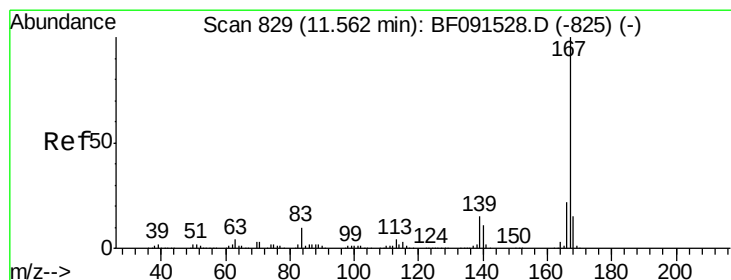
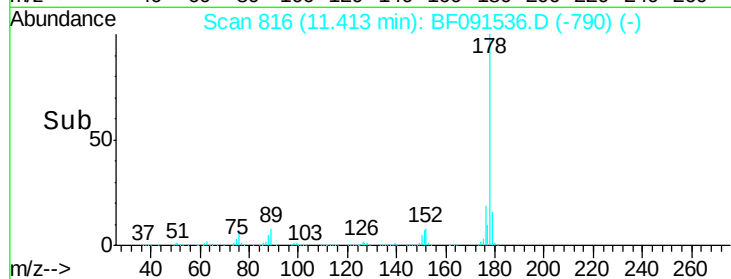
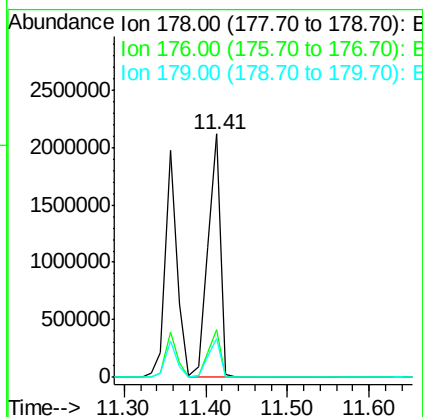
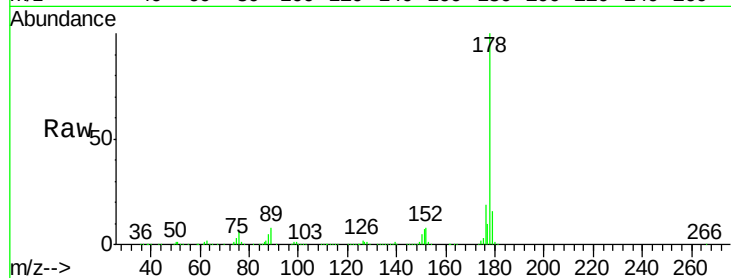




#71
 Anthracene
 Concen: 29.45 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

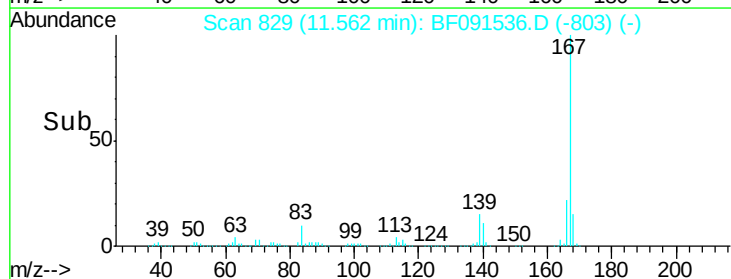
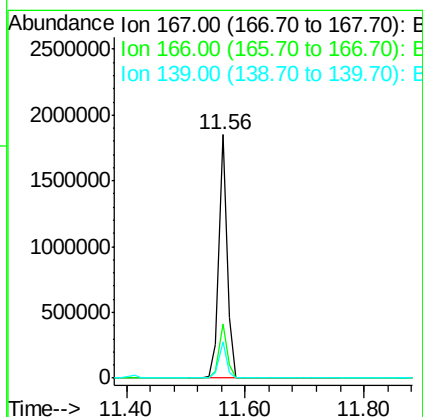
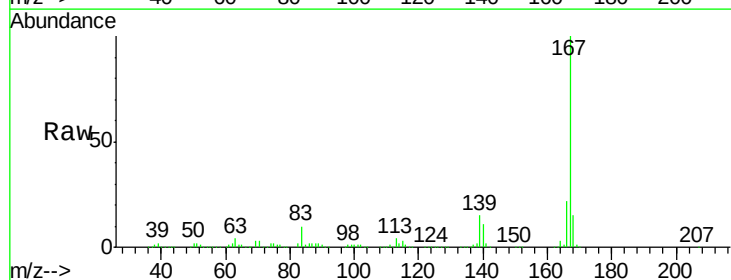
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

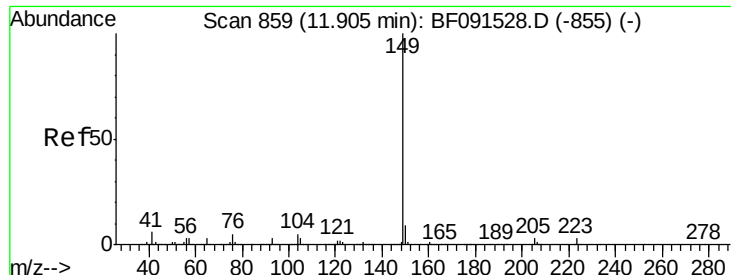
Tgt Ion:178 Resp: 2317921
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 26.02 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:167 Resp: 1795260
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 14.8 11.5 17.3

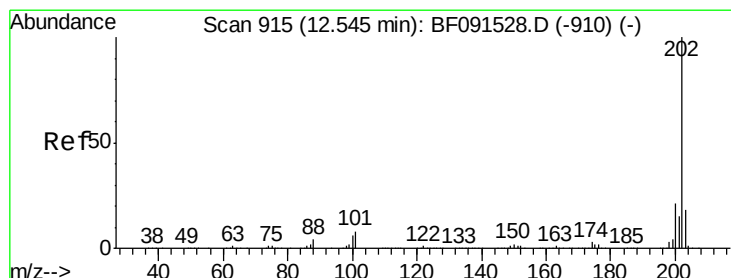
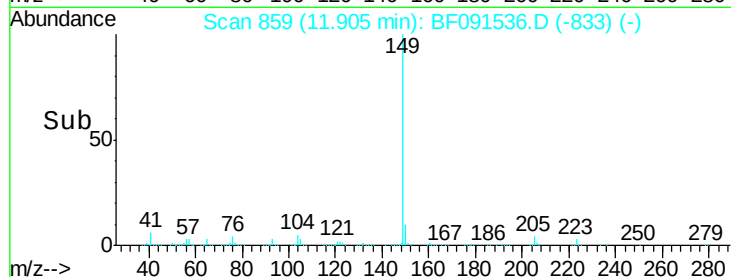
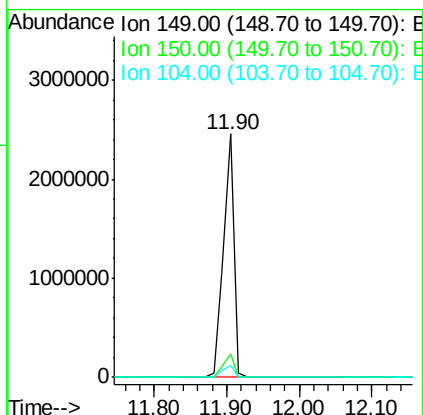
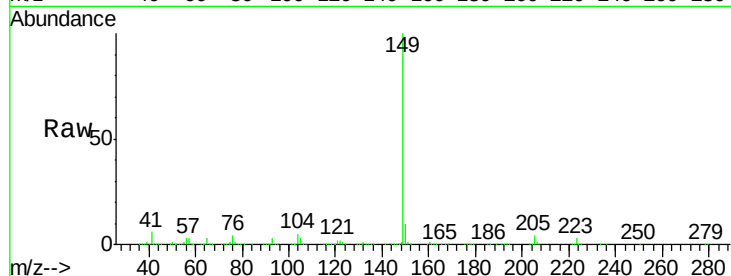




#73
Di-n-butylphthalate
Concen: 30.83 ng
RT: 11.90 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

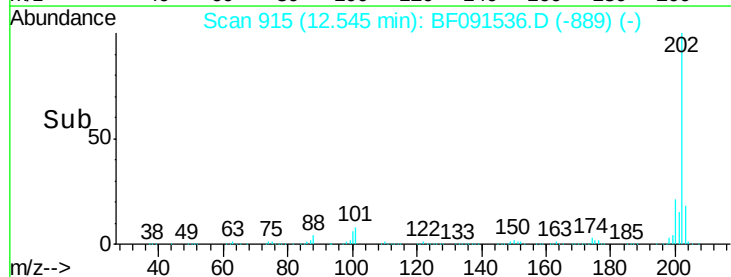
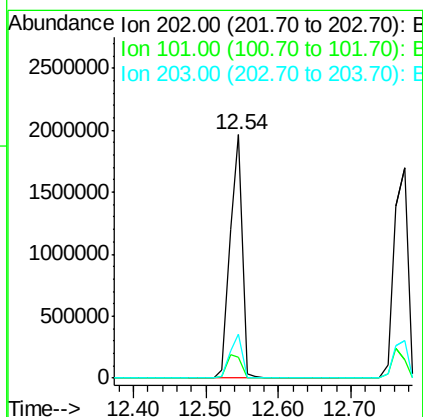
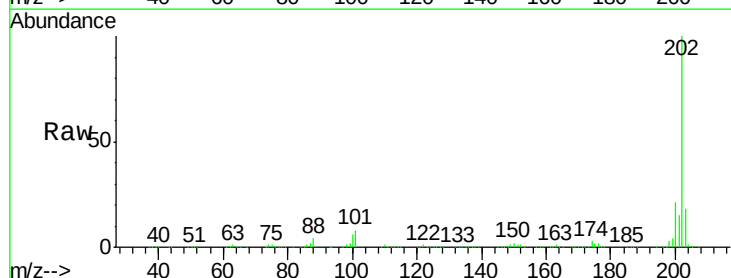
Instrument :
BNA_F
ClientSampleId :
PB95122BS

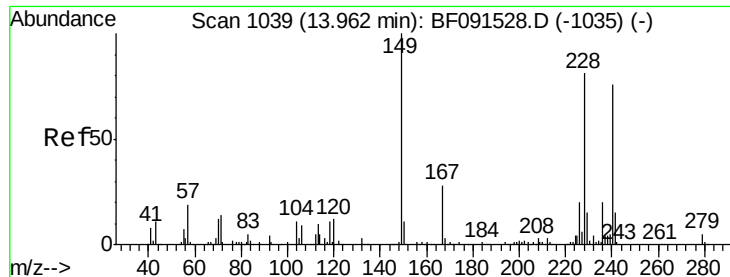
Tgt Ion:149 Resp: 2478000
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 29.72 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion:202 Resp: 2270867
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.5
203 17.9 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

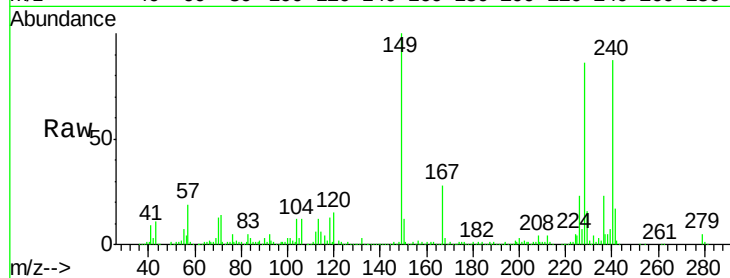
Tgt Ion:240 Resp: 1025390

Ion Ratio Lower Upper

240 100

120 17.1 12.1 18.1

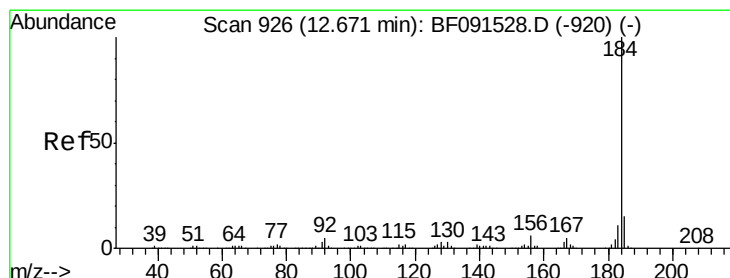
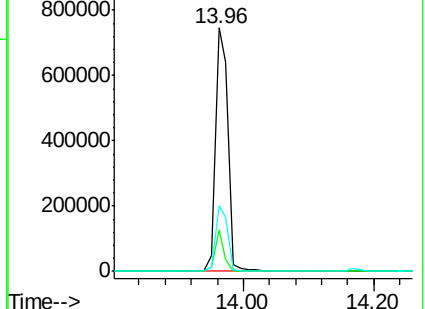
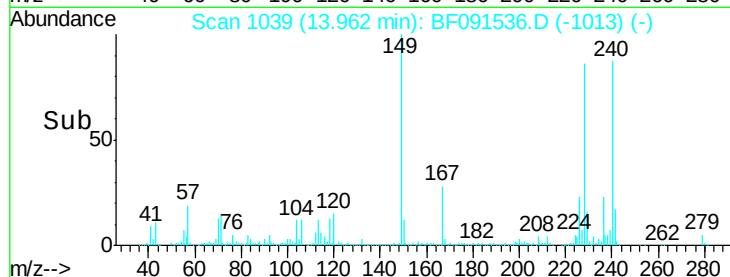
236 26.9 21.0 31.6



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: 18.08 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

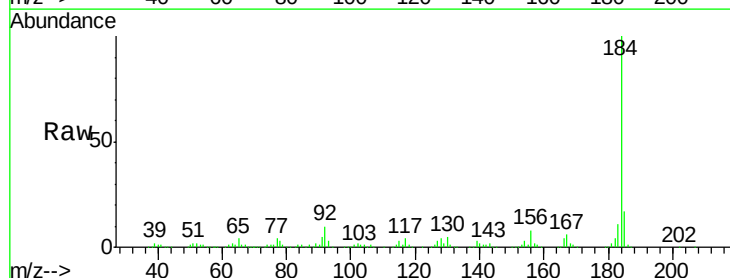
Tgt Ion:184 Resp: 573154

Ion Ratio Lower Upper

184 100

185 17.3 13.1 19.7

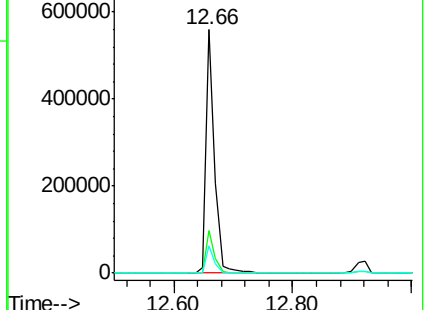
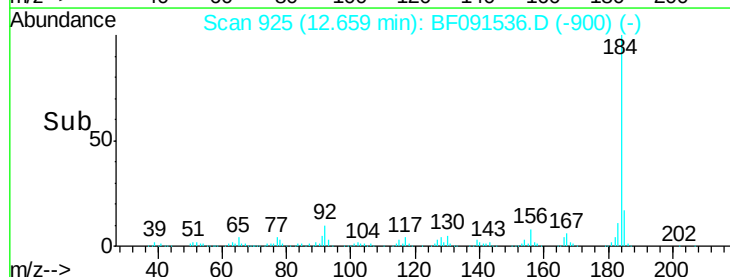
183 11.4 8.9 13.3

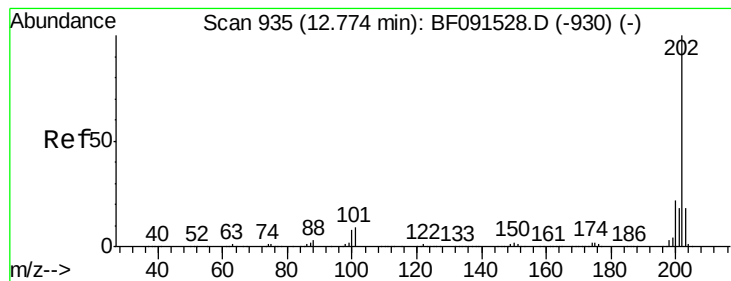


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 27.39 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

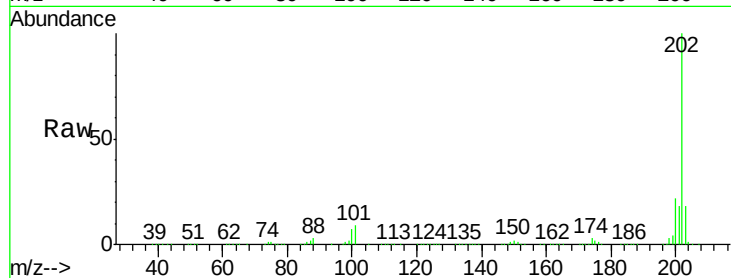
Tgt Ion:202 Resp: 2227797

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

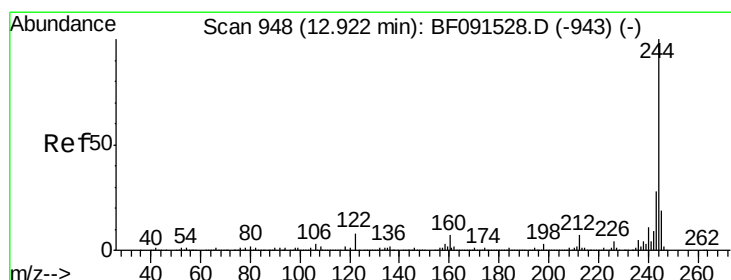
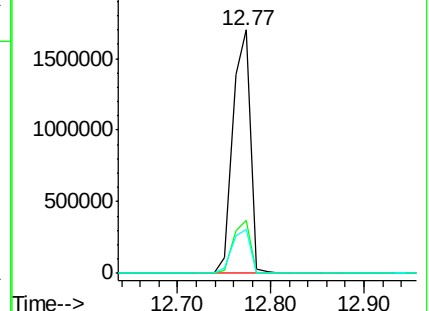
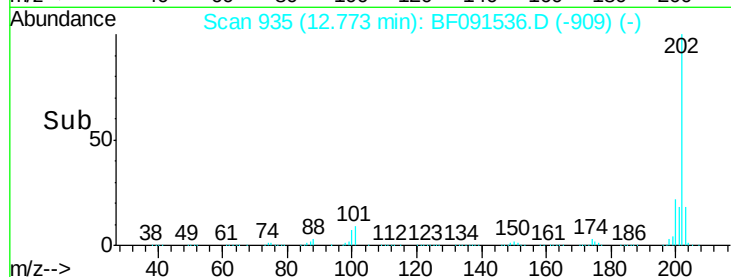
203 17.8 14.0 21.0



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: 56.57 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

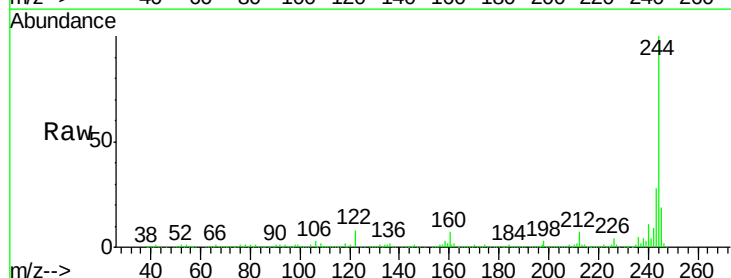
Tgt Ion:244 Resp: 2556097

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

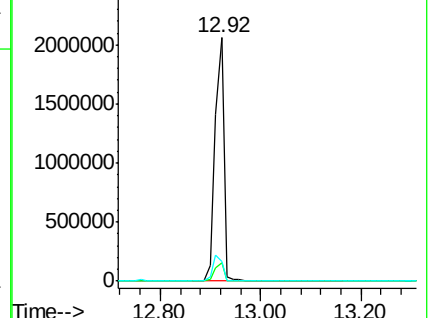
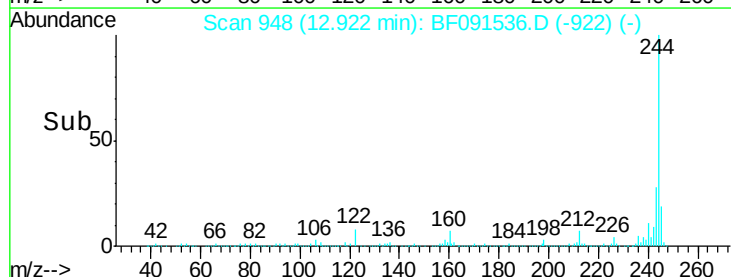
122 8.1 9.5 14.3#

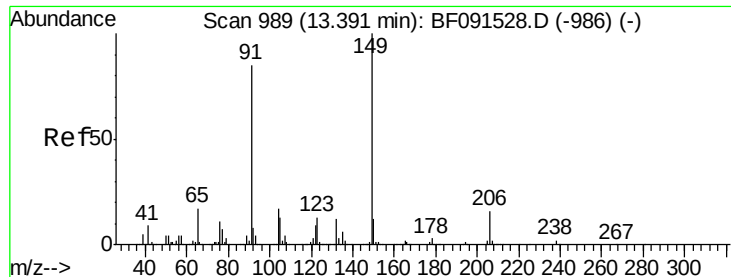


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

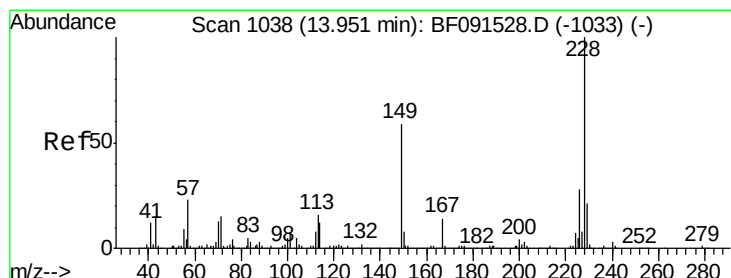
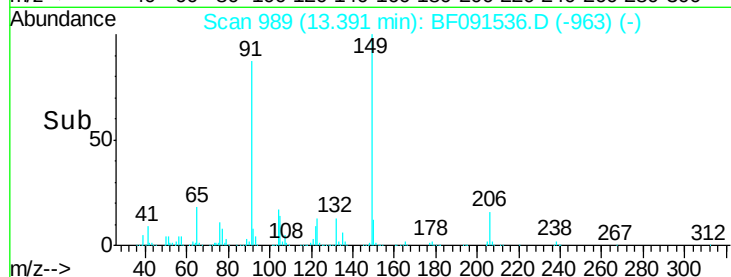
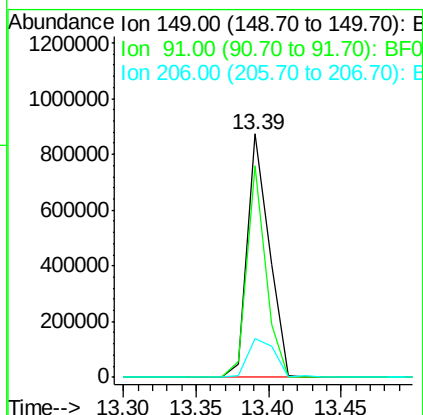
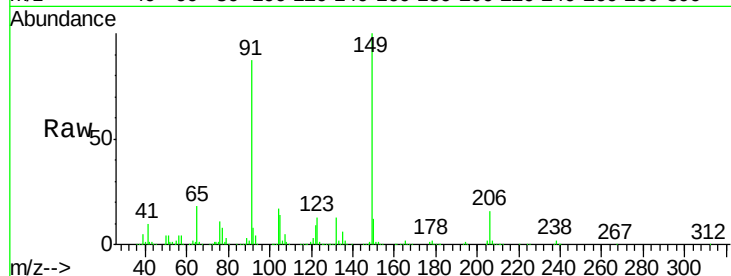




#79
Butylbenzylphthalate
Concen: 28.91 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

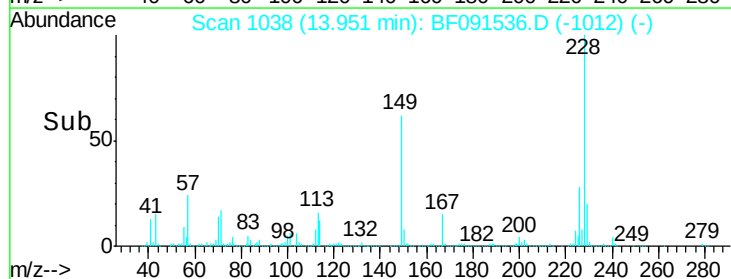
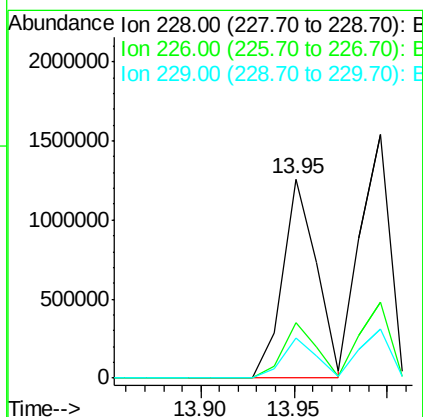
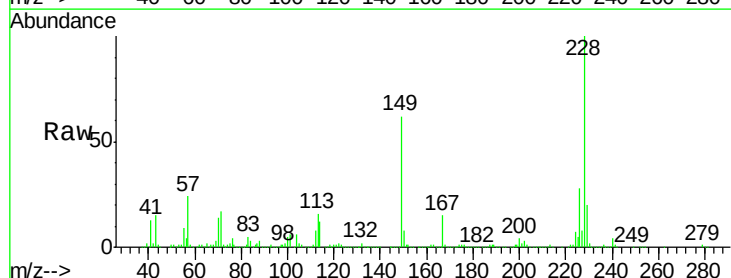
Instrument :
BNA_F
ClientSampleId :
PB95122BS

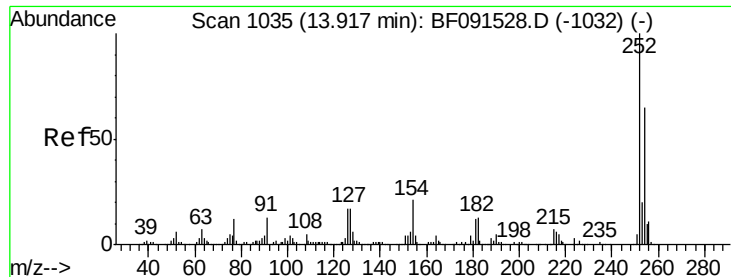
Tgt Ion:149 Resp: 916630
Ion Ratio Lower Upper
149 100
91 86.9 57.4 86.2#
206 16.0 15.4 23.2



#80
Benzo(a)anthracene
Concen: 26.84 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion:228 Resp: 1598490
Ion Ratio Lower Upper
228 100
226 27.8 22.5 33.7
229 20.1 16.4 24.6





#81

3,3'-Dichlorobenzidine

Concen: 12.32 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

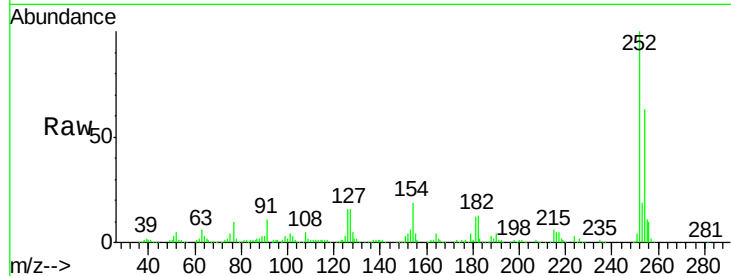
Tgt Ion:252 Resp: 263381

Ion Ratio Lower Upper

252 100

254 63.5 52.1 78.1

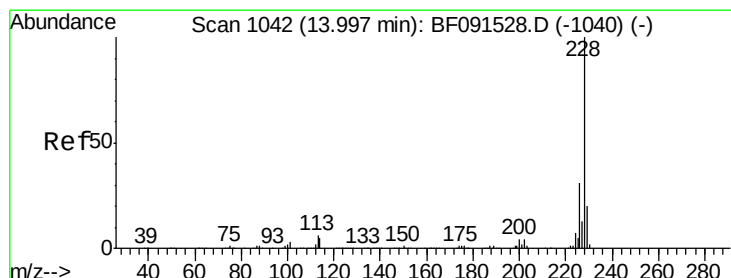
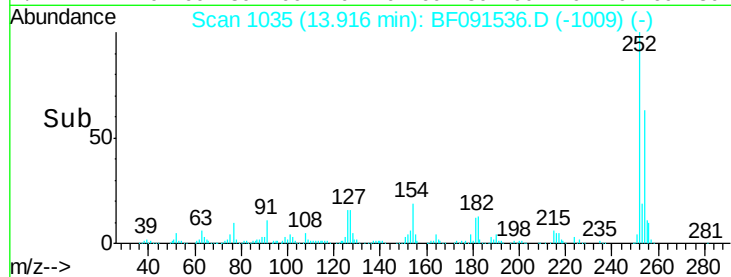
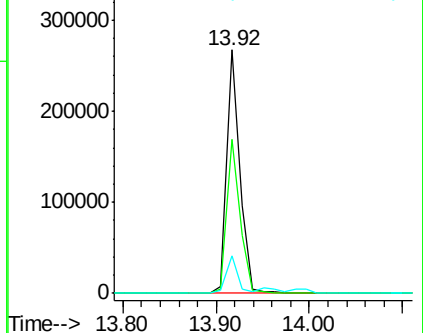
126 15.5 7.5 11.3#



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: 27.80 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

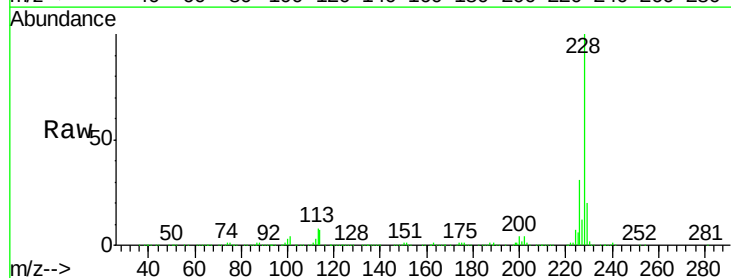
Tgt Ion:228 Resp: 1731814

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

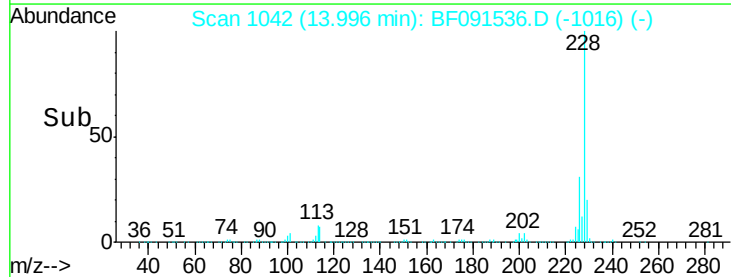
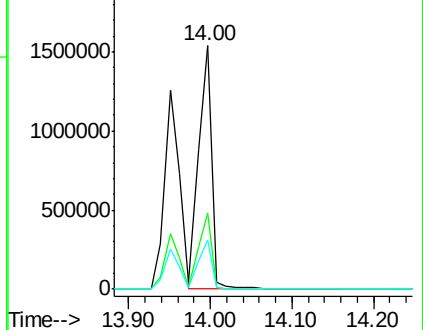
229 20.4 16.0 24.0

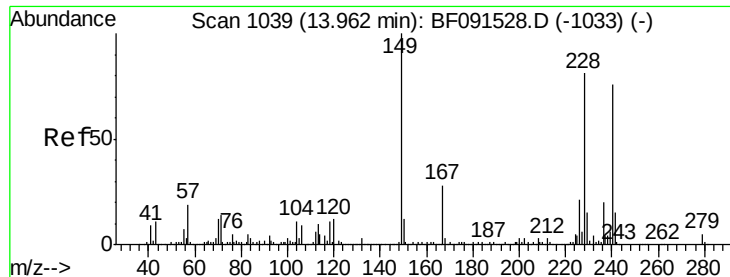


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

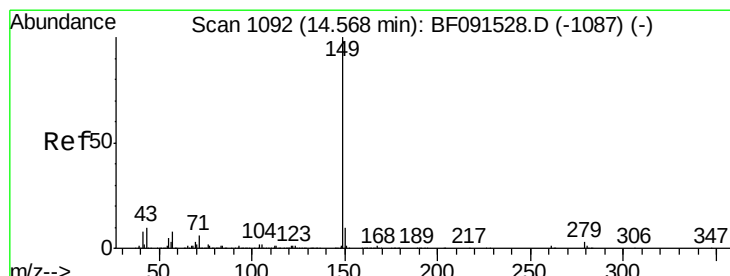
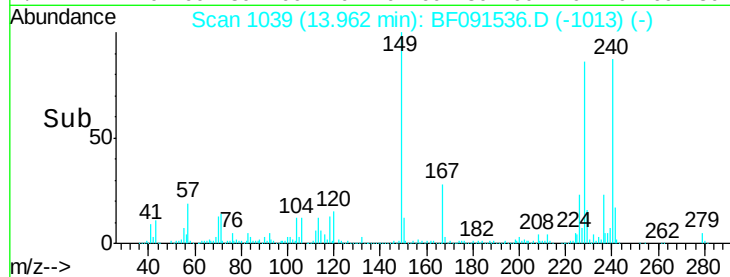
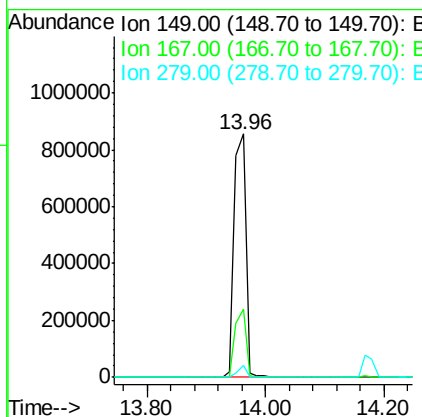
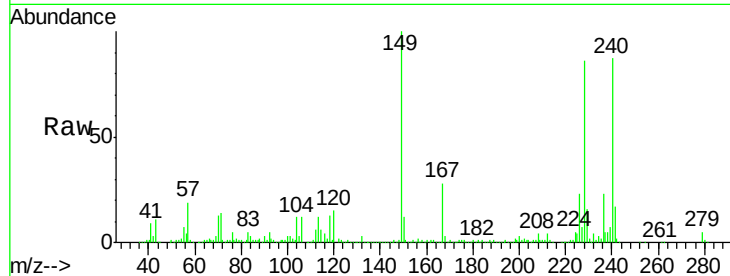




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.43 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

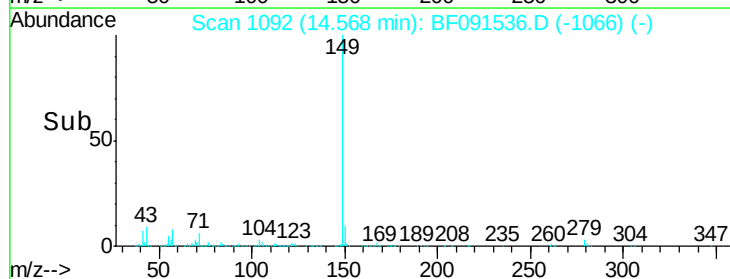
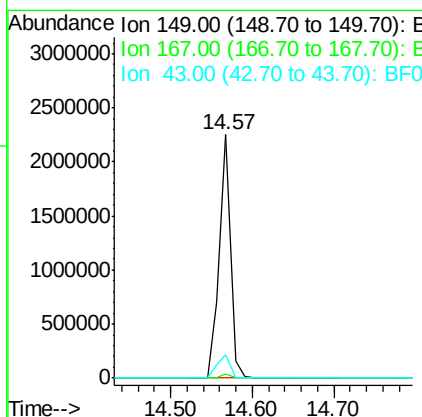
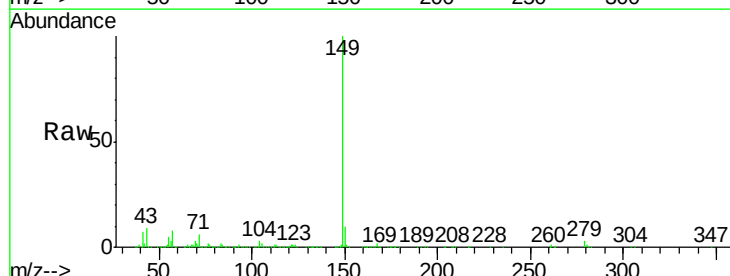
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

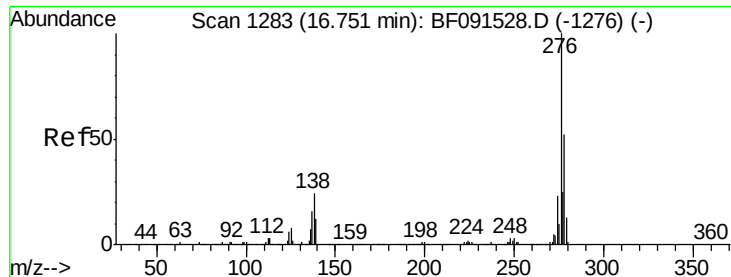
Tgt Ion:149 Resp: 1156569
 Ion Ratio Lower Upper
 149 100
 167 28.3 19.6 29.4
 279 4.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 31.20 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:149 Resp: 2154373
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.9 11.9 17.9#

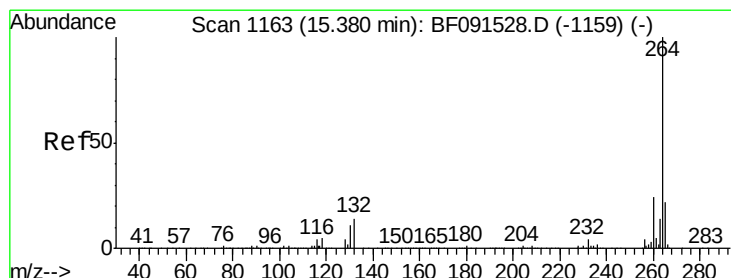
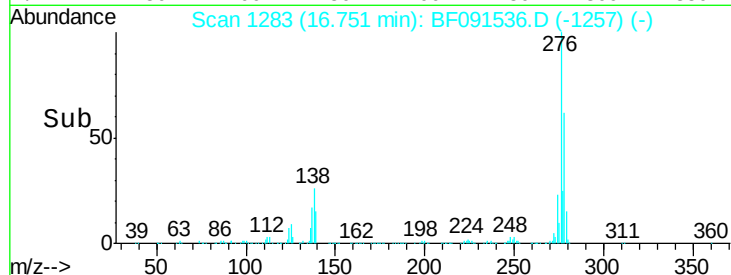
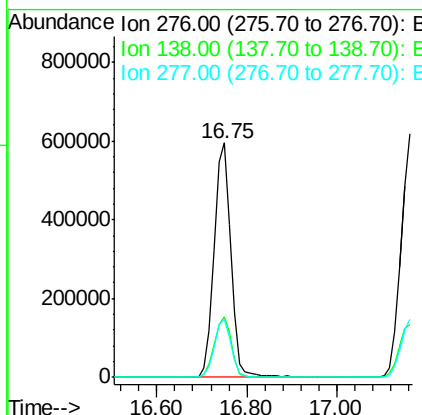
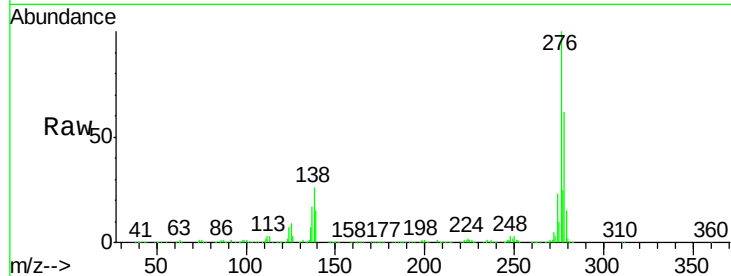




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.67 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

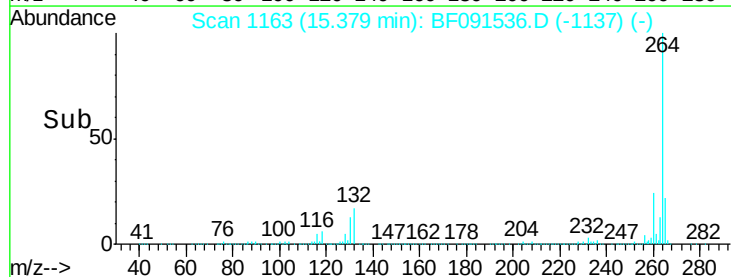
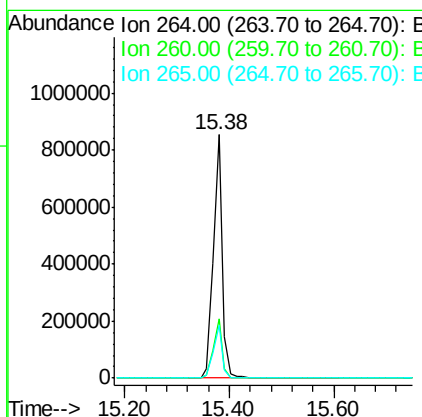
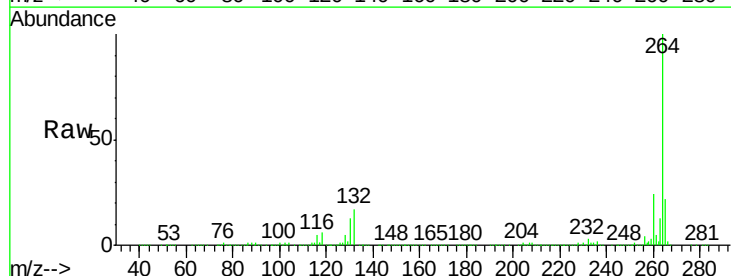
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

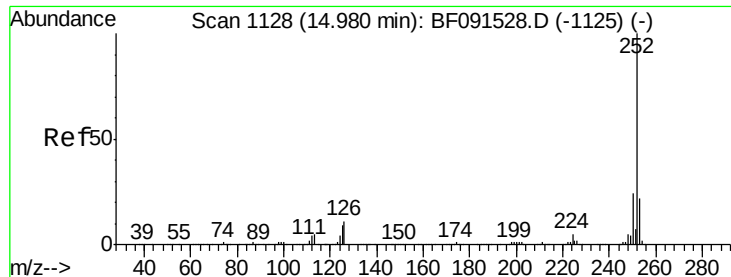
Tgt Ion:276 Resp: 1551069
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.0 31.4
 277 24.9 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:264 Resp: 1016816
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.5 17.0 25.6

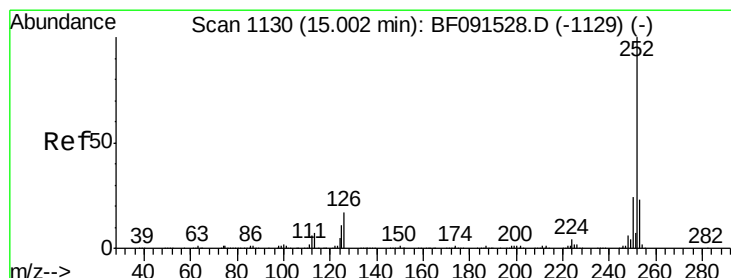
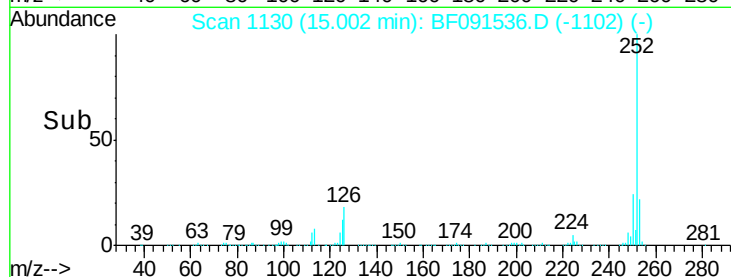
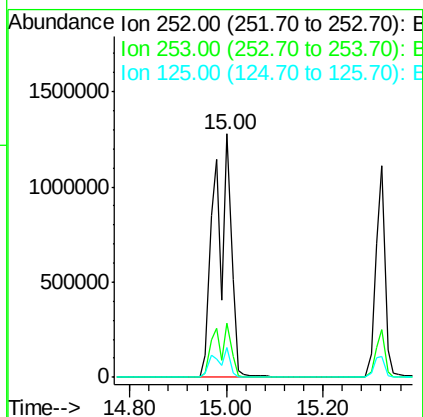
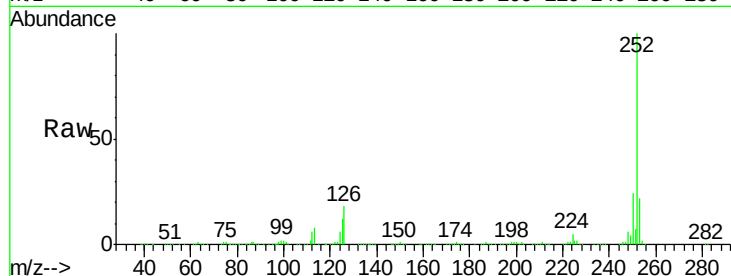




#87
Benzo(b)fluoranthene
Concen: 50.08 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

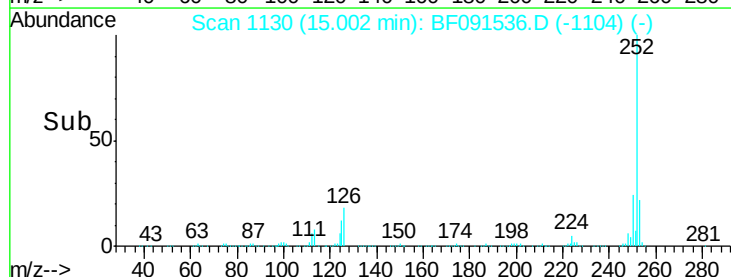
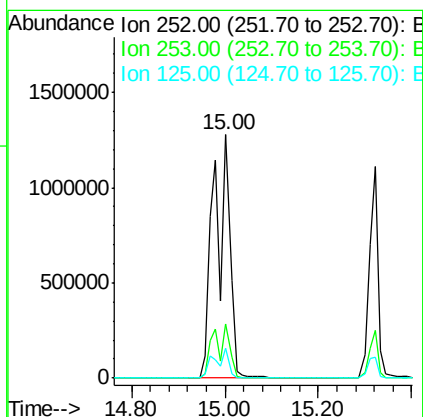
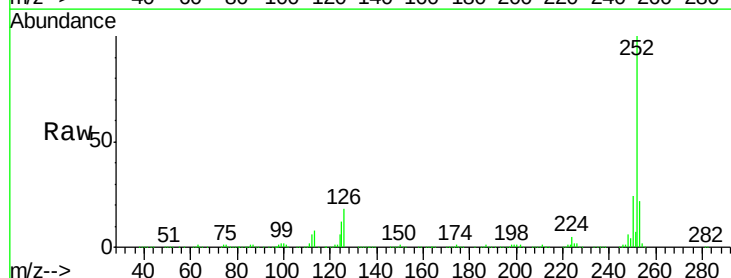
Instrument :
BNA_F
ClientSampleId :
PB95122BS

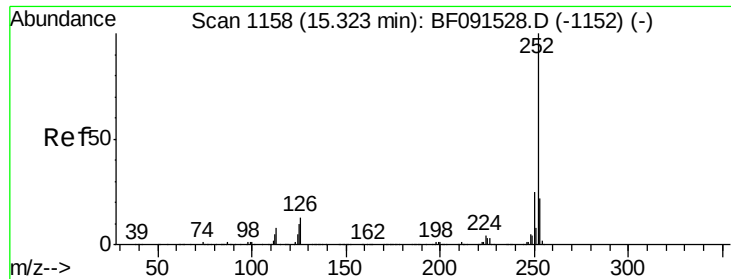
Tgt Ion:252 Resp: 3035532
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.2 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 56.97 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion:252 Resp: 3036558
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 12.2 9.6 14.4





#89

Benzo(a)pyrene

Concen: 27.05 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

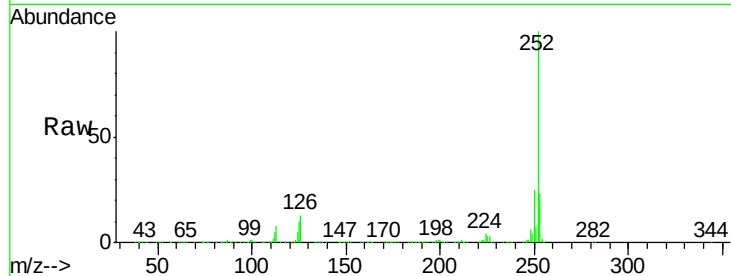
Tgt Ion:252 Resp: 1477356

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

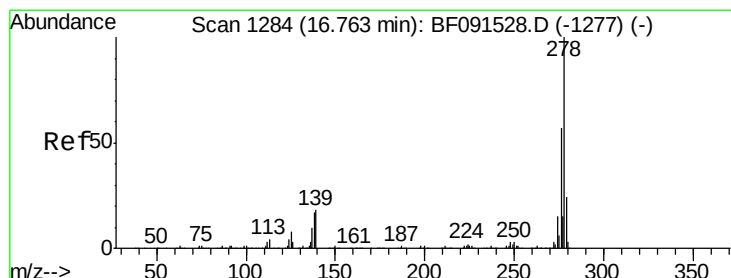
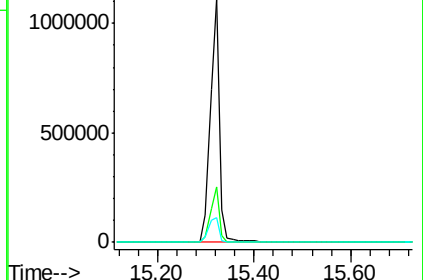
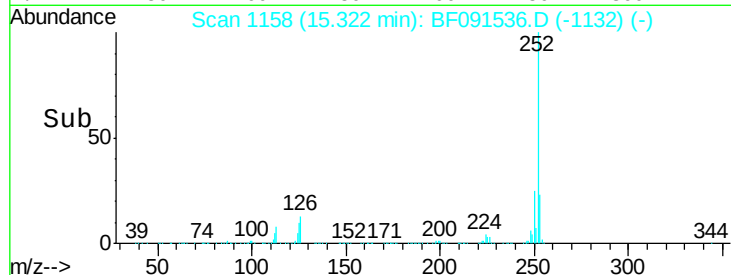
125 10.1 10.4 15.6#



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: 25.85 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

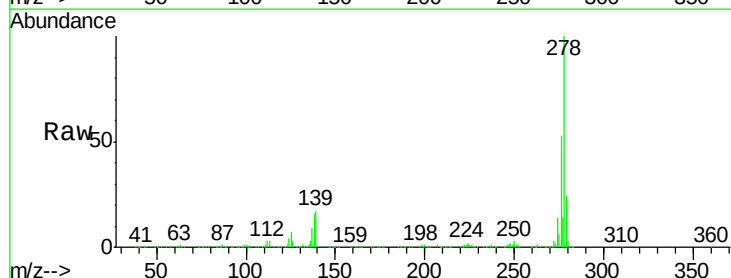
Tgt Ion:278 Resp: 1264727

Ion Ratio Lower Upper

278 100

139 17.0 15.1 22.7

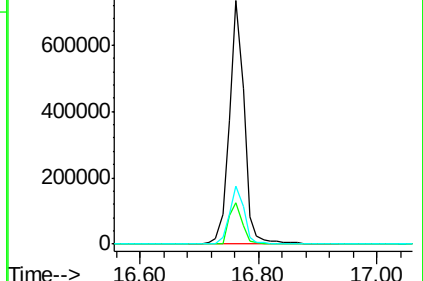
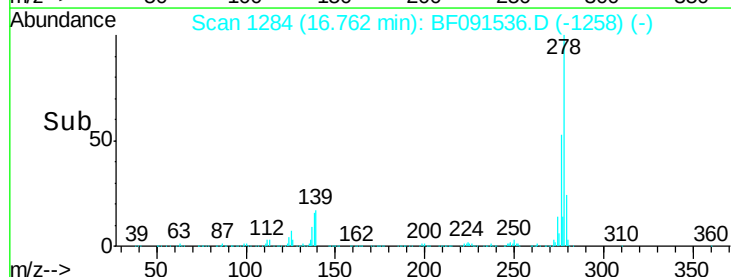
279 23.9 19.0 28.6

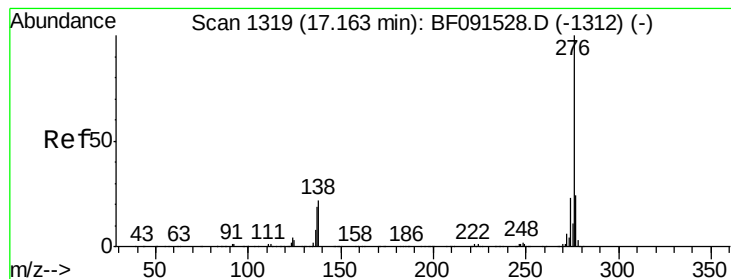


Abundance Ion 278.00 (277.70 to 278.70): E

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: 26.21 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF091536.D

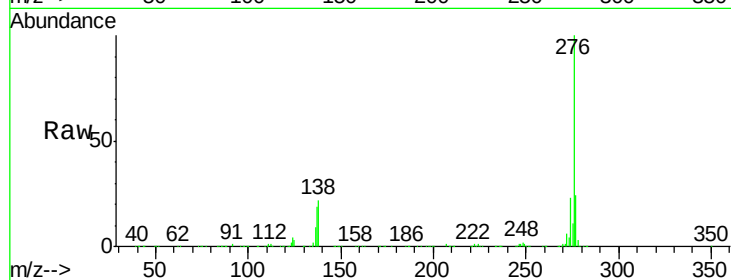
Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS



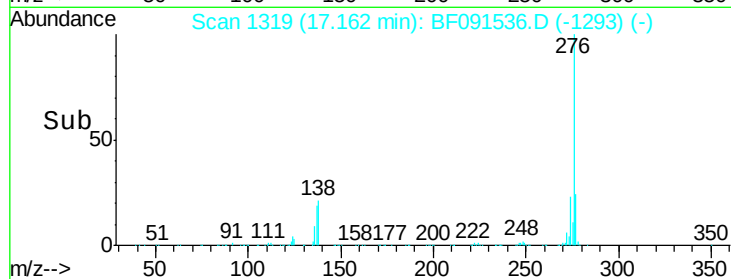
Tgt Ion:276 Resp: 1304768

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 21.5 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

