

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095198.D
 Acq On : 17 May 2017 22:15
 Operator : SJ/MA
 Sample : I3157-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82411	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	325249	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	162267	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	303812	20.00	ng	0.04
75) Chrysene-d12	18.69	240	243306	20.00	ng	0.04
86) Perylene-d12	20.37	264	188080	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	689057	139.40	ng	0.08
7) Phenol-d6	7.32	99	900712	151.87	ng	0.05
23) Nitrobenzene-d5	8.68	82	482695	93.58	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	192257	144.67	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	1005313	89.17	ng	0.03
78) Terphenyl-d14	17.34	244	911084	82.48	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	84046	34.67	ng	94
3) Pyridine	3.01	79	98239	17.48	ng	94
4) n-Nitrosodimethylamine	2.93	42	66107	28.23	ng	84
6) Aniline	7.28	93	296824	39.64	ng	97
8) 2-Chlorophenol	7.47	128	280359	49.83	ng	96
9) Benzaldehyde	7.11	77	108072	29.84	ng	96
10) Phenol	7.34	94	310420	49.67	ng	88
11) bis(2-Chloroethyl)ether	7.41	93	242956	47.09	ng	95
12) 1,3-Dichlorobenzene	7.68	146	294017	46.07	ng	97
13) 1,4-Dichlorobenzene	7.80	146	281840	43.55	ng	98
14) 1,2-Dichlorobenzene	8.04	146	284055	47.02	ng	96
15) Benzyl Alcohol	8.06	79	215411	56.47	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	319490	43.75	ng	60
17) 2-Methylphenol	8.27	107	220842	47.96	ng	# 89
18) Hexachloroethane	8.55	117	96876	44.18	ng	# 87
19) n-Nitroso-di-n-propylamine	8.48	70	190431	47.48	ng	92
20) 3+4-Methylphenols	8.52	107	295363	47.21	ng	# 57
22) Acetophenone	8.45	105	365935	46.89	ng	# 85
24) Nitrobenzene	8.71	77	243198	44.98	ng	91
25) Isophorone	9.11	82	460454	49.99	ng	94
26) 2-Nitrophenol	9.21	139	148669	50.96	ng	99
27) 2,4-Dimethylphenol	9.34	122	245197	51.99	ng	97
28) bis(2-Chloroethoxy)methane	9.47	93	302466	47.47	ng	100
29) 2,4-Dichlorophenol	9.64	162	221122	49.65	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	222949	46.73	ng	98
31) Naphthalene	9.82	128	717516	43.89	ng	100
32) Benzoic acid	9.63	122	11800	8.49	ng	86
33) 4-Chloroaniline	9.99	127	74747	12.27	ng	# 92
34) Hexachlorobutadiene	10.04	225	102539	40.73	ng	96
35) Caprolactam	10.59	113	30668	22.93	ng	# 82
36) 4-Chloro-3-methylphenol	10.82	107	237316	49.84	ng	90
37) 2-Methylnaphthalene	10.95	142	526409	49.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	200821	40.24	ng	99
40) Hexachlorocyclopentadiene	11.20	237	113180	55.92	ng	99

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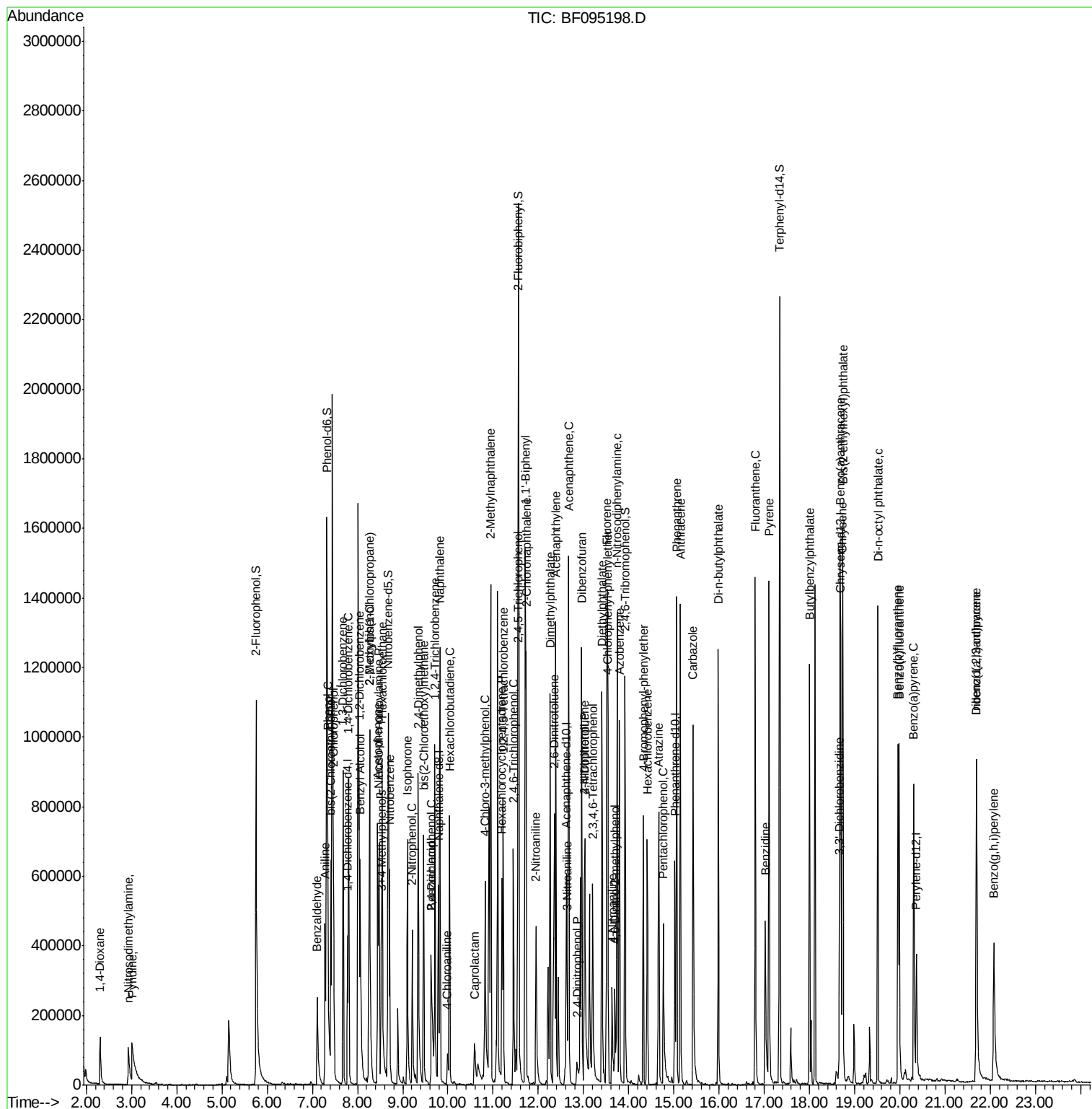
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	149714	44.94	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	144331	40.30	nq	95
45) 1,1'-Biphenyl	11.71	154	573938	42.01	nq	97
46) 2-Chloronaphthalene	11.73	162	462611	41.94	nq	96
47) 2-Nitroaniline	11.95	65	135016	44.72	nq	# 86
48) Acenaphthylene	12.39	152	762922	44.15	nq	98
49) Dimethylphthalate	12.27	163	693555	52.06	nq	98
50) 2,6-Dinitrotoluene	12.36	165	126463	46.53	nq	98
51) Acenaphthene	12.67	154	442619	42.89	nq	98
52) 3-Nitroaniline	12.64	138	67605	23.18	nq	83
53) 2,4-Dinitrophenol	12.85	184	35917	28.37	nq	# 66
54) Dibenzofuran	12.96	168	678902	47.54	nq	98
55) 4-Nitrophenol	13.02	139	147711	84.31	nq	# 75
56) 2,4-Dinitrotoluene	13.02	165	170576	48.85	nq	# 87
57) Fluorene	13.52	166	532816	42.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	111841	49.63	nq	# 96
59) Diethylphthalate	13.41	149	543329	42.55	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	232464	42.59	nq	90
61) 4-Nitroaniline	13.64	138	109287	40.81	nq	95
62) Azobenzene	13.80	77	495291	48.27	nq	94
64) 4,6-Dinitro-2-methylphenol	13.70	198	69568	34.16	nq	# 68
65) n-Nitrosodiphenylamine	13.75	169	467909	42.43	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	118186	36.82	nq	96
67) Hexachlorobenzene	14.41	284	118218	35.94	nq	# 87
68) Atrazine	14.67	200	139076	44.67	nq	96
69) Pentachlorophenol	14.77	266	101726	69.25	nq	95
70) Phenanthrene	15.07	178	761603	43.63	nq	98
71) Anthracene	15.15	178	790611	44.34	nq	98
72) Carbazole	15.42	167	734631	45.28	nq	97
73) Di-n-butylphthalate	15.98	149	826706	40.86	nq	98
74) Fluoranthene	16.80	202	776984	43.39	nq	99
76) Benzidine	17.02	184	338015	50.91	nq	# 92
77) Pyrene	17.11	202	797934	43.85	nq	99
79) Butylbenzylphthalate	18.00	149	328168	38.77	nq	90
80) Benzo(a)anthracene	18.68	228	610026	43.08	nq	98
81) 3,3'-Dichlorobenzidine	18.66	252	125758	25.71	nq	# 94
82) Chrysene	18.72	228	559752	40.88	nq	98
83) Bis(2-ethylhexyl)phthalate	18.74	149	485811	40.29	nq	99
84) Di-n-octyl phthalate	19.51	149	763588	38.62	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	440354	39.60	nq	99
87) Benzo(b)fluoranthene	19.96	252	468640	40.32	nq	98
88) Benzo(k)fluoranthene	19.98	252	474769	42.35	nq	97
89) Benzo(a)pyrene	20.31	252	450459	42.00	nq	98
90) Dibenzo(a,h)anthracene	21.70	278	363979	41.10	nq	98
91) Benzo(g,h,i)perylene	22.08	276	381909	43.94	nq	98

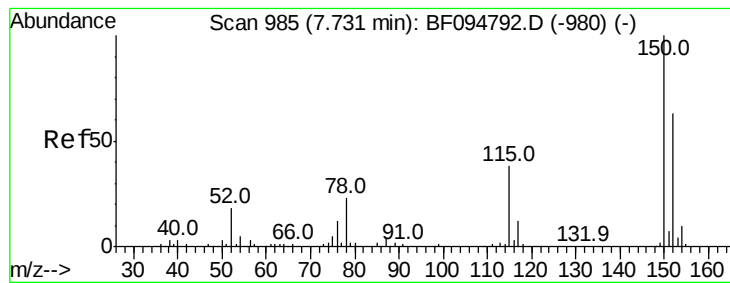
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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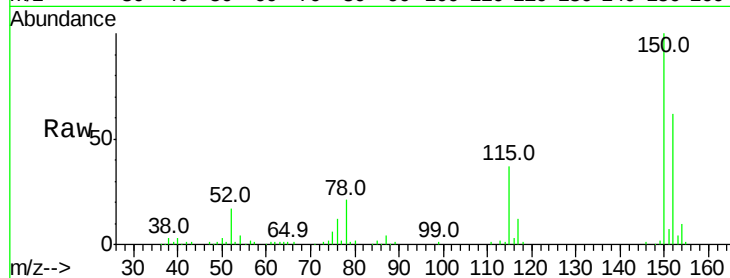


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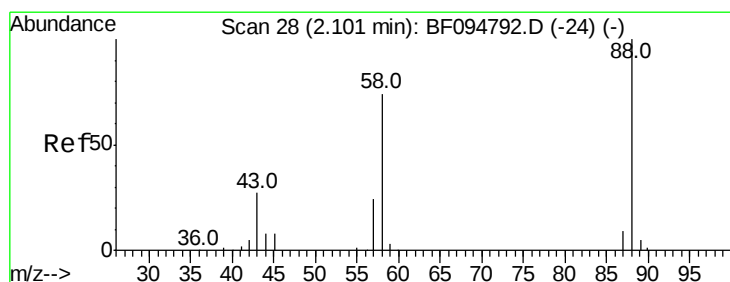
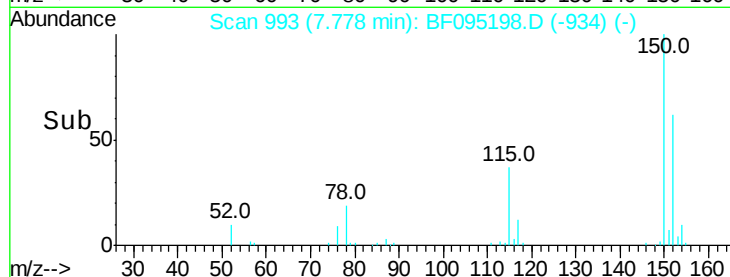
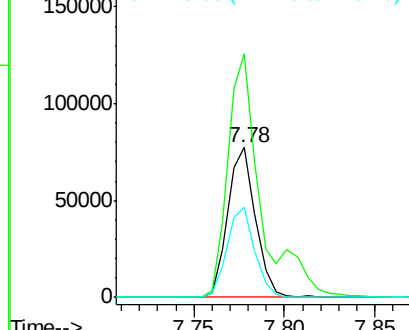
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82411
Ion Ratio Lower Upper
152 100
150 162.2 126.2 189.2
115 59.9 52.2 78.2



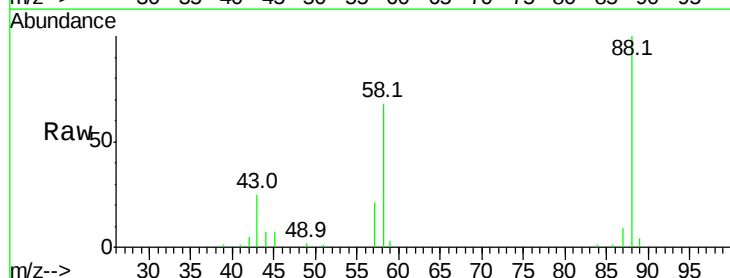
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



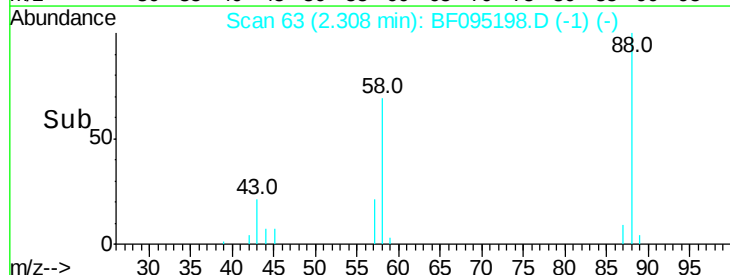
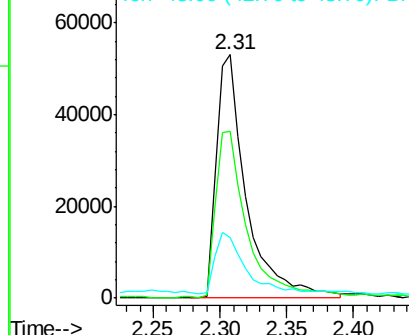
#2

1,4-Dioxane
Concen: 34.67 ng
RT: 2.31 min Scan# 63
Delta R.T. 0.21 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion: 88 Resp: 84046
Ion Ratio Lower Upper
88 100
58 72.1 61.4 92.0
43 25.1 23.4 35.0



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

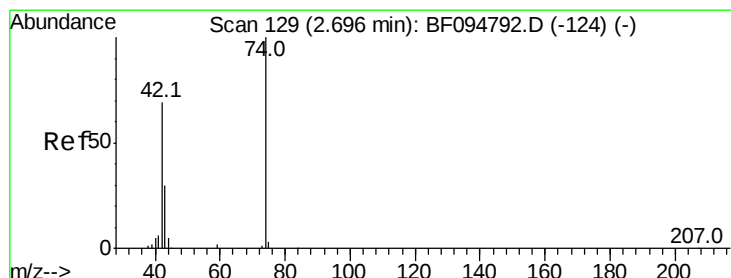
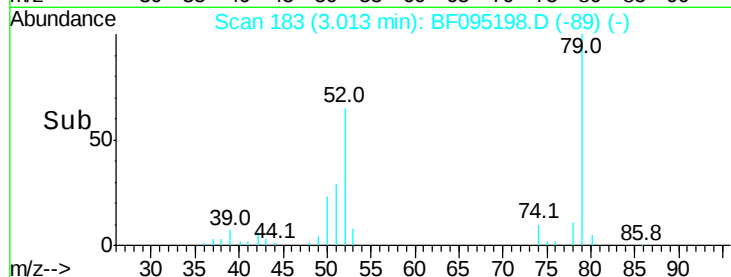
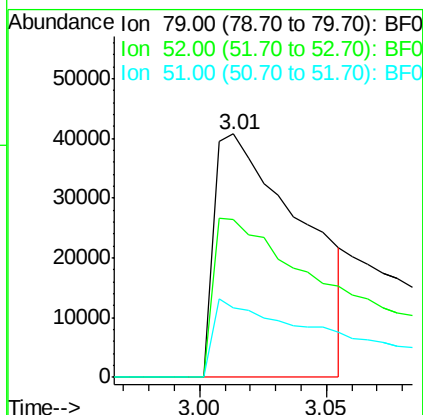
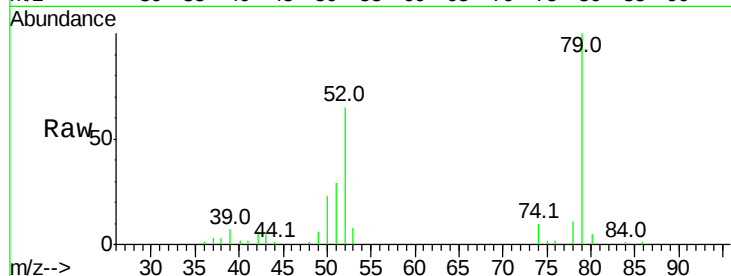




#3
 Pvridine
 Concen: 17.48 ng
 RT: 3.01 min Scan# 183
 Delta R.T. 0.25 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

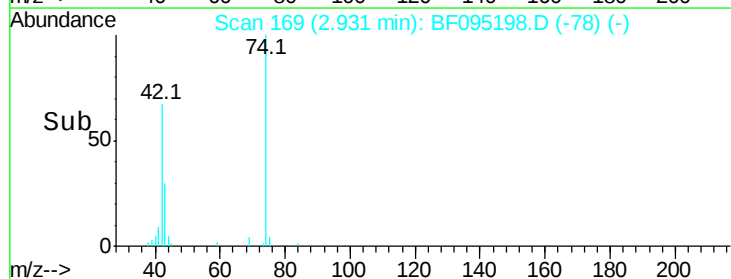
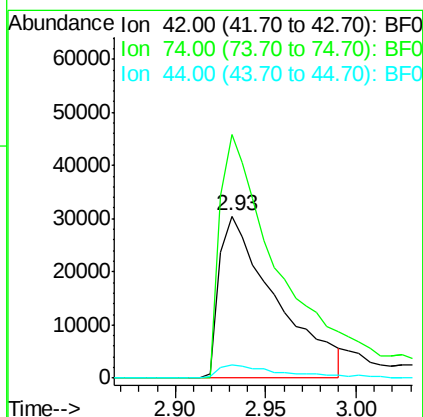
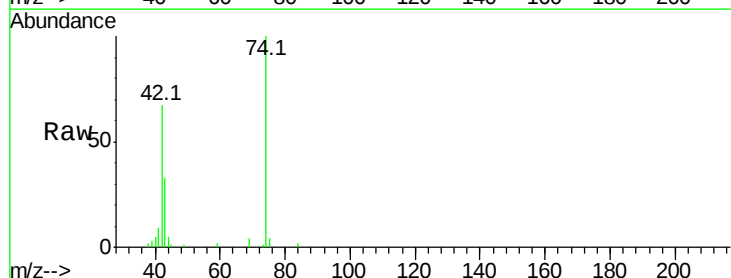
Instrument :
 BNA_F
 ClientSampled :

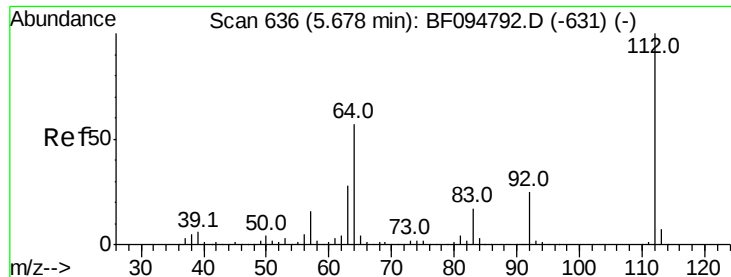
Tot Ion: 79 Resp: 98239
 Ion Ratio Lower Upper
 79 100
 52 64.9 54.8 82.2
 51 28.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 28.23 ng
 RT: 2.93 min Scan# 169
 Delta R.T. 0.24 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion: 42 Resp: 66107
 Ion Ratio Lower Upper
 42 100
 74 150.0 103.9 155.9
 44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 139.40 ng

RT: 5.75 min Scan# 649

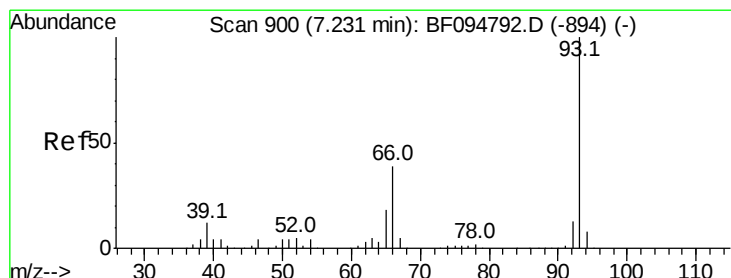
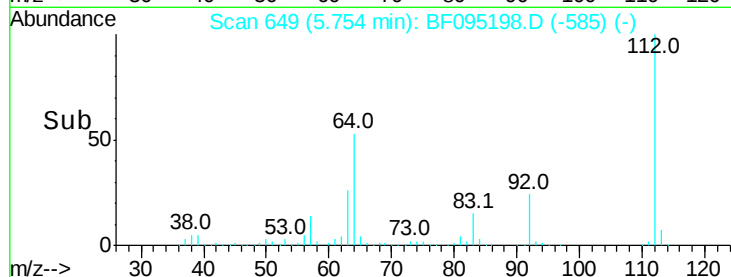
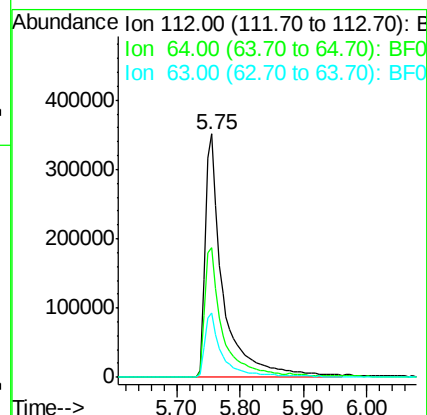
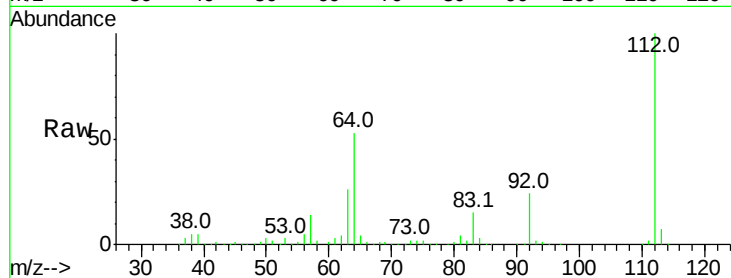
Delta R.T. 0.08 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	689057
Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	26.5	23.4	35.0



#6

Aniline

Concen: 39.64 ng

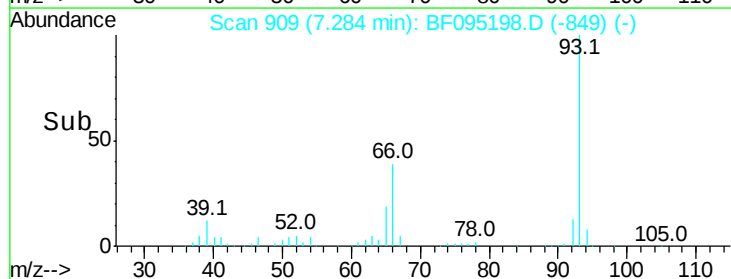
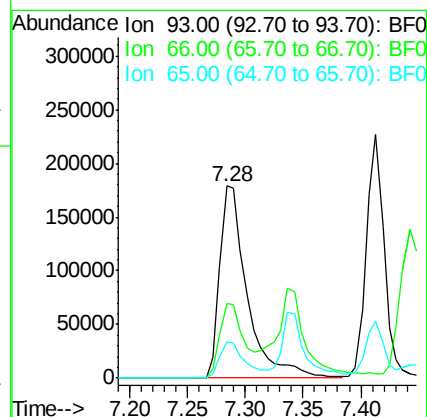
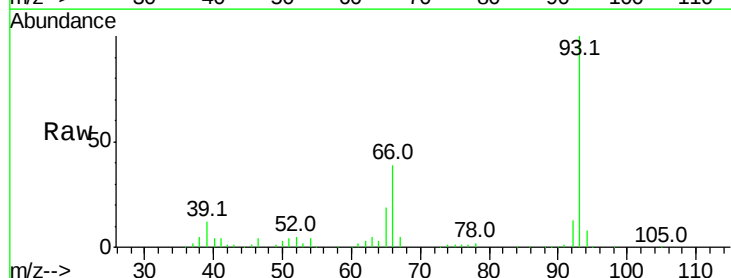
RT: 7.28 min Scan# 909

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion:	93	Resp:	296824
Ion	Ratio	Lower	Upper
93	100		
66	38.8	32.9	49.3
65	18.6	16.0	24.0





#7

Phenol-d6

Concen: 151.87 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

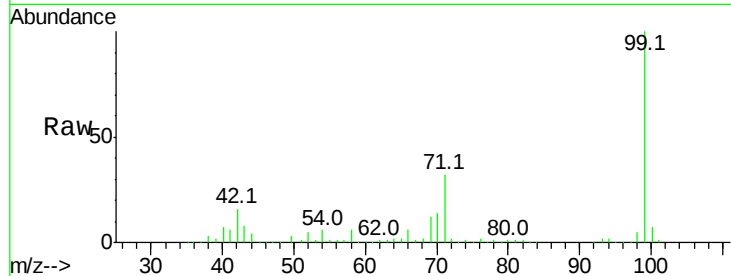
Tot Ion: 99 Resp: 900712

Ion Ratio Lower Upper

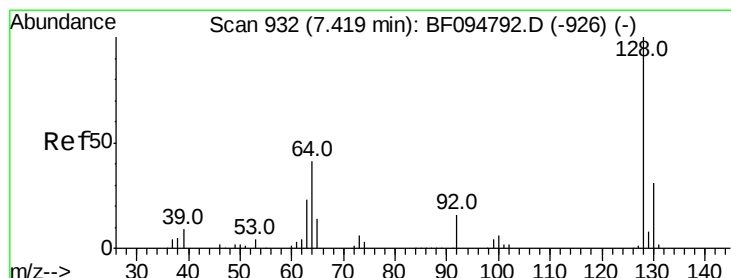
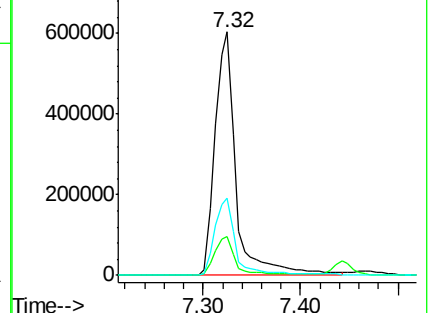
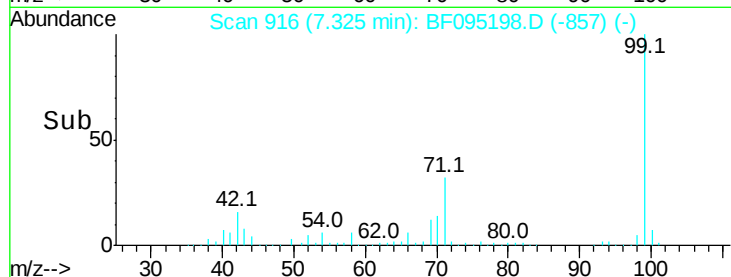
99 100

42 15.9 13.5 20.3

71 31.9 24.5 36.7



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: 49.83 ng

RT: 7.47 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

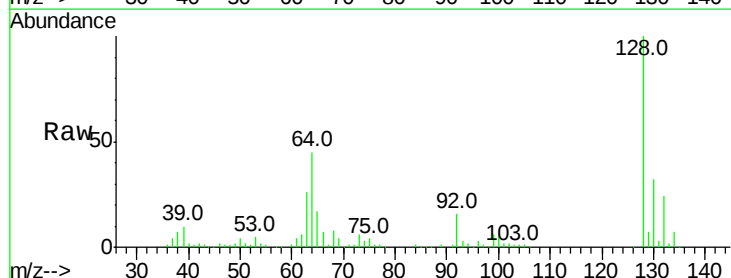
Tgt Ion:128 Resp: 280359

Ion Ratio Lower Upper

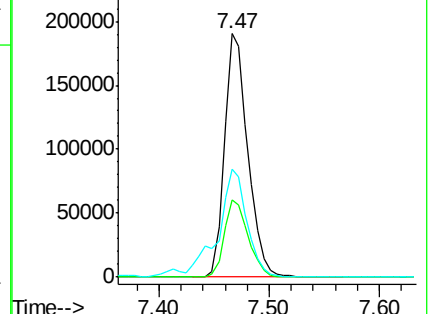
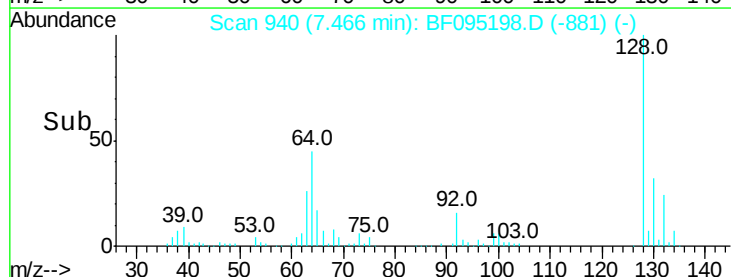
128 100

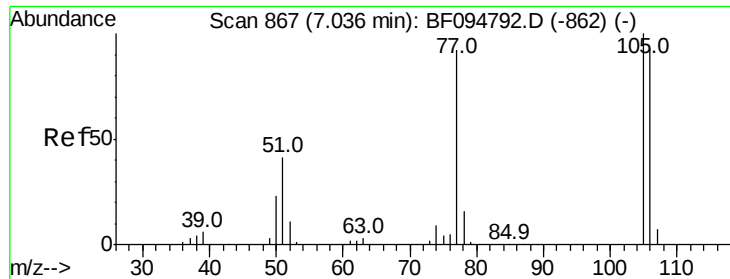
130 31.7 12.9 52.9

64 44.5 28.4 68.4



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

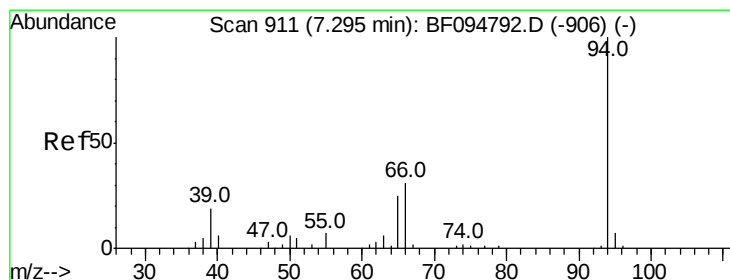
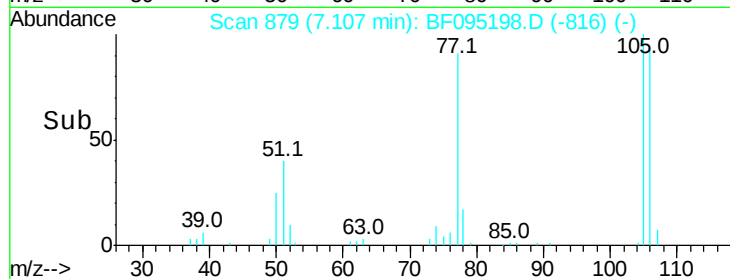
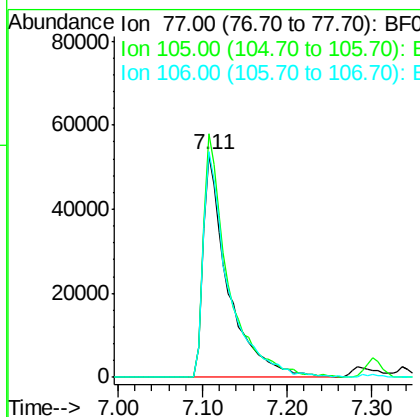
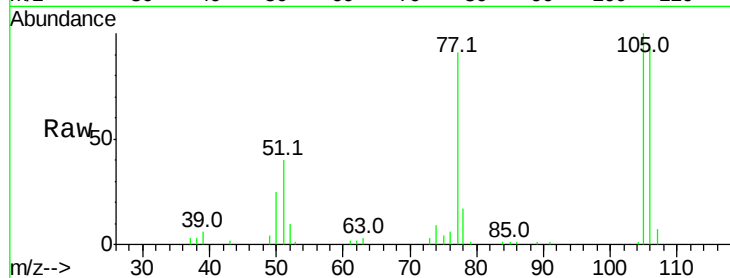




#9
Benzaldehyde
Concen: 29.84 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

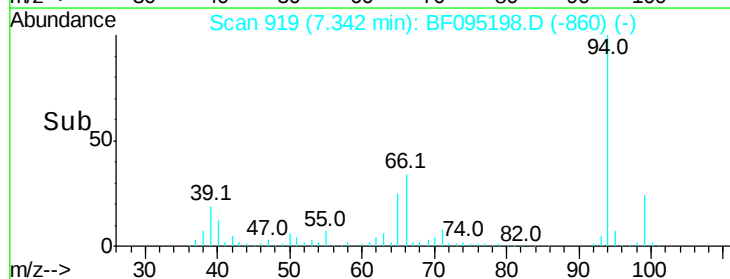
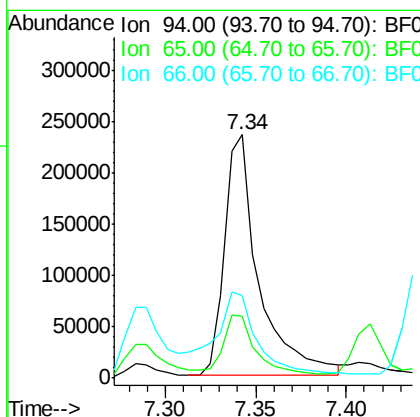
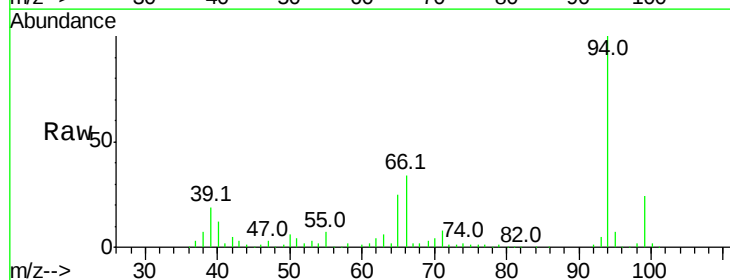
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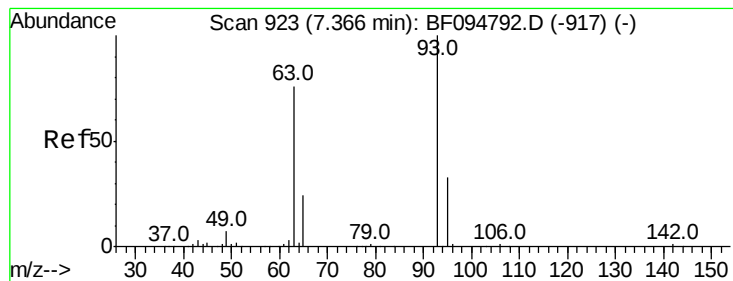
Tot Ion: 77 Resp: 108072
Ion Ratio Lower Upper
77 100
105 109.6 83.8 123.8
106 101.8 79.1 119.1



#10
Phenol
Concen: 49.67 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion: 94 Resp: 310420
Ion Ratio Lower Upper
94 100
65 25.2 9.9 49.9
66 33.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 47.09 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

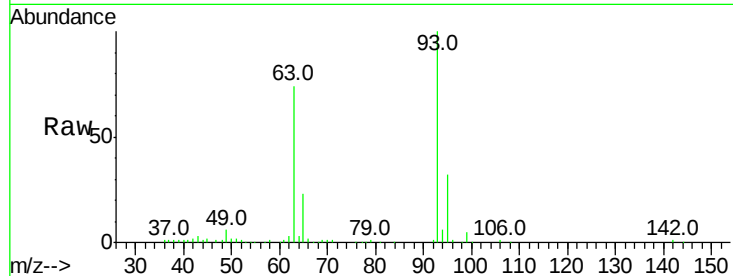
Tot Ion: 93 Resp: 242956

Ion Ratio Lower Upper

93 100

63 73.8 59.2 99.2

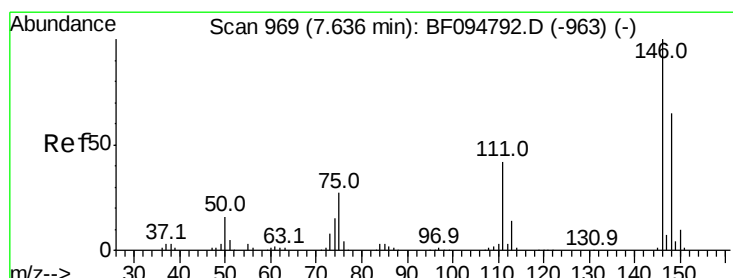
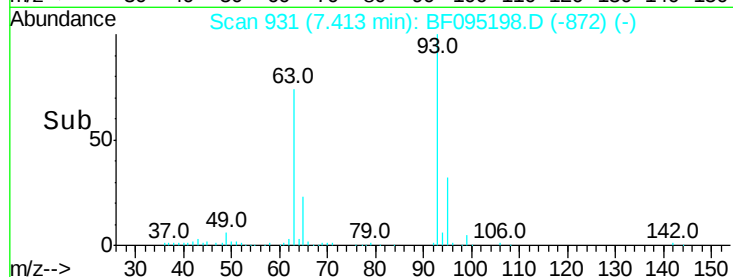
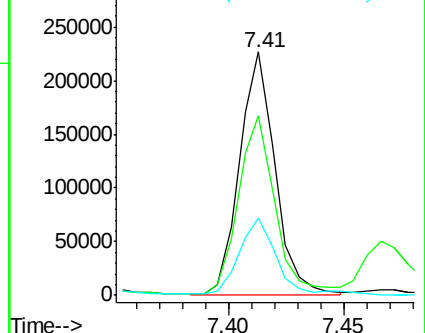
95 31.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 46.07 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

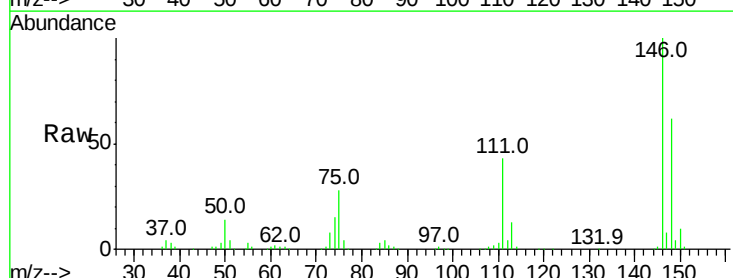
Tgt Ion: 146 Resp: 294017

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.6

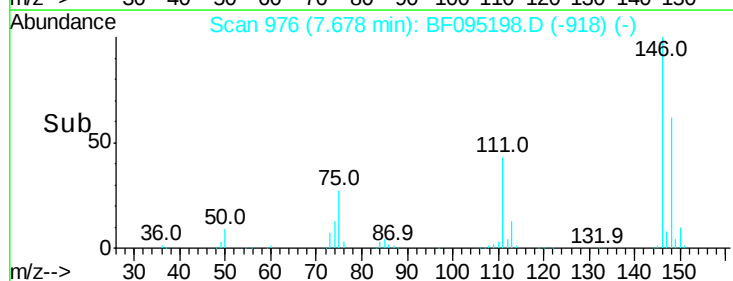
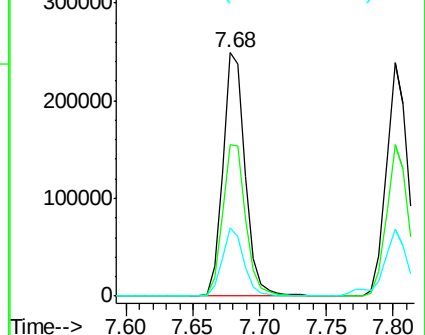
75 27.9 23.1 34.7

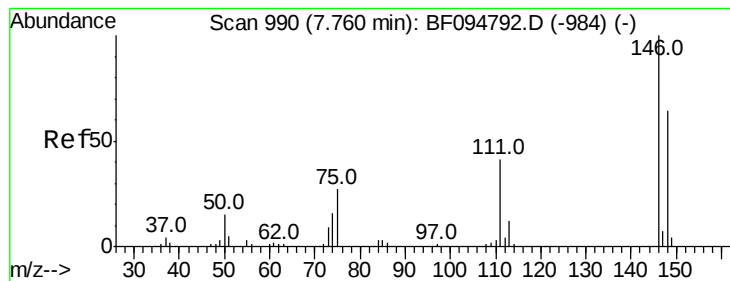


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.55 ng

RT: 7.80 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

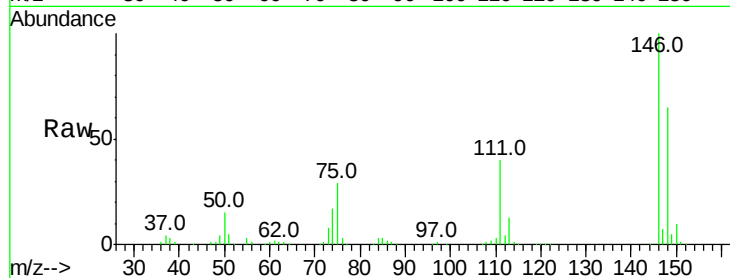
Tot Ion:146 Resp: 281840

Ion Ratio Lower Upper

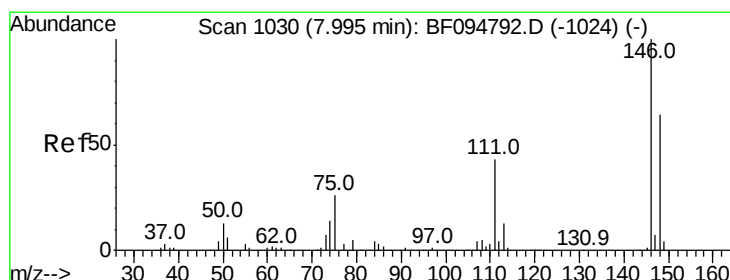
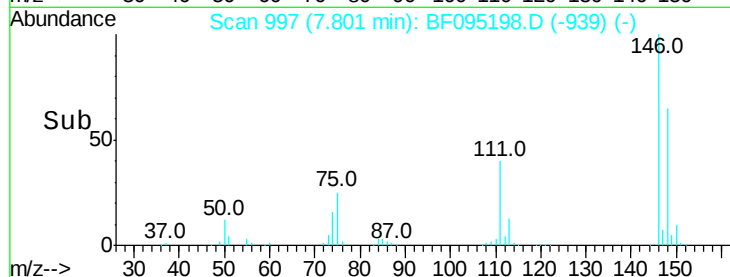
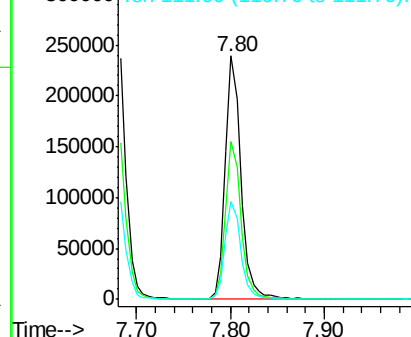
146 100

148 64.8 52.2 78.2

111 40.2 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 47.02 ng

RT: 8.04 min Scan# 1037

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

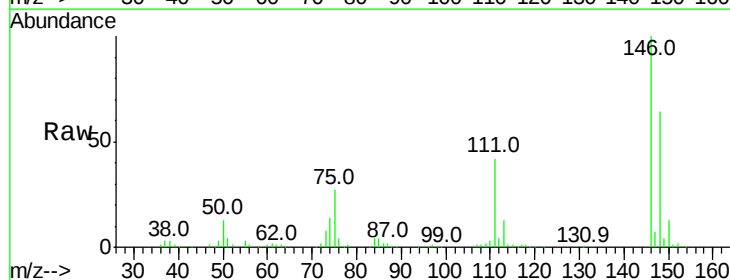
Tgt Ion:146 Resp: 284055

Ion Ratio Lower Upper

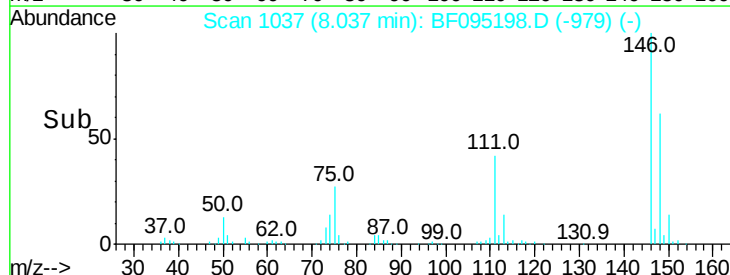
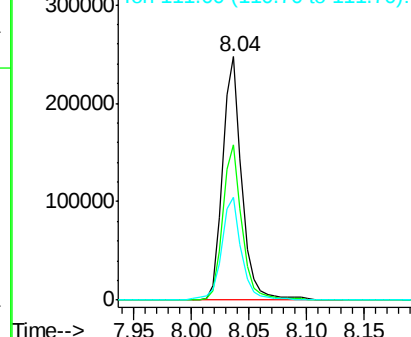
146 100

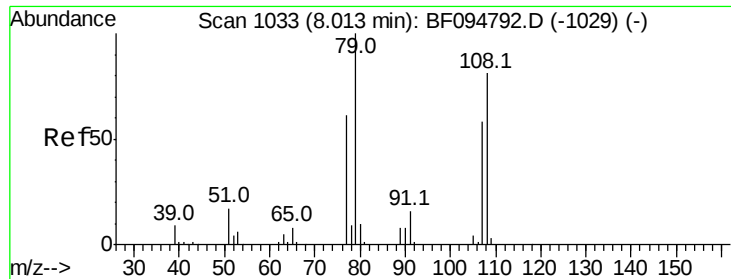
148 63.7 50.4 75.6

111 42.0 38.2 57.4



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

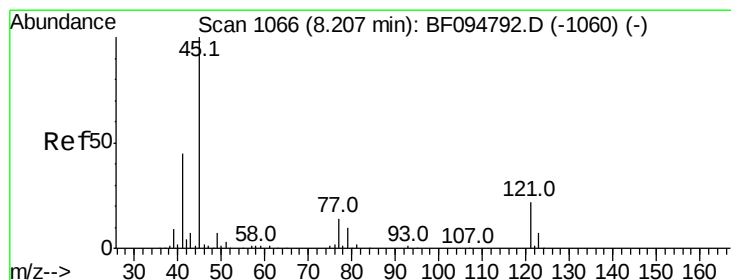
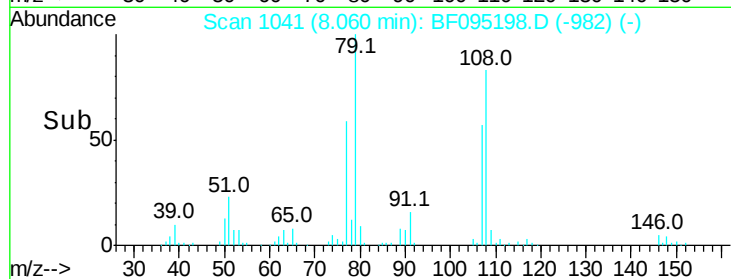
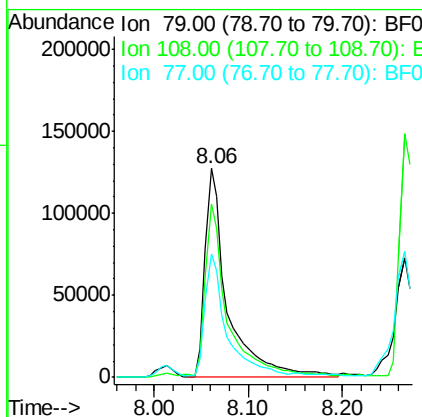
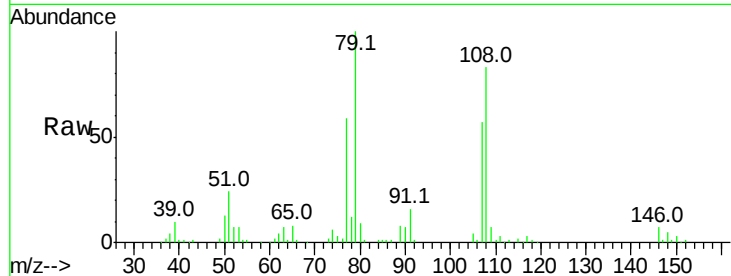




#15
Benzyl Alcohol
Concen: 56.47 ng
RT: 8.06 min Scan# 1041
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

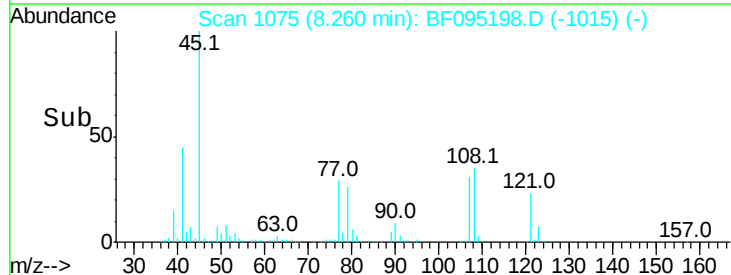
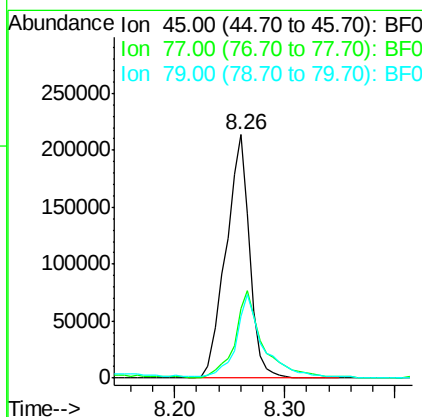
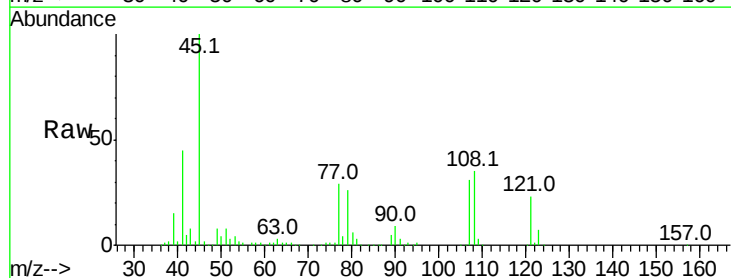
Instrument :
BNA_F
ClientSampleId :

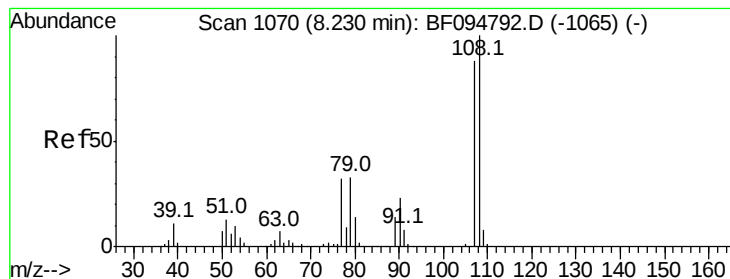
Tot Ion: 79 Resp: 215411
Ion Ratio Lower Upper
79 100
108 82.7 63.4 95.0
77 58.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.75 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion: 45 Resp: 319490
Ion Ratio Lower Upper
45 100
77 28.7 0.0 33.2
79 25.6 0.0 30.0

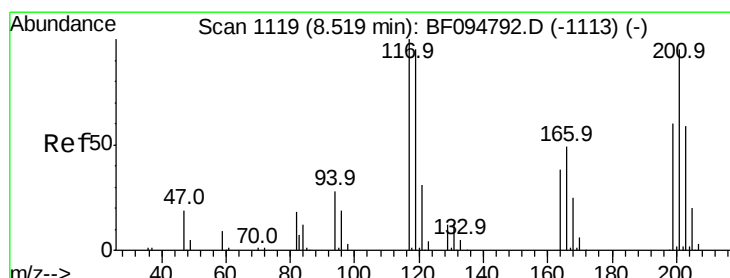
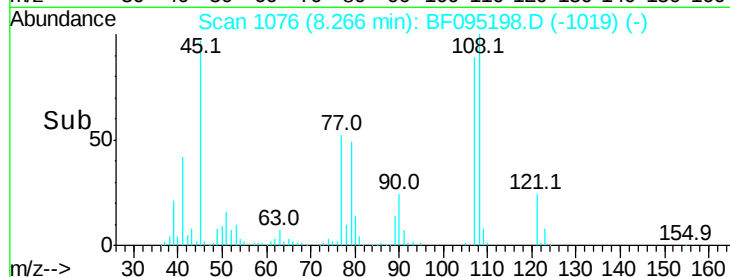
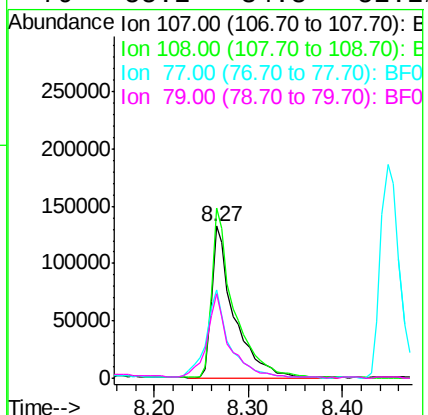
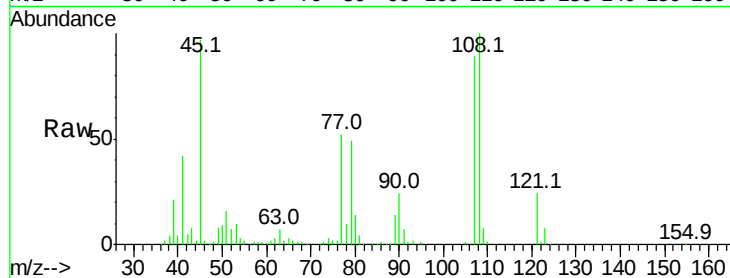




#17
2-Methylphenol
Concen: 47.96 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.04 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

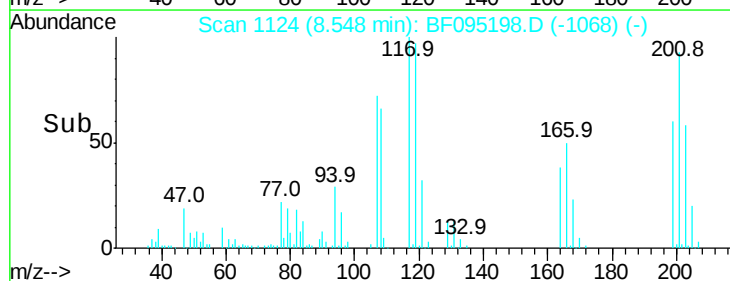
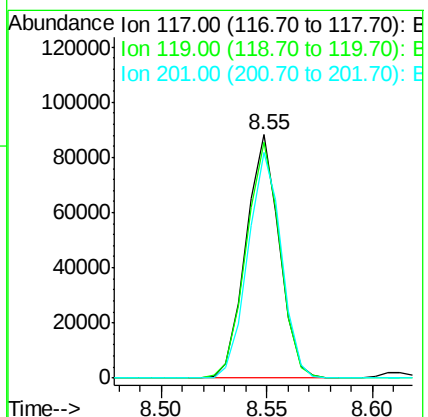
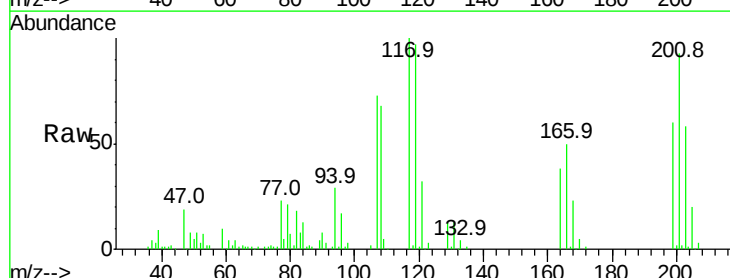
Instrument :
BNA_F
ClientSampled :

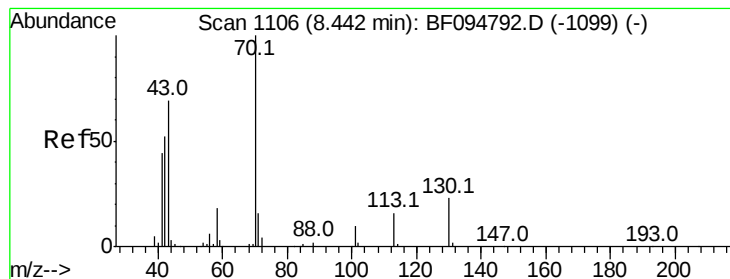
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.4	140.0
77	57.9	35.8	53.6#
79	55.2	34.8	52.2#



#18
Hexachloroethane
Concen: 44.18 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	92.9	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 47.48 ng

RT: 8.48 min Scan# 1112

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 190431

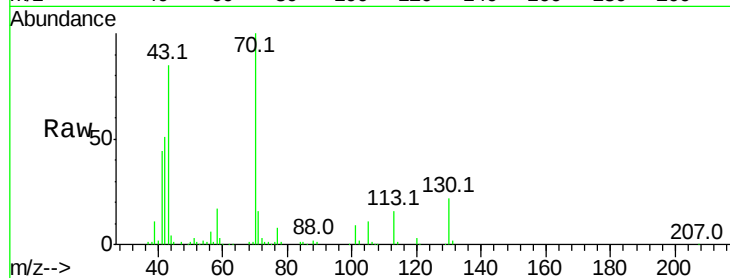
Ion Ratio Lower Upper

70 100

42 51.4 47.2 70.8

101 9.0 7.2 10.8

130 21.7 15.9 23.9



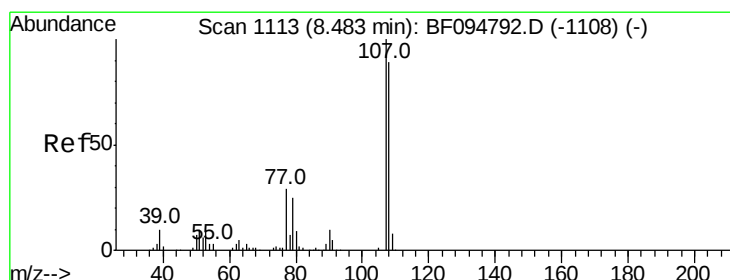
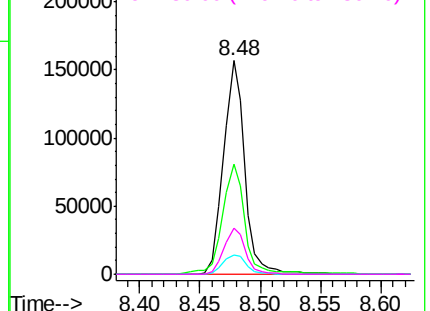
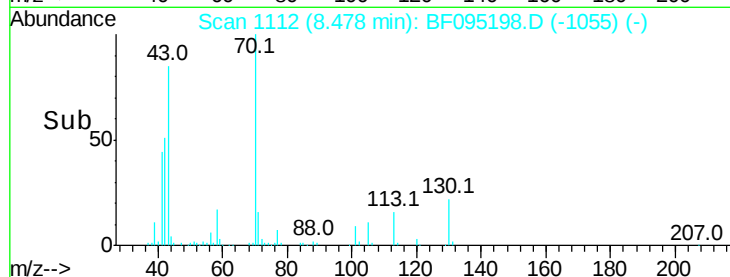
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 47.21 ng

RT: 8.52 min Scan# 1120

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion: 107 Resp: 295363

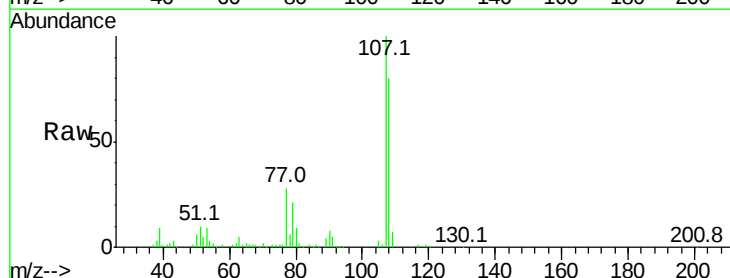
Ion Ratio Lower Upper

107 100

108 80.5 71.0 111.0

77 28.3 90.5 130.5#

79 21.4 8.4 48.4



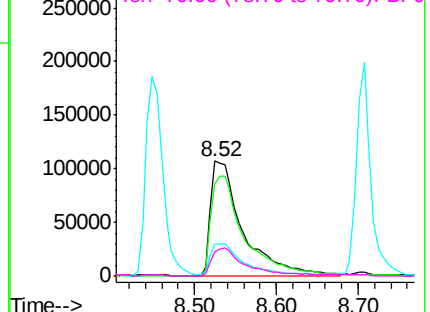
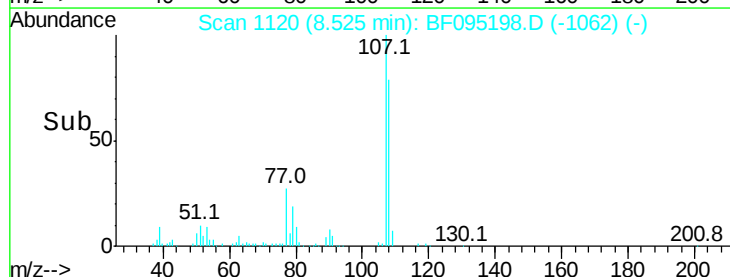
Abundance

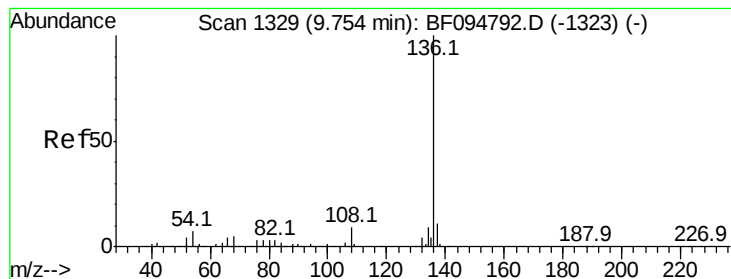
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 325249

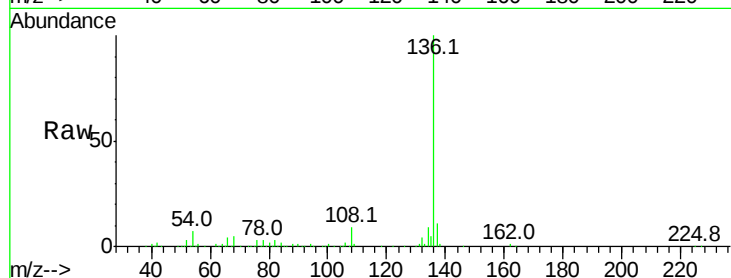
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 4.9 7.3

68 5.0 4.1 6.1

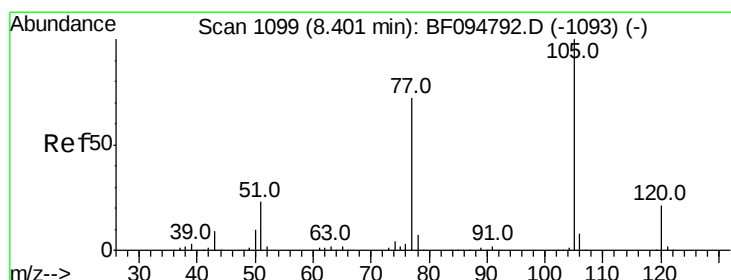
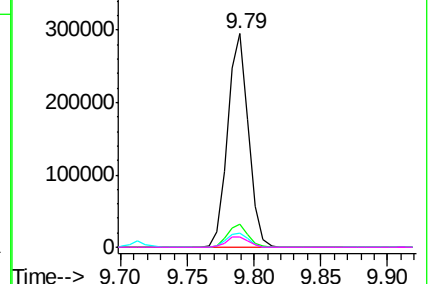
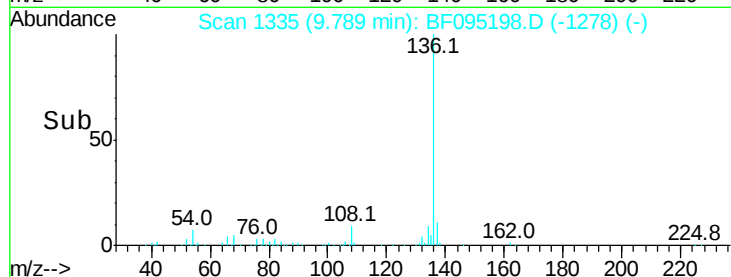


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.89 ng

RT: 8.45 min Scan# 1107

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion:105 Resp: 365935

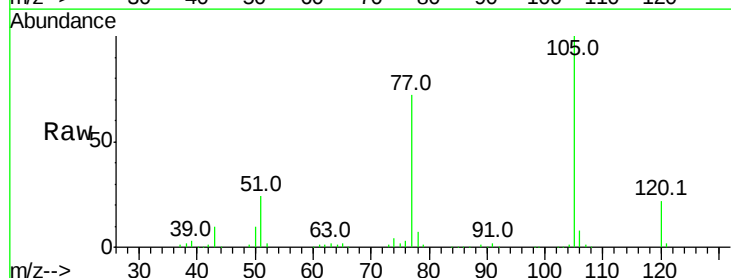
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.0 30.7 46.1#

120 21.8 17.4 26.0

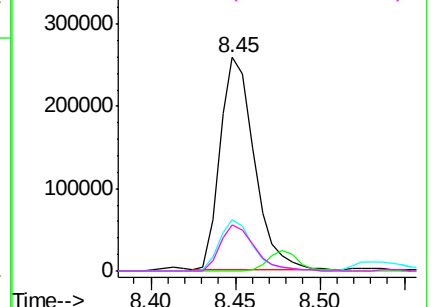
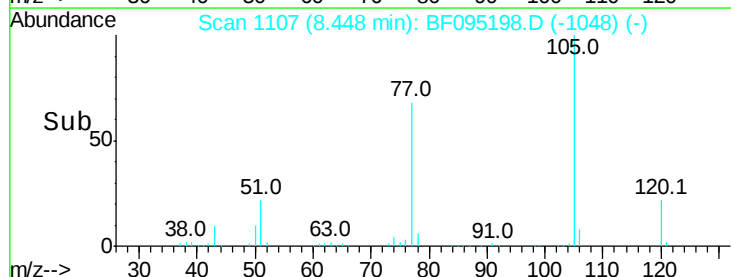


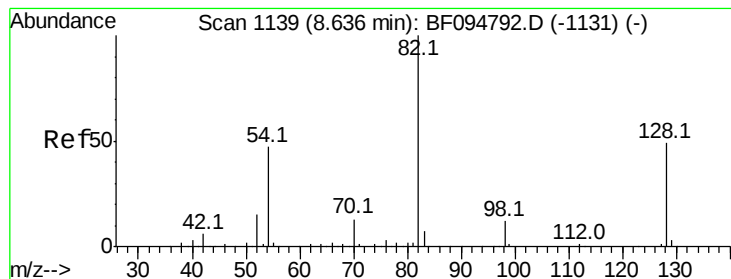
Abundance Ion 105.00 (104.70 to 105.70): E

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: 93.58 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampled :

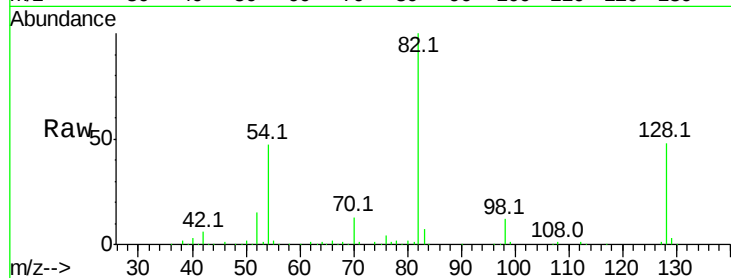
Tot Ion: 82 Resp: 482695

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

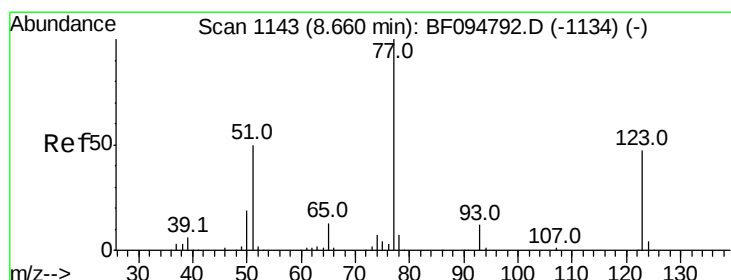
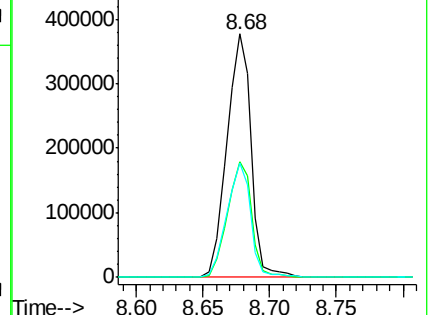
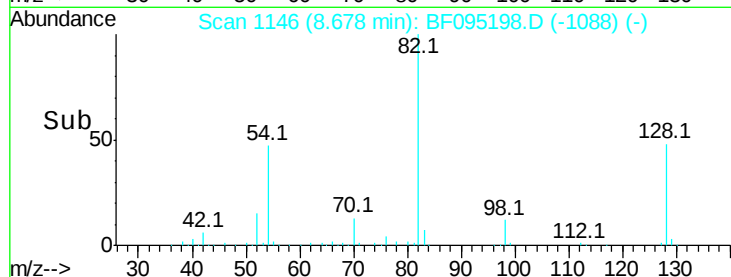
54 46.9 42.2 63.2



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: 44.98 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

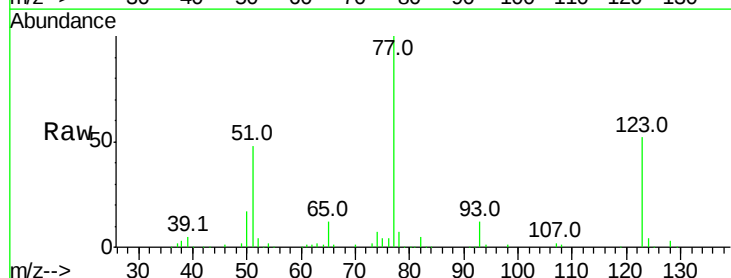
Tgt Ion: 77 Resp: 243198

Ion Ratio Lower Upper

77 100

123 52.0 35.8 53.8

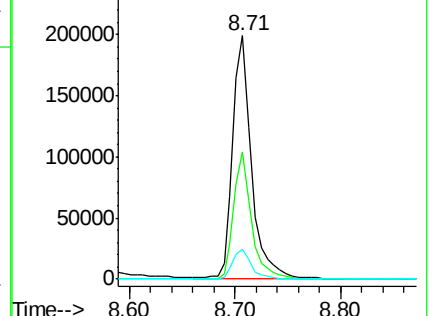
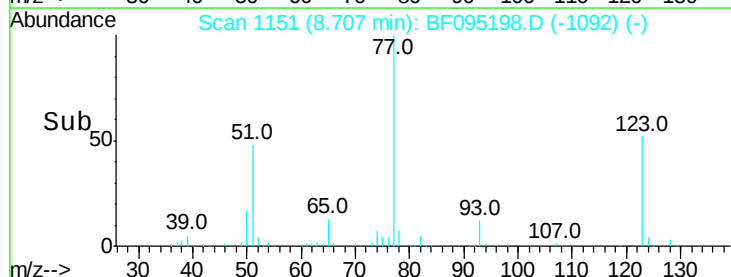
65 12.5 10.6 15.8

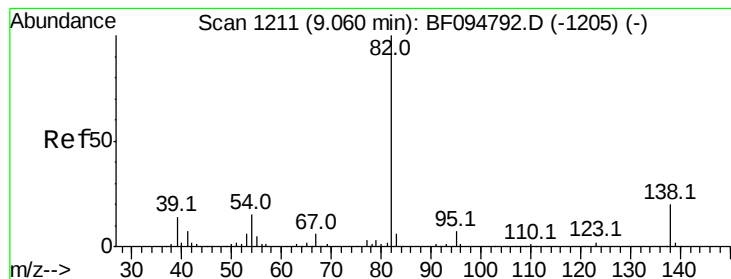


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.99 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

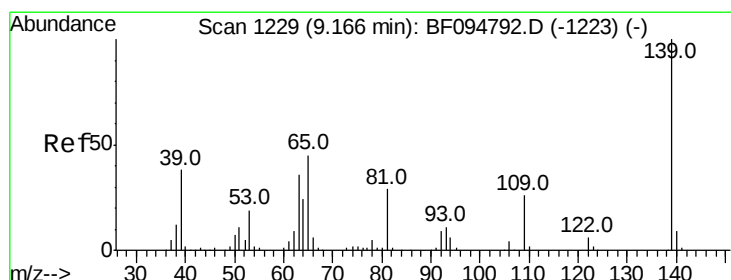
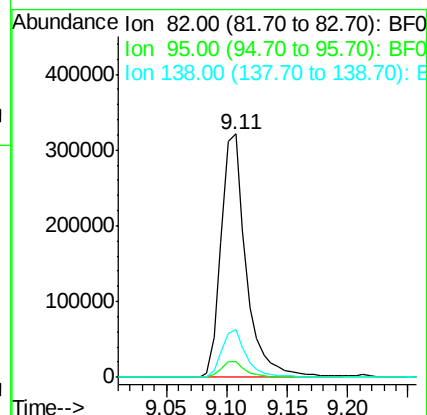
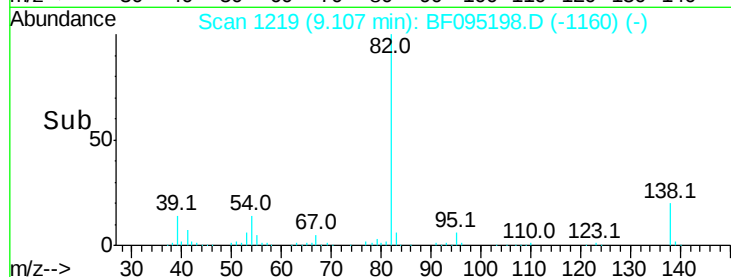
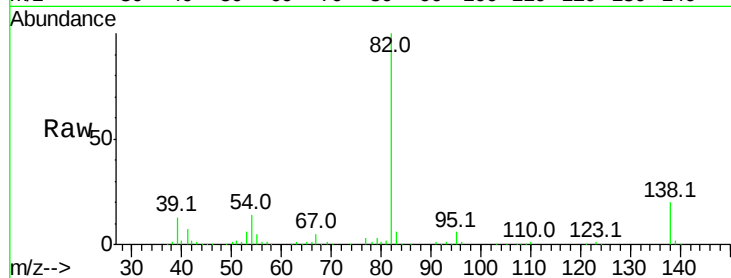
Tot Ion: 82 Resp: 460454

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 50.96 ng

RT: 9.21 min Scan# 1237

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

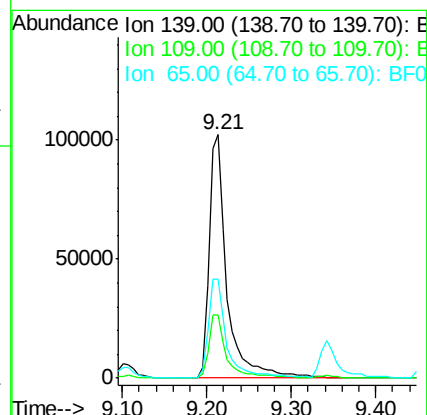
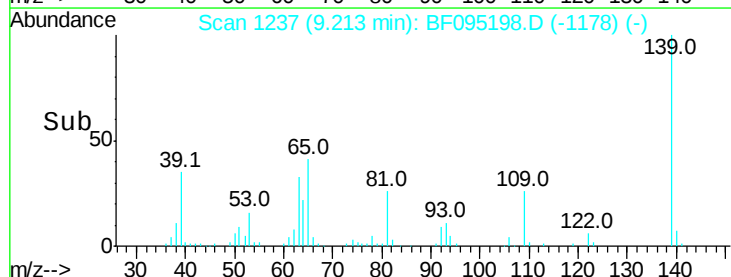
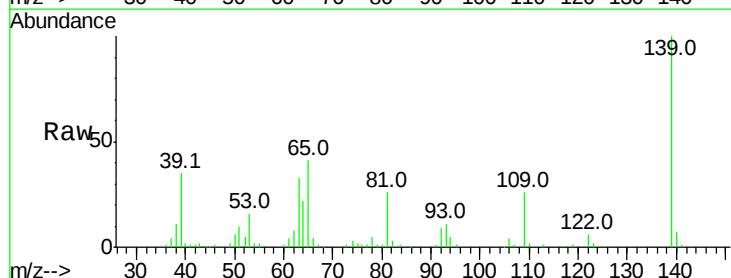
Tgt Ion:139 Resp: 148669

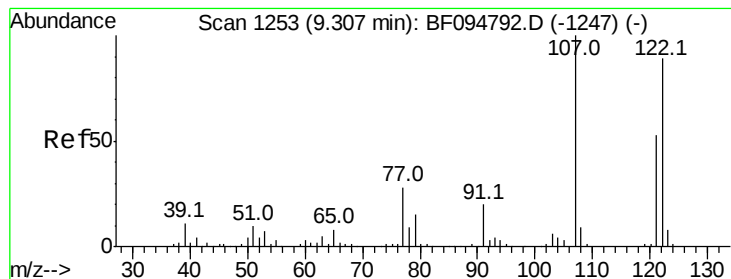
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

65 40.6 33.0 49.6

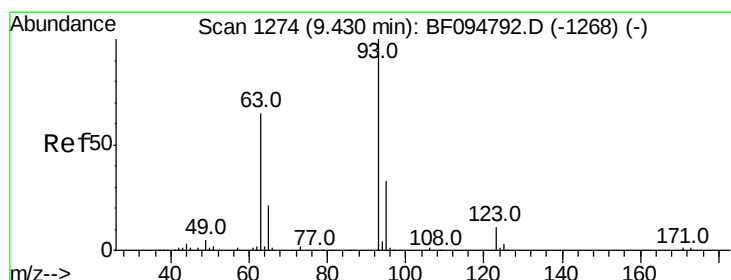
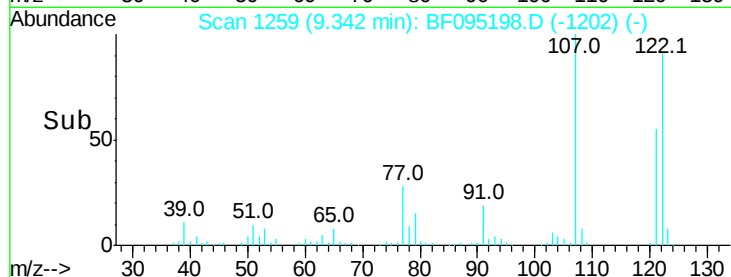
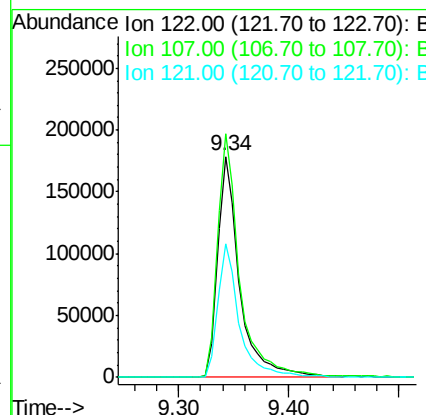
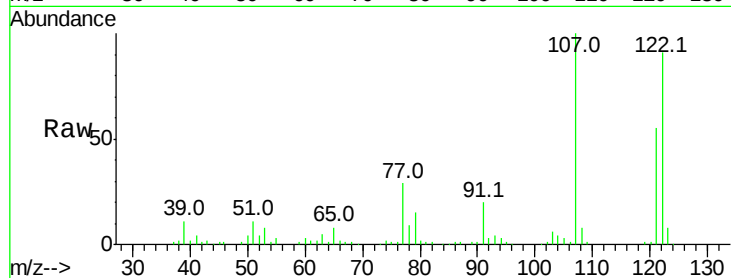




#27
 2,4-Dimethylphenol
 Concen: 51.99 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

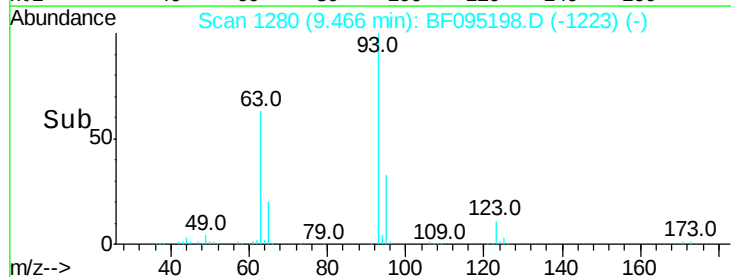
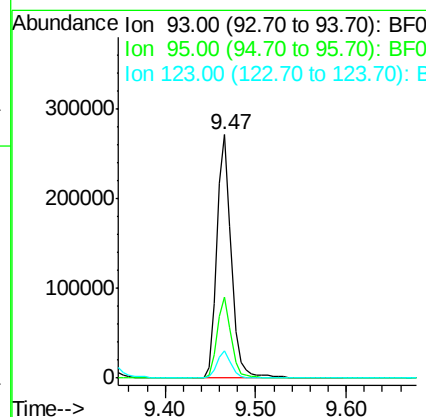
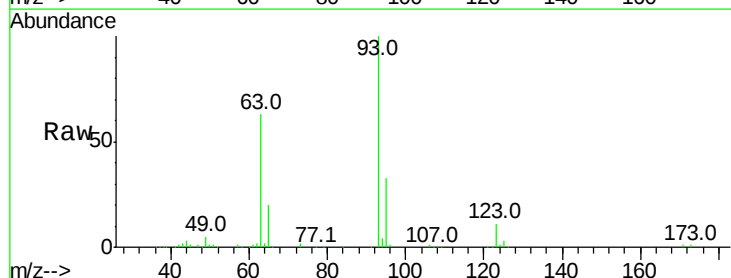
Instrument :
 BNA_F
 ClientSampled :

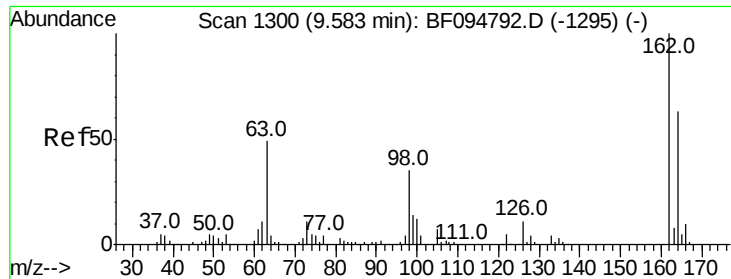
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.2	133.8
121	60.6	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.47 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.0	9.0	13.4

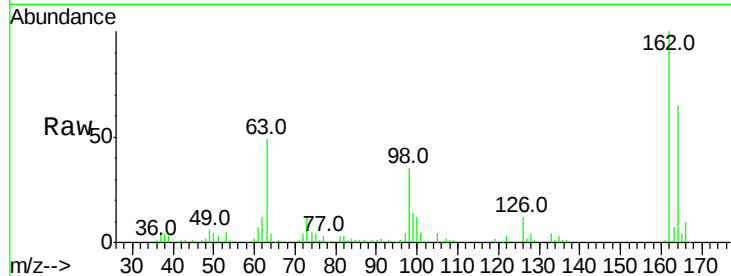




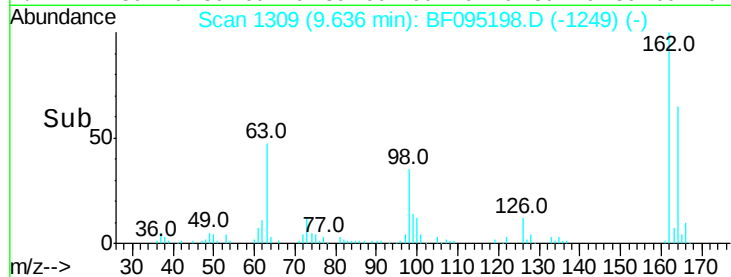
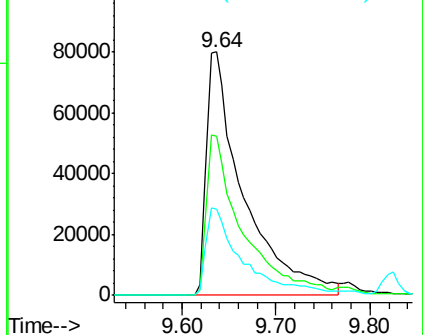
#29
 2,4-Dichlorophenol
 Concen: 49.65 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.6	84.6
98	35.3	14.8	54.8

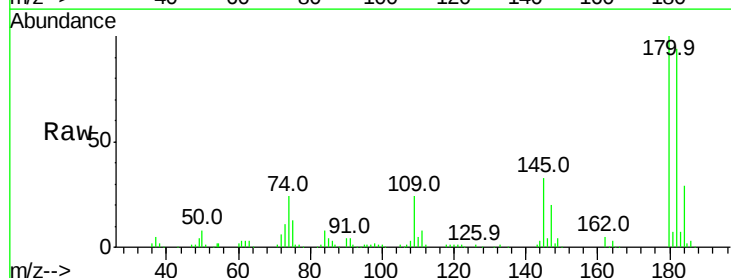


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

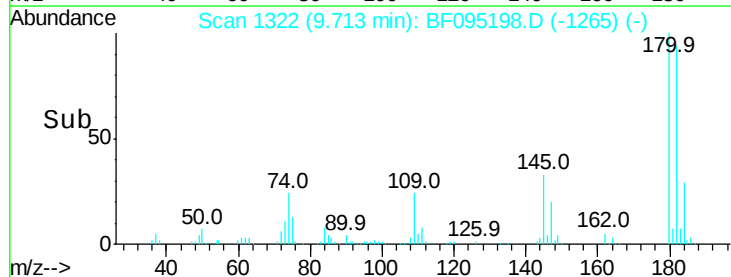
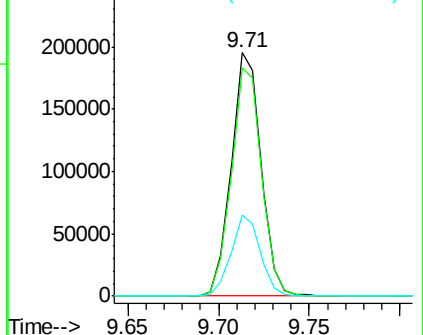


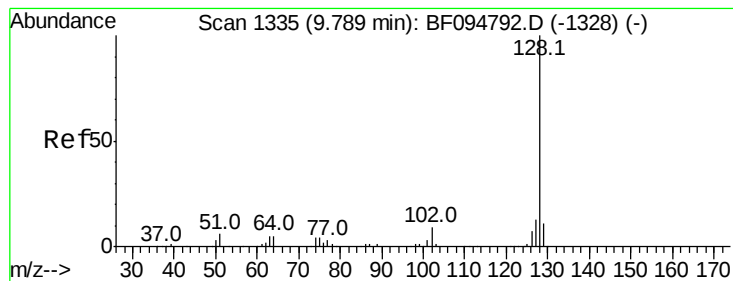
#30
 1,2,4-Trichlorobenzene
 Concen: 46.73 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.6
145	33.1	25.3	37.9



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: 43.89 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

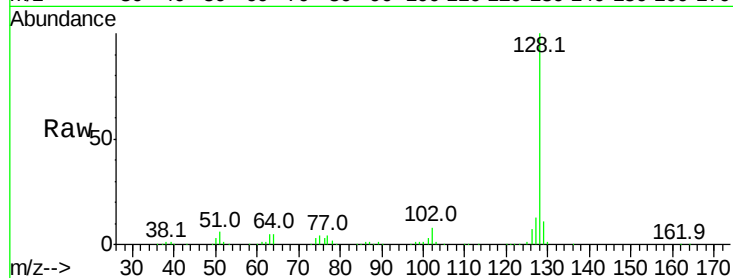
Tot Ion:128 Resp: 717516

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

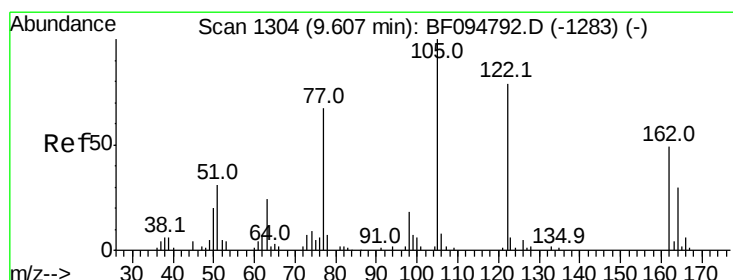
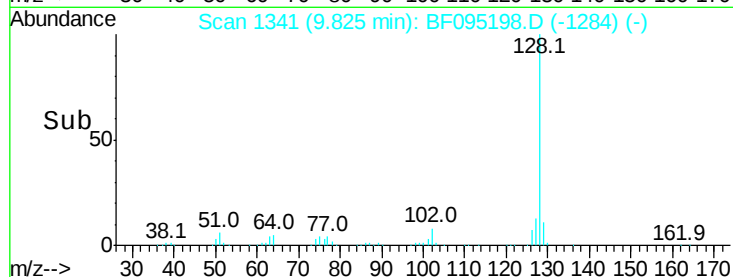
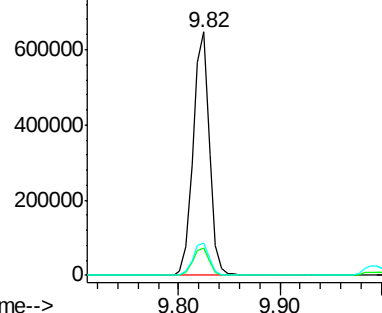
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.49 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.02 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

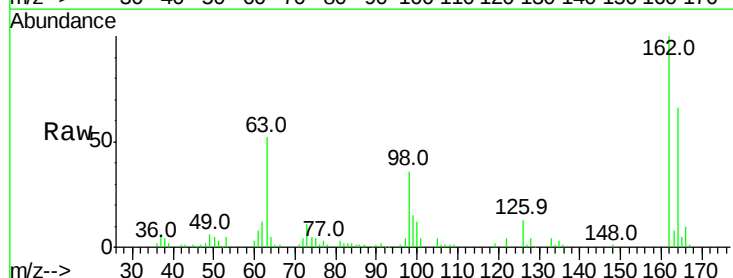
Tgt Ion:122 Resp: 11800

Ion Ratio Lower Upper

122 100

105 106.4 103.3 143.3

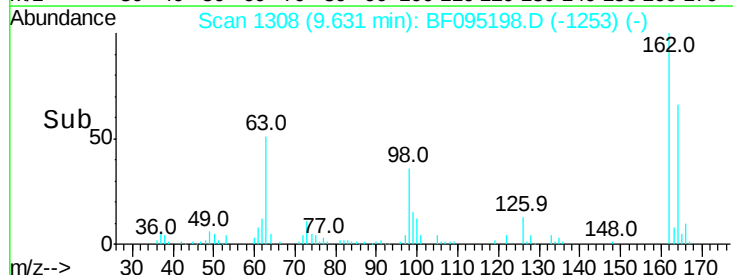
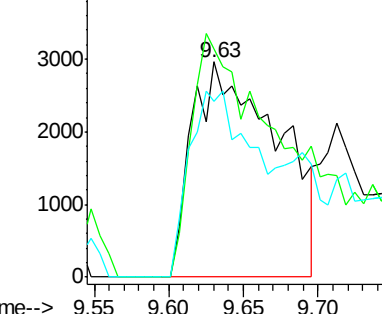
77 81.5 73.7 113.7

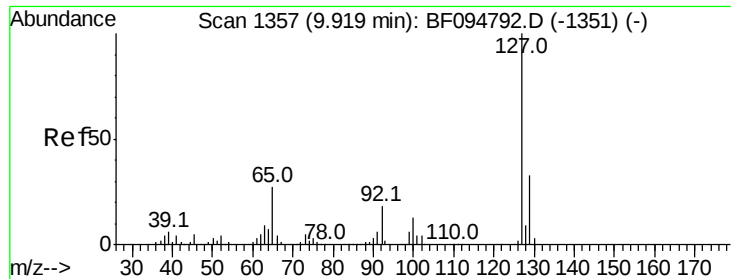


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

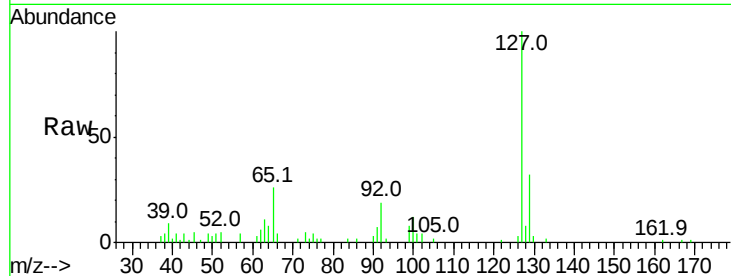




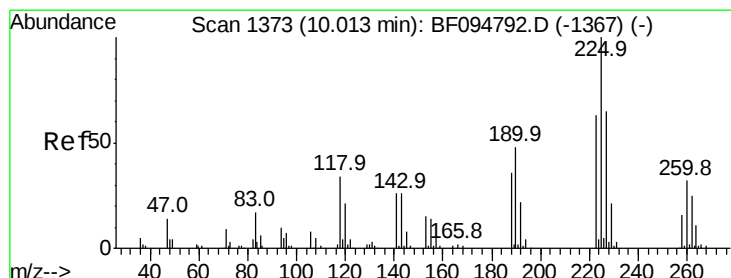
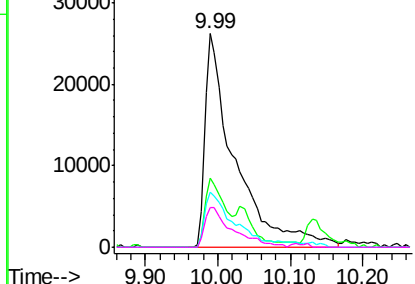
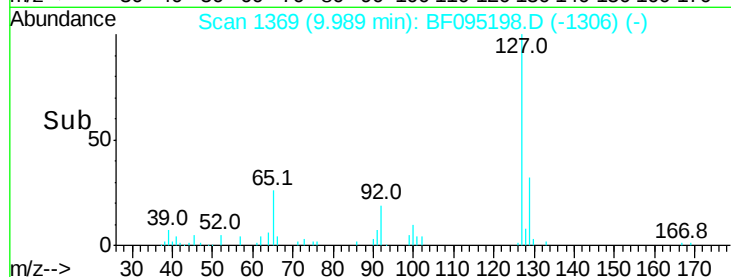
#33
 4-Chloroaniline
 Concen: 12.27 ng
 RT: 9.99 min Scan# 1369
 Delta R.T. 0.07 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	74747
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	26.0	27.8	41.8#
92	18.6	16.8	25.2

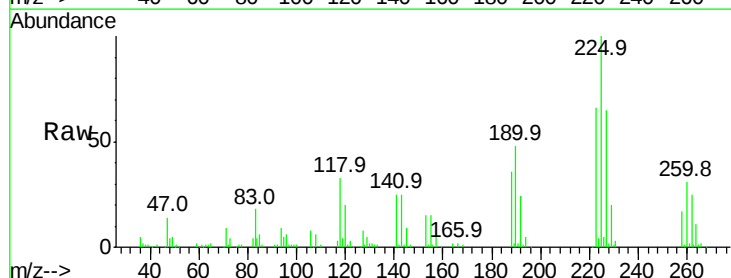


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

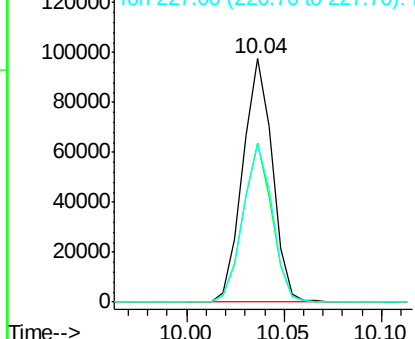
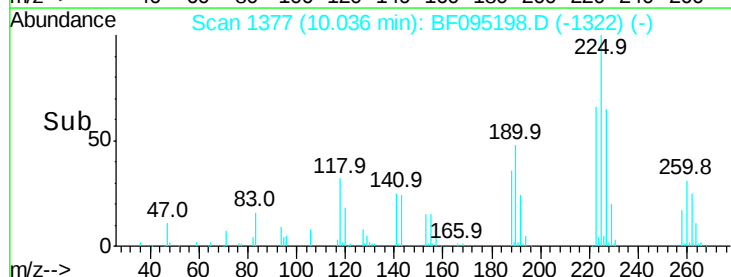


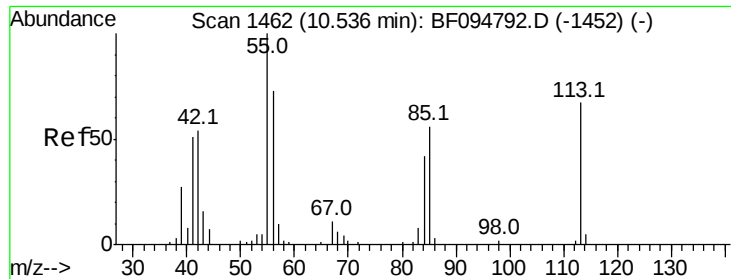
#34
 Hexachlorobutadiene
 Concen: 40.73 ng
 RT: 10.04 min Scan# 1377
 Delta R.T. 0.02 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:	225	Resp:	102539
Ion	Ratio	Lower	Upper
225	100		
223	65.5	48.8	73.2
227	65.1	51.1	76.7



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: 22.93 ng

RT: 10.59 min Scan# 1471

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

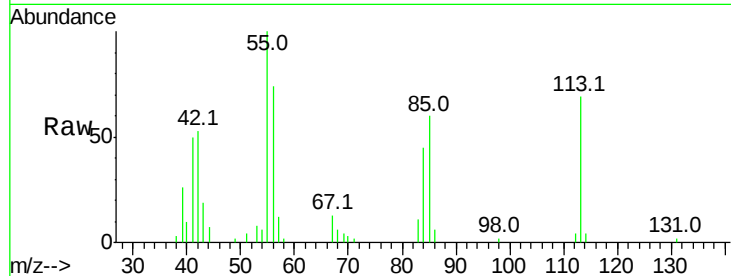
Tot Ion:113 Resp: 30668

Ion Ratio Lower Upper

113 100

55 145.1 150.2 190.2#

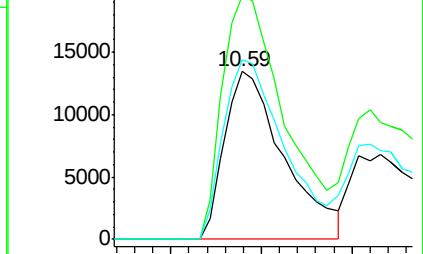
56 107.4 107.8 147.8#



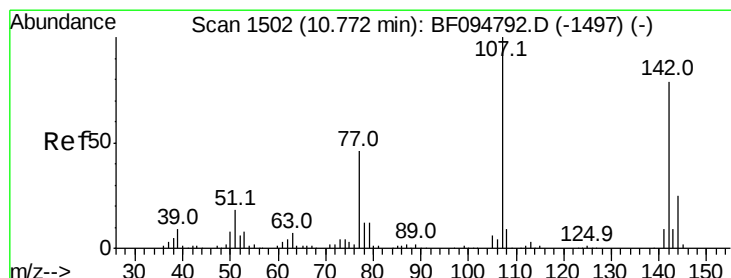
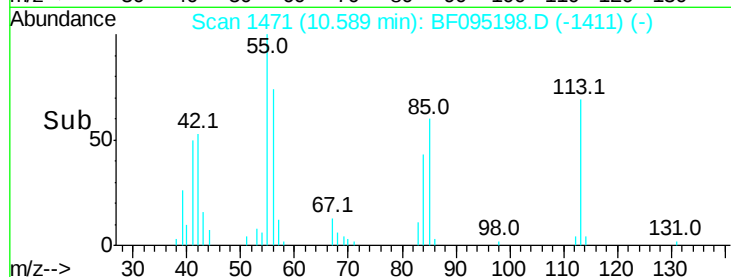
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 49.84 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

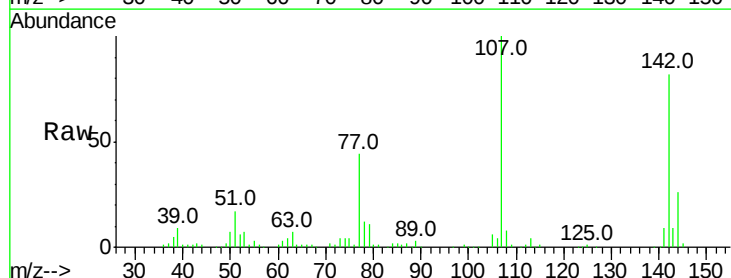
Tgt Ion:107 Resp: 237316

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

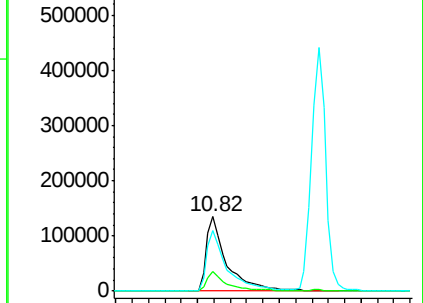
142 81.8 73.4 110.0



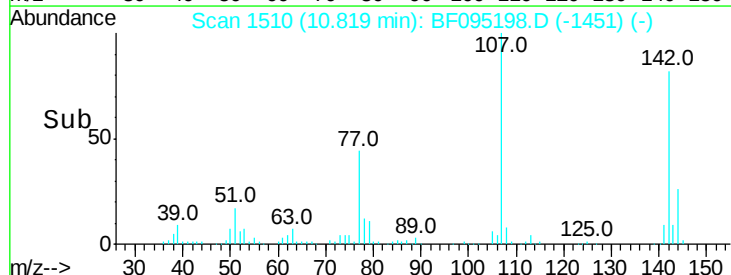
Abundance Ion 107.00 (106.70 to 107.70): E

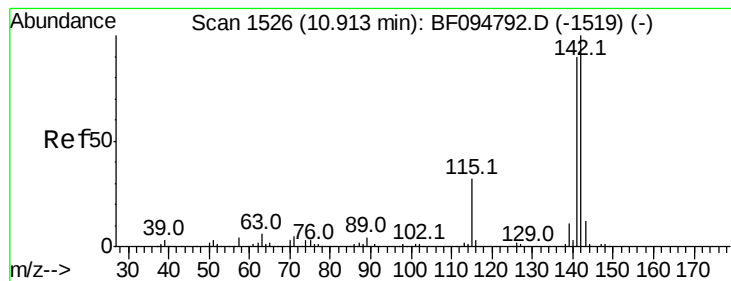
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 49.07 ng

RT: 10.95 min Scan# 1532

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampled :

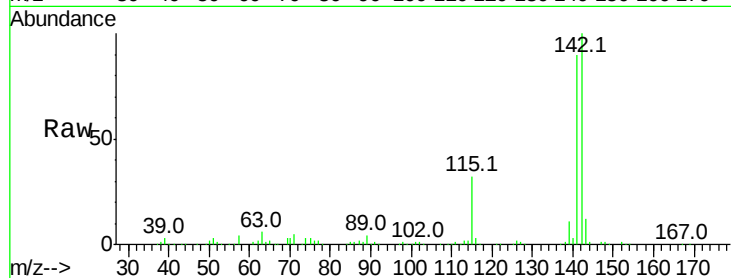
Tot Ion:142 Resp: 526409

Ion Ratio Lower Upper

142 100

141 89.5 71.3 106.9

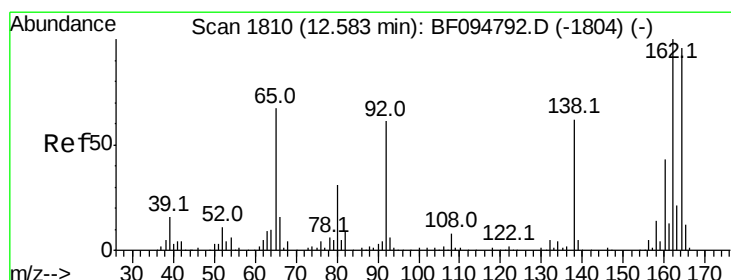
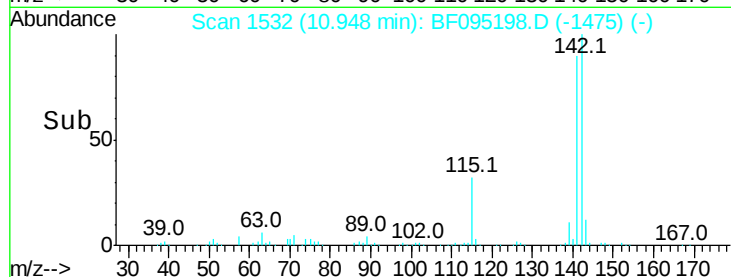
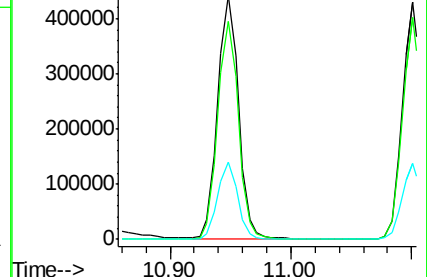
115 31.9 27.1 40.7



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: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

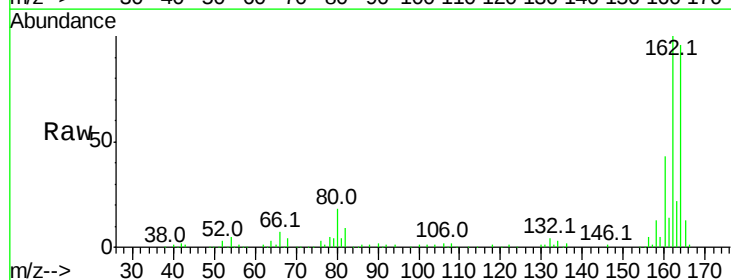
Tgt Ion:164 Resp: 162267

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

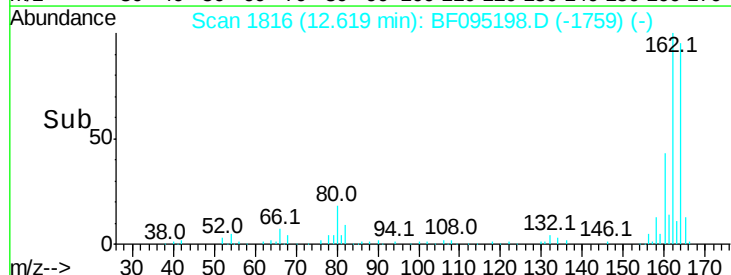
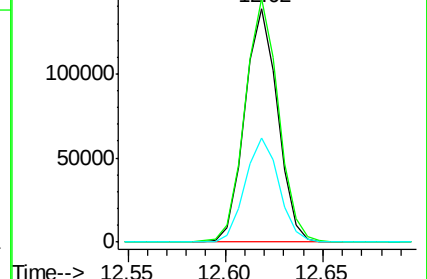
160 44.7 36.2 54.2



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: 40.24 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 200821

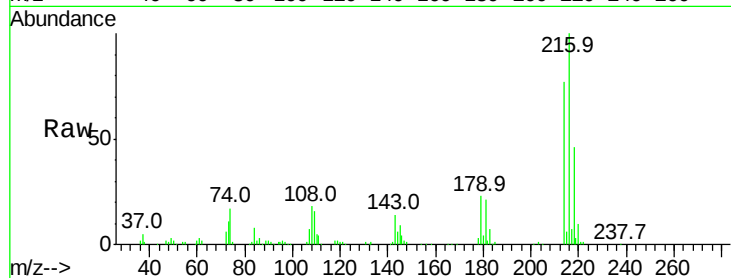
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 22.4 17.9 26.9

108 19.5 16.5 24.7

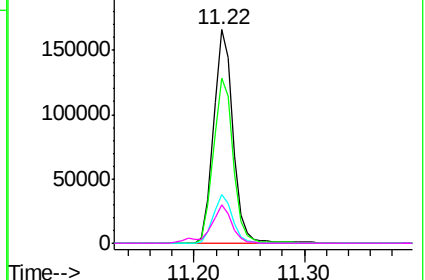
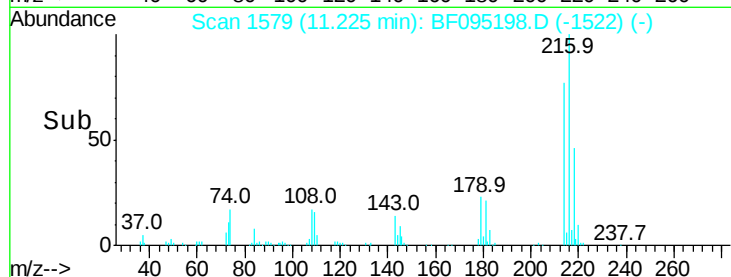


Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.92 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.03 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

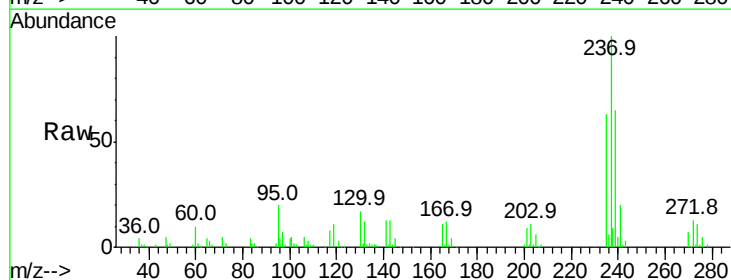
Tgt Ion:237 Resp: 113180

Ion Ratio Lower Upper

237 100

235 63.4 42.6 82.6

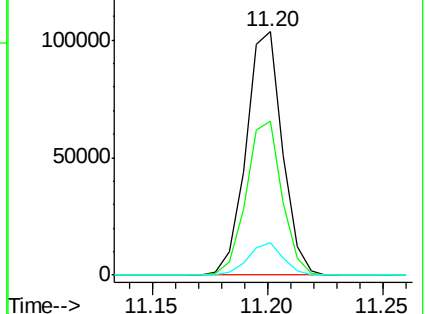
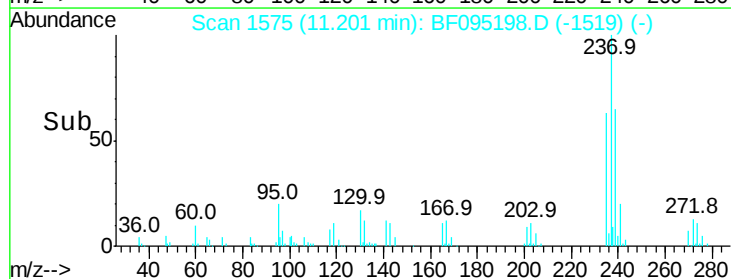
272 13.1 0.0 31.9



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

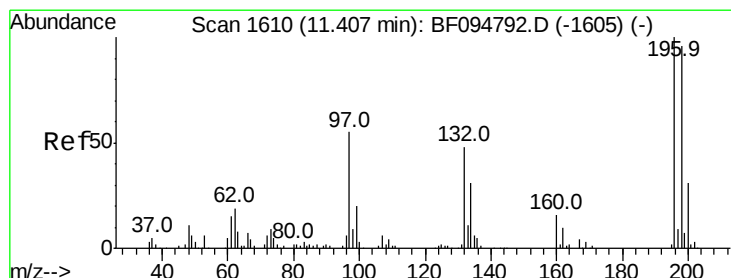
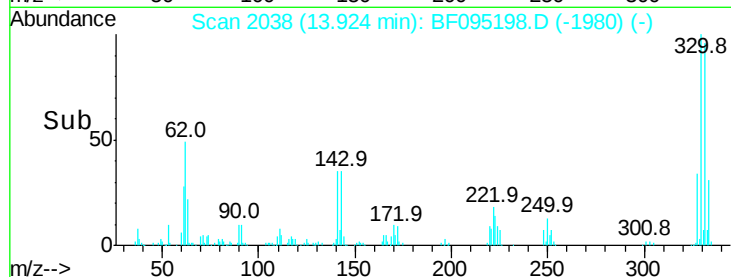
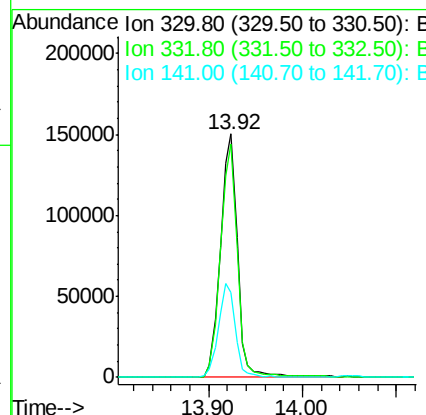
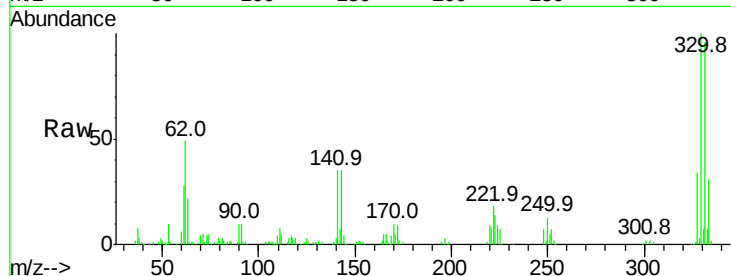




#41
 2,4,6-Tribromophenol
 Concen: 144.67 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

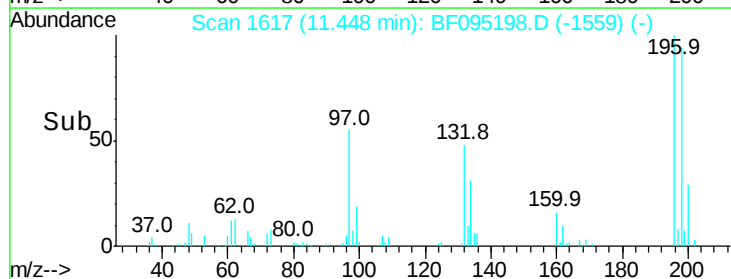
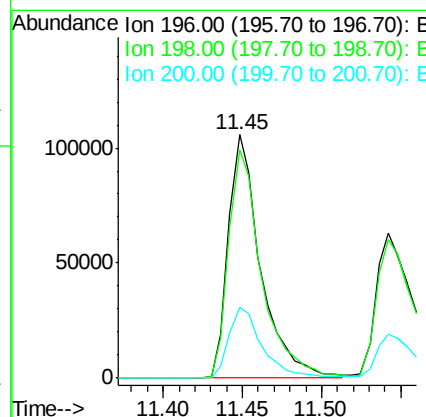
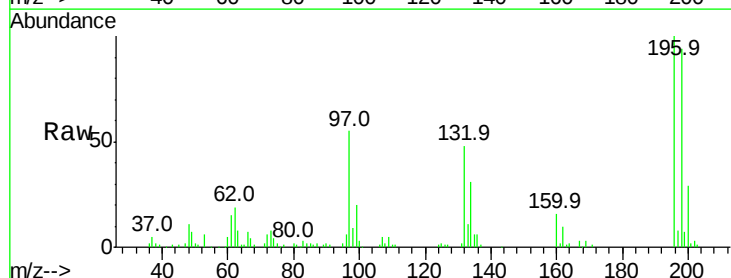
Instrument :
 BNA_F
 ClientSampleId :

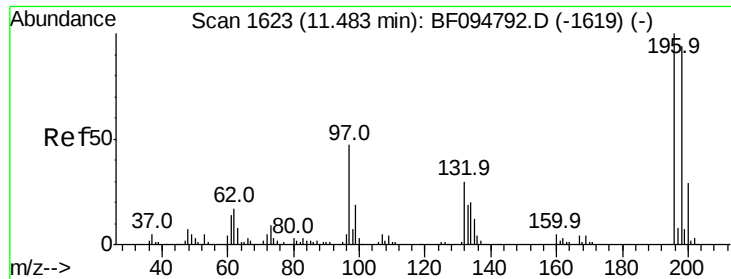
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	39.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.94 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.2	111.4
200	29.3	24.0	36.0

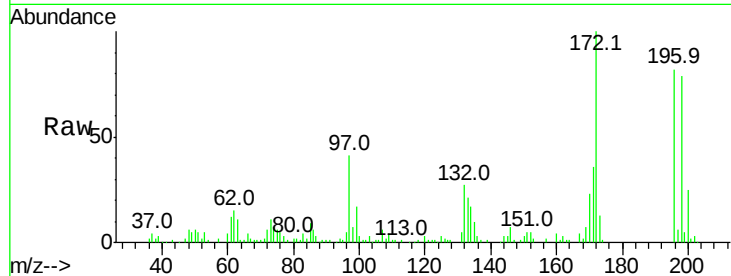




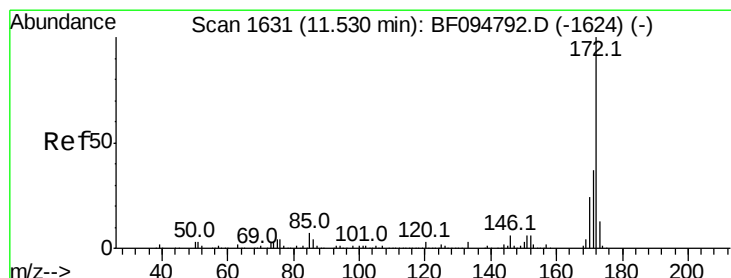
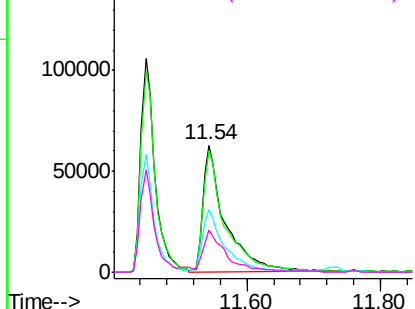
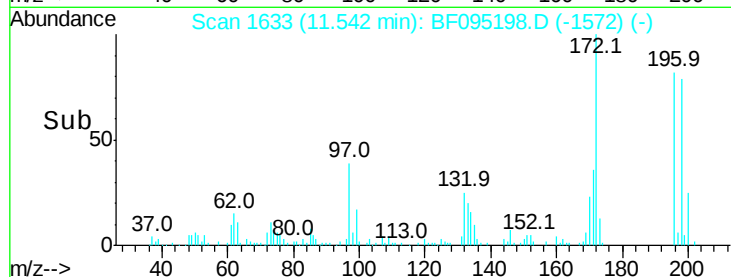
#43
 2,4,5-Trichlorophenol
 Concen: 40.30 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.06 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 144331
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 97 49.8 47.7 71.5
 132 33.0 28.0 42.0

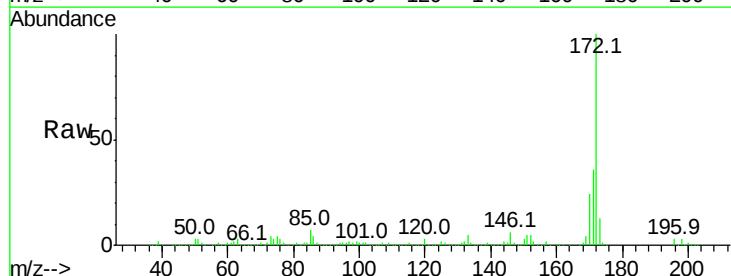


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

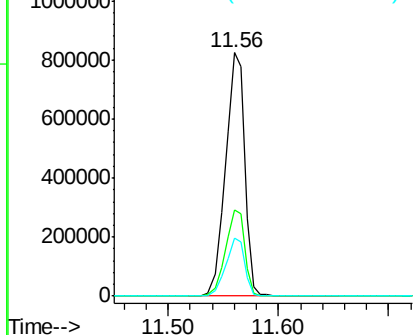
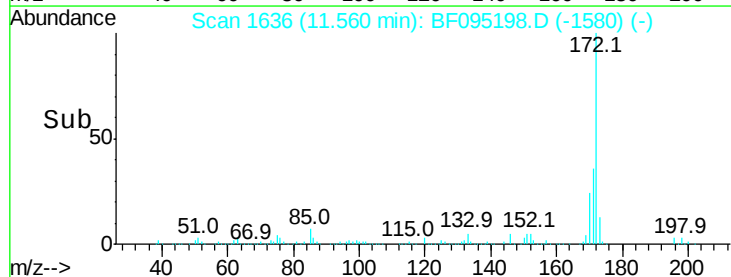


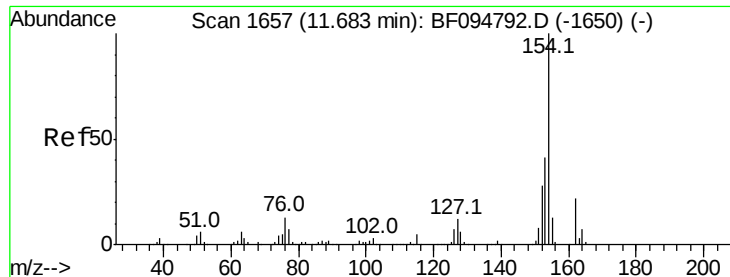
#44
 2-Fluorobiphenyl
 Concen: 89.17 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:172 Resp: 1005313
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.6 19.8 29.8



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

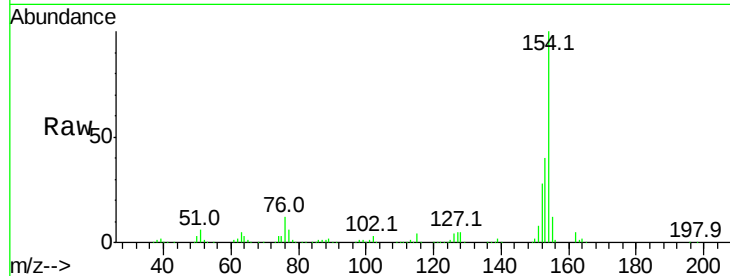




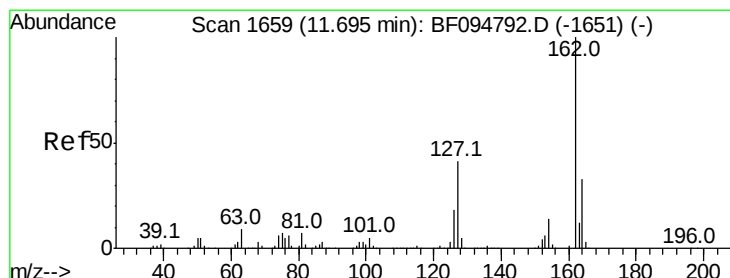
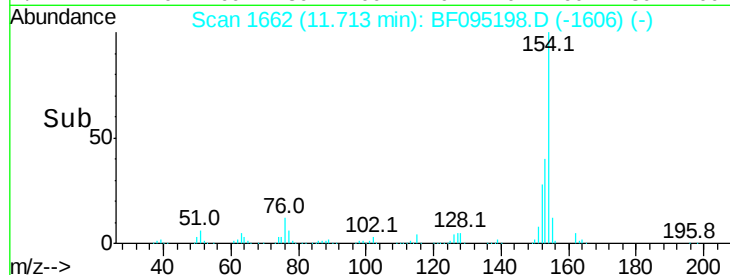
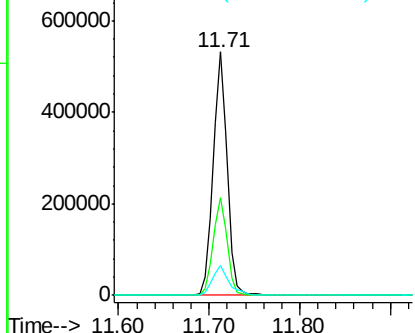
#45
 1,1'-Biphenyl
 Concen: 42.01 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.03 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	12.2	0.0	29.9

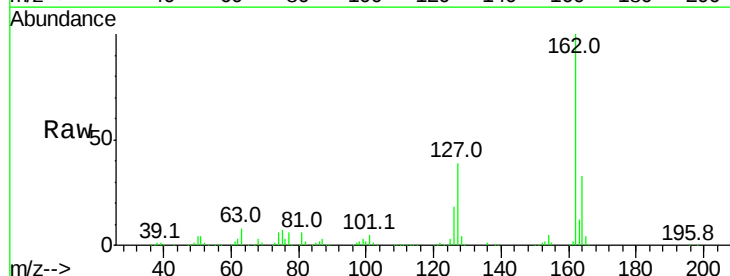


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

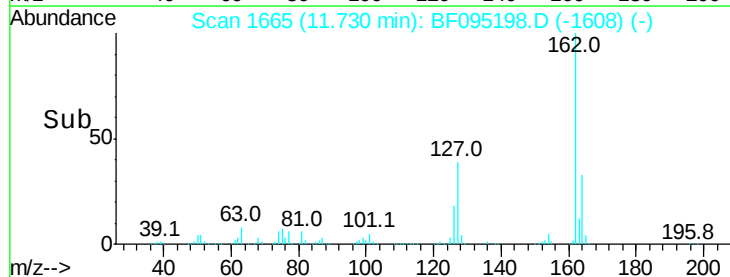
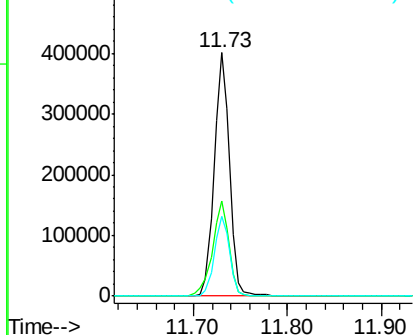


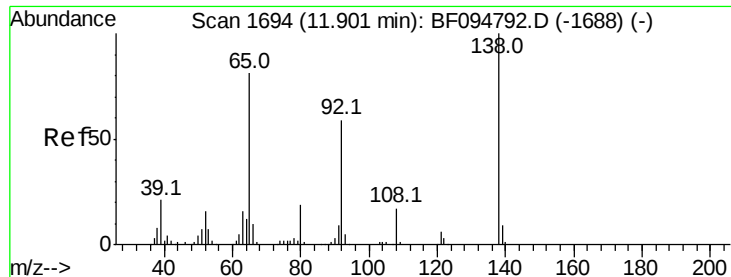
#46
 2-Chloronaphthalene
 Concen: 41.94 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	28.3	42.5
164	33.0	27.0	40.4



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

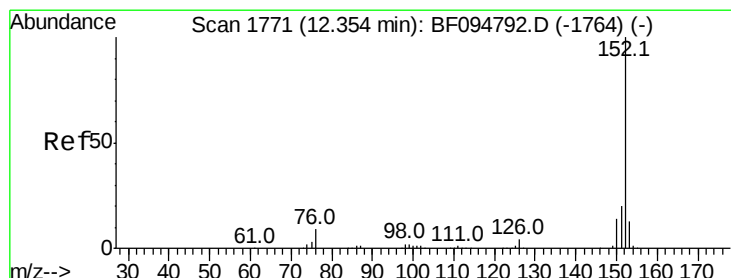
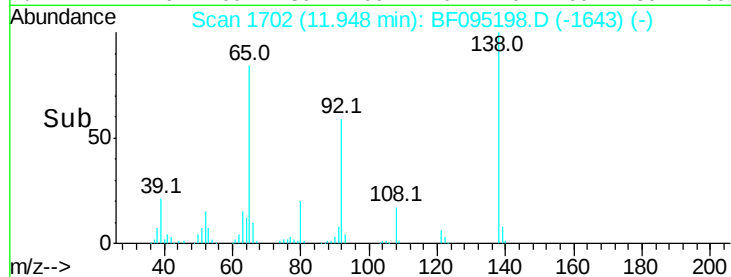
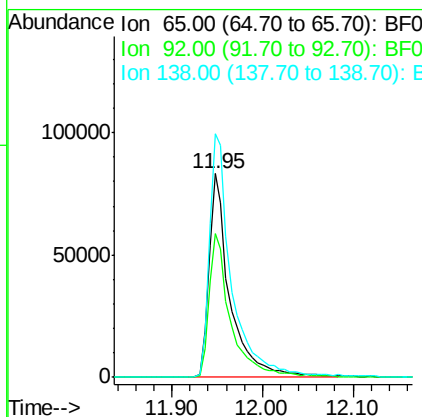
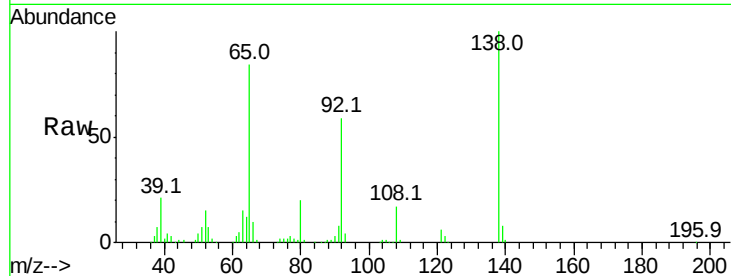




#47
2-Nitroaniline
Concen: 44.72 ng
RT: 11.95 min Scan# 1702
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

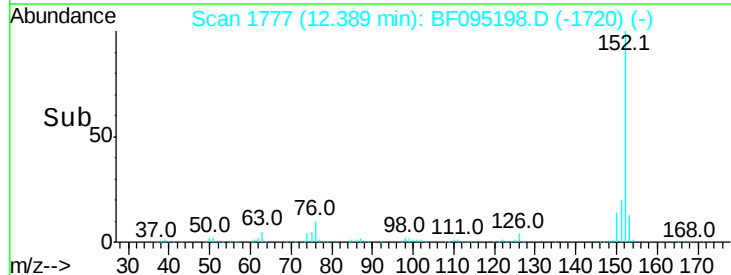
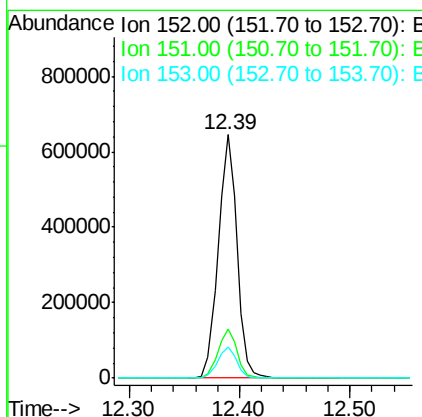
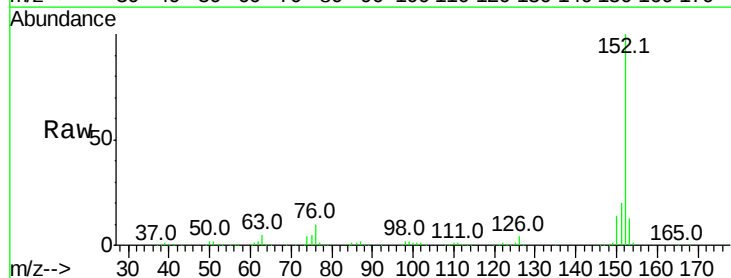
Instrument :
BNA_F
ClientSampled :

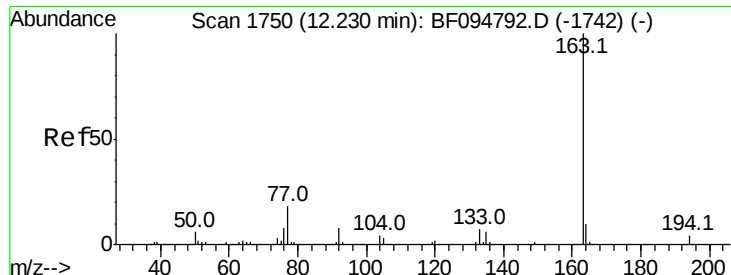
Tot Ion: 65 Resp: 135016
Ion Ratio Lower Upper
65 100
92 70.5 53.9 80.9
138 119.7 78.8 118.2#



#48
Acenaphthylene
Concen: 44.15 ng
RT: 12.39 min Scan# 1777
Delta R.T. 0.04 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion: 152 Resp: 762922
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 52.06 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

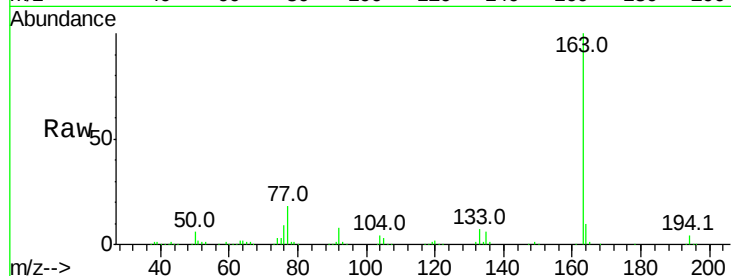
Tot Ion:163 Resp: 693555

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

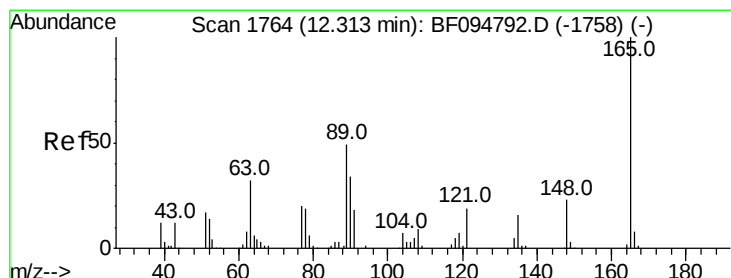
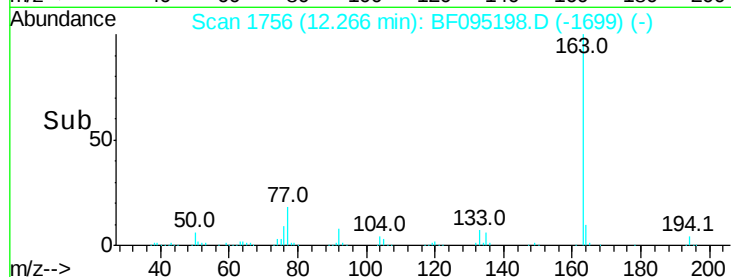
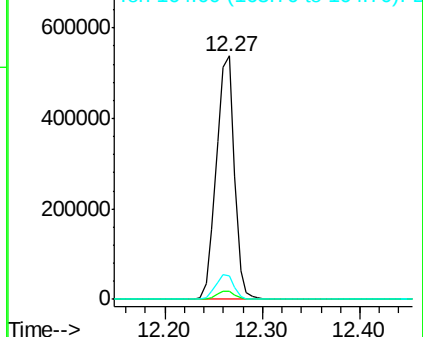
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.53 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

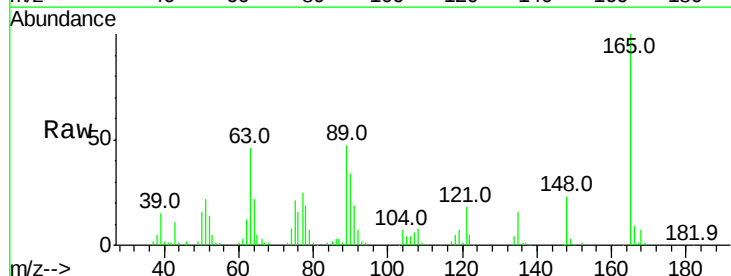
Tgt Ion:165 Resp: 126463

Ion Ratio Lower Upper

165 100

63 45.5 34.3 51.5

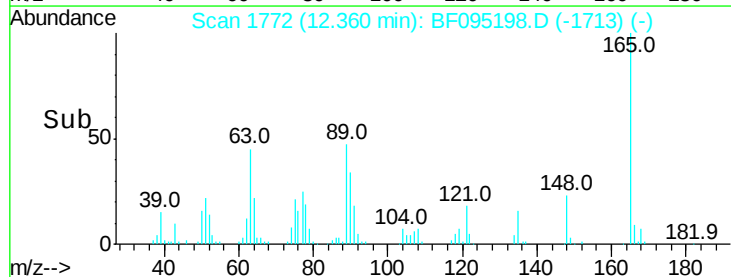
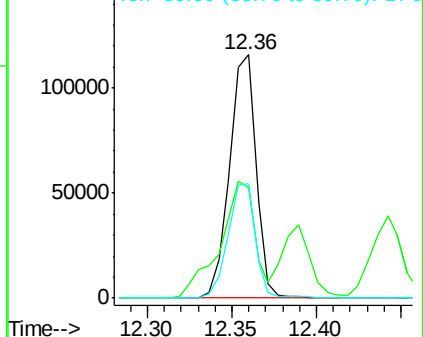
89 46.8 37.1 55.7

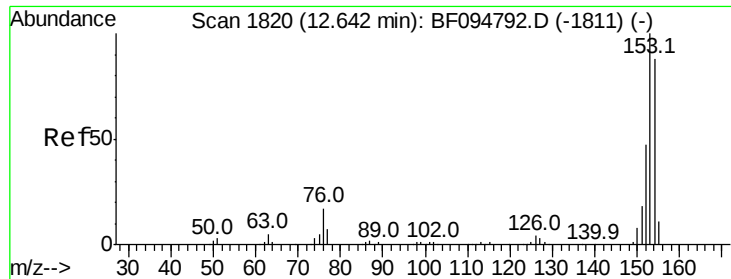


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.89 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.03 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

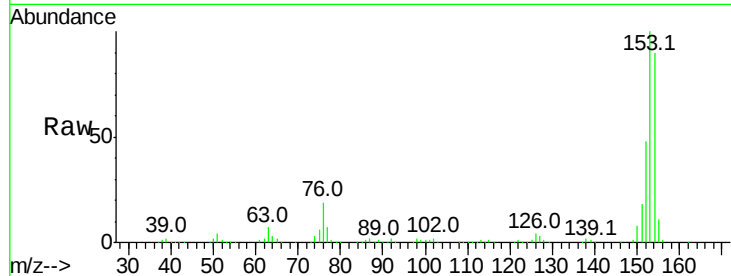
Tot Ion:154 Resp: 442619

Ion Ratio Lower Upper

154 100

153 111.4 90.5 135.7

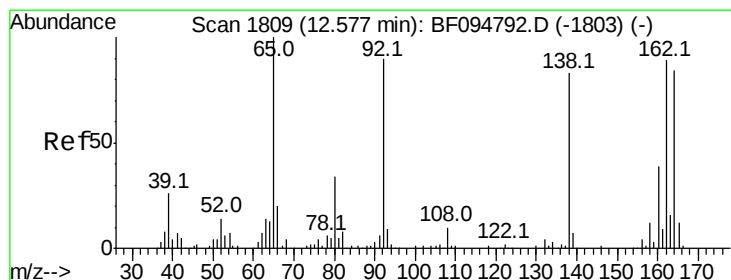
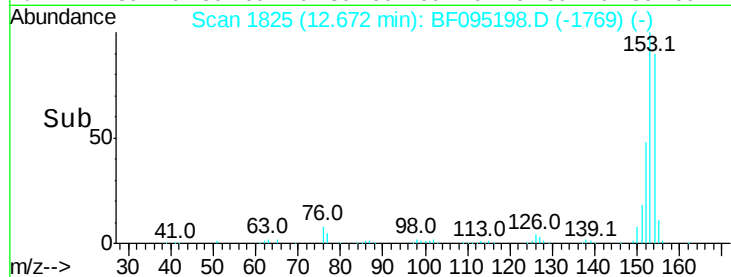
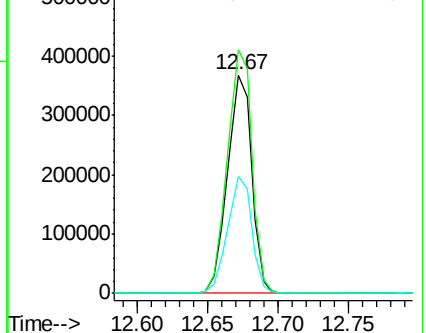
152 53.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.18 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

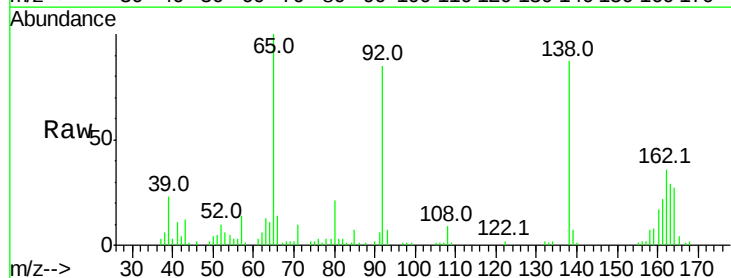
Tgt Ion:138 Resp: 67605

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

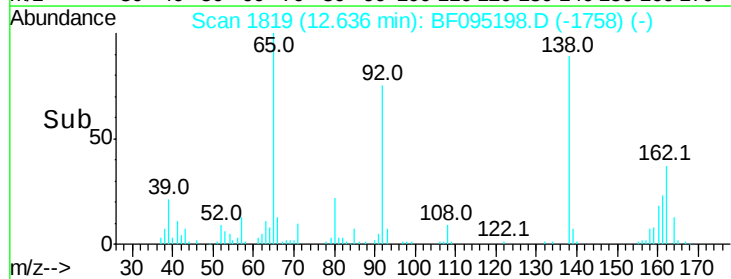
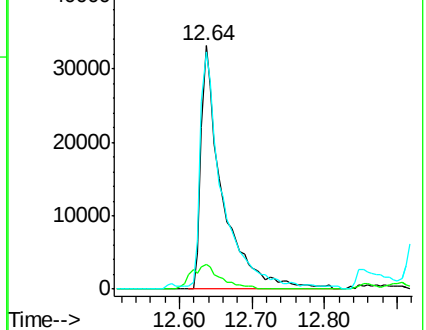
92 97.7 93.8 140.6

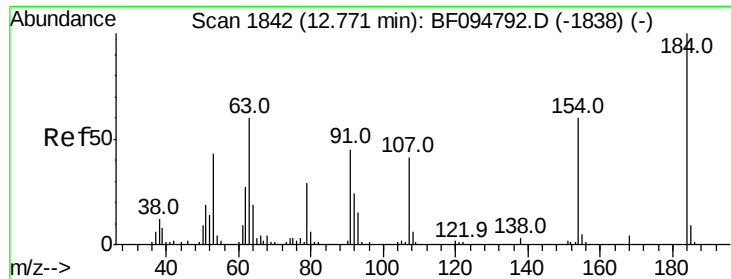


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 28.37 ng

RT: 12.85 min Scan# 1856

Delta R.T. 0.08 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

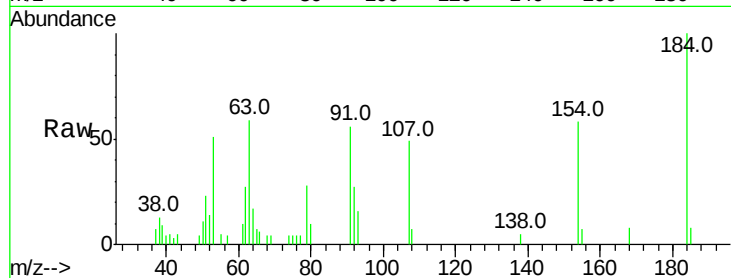
Tot Ion:184 Resp: 35917

Ion Ratio Lower Upper

184 100

63 58.7 62.7 94.1#

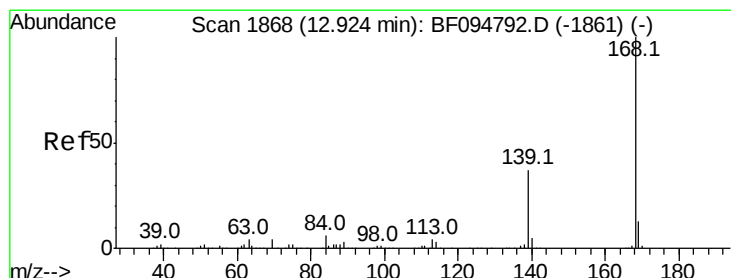
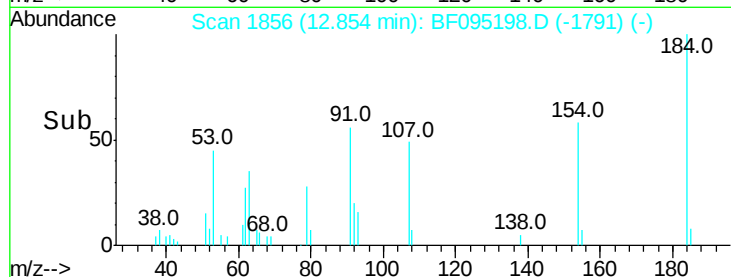
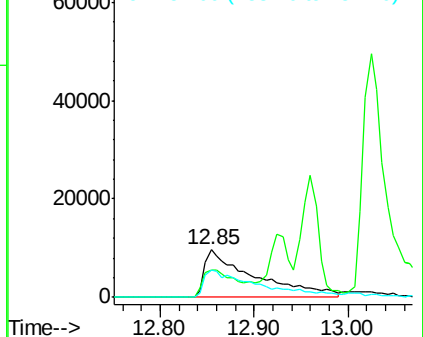
154 58.3 81.1 121.7#



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: 47.54 ng

RT: 12.96 min Scan# 1874

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

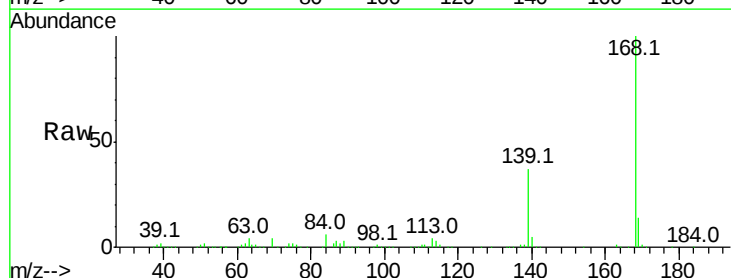
Tgt Ion:168 Resp: 678902

Ion Ratio Lower Upper

168 100

139 36.9 30.6 45.8

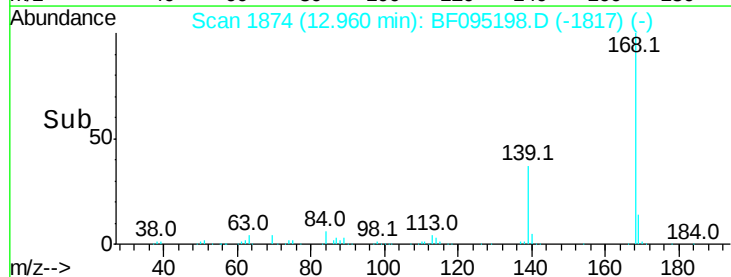
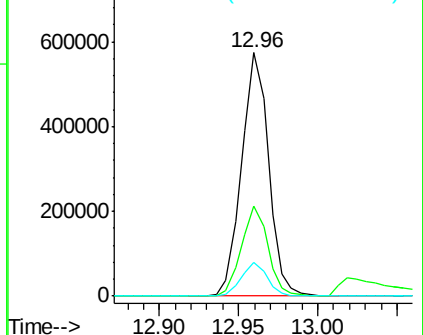
169 13.6 10.8 16.2

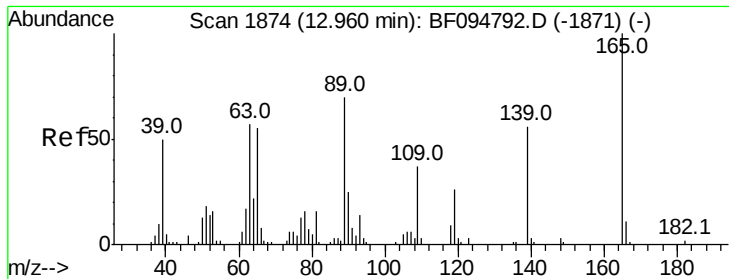


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

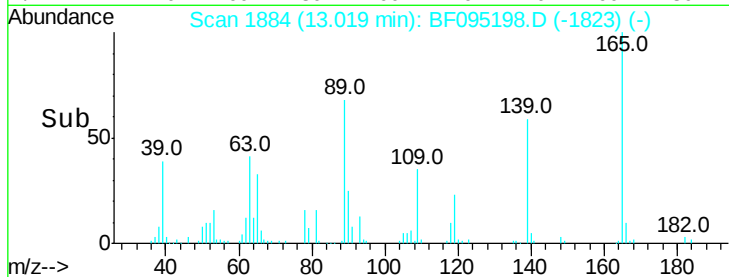
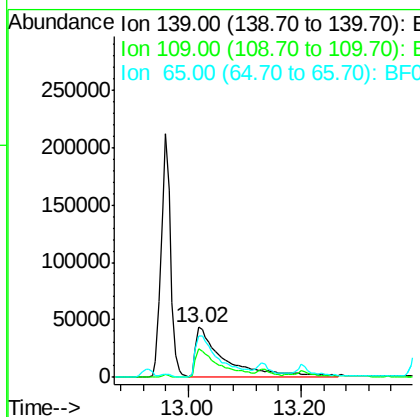
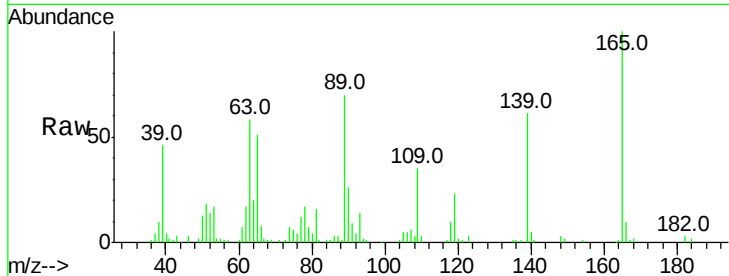




#55
4-Nitrophenol
Concen: 84.31 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.06 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

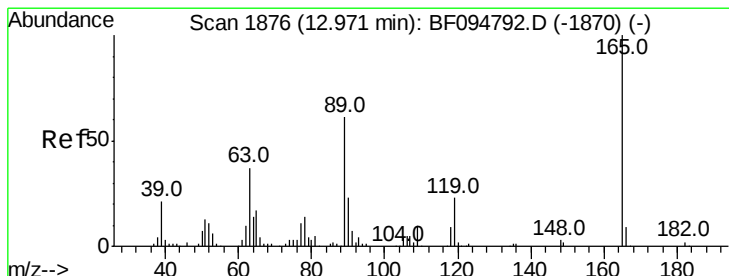
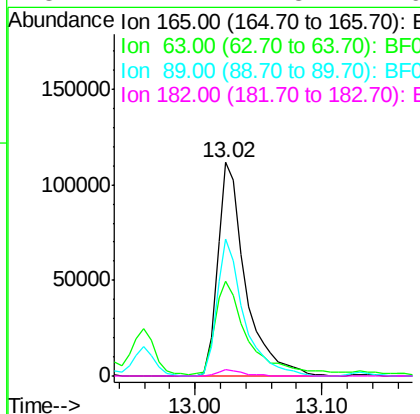
Instrument :
BNA_F
ClientSampleId :

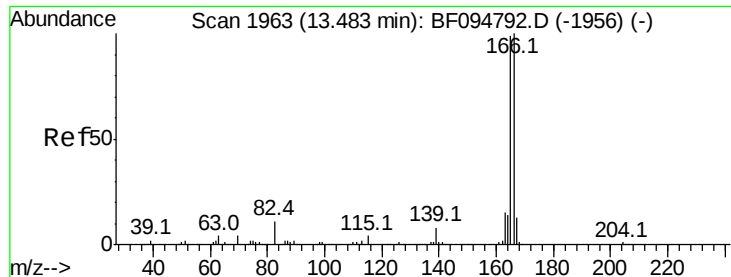
Tot Ion:139 Resp: 147711
Ion Ratio Lower Upper
139 100
109 57.6 34.1 74.1
65 83.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.85 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion:165 Resp: 170576
Ion Ratio Lower Upper
165 100
63 44.3 25.4 38.0#
89 64.0 46.4 69.6
182 2.7 1.8 2.6#

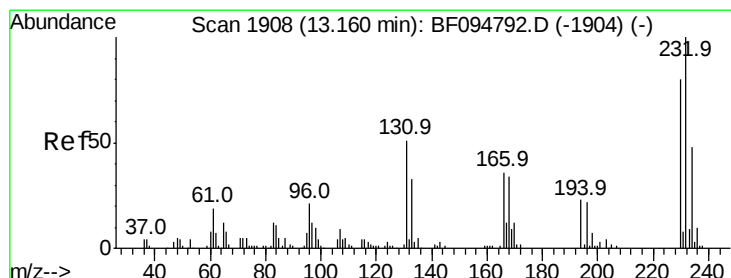
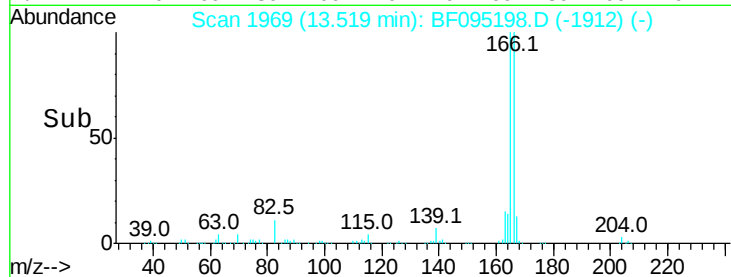
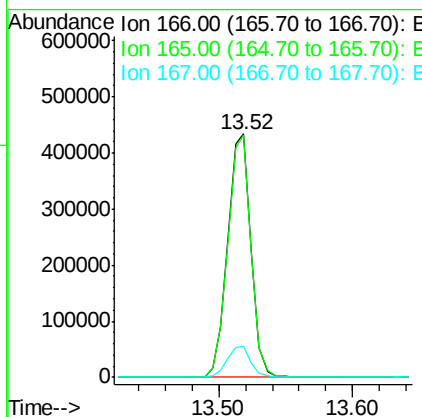
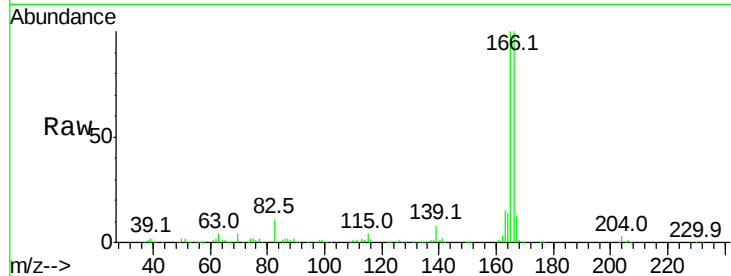




#57
 Fluorene
 Concen: 42.91 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

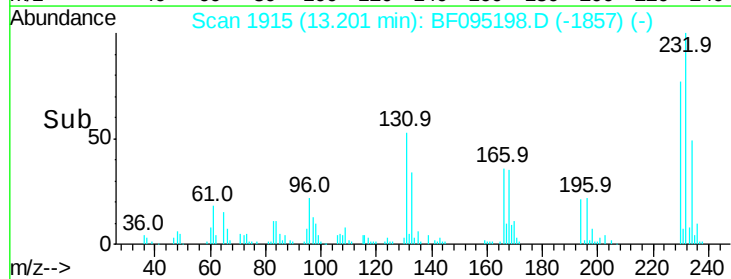
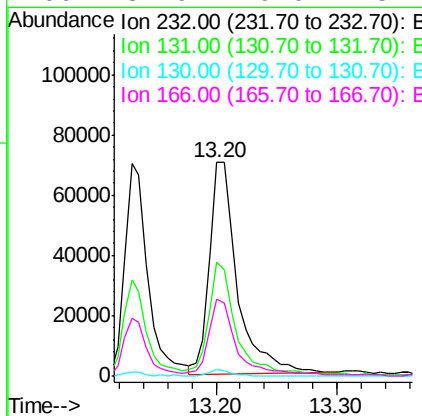
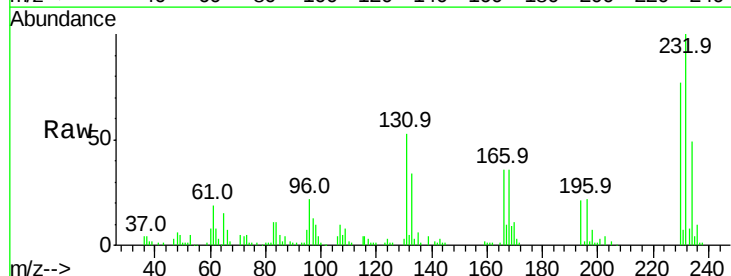
Instrument :
 BNA_F
 ClientSampled :

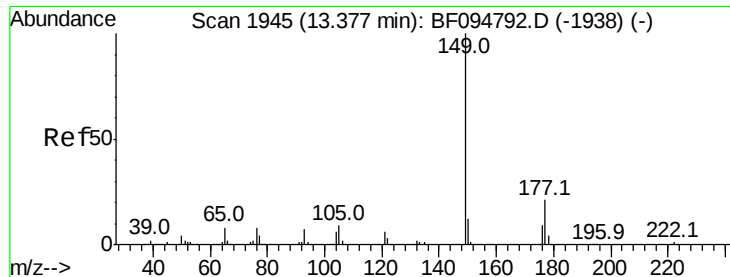
Tot Ion:166 Resp: 532816
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.63 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:232 Resp: 111841
 Ion Ratio Lower Upper
 232 100
 131 52.3 44.8 67.2
 130 2.3 2.3 3.5#
 166 37.9 29.0 43.4

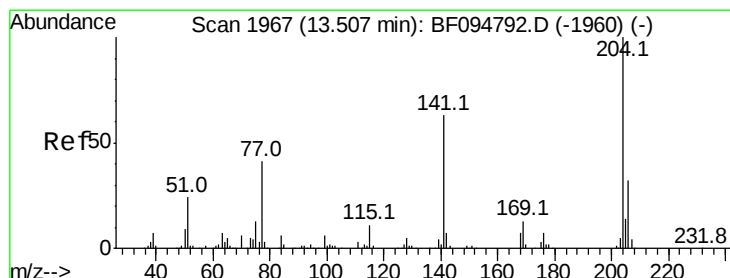
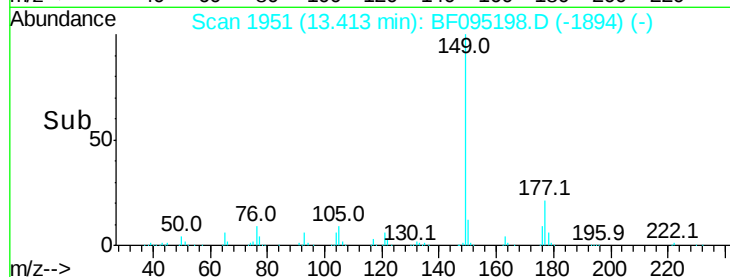
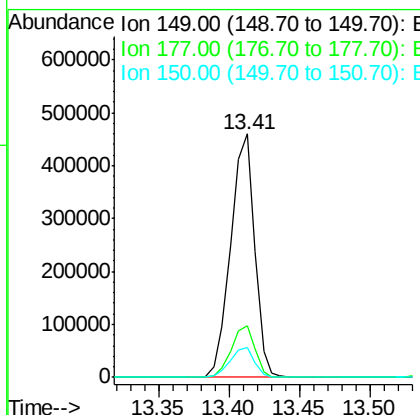
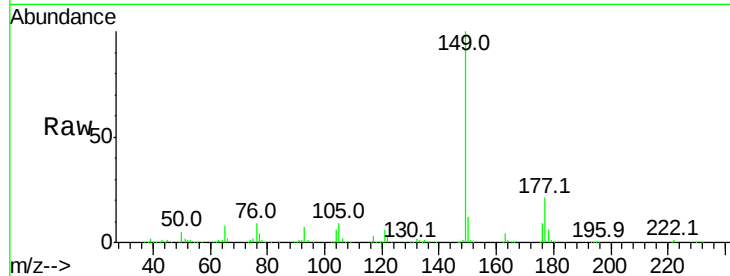




#59
Diethylphthalate
Concen: 42.55 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

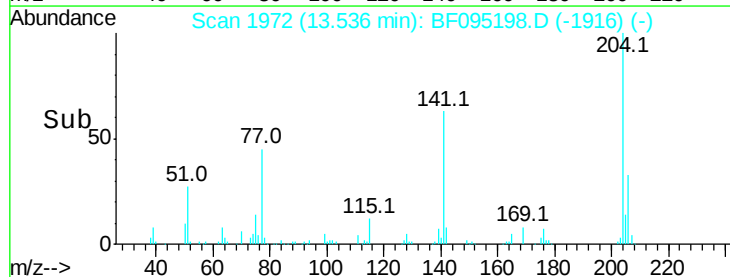
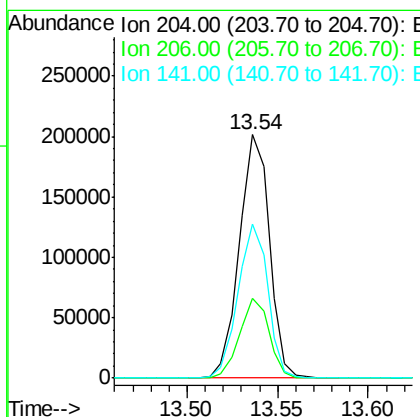
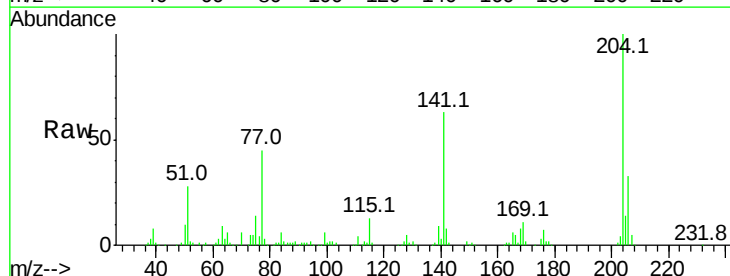
Instrument :
BNA_F
ClientSampleId :

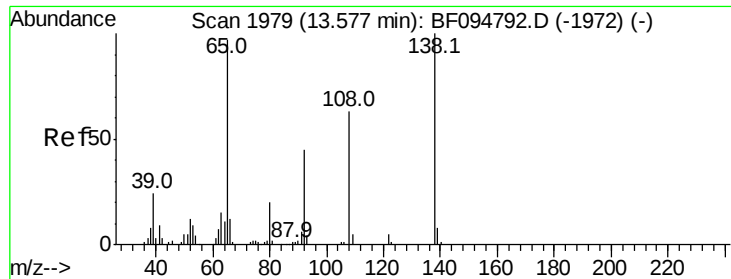
Tot Ion:149 Resp: 543329
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.59 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion:204 Resp: 232464
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 63.4 60.8 91.2

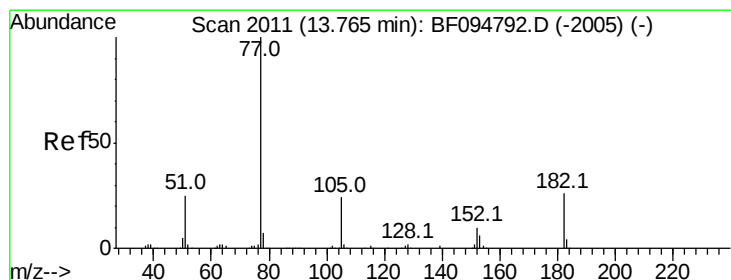
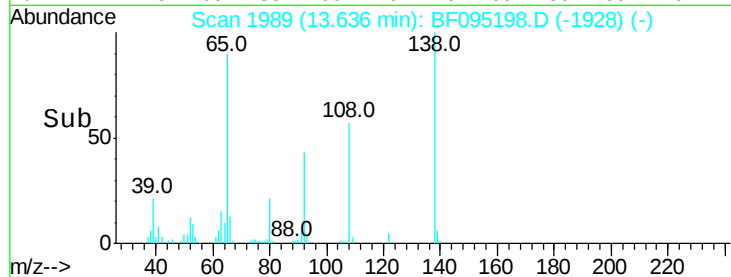
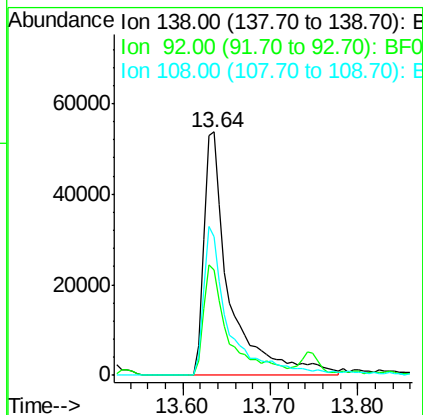
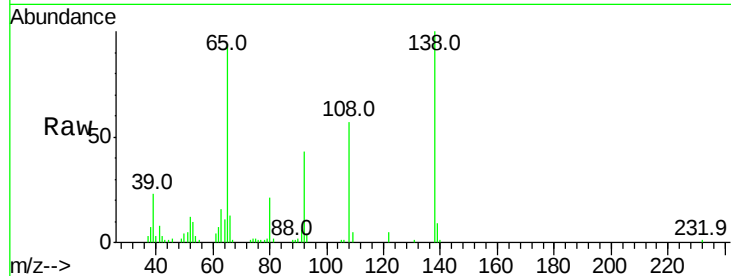




#61
4-Nitroaniline
Concen: 40.81 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

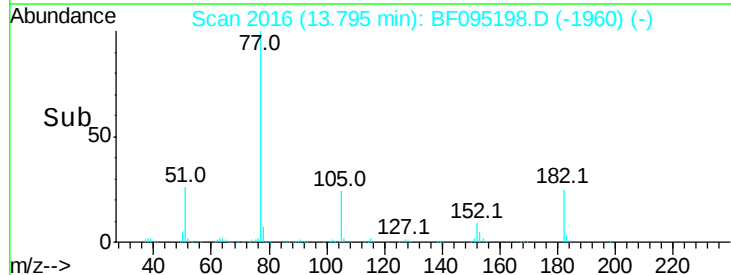
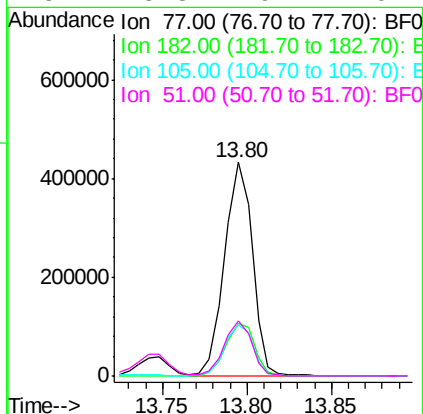
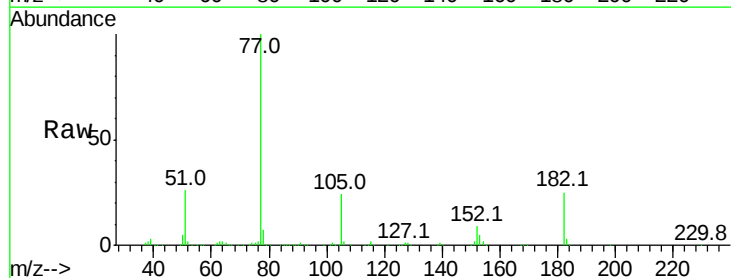
Instrument :
BNA_F
ClientSampleId :

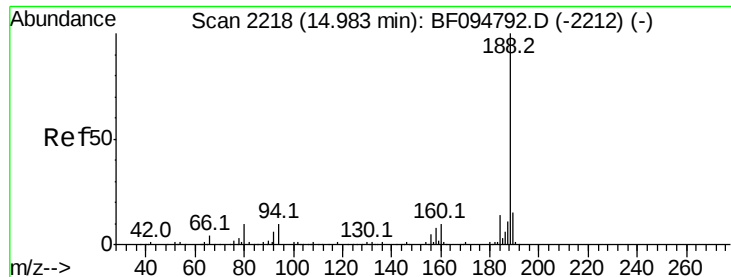
Tot Ion:138 Resp: 109287
Ion Ratio Lower Upper
138 100
92 43.3 21.8 61.8
108 57.0 42.3 82.3



#62
Azobenzene
Concen: 48.27 ng
RT: 13.80 min Scan# 2016
Delta R.T. 0.03 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion: 77 Resp: 495291
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 24.3 3.6 43.6
51 25.8 9.4 49.4

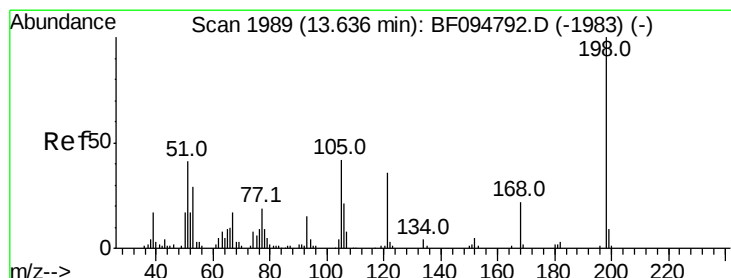
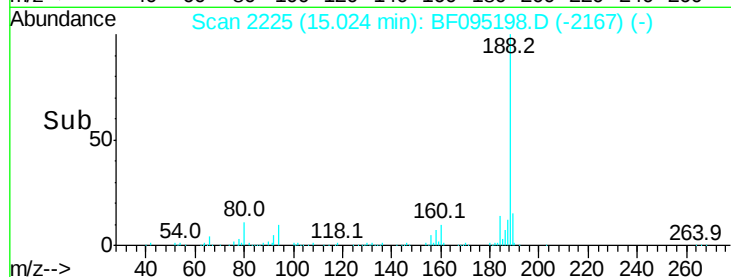
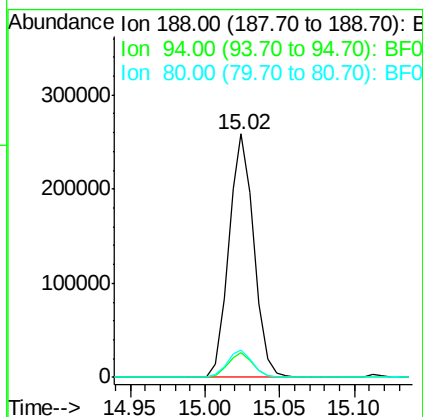
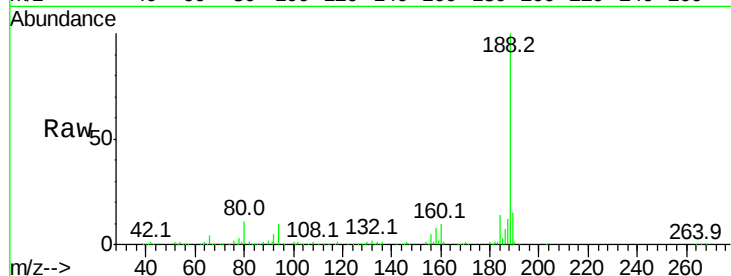




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

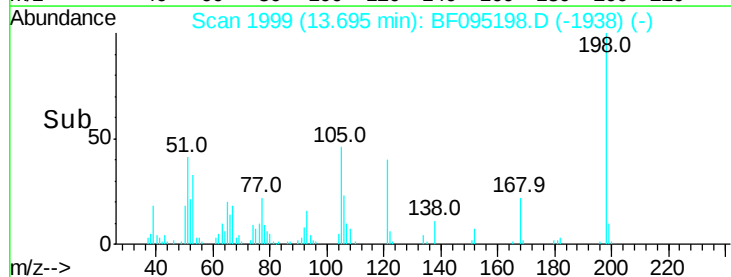
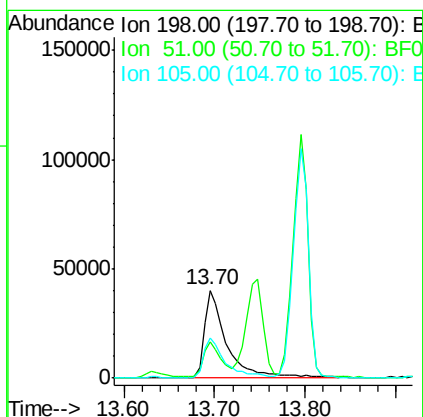
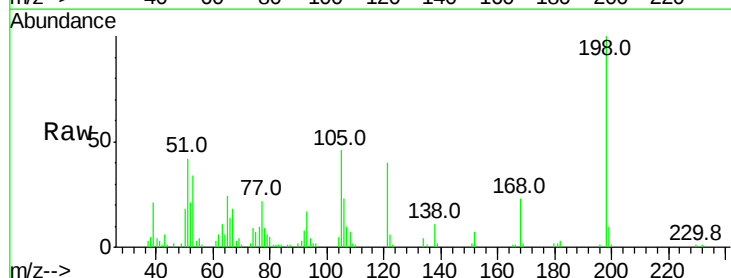
Instrument :
BNA_F
ClientSampleId :

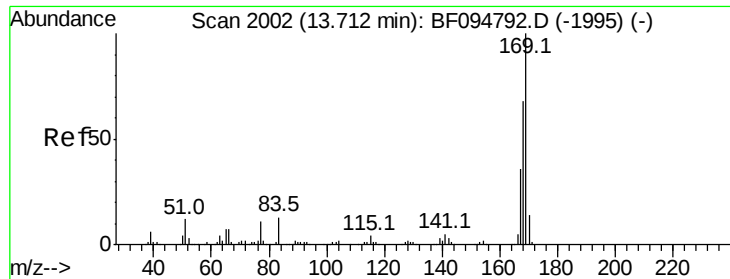
Tot Ion:188 Resp: 303812
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 34.16 ng
RT: 13.70 min Scan# 1999
Delta R.T. 0.06 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion:198 Resp: 69568
Ion Ratio Lower Upper
198 100
51 41.8 53.2 93.2#
105 46.0 45.8 85.8

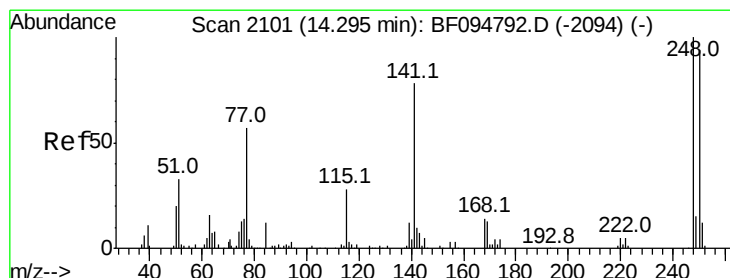
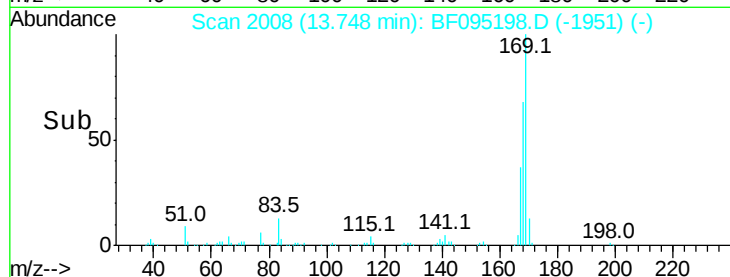
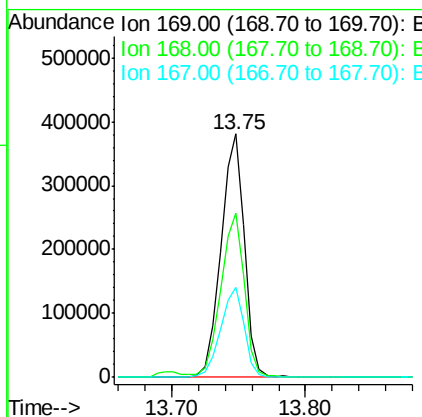
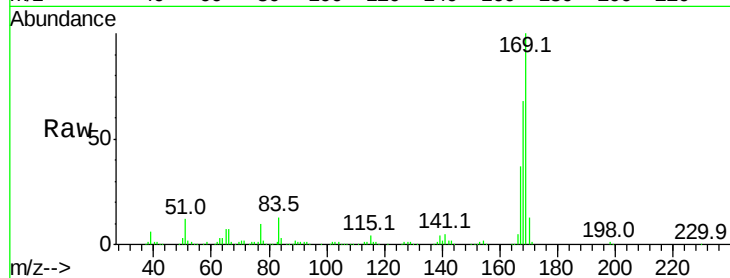




#65
 n-Nitrosodiphenylamine
 Concen: 42.43 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

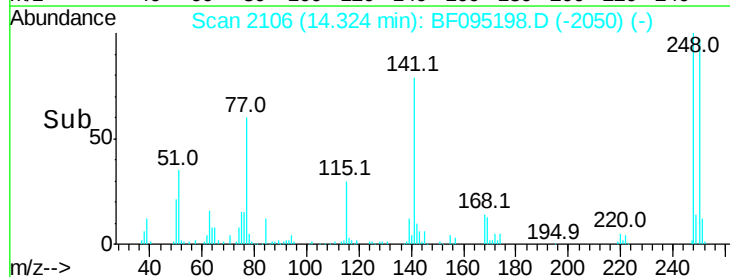
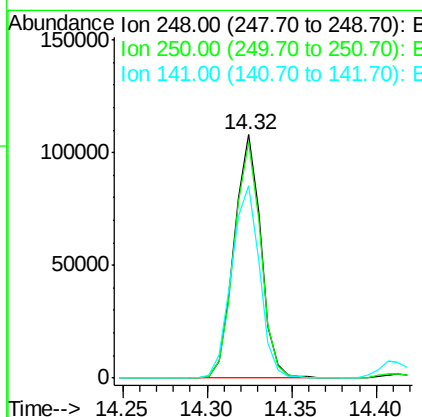
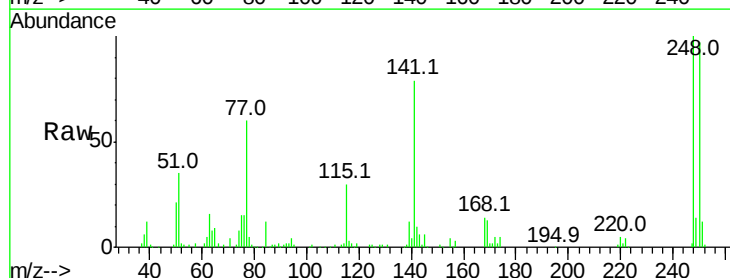
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 467909
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 36.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 36.82 ng
 RT: 14.32 min Scan# 2106
 Delta R.T. 0.03 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:248 Resp: 118186
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.8 115.2
 141 79.3 68.6 103.0

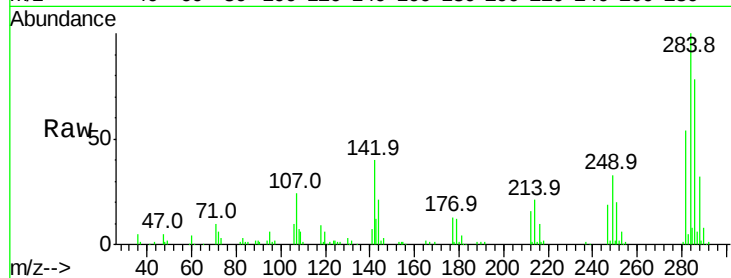




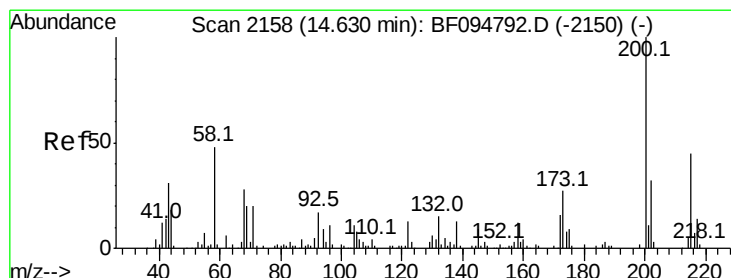
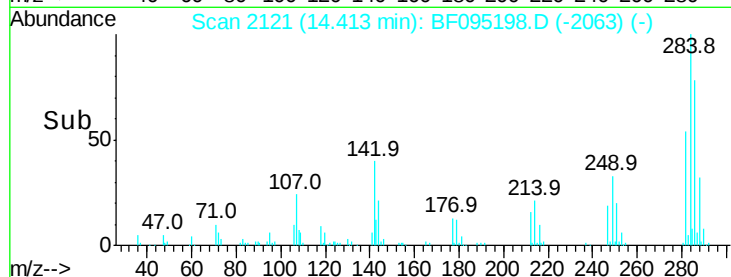
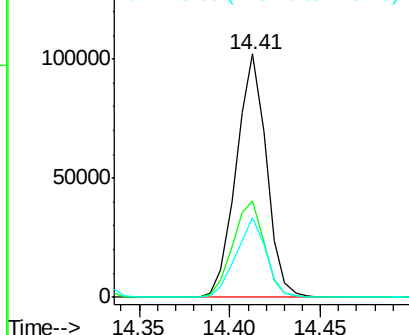
#67
Hexachlorobenzene
Concen: 35.94 ng
RT: 14.41 min Scan# 2121
Delta R.T. 0.04 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 118218
Ion Ratio Lower Upper
284 100
142 39.6 22.8 34.2#
249 32.5 24.0 36.0

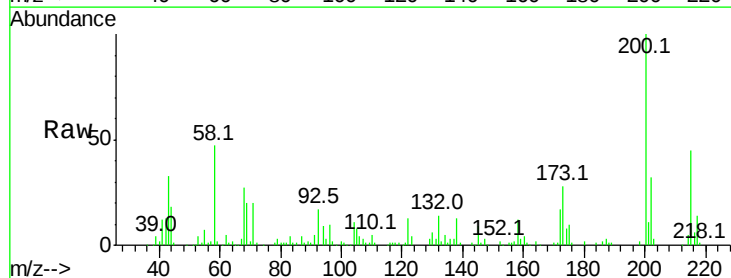


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

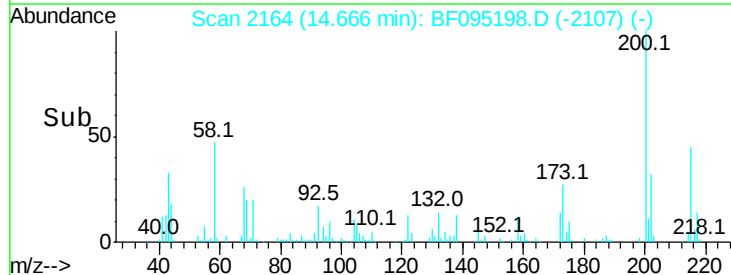
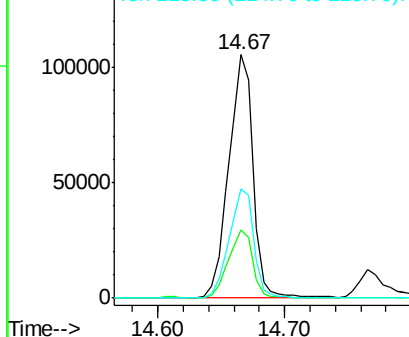


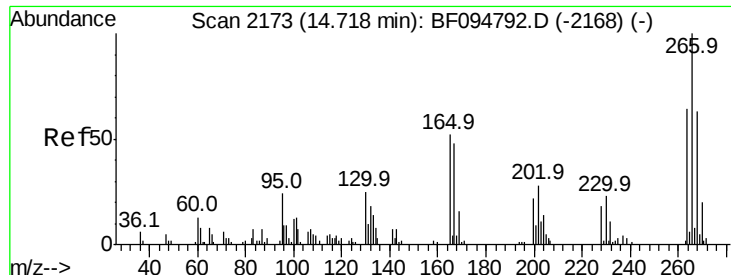
#68
Atrazine
Concen: 44.67 ng
RT: 14.67 min Scan# 2164
Delta R.T. 0.04 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion:200 Resp: 139076
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 44.8 27.2 67.2



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

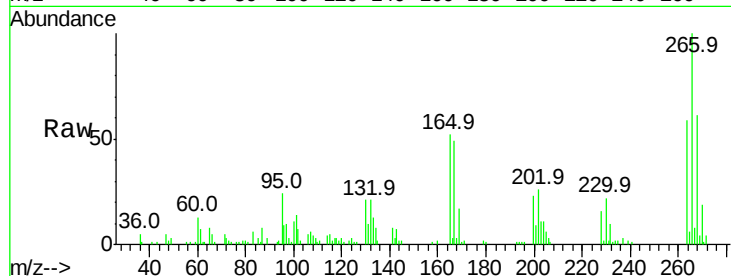




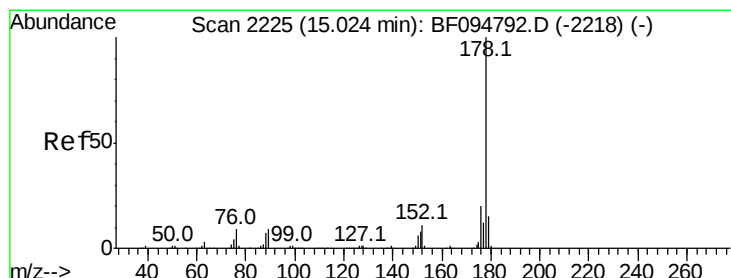
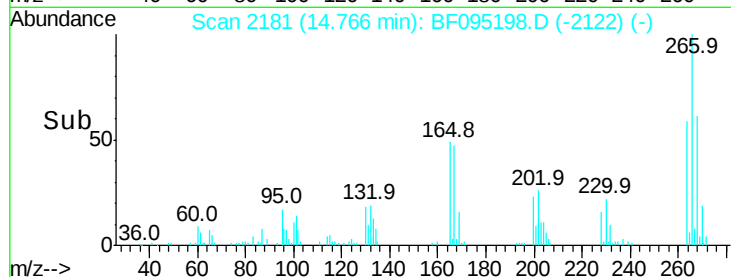
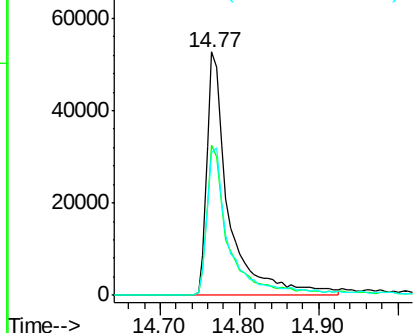
#69
 Pentachlorophenol
 Concen: 69.25 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. 0.05 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	58.6	51.7	77.5

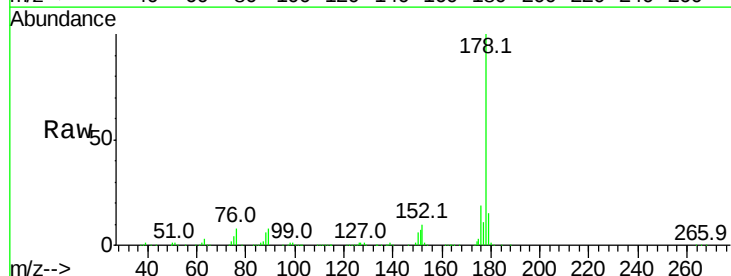


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

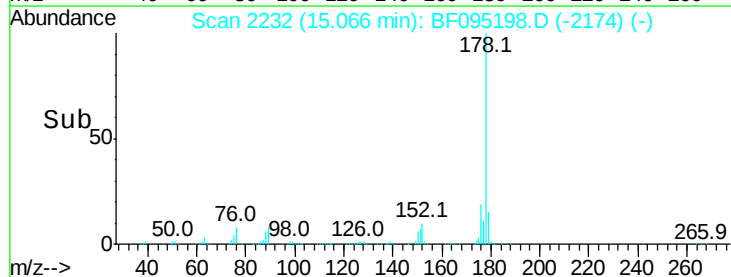
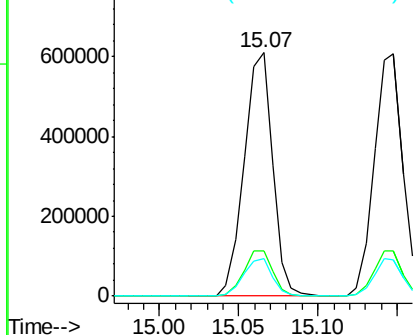


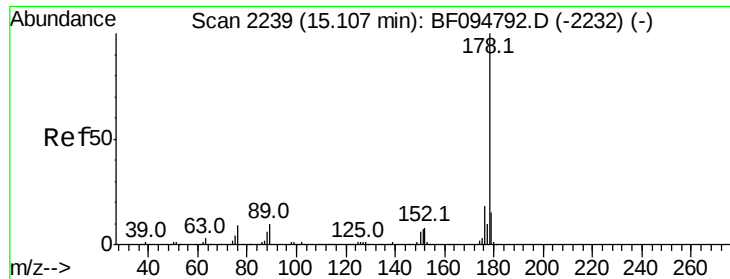
#70
 Phenanthrene
 Concen: 43.63 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.3	12.6	19.0



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

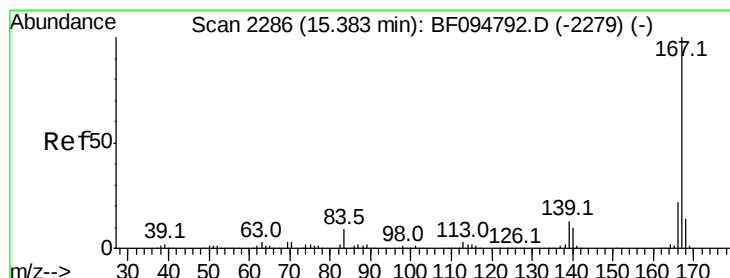
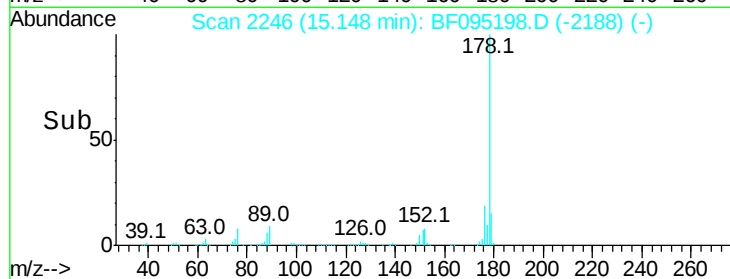
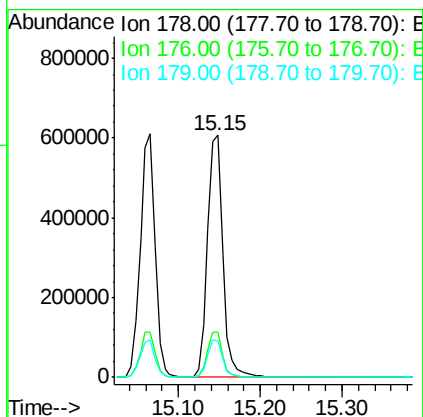
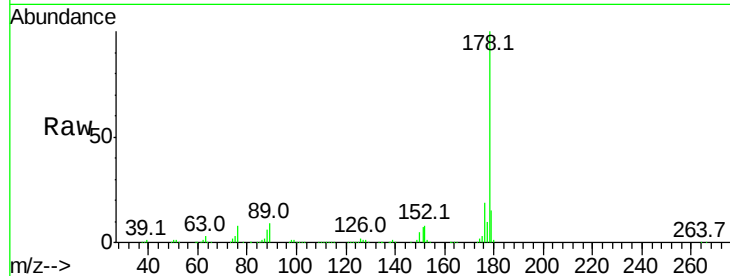




#71
 Anthracene
 Concen: 44.34 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

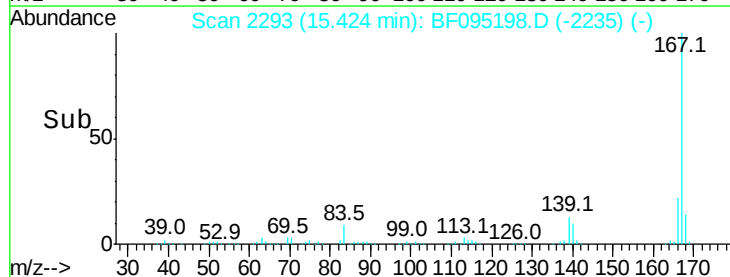
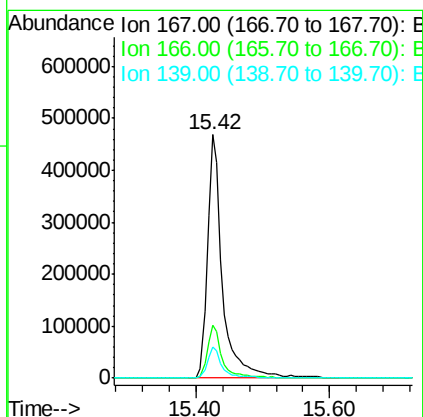
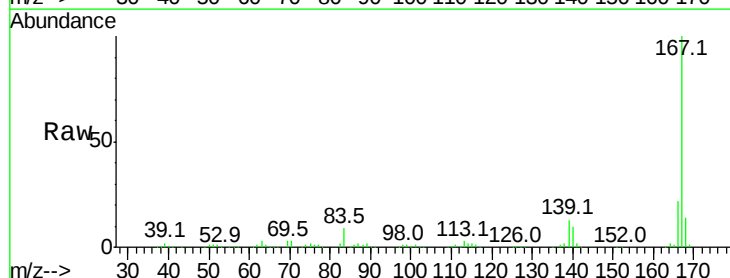
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 790611
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 45.28 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:167 Resp: 734631
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.86 ng

RT: 15.98 min Scan# 2388

Delta R.T. 0.02 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

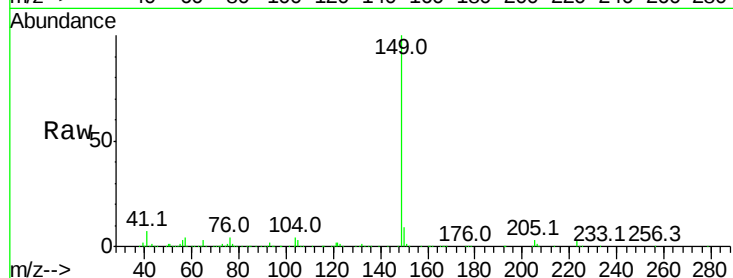
Tot Ion:149 Resp: 826706

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

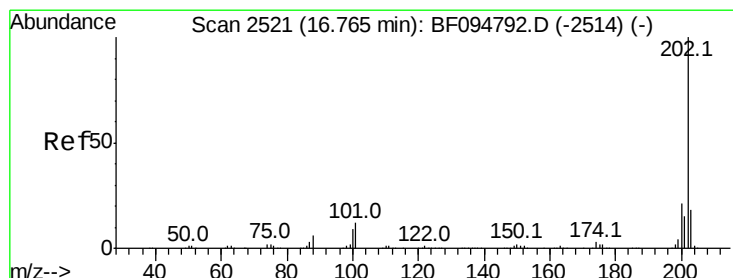
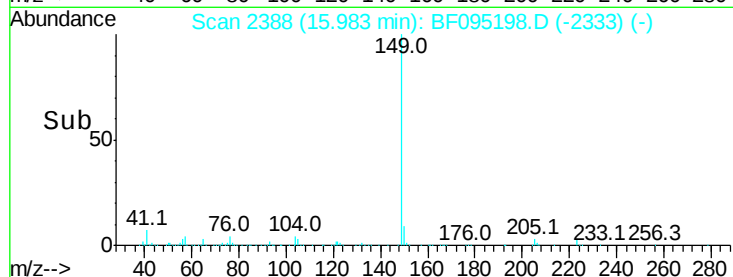
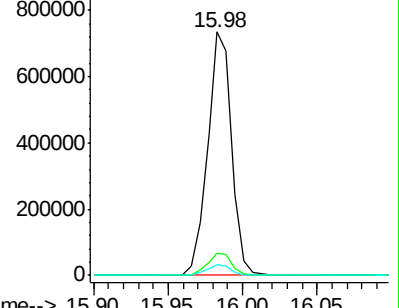
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.39 ng

RT: 16.80 min Scan# 2527

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

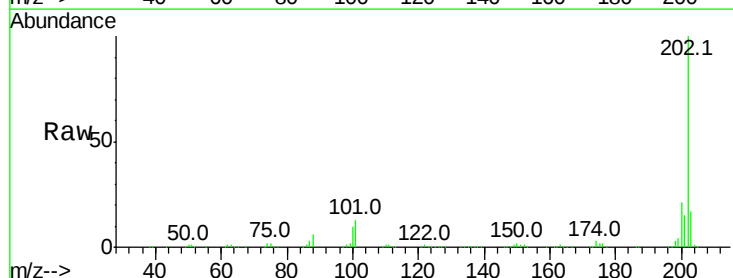
Tgt Ion:202 Resp: 776984

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

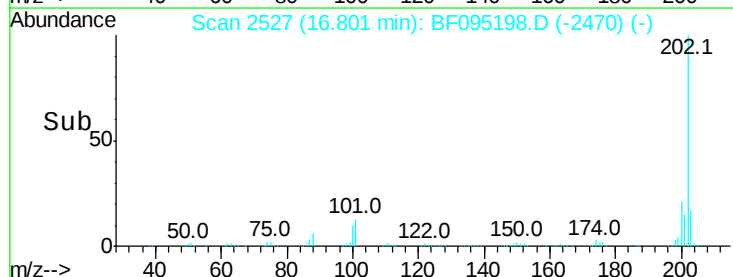
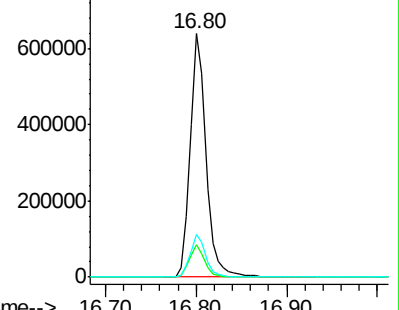
203 17.3 0.0 38.1

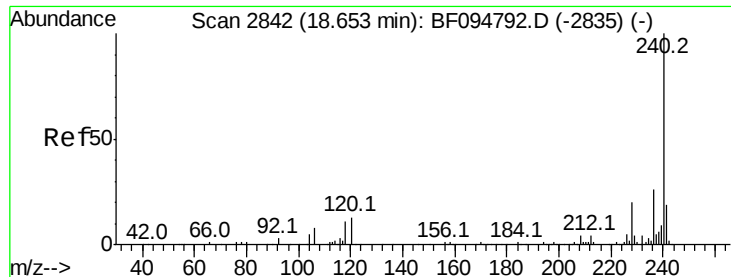


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

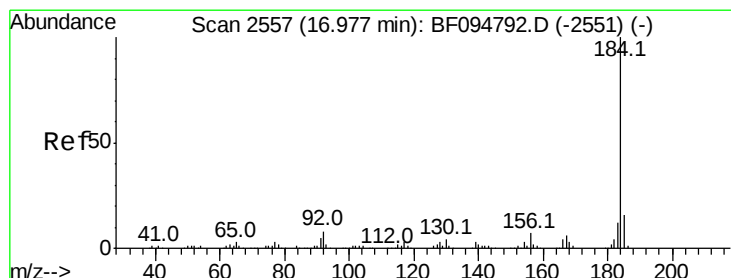
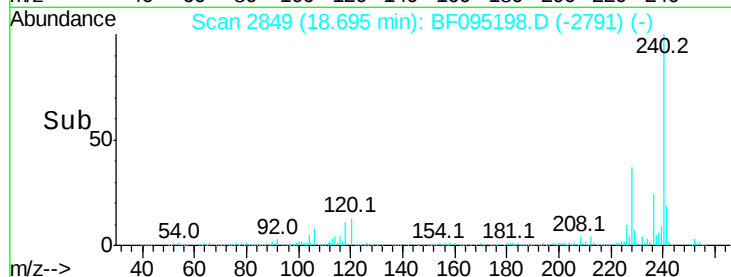
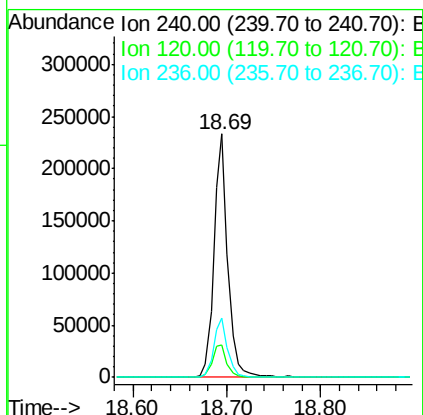
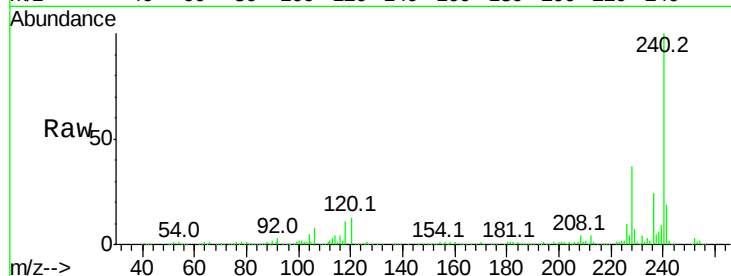




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

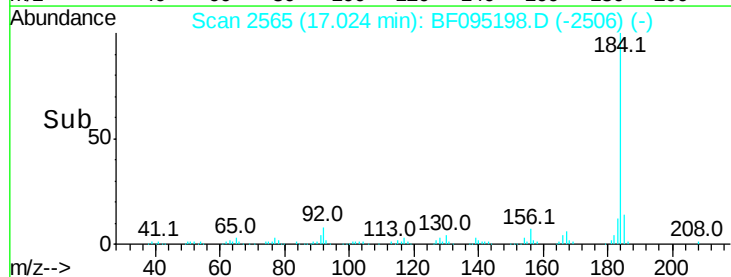
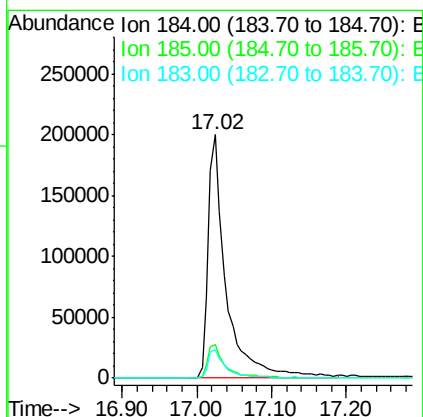
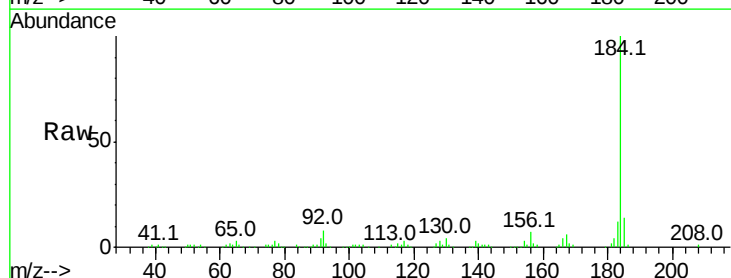
Instrument :
 BNA_F
 ClientSampleId :

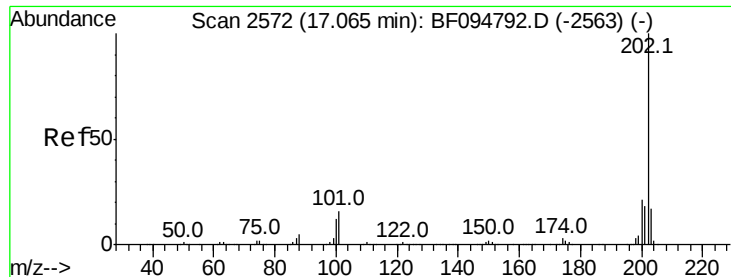
Tot Ion:240 Resp: 243306
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 24.1 20.5 30.7



#76
 Benzidine
 Concen: 50.91 ng
 RT: 17.02 min Scan# 2565
 Delta R.T. 0.05 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:184 Resp: 338015
 Ion Ratio Lower Upper
 184 100
 185 13.8 15.5 23.3#
 183 11.9 9.8 14.6





#77

Pvrene

Concen: 43.85 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.04 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

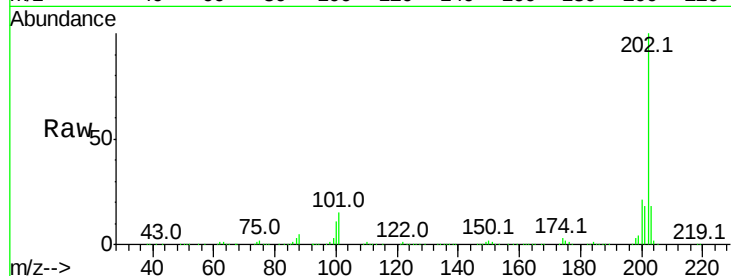
Tot Ion:202 Resp: 797934

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

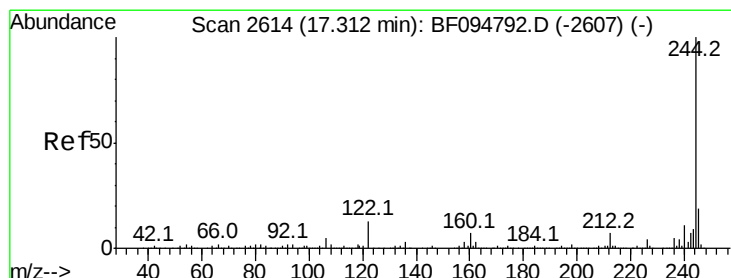
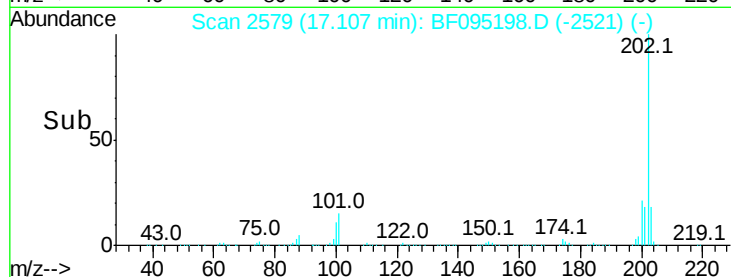
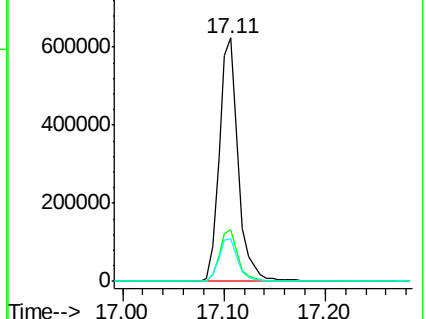
203 17.7 14.4 21.6



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: 82.48 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

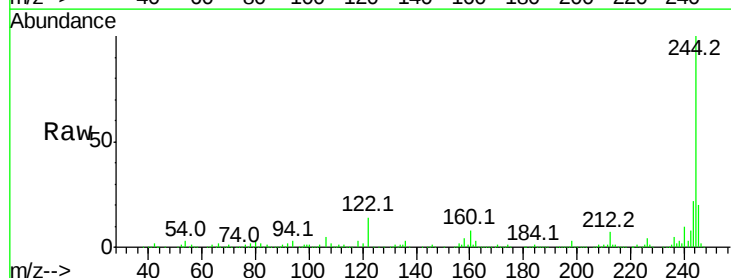
Tgt Ion:244 Resp: 911084

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

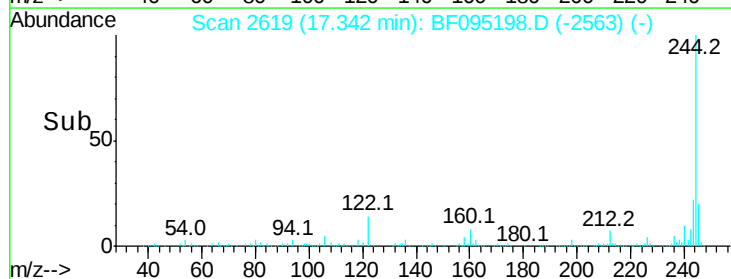
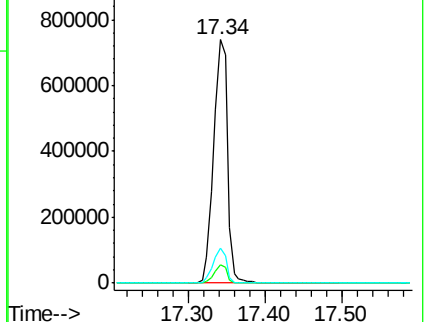
122 14.4 10.3 15.5



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

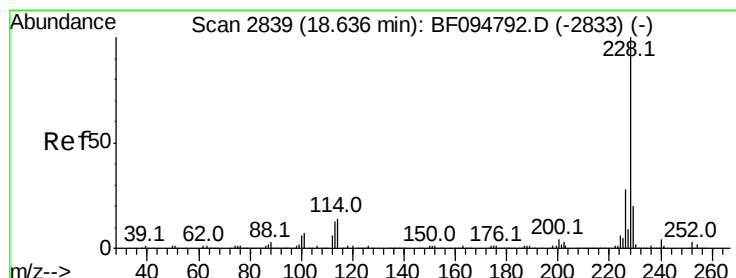
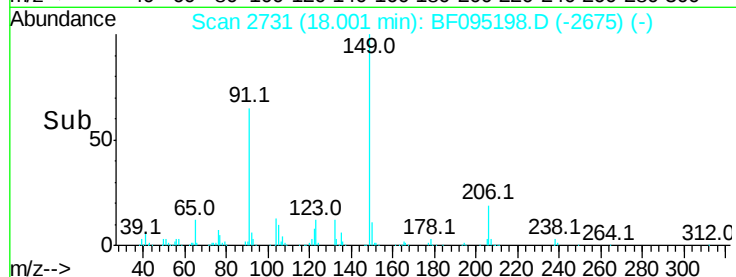
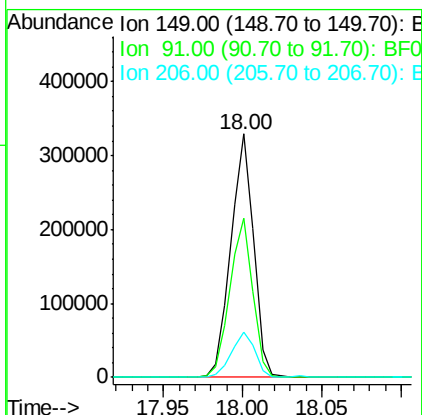
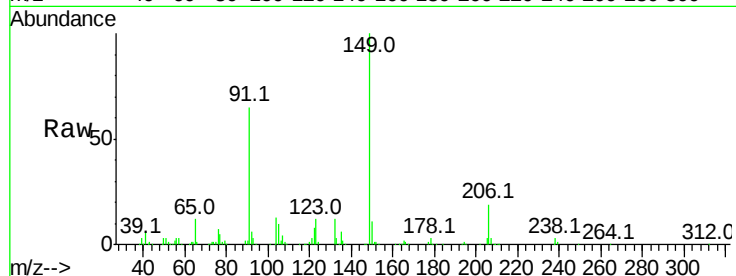




#79
Butylbenzylphthalate
Concen: 38.77 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.03 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

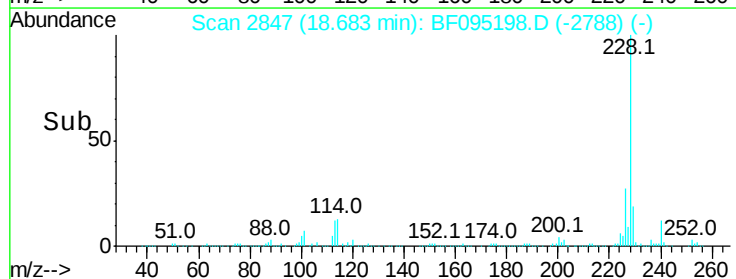
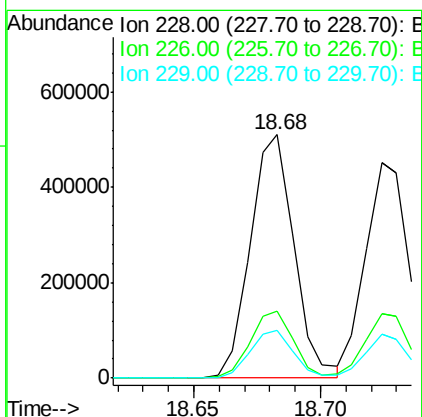
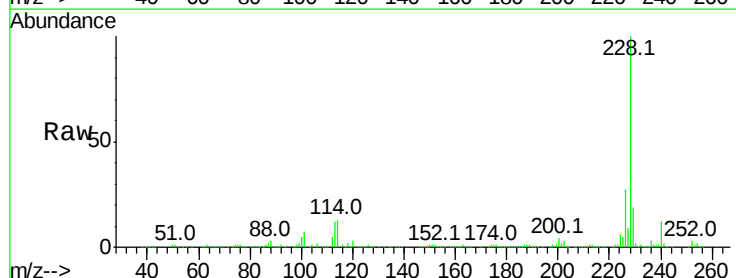
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	45.0	67.4
206	18.7	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.08 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.4	16.3	24.5

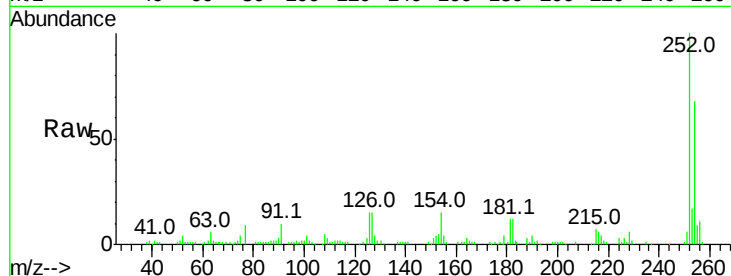




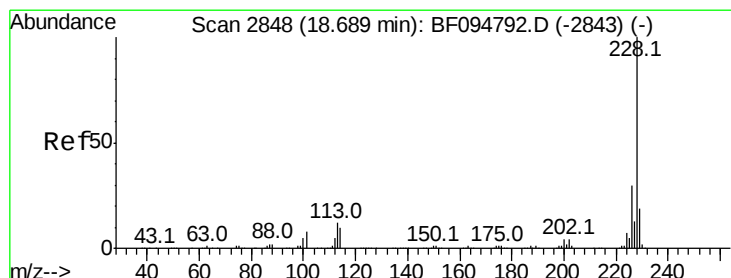
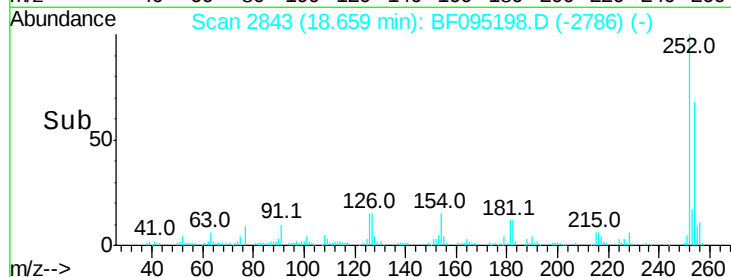
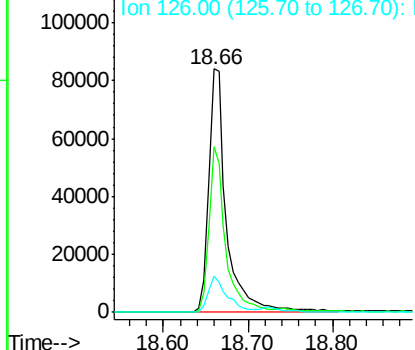
#81
 3,3'-Dichlorobenzidine
 Concen: 25.71 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 125758
 Ion Ratio Lower Upper
 252 100
 254 67.8 51.5 77.3
 126 15.0 15.8 23.8#

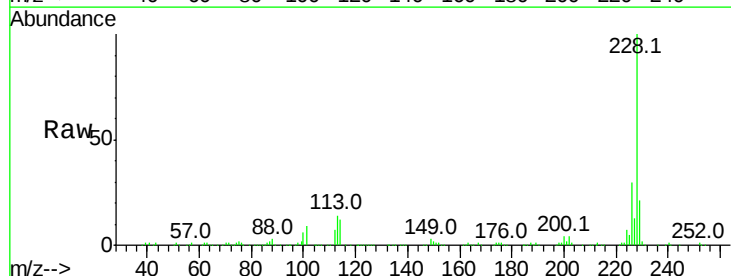


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

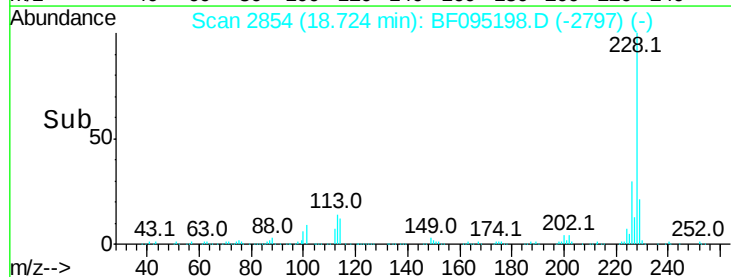
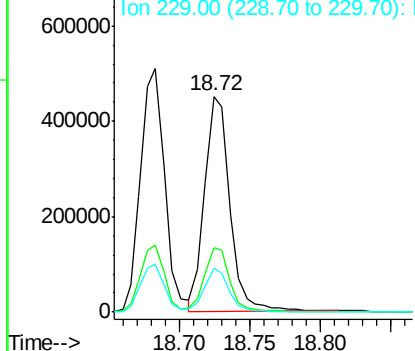


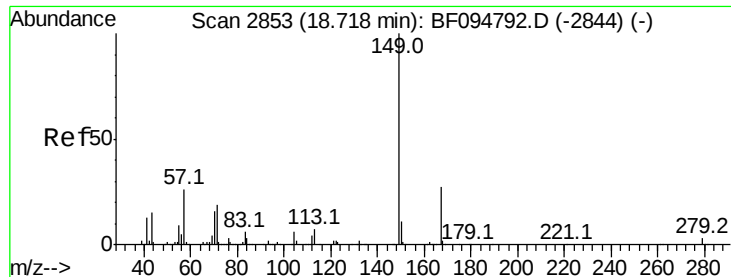
#82
 Chrysene
 Concen: 40.88 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. 0.04 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:228 Resp: 559752
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.9 37.3
 229 20.6 15.8 23.6



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: 40.29 ng

RT: 18.74 min Scan# 2857

Delta R.T. 0.02 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

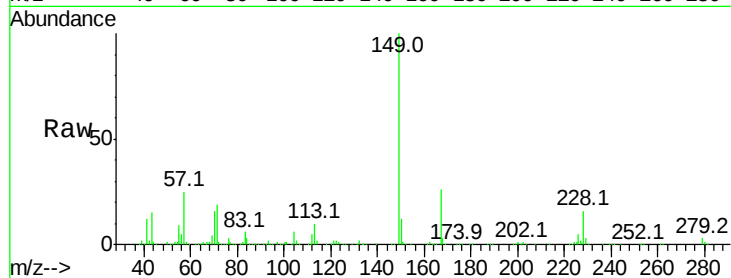
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 485811

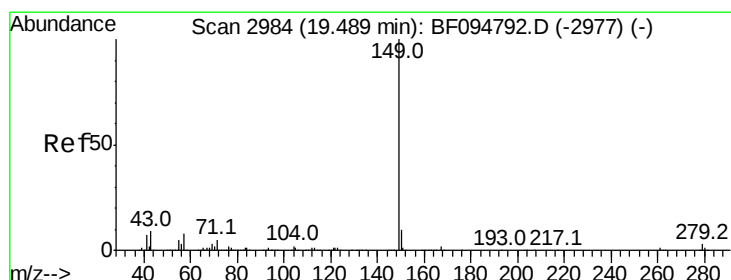
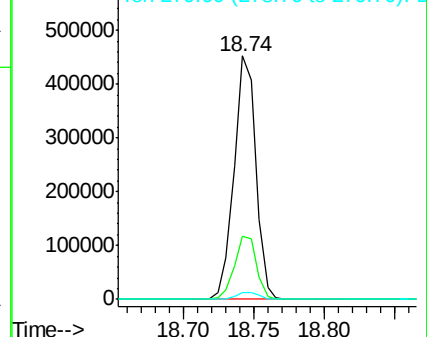
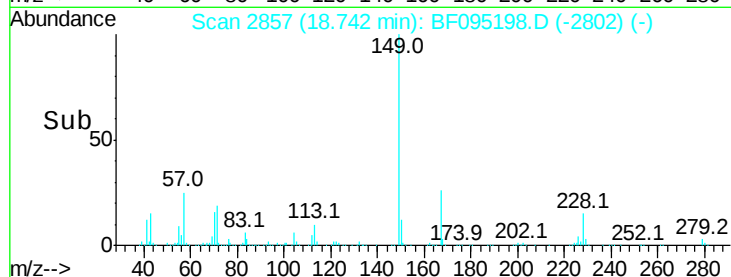
Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	2.8	1.9	2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.62 ng

RT: 19.51 min Scan# 2988

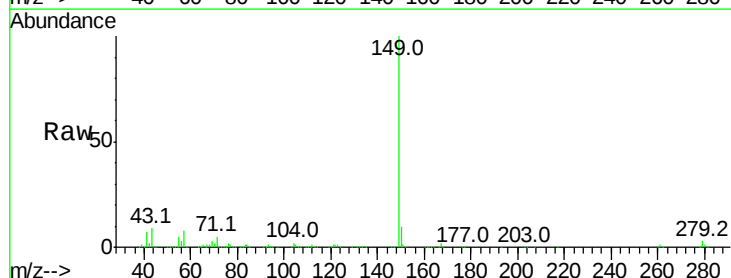
Delta R.T. 0.02 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion:149 Resp: 763588

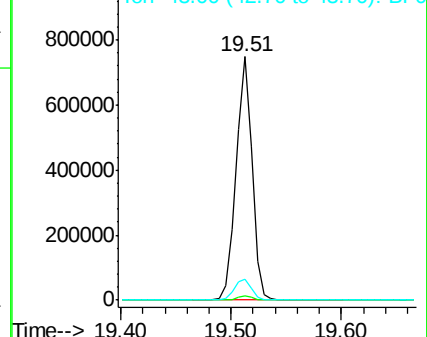
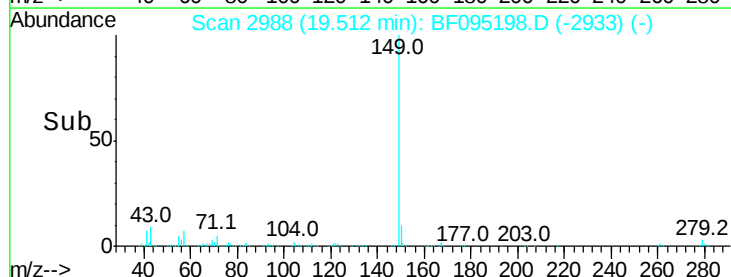
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

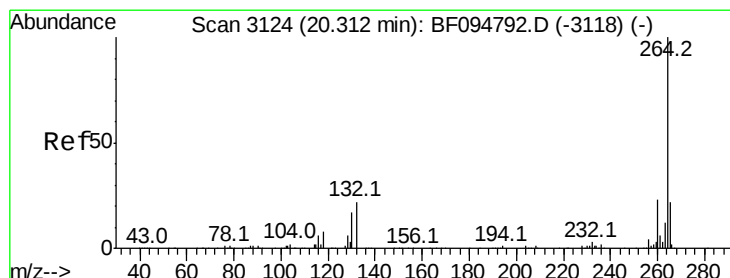
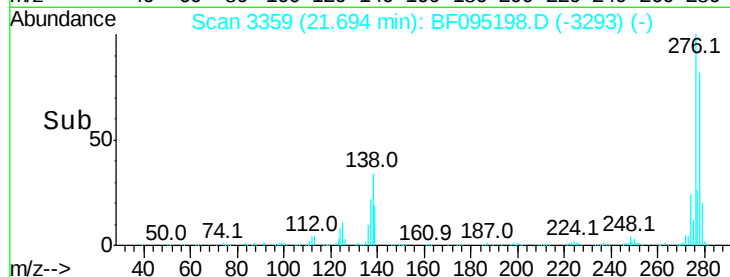
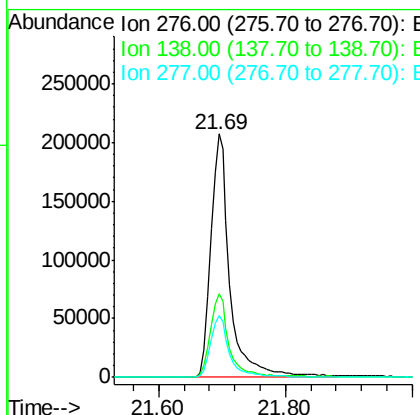
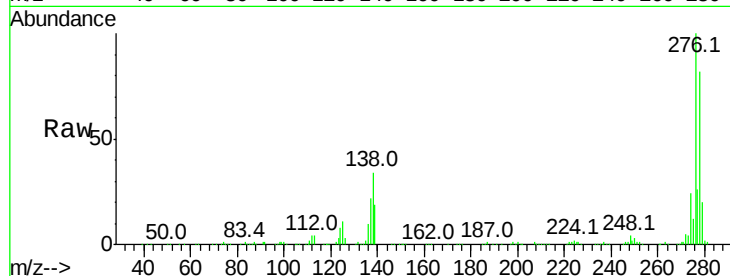




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.60 ng
RT: 21.69 min Scan# 3359
Delta R.T. 0.09 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

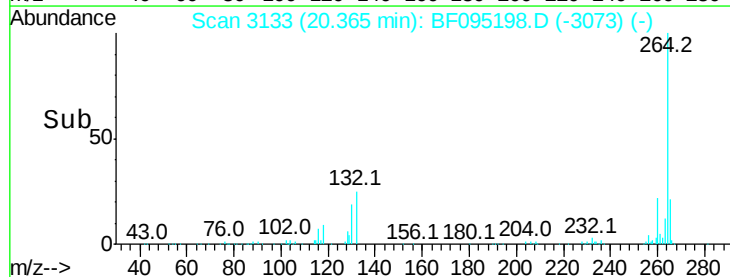
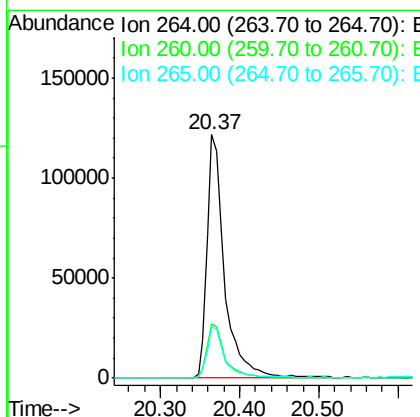
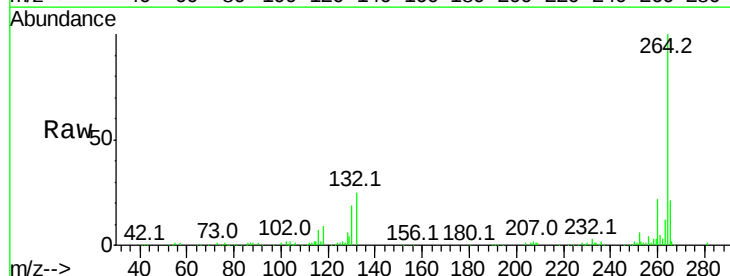
Instrument :
BNA_F
ClientSampleId :

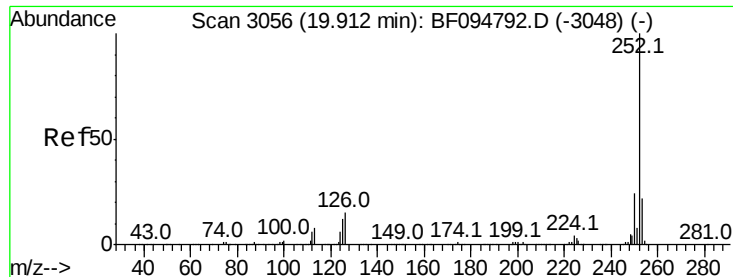
Tot Ion:276 Resp: 440354
Ion Ratio Lower Upper
276 100
138 33.4 27.8 41.6
277 25.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion:264 Resp: 188080
Ion Ratio Lower Upper
264 100
260 22.1 19.5 29.3
265 21.3 17.2 25.8

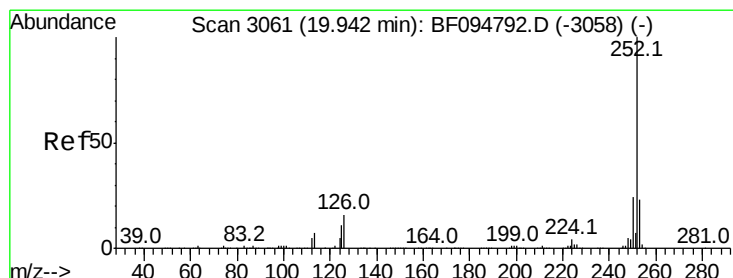
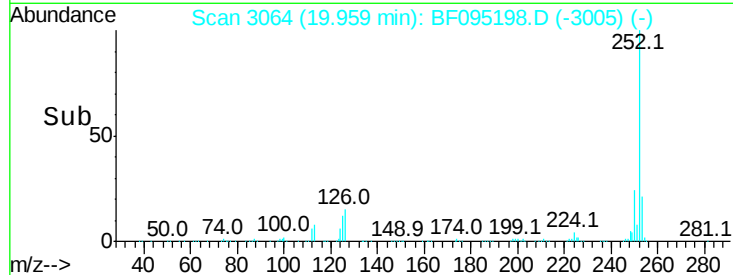
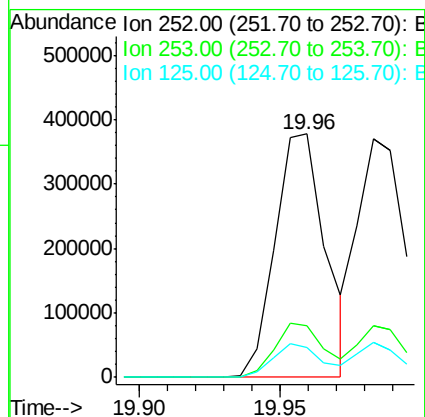
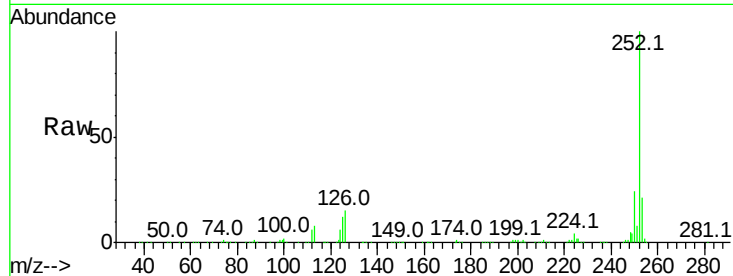




#87
Benzo(b)fluoranthene
Concen: 40.32 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

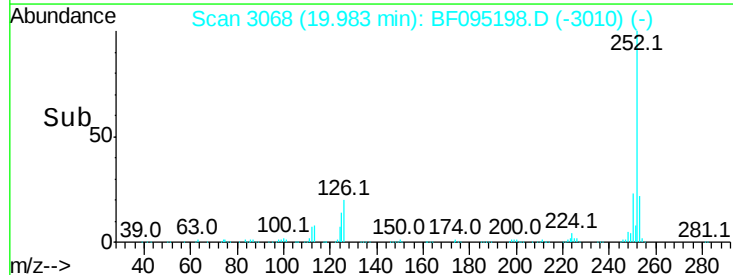
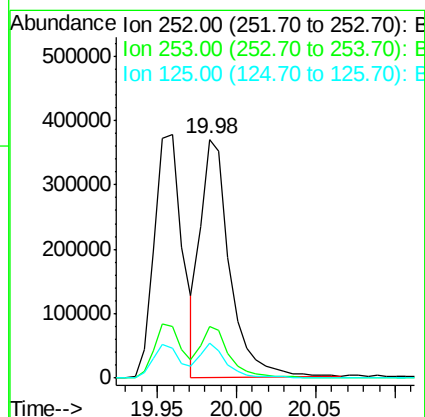
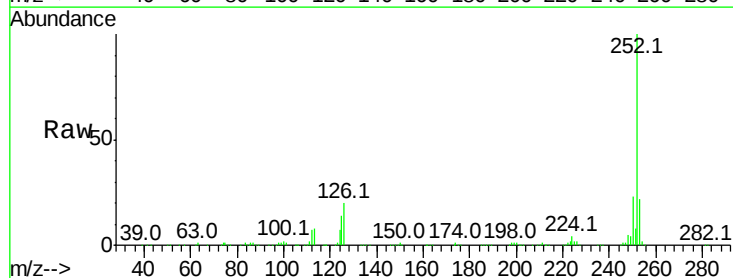
Instrument :
BNA_F
ClientSampleId :

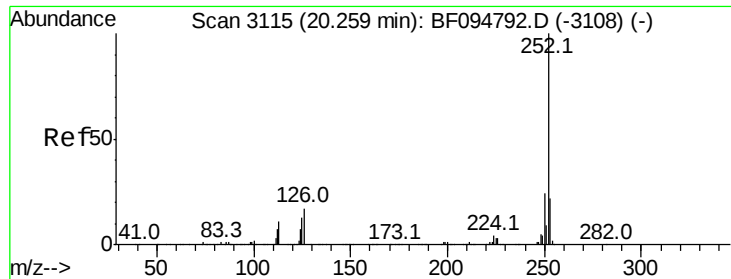
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	12.1	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 42.35 ng
RT: 19.98 min Scan# 3068
Delta R.T. 0.04 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	14.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 42.00 ng

RT: 20.31 min Scan# 3123

Delta R.T. 0.05 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

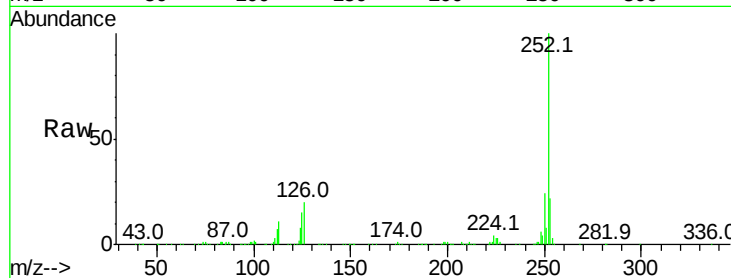
Tot Ion:252 Resp: 450459

Ion Ratio Lower Upper

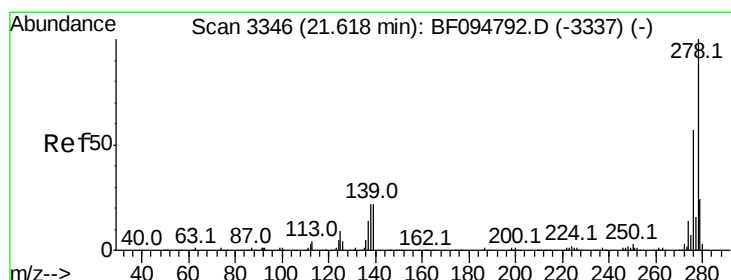
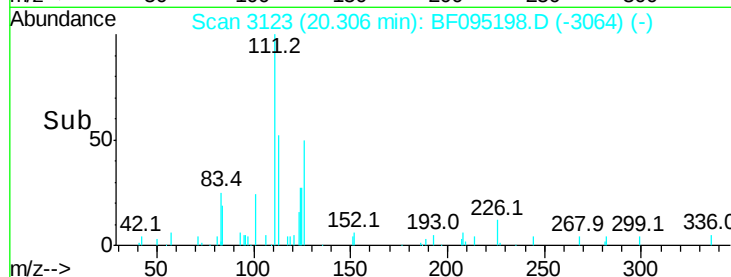
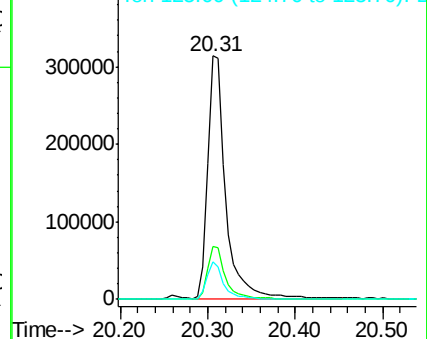
252 100

253 21.6 17.5 26.3

125 15.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.10 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.08 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

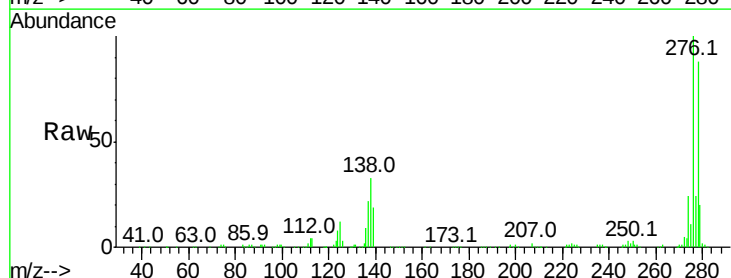
Tgt Ion:278 Resp: 363979

Ion Ratio Lower Upper

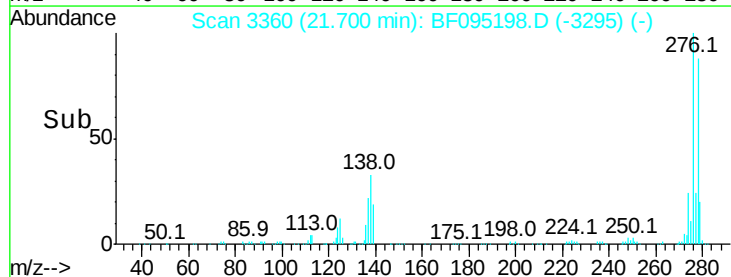
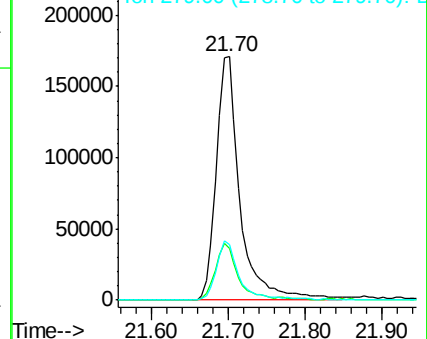
278 100

139 21.1 16.6 24.8

279 23.0 19.3 28.9



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(a,h,i)perylene

Concen: 43.94 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.11 min

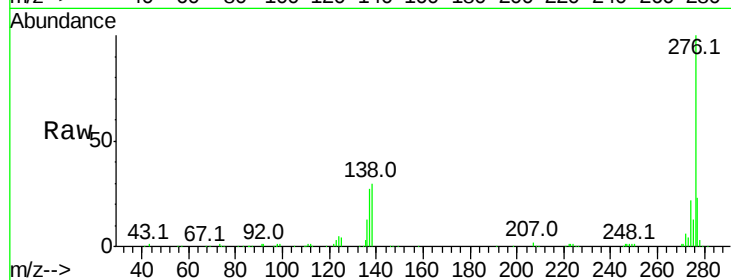
Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 381909

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.6 25.4 38.0

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

