

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095125.D
 Acq On : 15 May 2017 14:56
 Operator : SJ/MA
 Sample : PB98943BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:54:29 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	7.79	152	89607	20.00	ng	0.06
21) Naphthalene-d8	9.80	136	363680	20.00	ng	0.04
38) Acenaphthene-d10	12.63	164	174555	20.00	ng	0.05
63) Phenanthrene-d10	15.04	188	329662	20.00	ng	0.05
75) Chrysene-d12	18.70	240	269254	20.00	ng	0.05
86) Perylene-d12	20.38	264	185509	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	772945	143.81	ng	0.09
7) Phenol-d6	7.33	99	842587	130.66	ng	0.05
23) Nitrobenzene-d5	8.69	82	533961	92.58	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	205105	143.48	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	1013182	83.54	ng	0.04
78) Terphenyl-d14	17.35	244	1012665	82.84	ng	0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	90689	34.41	ng	93
3) Pyridine	3.05	79	48030	7.86	ng	96
4) n-Nitrosodimethylamine	2.96	42	74664	29.32	ng	94
6) Aniline	7.30	93	232265	28.53	ng	95
8) 2-Chlorophenol	7.48	128	278987	45.61	ng	96
9) Benzaldehyde	7.12	77	107873	27.39	ng	98
10) Phenol	7.35	94	283780	41.76	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	247750	44.16	ng	95
12) 1,3-Dichlorobenzene	7.69	146	300313	43.28	ng	99
13) 1,4-Dichlorobenzene	7.81	146	308170	43.79	ng	97
14) 1,2-Dichlorobenzene	8.05	146	295956	45.05	ng	95
15) Benzyl Alcohol	8.07	79	226221	54.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	334771	42.16	ng	81
17) 2-Methylphenol	8.28	107	235695	47.08	ng	93
18) Hexachloroethane	8.56	117	104520	43.84	ng	88
19) n-Nitroso-di-n-propylamine	8.49	70	191982	44.02	ng	94
20) 3+4-Methylphenols	8.53	107	306328	45.03	ng	# 56
22) Acetophenone	8.46	105	389489	44.64	ng	# 84
24) Nitrobenzene	8.71	77	273660	45.27	ng	95
25) Isophorone	9.11	82	494227	47.99	ng	95
26) 2-Nitrophenol	9.22	139	156394	47.95	ng	95
27) 2,4-Dimethylphenol	9.35	122	251777	47.74	ng	98
28) bis(2-Chloroethoxy)methane	9.48	93	310003	43.51	ng	99
29) 2,4-Dichlorophenol	9.64	162	241046	48.41	ng	99
30) 1,2,4-Trichlorobenzene	9.72	180	239182	44.83	ng	100
31) Naphthalene	9.83	128	791979	43.33	ng	100
32) Benzoic acid	9.65	122	122193	36.63	ng	95
33) 4-Chloroaniline	10.00	127	63854	9.37	ng	96
34) Hexachlorobutadiene	10.05	225	122049	43.36	ng	99
35) Caprolactam	10.61	113	31032	20.75	ng	88
36) 4-Chloro-3-methylphenol	10.82	107	235986	44.32	ng	92
37) 2-Methylnaphthalene	10.96	142	531110	44.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.24	216	224637	41.85	ng	100
40) Hexachlorocyclopentadiene	11.21	237	184962	81.81	ng	98

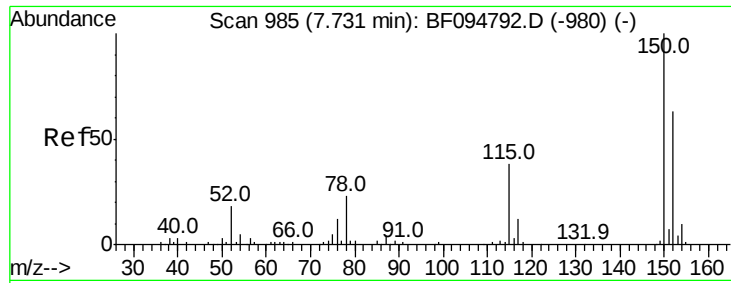
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095125.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	167194	46.65	nq	99
43) 2,4,5-Trichlorophenol	11.55	196	152158	39.50	nq	# 90
45) 1,1'-Biphenyl	11.72	154	662878	45.10	nq	98
46) 2-Chloronaphthalene	11.74	162	519347	43.76	nq	96
47) 2-Nitroaniline	11.96	65	137800	42.43	nq	# 80
48) Acenaphthylene	12.40	152	792688	42.65	nq	98
49) Dimethylphthalate	12.27	163	615767	42.97	nq	99
50) 2,6-Dinitrotoluene	12.37	165	127157	43.49	nq	96
51) Acenaphthene	12.68	154	477222	42.99	nq	98
52) 3-Nitroaniline	12.65	138	67523	21.52	nq	89
53) 2,4-Dinitrophenol	12.84	184	137106	84.75	nq	# 66
54) Dibenzofuran	12.97	168	753628	49.05	nq	99
55) 4-Nitrophenol	13.02	139	158068	83.87	nq	# 72
56) 2,4-Dinitrotoluene	13.04	165	190638	50.75	nq	# 92
57) Fluorene	13.52	166	548386	41.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	122124	50.37	nq	# 96
59) Diethylphthalate	13.42	149	546207	39.77	nq	98
60) 4-Chlorophenyl-phenylether	13.55	204	243016	41.39	nq	89
61) 4-Nitroaniline	13.64	138	99575	34.57	nq	93
62) Azobenzene	13.81	77	555316	50.31	nq	94
64) 4,6-Dinitro-2-methylphenol	13.70	198	87719	39.69	nq	# 67
65) n-Nitrosodiphenylamine	13.76	169	505378	42.24	nq	98
66) 4-Bromophenyl-phenylether	14.34	248	150649	43.25	nq	99
67) Hexachlorobenzene	14.42	284	155747	43.63	nq	# 85
68) Atrazine	14.68	200	160197	47.42	nq	95
69) Pentachlorophenol	14.78	266	117825	73.52	nq	94
70) Phenanthrene	15.07	178	834603	44.06	nq	99
71) Anthracene	15.15	178	851046	43.99	nq	99
72) Carbazole	15.43	167	781798	44.41	nq	98
73) Di-n-butylphthalate	15.99	149	899230	40.96	nq	98
74) Fluoranthene	16.81	202	804007	41.38	nq	98
76) Benzidine	17.04	184	214712	32.03	nq	# 92
77) Pyrene	17.11	202	824184	40.93	nq	99
79) Butylbenzylphthalate	18.01	149	412738	44.07	nq	89
80) Benzo(a)anthracene	18.69	228	681888	43.51	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	114390	21.14	nq	# 97
82) Chrysene	18.74	228	676044	44.62	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	608478	45.59	nq	# 98
84) Di-n-octyl phthalate	19.52	149	1017492	46.50	nq	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	459095	37.31	nq	100
87) Benzo(b)fluoranthene	19.97	252	499388	43.57	nq	98
88) Benzo(k)fluoranthene	19.99	252	578053	52.28	nq	# 94
89) Benzo(a)pyrene	20.32	252	475641	44.97	nq	99
90) Dibenzo(a,h)anthracene	21.71	278	380343	43.54	nq	98
91) Benzo(g,h,i)perylene	22.09	276	375184	43.77	nq	99

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

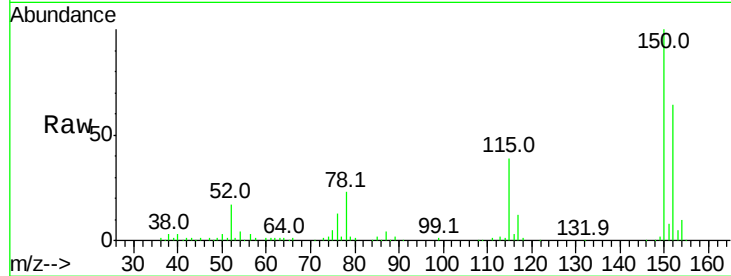


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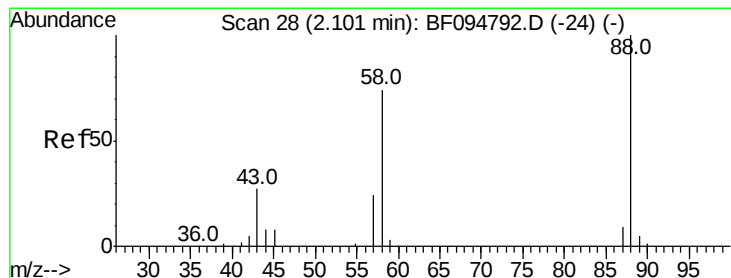
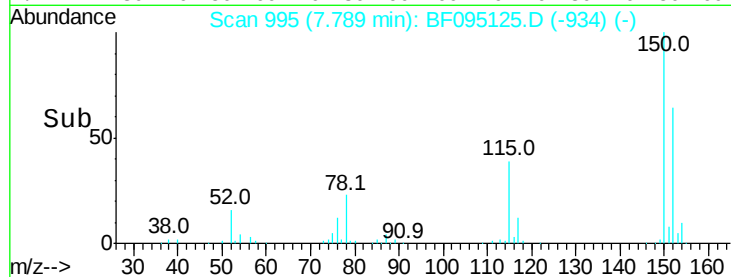
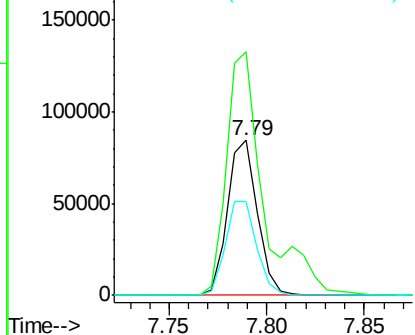
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 995
 Delta R.T. 0.06 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 89607
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.2
 115 60.6 52.2 78.2



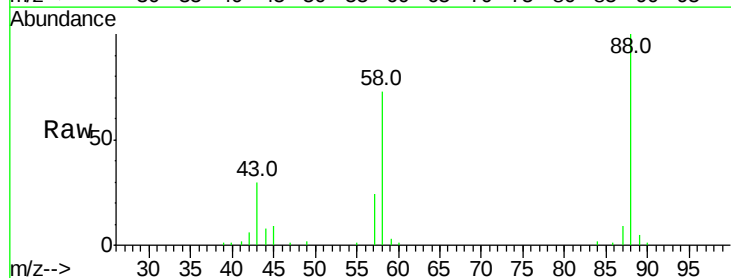
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



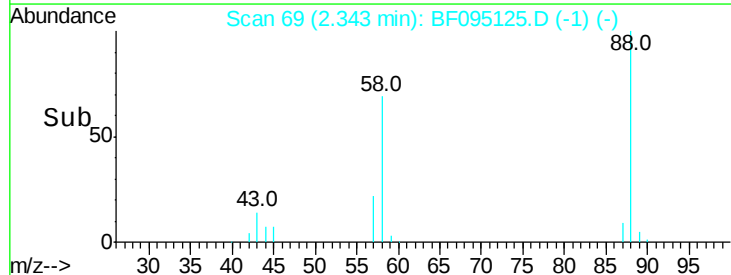
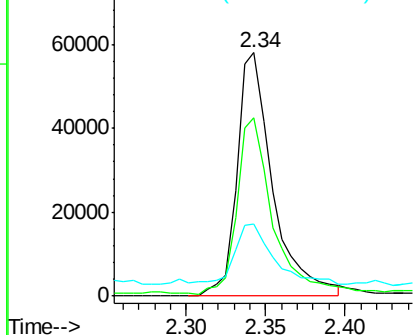
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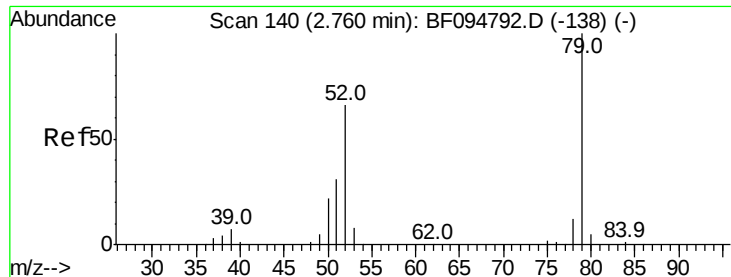
1,4-Dioxane
 Concen: 34.41 ng
 RT: 2.34 min Scan# 69
 Delta R.T. 0.24 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion: 88 Resp: 90689
 Ion Ratio Lower Upper
 88 100
 58 70.0 61.4 92.0
 43 26.0 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

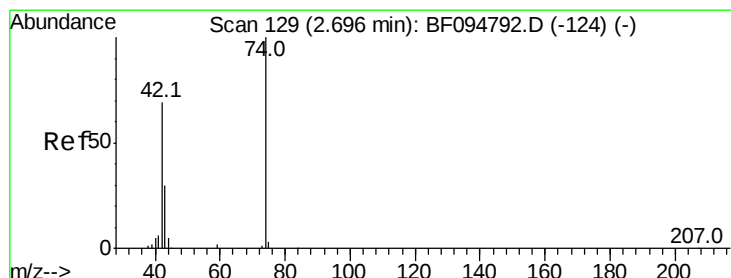
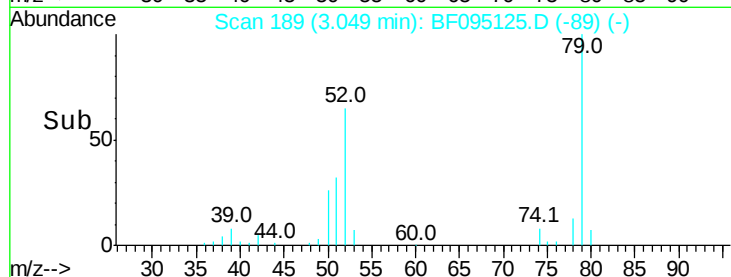
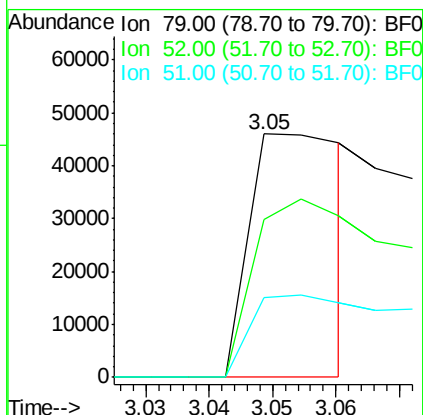
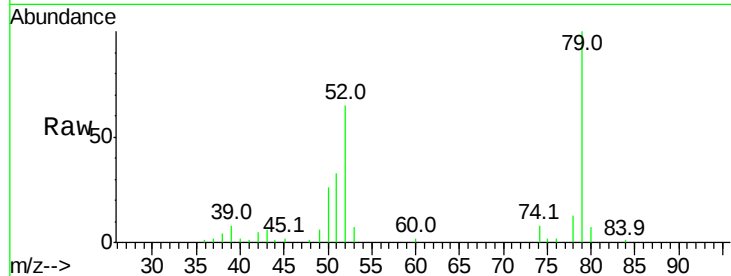




#3
 Pvridine
 Concen: 7.86 ng
 RT: 3.05 min Scan# 189
 Delta R.T. 0.29 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

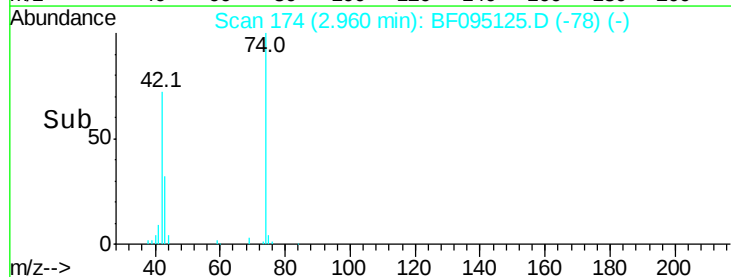
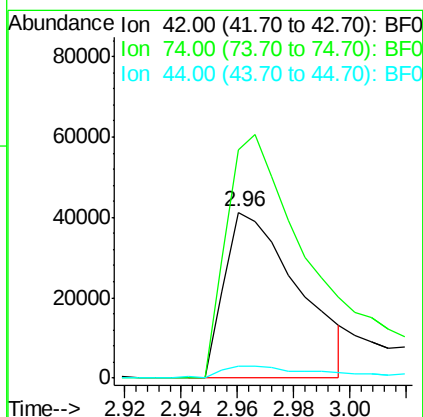
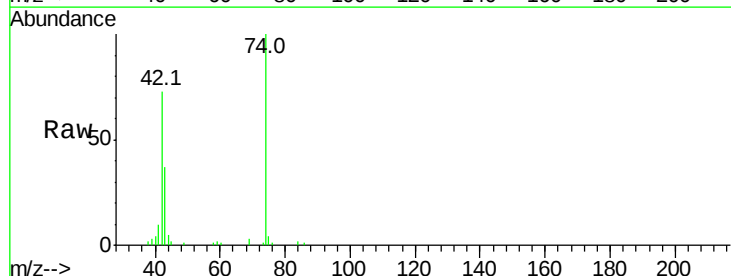
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 48030
 Ion Ratio Lower Upper
 79 100
 52 64.7 54.8 82.2
 51 32.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 29.32 ng
 RT: 2.96 min Scan# 174
 Delta R.T. 0.26 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion: 42 Resp: 74664
 Ion Ratio Lower Upper
 42 100
 74 137.6 103.9 155.9
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 143.81 ng

RT: 5.77 min Scan# 651

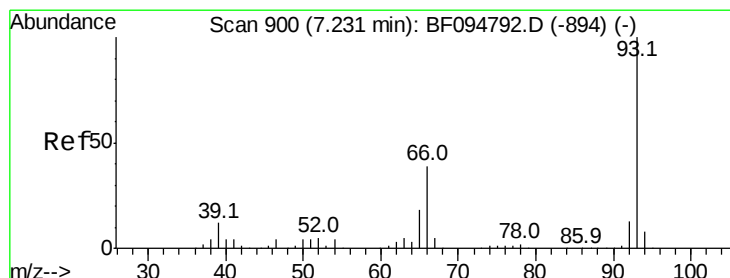
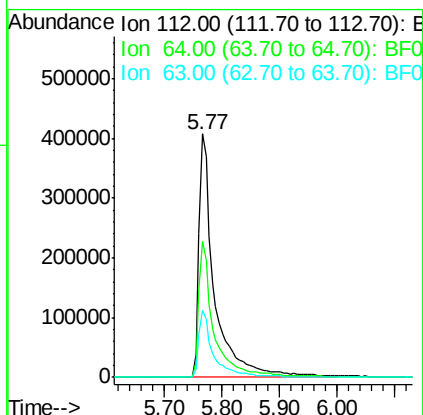
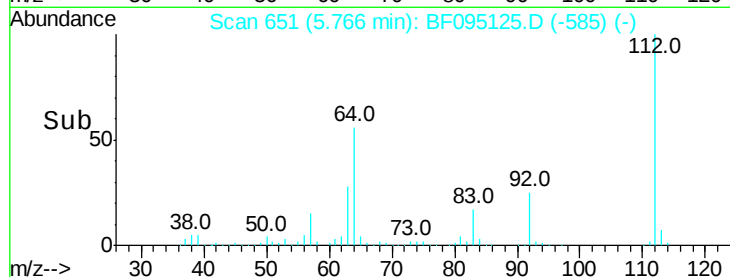
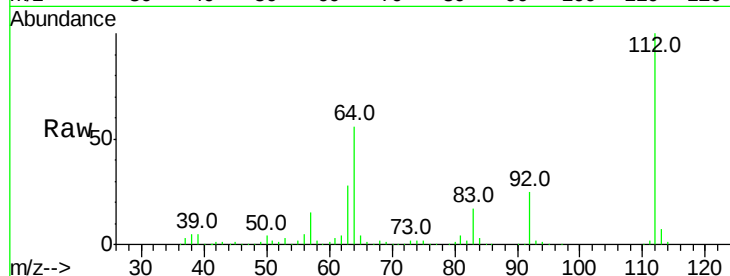
Delta R.T. 0.09 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	772945
Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	27.6	23.4	35.0



#6

Aniline

Concen: 28.53 ng

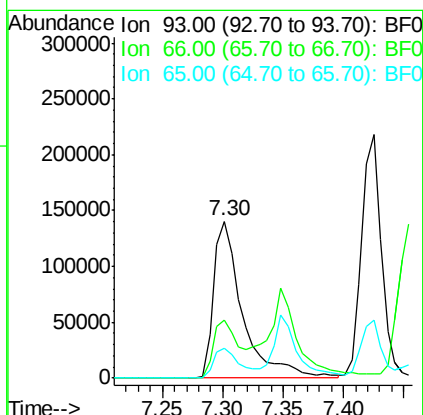
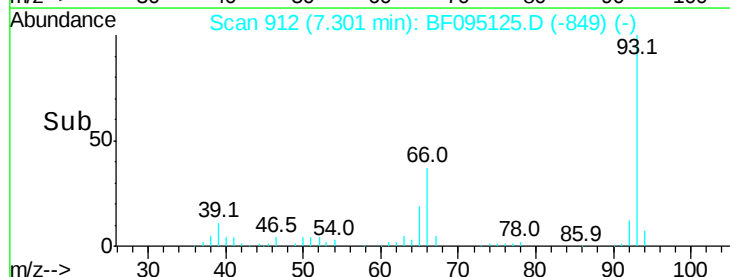
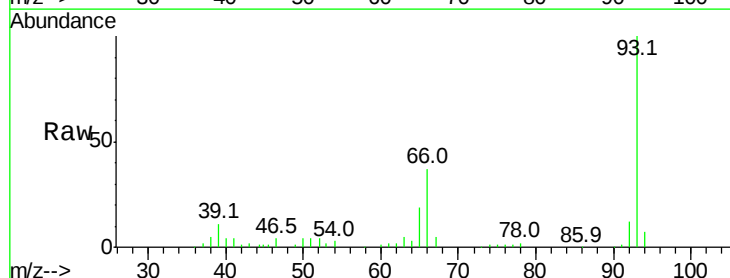
RT: 7.30 min Scan# 912

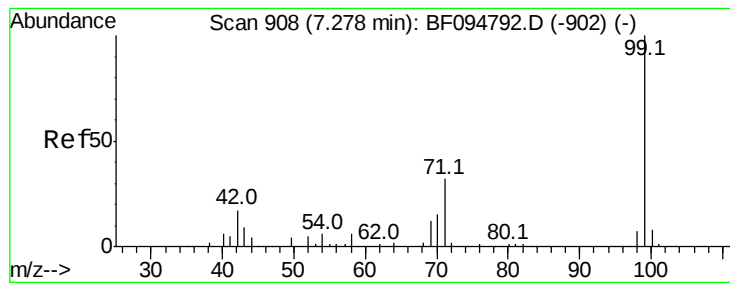
Delta R.T. 0.07 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Tgt Ion:	93	Resp:	232265
Ion	Ratio	Lower	Upper
93	100		
66	36.9	32.9	49.3
65	19.2	16.0	24.0





#7

Phenol-d6

Concen: 130.66 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

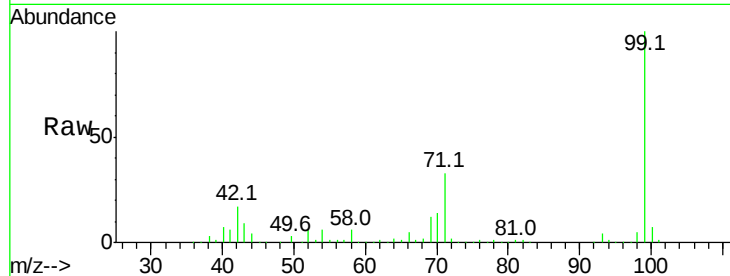
Tot Ion: 99 Resp: 842587

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

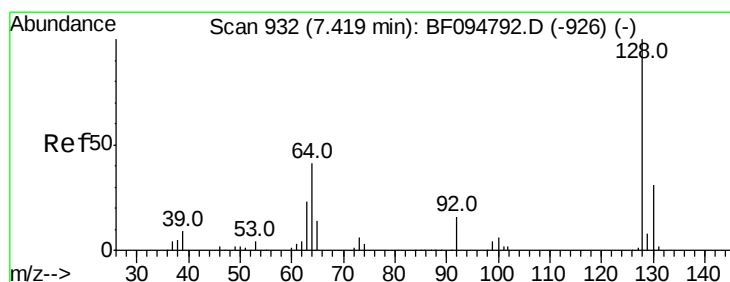
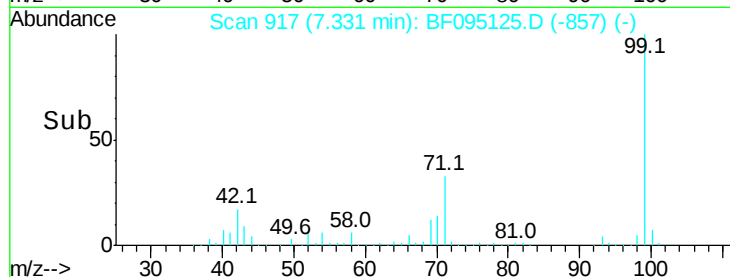
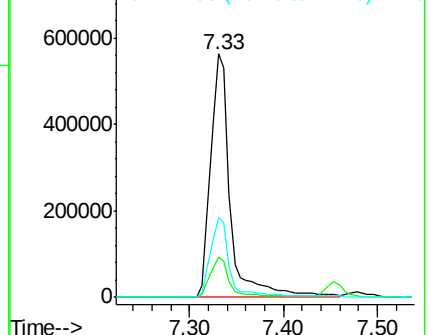
71 32.9 24.5 36.7



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: 45.61 ng

RT: 7.48 min Scan# 942

Delta R.T. 0.06 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

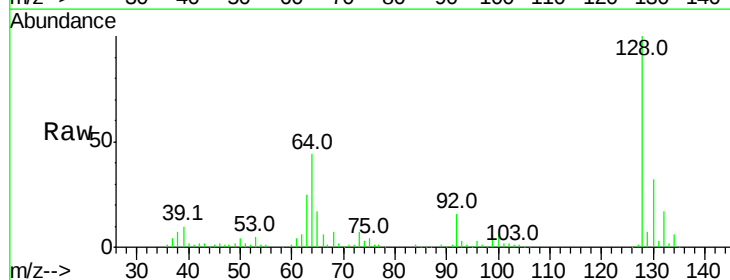
Tgt Ion: 128 Resp: 278987

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

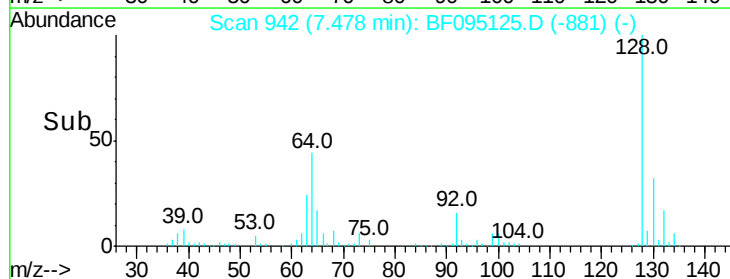
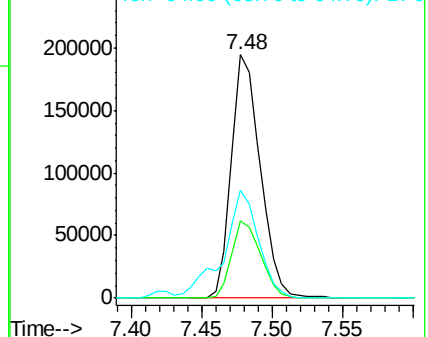
64 44.5 28.4 68.4

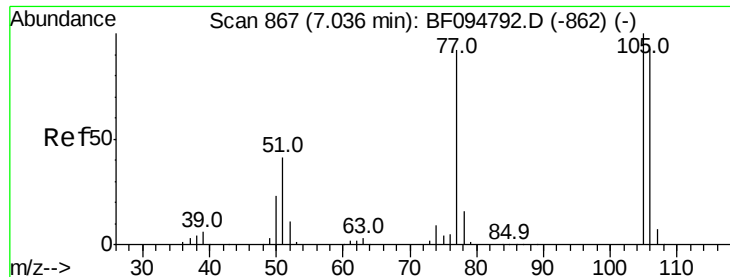


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.39 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.08 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

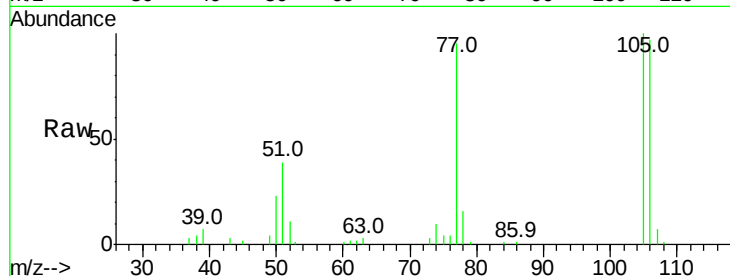
Tot Ion: 77 Resp: 107873

Ion Ratio Lower Upper

77 100

105 104.7 83.8 123.8

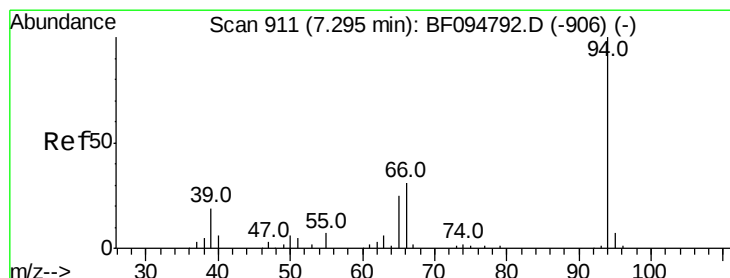
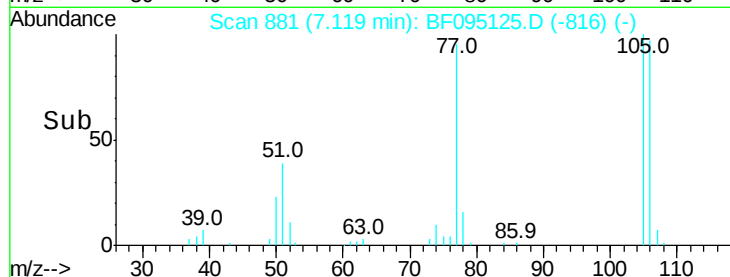
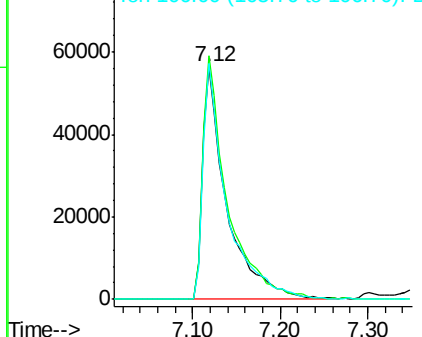
106 101.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.76 ng

RT: 7.35 min Scan# 920

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

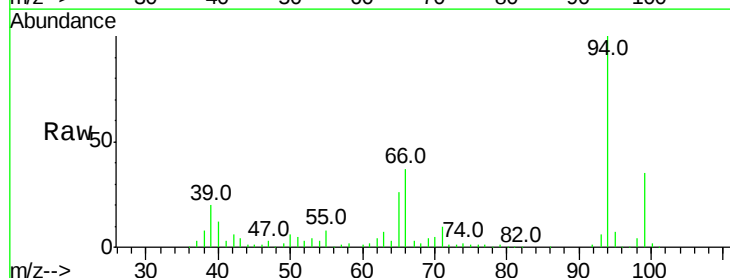
Tgt Ion: 94 Resp: 283780

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

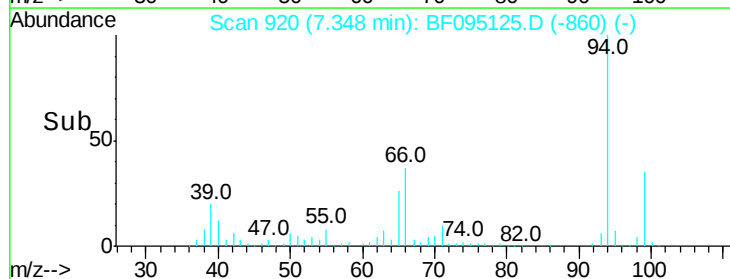
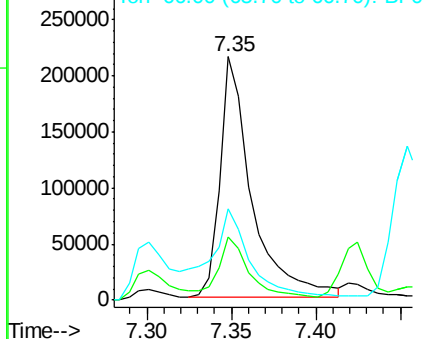
66 37.3 23.1 63.1

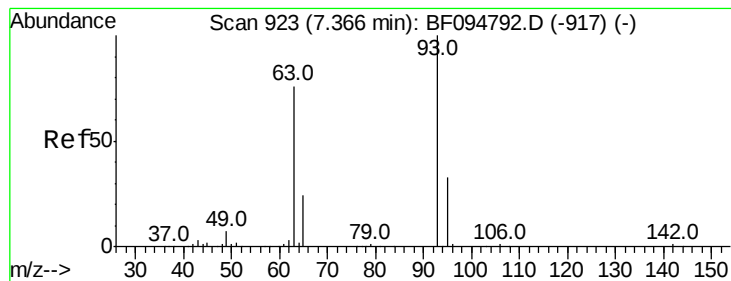


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

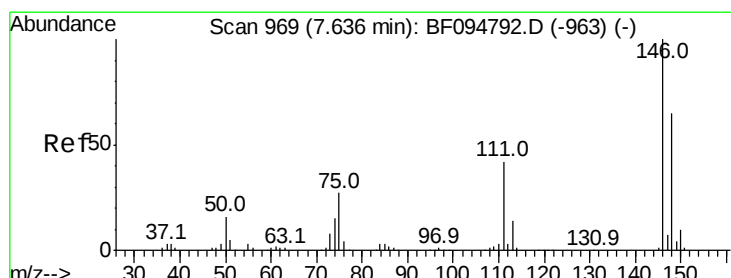
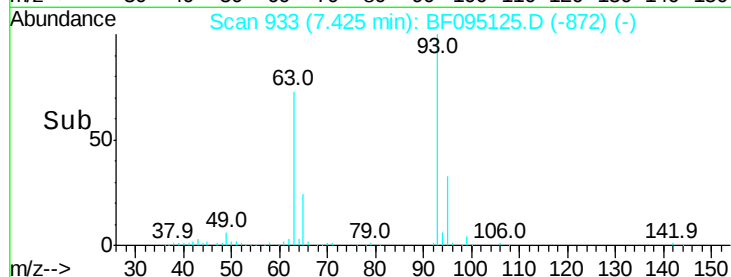
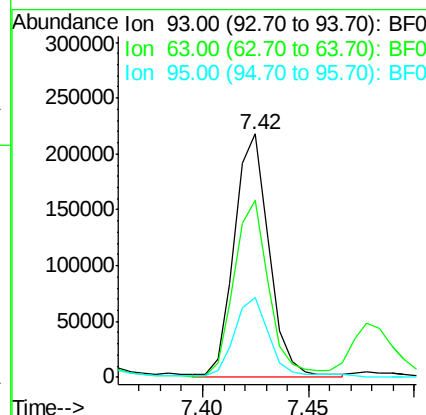
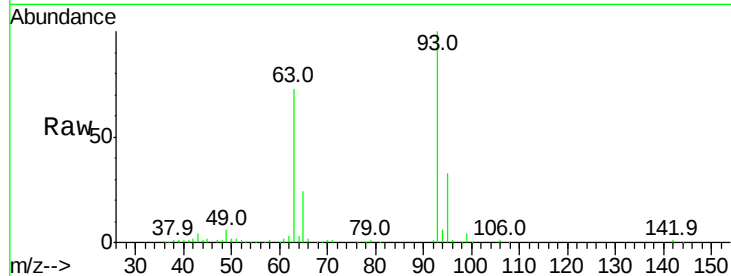




#11
 bis(2-Chloroethyl)ether
 Concen: 44.16 ng
 RT: 7.42 min Scan# 933
 Delta R.T. 0.06 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

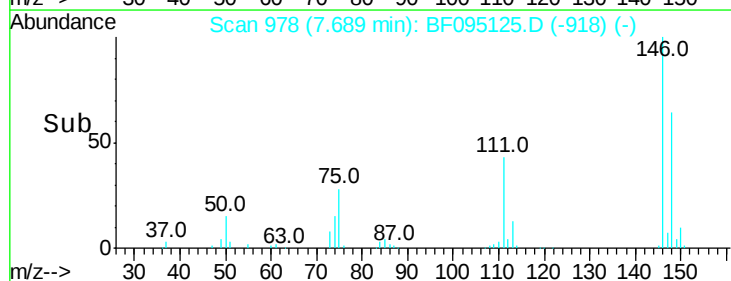
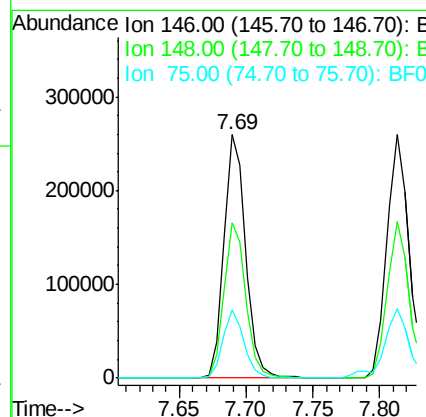
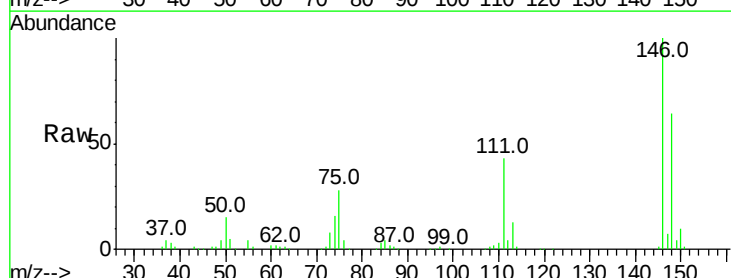
Instrument :
 BNA_F
 ClientSampled :

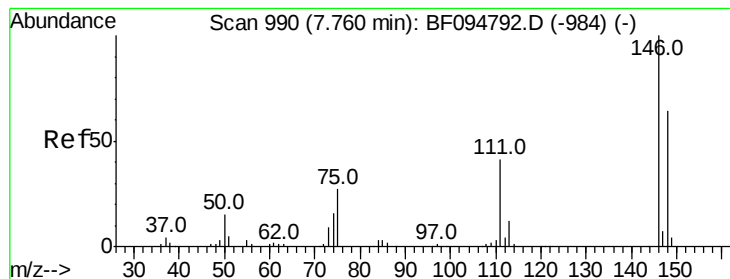
Tot Ion: 93 Resp: 247750
 Ion Ratio Lower Upper
 93 100
 63 72.8 59.2 99.2
 95 33.0 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 43.28 ng
 RT: 7.69 min Scan# 978
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion: 146 Resp: 300313
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 75 28.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 43.79 ng

RT: 7.81 min Scan# 999

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

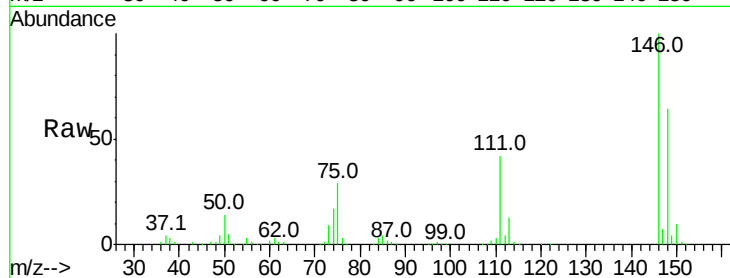
Tot Ion:146 Resp: 308170

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

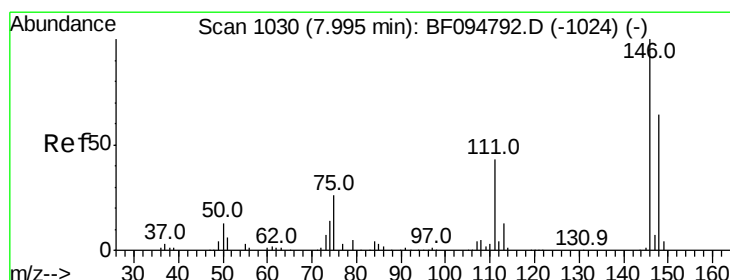
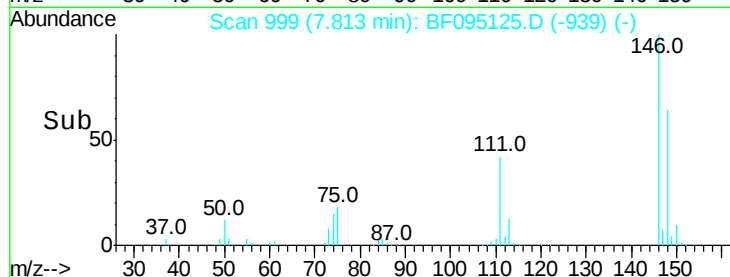
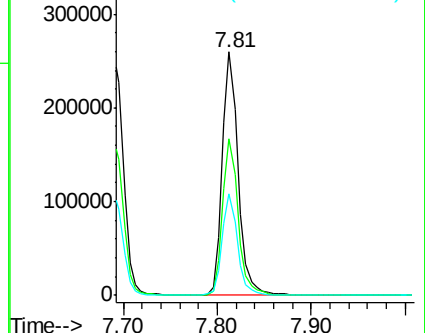
111 41.9 30.3 45.5



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: 45.05 ng

RT: 8.05 min Scan# 1039

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

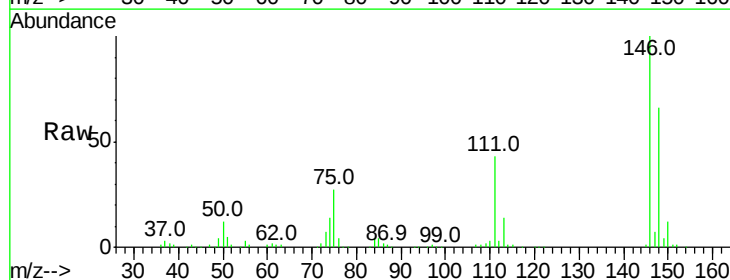
Tgt Ion:146 Resp: 295956

Ion Ratio Lower Upper

146 100

148 65.8 50.4 75.6

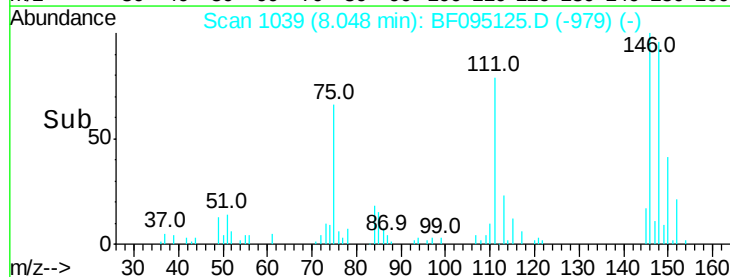
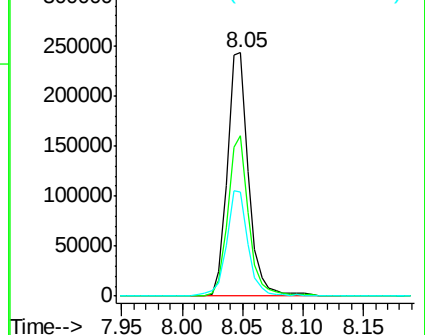
111 42.8 38.2 57.4

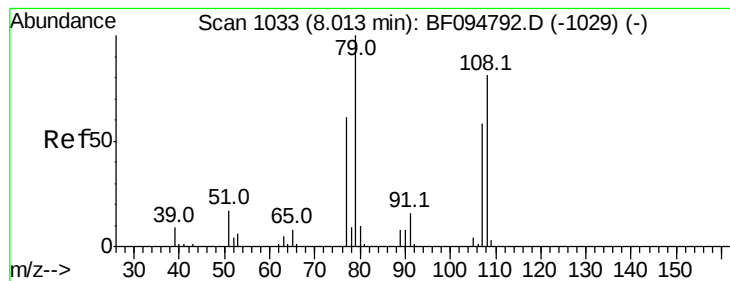


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.54 ng

RT: 8.07 min Scan# 1043

Delta R.T. 0.06 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampled :

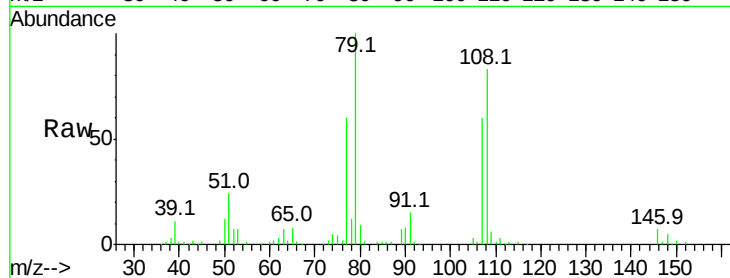
Tot Ion: 79 Resp: 226221

Ion Ratio Lower Upper

79 100

108 83.2 63.4 95.0

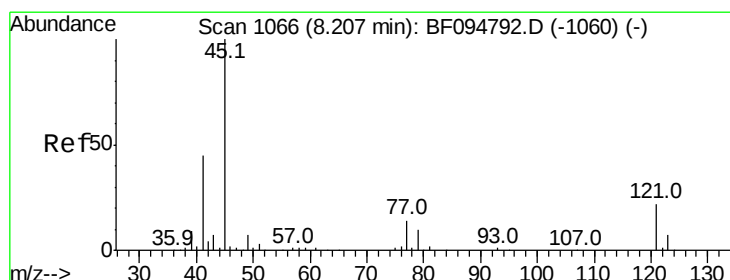
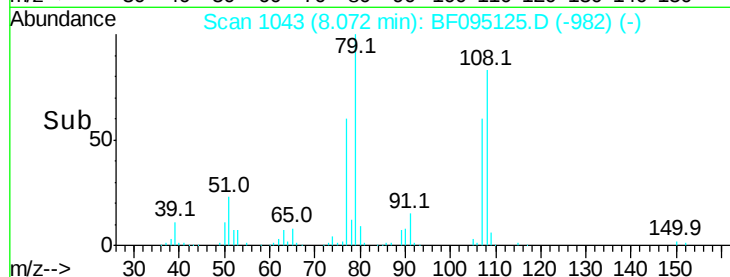
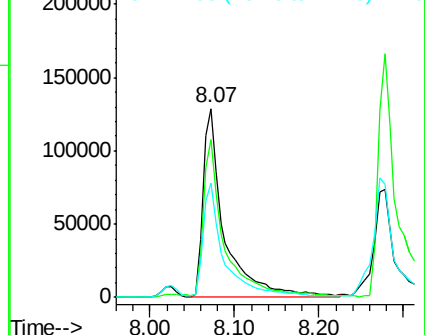
77 60.4 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.16 ng

RT: 8.27 min Scan# 1076

Delta R.T. 0.06 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

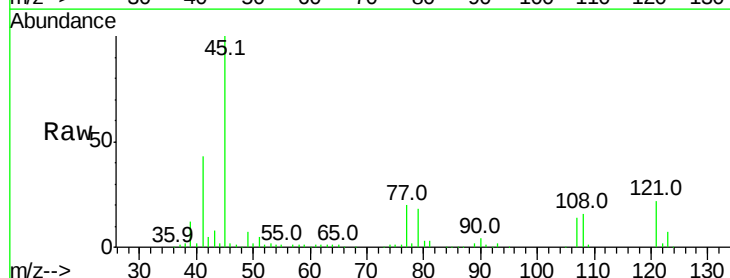
Tgt Ion: 45 Resp: 334771

Ion Ratio Lower Upper

45 100

77 20.4 0.0 33.2

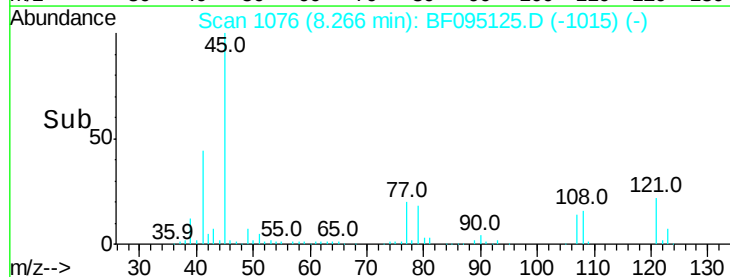
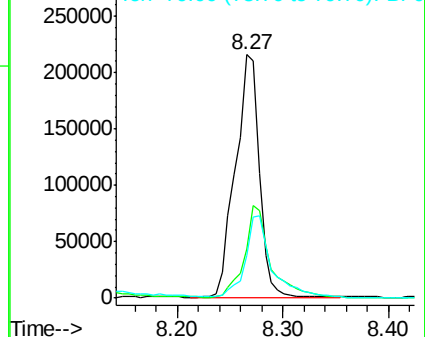
79 17.6 0.0 30.0

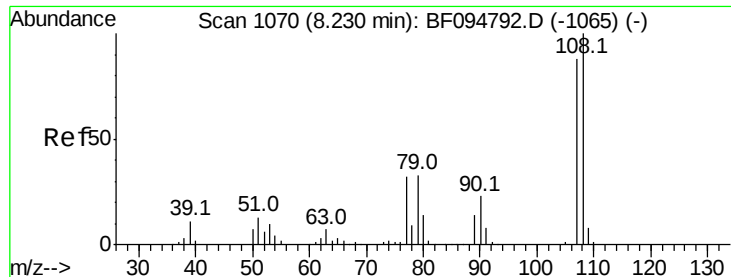


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

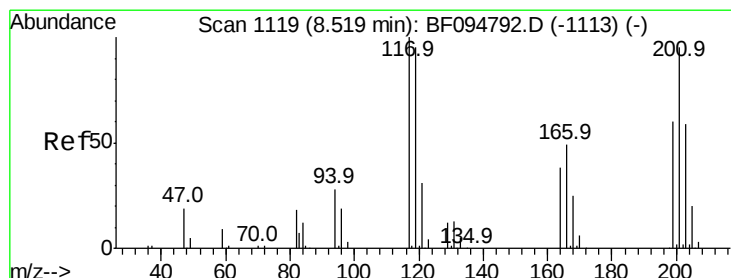
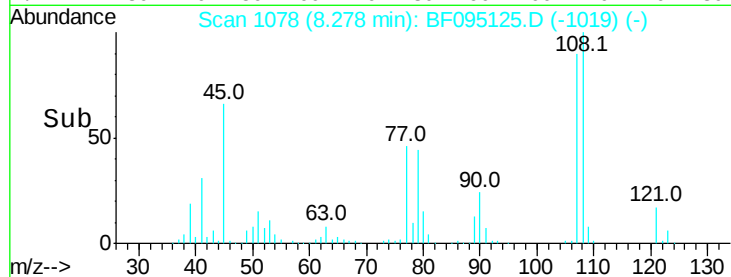
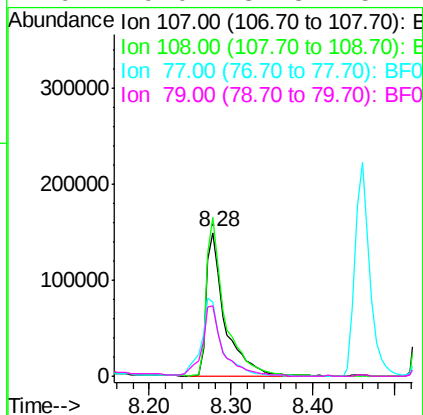
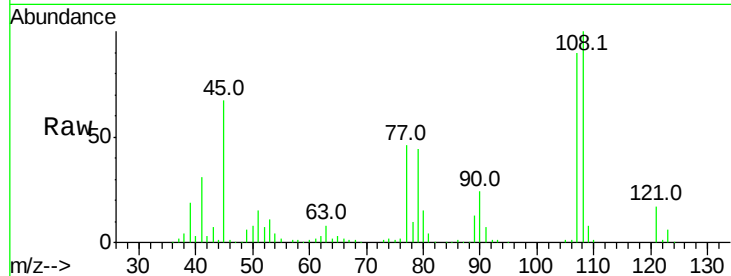




#17
 2-Methylphenol
 Concen: 47.08 ng
 RT: 8.28 min Scan# 1078
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

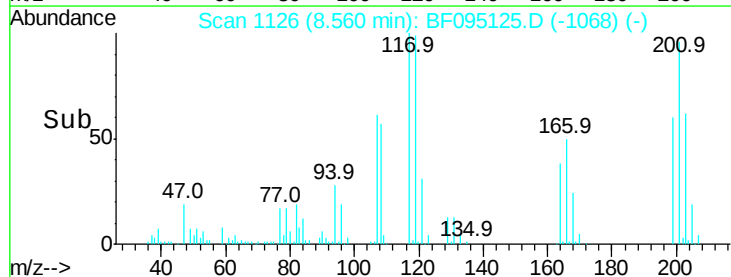
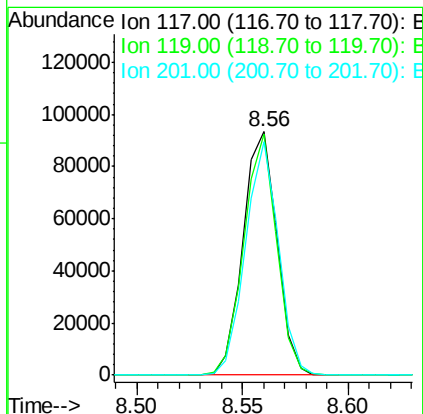
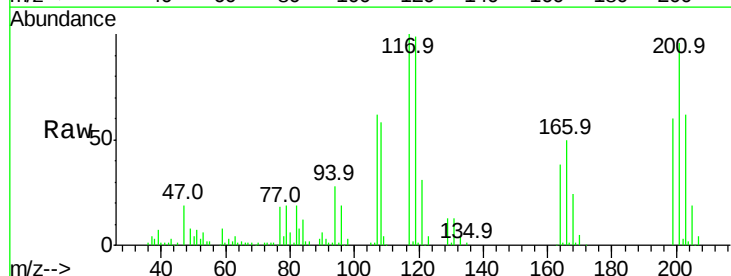
Instrument :
 BNA_F
 ClientSampleId :

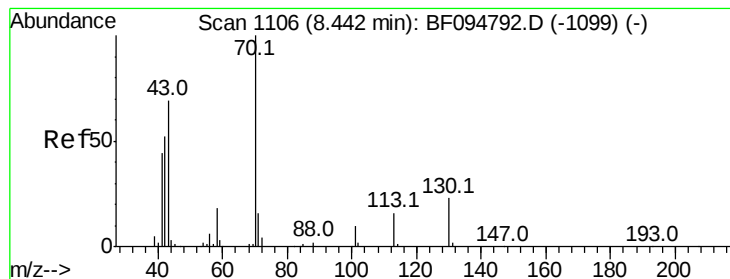
Tot Ion:	107	Resp:	235695
Ion	Ratio	Lower	Upper
107	100		
108	111.0	93.4	140.0
77	51.5	35.8	53.6
79	49.0	34.8	52.2



#18
 Hexachloroethane
 Concen: 43.84 ng
 RT: 8.56 min Scan# 1126
 Delta R.T. 0.04 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion:	117	Resp:	104520
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.4	116.0
201	96.1	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.02 ng

RT: 8.49 min Scan# 1114

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 191982

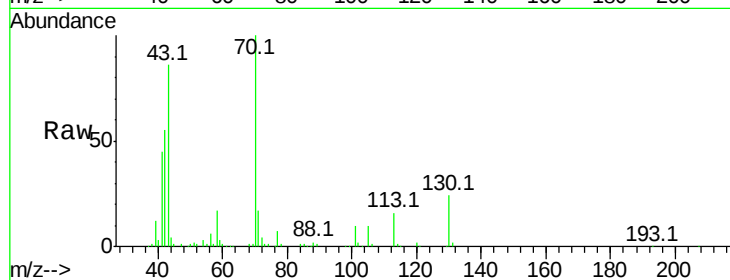
Ion Ratio Lower Upper

70 100

42 55.2 47.2 70.8

101 10.4 7.2 10.8

130 23.9 15.9 23.9

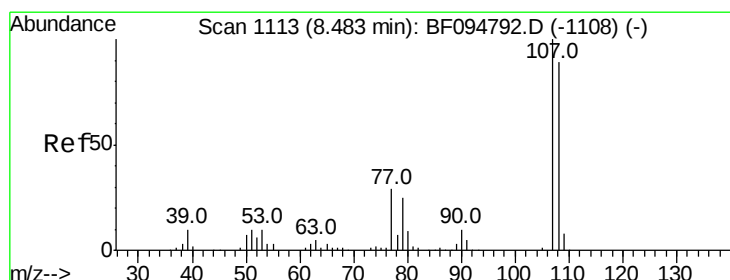
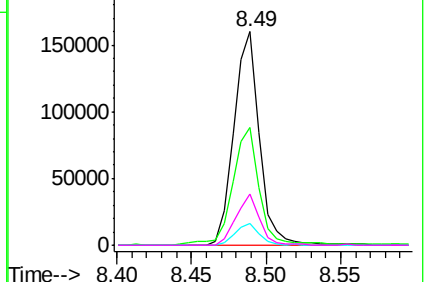
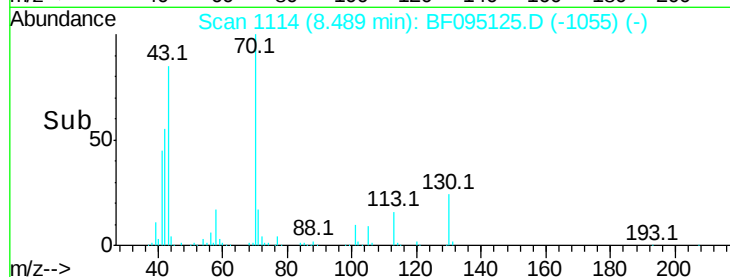


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 45.03 ng

RT: 8.53 min Scan# 1121

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Tgt Ion: 107 Resp: 306328

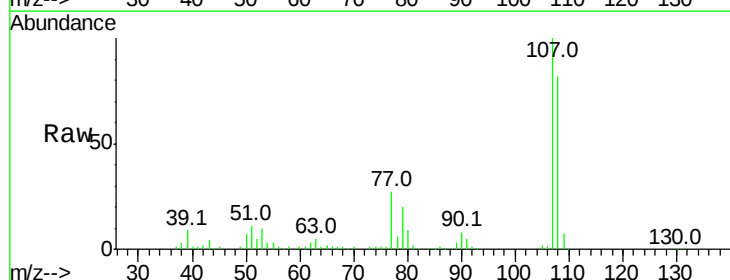
Ion Ratio Lower Upper

107 100

108 81.9 71.0 111.0

77 27.1 90.5 130.5#

79 19.9 8.4 48.4

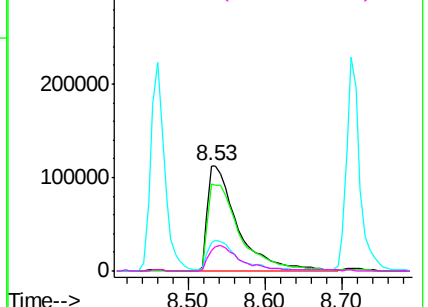
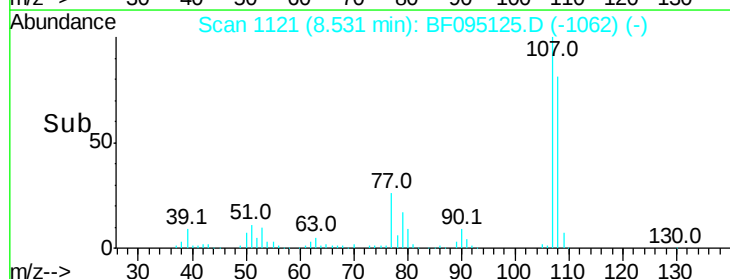


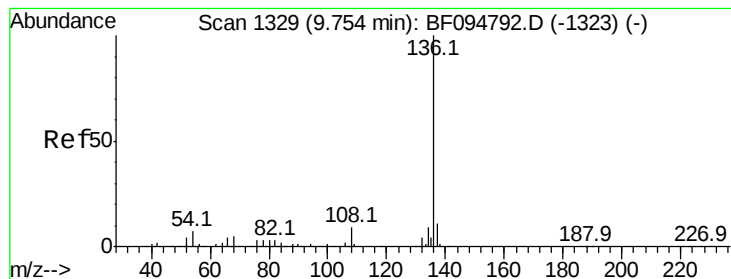
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 363680

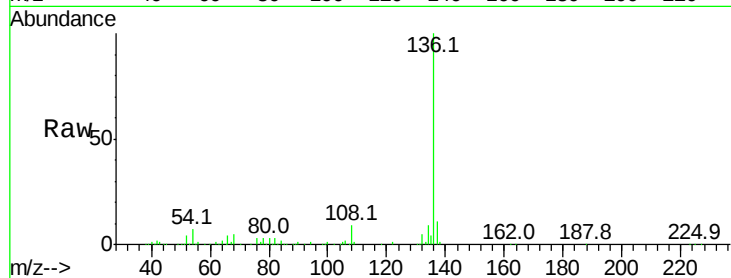
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.4 4.1 6.1

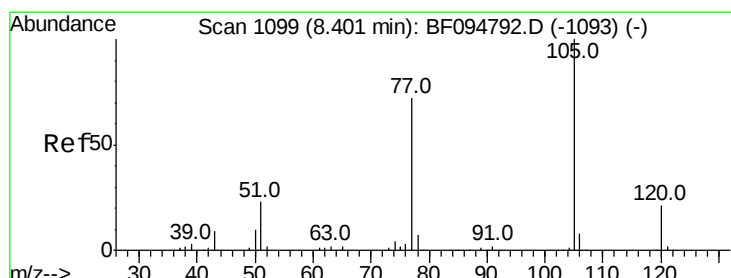
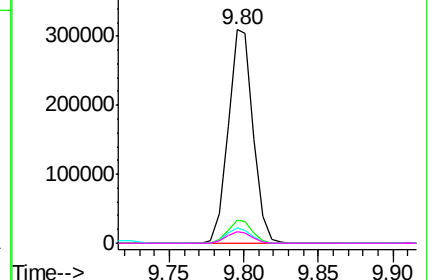
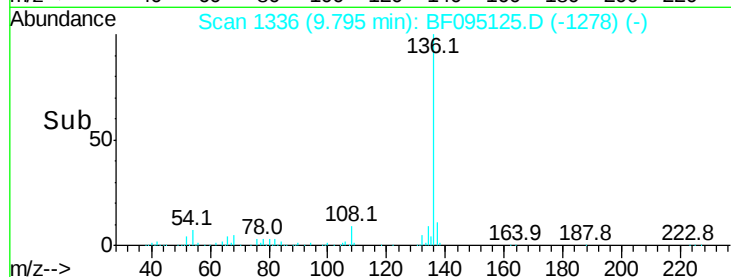


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.64 ng

RT: 8.46 min Scan# 1109

Delta R.T. 0.06 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Tgt Ion:105 Resp: 389489

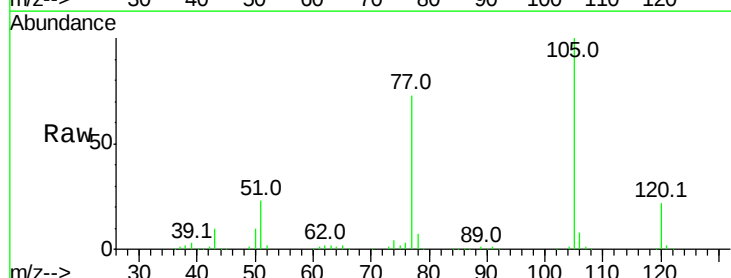
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.3 30.7 46.1#

120 21.8 17.4 26.0

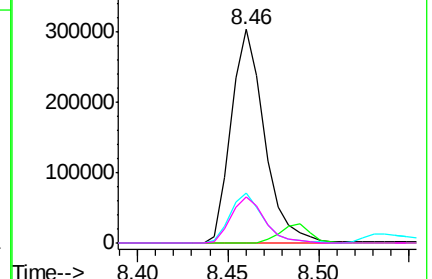
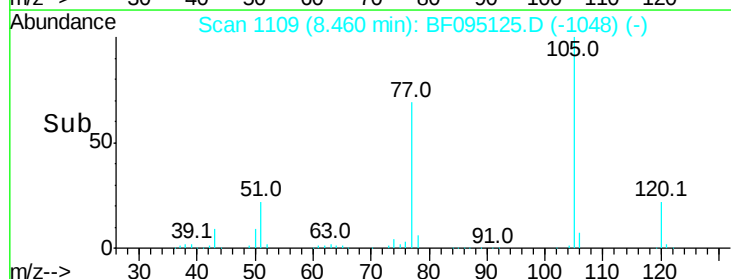


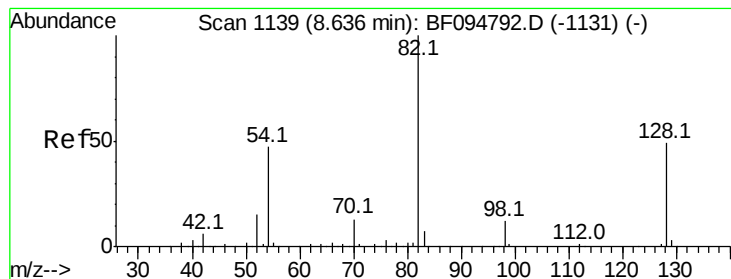
Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.58 ng

RT: 8.69 min Scan# 1148

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

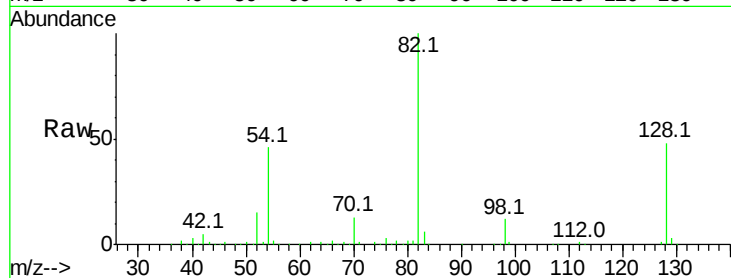
Tot Ion: 82 Resp: 533961

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

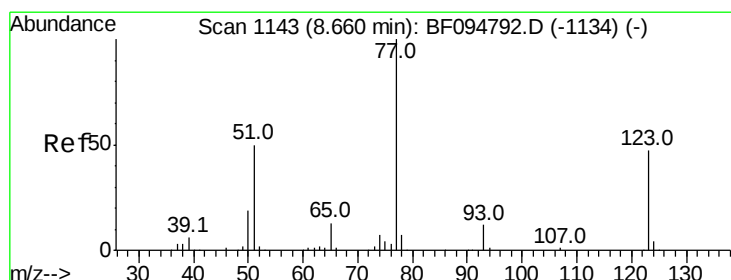
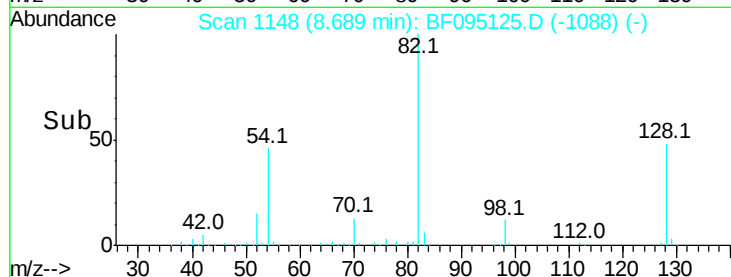
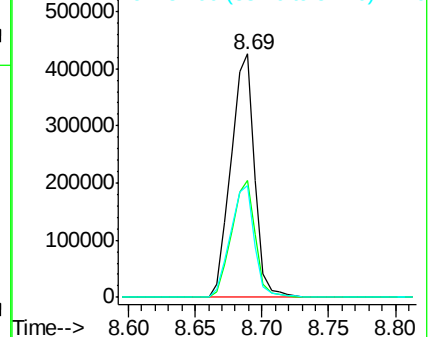
54 45.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 45.27 ng

RT: 8.71 min Scan# 1152

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

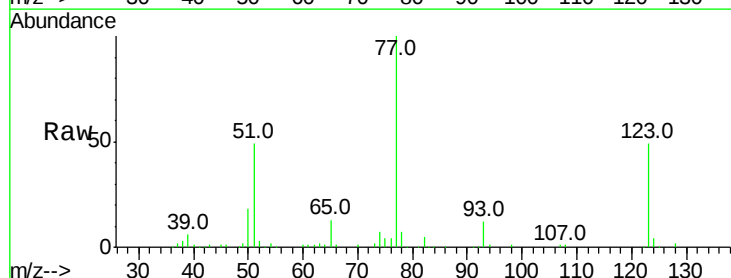
Tgt Ion: 77 Resp: 273660

Ion Ratio Lower Upper

77 100

123 49.1 35.8 53.8

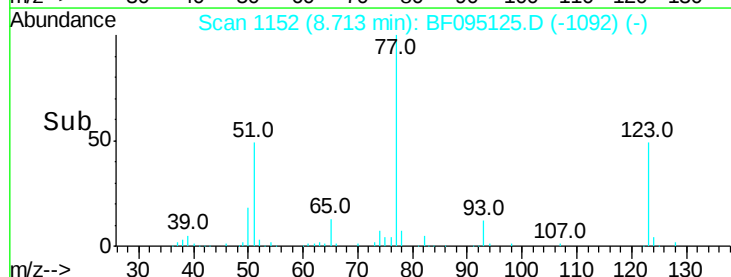
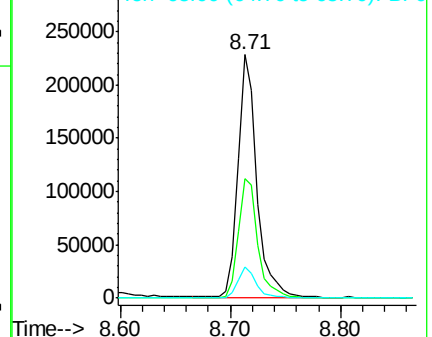
65 12.7 10.6 15.8

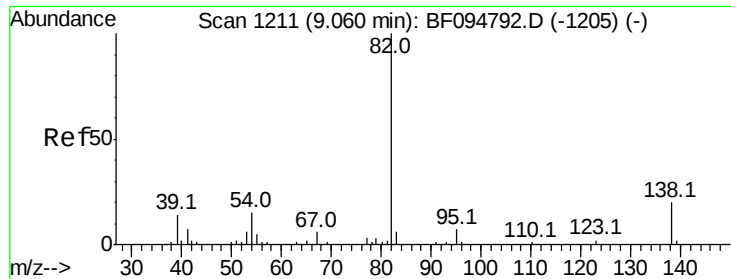


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

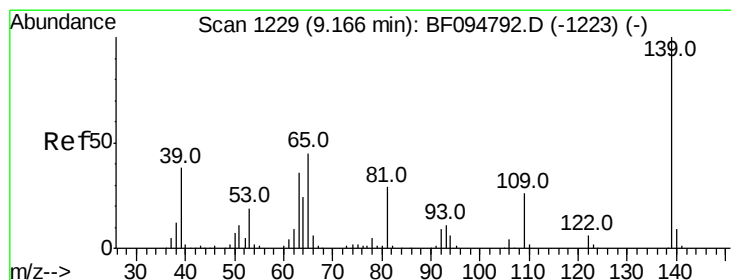
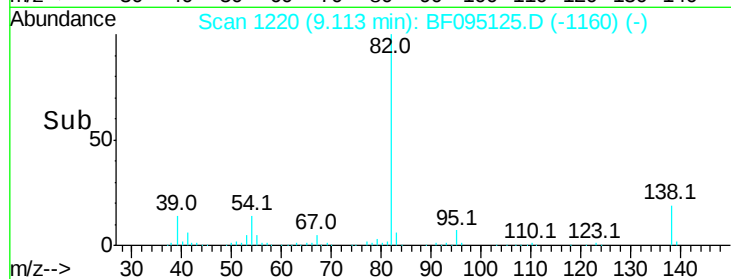
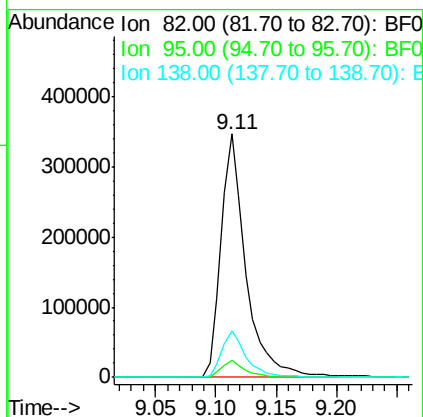
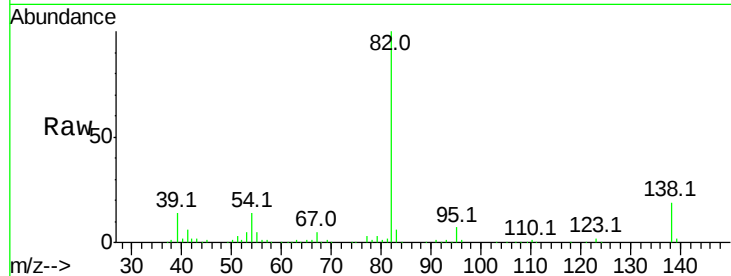




#25
Isophorone
Concen: 47.99 ng
RT: 9.11 min Scan# 1220
Delta R.T. 0.05 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

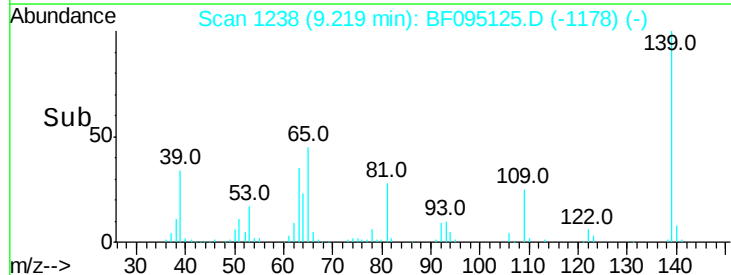
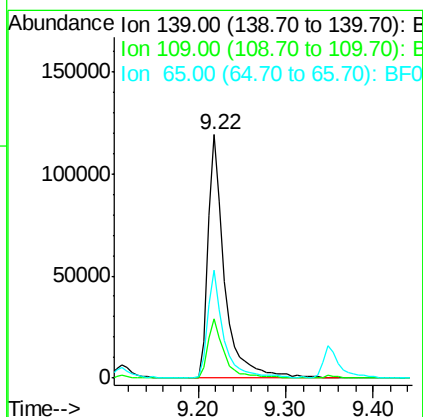
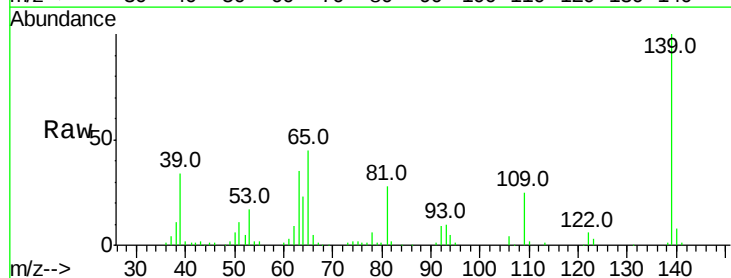
Instrument :
BNA_F
ClientSampleId :

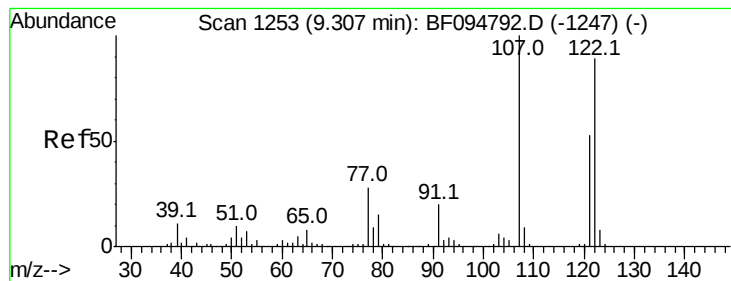
Tot Ion: 82 Resp: 494227
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 19.3 13.1 19.7



#26
2-Nitrophenol
Concen: 47.95 ng
RT: 9.22 min Scan# 1238
Delta R.T. 0.05 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Tgt Ion:139 Resp: 156394
Ion Ratio Lower Upper
139 100
109 24.5 21.0 31.6
65 44.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 47.74 ng

RT: 9.35 min Scan# 1260

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampled :

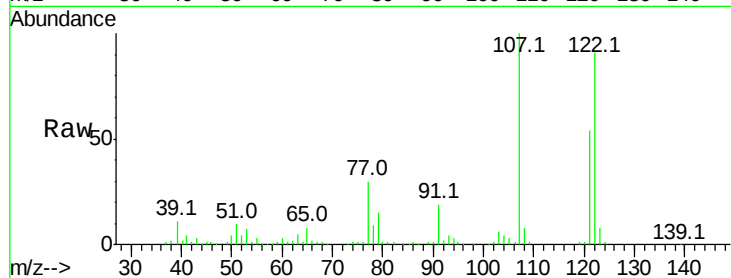
Tot Ion:122 Resp: 251777

Ion Ratio Lower Upper

122 100

107 109.7 89.2 133.8

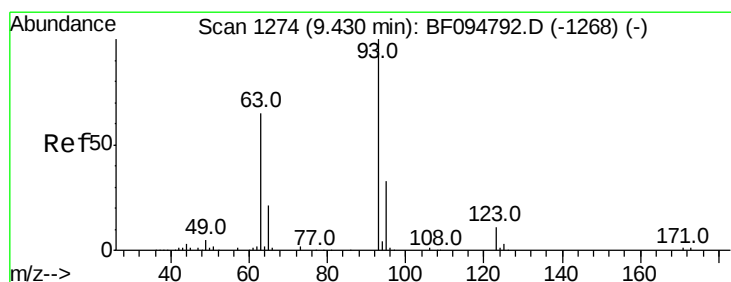
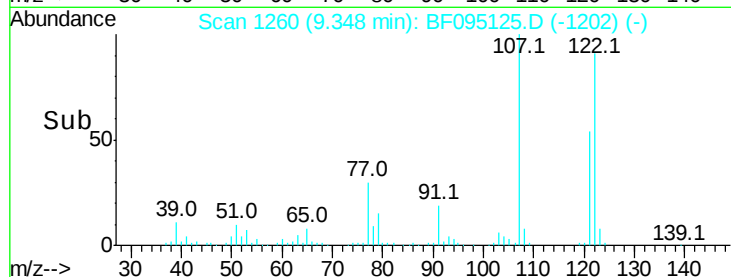
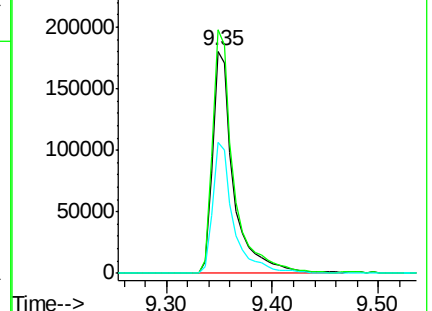
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.51 ng

RT: 9.48 min Scan# 1282

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

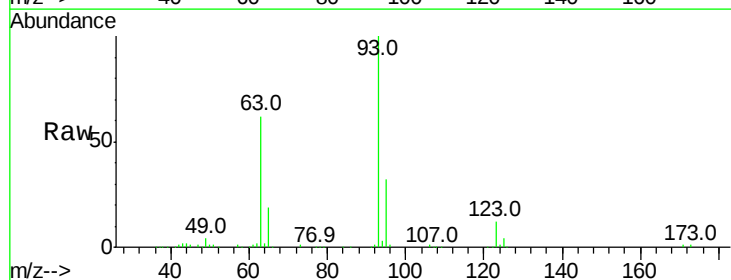
Tgt Ion: 93 Resp: 310003

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

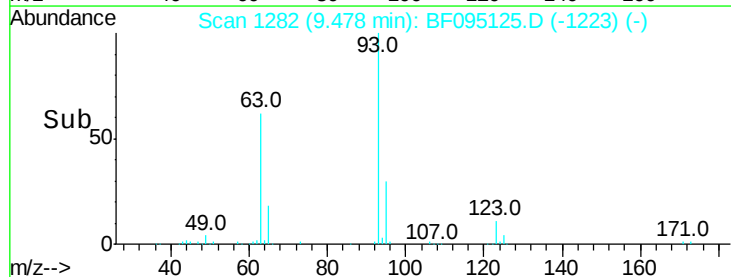
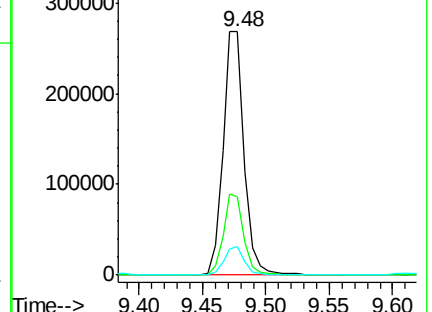
123 11.7 9.0 13.4

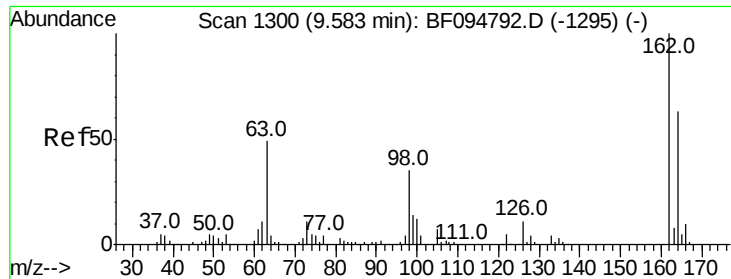


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

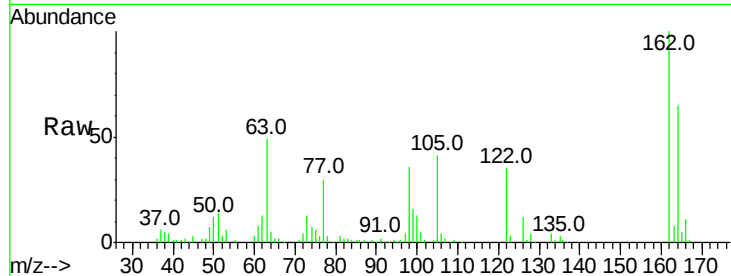




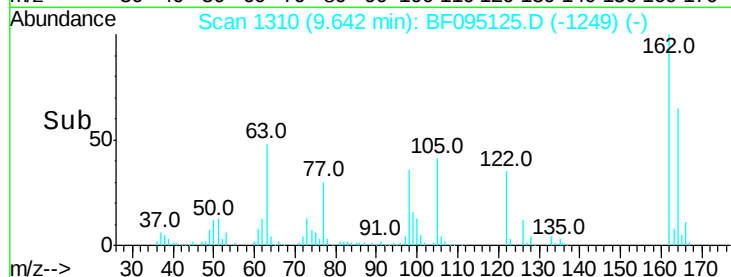
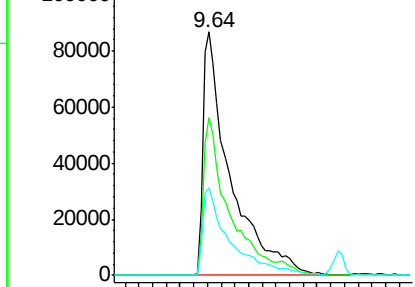
#29
 2,4-Dichlorophenol
 Concen: 48.41 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. 0.06 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	36.0	14.8	54.8

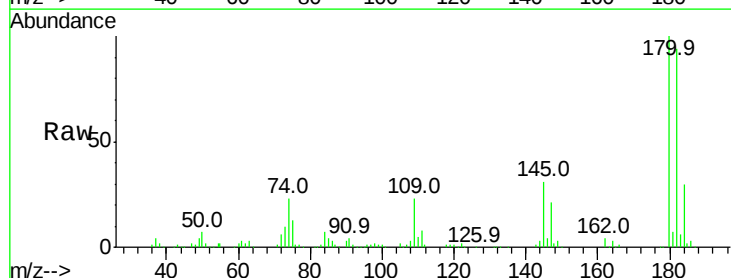


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

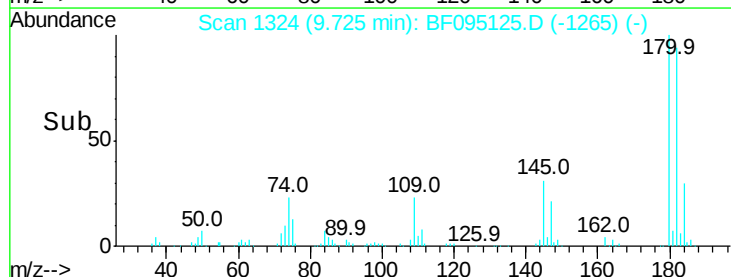
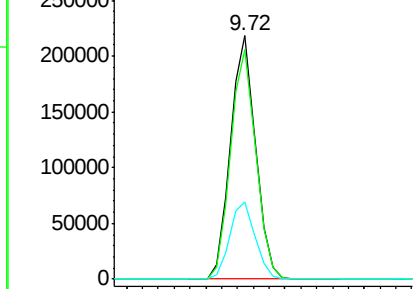


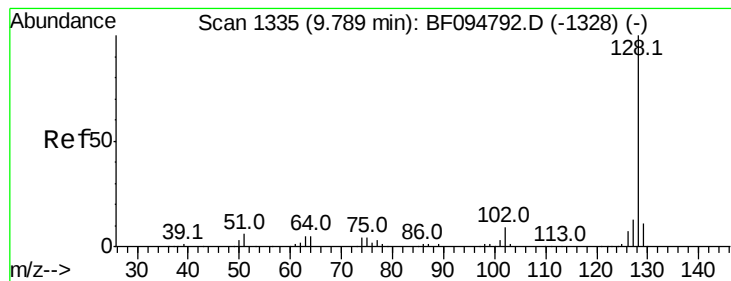
#30
 1,2,4-Trichlorobenzene
 Concen: 44.83 ng
 RT: 9.72 min Scan# 1324
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	31.5	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: 43.33 ng

RT: 9.83 min Scan# 1342

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

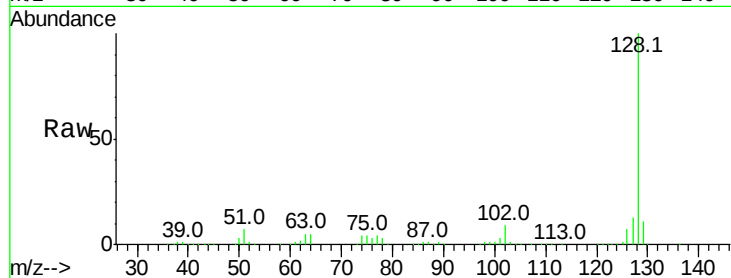
Tot Ion:128 Resp: 791979

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

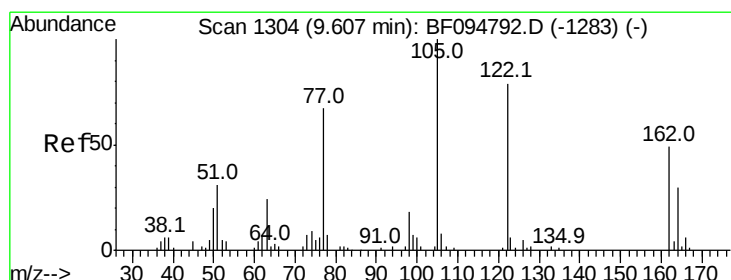
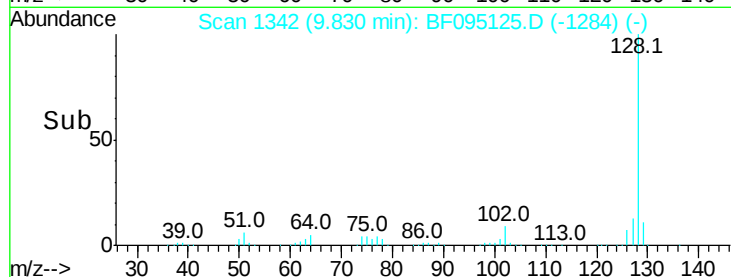
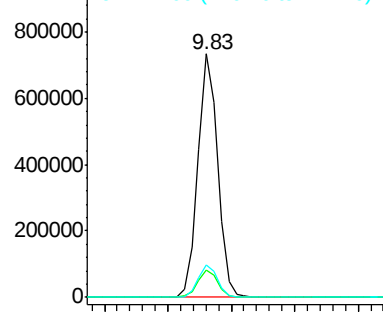
127 13.3 10.8 16.2



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: 36.63 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

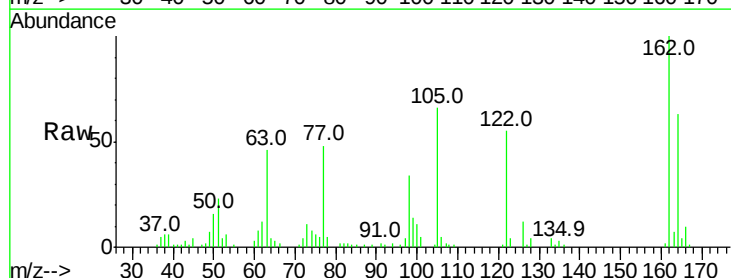
Tgt Ion:122 Resp: 122193

Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

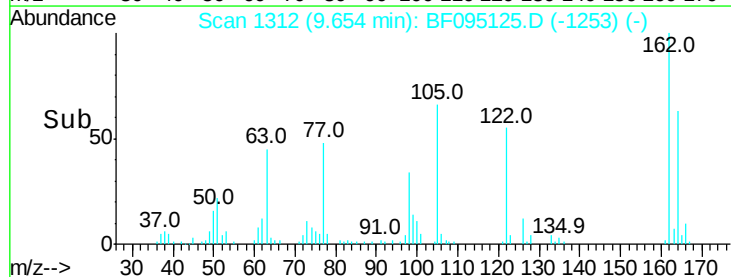
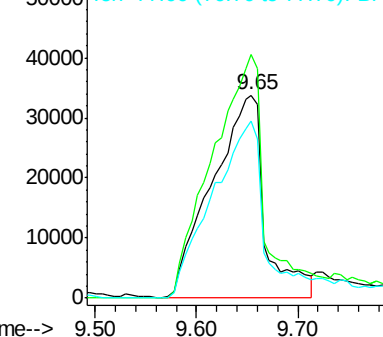
77 87.2 73.7 113.7

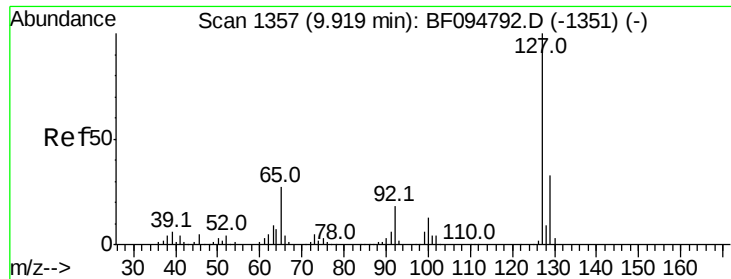


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

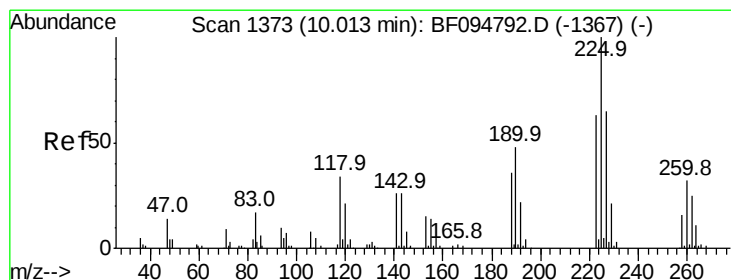
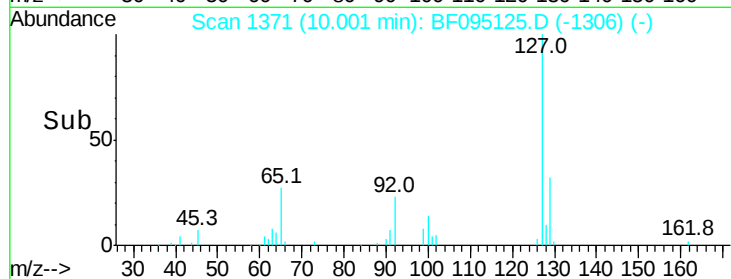
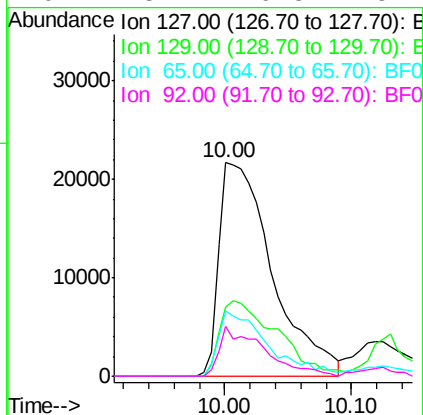
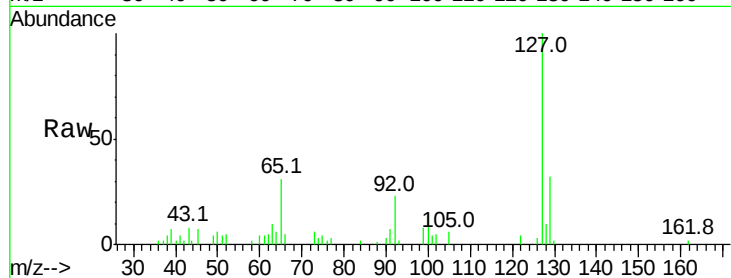




#33
4-Chloroaniline
Concen: 9.37 ng
RT: 10.00 min Scan# 1371
Delta R.T. 0.08 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

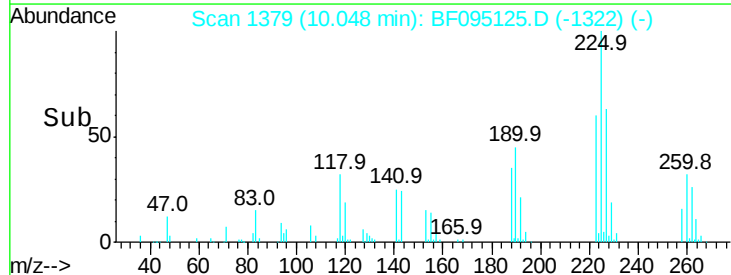
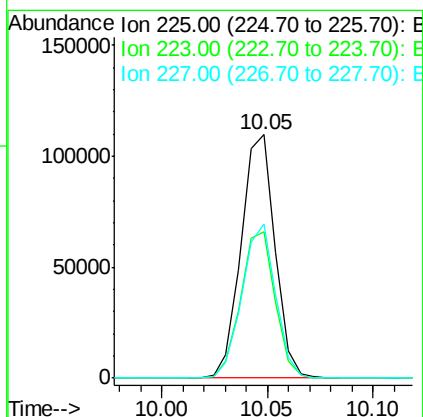
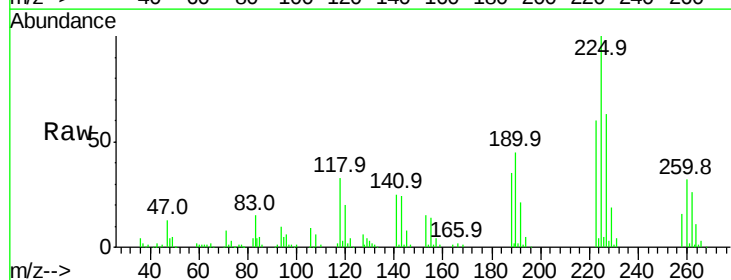
Instrument :
BNA_F
ClientSampleId :

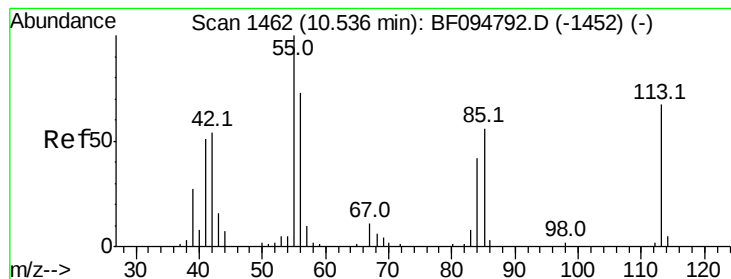
Tot Ion:	127	Resp:	63854
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	30.8	27.8	41.8
92	23.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.36 ng
RT: 10.05 min Scan# 1379
Delta R.T. 0.04 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Tgt Ion:	225	Resp:	122049
Ion	Ratio	Lower	Upper
225	100		
223	60.1	48.8	73.2
227	63.4	51.1	76.7





#35

Caprolactam

Concen: 20.75 ng

RT: 10.61 min Scan# 1475

Delta R.T. 0.08 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

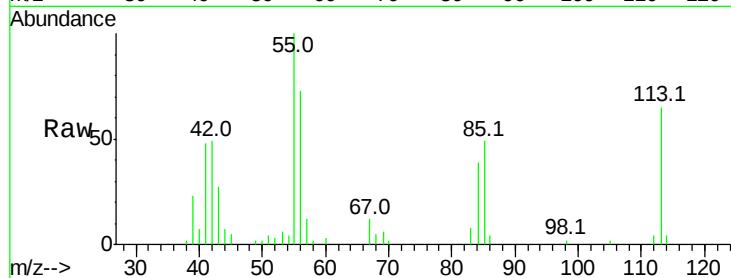
Tot Ion:113 Resp: 31032

Ion Ratio Lower Upper

113 100

55 154.5 150.2 190.2

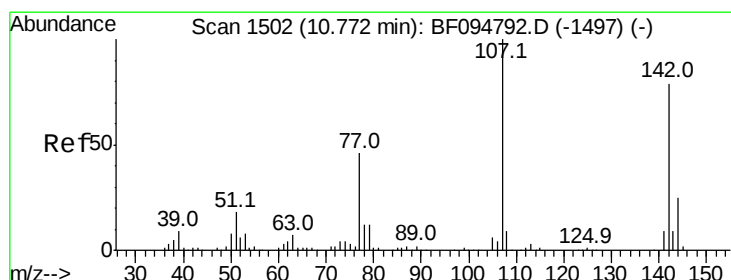
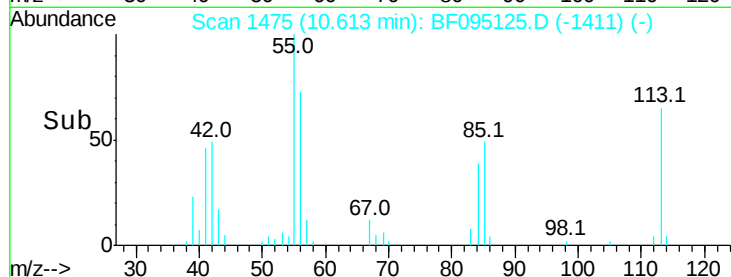
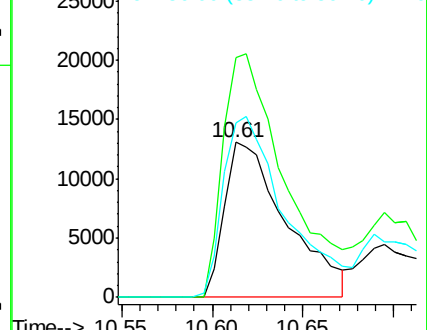
56 112.7 107.8 147.8



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



#36

4-Chloro-3-methylphenol

Concen: 44.32 ng

RT: 10.82 min Scan# 1511

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

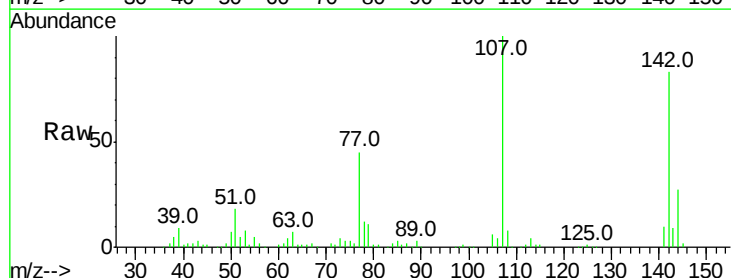
Tgt Ion:107 Resp: 235986

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

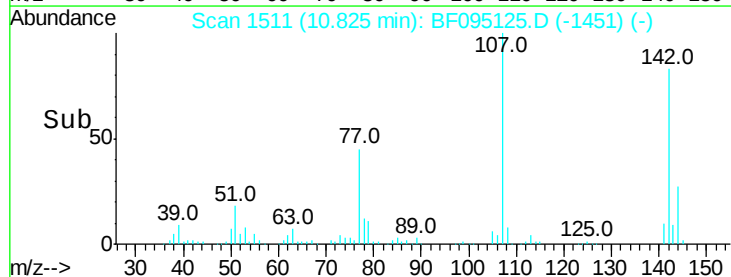
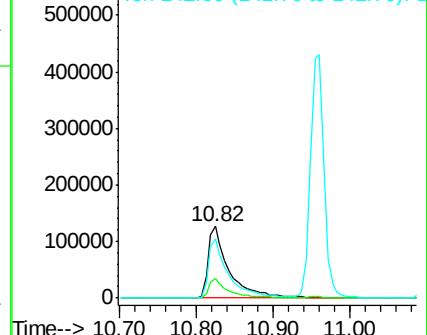
142 82.9 73.4 110.0

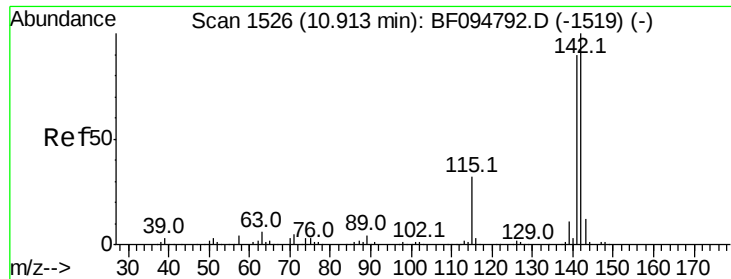


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

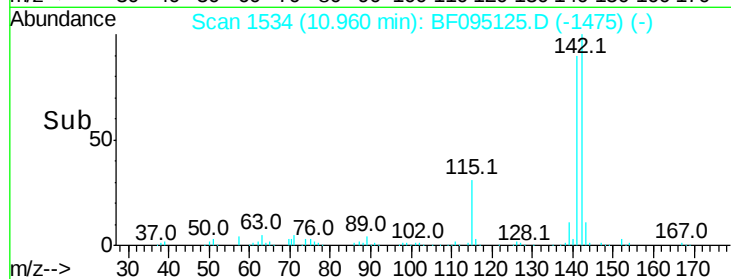
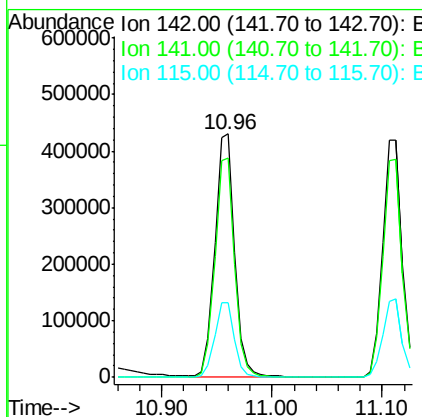
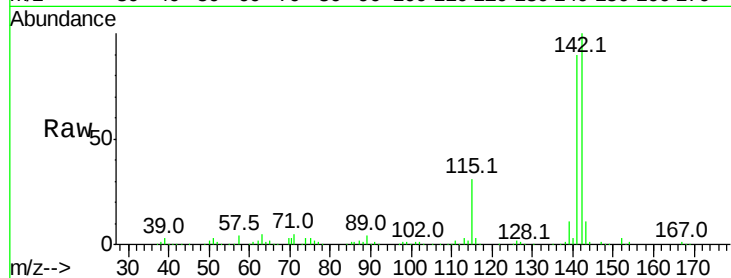




#37
 2-Methylnaphthalene
 Concen: 44.27 ng
 RT: 10.96 min Scan# 1534
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

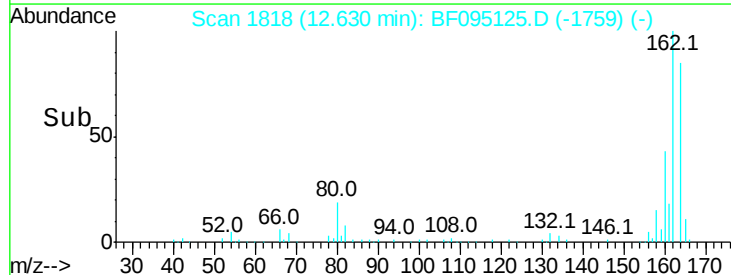
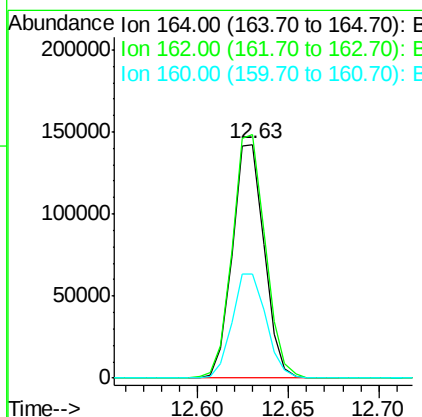
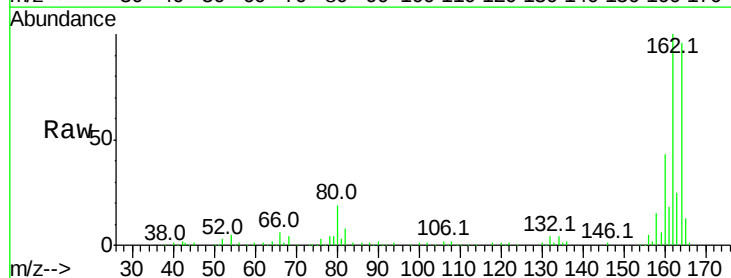
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 531110
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 30.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.63 min Scan# 1818
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion:164 Resp: 174555
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 44.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.85 ng

RT: 11.24 min Scan# 1581

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 224637

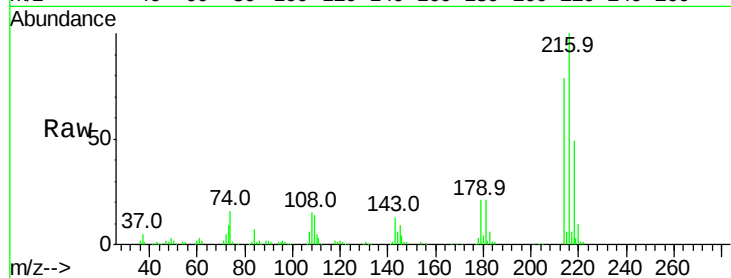
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.4 17.9 26.9

108 20.2 16.5 24.7

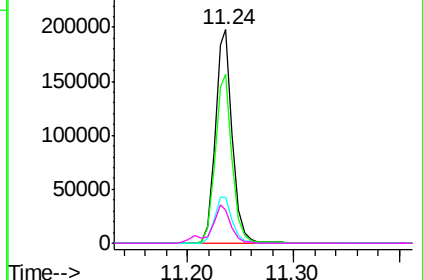
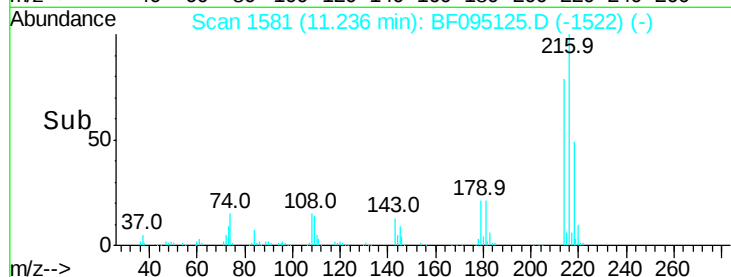


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.81 ng

RT: 11.21 min Scan# 1577

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

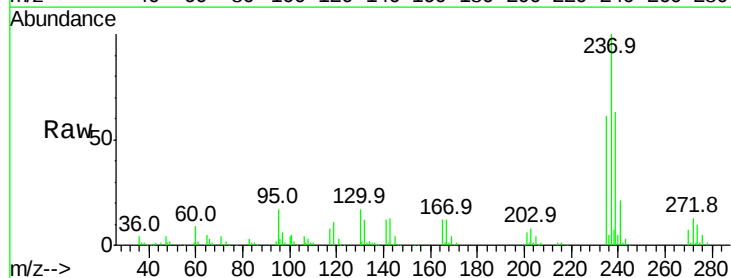
Tgt Ion:237 Resp: 184962

Ion Ratio Lower Upper

237 100

235 61.5 42.6 82.6

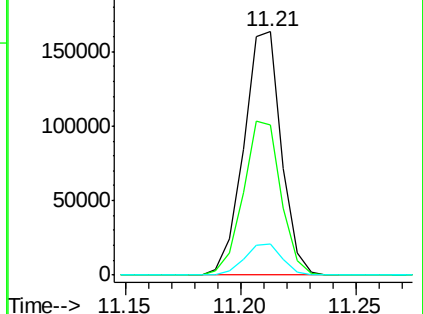
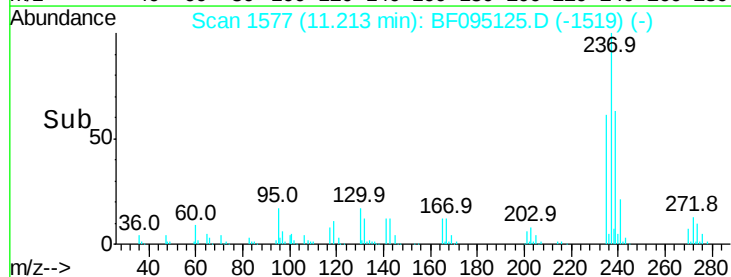
272 12.8 0.0 31.9



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

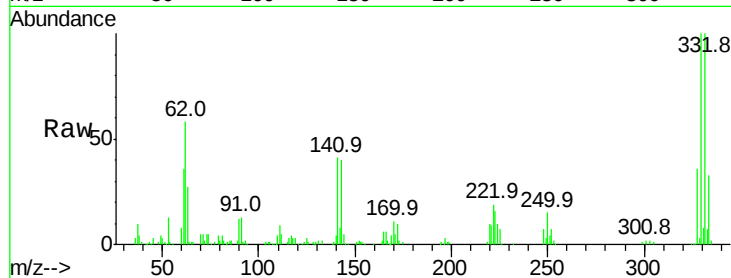




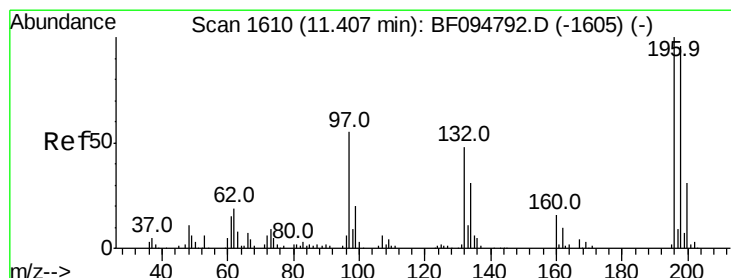
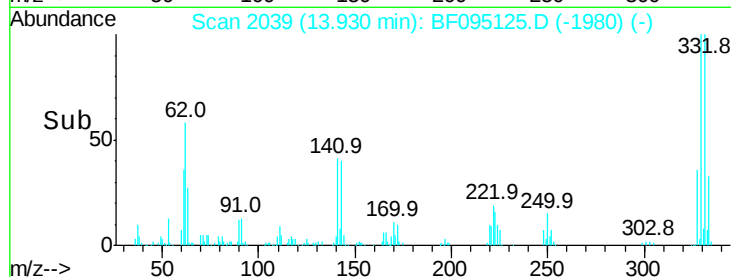
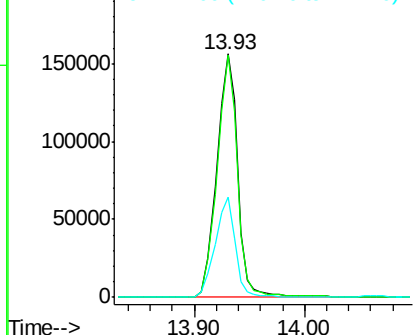
#41
 2,4,6-Tribromophenol
 Concen: 143.48 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.1	31.4	47.2

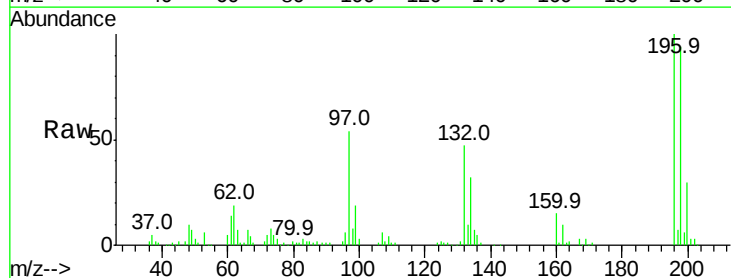


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

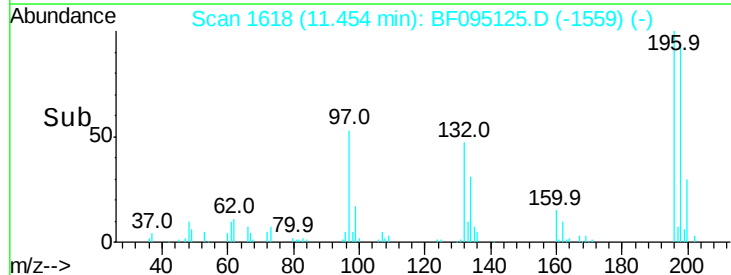
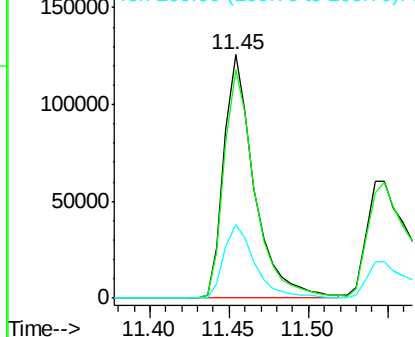


#42
 2,4,6-Trichlorophenol
 Concen: 46.65 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	74.2	111.4
200	30.2	24.0	36.0



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

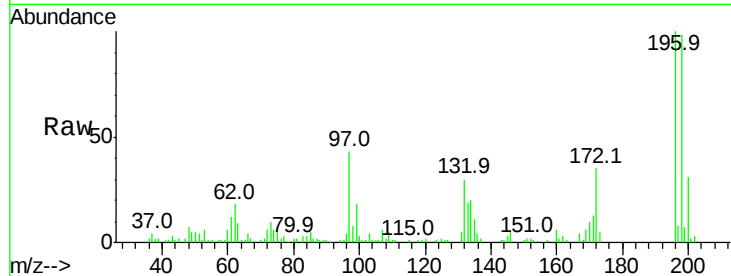




#43
 2,4,5-Trichlorophenol
 Concen: 39.50 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.06 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152158		
198	97.9	75.7	113.5	
97	42.7	47.7	71.5#	
132	30.1	28.0	42.0	



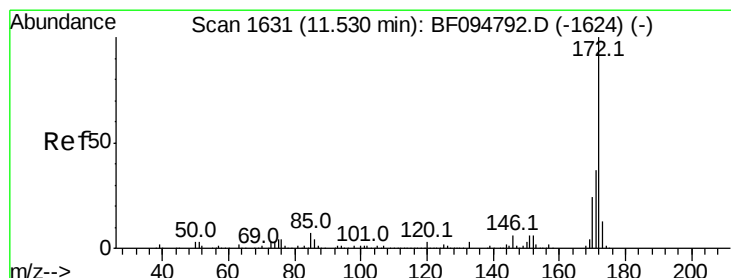
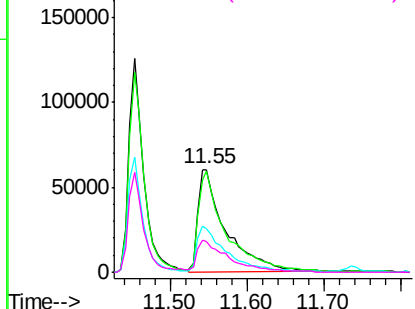
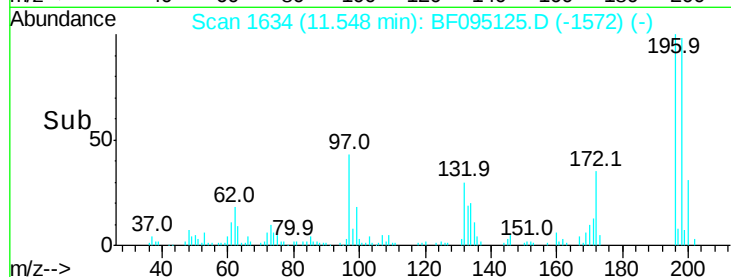
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

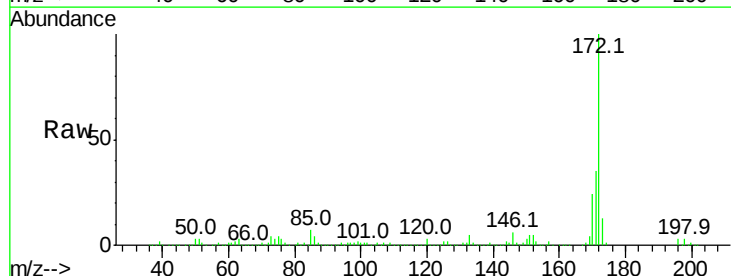
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.54 ng
 RT: 11.57 min Scan# 1638
 Delta R.T. 0.04 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1013182		
171	35.5	29.6	44.4	
170	23.9	19.8	29.8	

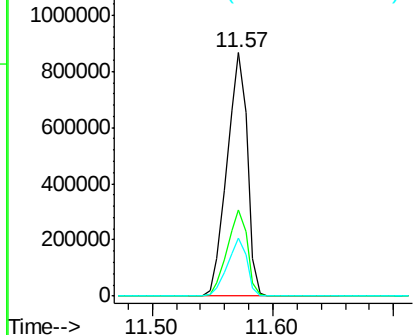
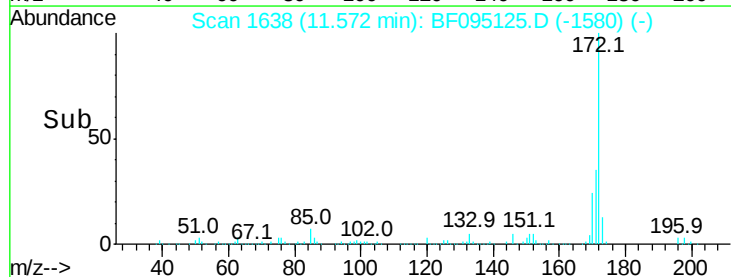


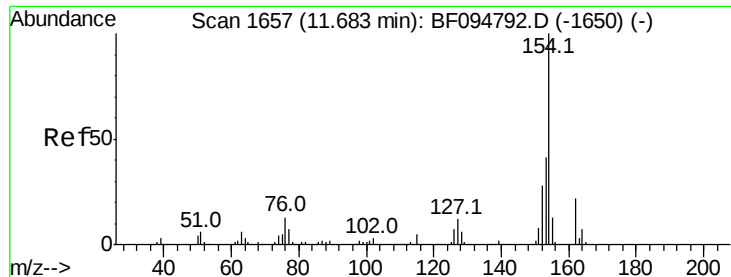
Abundance

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: 45.10 ng

RT: 11.72 min Scan# 1664

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

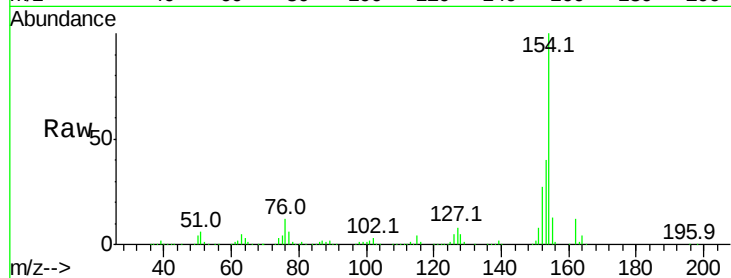
Tot Ion:154 Resp: 662878

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

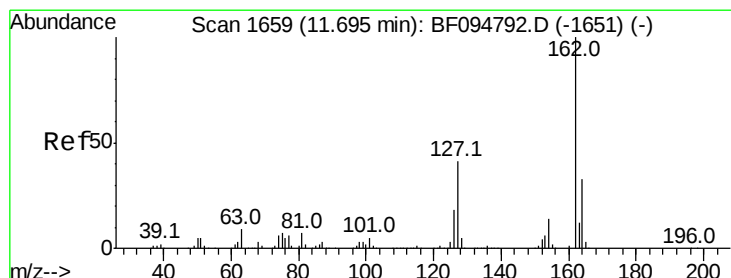
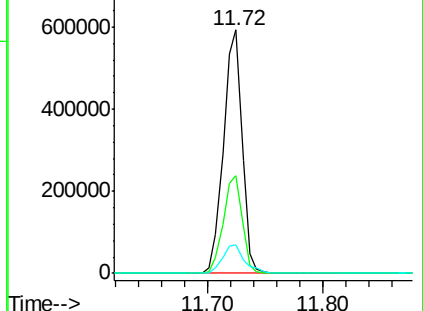
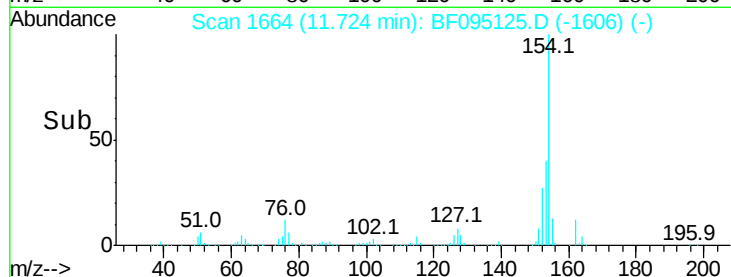
76 11.9 0.0 29.9



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: 43.76 ng

RT: 11.74 min Scan# 1667

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

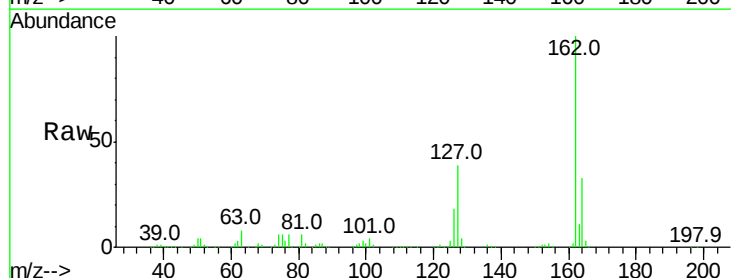
Tgt Ion:162 Resp: 519347

Ion Ratio Lower Upper

162 100

127 39.5 28.3 42.5

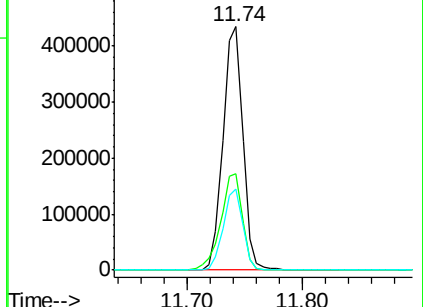
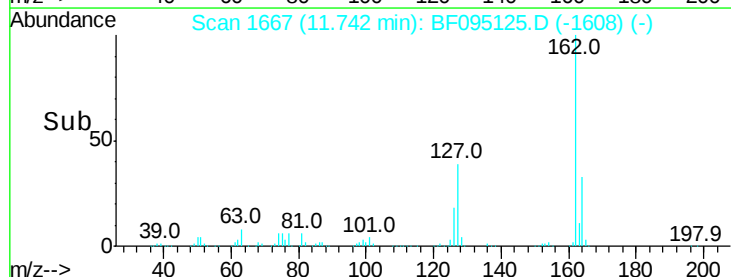
164 33.0 27.0 40.4

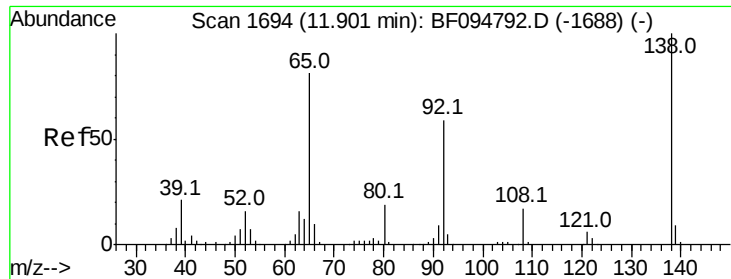


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

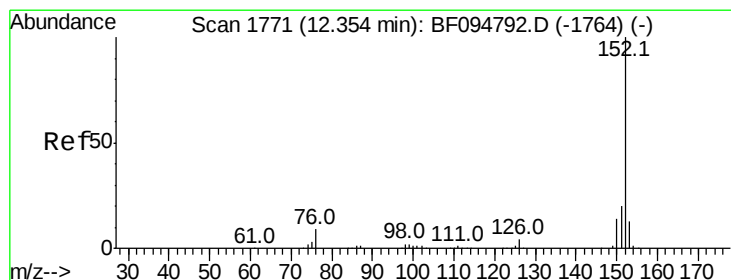
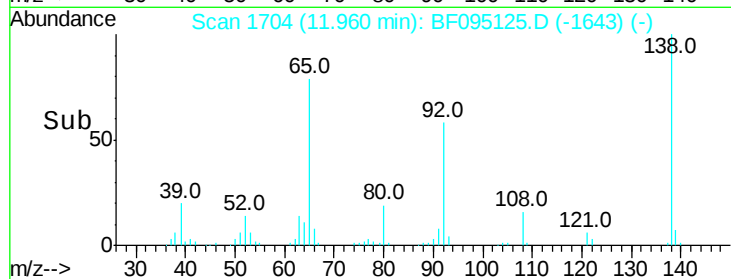
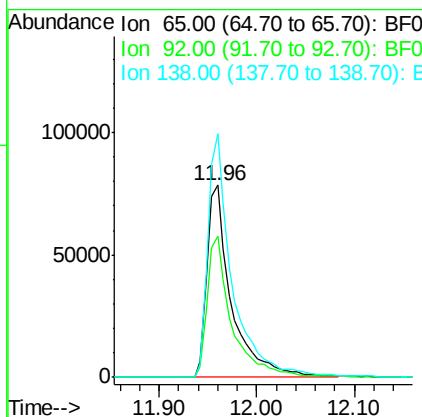
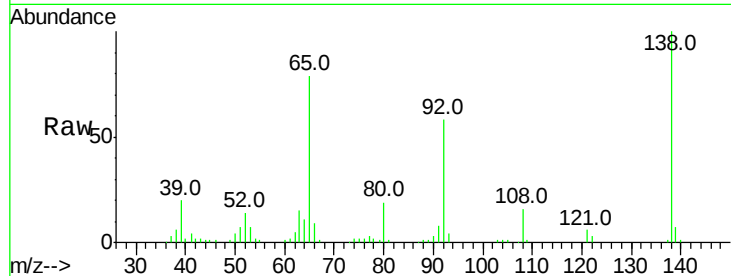




#47
 2-Nitroaniline
 Concen: 42.43 ng
 RT: 11.96 min Scan# 1704
 Delta R.T. 0.06 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

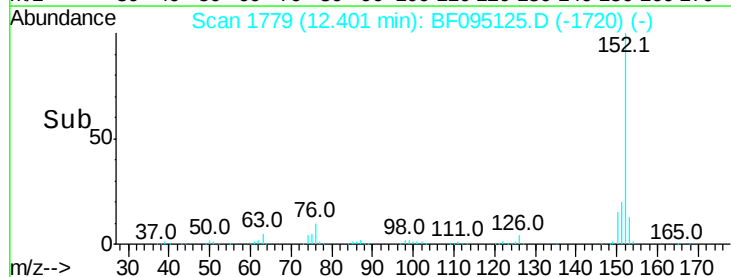
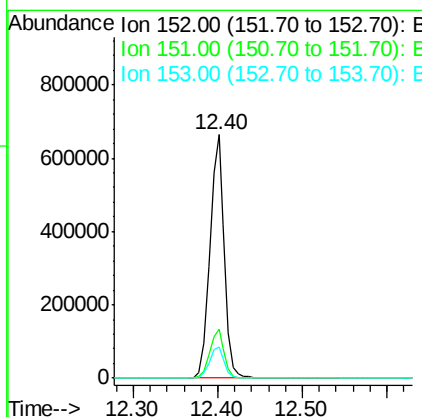
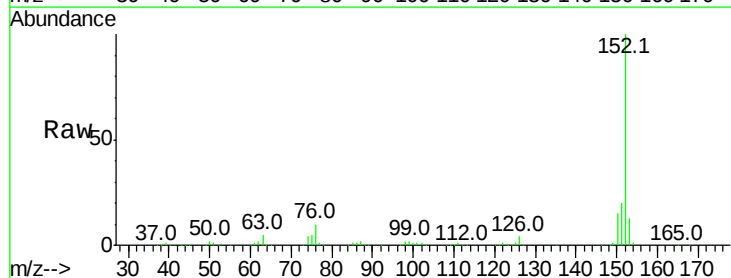
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 137800
 Ion Ratio Lower Upper
 65 100
 92 73.3 53.9 80.9
 138 126.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.65 ng
 RT: 12.40 min Scan# 1779
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion:152 Resp: 792688
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 42.97 ng

RT: 12.27 min Scan# 1757

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

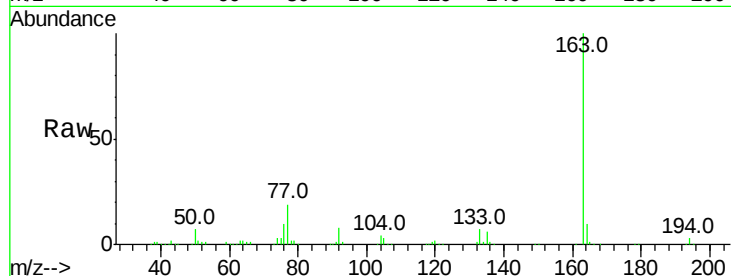
Tot Ion:163 Resp: 615767

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

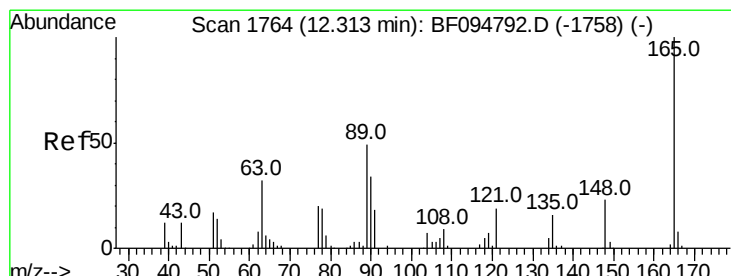
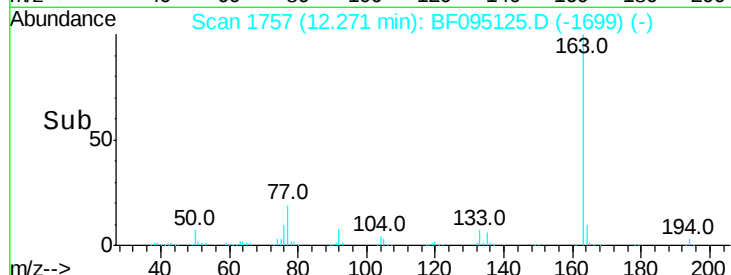
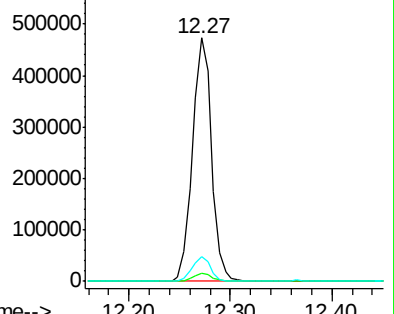
164 10.0 8.4 12.6



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: 43.49 ng

RT: 12.37 min Scan# 1773

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

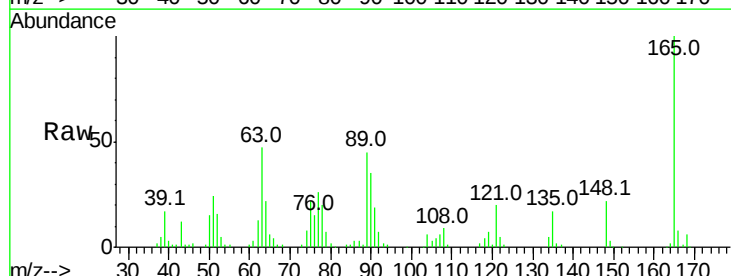
Tgt Ion:165 Resp: 127157

Ion Ratio Lower Upper

165 100

63 47.4 34.3 51.5

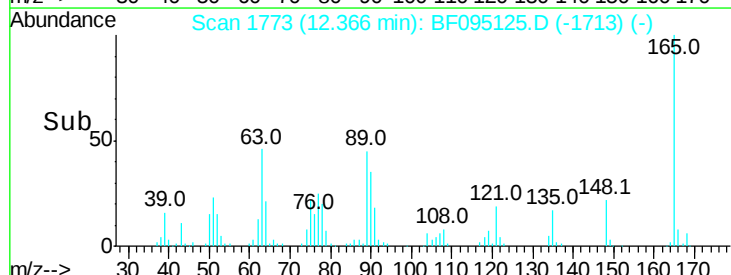
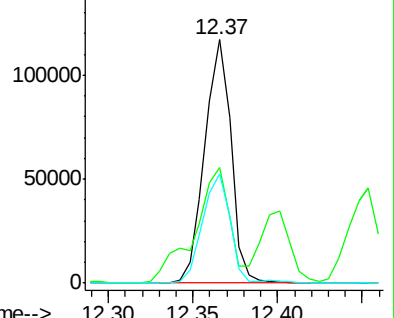
89 45.1 37.1 55.7



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: 42.99 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

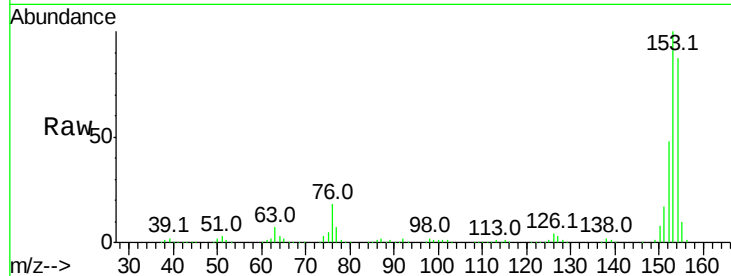
Tot Ion:154 Resp: 477222

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

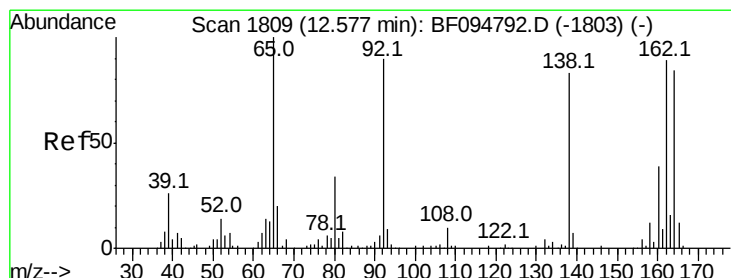
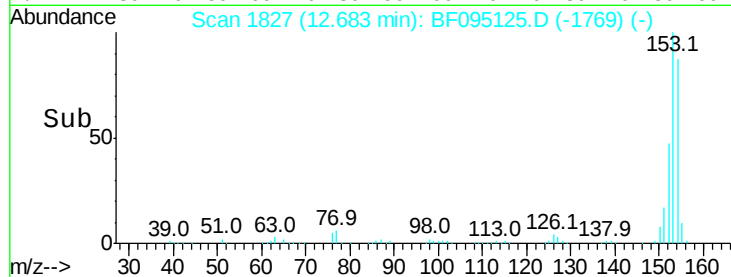
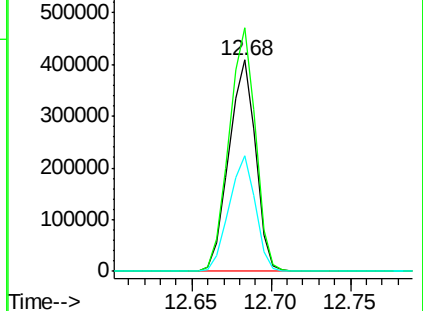
152 54.9 43.6 65.4



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: 21.52 ng

RT: 12.65 min Scan# 1821

Delta R.T. 0.07 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

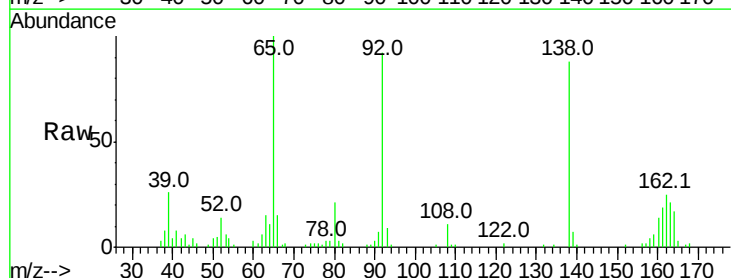
Tgt Ion:138 Resp: 67523

Ion Ratio Lower Upper

138 100

108 12.2 9.1 13.7

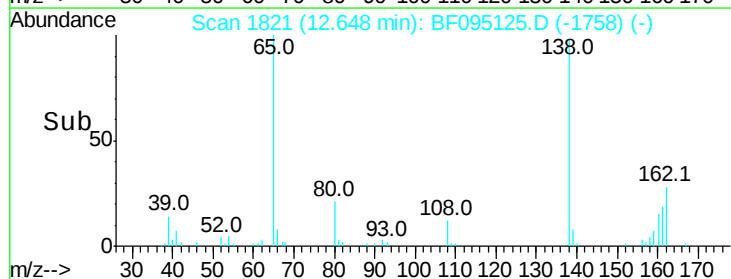
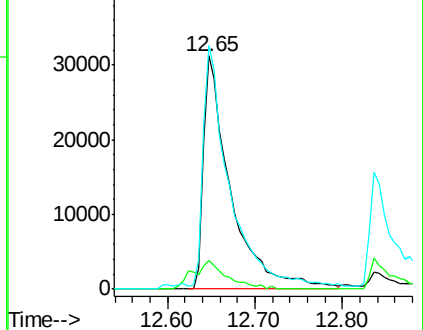
92 104.5 93.8 140.6

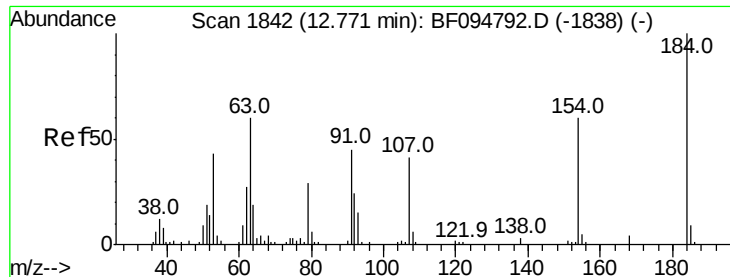


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 84.75 ng

RT: 12.84 min Scan# 1854

Delta R.T. 0.07 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

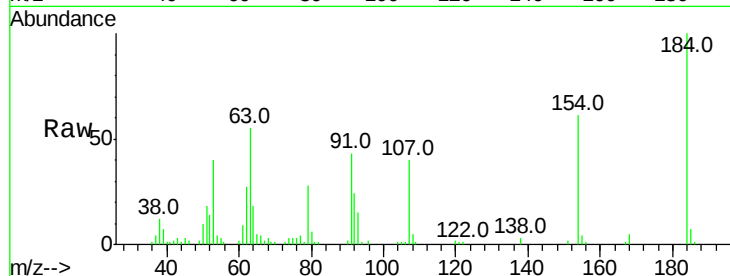
Tot Ion:184 Resp: 137106

Ion Ratio Lower Upper

184 100

63 55.0 62.7 94.1#

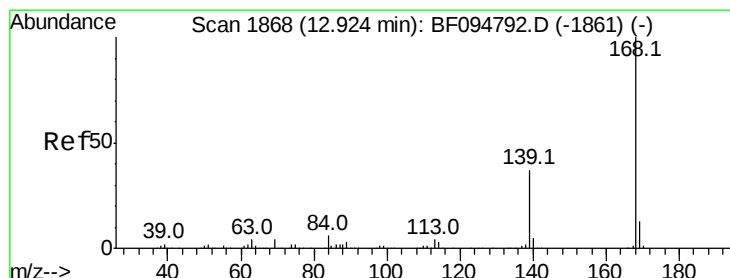
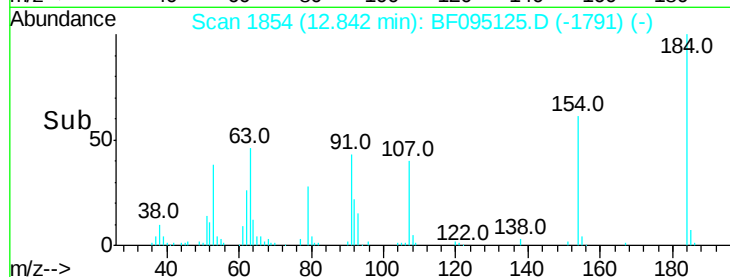
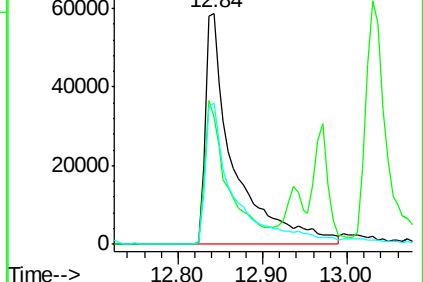
154 61.1 81.1 121.7#



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: 49.05 ng

RT: 12.97 min Scan# 1876

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

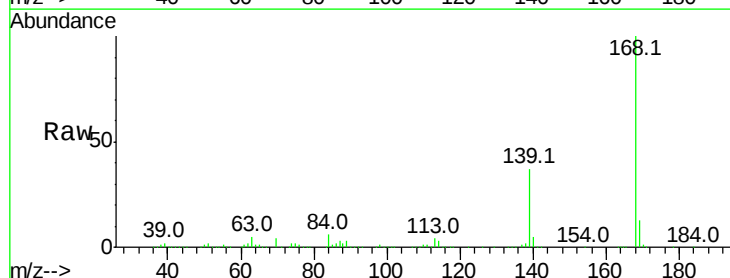
Tgt Ion:168 Resp: 753628

Ion Ratio Lower Upper

168 100

139 37.3 30.6 45.8

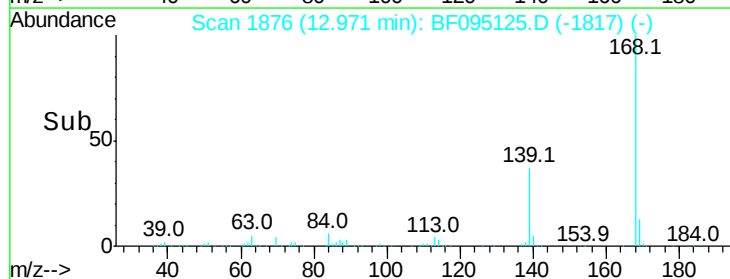
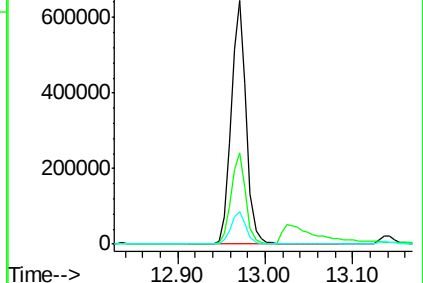
169 13.3 10.8 16.2



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

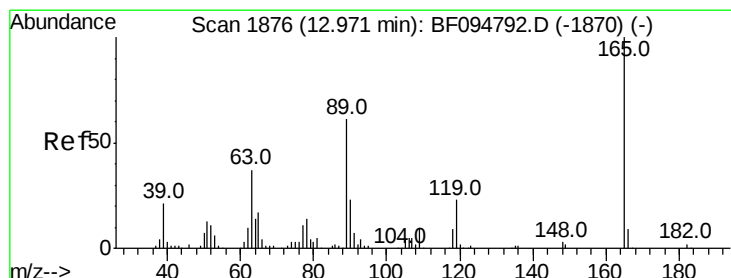
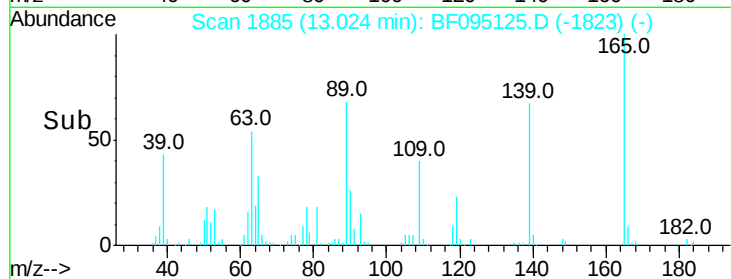
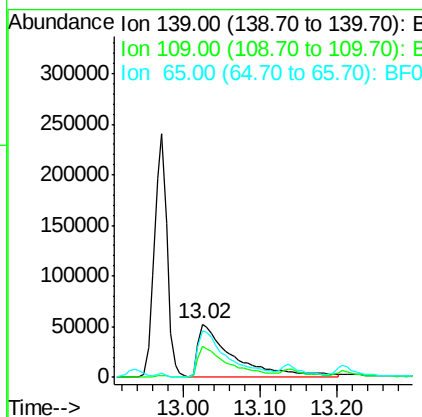
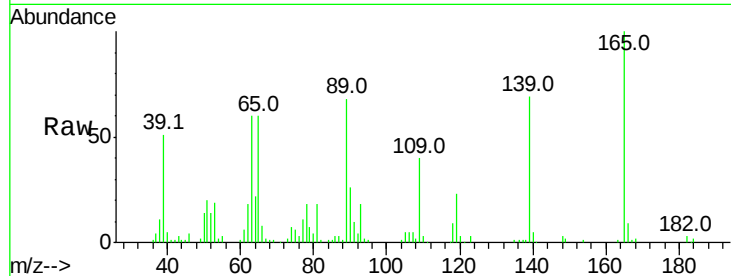




#55
4-Nitrophenol
Concen: 83.87 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.06 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

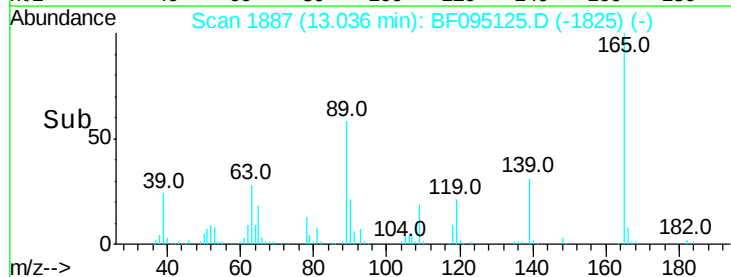
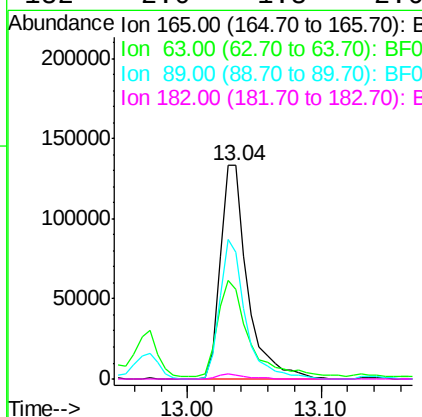
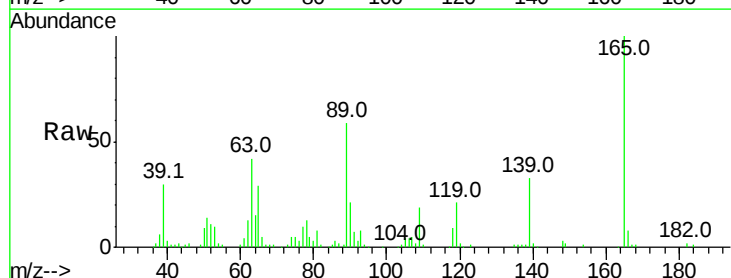
Instrument :
BNA_F
ClientSampled :

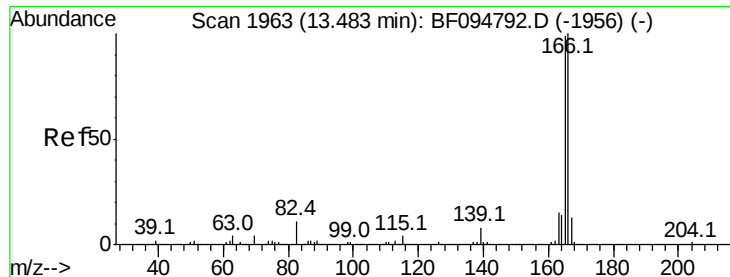
Tot Ion:139 Resp: 158068
Ion Ratio Lower Upper
139 100
109 58.3 34.1 74.1
65 87.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.75 ng
RT: 13.04 min Scan# 1887
Delta R.T. 0.06 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Tgt Ion:165 Resp: 190638
Ion Ratio Lower Upper
165 100
63 41.9 25.4 38.0#
89 59.4 46.4 69.6
182 2.0 1.8 2.6

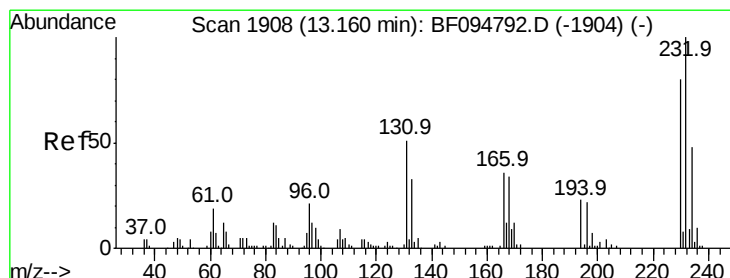
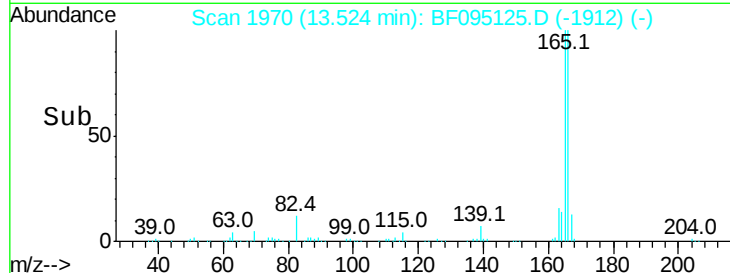
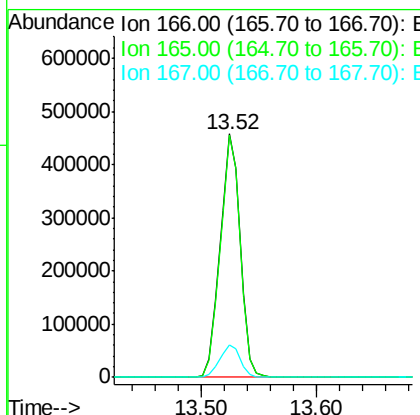
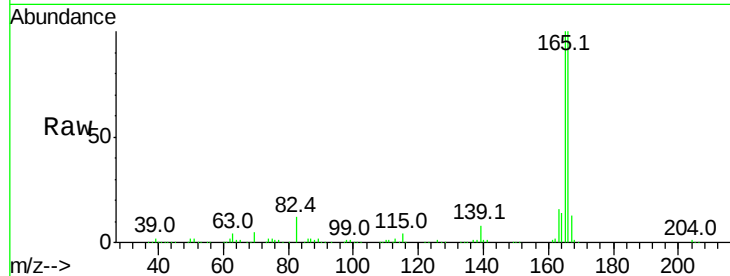




#57
 Fluorene
 Concen: 41.05 ng
 RT: 13.52 min Scan# 1970
 Delta R.T. 0.04 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

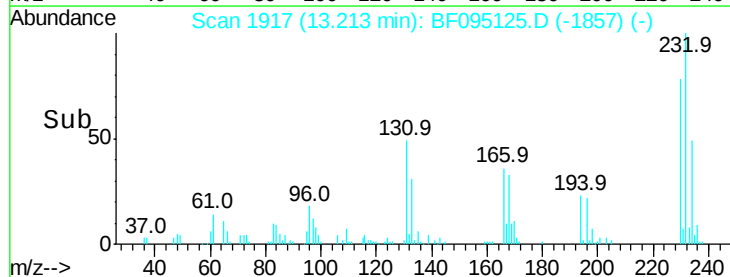
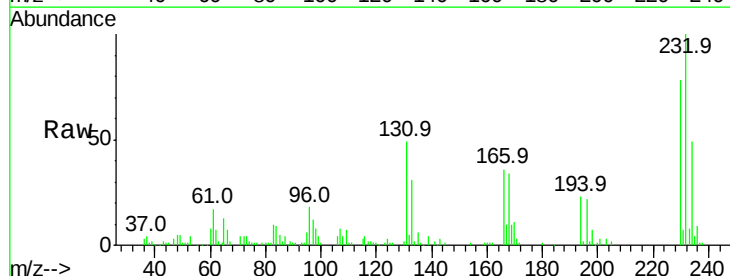
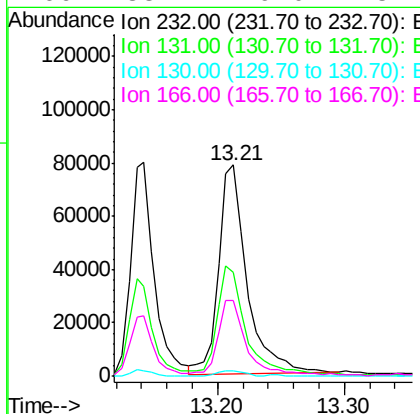
Instrument :
 BNA_F
 ClientSampleId :

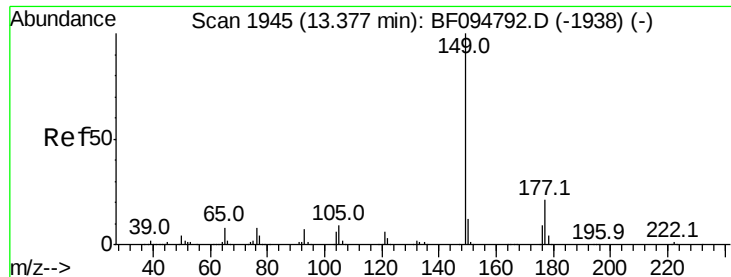
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.8	118.2
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.37 ng
 RT: 13.21 min Scan# 1917
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.1	44.8	67.2
130	2.2	2.3	3.5
166	38.1	29.0	43.4

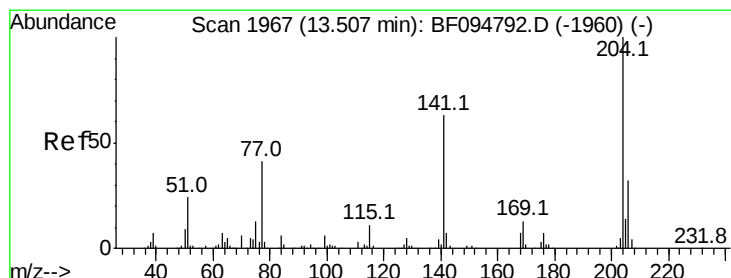
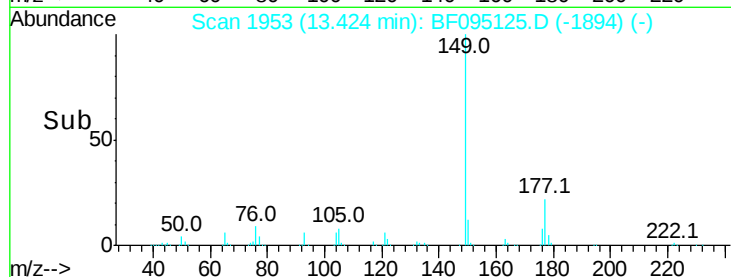
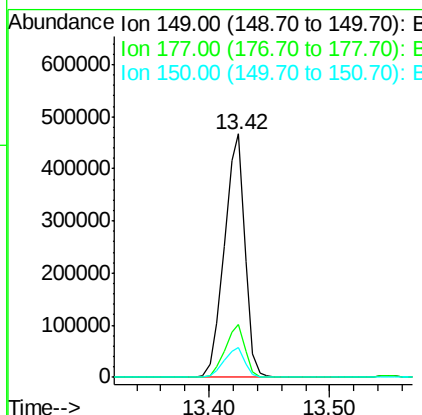
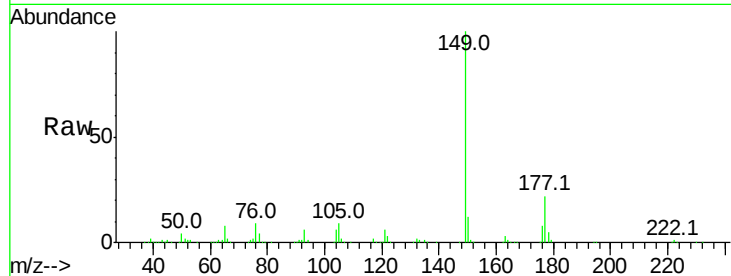




#59
Diethylphthalate
Concen: 39.77 ng
RT: 13.42 min Scan# 1953
Delta R.T. 0.05 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

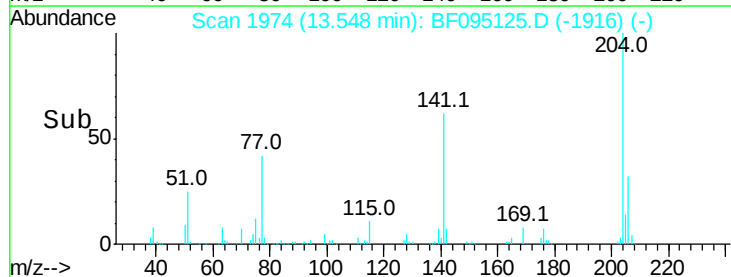
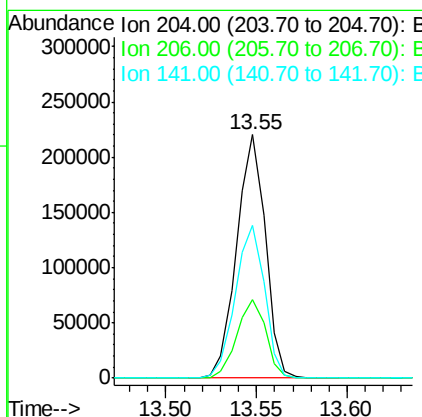
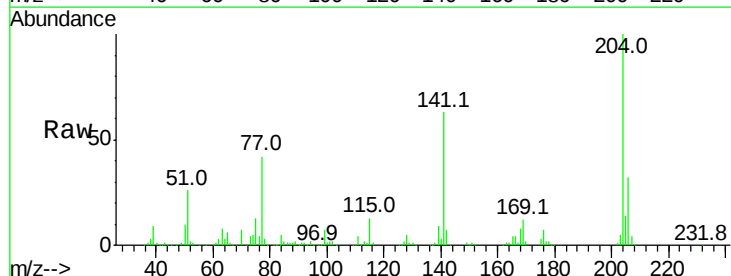
Instrument :
BNA_F
ClientSampleId :

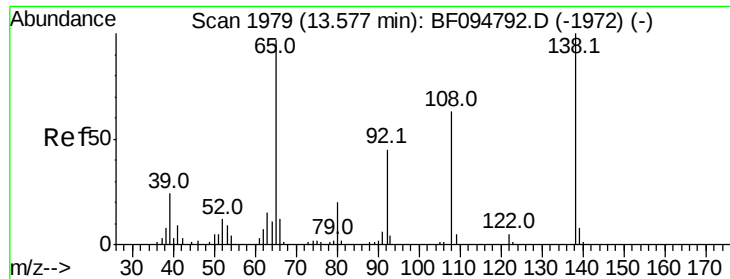
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.39 ng
RT: 13.55 min Scan# 1974
Delta R.T. 0.04 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	62.9	60.8	91.2

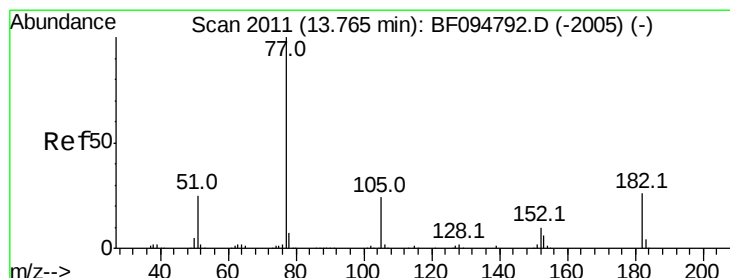
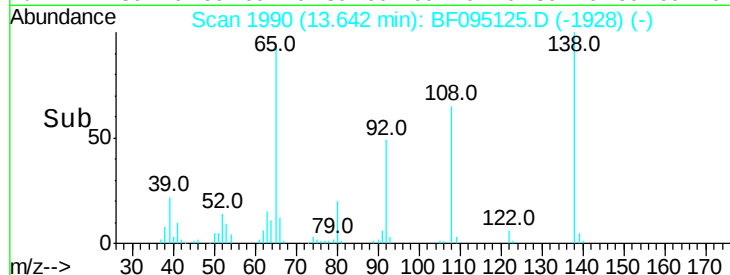
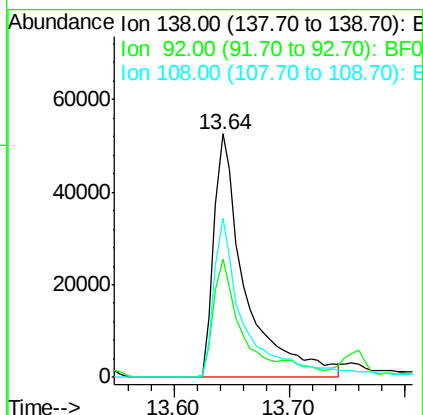
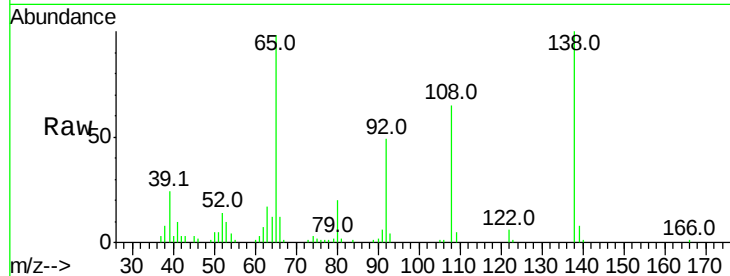




#61
4-Nitroaniline
Concen: 34.57 ng
RT: 13.64 min Scan# 1990
Delta R.T. 0.06 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

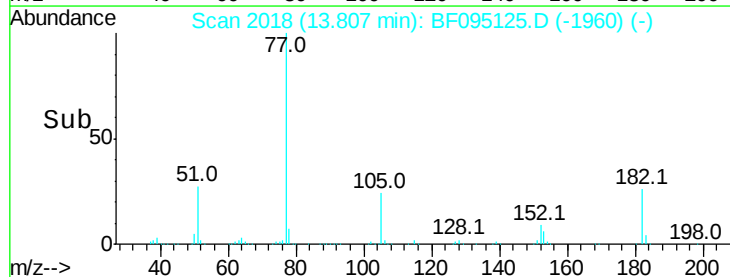
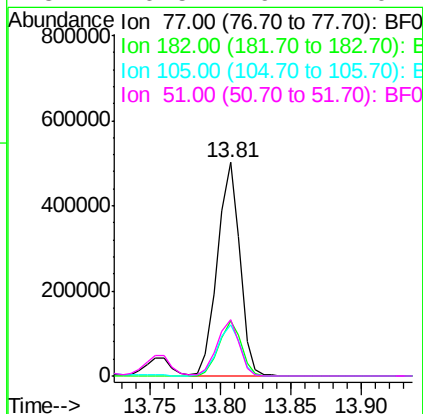
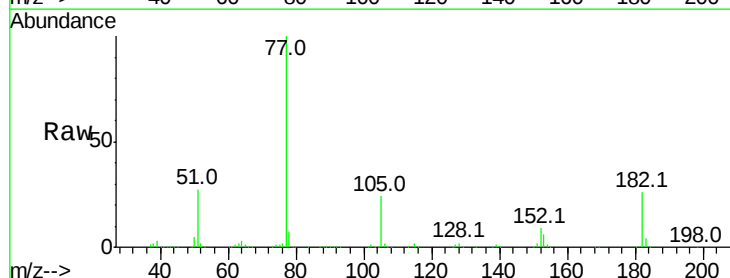
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 99575
Ion Ratio Lower Upper
138 100
92 48.7 21.8 61.8
108 65.1 42.3 82.3



#62
Azobenzene
Concen: 50.31 ng
RT: 13.81 min Scan# 2018
Delta R.T. 0.04 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Tgt Ion: 77 Resp: 555316
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 23.7 3.6 43.6
51 26.5 9.4 49.4

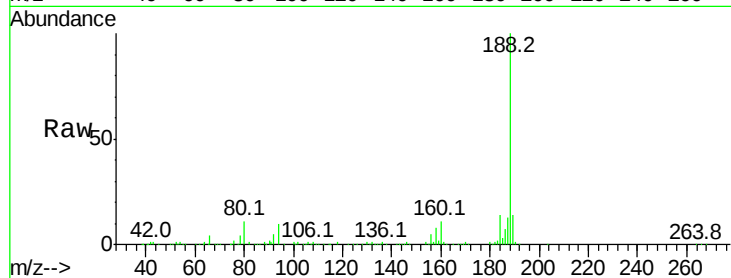




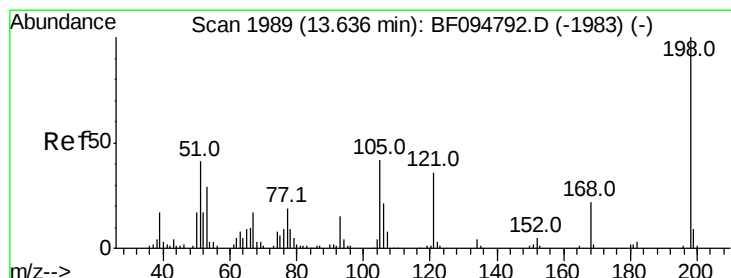
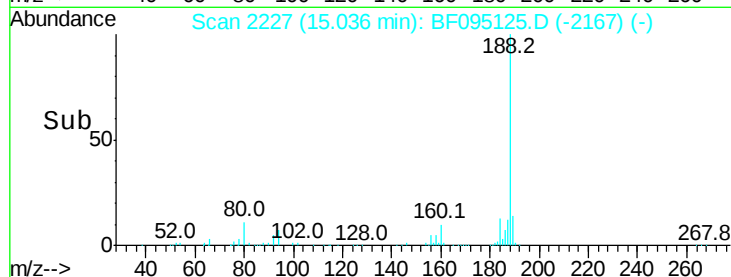
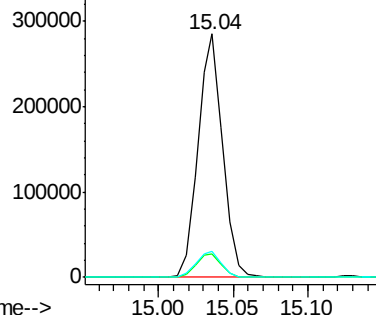
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.04 min Scan# 2227
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 329662
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.4 14.2
 80 10.7 10.2 15.2

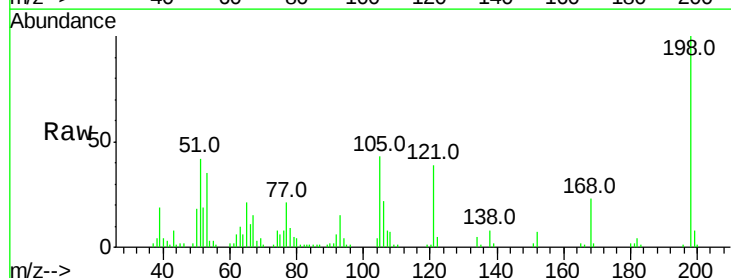


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

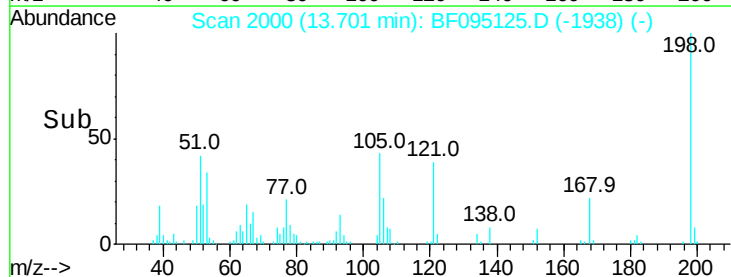
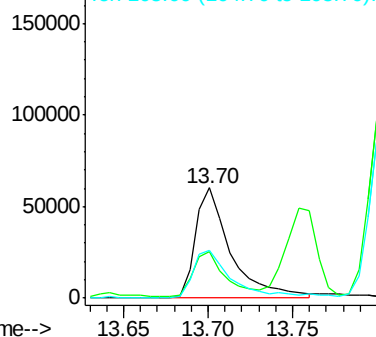


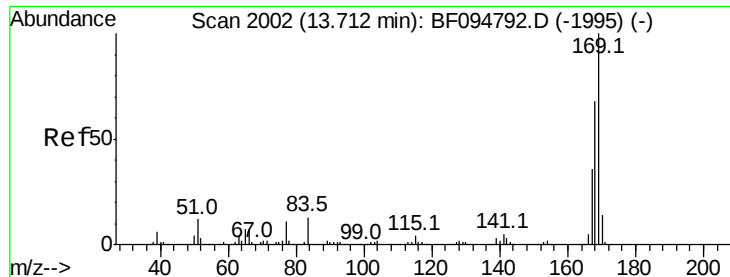
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.69 ng
 RT: 13.70 min Scan# 2000
 Delta R.T. 0.06 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion:198 Resp: 87719
 Ion Ratio Lower Upper
 198 100
 51 42.4 53.2 93.2#
 105 43.5 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.24 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampled :

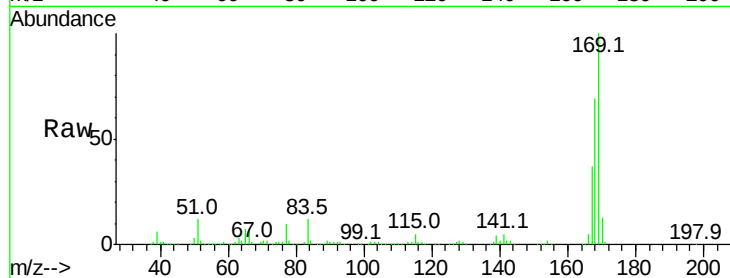
Tot Ion:169 Resp: 505378

Ion Ratio Lower Upper

169 100

168 68.5 53.2 79.8

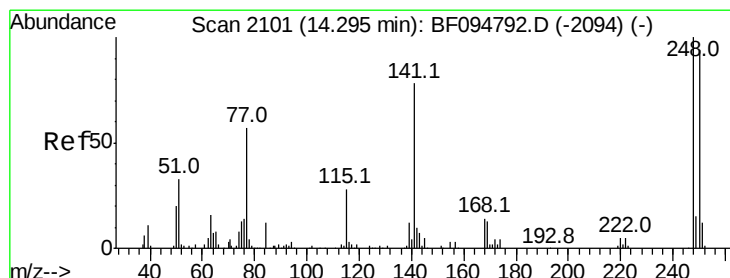
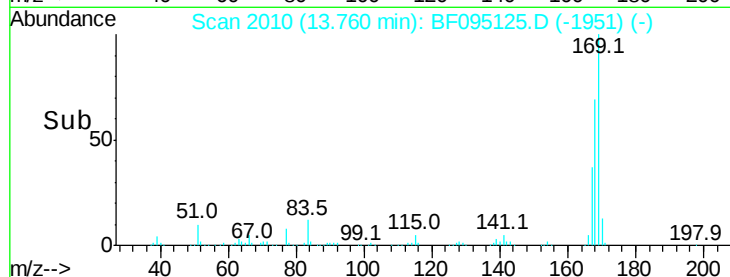
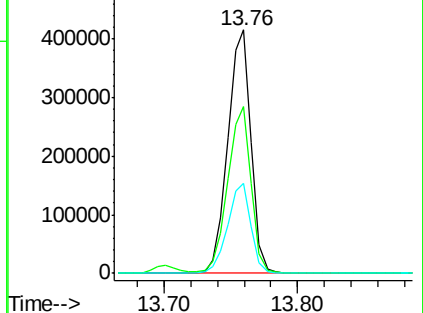
167 37.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.25 ng

RT: 14.34 min Scan# 2108

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

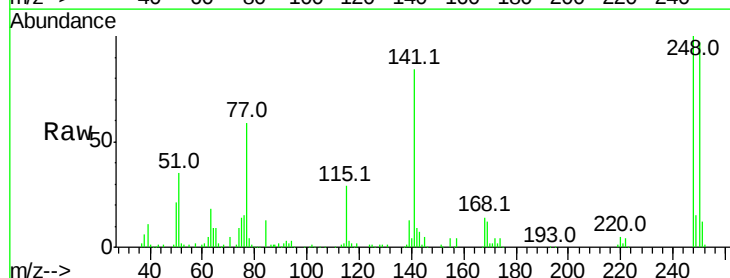
Tgt Ion:248 Resp: 150649

Ion Ratio Lower Upper

248 100

250 96.9 76.8 115.2

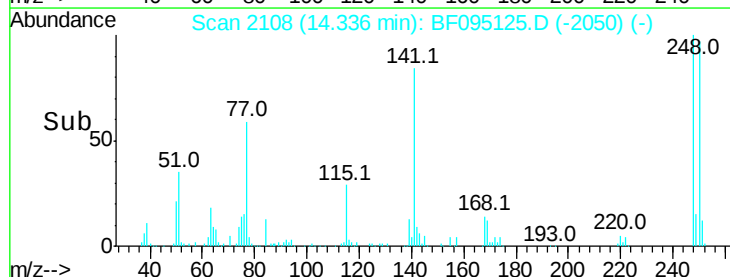
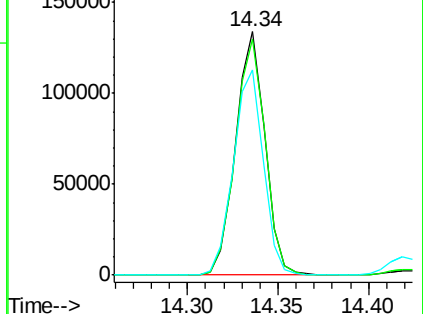
141 84.2 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.63 ng

RT: 14.42 min Scan# 2122

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

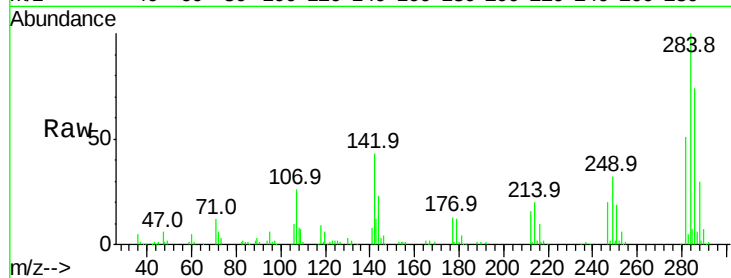
Tot Ion:284 Resp: 155747

Ion Ratio Lower Upper

284 100

142 42.8 22.8 34.2#

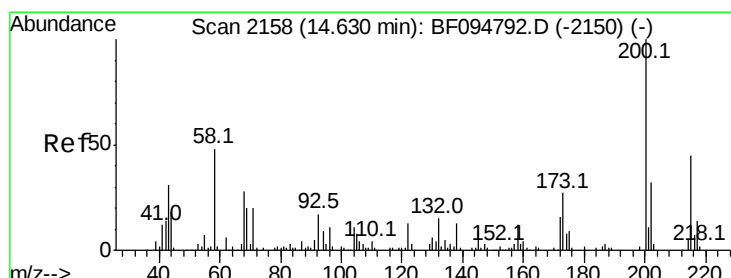
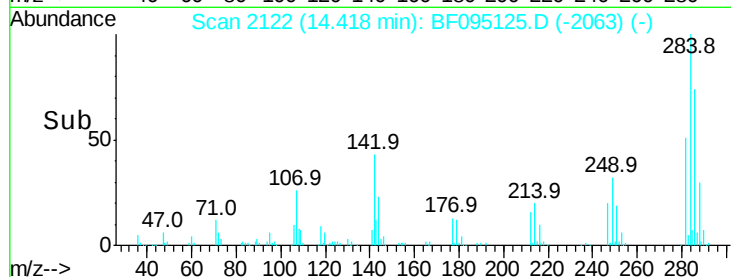
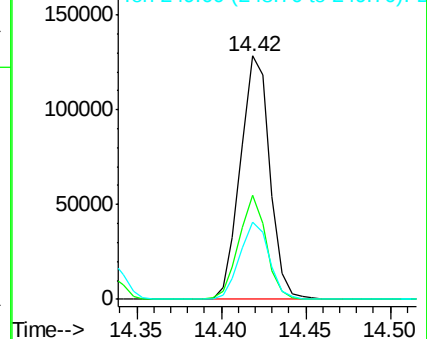
249 31.5 24.0 36.0



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: 47.42 ng

RT: 14.68 min Scan# 2166

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

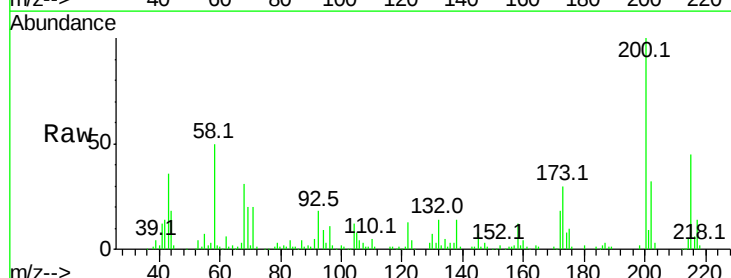
Tgt Ion:200 Resp: 160197

Ion Ratio Lower Upper

200 100

173 29.8 6.3 46.3

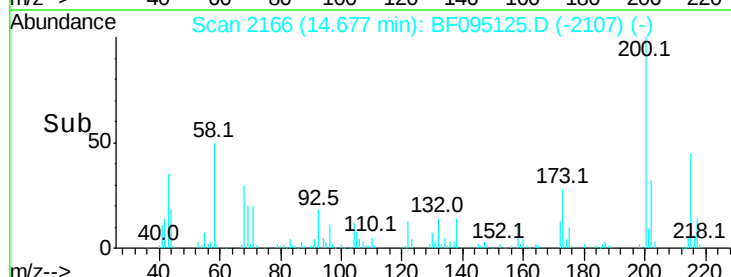
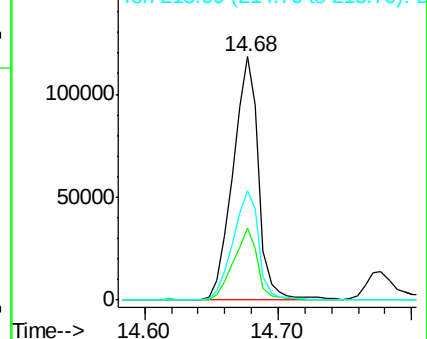
215 44.9 27.2 67.2

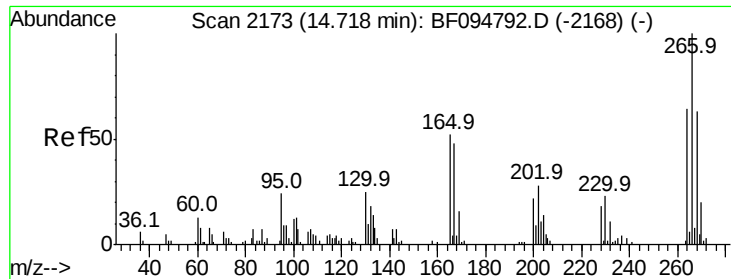


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

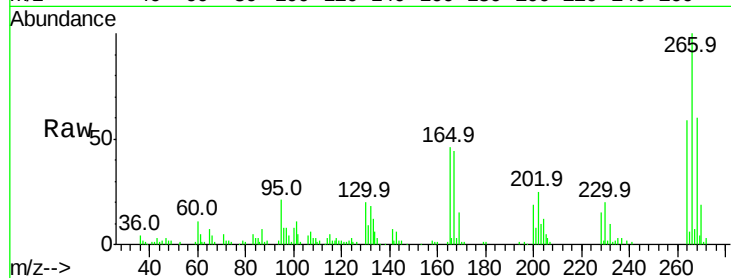




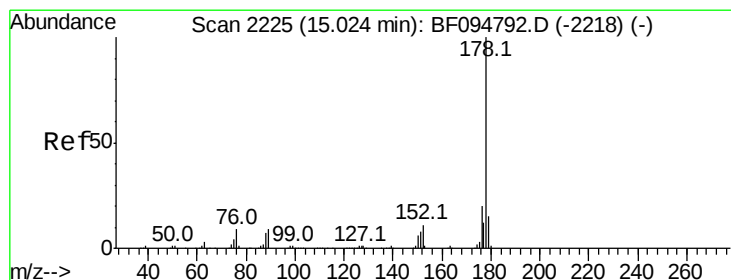
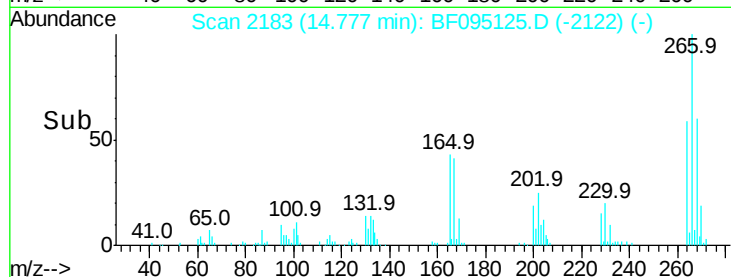
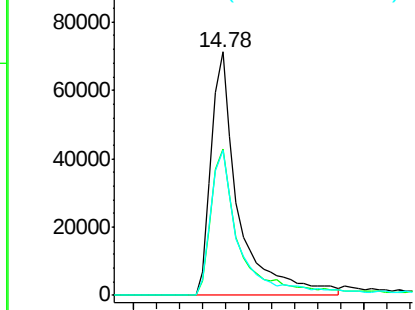
#69
 Pentachlorophenol
 Concen: 73.52 ng
 RT: 14.78 min Scan# 2183
 Delta R.T. 0.06 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	59.4	51.7	77.5

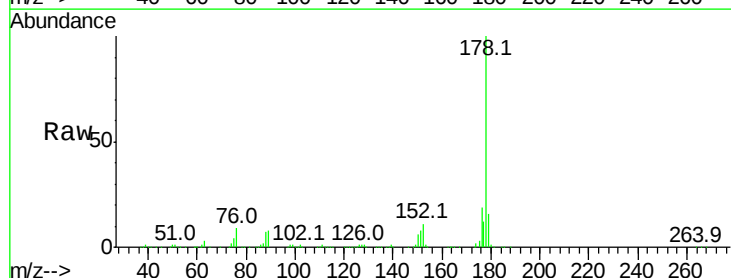


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

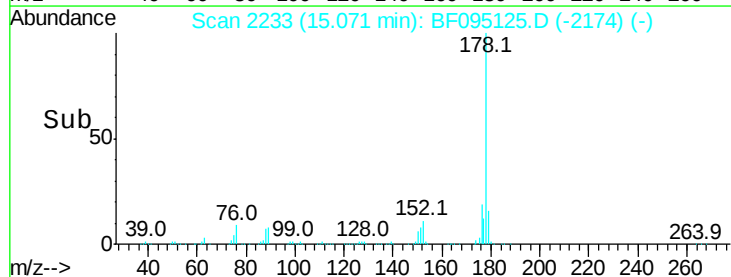
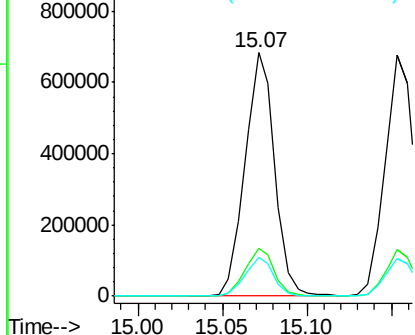


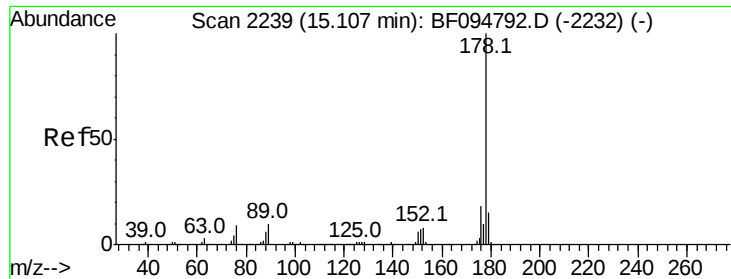
#70
 Phenanthrene
 Concen: 44.06 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.8	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

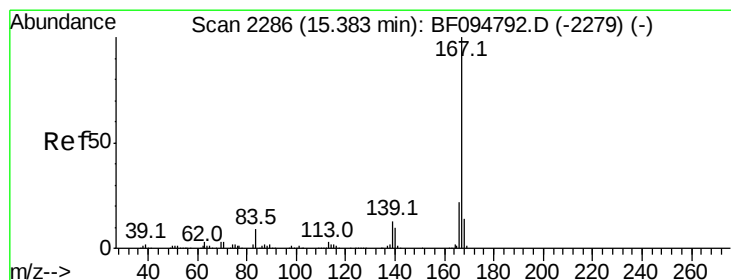
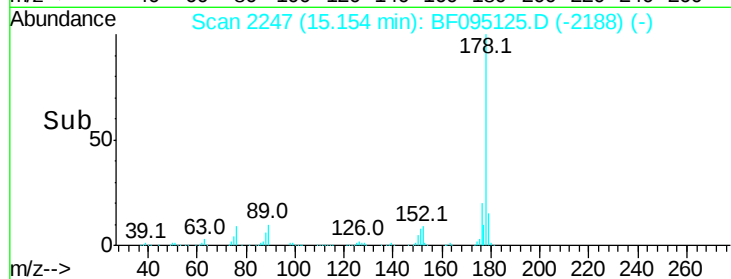
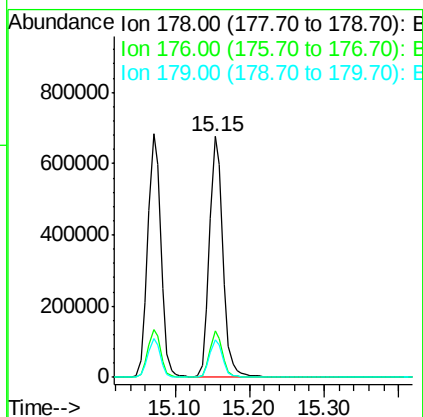
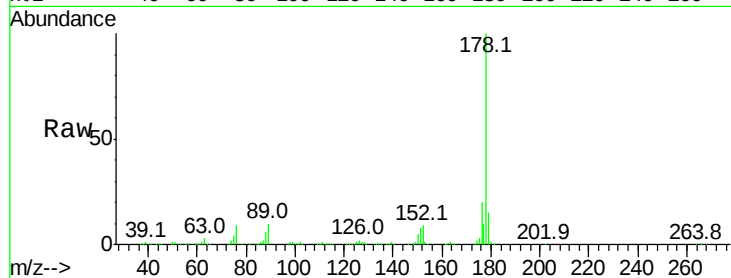




#71
 Anthracene
 Concen: 43.99 ng
 RT: 15.15 min Scan# 2247
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

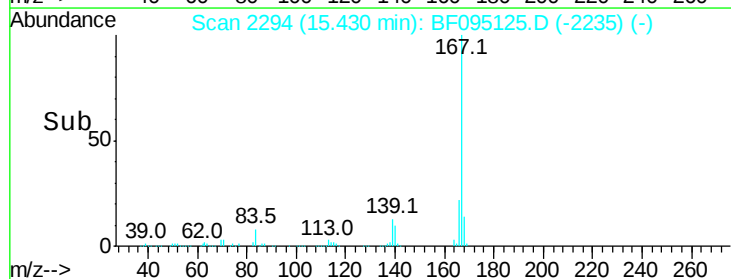
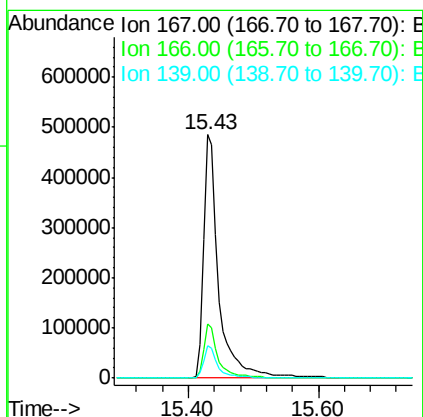
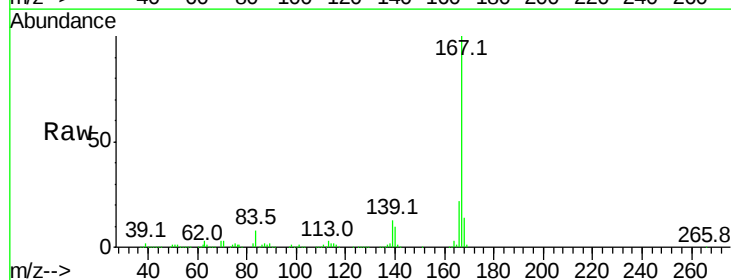
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 851046
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 44.41 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion:167 Resp: 781798
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.5 11.7 17.5

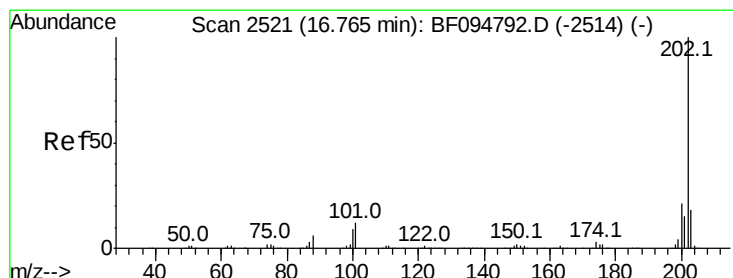
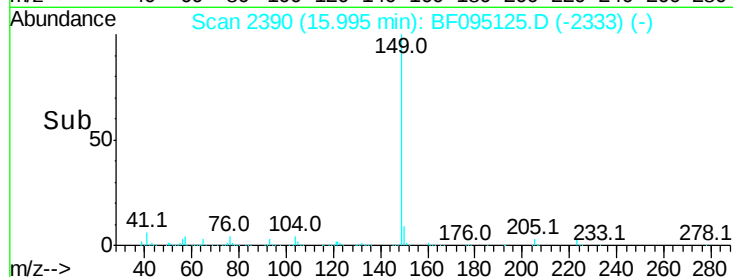
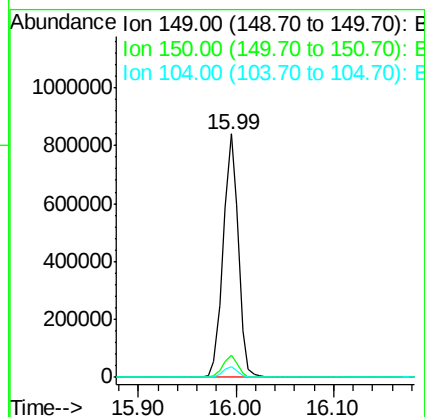
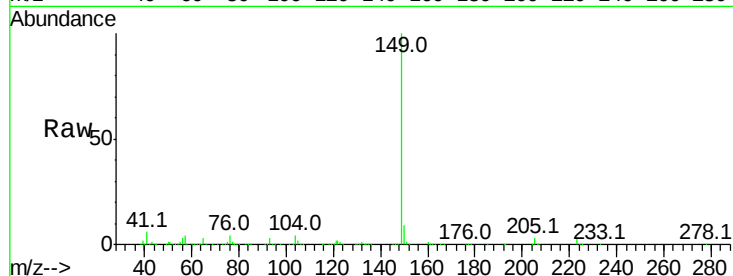




#73
Di-n-butylphthalate
Concen: 40.96 ng
RT: 15.99 min Scan# 2390
Delta R.T. 0.04 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

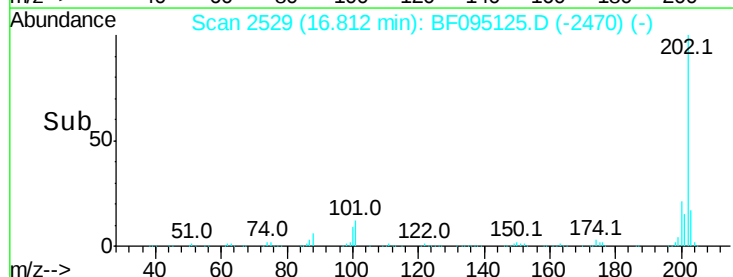
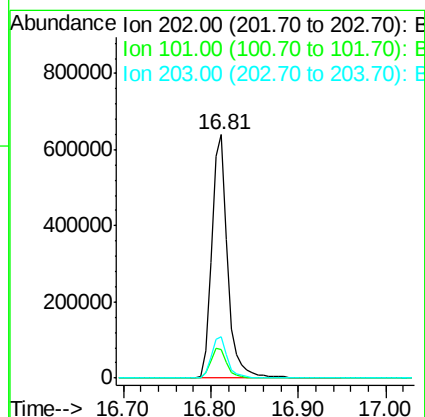
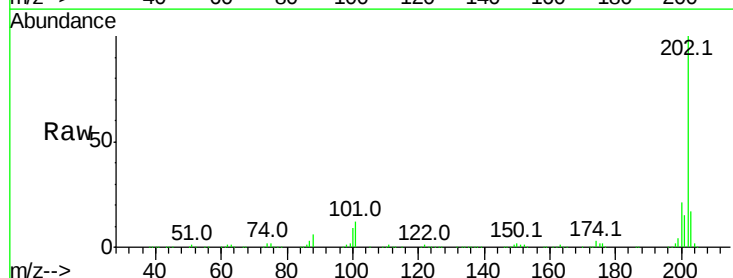
Instrument :
BNA_F
ClientSampleId :

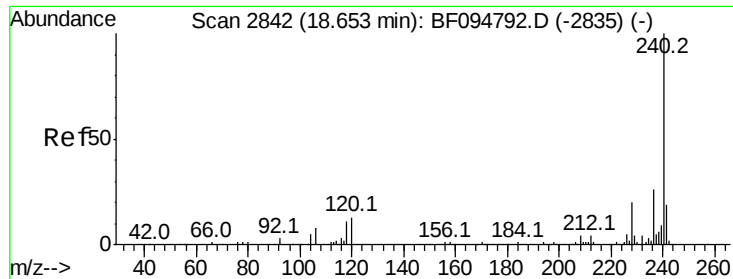
Tot Ion:149 Resp: 899230
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 41.38 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Tgt Ion:202 Resp: 804007
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.2
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

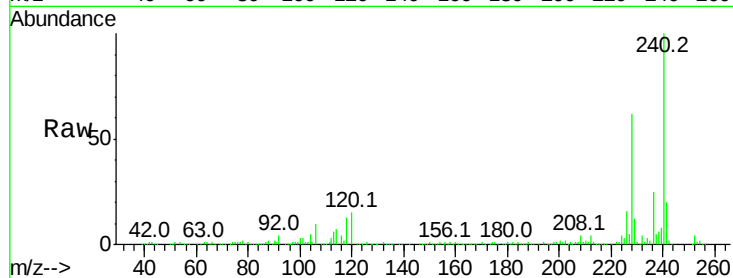
Tot Ion:240 Resp: 269254

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

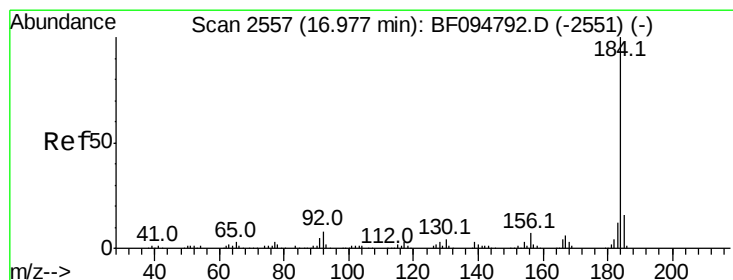
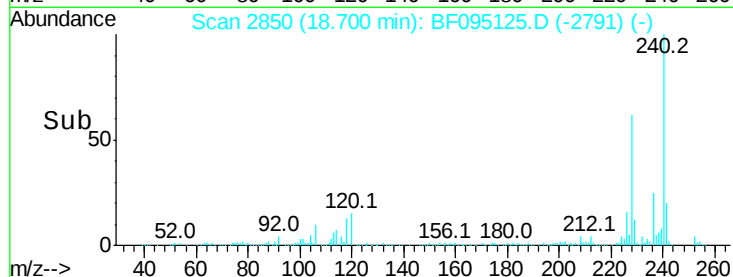
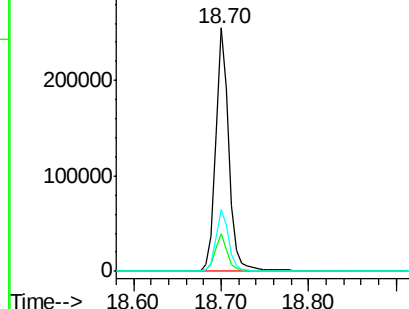
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.03 ng

RT: 17.04 min Scan# 2567

Delta R.T. 0.06 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

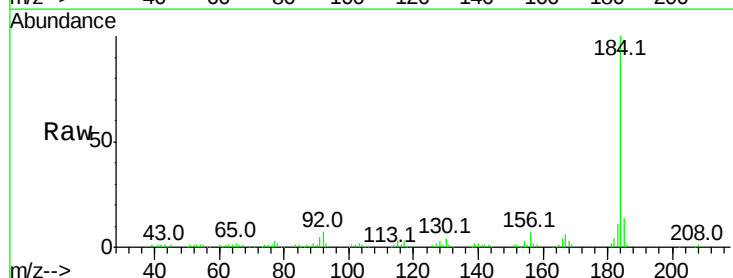
Tgt Ion:184 Resp: 214712

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

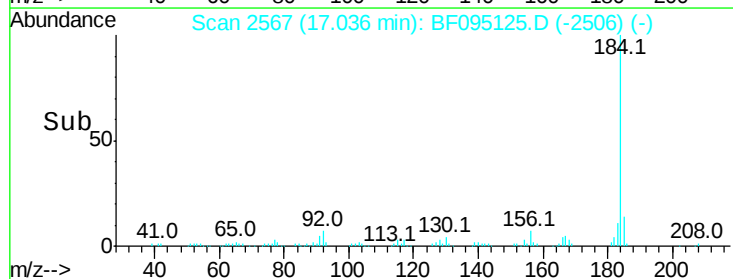
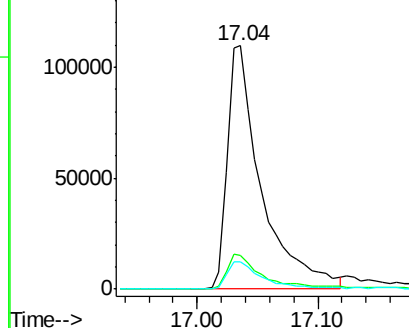
183 11.3 9.8 14.6

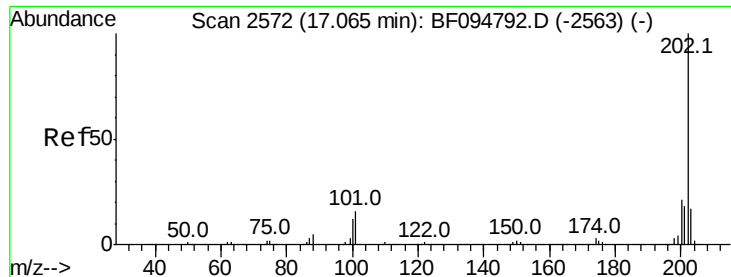


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

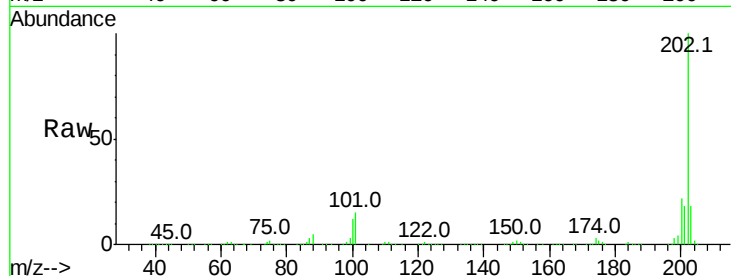




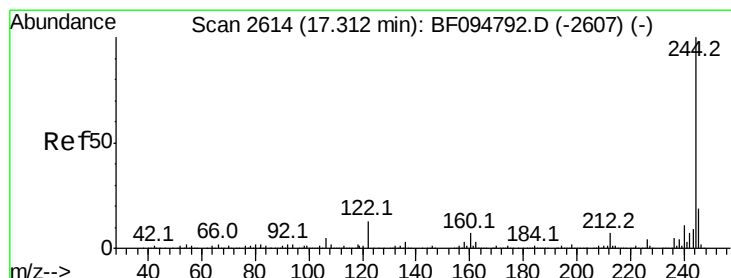
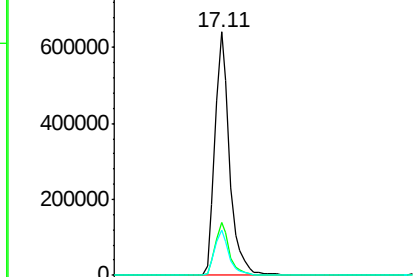
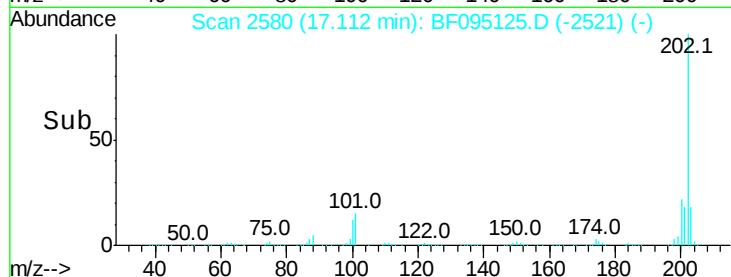
#77
Pvrene
Concen: 40.93 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 824184
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.3 14.4 21.6

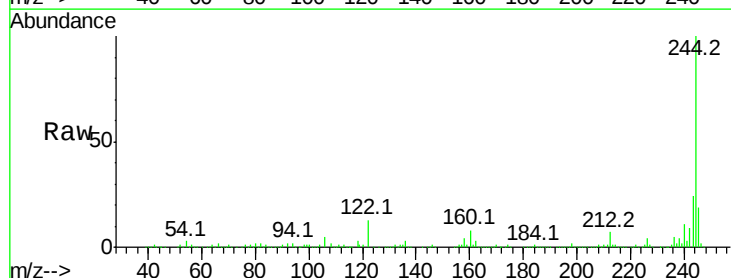


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

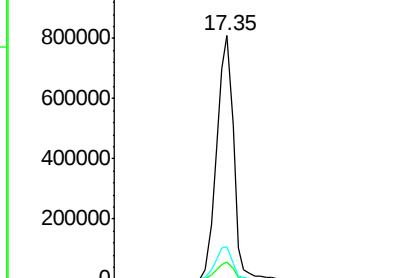
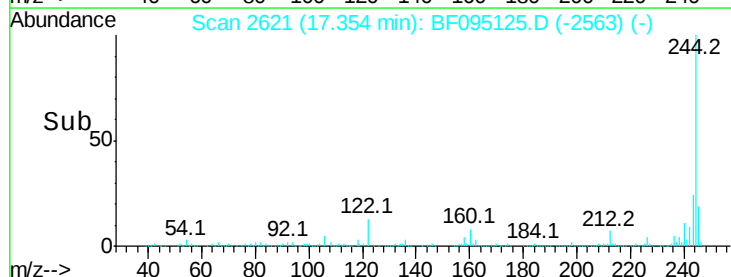


#78
Terphenyl-d14
Concen: 82.84 ng
RT: 17.35 min Scan# 2621
Delta R.T. 0.04 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Tgt Ion:244 Resp: 1012665
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 13.1 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

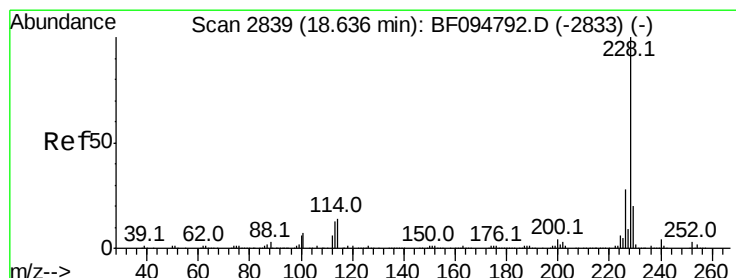
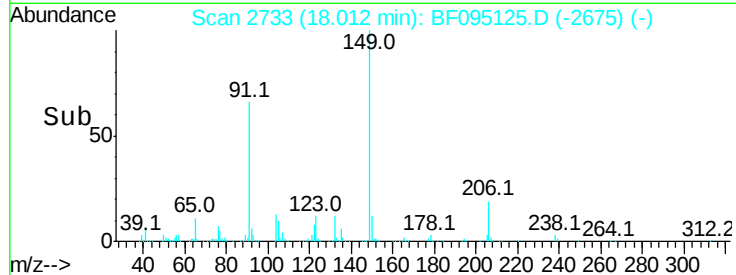
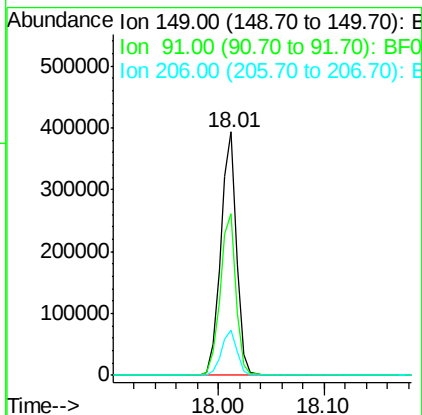
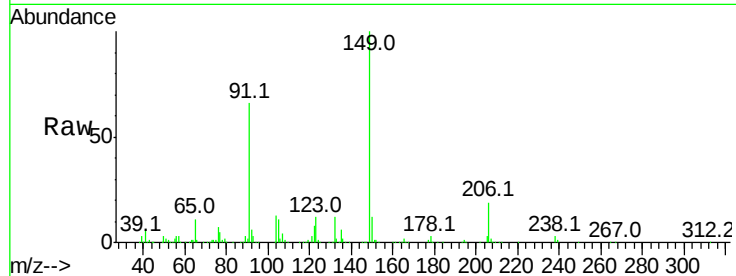




#79
Butylbenzylphthalate
Concen: 44.07 ng
RT: 18.01 min Scan# 2733
Delta R.T. 0.04 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

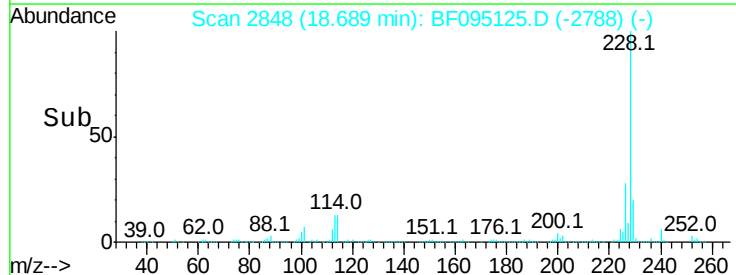
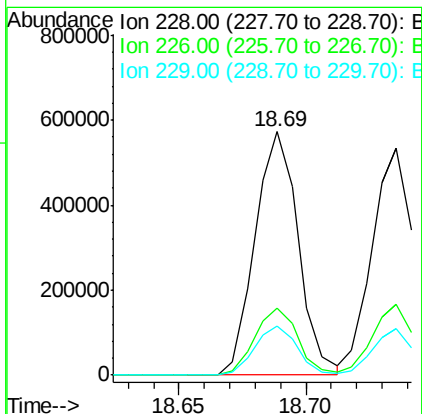
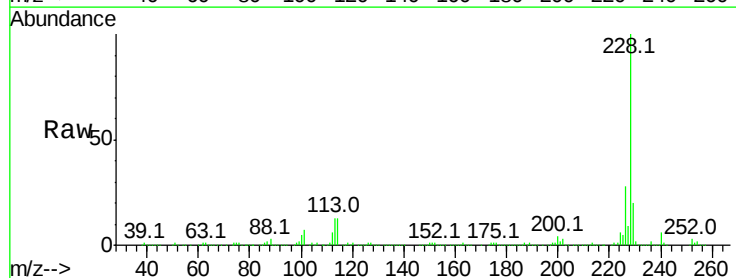
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.2	45.0	67.4
206	18.8	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.51 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095125.D
Acq: 15 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	16.3	24.5

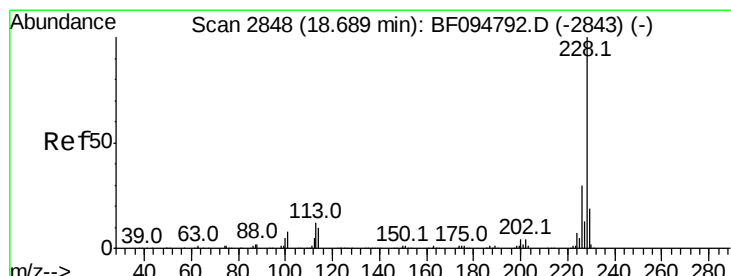
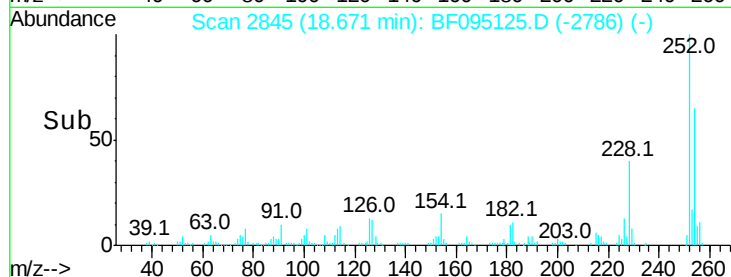
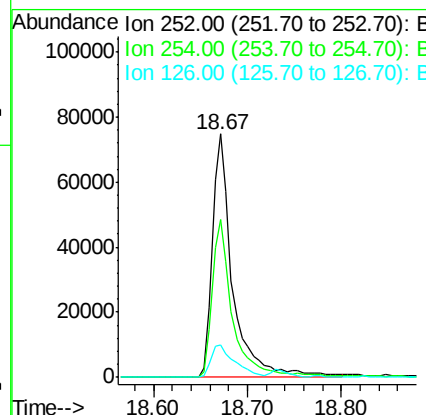
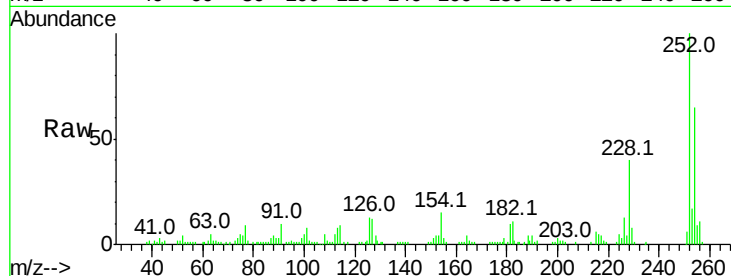




#81
 3,3'-Dichlorobenzidine
 Concen: 21.14 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

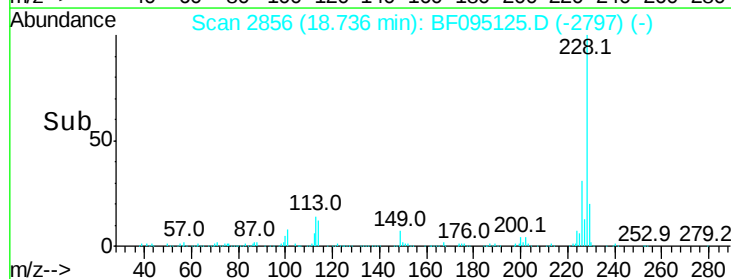
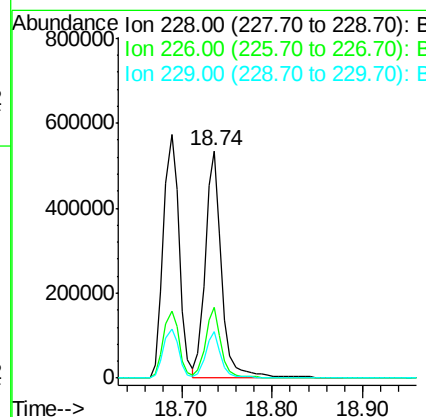
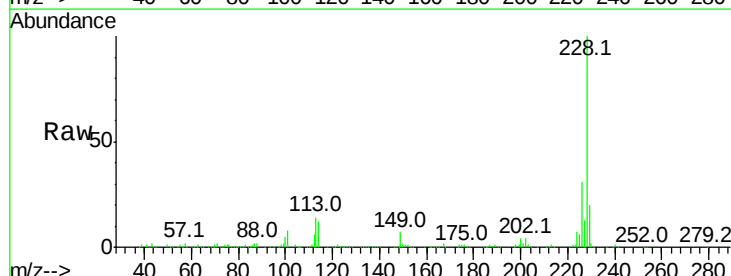
Instrument :
 BNA_F
 ClientSampled :

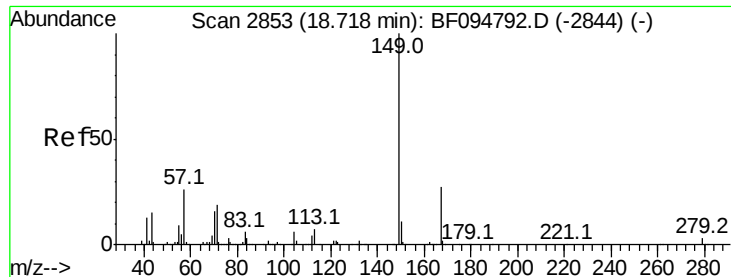
Tot Ion:252 Resp: 114390
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 13.5 15.8 23.8#



#82
 Chrysene
 Concen: 44.62 ng
 RT: 18.74 min Scan# 2856
 Delta R.T. 0.05 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion:228 Resp: 676044
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.4 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.59 ng

RT: 18.75 min Scan# 2859

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

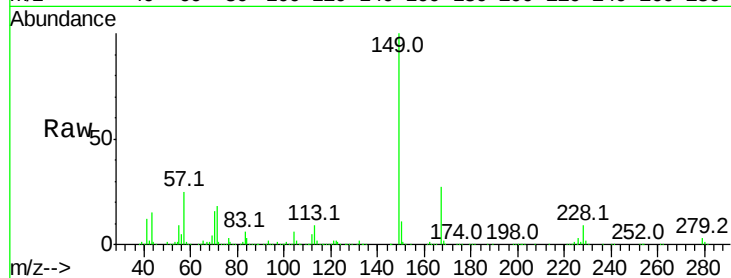
Tot Ion:149 Resp: 608478

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

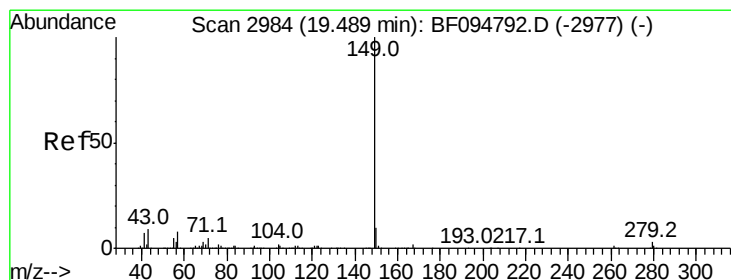
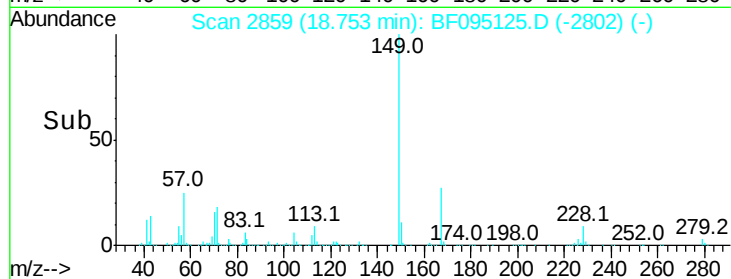
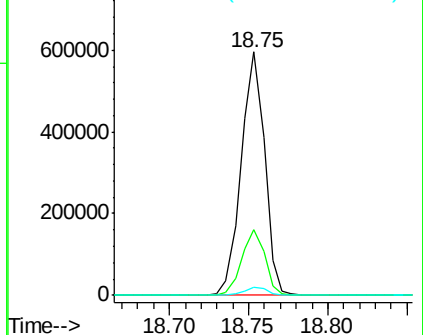
279 3.1 1.9 2.9#



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: 46.50 ng

RT: 19.52 min Scan# 2990

Delta R.T. 0.04 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

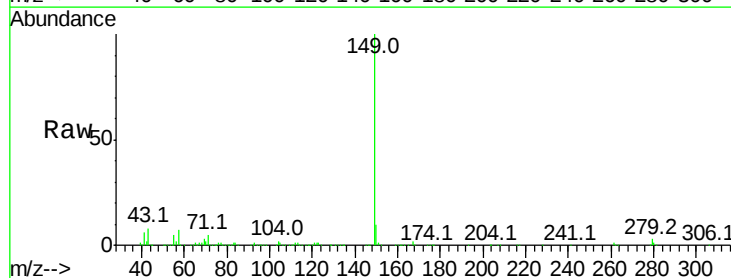
Tgt Ion:149 Resp: 1017492

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

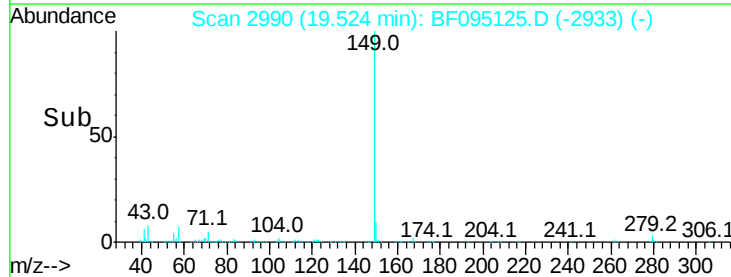
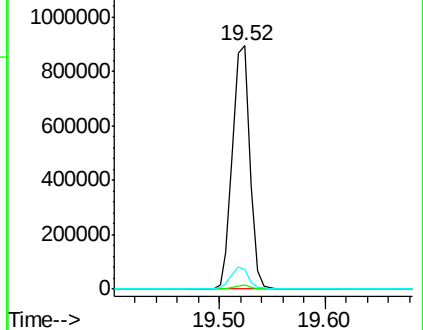
43 8.7 8.5 12.7

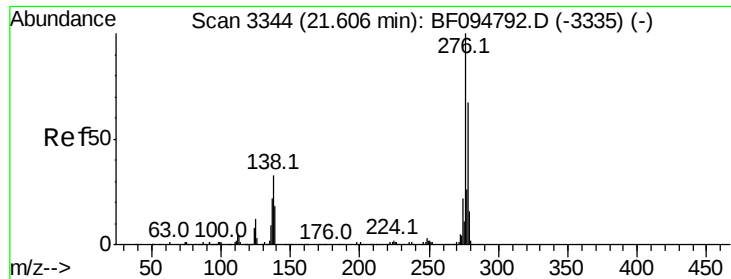


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

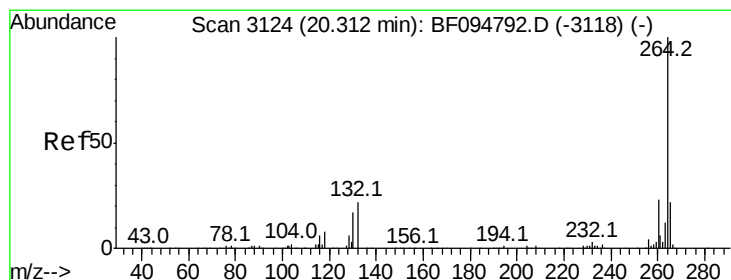
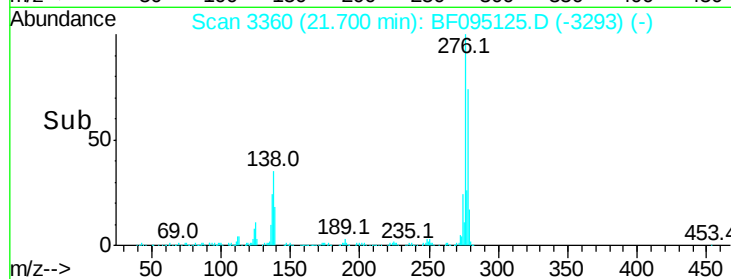
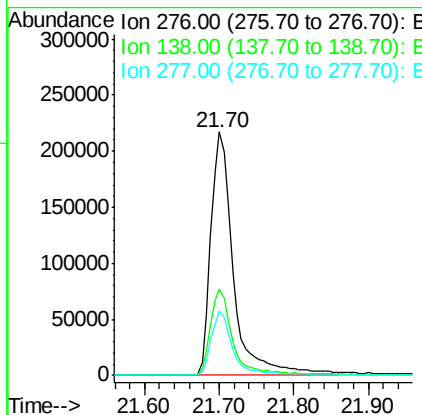
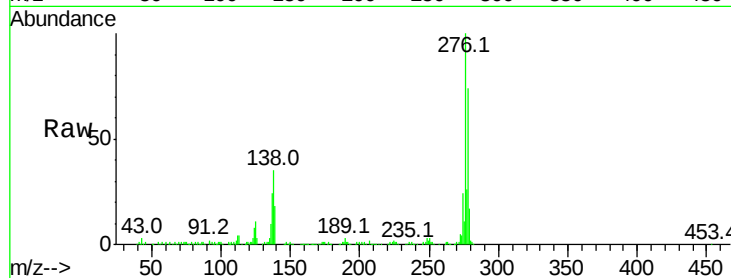




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.31 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.09 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

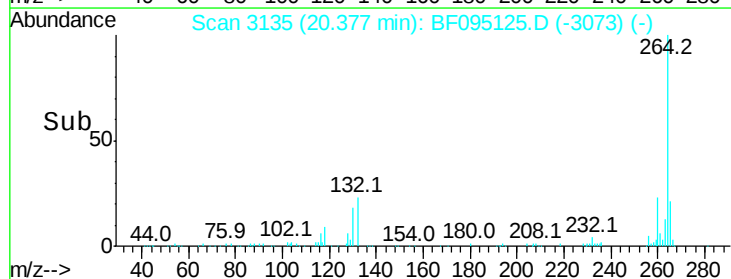
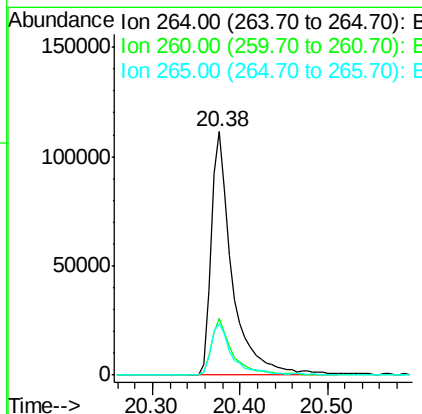
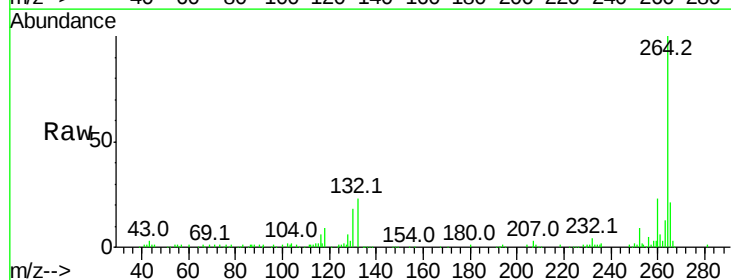
Instrument :
 BNA_F
 ClientSampleID :

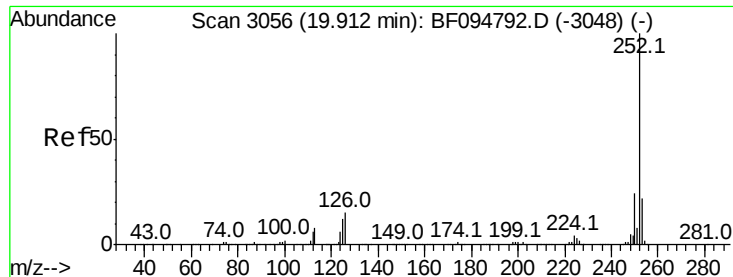
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.06 min
 Lab File: BF095125.D
 Acq: 15 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.57 ng

RT: 19.97 min Scan# 3065

Delta R.T. 0.05 min

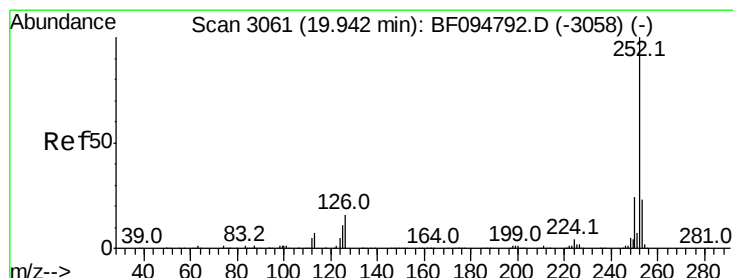
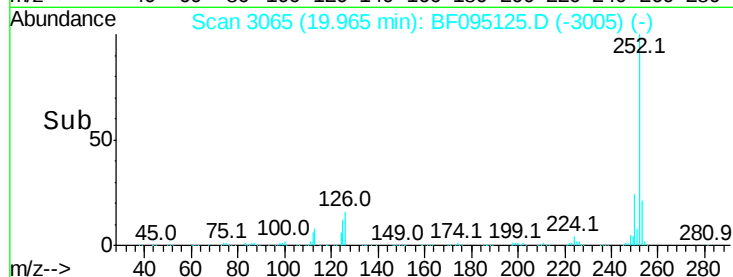
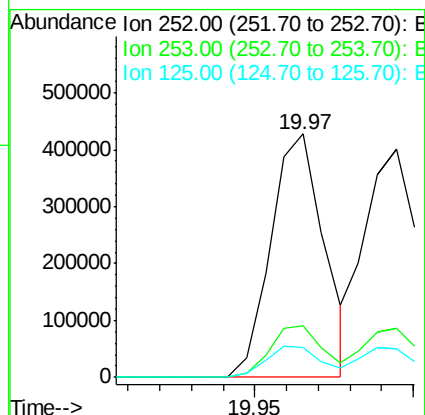
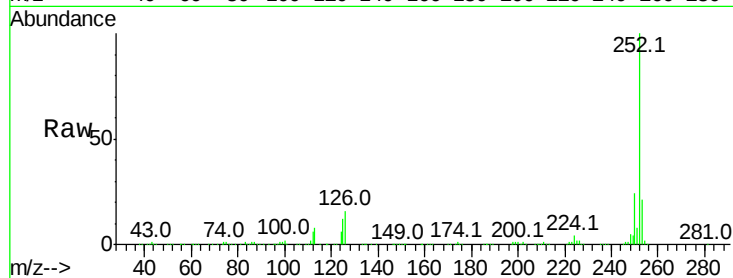
Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 499388

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	12.4	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 52.28 ng

RT: 19.99 min Scan# 3070

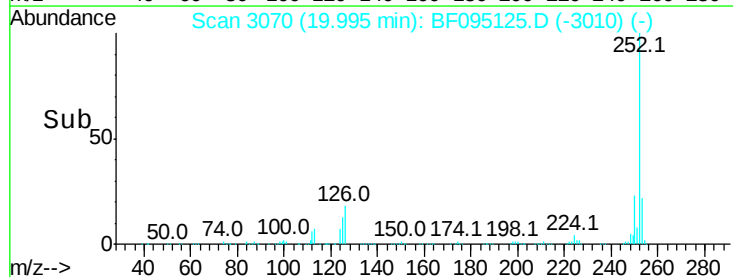
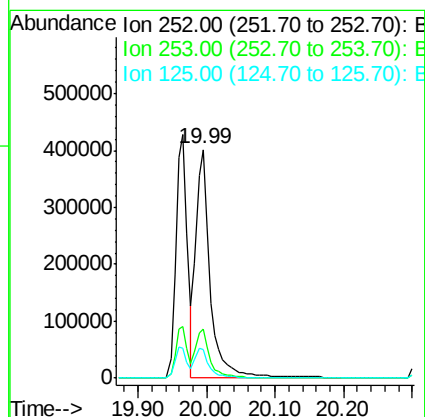
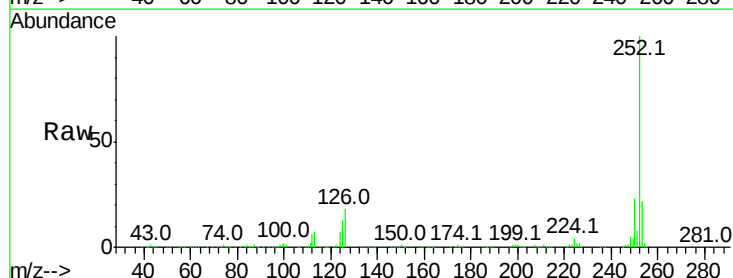
Delta R.T. 0.05 min

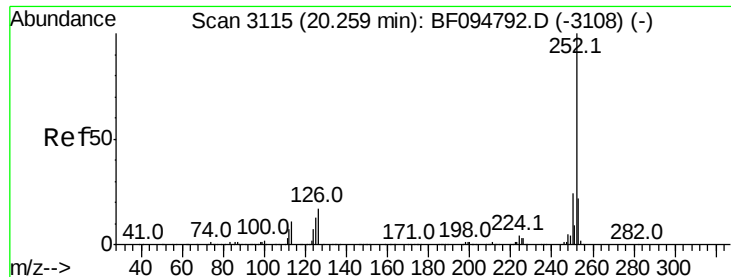
Lab File: BF095125.D

Acq: 15 May 2017 14:56

Tgt Ion:252 Resp: 578053

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	12.6	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 44.97 ng

RT: 20.32 min Scan# 3125

Delta R.T. 0.06 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

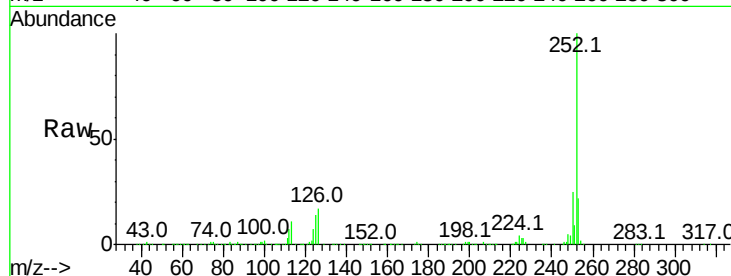
Tot Ion:252 Resp: 475641

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.6	11.0	16.4

252 100

253 22.4 17.5 26.3

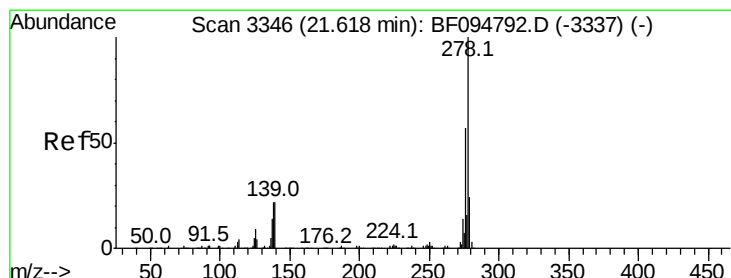
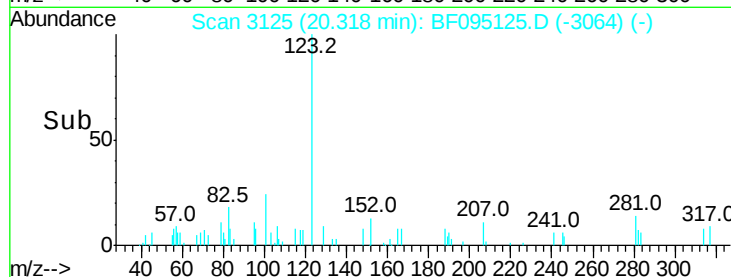
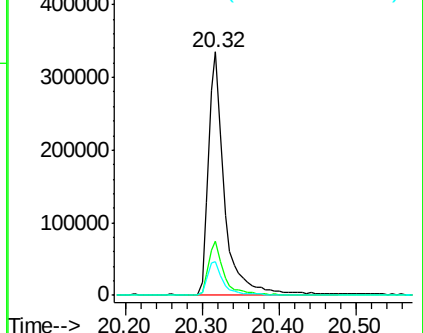
125 13.6 11.0 16.4



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: 43.54 ng

RT: 21.71 min Scan# 3361

Delta R.T. 0.09 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

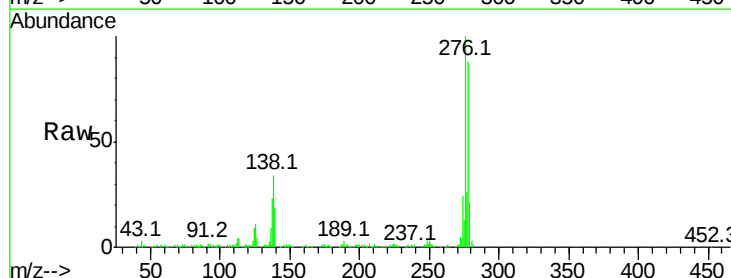
Tgt Ion:278 Resp: 380343

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	23.2	19.3	28.9

278 100

139 21.7 16.6 24.8

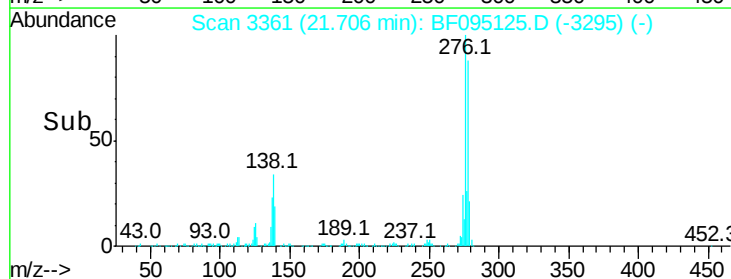
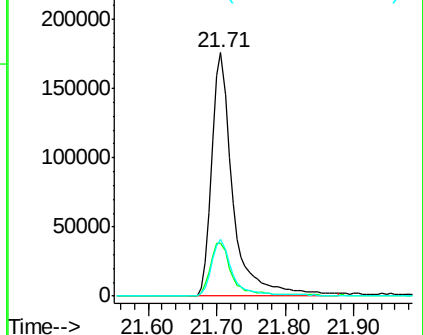
279 23.2 19.3 28.9

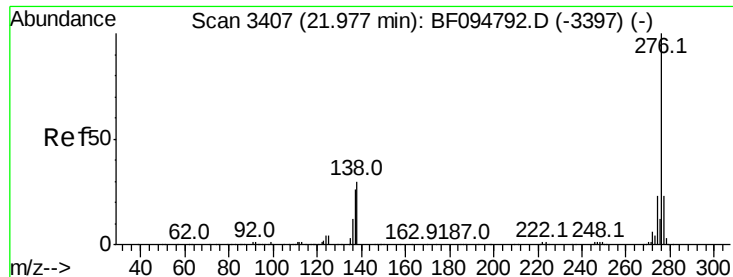


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.77 ng

RT: 22.09 min Scan# 3426

Delta R.T. 0.11 min

Lab File: BF095125.D

Acq: 15 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

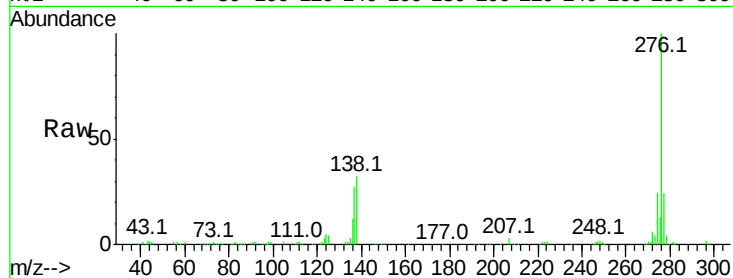
Tot Ion:276 Resp: 375184

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 31.6 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

