

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095212.D
 Acq On : 18 May 2017 7:35
 Operator : SJ/MA
 Sample : PB99041BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 08:10:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	90053	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	331836	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	150872	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	222838	20.00	ng	0.04
75) Chrysene-d12	18.69	240	184583	20.00	ng	0.04
86) Perylene-d12	20.37	264	125273	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	764615	141.56	ng	0.08
7) Phenol-d6	7.32	99	852594	131.56	ng	0.05
23) Nitrobenzene-d5	8.68	82	523286	99.44	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	153841	124.51	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	992469	94.68	ng	0.03
78) Terphenyl-d14	17.34	244	690361	82.38	ng	0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.31	88	88659	33.47	ng	95
3) Pyridine	3.01	79	109593	17.85	ng	96
4) n-Nitrosodimethylamine	2.94	42	76224	29.79	ng	# 84
6) Aniline	7.28	93	246110	30.08	ng	95
8) 2-Chlorophenol	7.47	128	269382	43.82	ng	94
9) Benzaldehyde	7.11	77	77342	19.54	ng	100
10) Phenol	7.34	94	276694	40.52	ng	88
11) bis(2-Chloroethyl)ether	7.41	93	237007	42.04	ng	96
12) 1,3-Dichlorobenzene	7.68	146	292991	42.01	ng	97
13) 1,4-Dichlorobenzene	7.80	146	306325	43.31	ng	98
14) 1,2-Dichlorobenzene	8.04	146	292930	44.37	ng	96
15) Benzyl Alcohol	8.06	79	211109	50.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	326968	40.97	ng	69
17) 2-Methylphenol	8.27	107	224903	44.70	ng	# 88
18) Hexachloroethane	8.55	117	88087	36.77	ng	# 86
19) n-Nitroso-di-n-propylamine	8.48	70	192242	43.86	ng	93
20) 3+4-Methylphenols	8.53	107	295107	43.16	ng	# 57
22) Acetophenone	8.45	105	384231	48.26	ng	# 83
24) Nitrobenzene	8.71	77	258807	46.92	ng	92
25) Isophorone	9.11	82	471132	50.14	ng	95
26) 2-Nitrophenol	9.21	139	131211	44.08	ng	97
27) 2,4-Dimethylphenol	9.34	122	239762	49.82	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	297770	45.81	ng	100
29) 2,4-Dichlorophenol	9.63	162	211559	46.56	ng	96
30) 1,2,4-Trichlorobenzene	9.71	180	212905	43.74	ng	99
31) Naphthalene	9.82	128	711912	42.69	ng	100
32) Benzoic acid	9.65	122	84942	29.12	ng	88
33) 4-Chloroaniline	9.99	127	67165	10.81	ng	94
34) Hexachlorobutadiene	10.04	225	115168	44.84	ng	97
35) Caprolactam	10.58	113	36509	26.76	ng	85
36) 4-Chloro-3-methylphenol	10.82	107	222596	45.82	ng	90
37) 2-Methylnaphthalene	10.95	142	525313	47.99	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	203377	43.83	ng	99
40) Hexachlorocyclopentadiene	11.20	237	23451	17.17	ng	95

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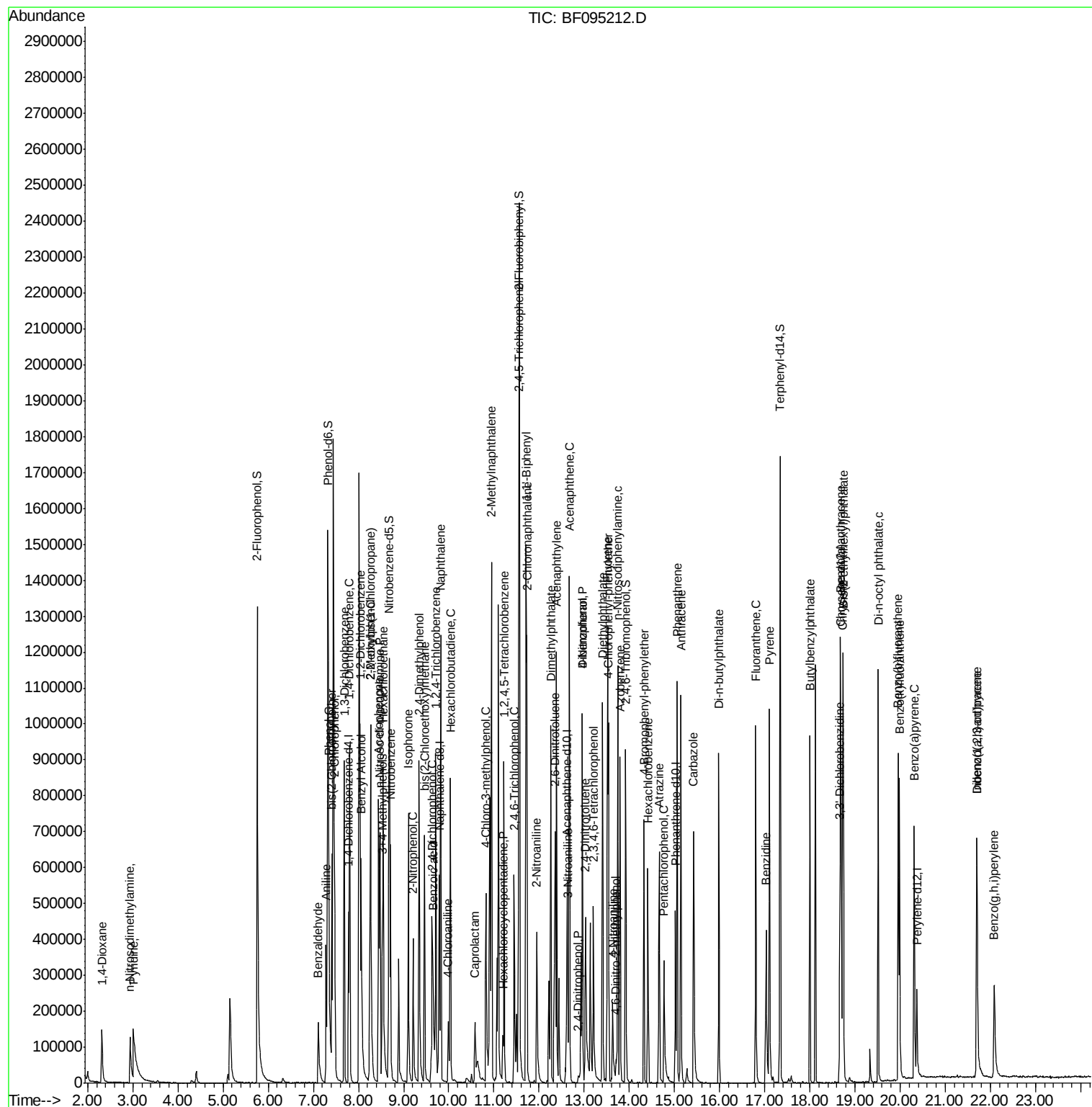
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	130996	42.29	nq	97
43) 2,4,5-Trichlorophenol	11.55	196	129105	38.78	nq	# 92
45) 1,1'-Biphenyl	11.71	154	585557	46.10	nq	98
46) 2-Chloronaphthalene	11.73	162	453307	44.20	nq	97
47) 2-Nitroaniline	11.95	65	122111	43.50	nq	# 80
48) Acenaphthylene	12.39	152	692946	43.13	nq	99
49) Dimethylphthalate	12.26	163	532841	43.02	nq	99
50) 2,6-Dinitrotoluene	12.35	165	109705	43.42	nq	93
51) Acenaphthene	12.67	154	396227	41.29	nq	98
52) 3-Nitroaniline	12.64	138	72453	26.71	nq	84
53) 2,4-Dinitrophenol	12.87	184	12635	14.62	nq	# 68
54) Dibenzofuran	12.96	168	571378	43.03	nq	98
55) 4-Nitrophenol	12.96	139	204226	125.37	nq	# 27
56) 2,4-Dinitrotoluene	13.03	165	127555	39.28	nq	# 93
57) Fluorene	13.52	166	470738	40.77	nq	97
58) 2,3,4,6-Tetrachlorophenol	13.21	232	93204	44.48	nq	# 91
59) Diethylphthalate	13.41	149	499461	42.07	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	215185	42.41	nq	91
61) 4-Nitroaniline	13.63	138	81525	32.74	nq	94
62) Azobenzene	13.79	77	435749	45.68	nq	93
64) 4,6-Dinitro-2-methylphenol	13.71	198	15499	10.38	nq	# 78
65) n-Nitrosodiphenylamine	13.75	169	413862	51.17	nq	100
66) 4-Bromophenyl-phenylether	14.32	248	113232	48.10	nq	97
67) Hexachlorobenzene	14.41	284	101637	42.13	nq	# 88
68) Atrazine	14.67	200	109850	48.11	nq	96
69) Pentachlorophenol	14.77	266	75326	69.85	nq	96
70) Phenanthrene	15.06	178	585902	45.76	nq	98
71) Anthracene	15.15	178	624225	47.73	nq	98
72) Carbazole	15.42	167	530334	44.57	nq	97
73) Di-n-butylphthalate	15.99	149	649763	43.79	nq	98
74) Fluoranthene	16.80	202	540569	41.16	nq	98
76) Benzidine	17.03	184	314258	60.90	nq	# 94
77) Pyrene	17.11	202	574059	41.58	nq	99
79) Butylbenzylphthalate	18.00	149	262873	40.94	nq	88
80) Benzo(a)anthracene	18.68	228	487773	45.41	nq	98
81) 3,3'-Dichlorobenzidine	18.67	252	162598	43.82	nq	# 97
82) Chrysene	18.73	228	467999	45.05	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	370072	40.45	nq	# 97
84) Di-n-octyl phthalate	19.51	149	644235	42.95	nq	95
85) Indeno(1,2,3-cd)pyrene	21.70	276	312563	37.05	nq	98
87) Benzo(b)fluoranthene	19.96	252	380400	49.14	nq	98
88) Benzo(k)fluoranthene	19.99	252	430099	57.60	nq	# 95
89) Benzo(a)pyrene	20.31	252	351747	49.24	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	255933	43.39	nq	96
91) Benzo(g,h,i)perylene	22.08	276	235650	40.71	nq	97

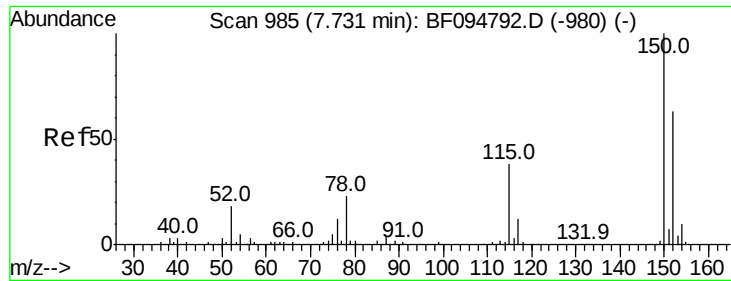
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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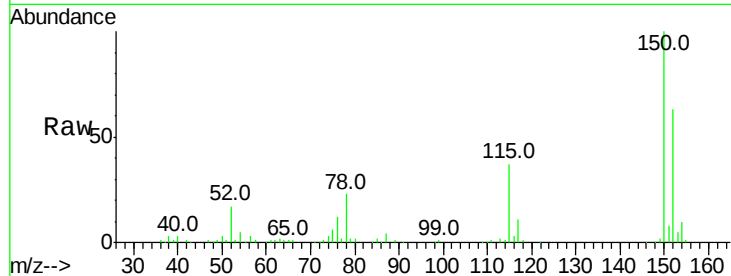


#1

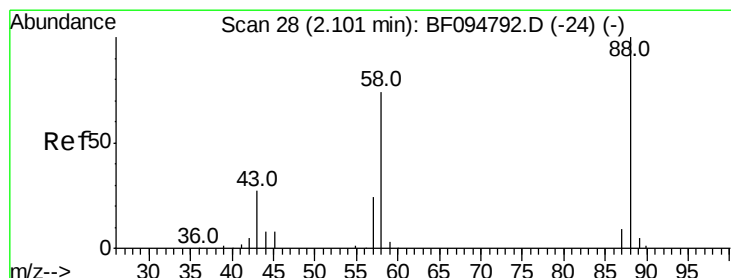
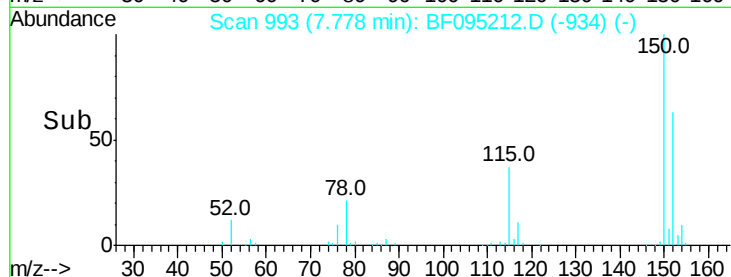
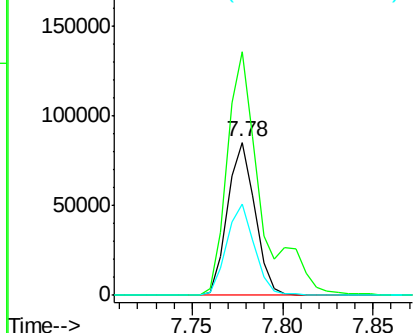
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90053
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 59.3 52.2 78.2



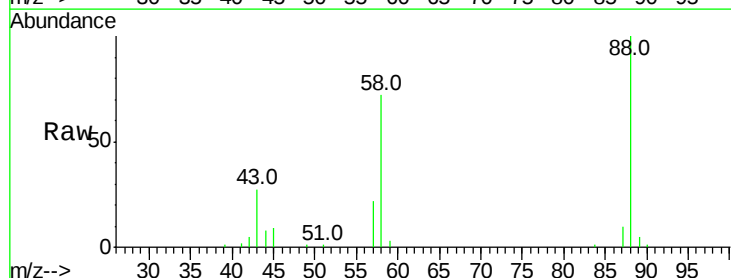
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



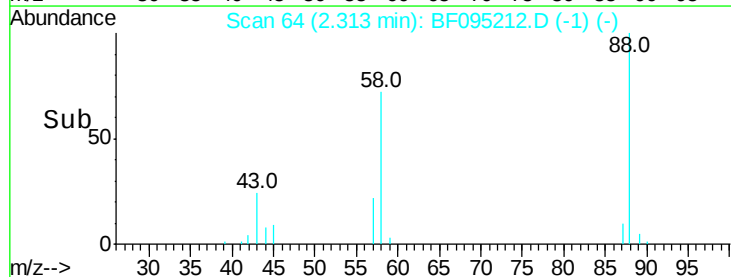
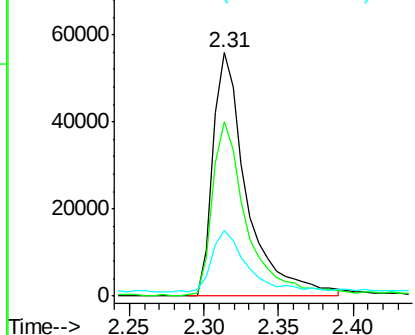
#2

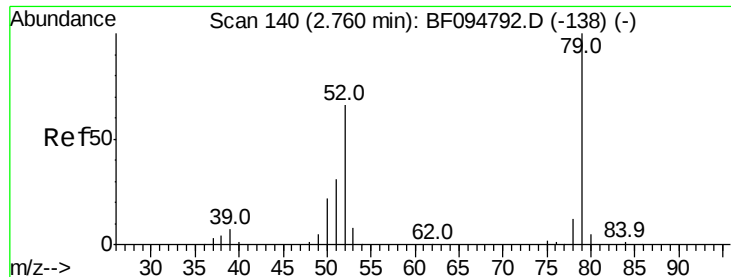
1,4-Dioxane
Concen: 33.47 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.21 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion: 88 Resp: 88659
Ion Ratio Lower Upper
88 100
58 72.7 61.4 92.0
43 26.8 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 17.85 ng

RT: 3.01 min Scan# 183

Delta R.T. 0.25 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

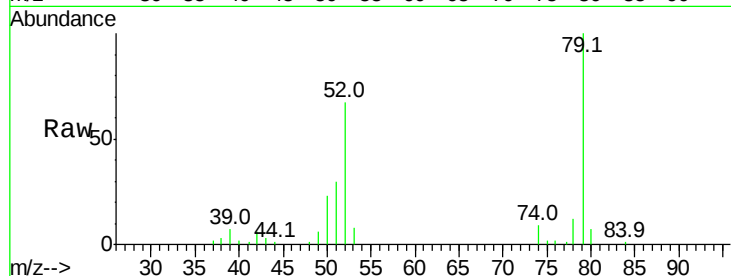
Tot Ion: 79 Resp: 109593

Ion Ratio Lower Upper

79 100

52 66.6 54.8 82.2

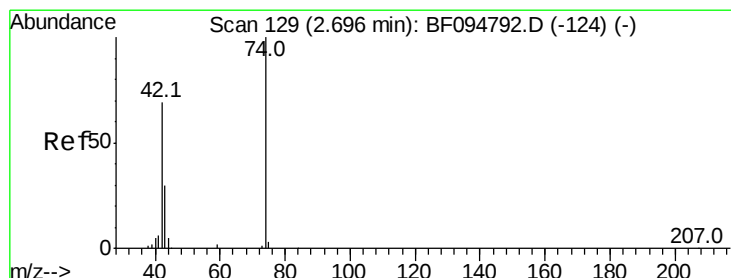
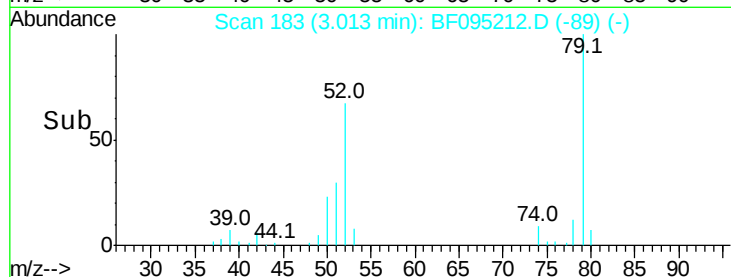
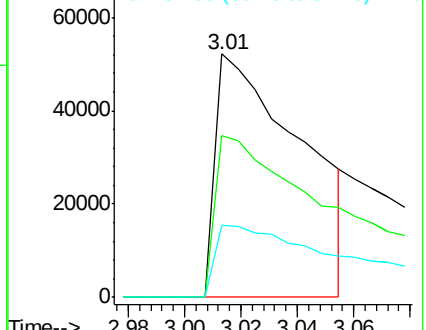
51 29.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.79 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.24 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

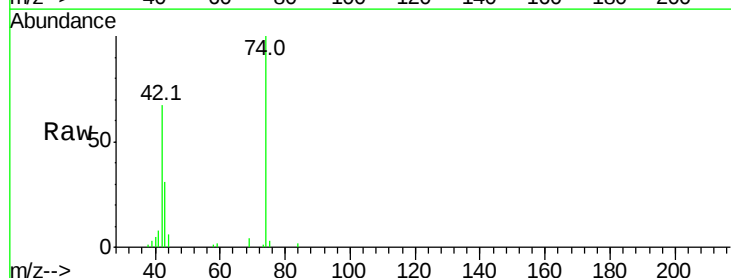
Tgt Ion: 42 Resp: 76224

Ion Ratio Lower Upper

42 100

74 149.8 103.9 155.9

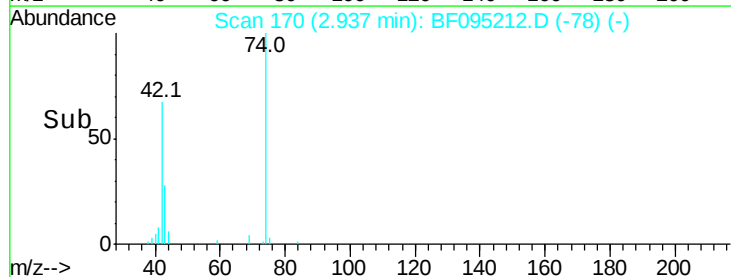
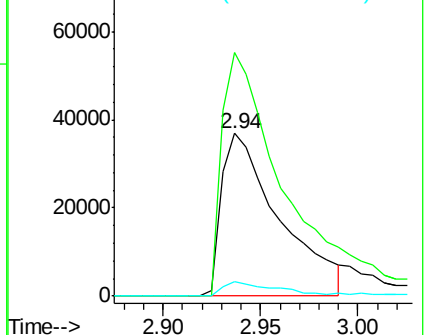
44 8.8 5.7 8.5#

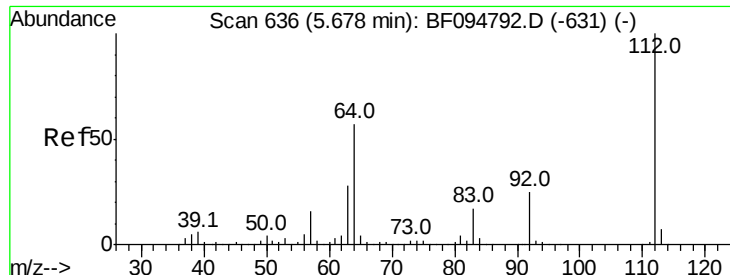


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 141.56 ng

RT: 5.75 min Scan# 649

Delta R.T. 0.08 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampled :

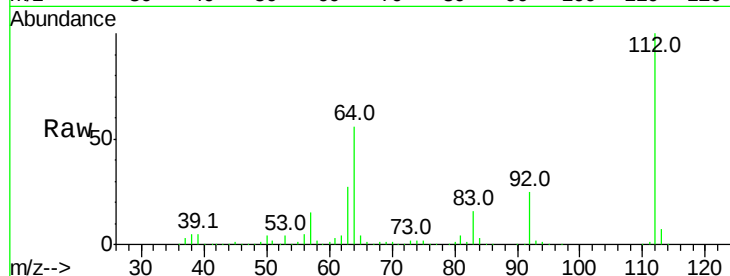
Tot Ion: 112 Resp: 764615

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

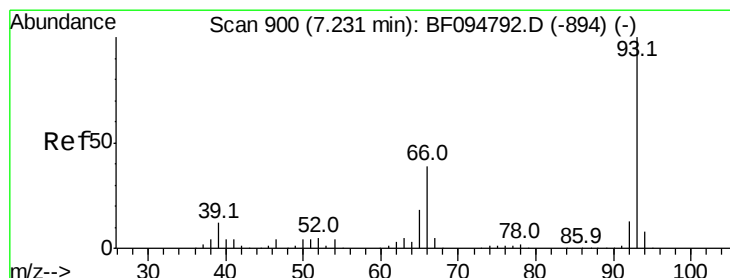
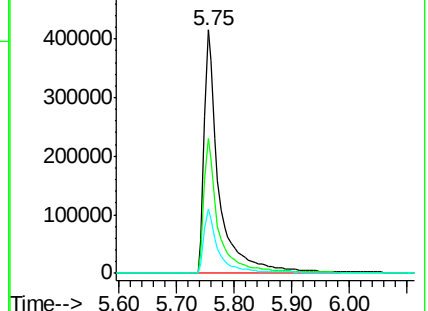
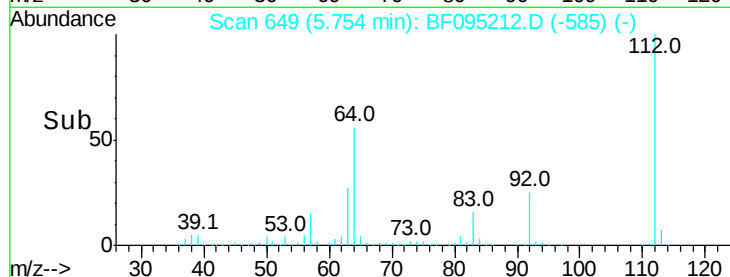
63 26.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.08 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

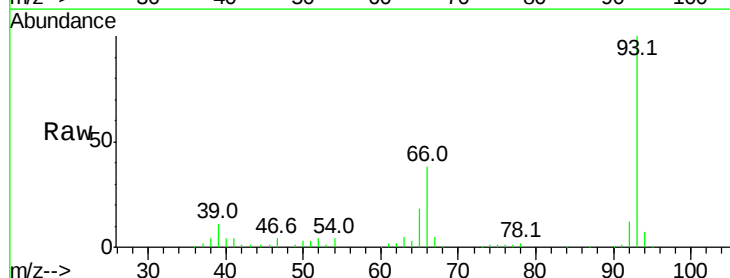
Tgt Ion: 93 Resp: 246110

Ion Ratio Lower Upper

93 100

66 37.5 32.9 49.3

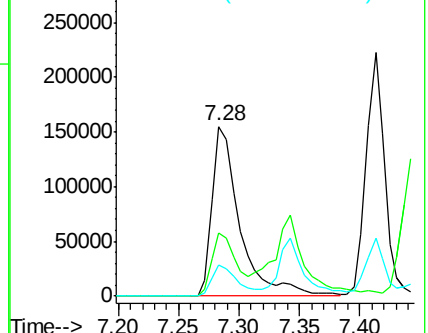
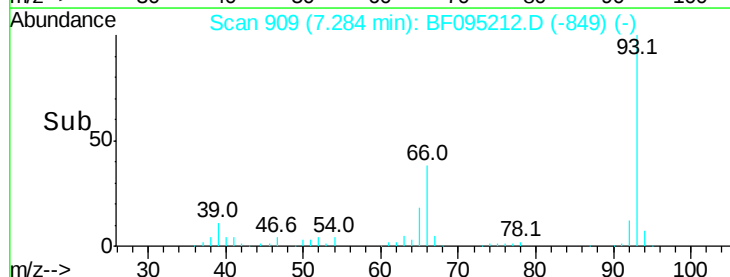
65 18.3 16.0 24.0

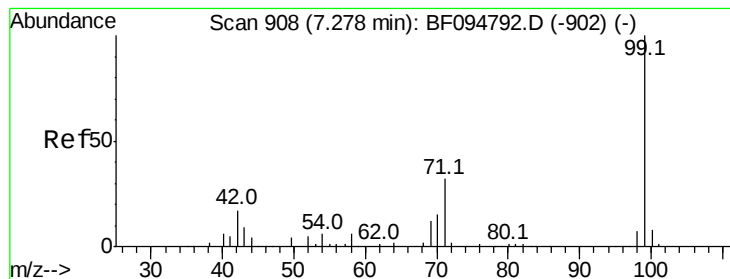


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.56 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095212.D

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ClientSampled :

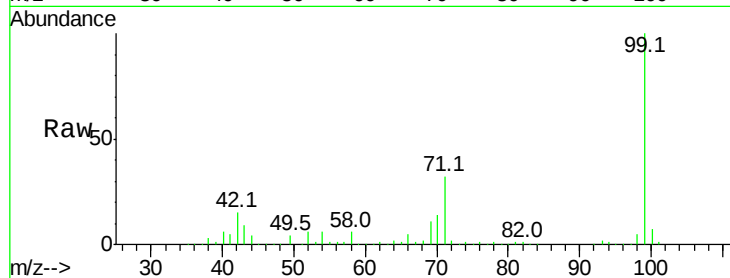
Tot Ion: 99 Resp: 852594

Ion Ratio Lower Upper

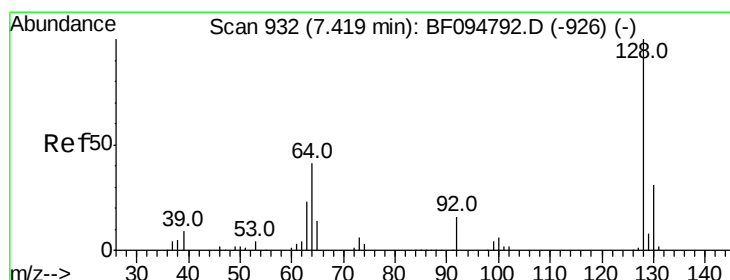
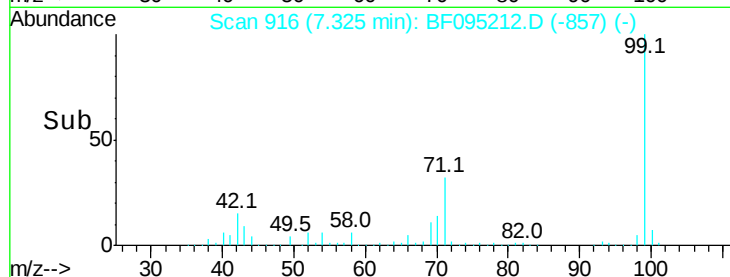
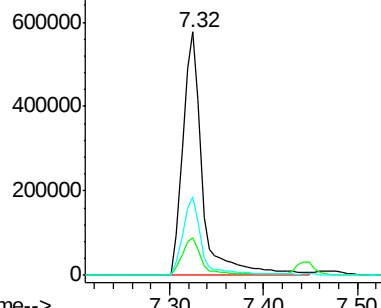
99 100

42 15.4 13.5 20.3

71 32.5 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: 43.82 ng

RT: 7.47 min Scan# 941

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

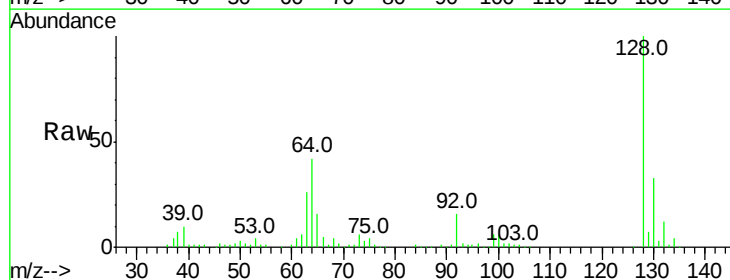
Tgt Ion: 128 Resp: 269382

Ion Ratio Lower Upper

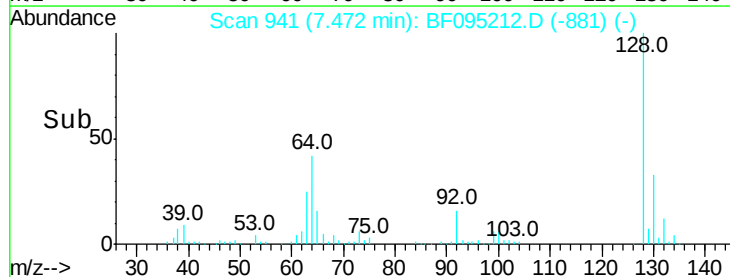
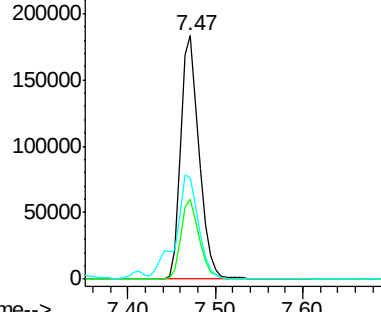
128 100

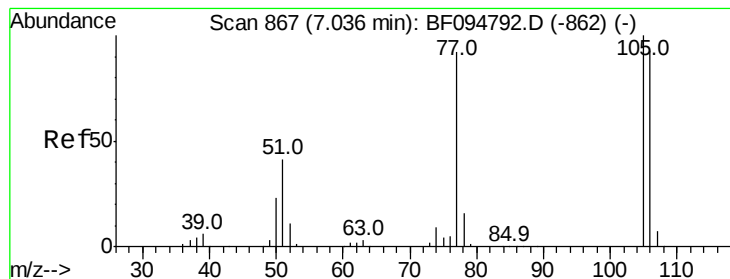
130 32.6 12.9 52.9

64 41.9 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: 19.54 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

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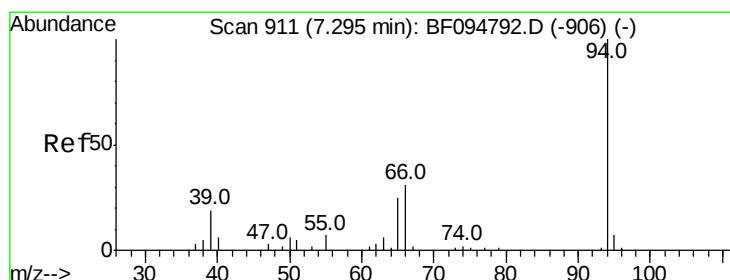
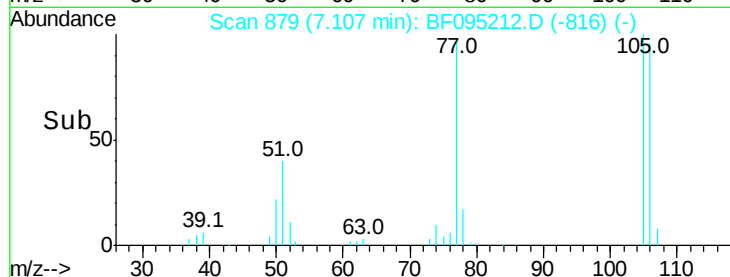
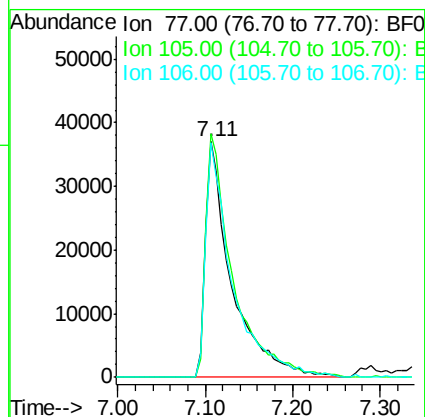
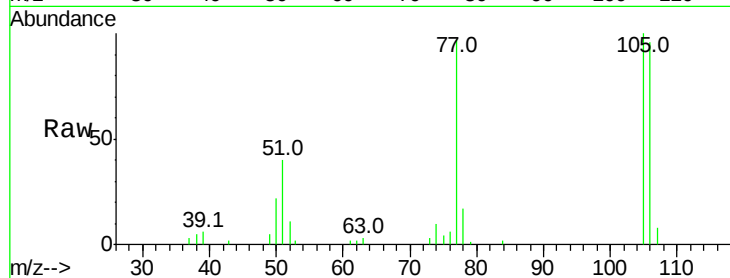
Tot Ion: 77 Resp: 77342

Ion Ratio Lower Upper

77 100

105 103.5 83.8 123.8

106 99.7 79.1 119.1



#10

Phenol

Concen: 40.52 ng

RT: 7.34 min Scan# 919

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

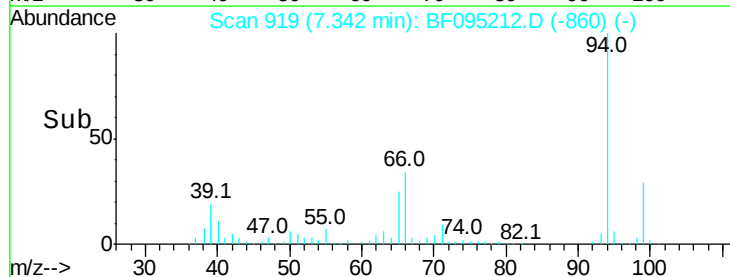
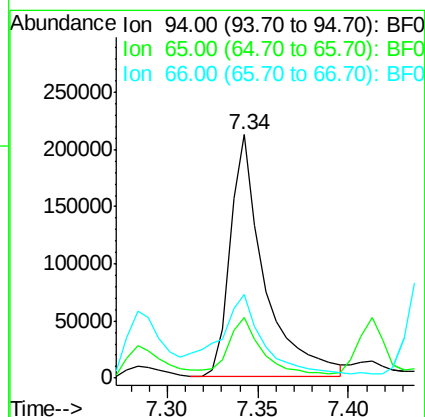
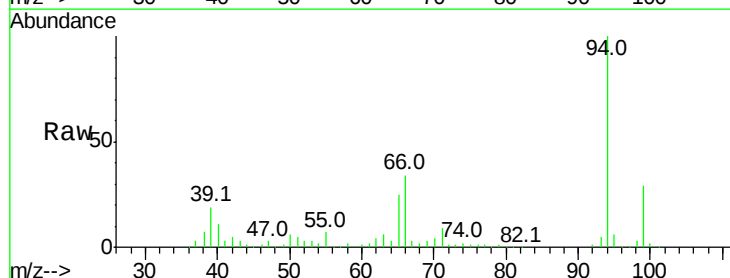
Tgt Ion: 94 Resp: 276694

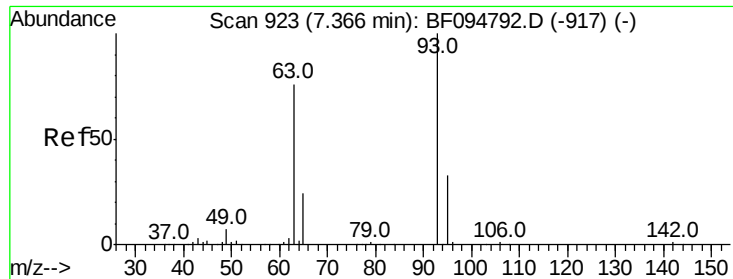
Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

66 34.5 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.04 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampled :

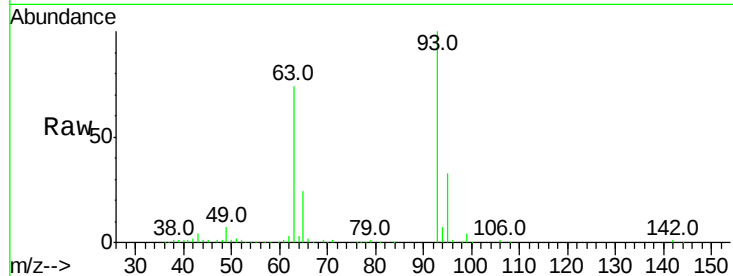
Tot Ion: 93 Resp: 237007

Ion Ratio Lower Upper

93 100

63 74.3 59.2 99.2

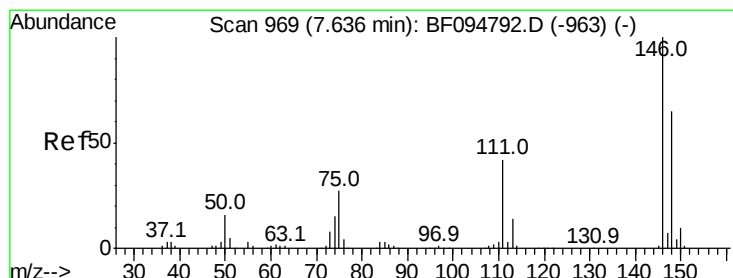
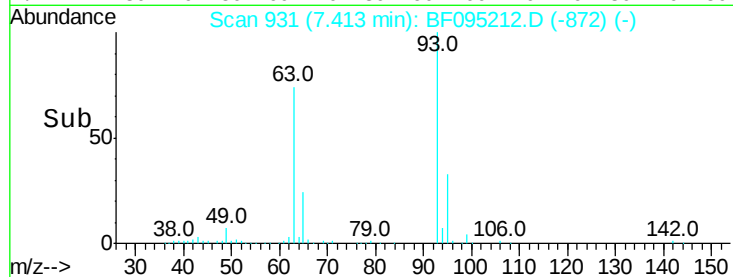
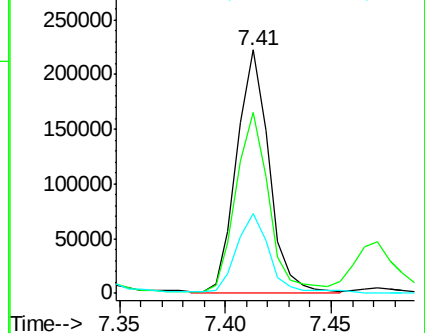
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.01 ng

RT: 7.68 min Scan# 977

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

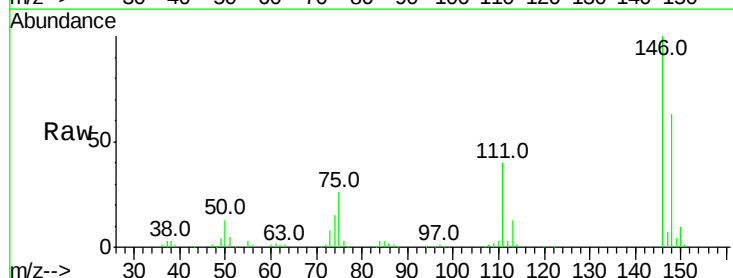
Tgt Ion: 146 Resp: 292991

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

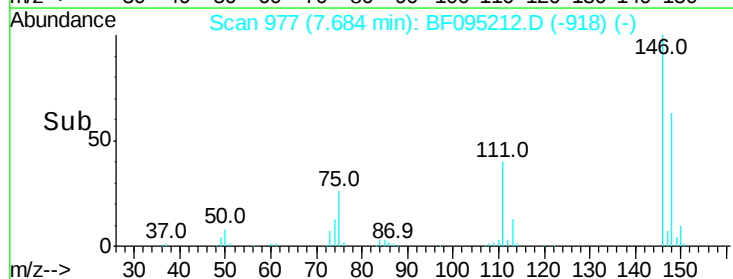
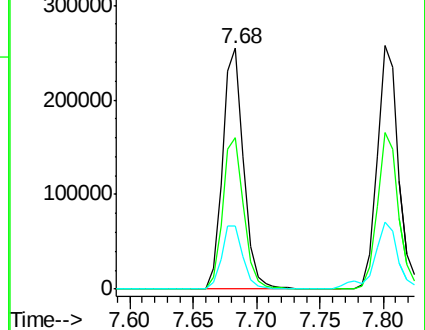
75 26.3 23.1 34.7

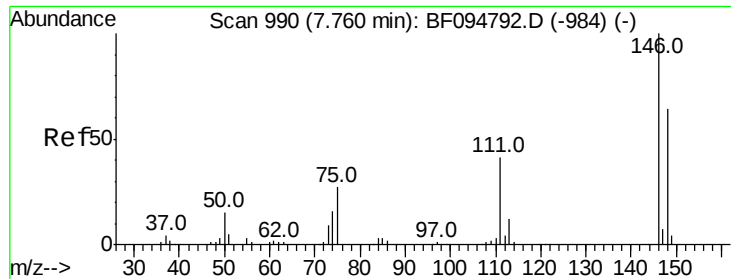


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

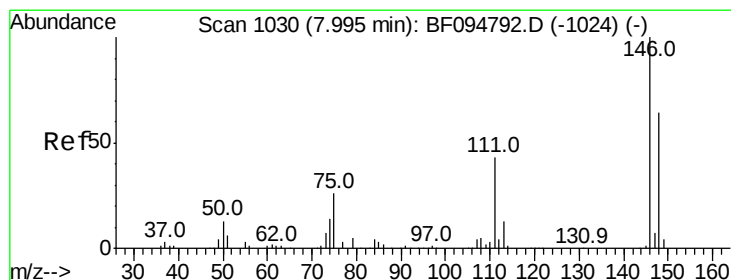
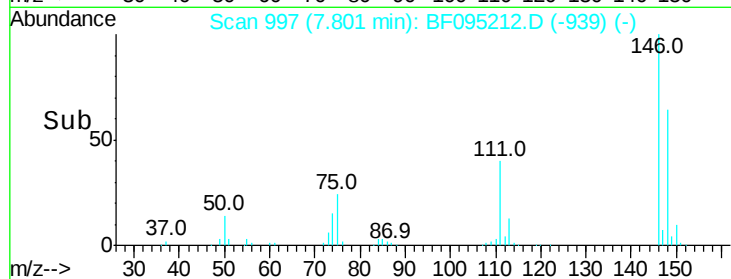
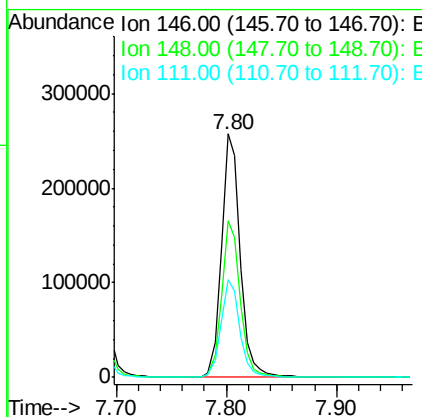
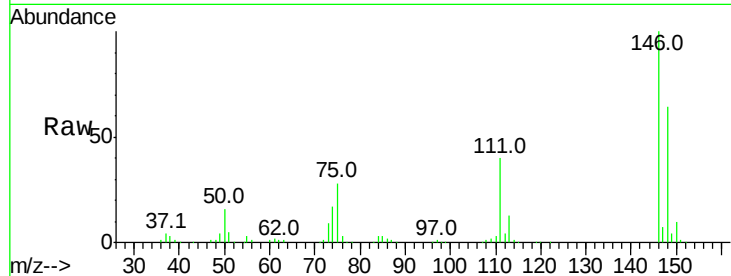




#13
 1,4-Dichlorobenzene
 Concen: 43.31 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

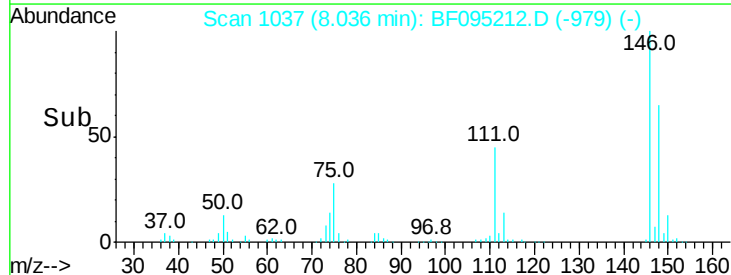
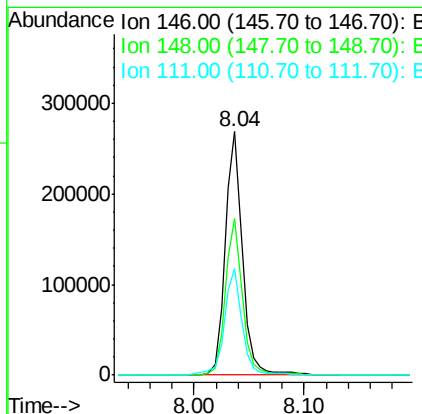
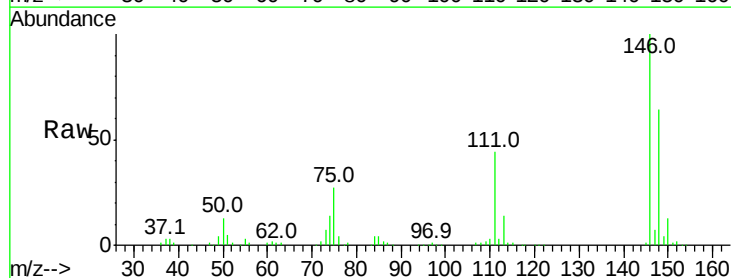
Instrument :
 BNA_F
 ClientSampleId :

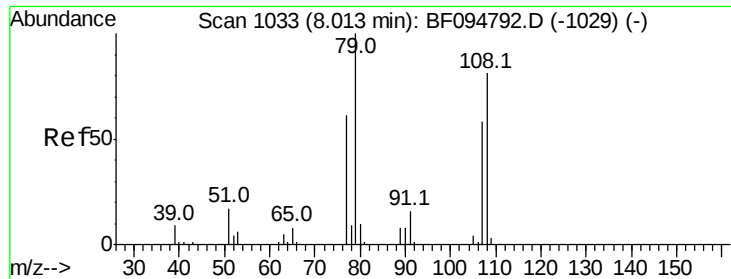
Tot Ion:146 Resp: 306325
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 39.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.37 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:146 Resp: 292930
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 43.6 38.2 57.4

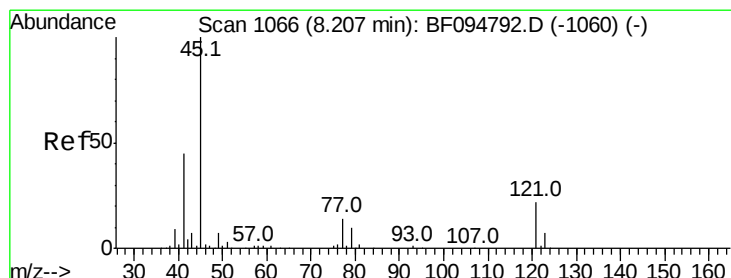
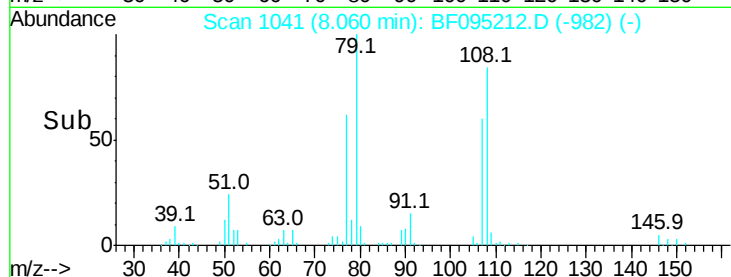
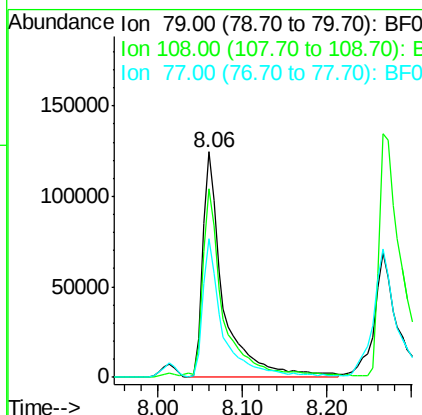
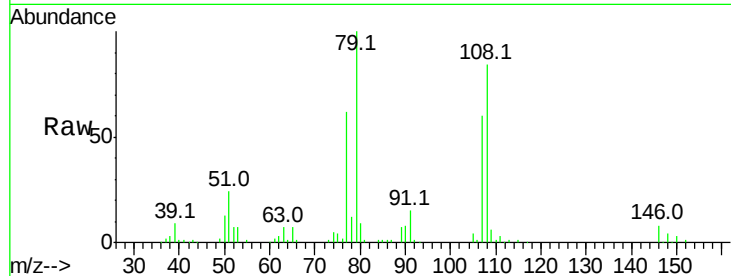




#15
Benzyl Alcohol
Concen: 50.64 ng
RT: 8.06 min Scan# 1041
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

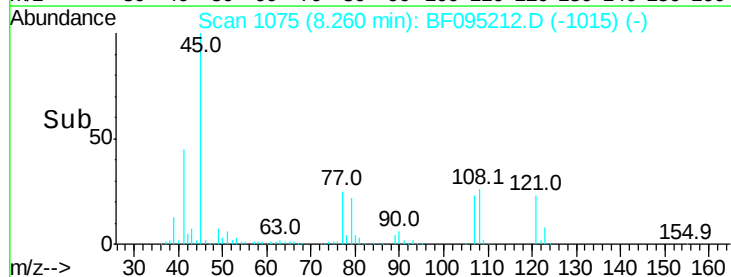
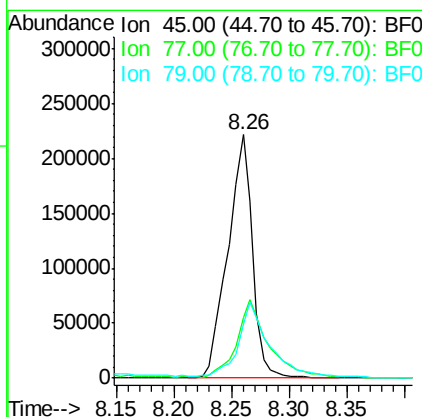
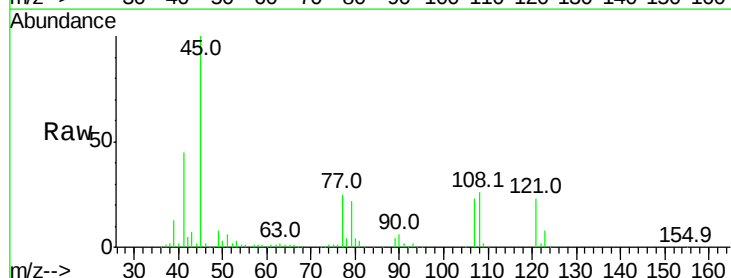
Instrument :
BNA_F
ClientSampleId :

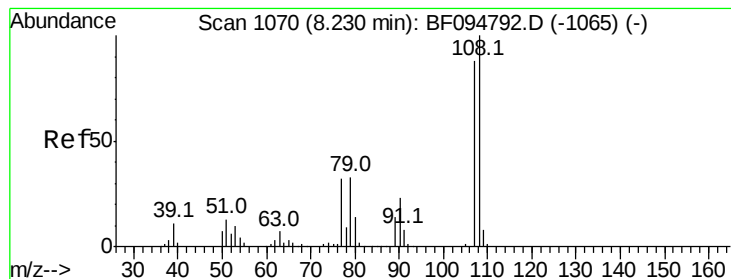
Tot Ion: 79 Resp: 211109
Ion Ratio Lower Upper
79 100
108 83.7 63.4 95.0
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.97 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion: 45 Resp: 326968
Ion Ratio Lower Upper
45 100
77 24.8 0.0 33.2
79 22.3 0.0 30.0

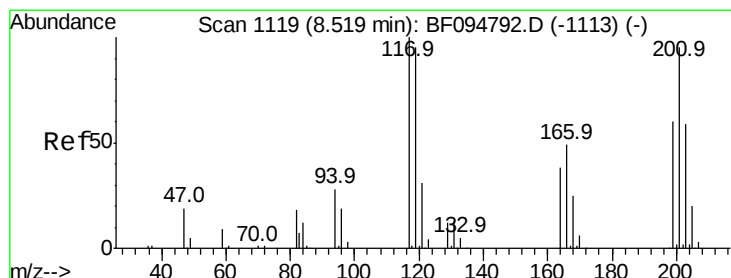
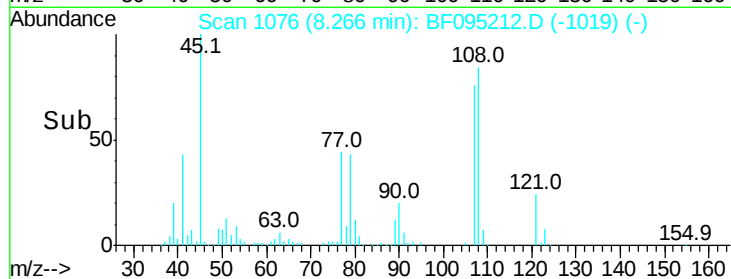
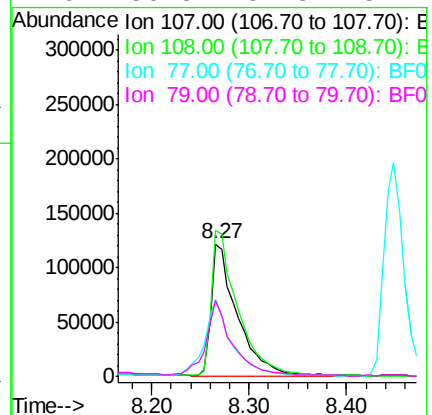
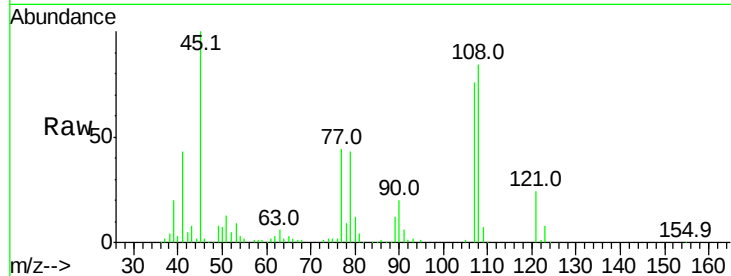




#17
2-Methylphenol
Concen: 44.70 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

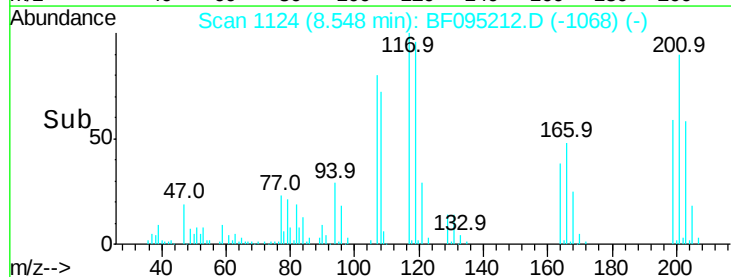
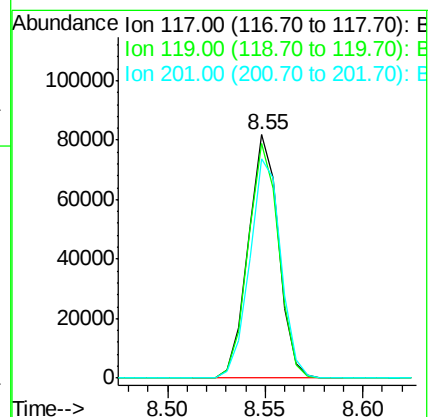
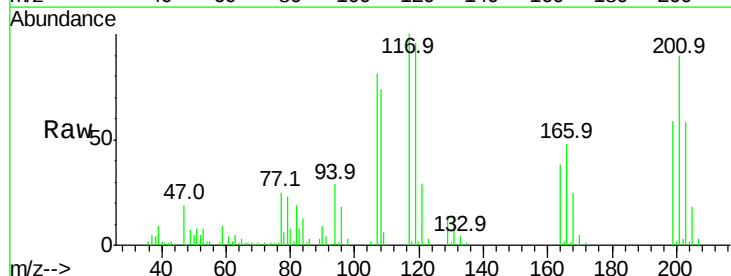
Instrument :
BNA_F
ClientSampled :

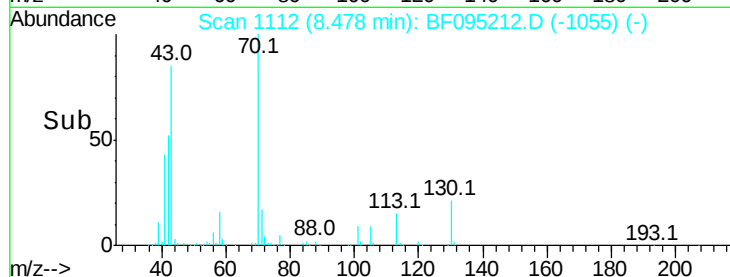
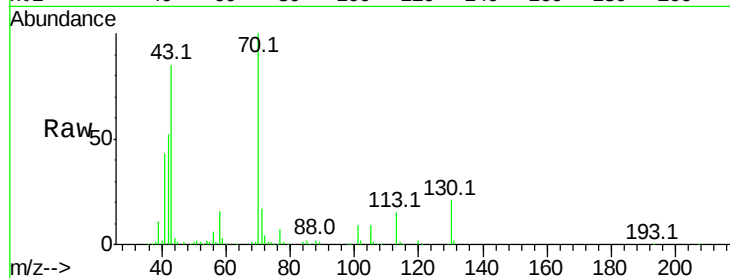
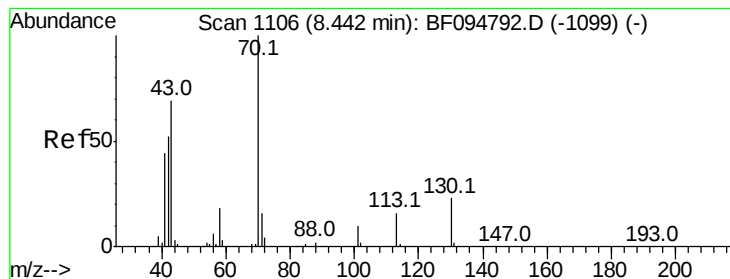
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	93.4	140.0
77	58.5	35.8	53.6#
79	56.8	34.8	52.2#



#18
Hexachloroethane
Concen: 36.77 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	90.1	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 43.86 ng

RT: 8.48 min Scan# 1112

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 192242

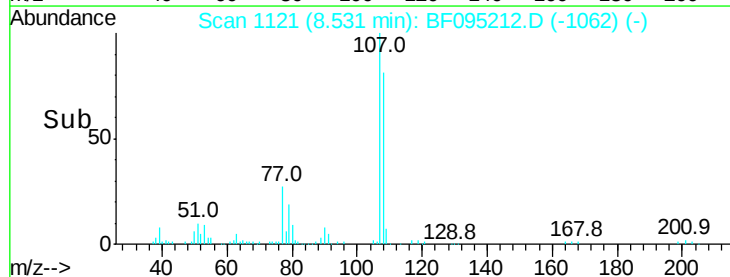
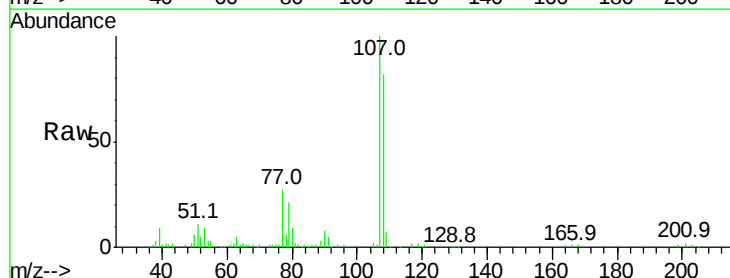
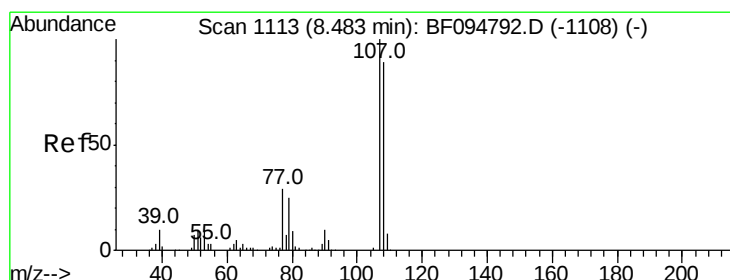
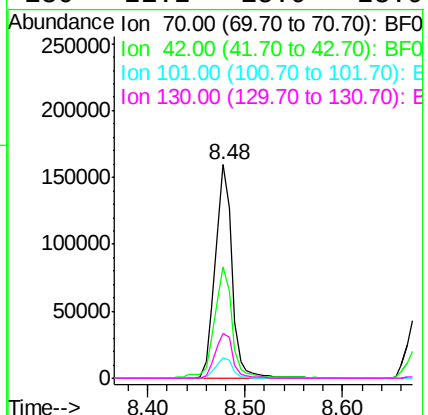
Ion Ratio Lower Upper

70 100

42 51.9 47.2 70.8

101 9.4 7.2 10.8

130 21.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.16 ng

RT: 8.53 min Scan# 1121

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion: 107 Resp: 295107

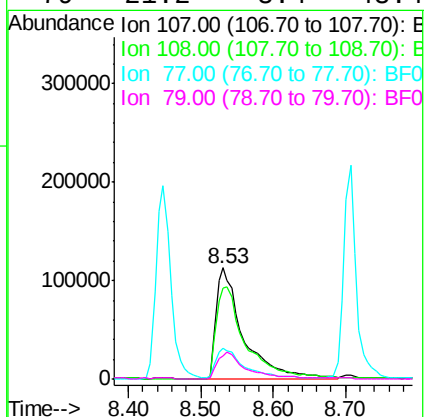
Ion Ratio Lower Upper

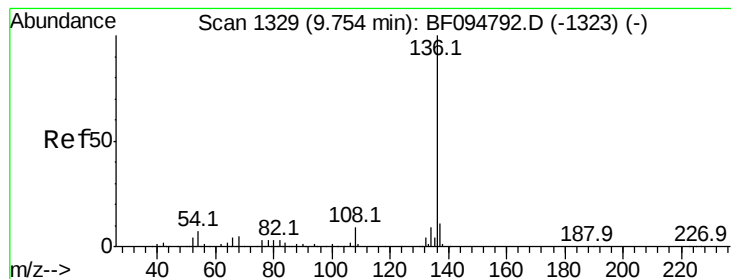
107 100

108 81.8 71.0 111.0

77 27.4 90.5 130.5#

79 21.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

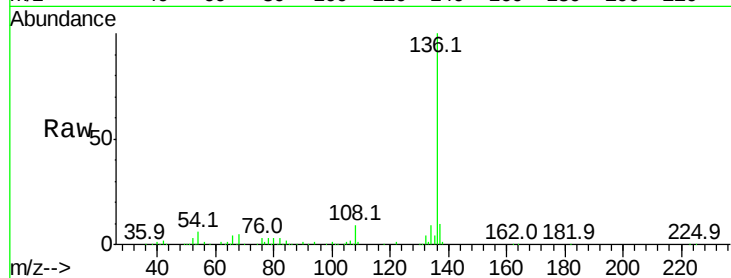
Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	331836
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	6.5	4.9 7.3
68	5.4	4.1 6.1

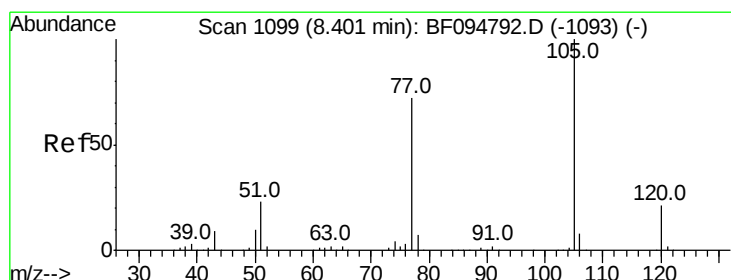
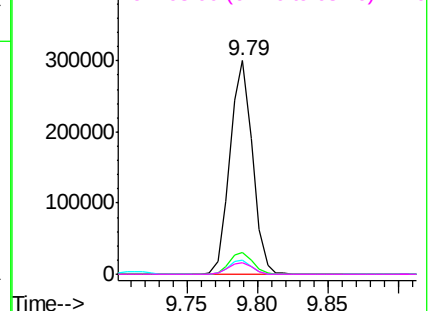
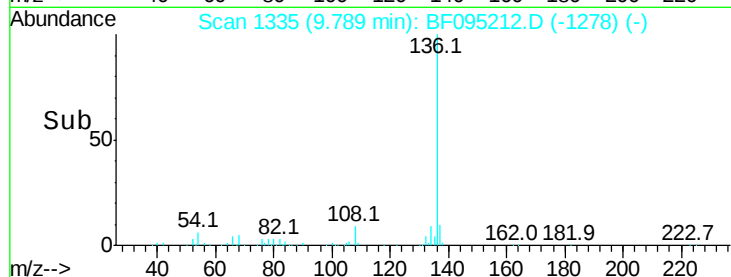


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.26 ng

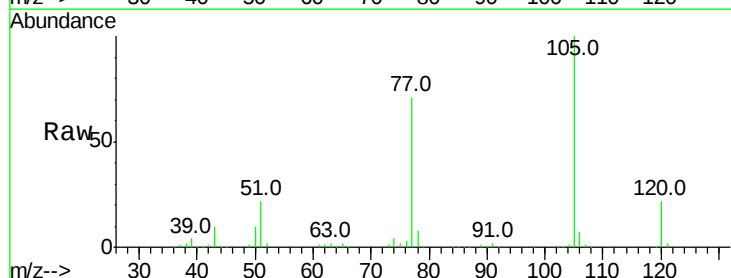
RT: 8.45 min Scan# 1107

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:105	Resp:	384231
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.3	30.7 46.1#
120	22.1	17.4 26.0

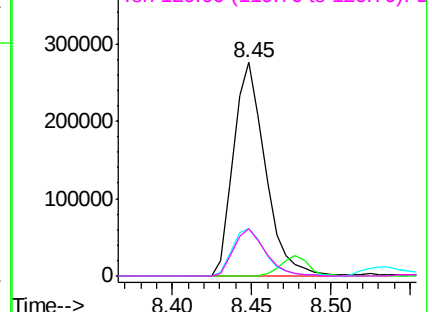
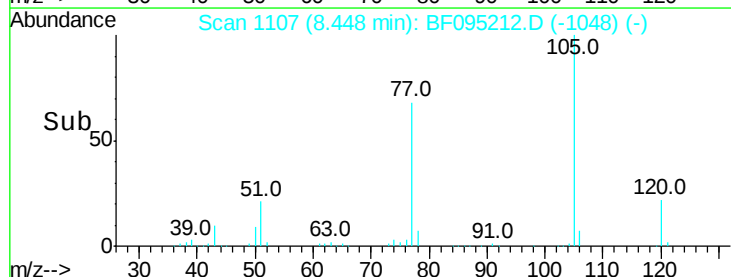


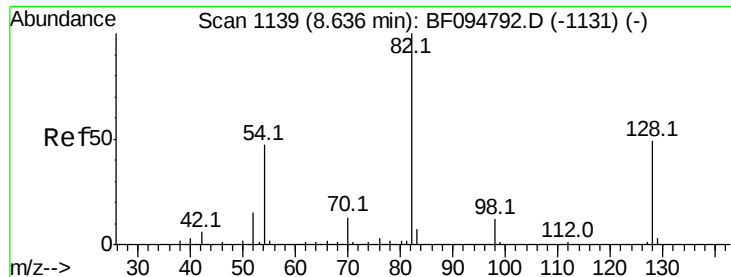
Abundance Ion 105.00 (104.70 to 105.70): E

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

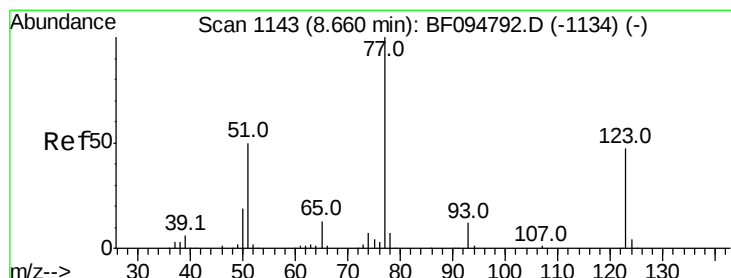
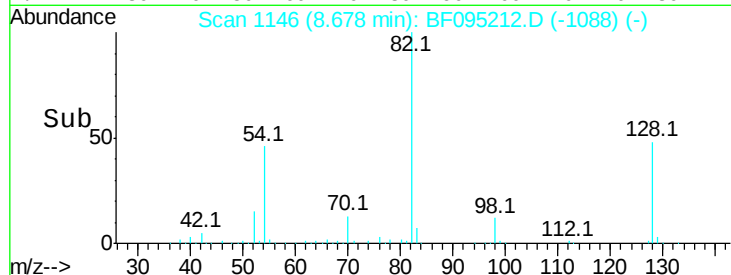
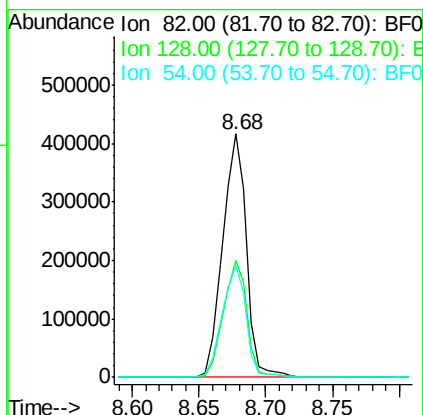
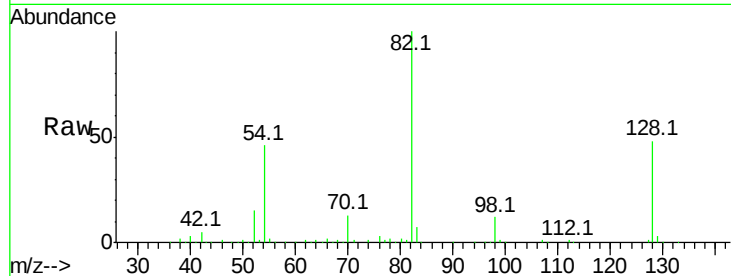




#23
 Nitrobenzene-d5
 Concen: 99.44 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

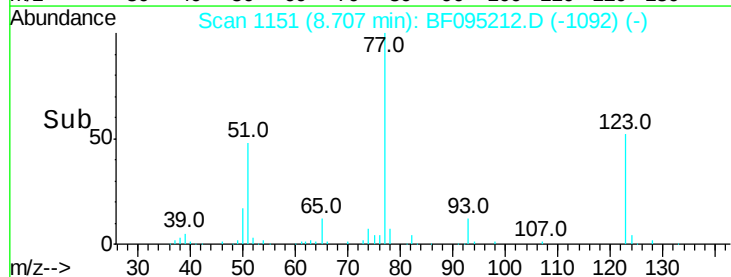
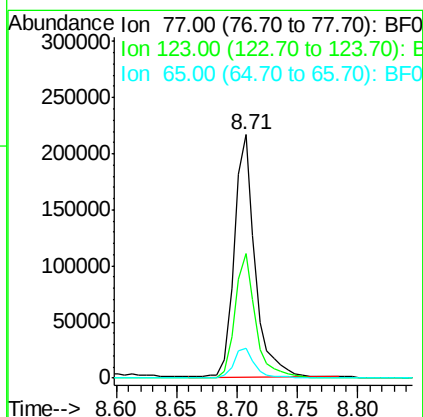
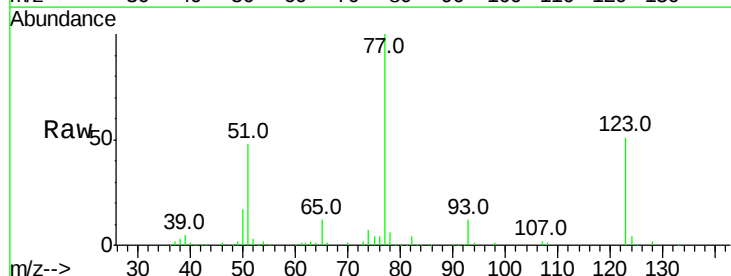
Instrument :
 BNA_F
 ClientSampleId :

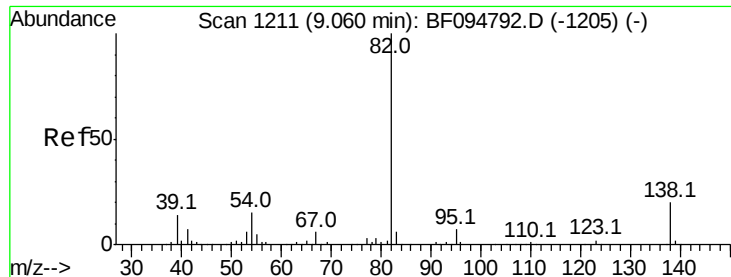
Tot Ion: 82 Resp: 523286
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 45.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 46.92 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion: 77 Resp: 258807
 Ion Ratio Lower Upper
 77 100
 123 51.3 35.8 53.8
 65 12.1 10.6 15.8





#25

Isophorone

Concen: 50.14 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

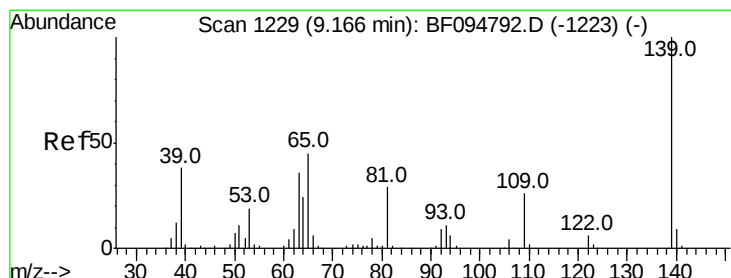
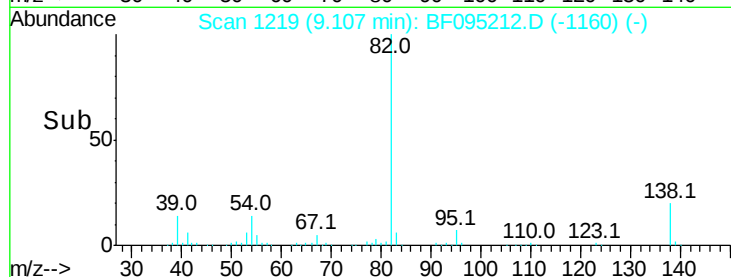
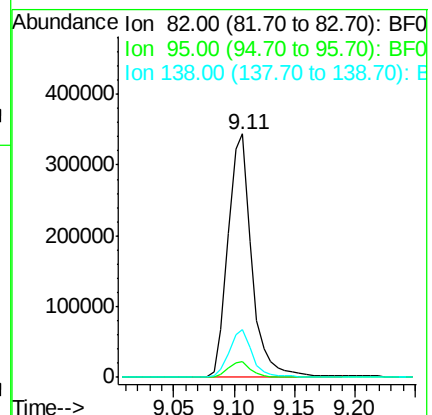
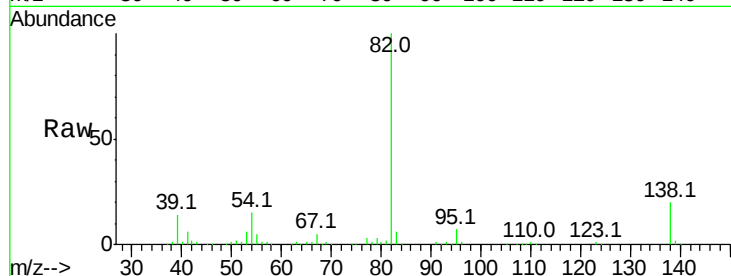
Tot Ion: 82 Resp: 471132

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 44.08 ng

RT: 9.21 min Scan# 1236

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

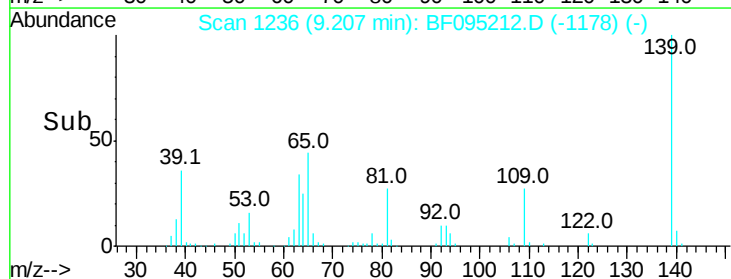
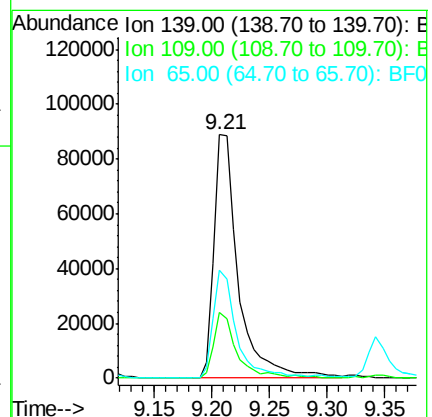
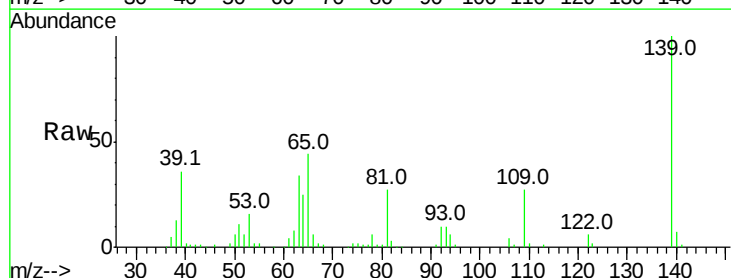
Tgt Ion:139 Resp: 131211

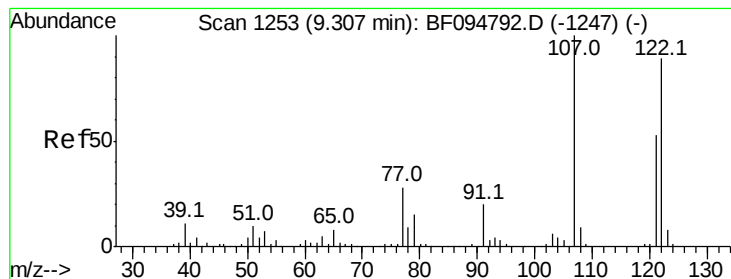
Ion Ratio Lower Upper

139 100

109 26.8 21.0 31.6

65 44.3 33.0 49.6

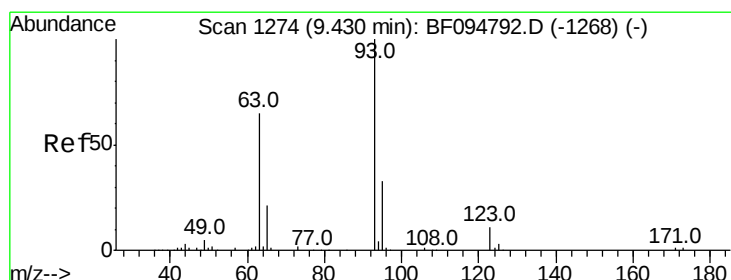
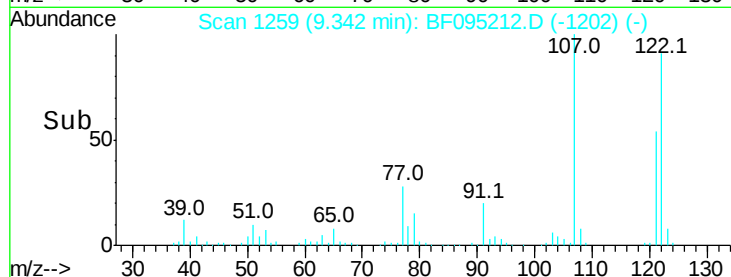
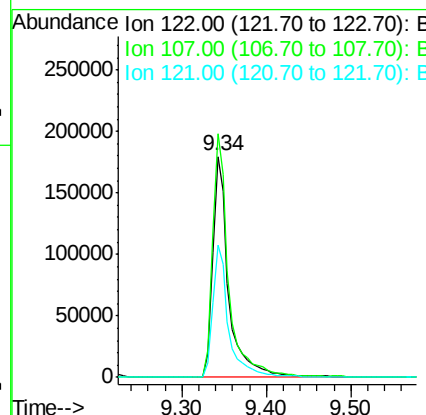
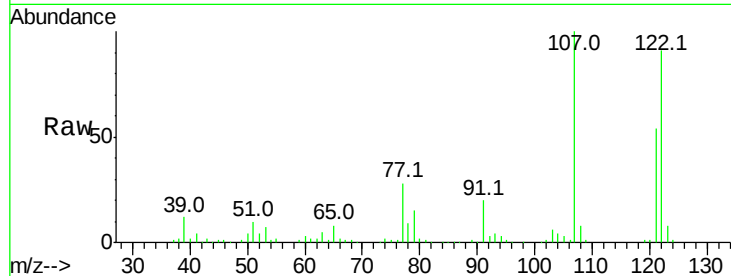




#27
 2,4-Dimethylphenol
 Concen: 49.82 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

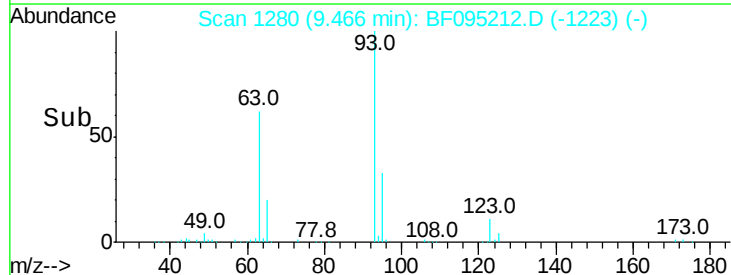
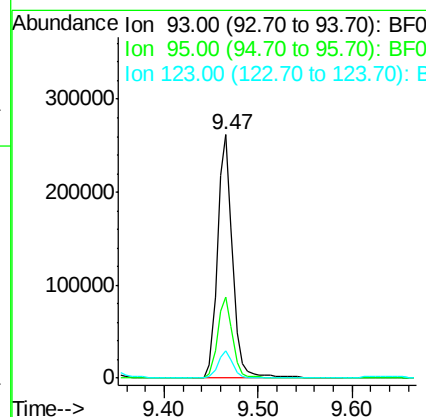
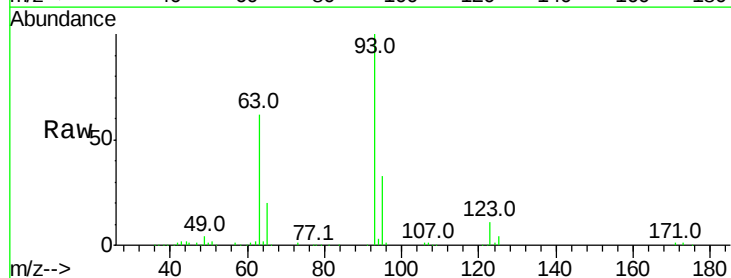
Instrument :
 BNA_F
 ClientSampled :

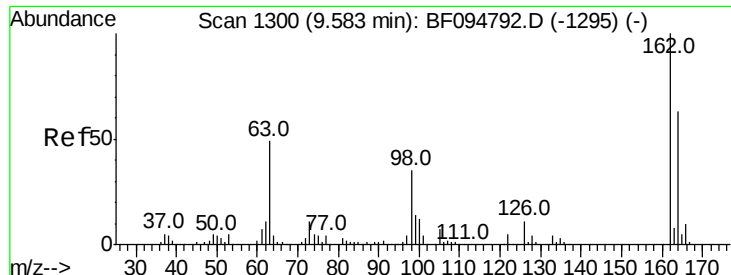
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	89.2	133.8
121	60.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.81 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.4	9.0	13.4

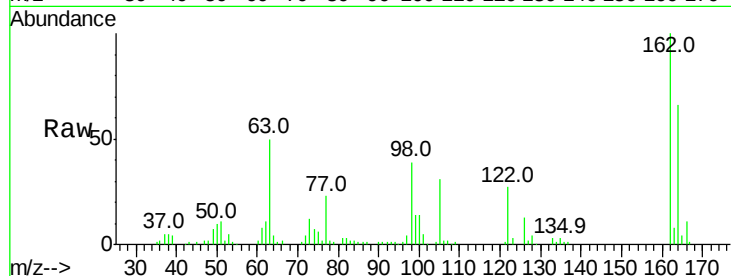




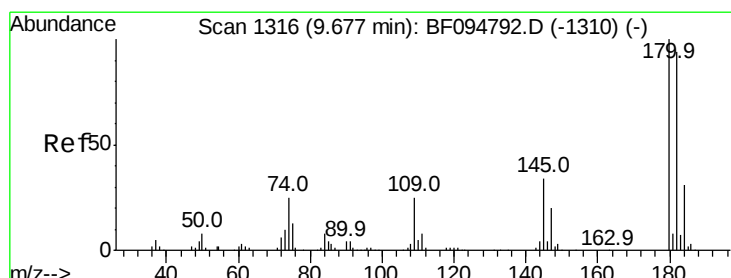
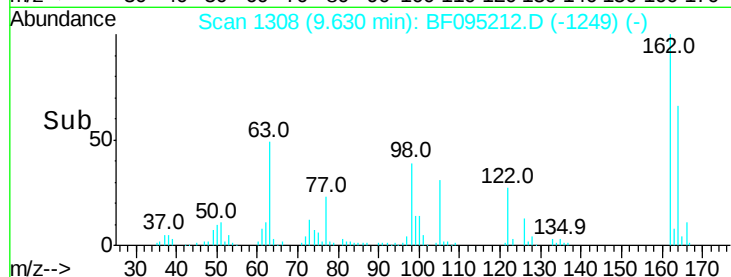
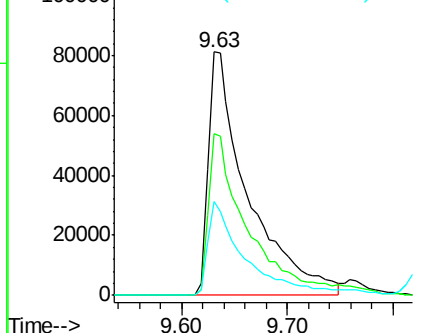
#29
 2,4-Dichlorophenol
 Concen: 46.56 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.6	84.6
98	38.5	14.8	54.8

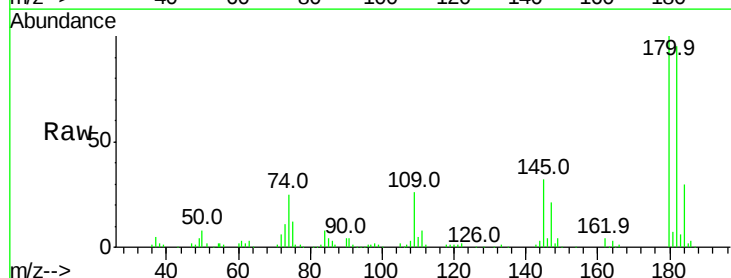


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

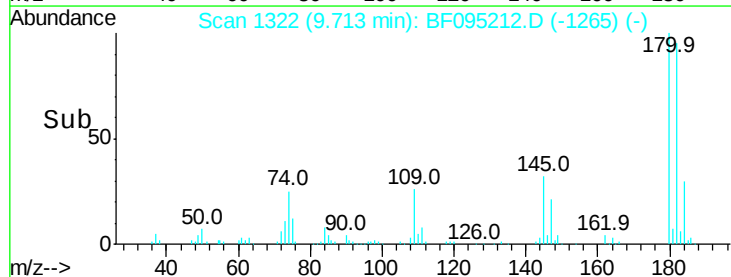
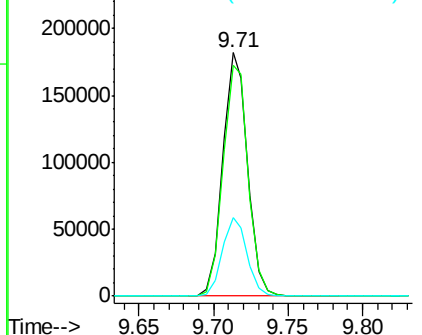


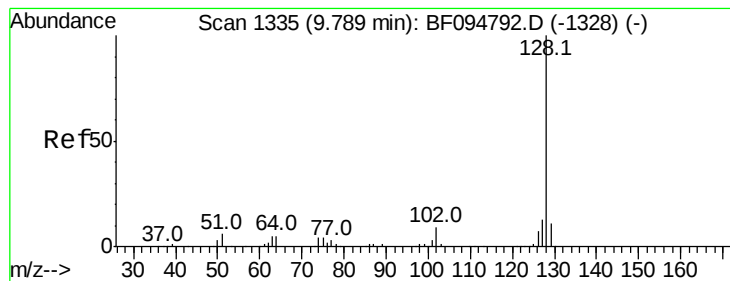
#30
 1,2,4-Trichlorobenzene
 Concen: 43.74 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	32.5	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: 42.69 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

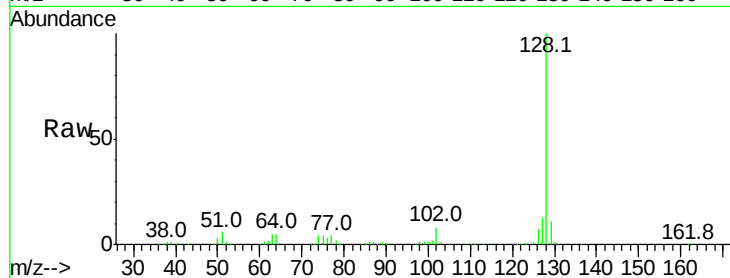
Tot Ion:128 Resp: 711912

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.4 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

800000

600000

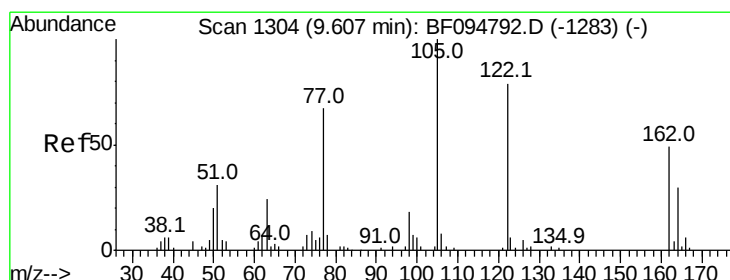
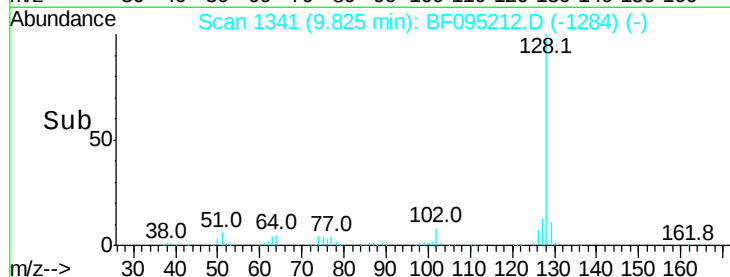
400000

200000

0

9.75 9.80 9.85 9.90 9.95

Time-->



#32

Benzoic acid

Concen: 29.12 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

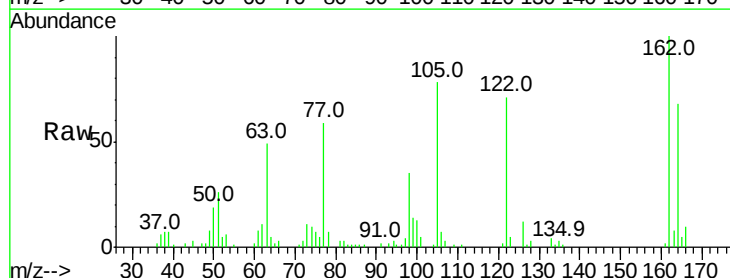
Tgt Ion:122 Resp: 84942

Ion Ratio Lower Upper

122 100

105 109.9 103.3 143.3

77 82.6 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

40000

30000

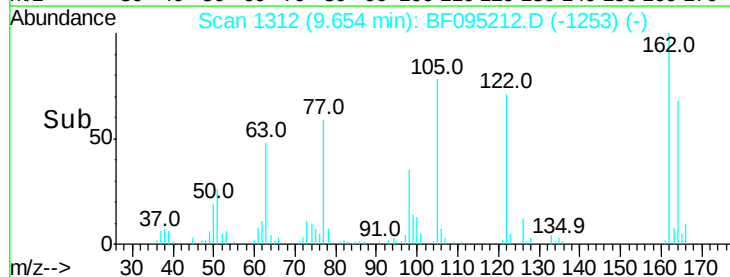
20000

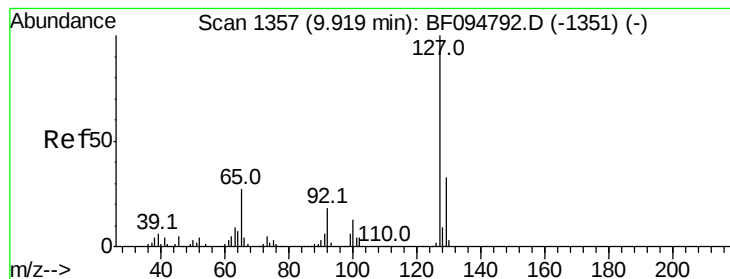
10000

0

9.55 9.60 9.65 9.70

Time-->





#33

4-Chloroaniline

Concen: 10.81 ng

RT: 9.99 min Scan# 1369

Delta R.T. 0.07 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 67165

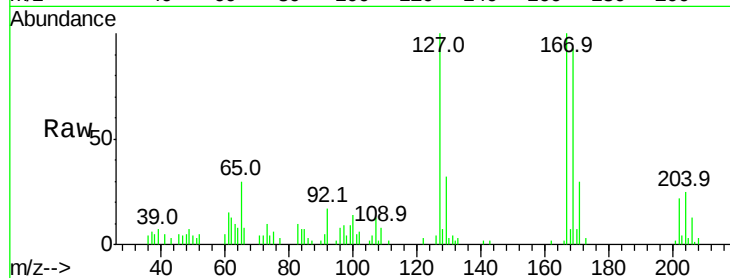
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.2

65 29.7 27.8 41.8

92 17.4 16.8 25.2

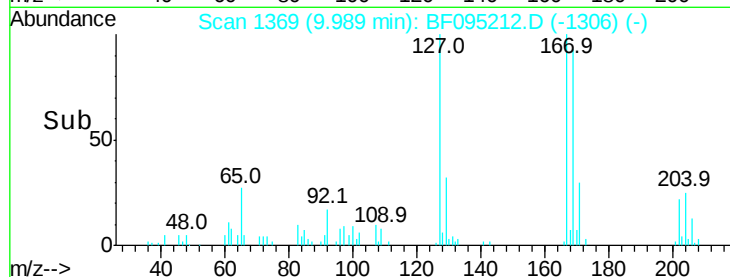


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

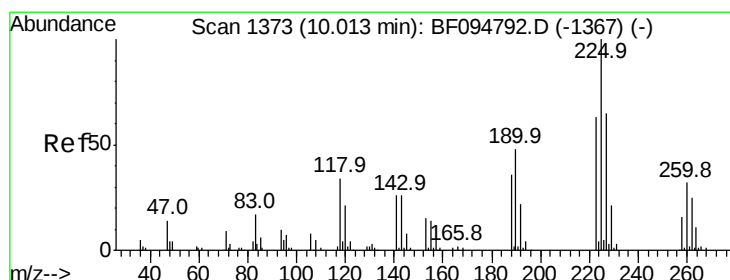
Ion 92.00 (91.70 to 92.70): BF0



Time--> 9.90

10.00

10.10



#34

Hexachlorobutadiene

Concen: 44.84 ng

RT: 10.04 min Scan# 1377

Delta R.T. 0.02 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

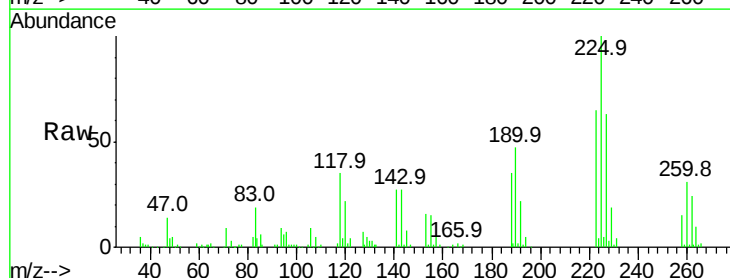
Tgt Ion:225 Resp: 115168

Ion Ratio Lower Upper

225 100

223 64.7 48.8 73.2

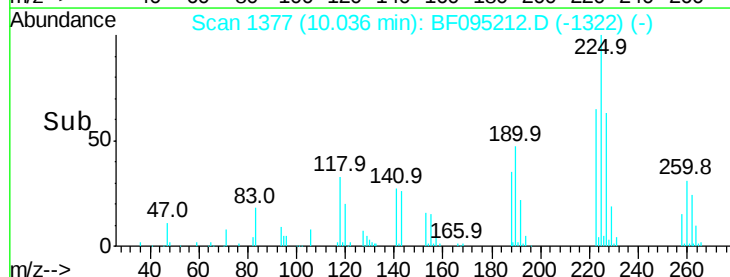
227 62.6 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

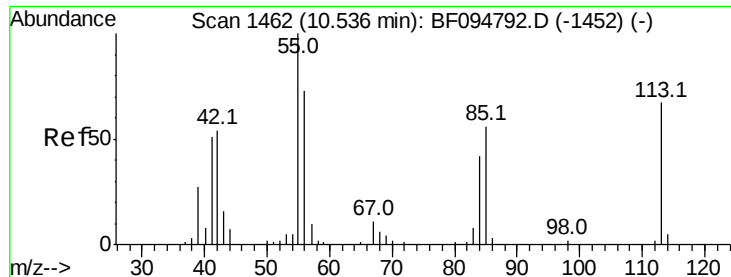
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time--> 10.00

10.05



#35

Caprolactam

Concen: 26.76 ng

RT: 10.58 min Scan# 1470

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampled :

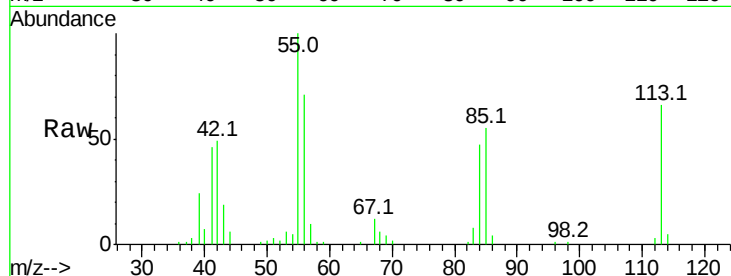
Tot Ion:113 Resp: 36509

Ion Ratio Lower Upper

113 100

55 151.8 150.2 190.2

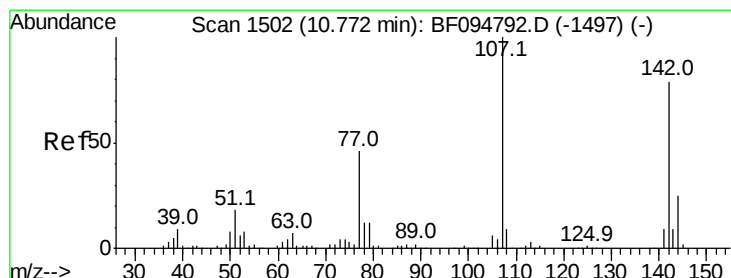
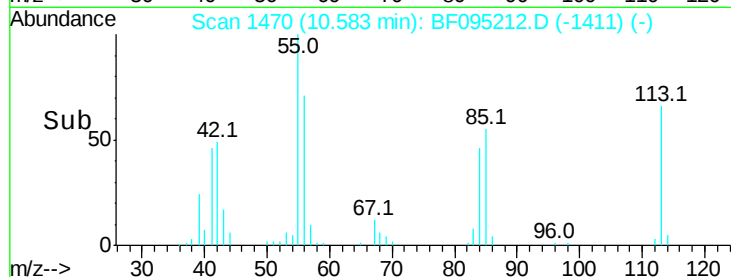
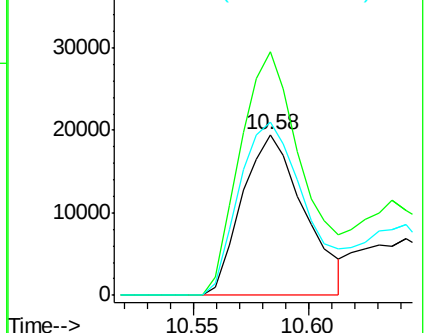
56 108.2 107.8 147.8



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: 45.82 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

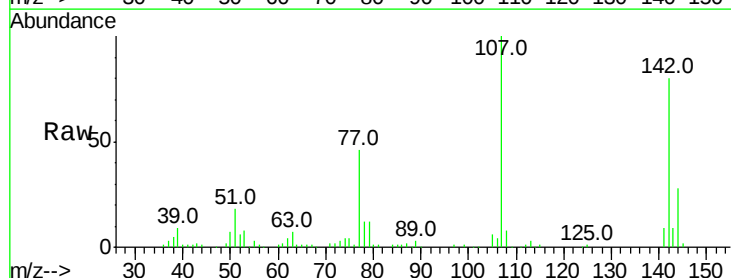
Tgt Ion:107 Resp: 222596

Ion Ratio Lower Upper

107 100

144 27.5 24.2 36.4

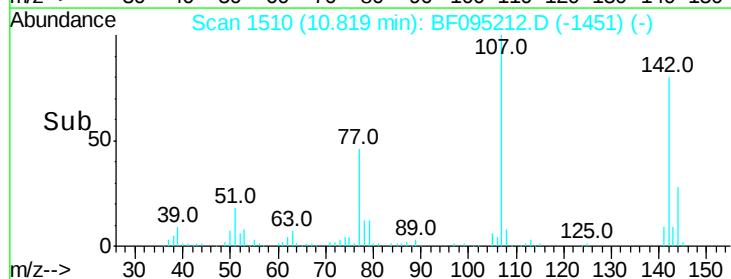
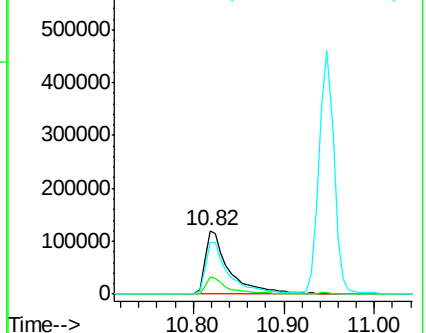
142 80.3 73.4 110.0

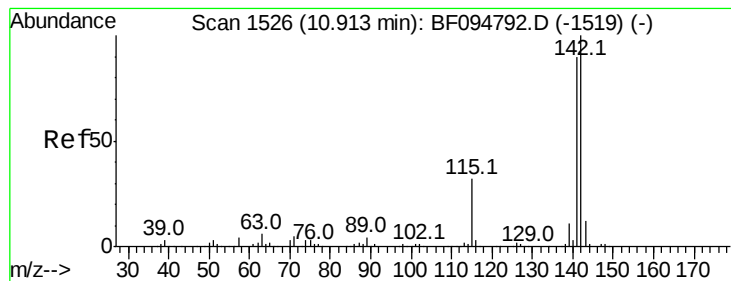


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.99 ng

RT: 10.95 min Scan# 1532

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

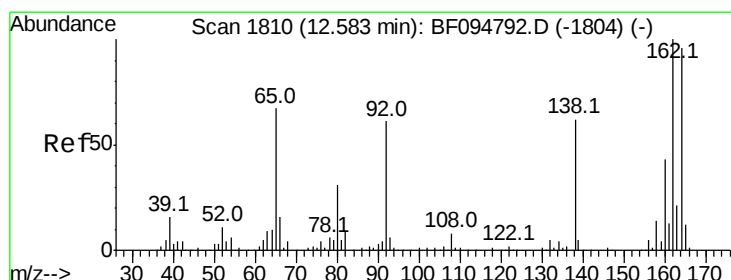
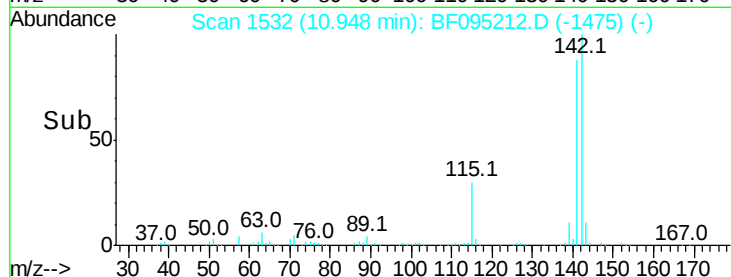
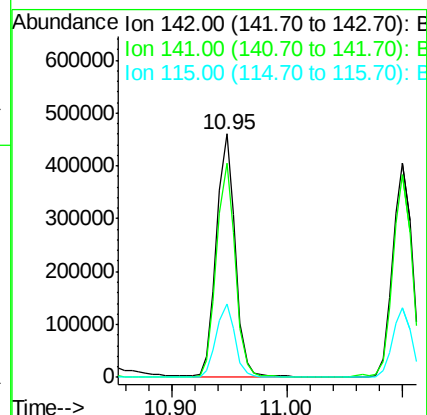
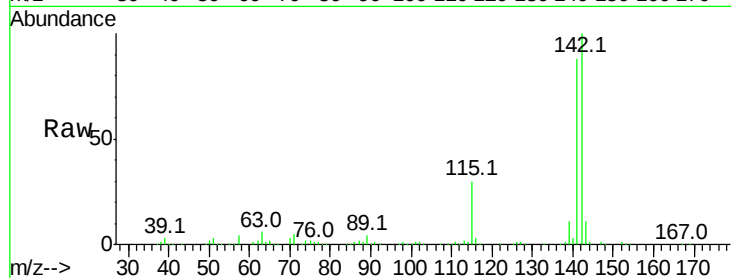
Tot Ion:142 Resp: 525313

Ion Ratio Lower Upper

142 100

141 88.2 71.3 106.9

115 30.1 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

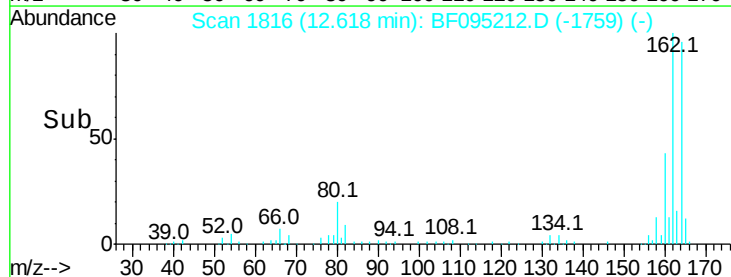
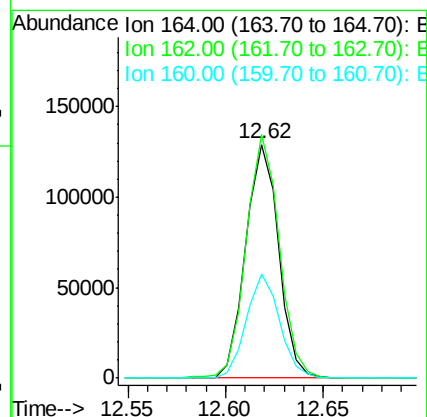
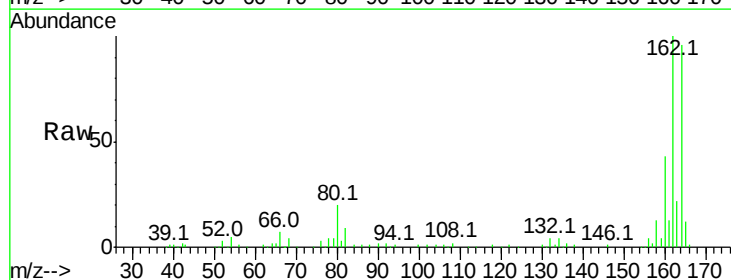
Tgt Ion:164 Resp: 150872

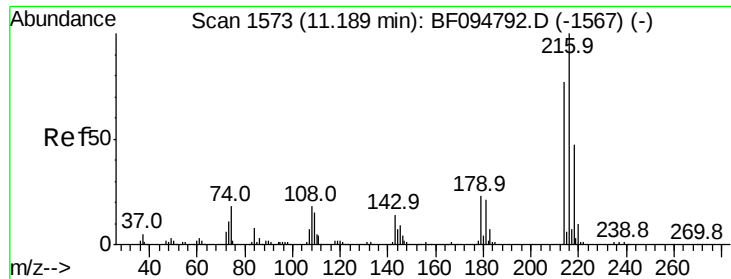
Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

160 44.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.83 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 203377

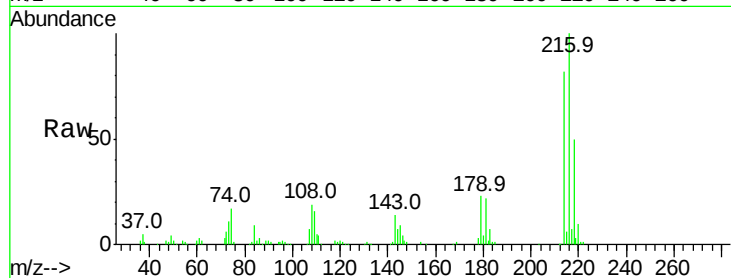
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 22.3 17.9 26.9

108 18.4 16.5 24.7

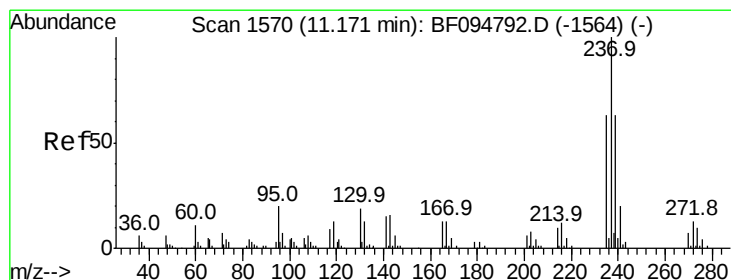
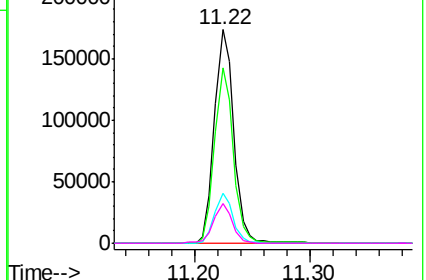
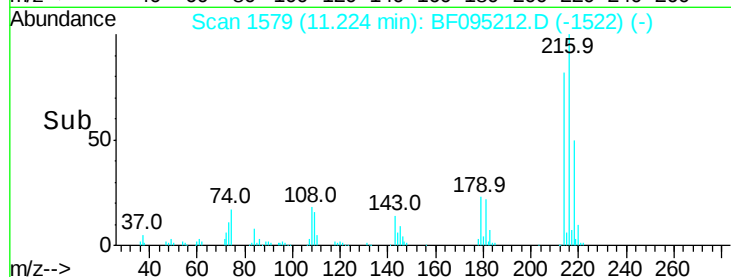


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.17 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

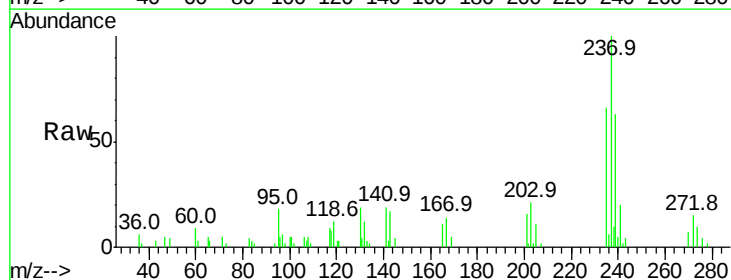
Tgt Ion:237 Resp: 23451

Ion Ratio Lower Upper

237 100

235 66.2 42.6 82.6

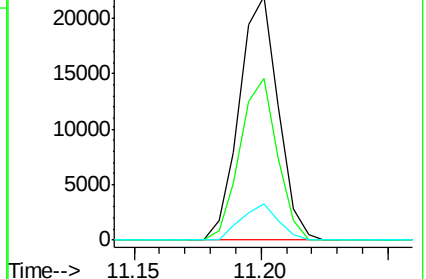
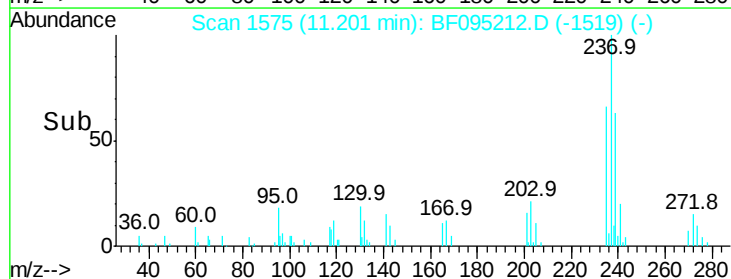
272 14.8 0.0 31.9

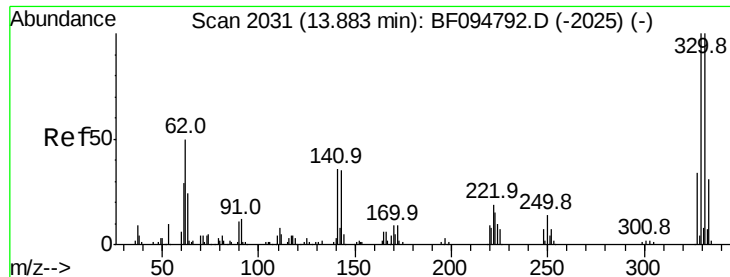


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

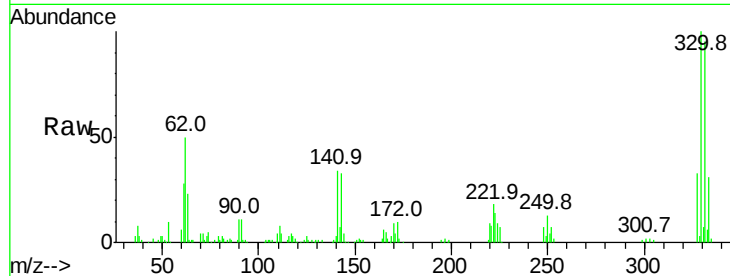




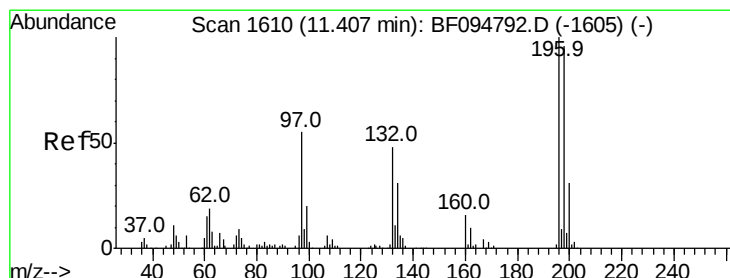
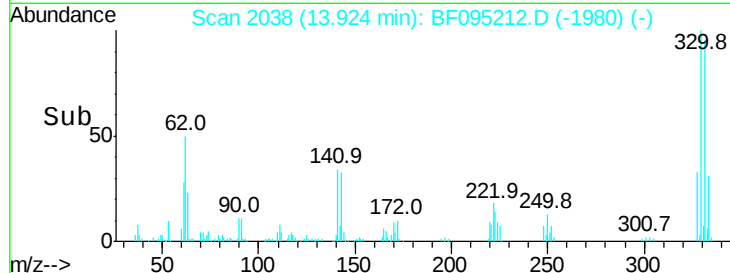
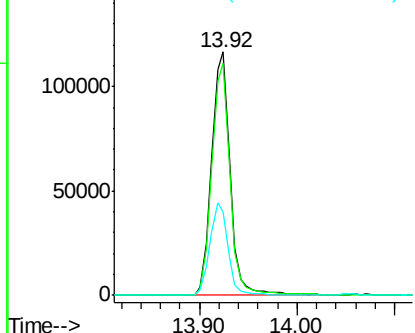
#41
 2,4,6-Tribromophenol
 Concen: 124.51 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 153841
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 115.0
 141 37.4 31.4 47.2

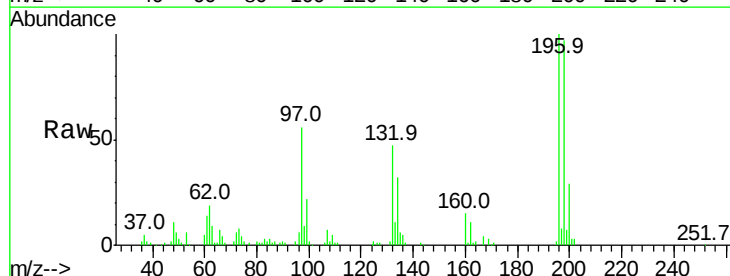


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

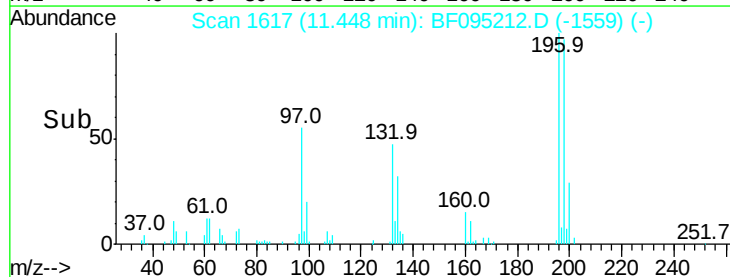
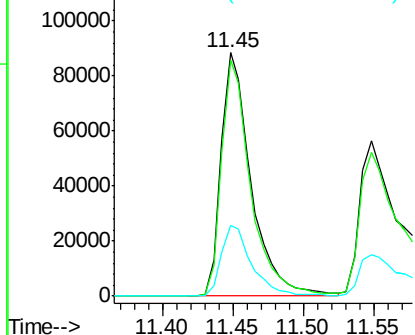


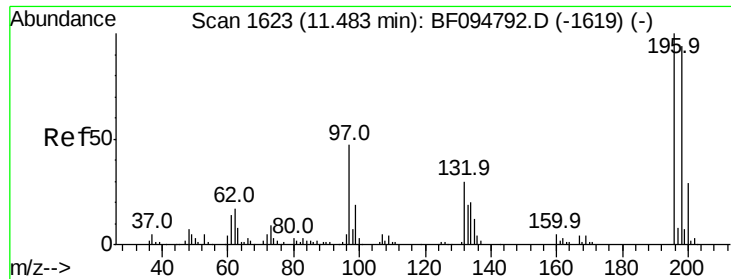
#42
 2,4,6-Trichlorophenol
 Concen: 42.29 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:196 Resp: 130996
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.2 111.4
 200 29.2 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

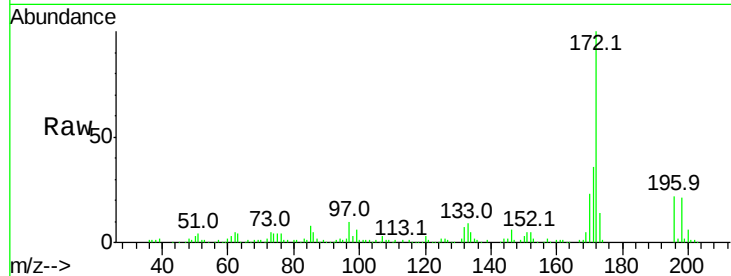




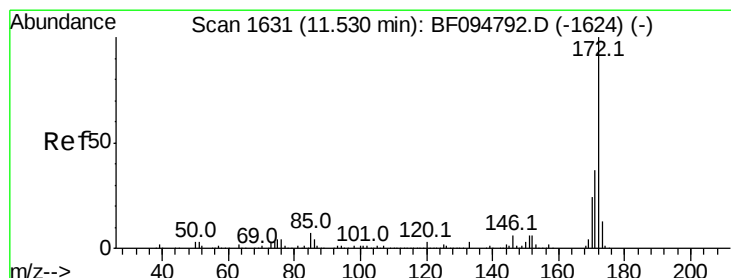
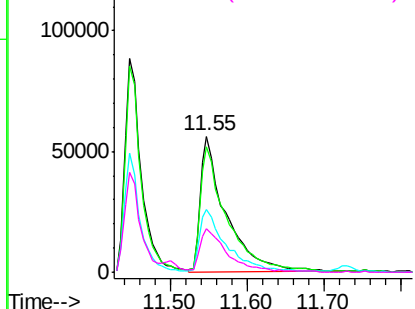
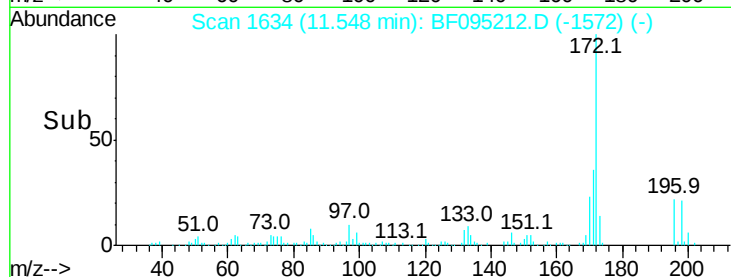
#43
 2,4,5-Trichlorophenol
 Concen: 38.78 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.06 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.7	113.5
97	45.7	47.7	71.5#
132	31.6	28.0	42.0

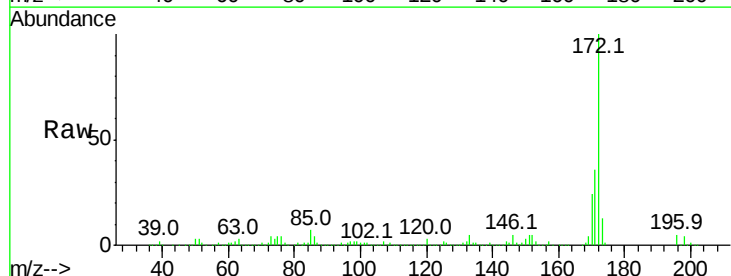


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

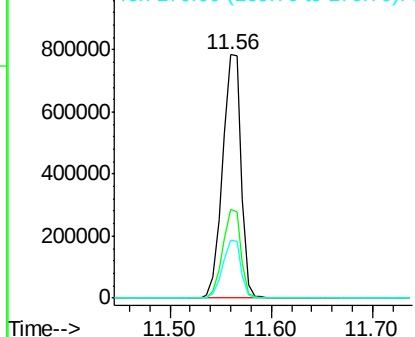
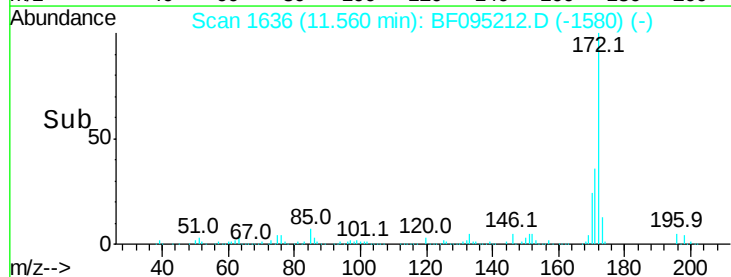


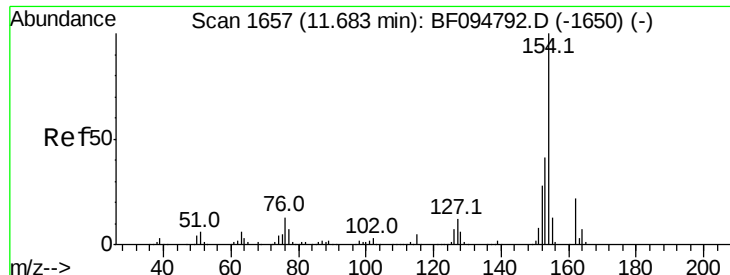
#44
 2-Fluorobiphenyl
 Concen: 94.68 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.10 ng

RT: 11.71 min Scan# 1662

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

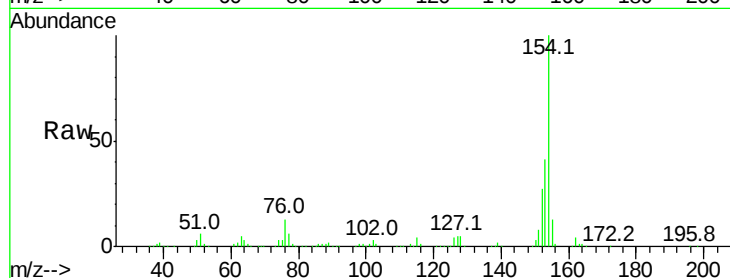
Tot Ion:154 Resp: 585557

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

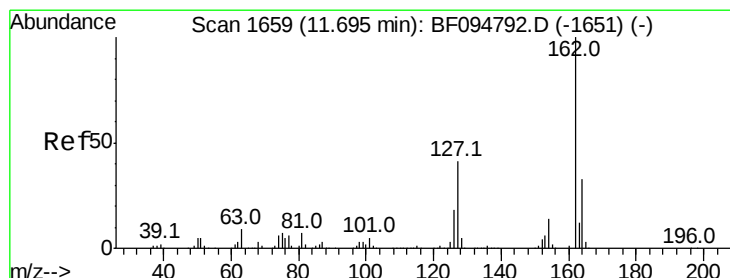
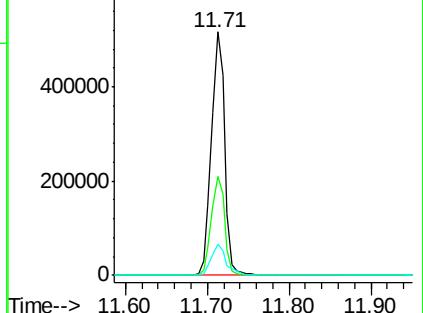
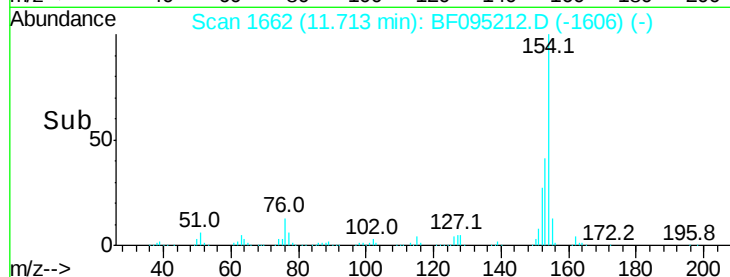
76 13.0 0.0 29.9



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: 44.20 ng

RT: 11.73 min Scan# 1665

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

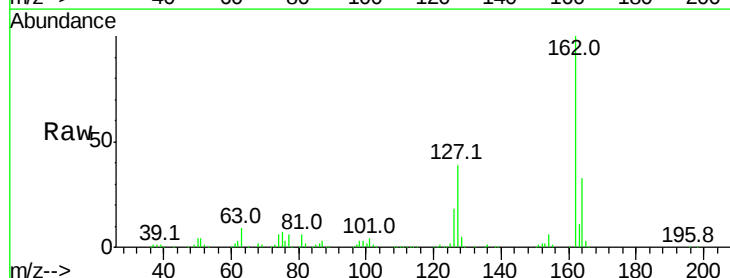
Tgt Ion:162 Resp: 453307

Ion Ratio Lower Upper

162 100

127 38.9 28.3 42.5

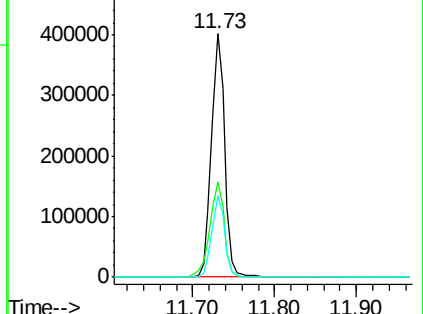
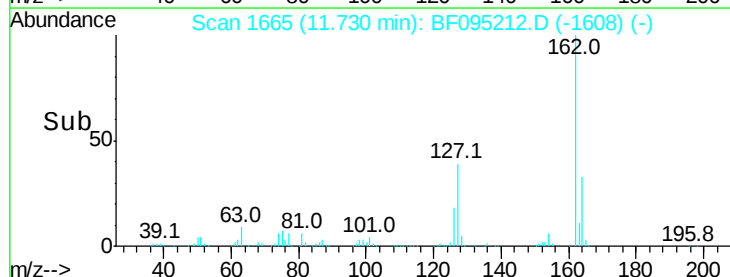
164 33.3 27.0 40.4

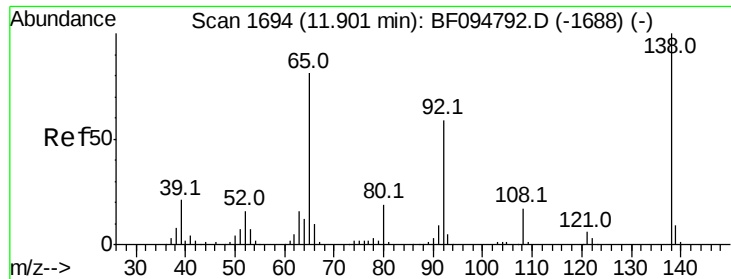


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

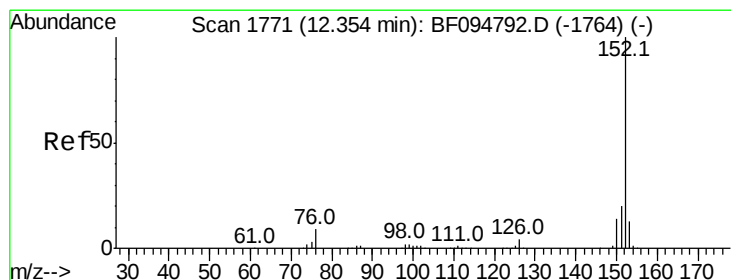
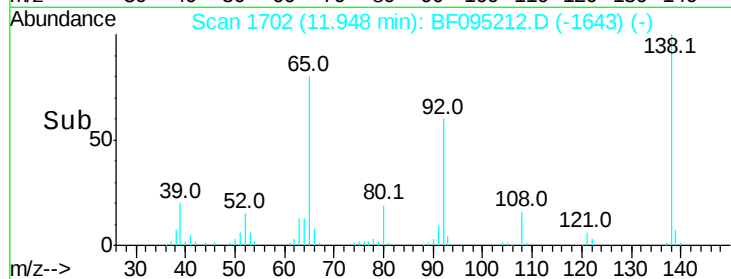
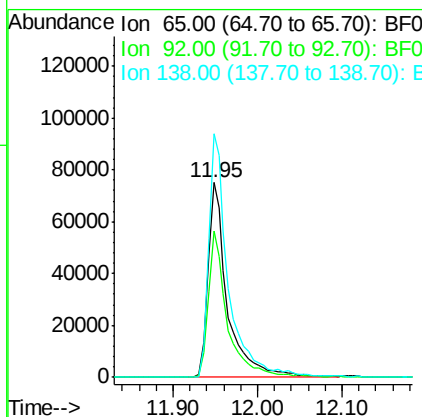
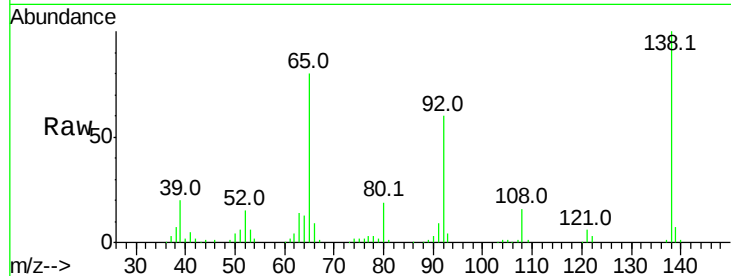




#47
 2-Nitroaniline
 Concen: 43.50 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

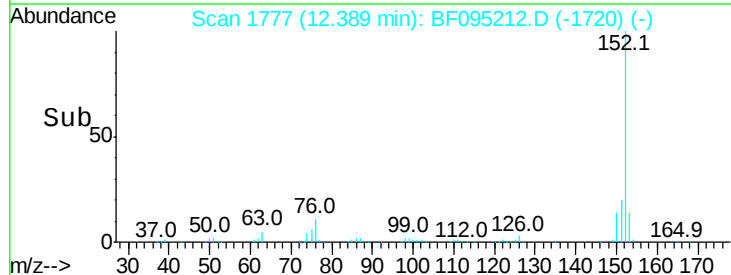
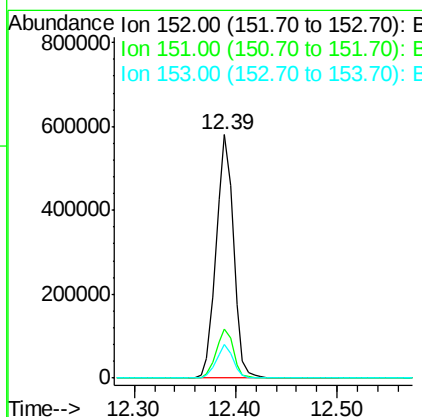
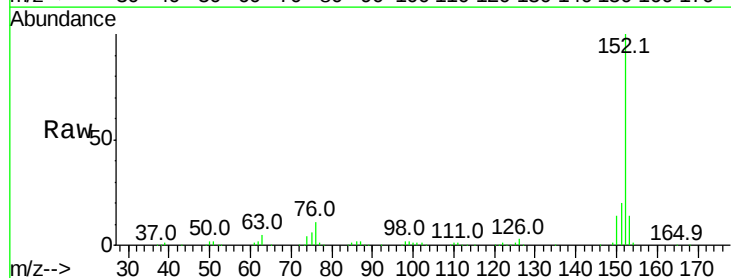
Instrument :
 BNA_F
 ClientSampleId :

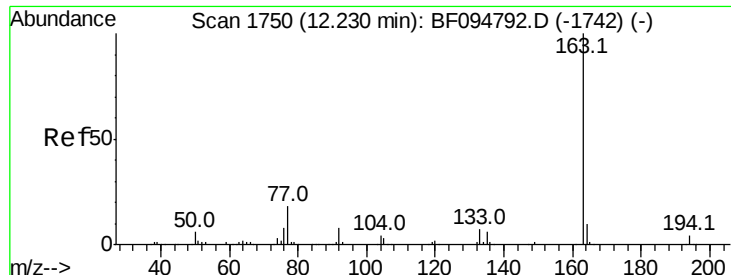
Tot Ion: 65 Resp: 122111
 Ion Ratio Lower Upper
 65 100
 92 75.0 53.9 80.9
 138 125.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 43.13 ng
 RT: 12.39 min Scan# 1777
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:152 Resp: 692946
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 43.02 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

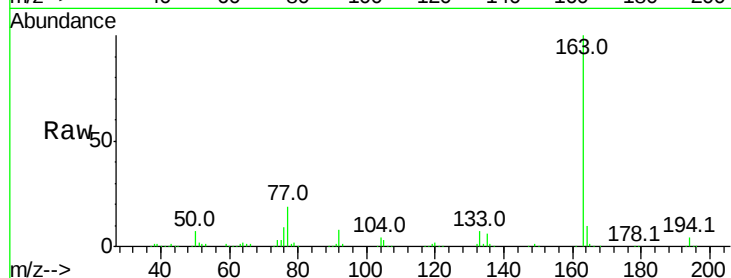
Tot Ion:163 Resp: 532841

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

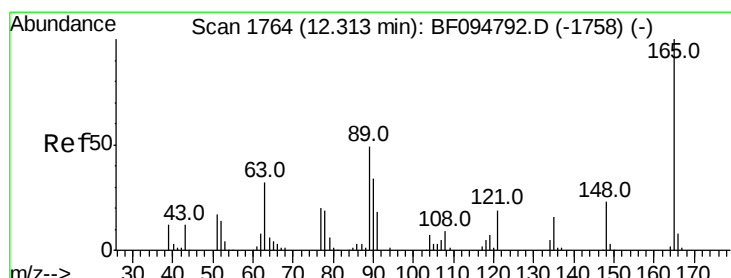
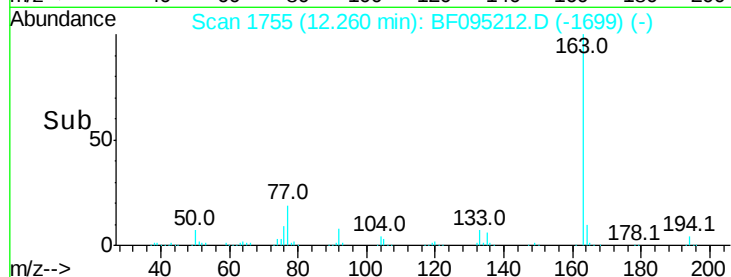
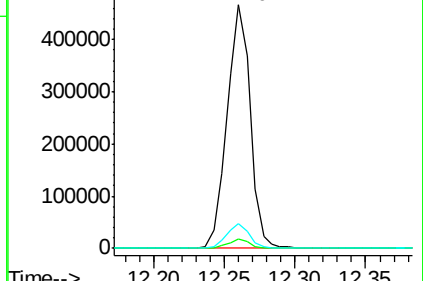
164 10.3 8.4 12.6



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: 43.42 ng

RT: 12.35 min Scan# 1771

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

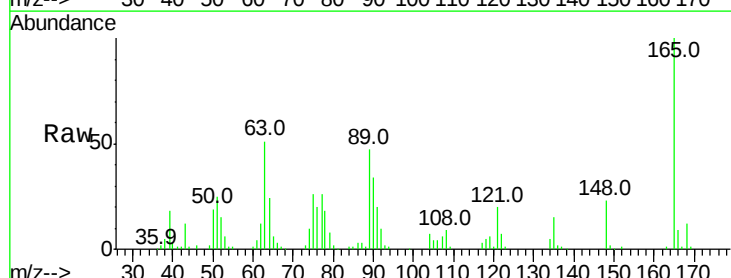
Tgt Ion:165 Resp: 109705

Ion Ratio Lower Upper

165 100

63 51.4 34.3 51.5

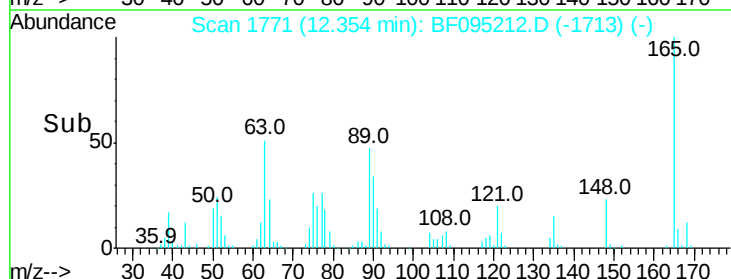
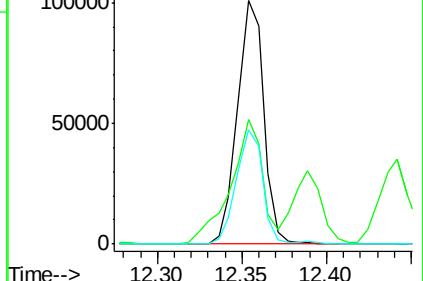
89 47.1 37.1 55.7

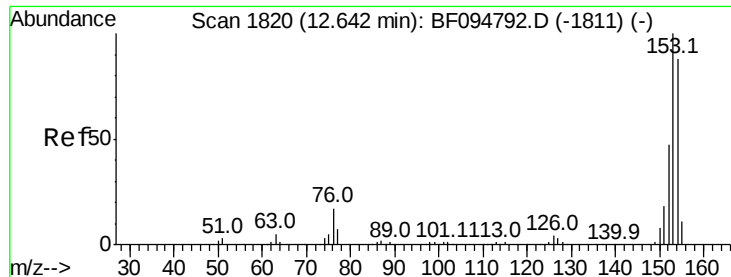


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.29 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampled :

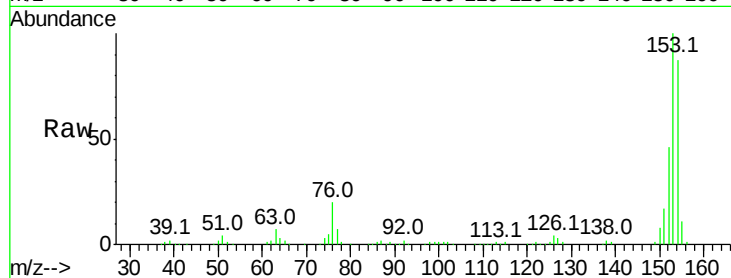
Tot Ion:154 Resp: 396227

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

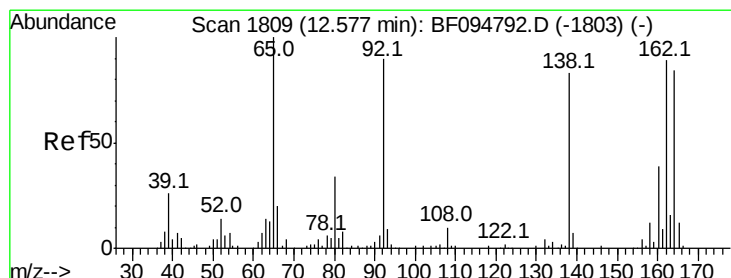
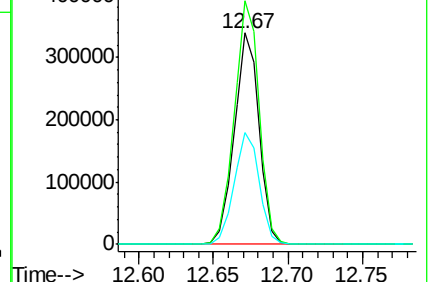
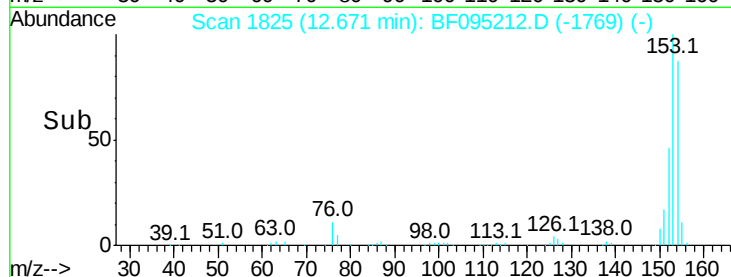
152 52.9 43.6 65.4



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: 26.71 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

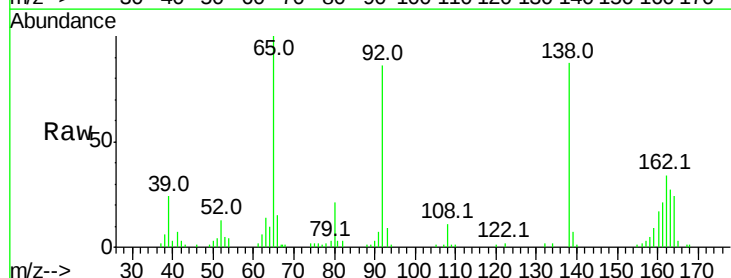
Tgt Ion:138 Resp: 72453

Ion Ratio Lower Upper

138 100

108 12.3 9.1 13.7

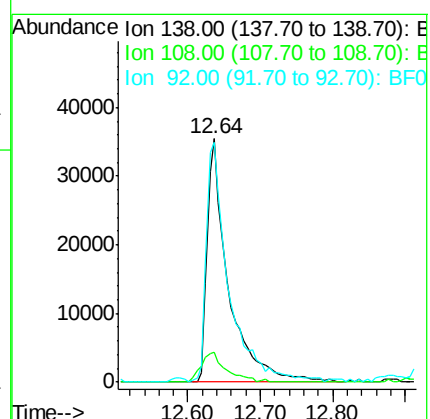
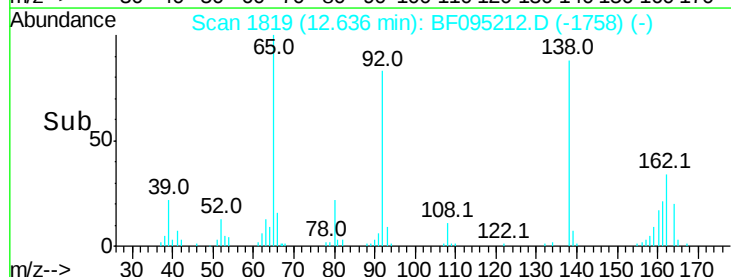
92 98.6 93.8 140.6

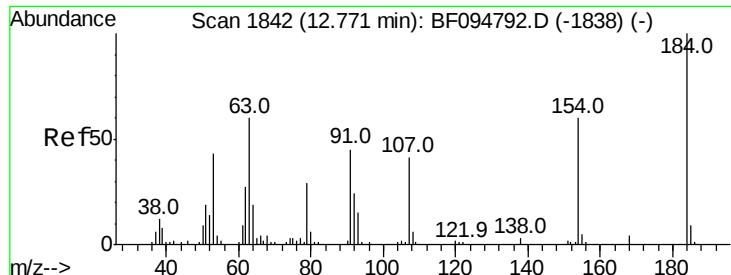


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

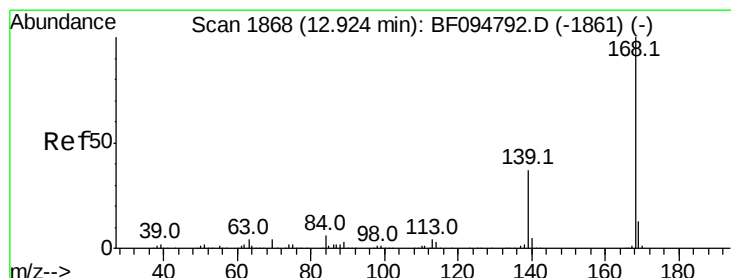
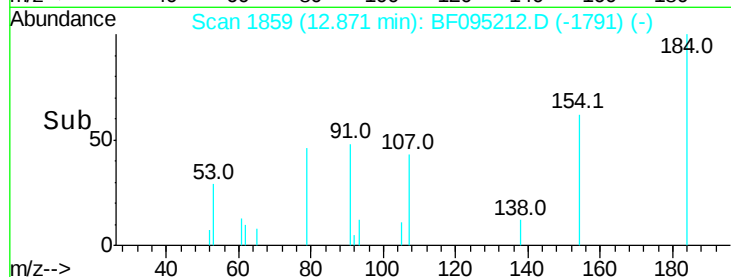
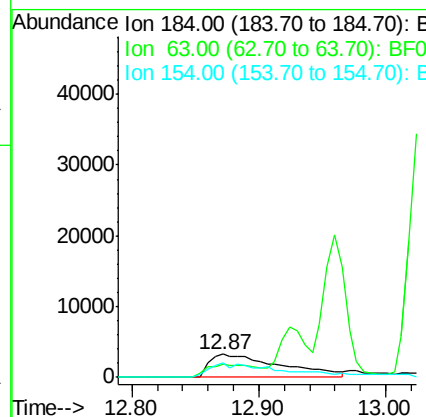
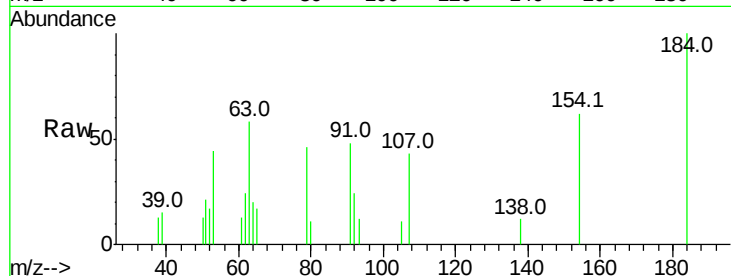




#53
 2,4-Dinitrophenol
 Concen: 14.62 ng
 RT: 12.87 min Scan# 1859
 Delta R.T. 0.10 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

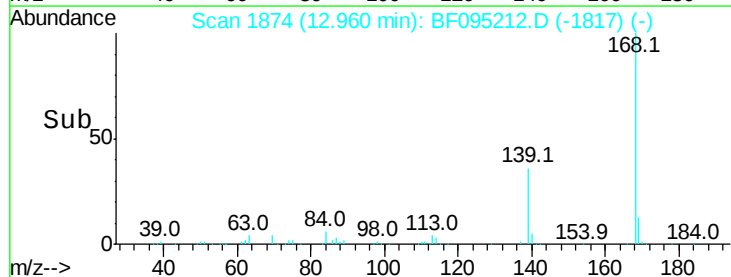
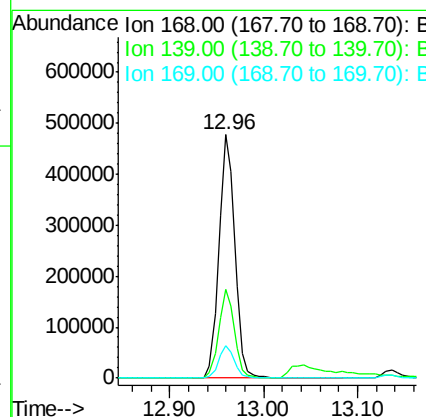
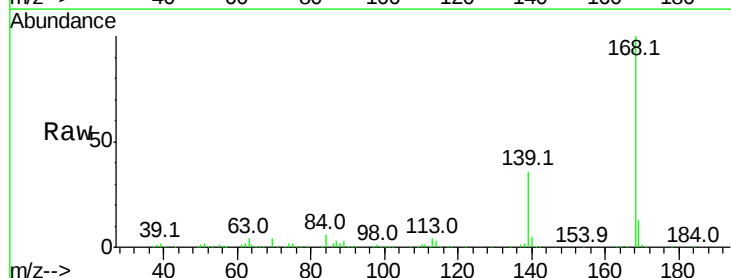
Instrument :
 BNA_F
 ClientSampled :

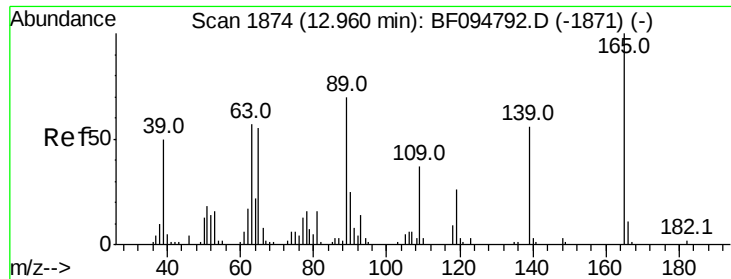
Tot Ion:184 Resp: 12635
 Ion Ratio Lower Upper
 184 100
 63 57.9 62.7 94.1#
 154 62.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.03 ng
 RT: 12.96 min Scan# 1874
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:168 Resp: 571378
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.6 45.8
 169 13.3 10.8 16.2

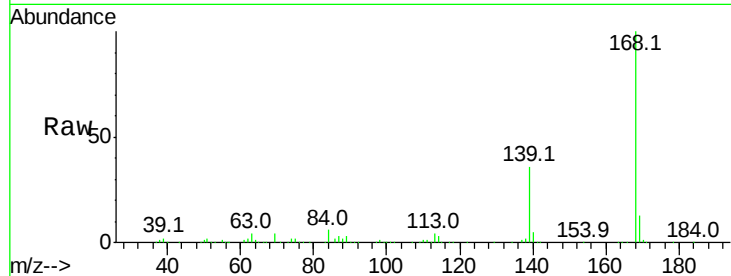




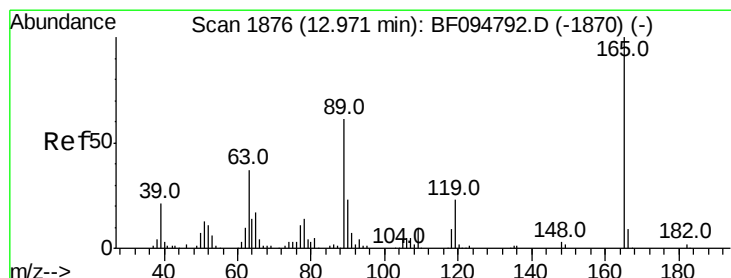
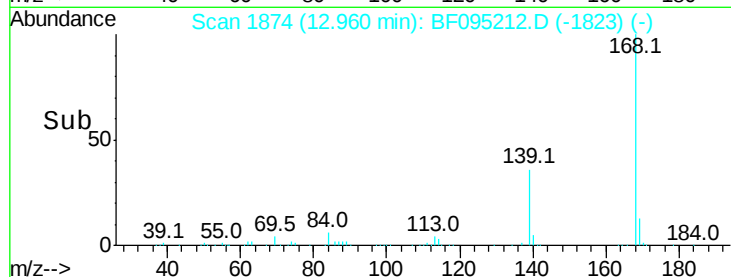
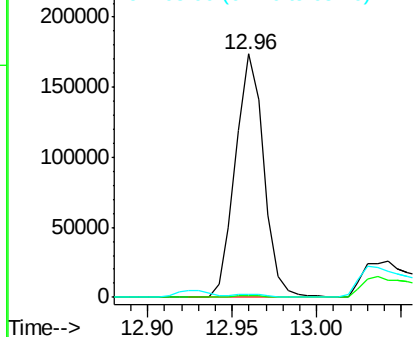
#55
4-Nitrophenol
Concen: 125.37 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
139	100	204226		
109	1.0	34.1	74.1#	
65	1.3	31.4	71.4#	



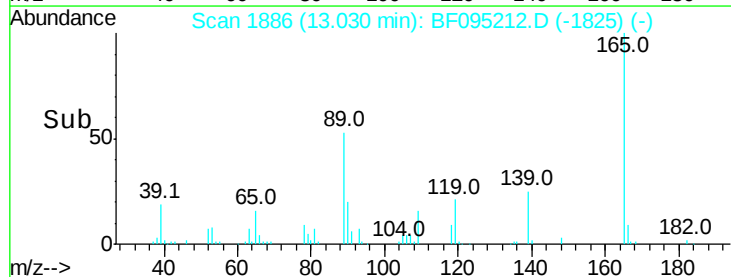
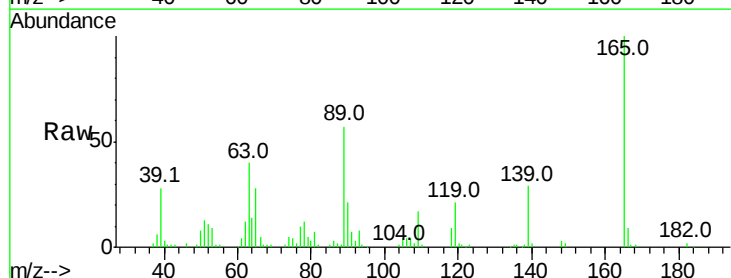
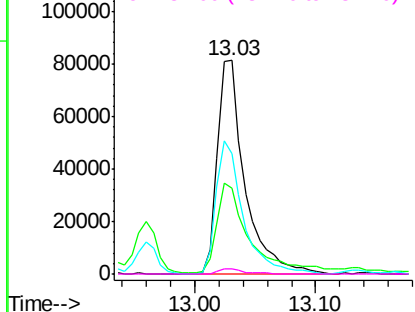
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

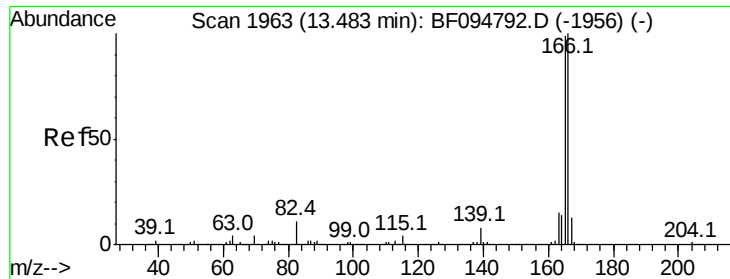


#56
2,4-Dinitrotoluene
Concen: 39.28 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	127555		
63	40.3	25.4	38.0#	
89	56.5	46.4	69.6	
182	2.5	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

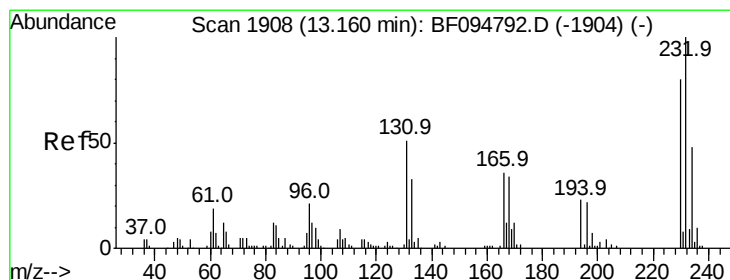
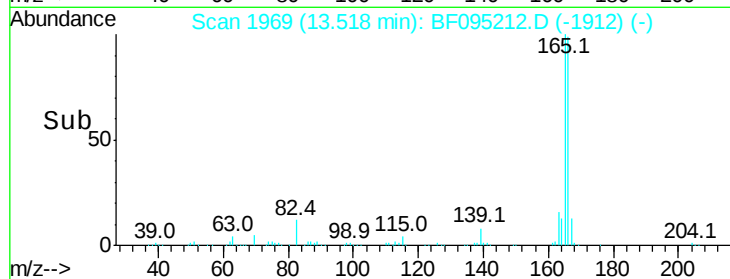
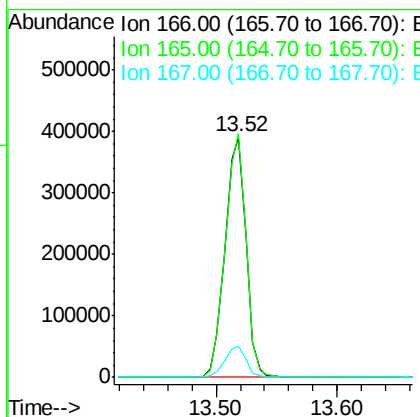
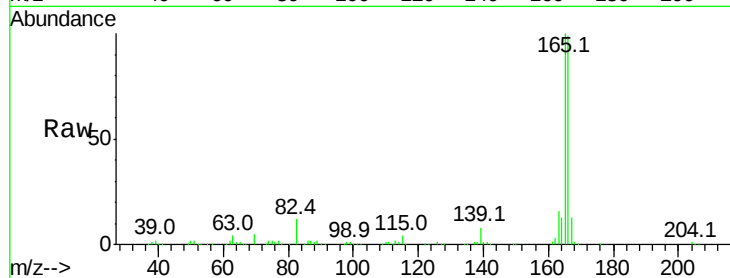




#57
 Fluorene
 Concen: 40.77 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

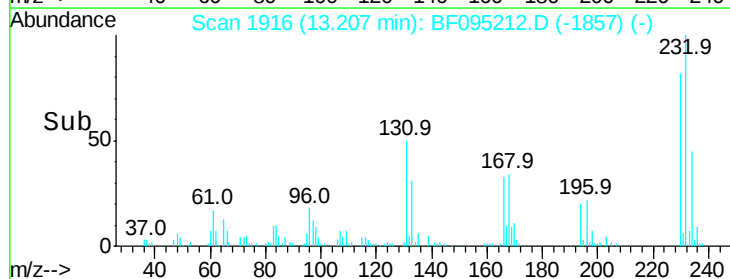
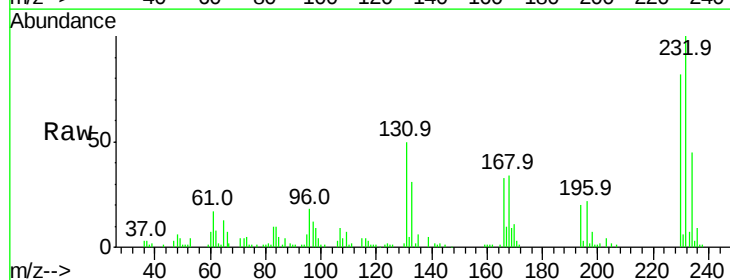
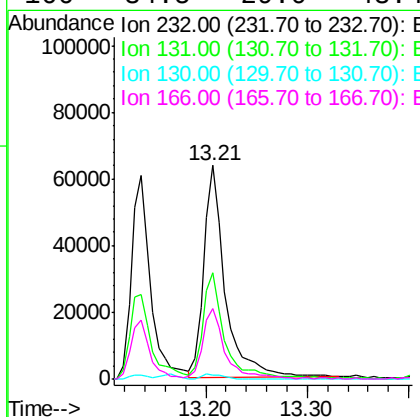
Instrument :
 BNA_F
 ClientSampleId :

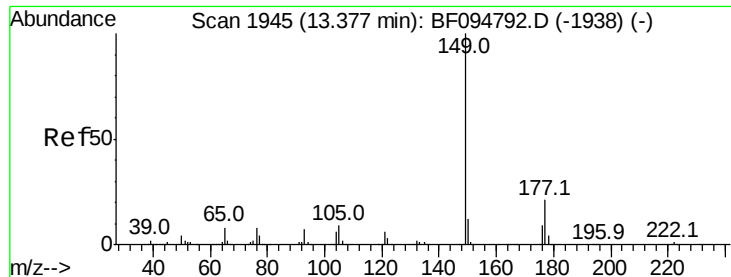
Tot Ion:166 Resp: 470738
 Ion Ratio Lower Upper
 166 100
 165 101.5 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.48 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:232 Resp: 93204
 Ion Ratio Lower Upper
 232 100
 131 46.8 44.8 67.2
 130 2.3 2.3 3.5#
 166 34.5 29.0 43.4

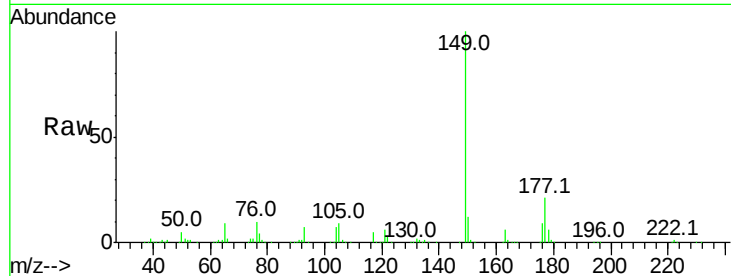




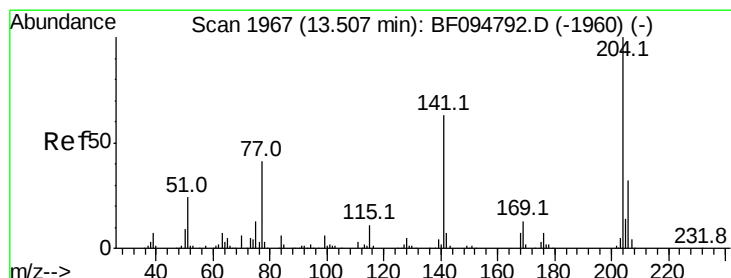
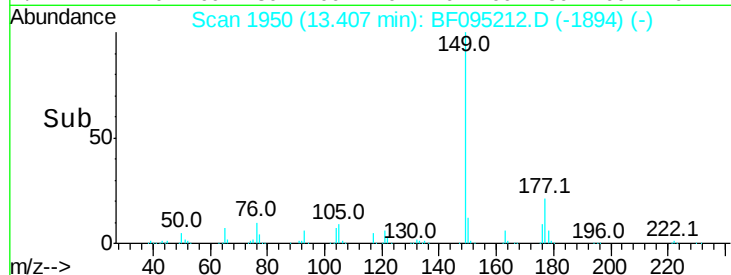
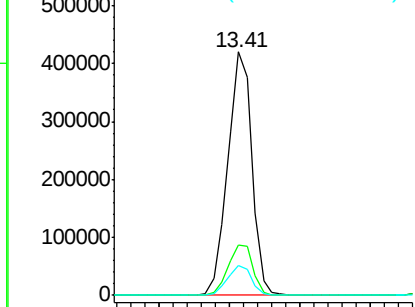
#59
Diethylphthalate
Concen: 42.07 ng
RT: 13.41 min Scan# 1950
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.1	10.2	15.2

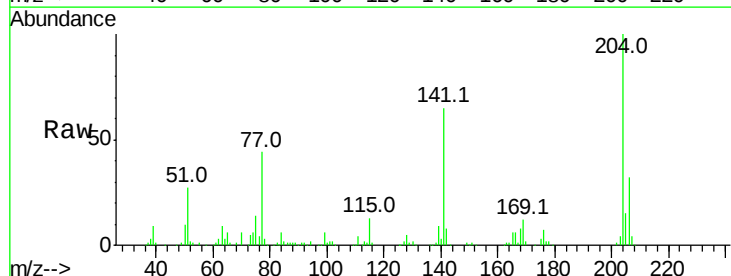


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

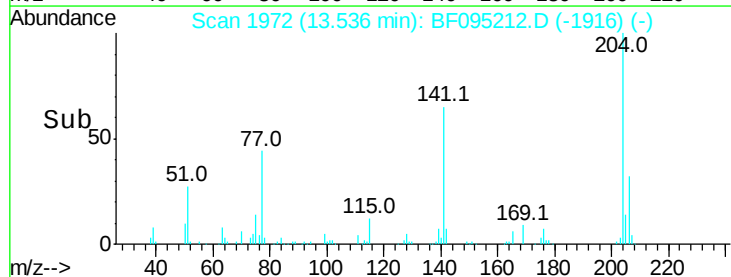
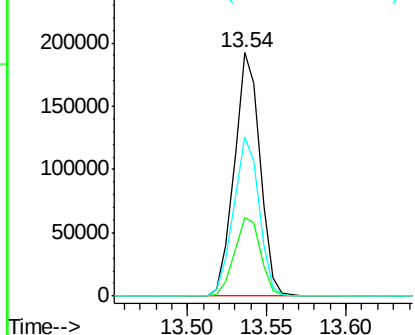


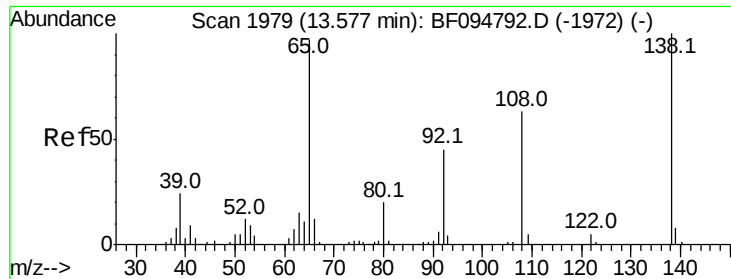
#60
4-Chlorophenyl-phenylether
Concen: 42.41 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	65.2	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

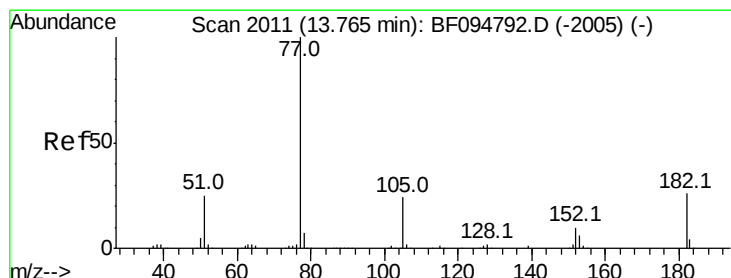
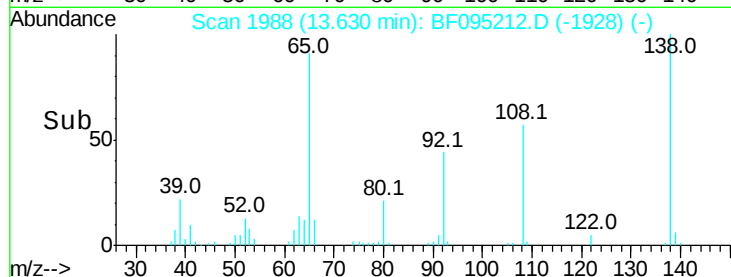
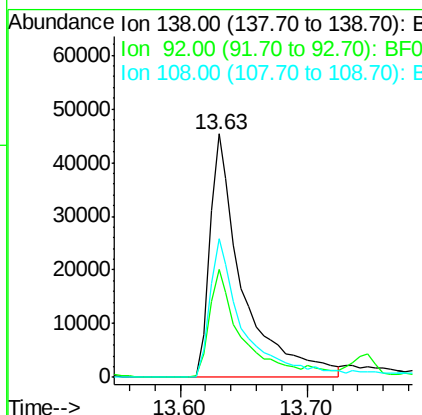
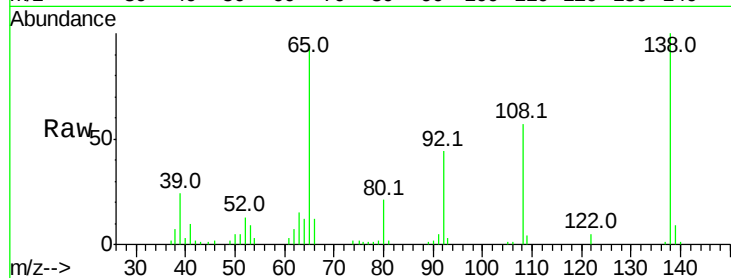




#61
4-Nitroaniline
Concen: 32.74 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

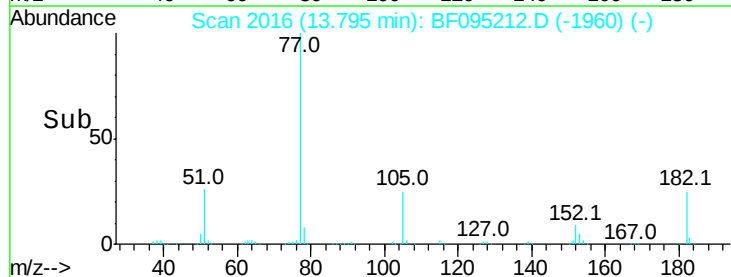
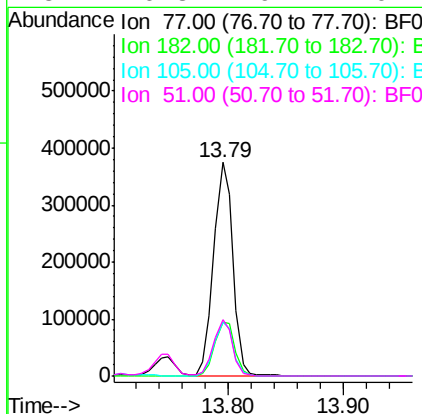
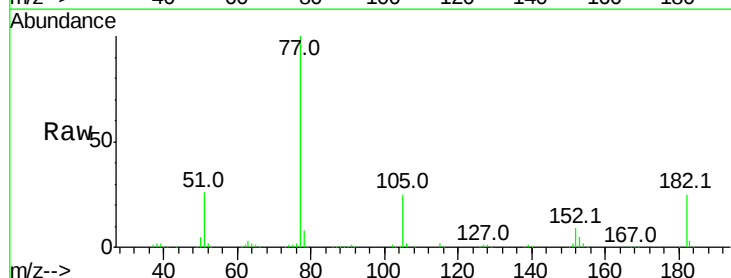
Instrument :
BNA_F
ClientSampled :

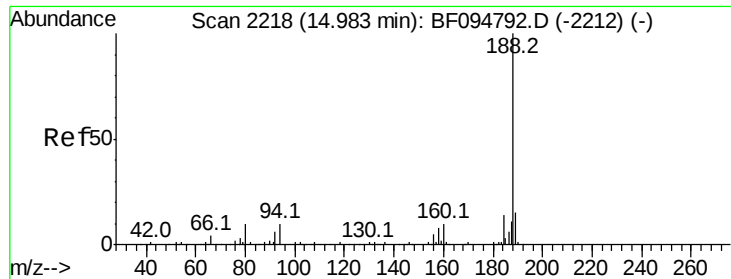
Tot Ion:138 Resp: 81525
Ion Ratio Lower Upper
138 100
92 44.2 21.8 61.8
108 57.2 42.3 82.3



#62
Azobenzene
Concen: 45.68 ng
RT: 13.79 min Scan# 2016
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion: 77 Resp: 435749
Ion Ratio Lower Upper
77 100
182 25.4 0.1 40.1
105 25.3 3.6 43.6
51 26.3 9.4 49.4

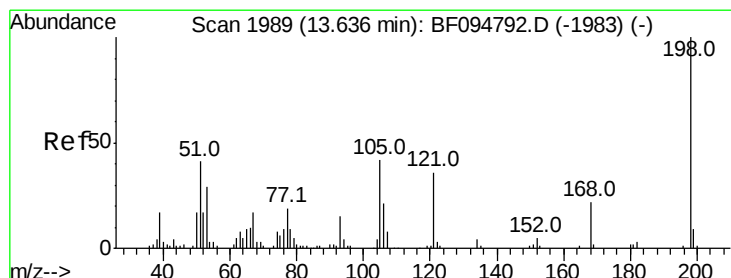
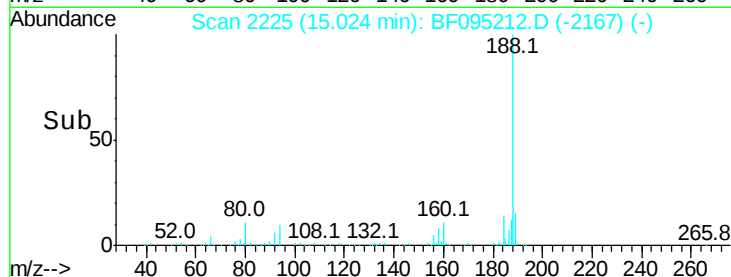
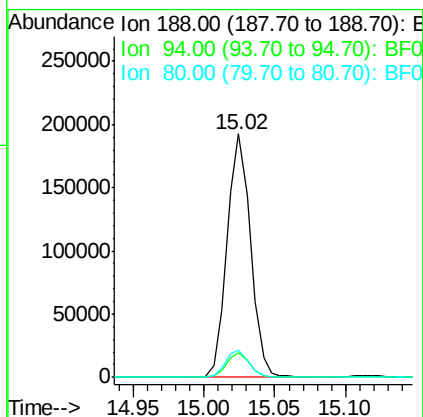
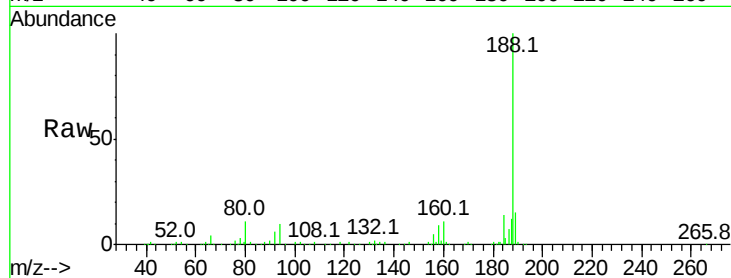




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

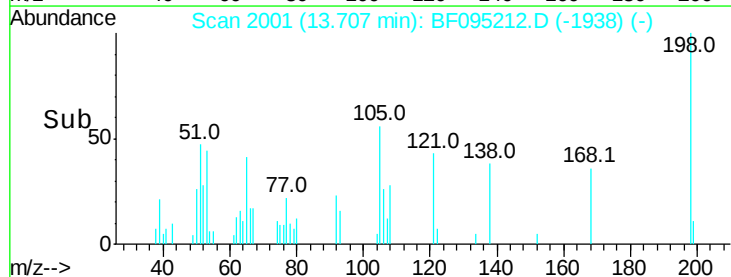
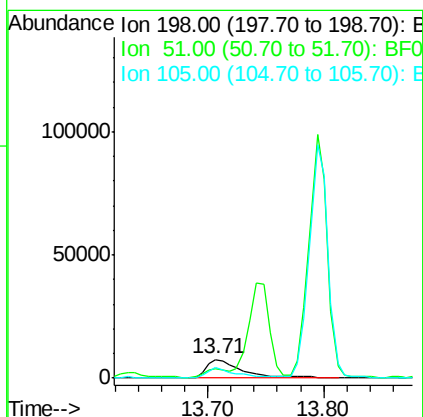
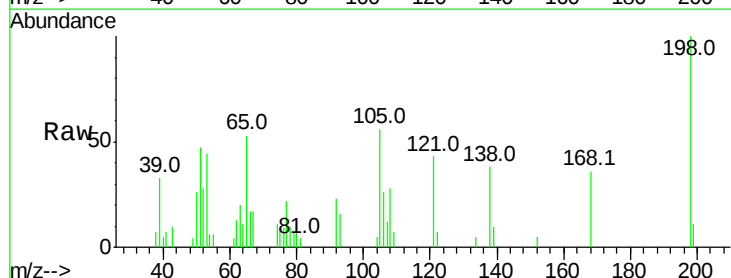
Instrument :
 BNA_F
 ClientSampled :

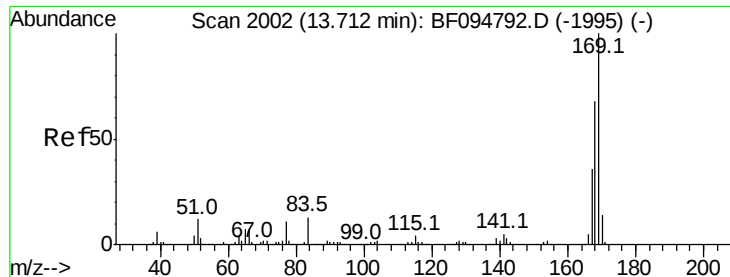
Tot Ion:188 Resp: 222838
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.3 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.38 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. 0.07 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:198 Resp: 15499
 Ion Ratio Lower Upper
 198 100
 51 47.4 53.2 93.2#
 105 56.3 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 51.17 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

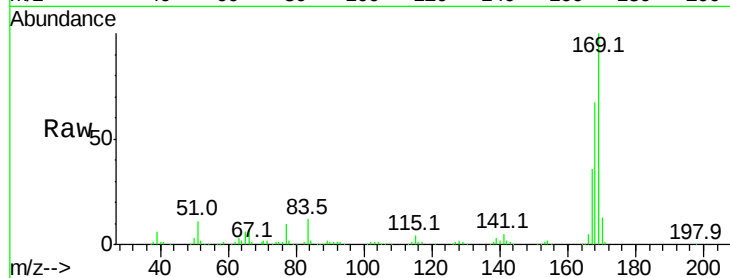
Tot Ion:169 Resp: 413862

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

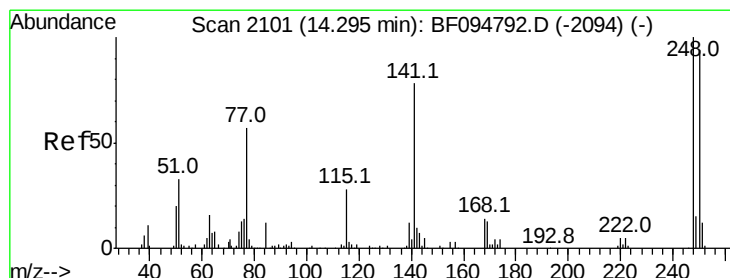
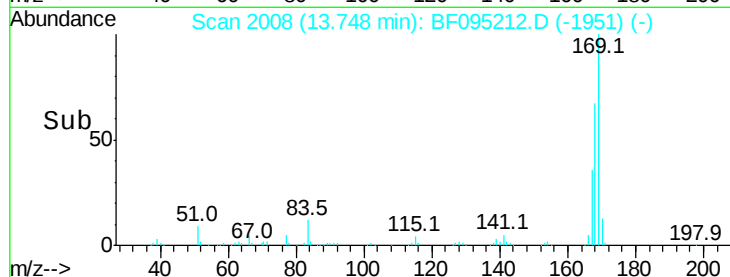
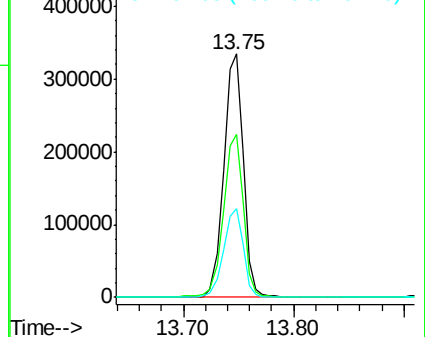
167 36.4 29.5 44.3



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: 48.10 ng

RT: 14.32 min Scan# 2106

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

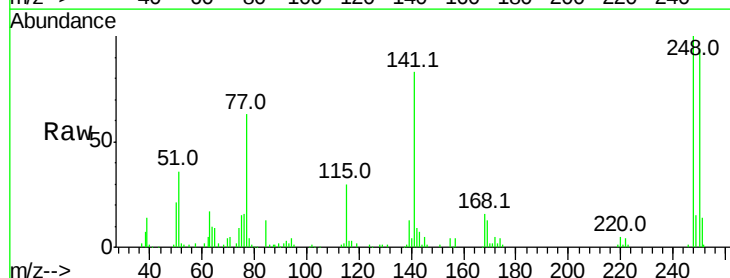
Tgt Ion:248 Resp: 113232

Ion Ratio Lower Upper

248 100

250 93.7 76.8 115.2

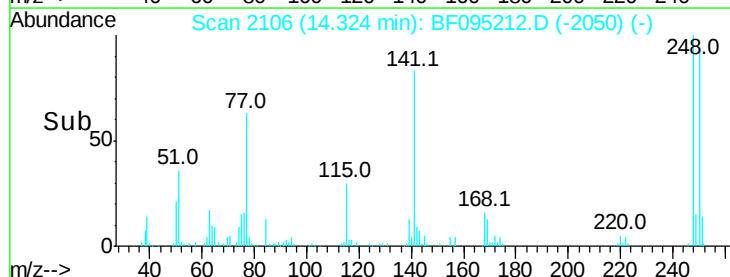
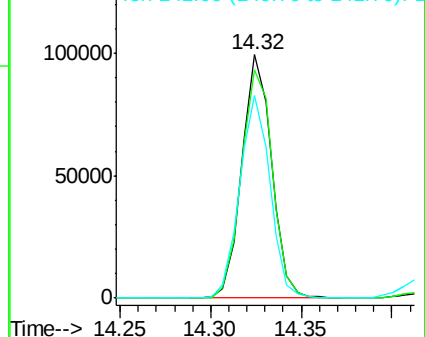
141 83.2 68.6 103.0

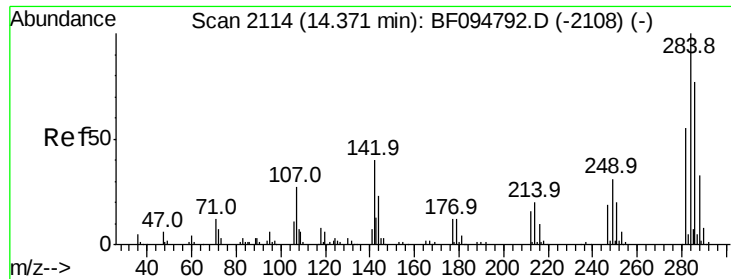


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.13 ng

RT: 14.41 min Scan# 2121

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampled :

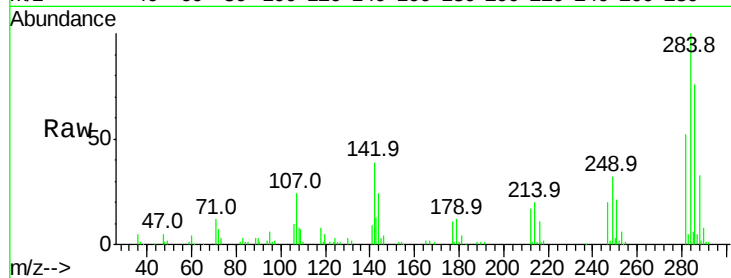
Tot Ion:284 Resp: 101637

Ion Ratio Lower Upper

284 100

142 39.1 22.8 34.2#

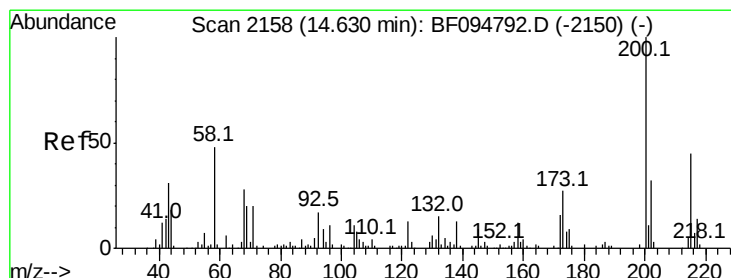
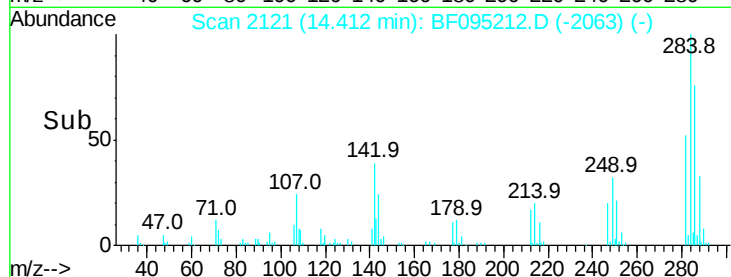
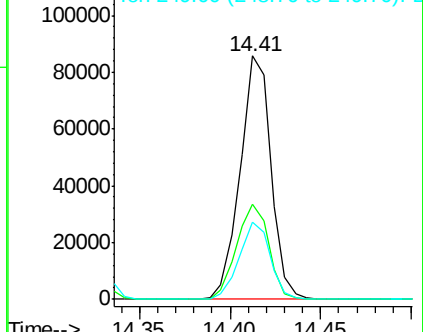
249 31.9 24.0 36.0



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: 48.11 ng

RT: 14.67 min Scan# 2164

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

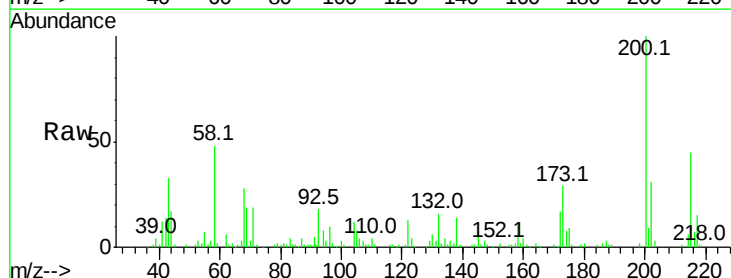
Tgt Ion:200 Resp: 109850

Ion Ratio Lower Upper

200 100

173 28.9 6.3 46.3

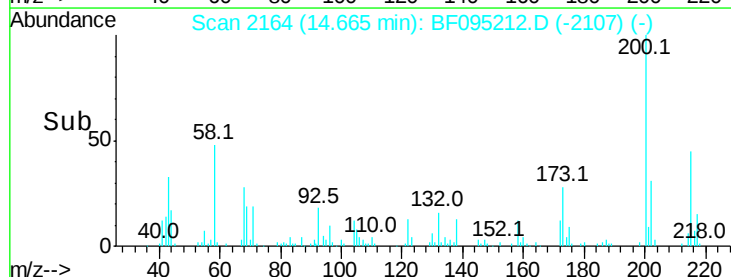
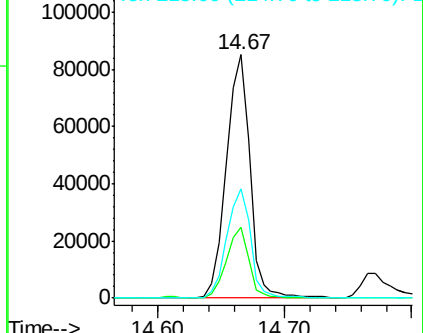
215 44.6 27.2 67.2

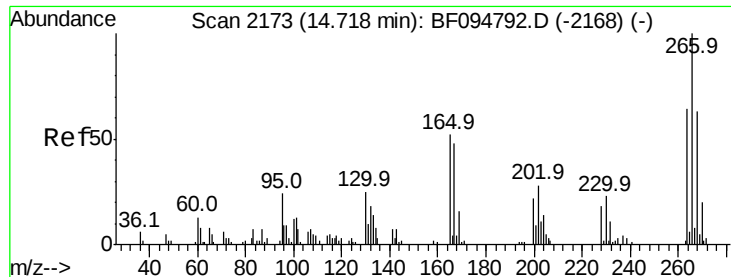


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

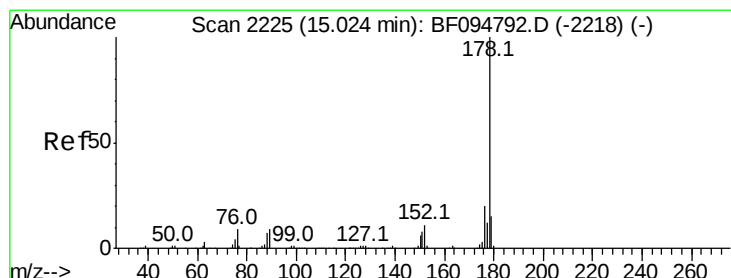
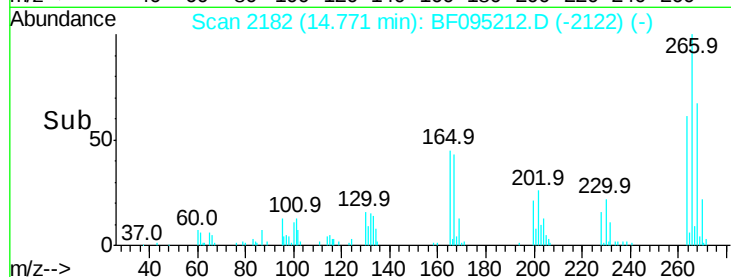
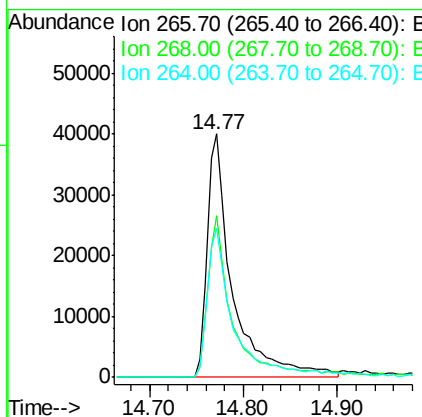
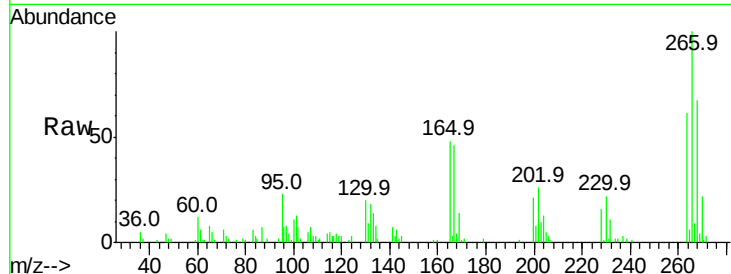




#69
 Pentachlorophenol
 Concen: 69.85 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

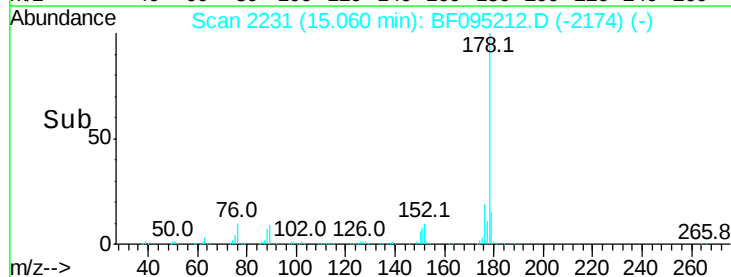
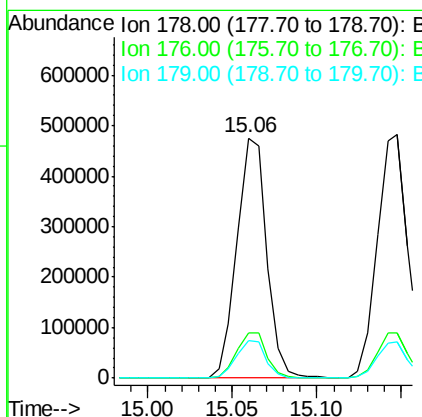
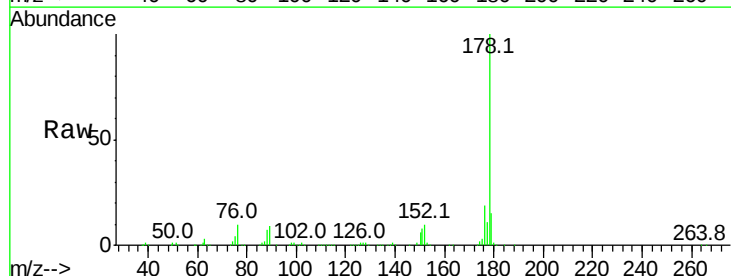
Instrument :
 BNA_F
 ClientSampled :

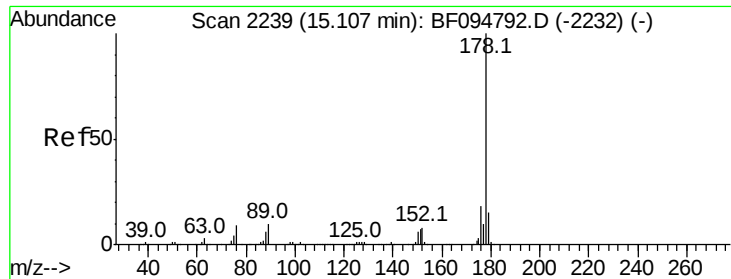
Tot Ion:266 Resp: 75326
 Ion Ratio Lower Upper
 266 100
 268 66.6 51.1 76.7
 264 61.0 51.7 77.5



#70
 Phenanthrene
 Concen: 45.76 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:178 Resp: 585902
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.5 12.6 19.0

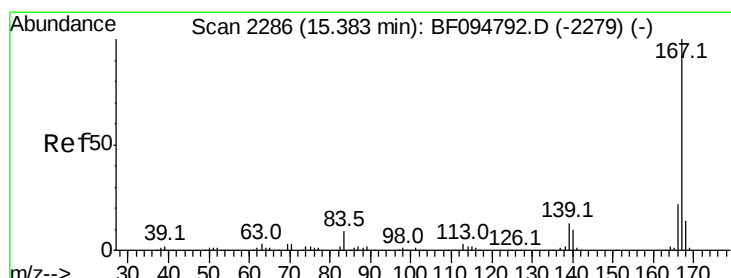
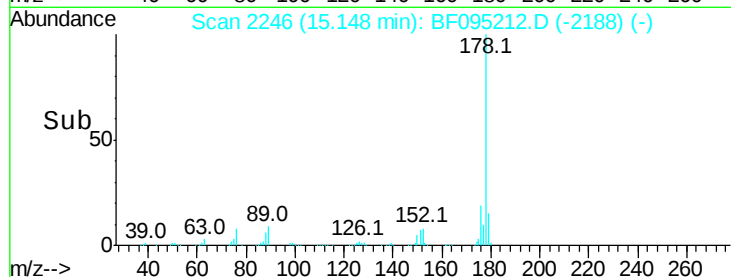
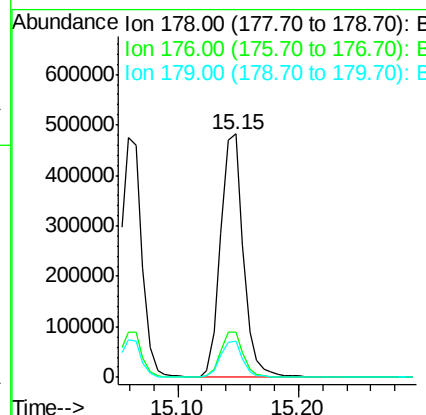
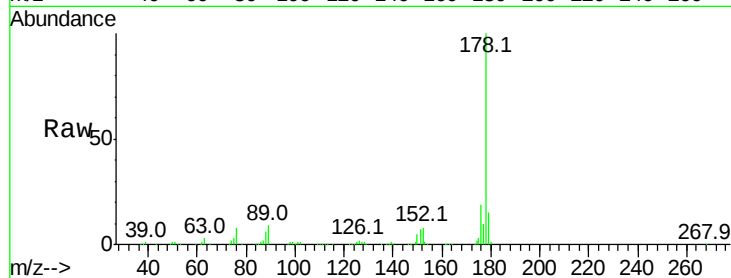




#71
 Anthracene
 Concen: 47.73 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

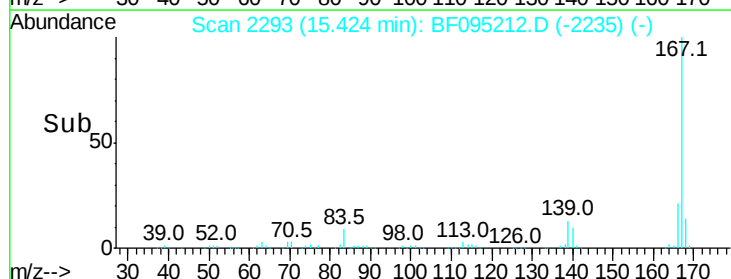
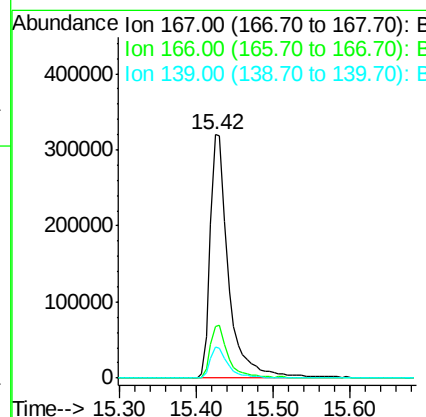
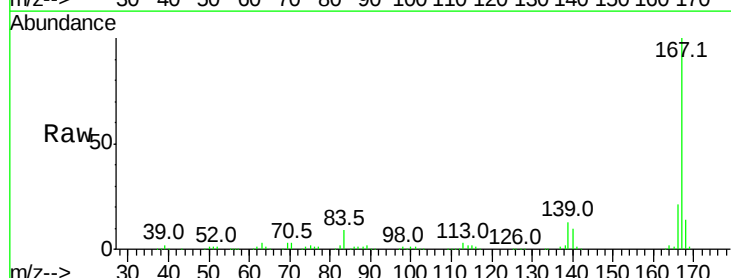
Instrument :
 BNA_F
 ClientSampleId :

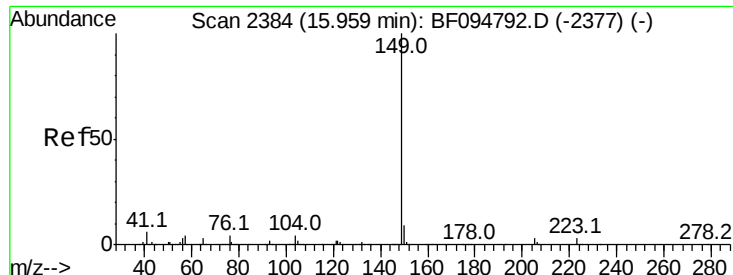
Tot Ion:178 Resp: 624225
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 14.9 12.7 19.1



#72
 Carbazole
 Concen: 44.57 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:167 Resp: 530334
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 12.8 11.7 17.5

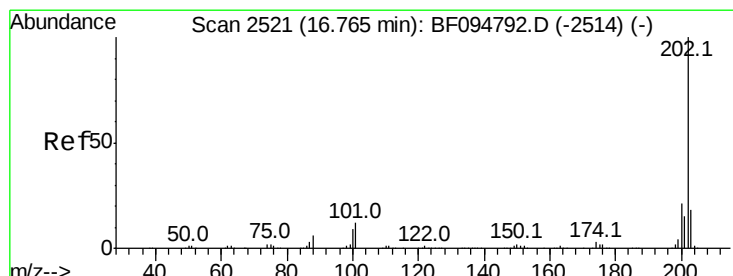
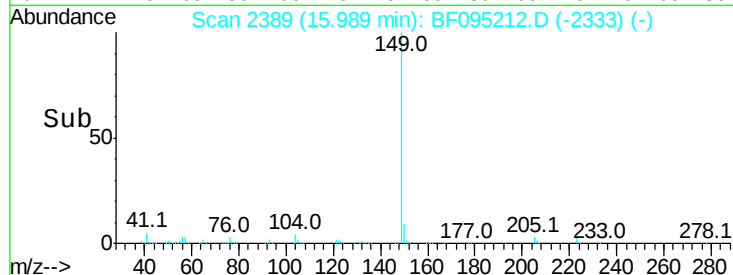
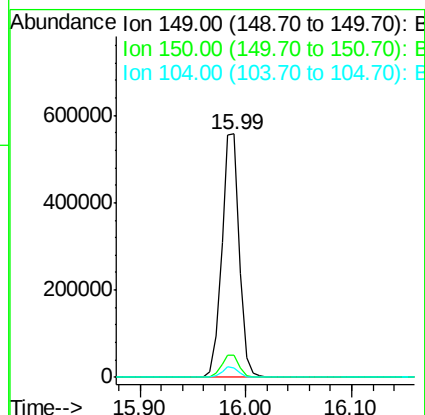
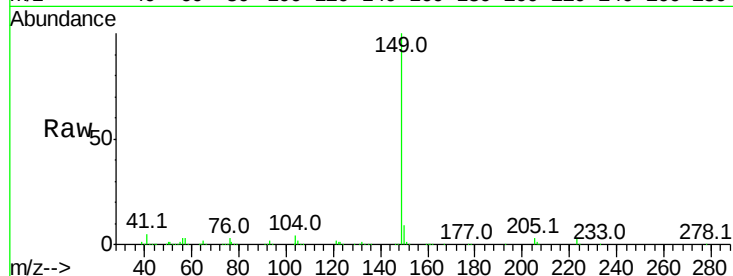




#73
Di-n-butylphthalate
Concen: 43.79 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

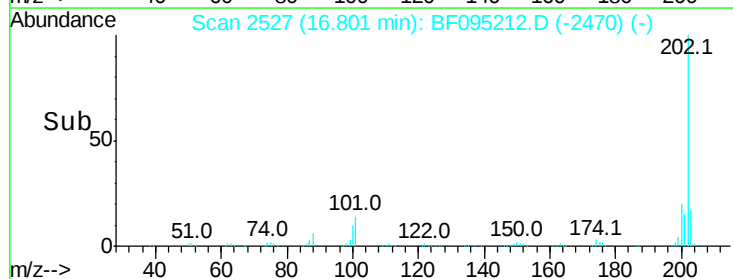
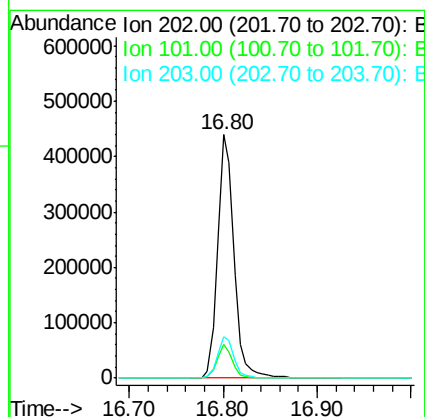
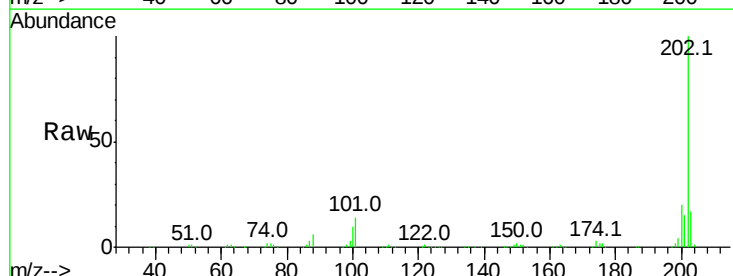
Instrument :
BNA_F
ClientSampleId :

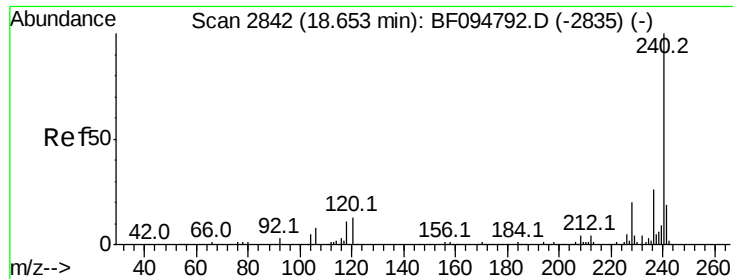
Tot Ion:149 Resp: 649763
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.0 4.0 6.0



#74
Fluoranthene
Concen: 41.16 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion:202 Resp: 540569
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.1 0.0 38.1

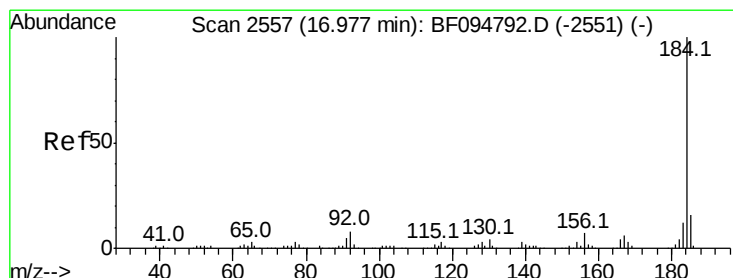
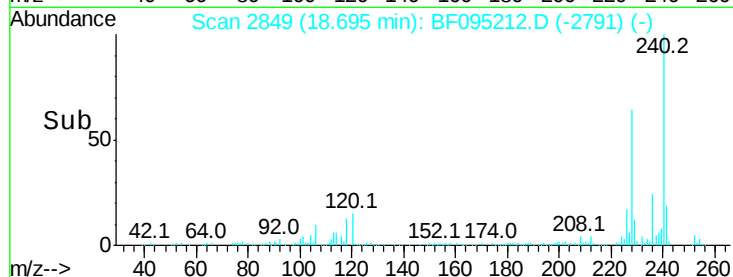
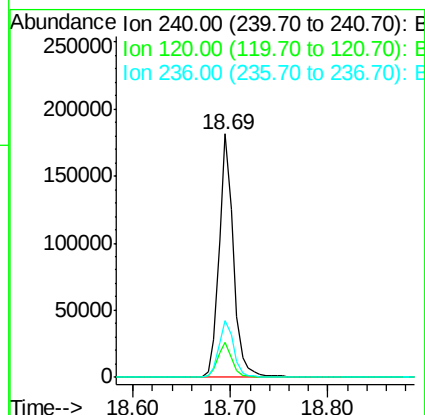
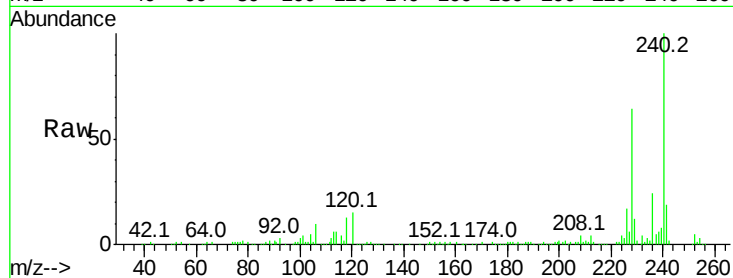




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

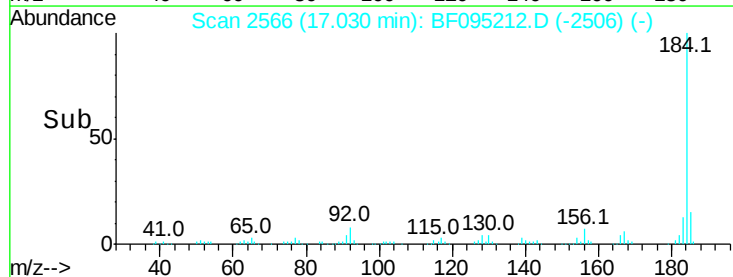
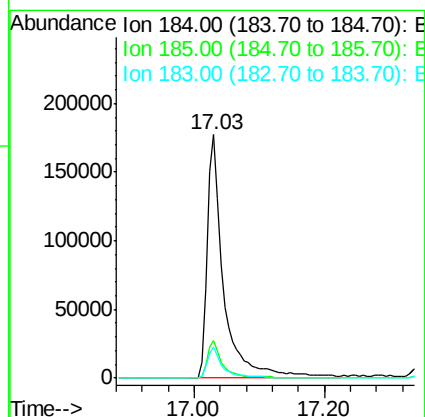
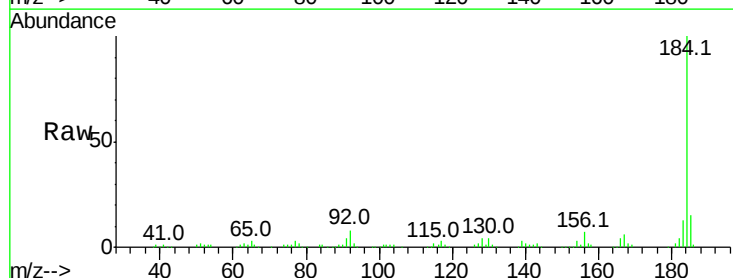
Instrument :
 BNA_F
 ClientSampleId :

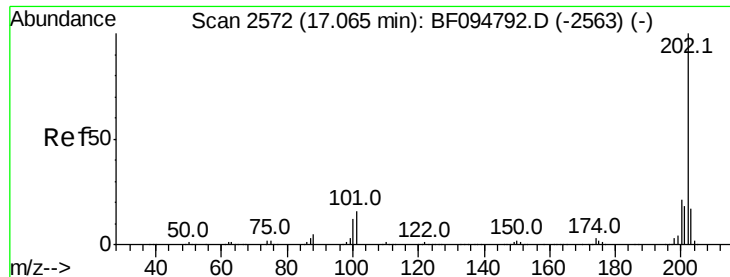
Tot Ion:240 Resp: 184583
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 23.5 20.5 30.7



#76
 Benzidine
 Concen: 60.90 ng
 RT: 17.03 min Scan# 2566
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:184 Resp: 314258
 Ion Ratio Lower Upper
 184 100
 185 15.2 15.5 23.3#
 183 12.7 9.8 14.6





#77

Pvrene

Concen: 41.58 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

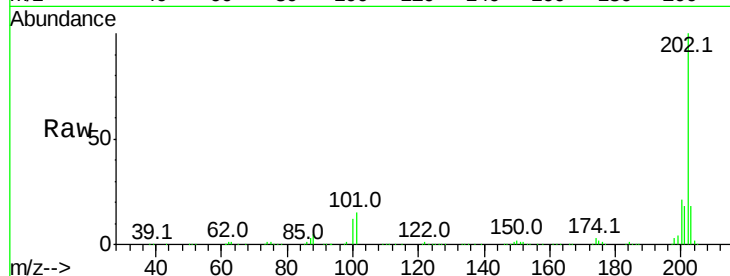
Tot Ion:202 Resp: 574059

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

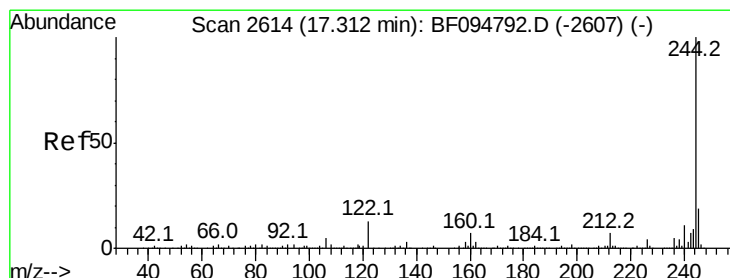
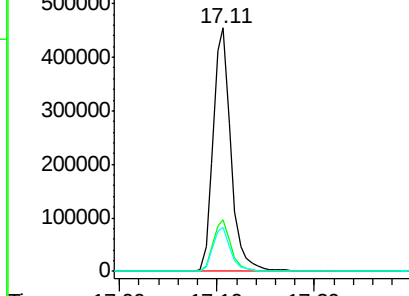
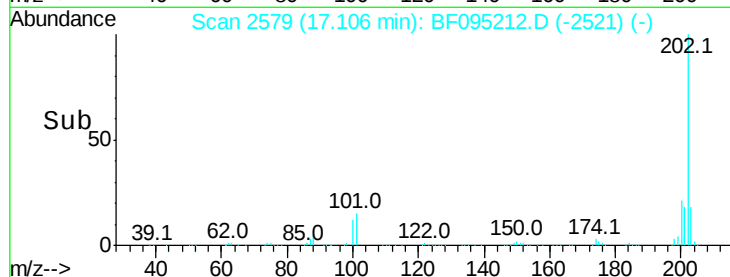
203 18.3 14.4 21.6



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: 82.38 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

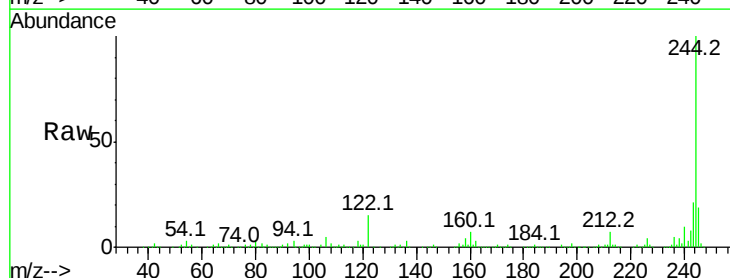
Tgt Ion:244 Resp: 690361

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

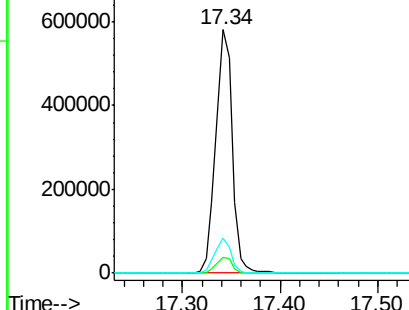
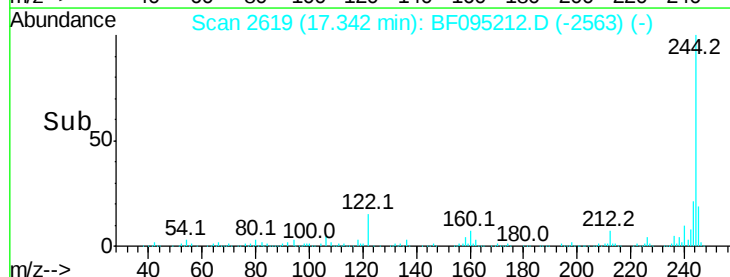
122 14.5 10.3 15.5

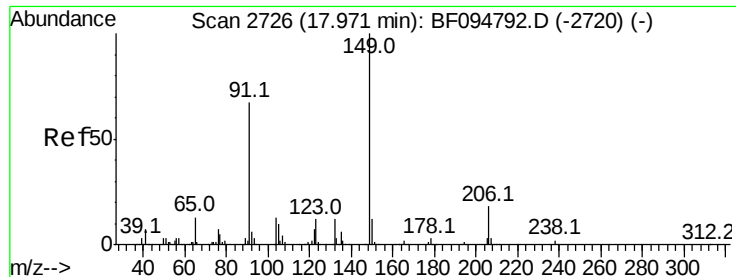


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.94 ng

RT: 18.00 min Scan# 2731

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

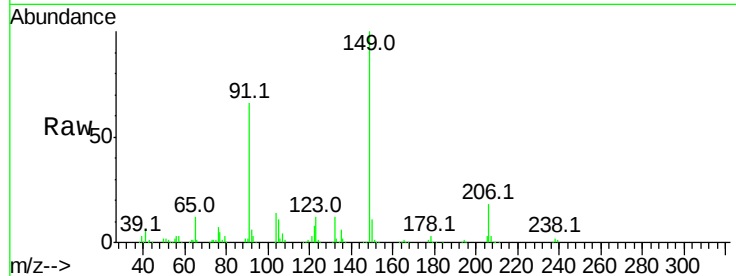
Tot Ion:149 Resp: 262873

Ion Ratio Lower Upper

149 100

91 66.3 45.0 67.4

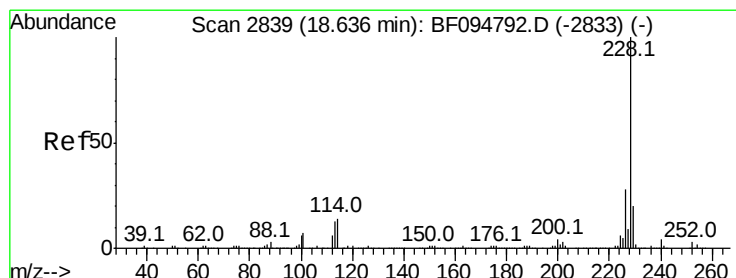
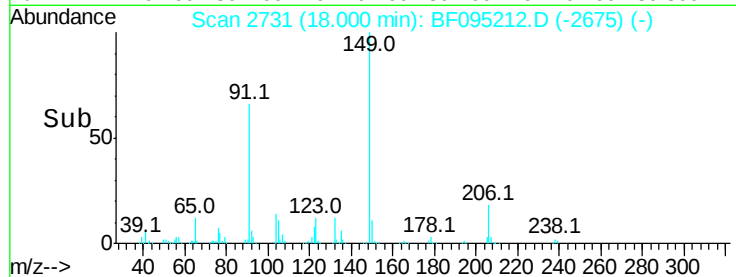
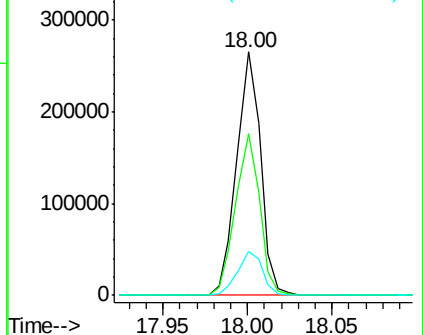
206 18.0 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.41 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

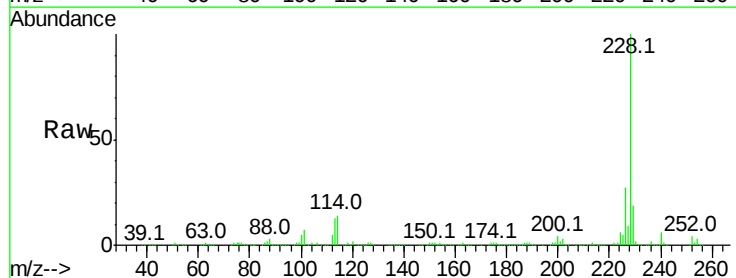
Tgt Ion:228 Resp: 487773

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

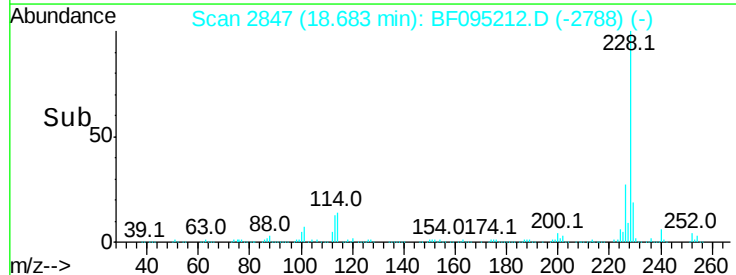
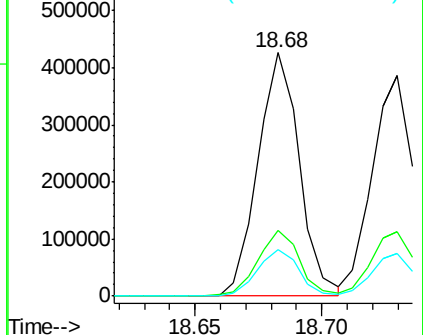
229 19.3 16.3 24.5

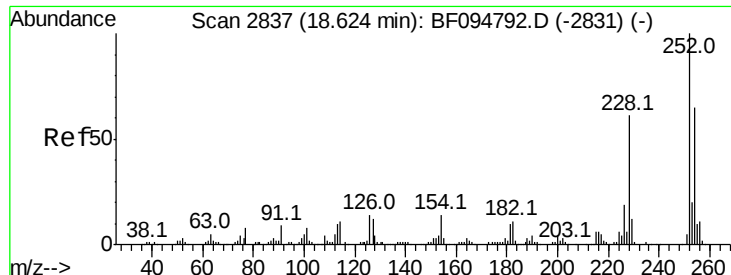


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

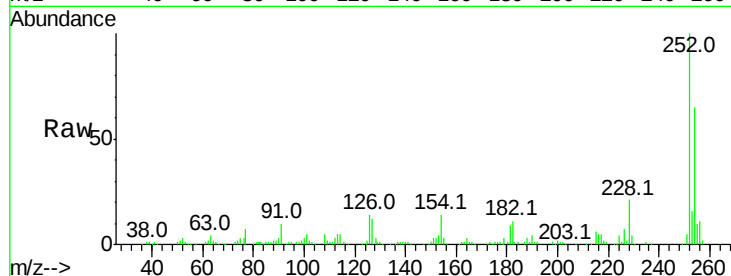




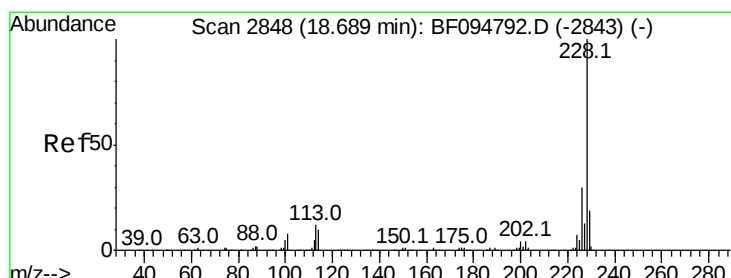
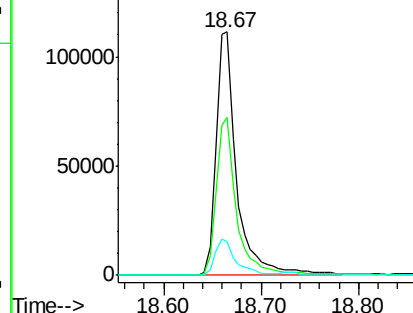
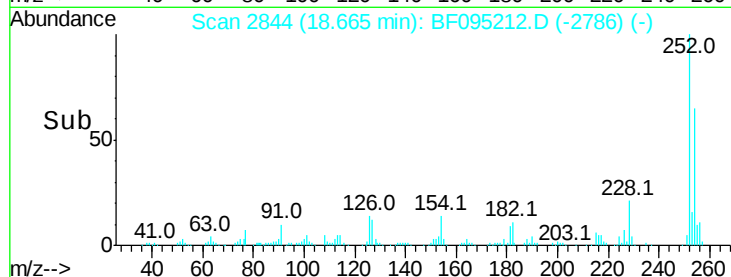
#81
 3,3'-Dichlorobenzidine
 Concen: 43.82 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	13.9	15.8	23.8#

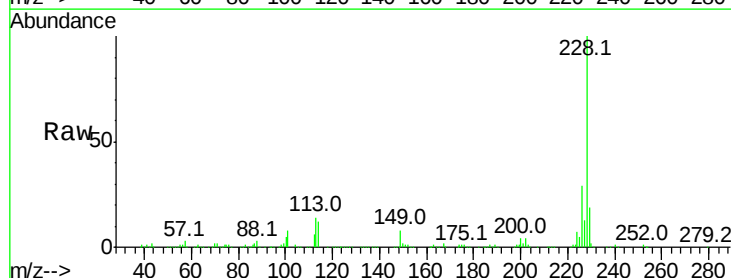


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

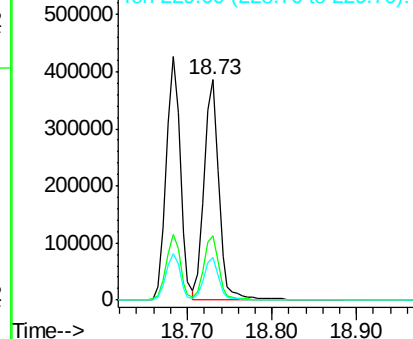
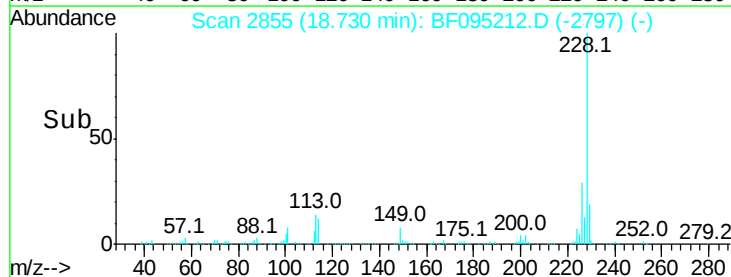


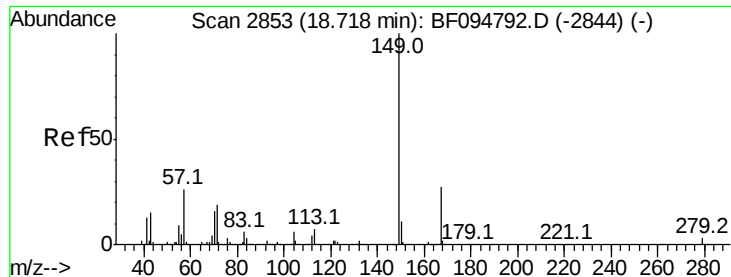
#82
 Chrysene
 Concen: 45.05 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	19.4	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.45 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

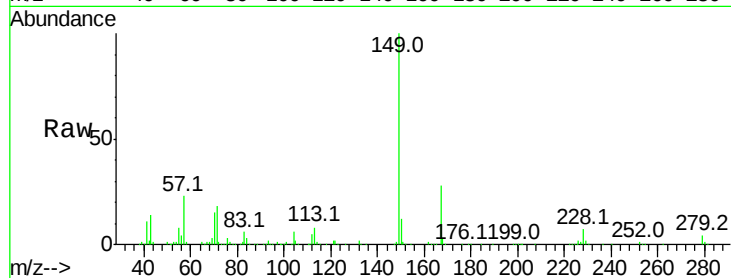
Tot Ion:149 Resp: 370072

Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.4

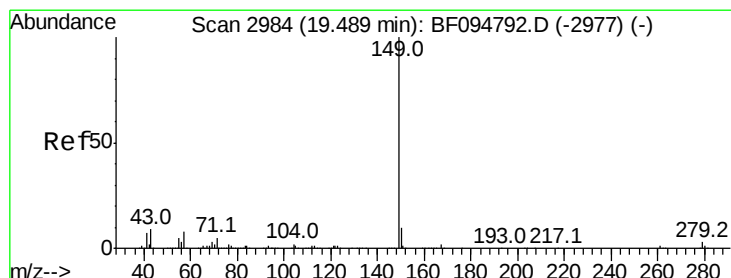
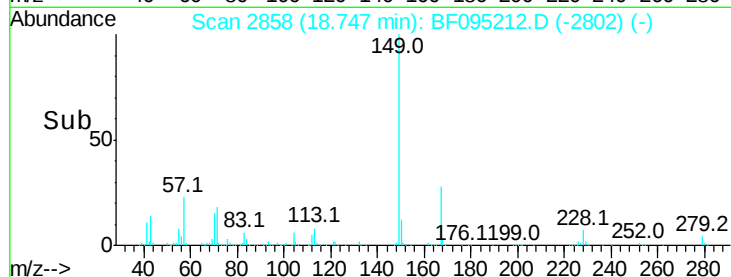
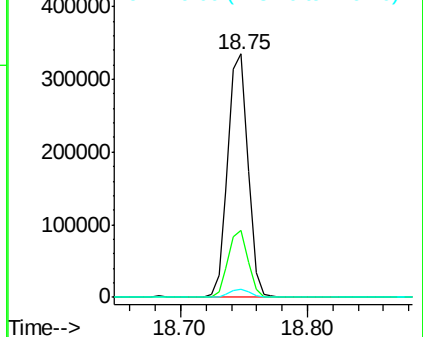
279 3.5 1.9 2.9#



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: 42.95 ng

RT: 19.51 min Scan# 2988

Delta R.T. 0.02 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

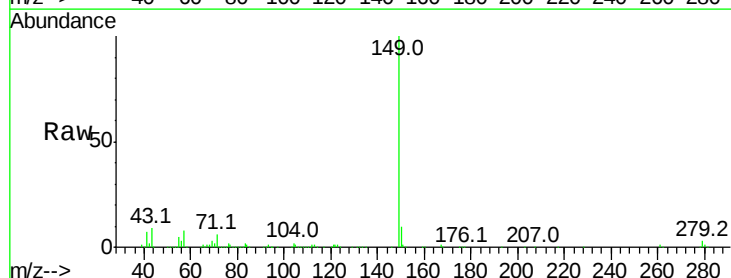
Tgt Ion:149 Resp: 644235

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

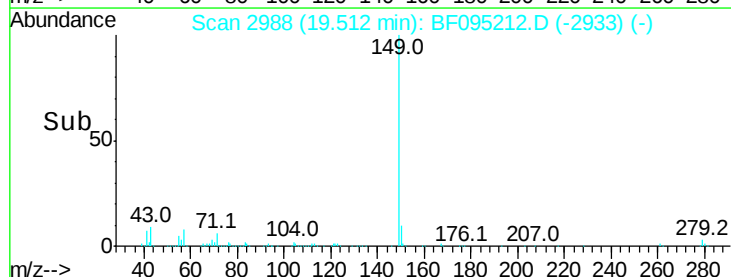
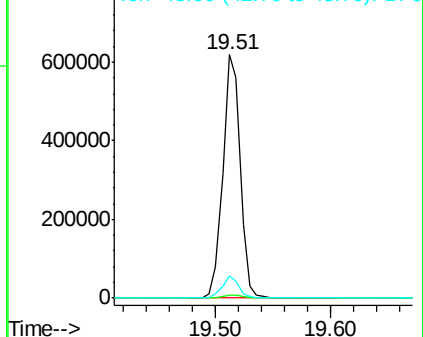
43 8.6 8.5 12.7

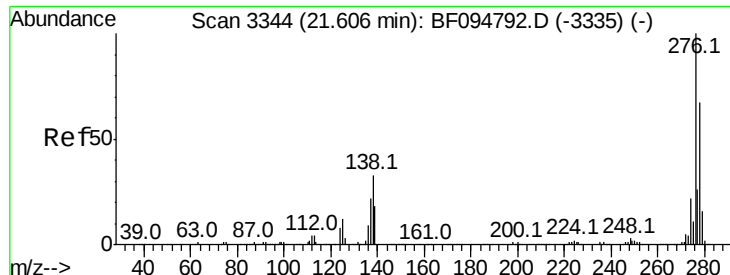


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

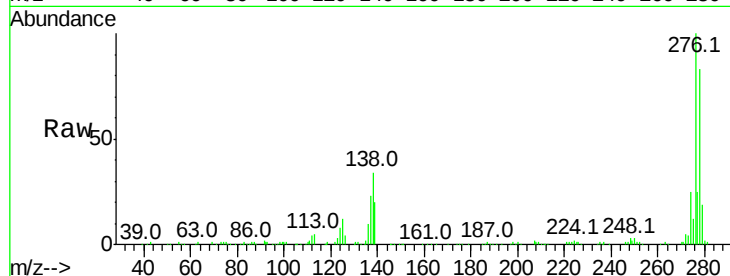




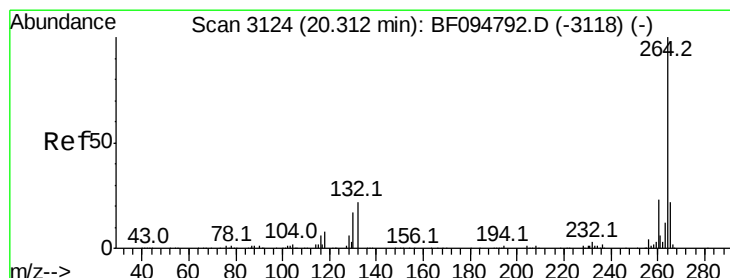
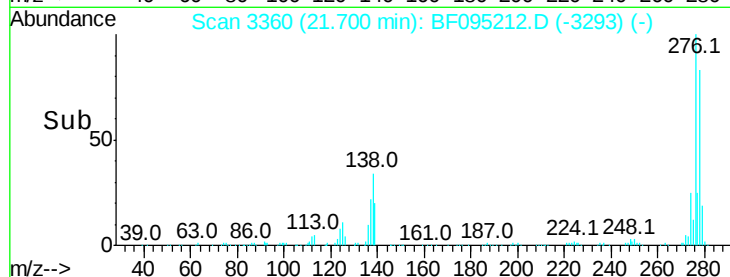
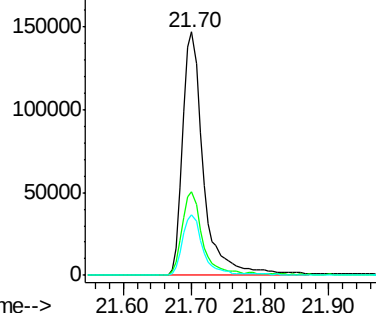
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.05 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.09 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.8	41.6
277	25.2	20.2	30.4

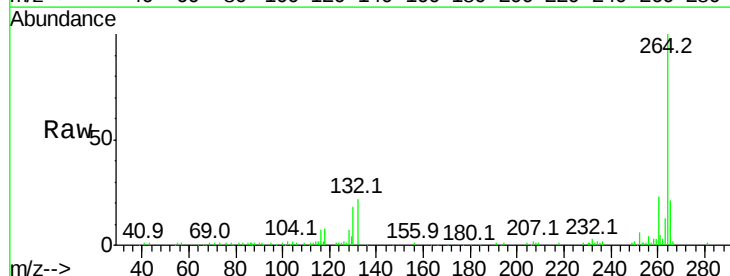


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

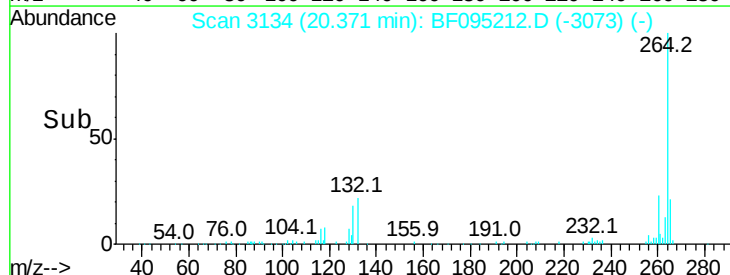
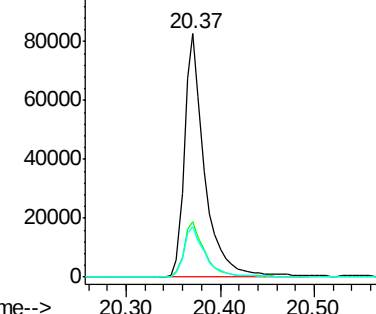


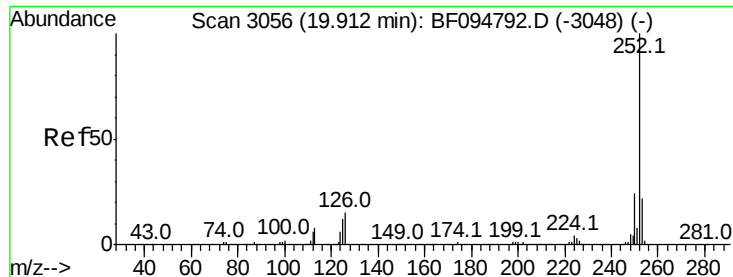
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.7	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.14 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

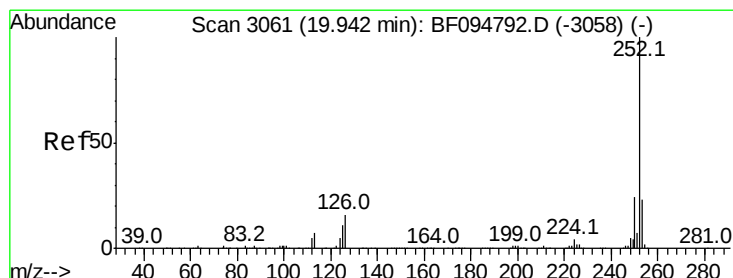
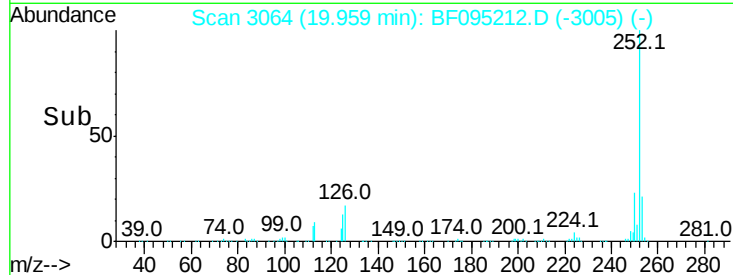
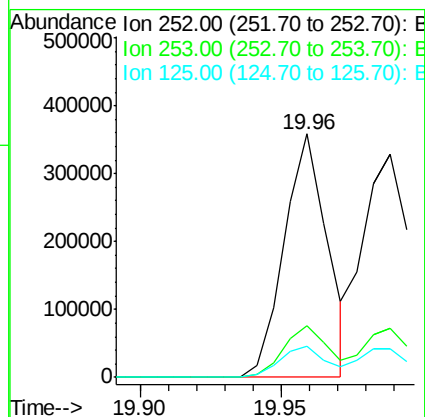
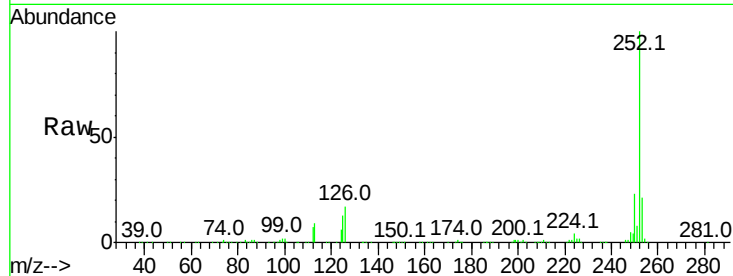
Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 380400

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	12.9	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 57.60 ng

RT: 19.99 min Scan# 3069

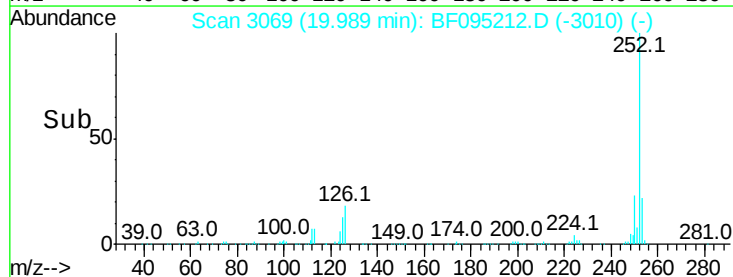
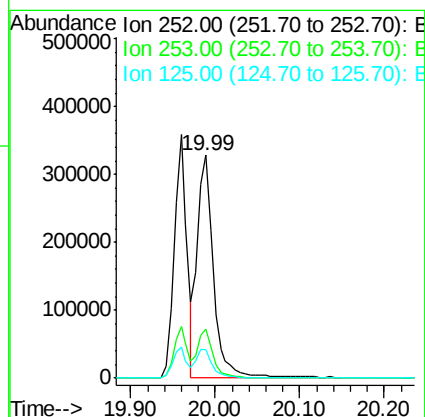
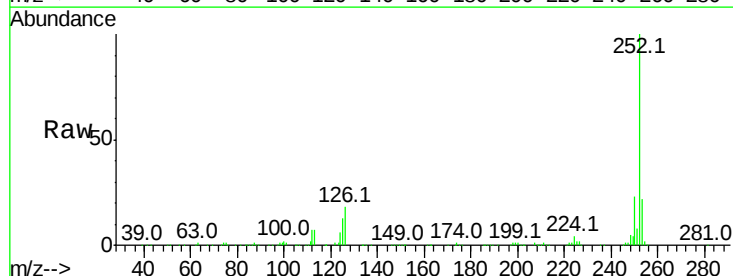
Delta R.T. 0.05 min

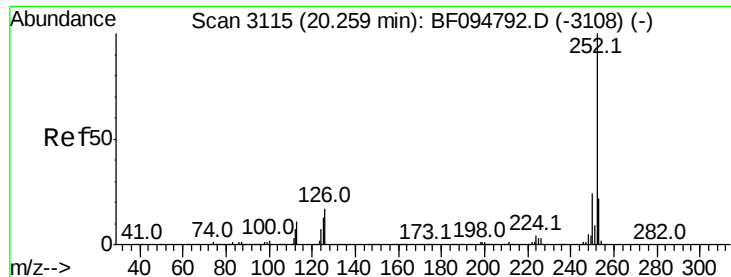
Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:252 Resp: 430099

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.0	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 49.24 ng

RT: 20.31 min Scan# 3124

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

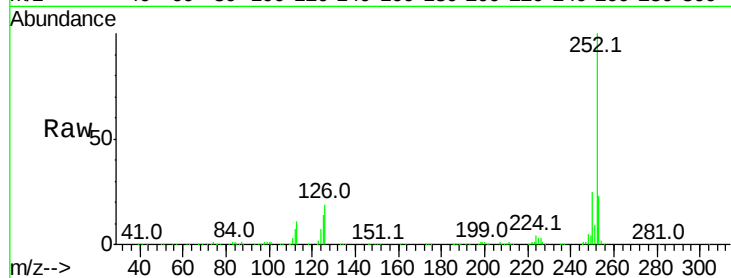
Tot Ion:252 Resp: 351747

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

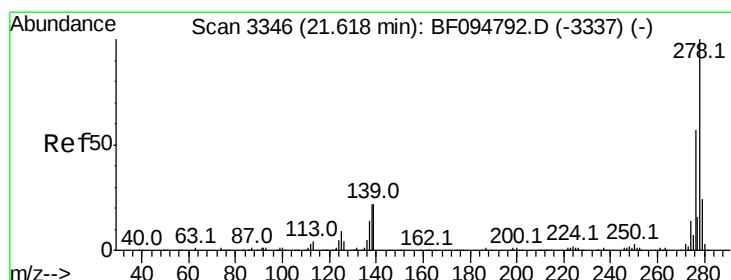
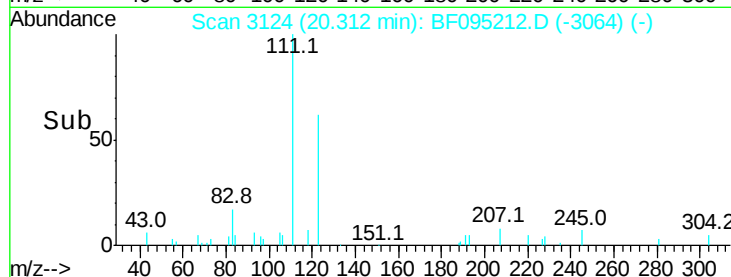
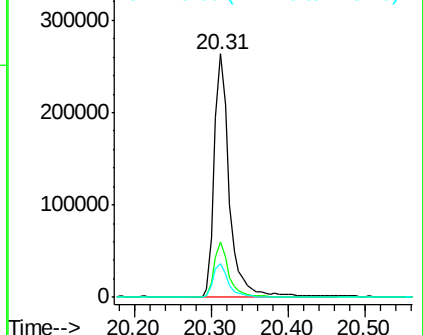
125 14.0 11.0 16.4



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: 43.39 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.08 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

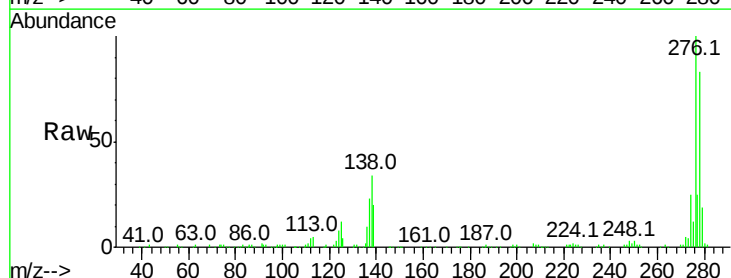
Tgt Ion:278 Resp: 255933

Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

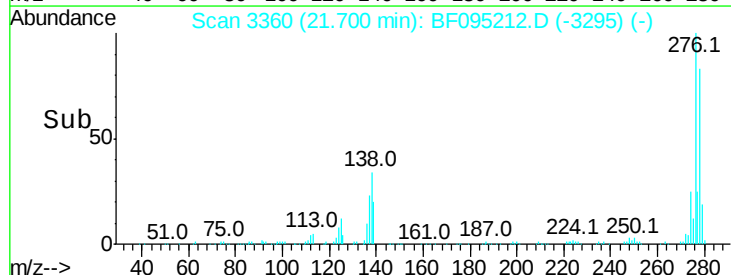
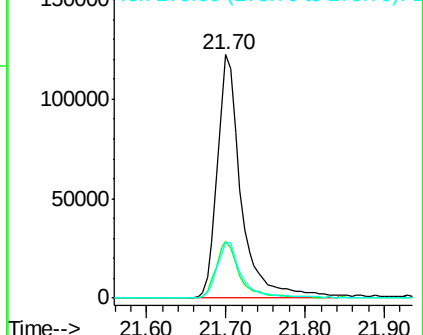
279 23.0 19.3 28.9

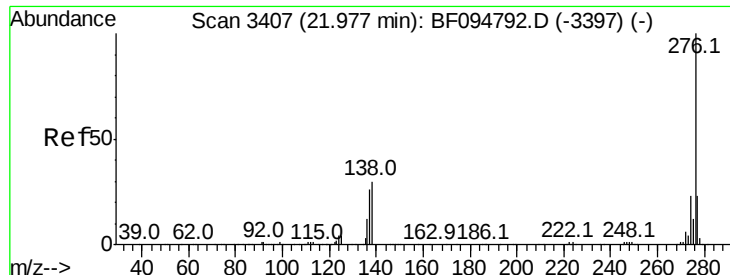


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.71 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.11 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

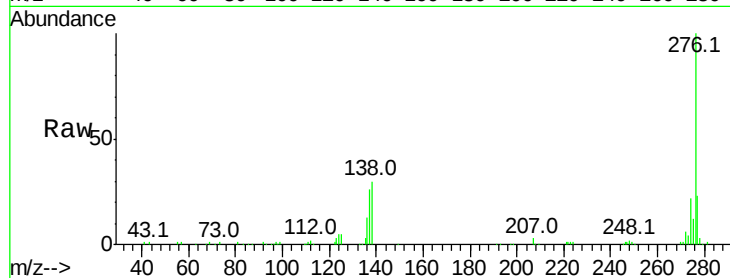
Tot Ion:276 Resp: 235650

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 29.5 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

