

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095398.D
 Acq On : 24 May 2017 20:03
 Operator : SJ/MA
 Sample : I3241-18MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:07:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	80782	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	307271	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	115549	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	194331	20.00	ng	-0.02
75) Chrysene-d12	18.69	240	150170	20.00	ng	0.00
86) Perylene-d12	20.37	264	115764	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	624016	128.79	ng	-0.01
7) Phenol-d6	7.30	99	716072	123.17	ng	-0.01
23) Nitrobenzene-d5	8.65	82	406439	83.41	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	106859	112.92	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	733338	91.35	ng	-0.02
78) Terphenyl-d14	17.33	244	558549	81.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	80914	34.05	ng	94
3) Pyridine	2.94	79	185303	33.65	ng	97
4) n-Nitrosodimethylamine	2.85	42	74914	32.63	ng	# 90
6) Aniline	7.26	93	176593	24.06	ng	95
8) 2-Chlorophenol	7.45	128	226061	40.99	ng	95
9) Benzaldehyde	7.08	77	72797	20.51	ng	# 75
10) Phenol	7.32	94	283786	46.32	ng	92
11) bis(2-Chloroethyl)ether	7.38	93	208294	41.18	ng	95
12) 1,3-Dichlorobenzene	7.65	146	244624	39.10	ng	98
13) 1,4-Dichlorobenzene	7.78	146	255921	40.34	ng	96
14) 1,2-Dichlorobenzene	8.01	146	234599	39.62	ng	97
15) Benzyl Alcohol	8.04	79	168804	45.14	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	275179	38.44	ng	97
17) 2-Methylphenol	8.26	107	177776	39.39	ng	97
18) Hexachloroethane	8.52	117	61614	28.67	ng	# 88
19) n-Nitroso-di-n-propylamine	8.45	70	144303	36.70	ng	95
20) 3+4-Methylphenols	8.52	107	228463	37.25	ng	# 60
22) Acetophenone	8.42	105	266995	36.22	ng	# 82
24) Nitrobenzene	8.68	77	207137	40.56	ng	92
25) Isophorone	9.08	82	370563	42.59	ng	95
26) 2-Nitrophenol	9.20	139	71623	25.99	ng	99
27) 2,4-Dimethylphenol	9.33	122	187593	42.10	ng	96
28) bis(2-Chloroethoxy)methane	9.44	93	249660	41.48	ng	98
29) 2,4-Dichlorophenol	9.63	162	163555	38.87	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	182013	40.38	ng	100
31) Naphthalene	9.80	128	710754	46.02	ng	99
32) Benzoic acid	9.62	122	2522	5.85	ng	# 29
33) 4-Chloroaniline	9.97	127	78434	13.63	ng	97
34) Hexachlorobutadiene	10.01	225	90395	38.01	ng	99
35) Caprolactam	10.57	113	46208	36.58	ng	# 81
36) 4-Chloro-3-methylphenol	10.82	107	167239	37.18	ng	92
37) 2-Methylnaphthalene	10.92	142	432071	42.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	154098	43.37	ng	99
40) Hexachlorocyclopentadiene	11.18	237	339	6.27	ng	# 27

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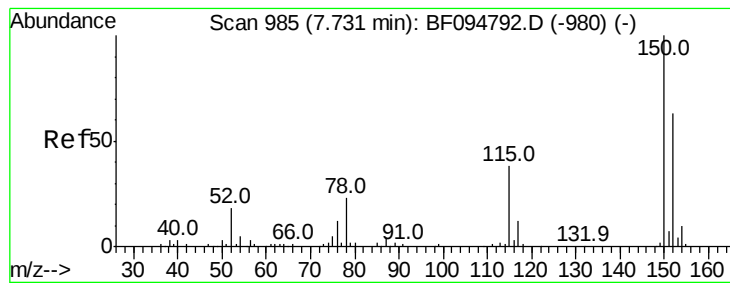
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.44	196	95991	40.46	nq	97
43) 2,4,5-Trichlorophenol	11.55	196	95467	37.44	nq	94
45) 1,1'-Biphenyl	11.69	154	445791	45.82	nq	98
46) 2-Chloronaphthalene	11.71	162	329020	41.88	nq	95
47) 2-Nitroaniline	11.93	65	96712	44.98	nq	89
48) Acenaphthylene	12.37	152	569082	46.25	nq	99
49) Dimethylphthalate	12.24	163	463110	48.82	nq	98
50) 2,6-Dinitrotoluene	12.34	165	62805	32.45	nq	# 90
51) Acenaphthene	12.65	154	363321	49.44	nq	99
52) 3-Nitroaniline	12.62	138	78838	37.96	nq	87
54) Dibenzofuran	12.94	168	486719	47.86	nq	97
55) 4-Nitrophenol	13.05	139	64283	51.53	nq	# 78
56) 2,4-Dinitrotoluene	13.02	165	73192	29.43	nq	# 94
57) Fluorene	13.50	166	423431	47.88	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.20	232	63943	39.84	nq	94
59) Diethylphthalate	13.38	149	355222	39.07	nq	100
60) 4-Chlorophenyl-phenylether	13.52	204	149641	38.50	nq	88
61) 4-Nitroaniline	13.62	138	73517	38.55	nq	92
62) Azobenzene	13.77	77	300809	41.17	nq	91
65) n-Nitrosodiphenylamine	13.72	169	288034	40.84	nq	98
66) 4-Bromophenyl-phenylether	14.30	248	80790	39.35	nq	99
67) Hexachlorobenzene	14.39	284	78966	37.53	nq	# 84
68) Atrazine	14.65	200	78879	39.61	nq	97
69) Pentachlorophenol	14.77	266	48935	53.53	nq	96
70) Phenanthrene	15.05	178	1802052	161.39	nq	99
71) Anthracene	15.13	178	799881	70.13	nq	98
72) Carbazole	15.41	167	558686	53.84	nq	97
73) Di-n-butylphthalate	15.97	149	536923	41.49	nq	99
74) Fluoranthene	16.81	202	2181646	190.48	nq	100
76) Benzidine	17.04	184	7624	8.21	nq	# 86
77) Pyrene	17.11	202	2252209	200.53	nq	98
79) Butylbenzylphthalate	17.99	149	241163	46.16	nq	87
80) Benzo(a)anthracene	18.68	228	1250660	143.10	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	70865	23.48	nq	94
82) Chrysene	18.73	228	1084814	128.37	nq	97
83) Bis(2-ethylhexyl)phthalate	18.74	149	302045	40.58	nq	# 99
84) Di-n-octyl phthalate	19.50	149	564767	46.28	nq	98
85) Indeno(1,2,3-cd)pyrene	21.71	276	542184	79.00	nq	94
87) Benzo(b)fluoranthene	19.97	252	1031209	144.16	nq	98
88) Benzo(k)fluoranthene	19.97	252	1031209	149.45	nq	98
89) Benzo(a)pyrene	20.31	252	749751	113.59	nq	98
90) Dibenzo(a,h)anthracene	21.70	278	286330	52.52	nq	96
91) Benzo(g,h,i)perylene	22.09	276	502970	94.02	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

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Acq: 24 May 2017 20:03

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ClientSampleId :

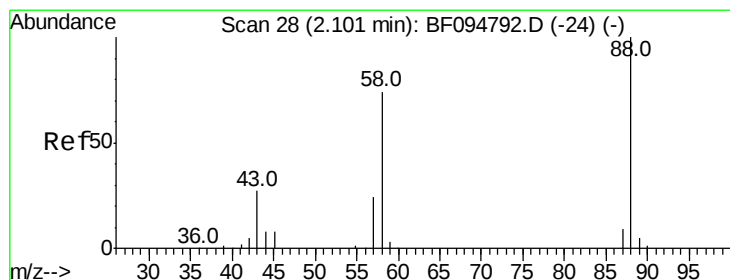
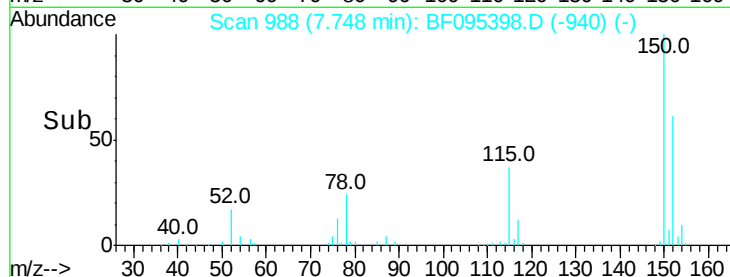
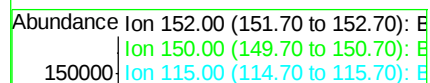
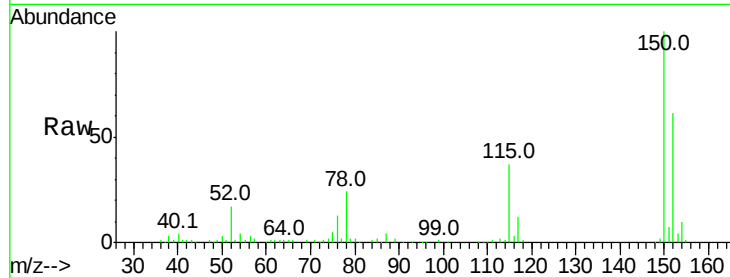
Tot Ion:152 Resp: 80782

Ion Ratio Lower Upper

152 100

150 163.8 126.2 189.2

115 59.8 52.2 78.2



#2

1,4-Dioxane

Concen: 34.05 ng

RT: 2.23 min Scan# 49

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

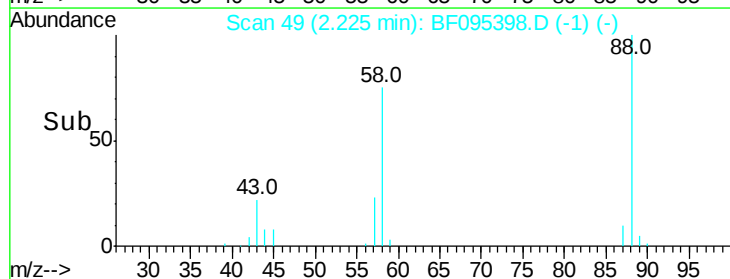
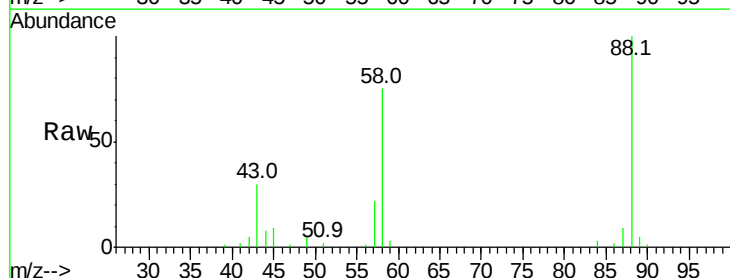
Tgt Ion: 88 Resp: 80914

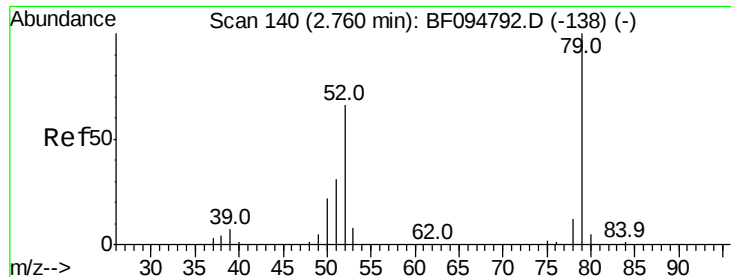
Ion Ratio Lower Upper

88 100

58 70.8 61.4 92.0

43 27.6 23.4 35.0





#3

Pvridine

Concen: 33.65 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampled :

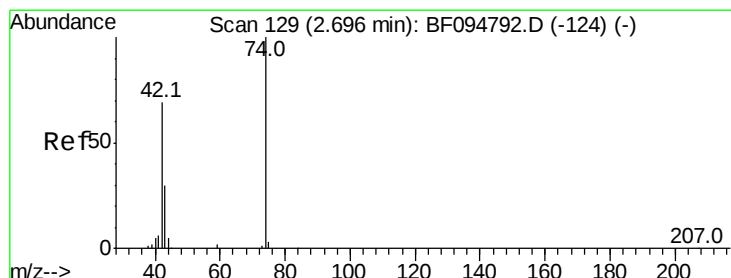
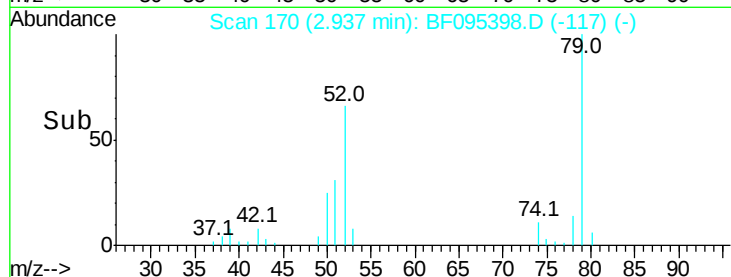
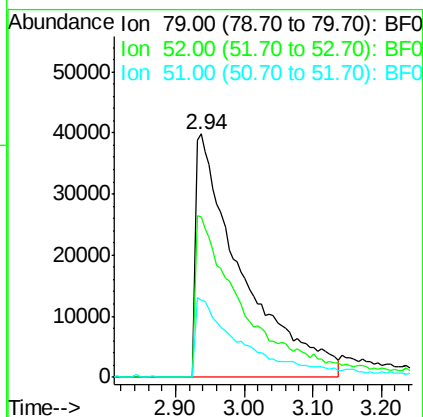
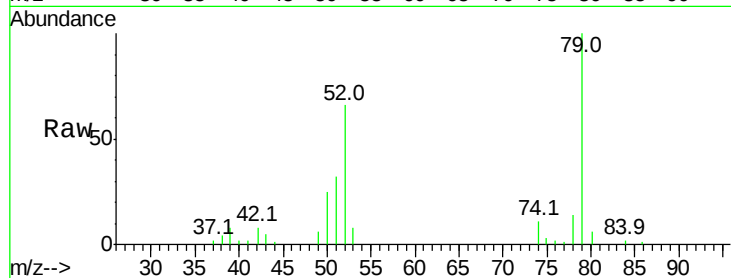
Tot Ion: 79 Resp: 185303

Ion Ratio Lower Upper

79 100

52 66.1 54.8 82.2

51 31.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 32.63 ng

RT: 2.85 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

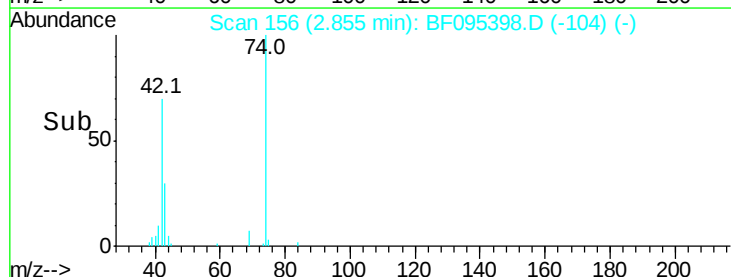
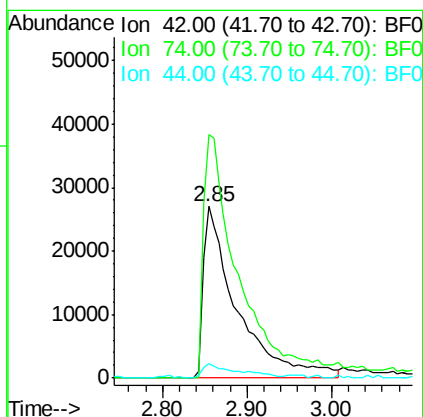
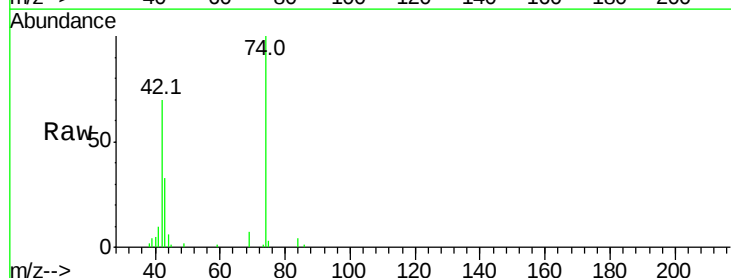
Tgt Ion: 42 Resp: 74914

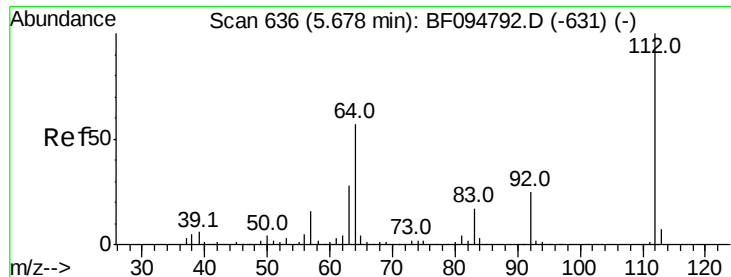
Ion Ratio Lower Upper

42 100

74 141.8 103.9 155.9

44 8.6 5.7 8.5#





#5

2-Fluorophenol

Concen: 128.79 ng

RT: 5.72 min Scan# 644

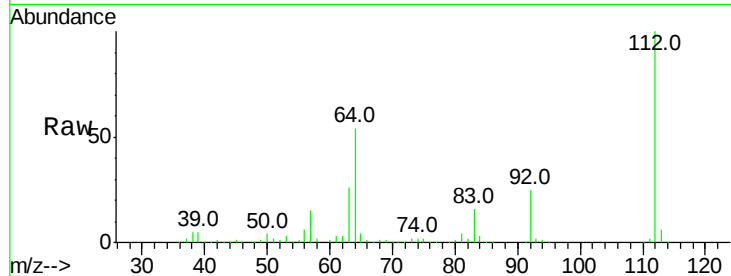
Delta R.T. -0.01 min

Lab File: BF095398.D

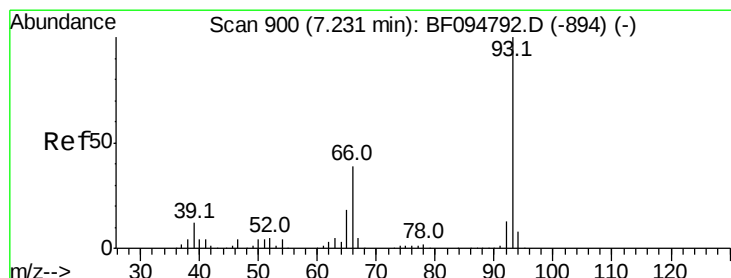
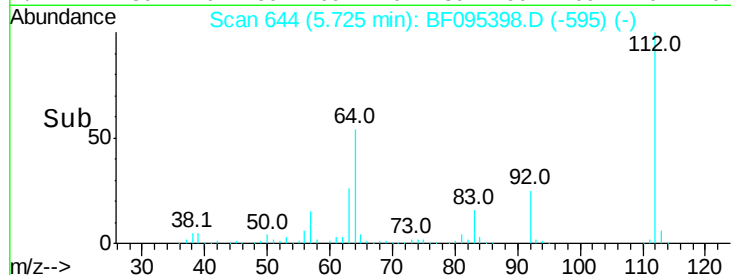
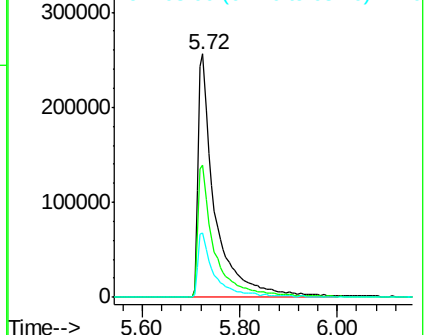
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	624016
Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 24.06 ng

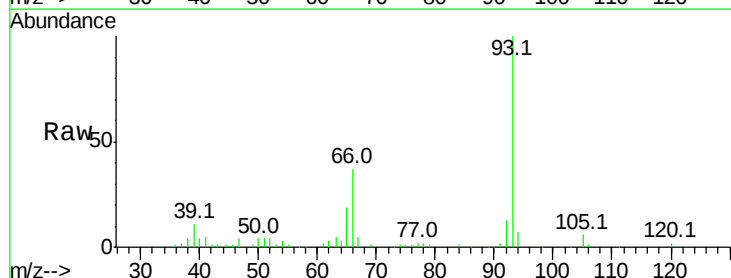
RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

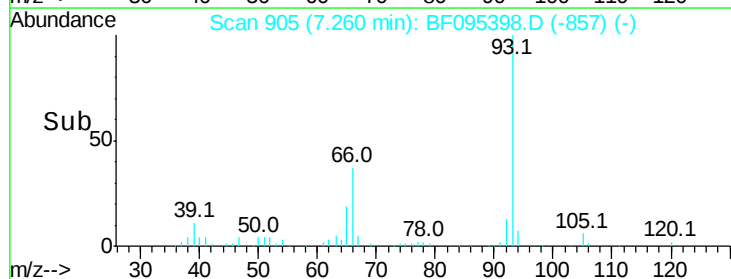
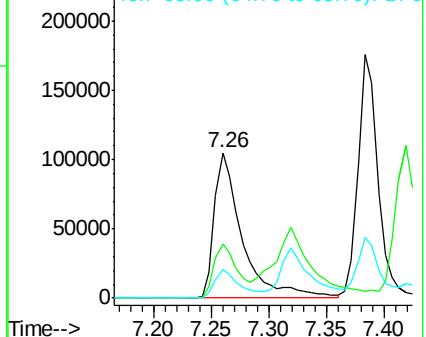
Lab File: BF095398.D

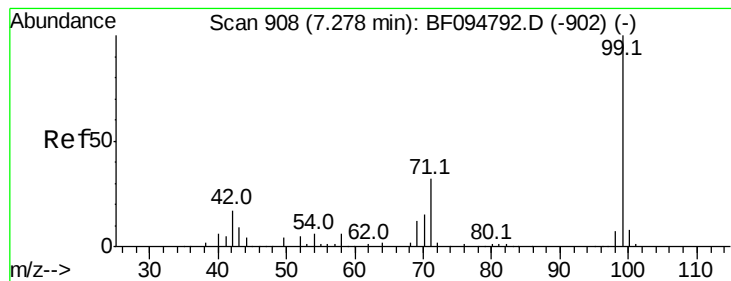
Acq: 24 May 2017 20:03

Tgt Ion:	93	Resp:	176593
Ion	Ratio	Lower	Upper
93	100		
66	37.1	32.9	49.3
65	19.3	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 123.17 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

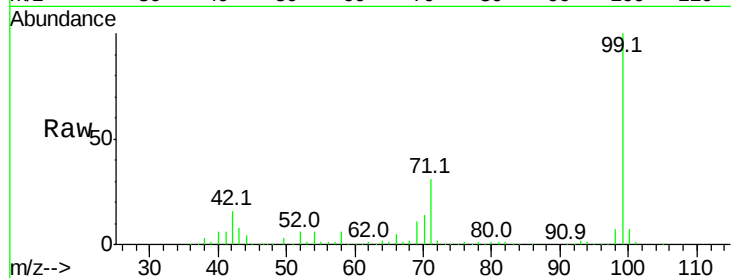
Tot Ion: 99 Resp: 716072

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

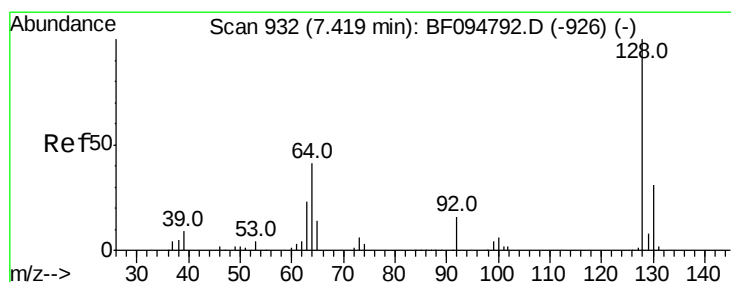
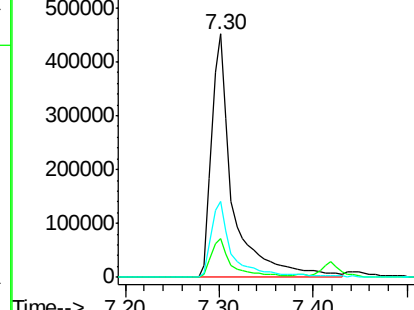
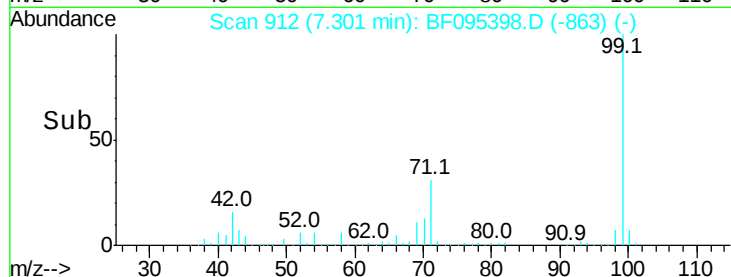
71 31.4 24.5 36.7



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: 40.99 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

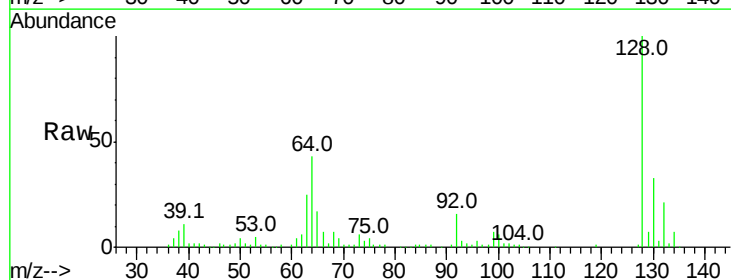
Tgt Ion:128 Resp: 226061

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

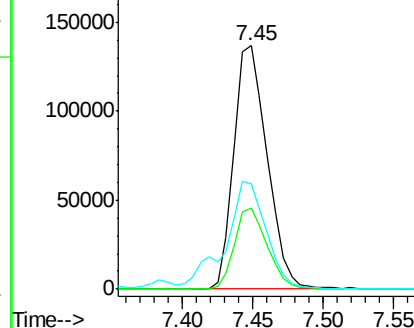
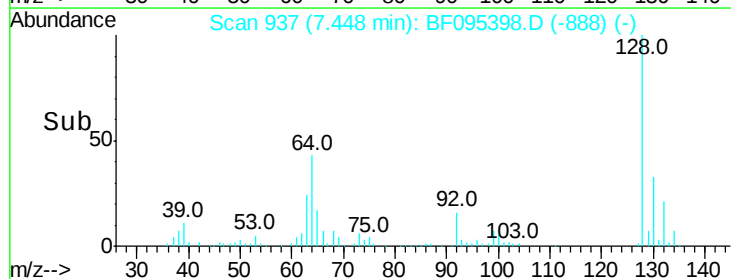
64 43.4 28.4 68.4

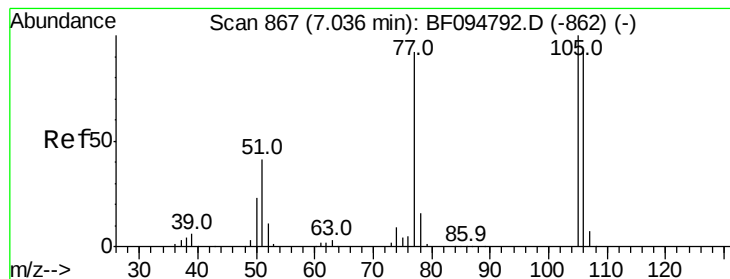


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.51 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

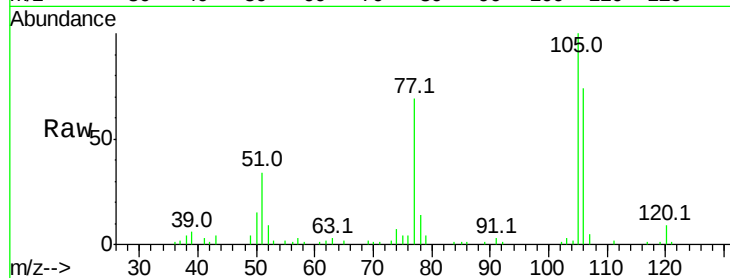
Tot Ion: 77 Resp: 72797

Ion Ratio Lower Upper

77 100

105 145.6 83.8 123.8#

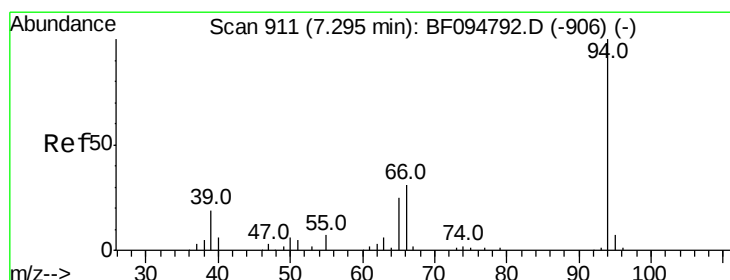
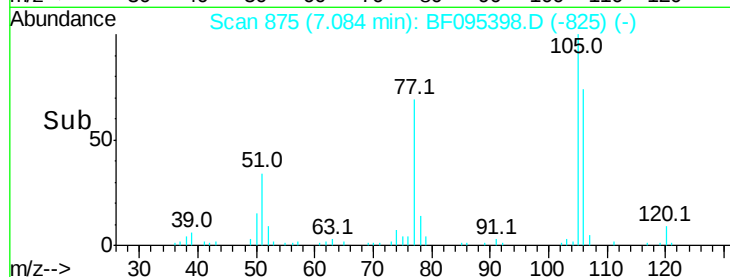
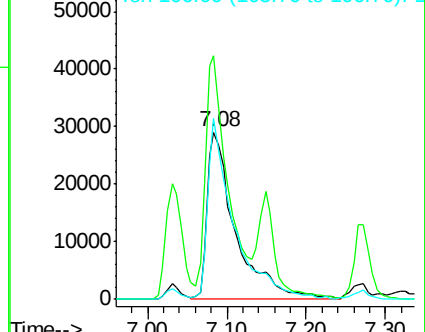
106 108.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.32 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

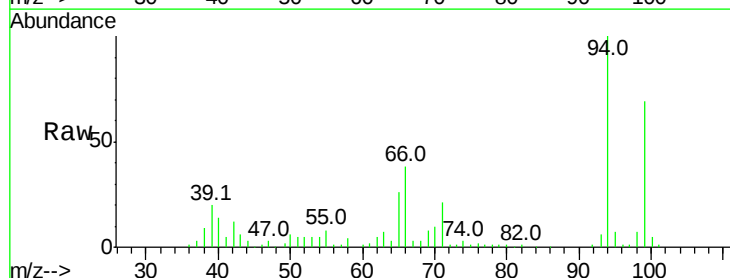
Tgt Ion: 94 Resp: 283786

Ion Ratio Lower Upper

94 100

65 26.5 9.9 49.9

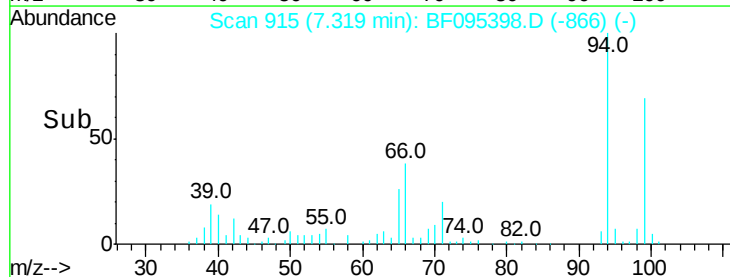
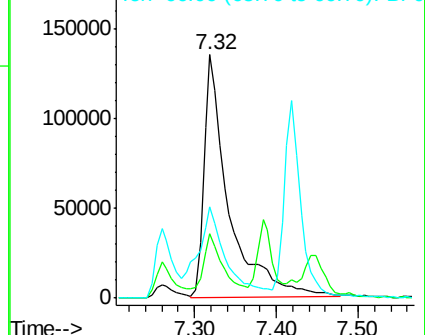
66 37.7 23.1 63.1

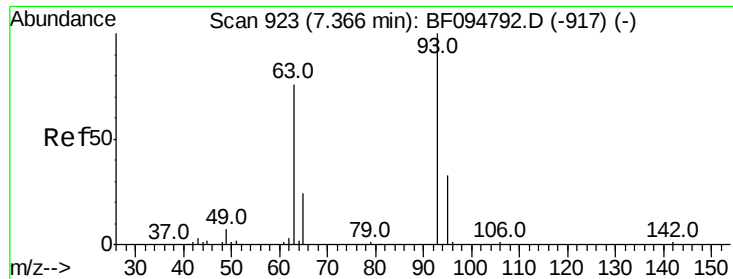


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.18 ng

RT: 7.38 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

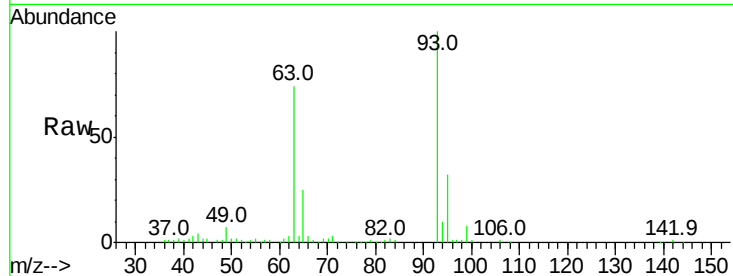
Tot Ion: 93 Resp: 208294

Ion Ratio Lower Upper

93 100

63 74.0 59.2 99.2

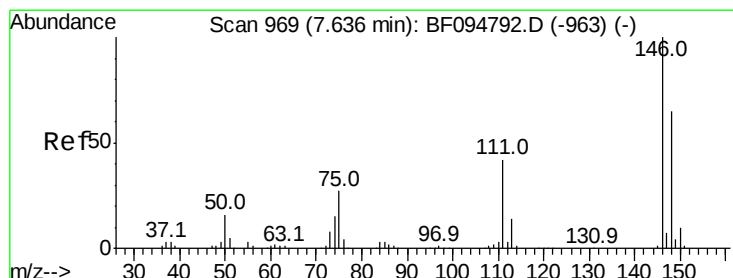
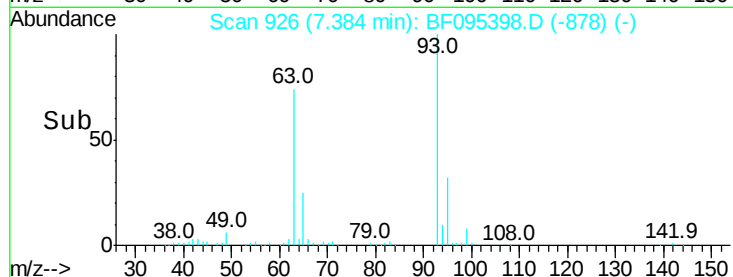
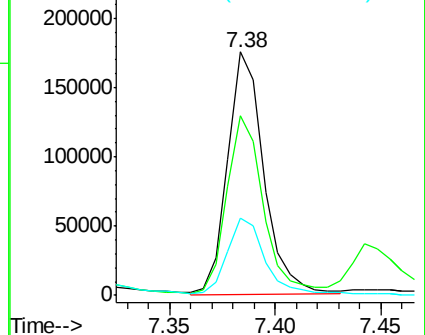
95 32.0 12.8 52.8



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: 39.10 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

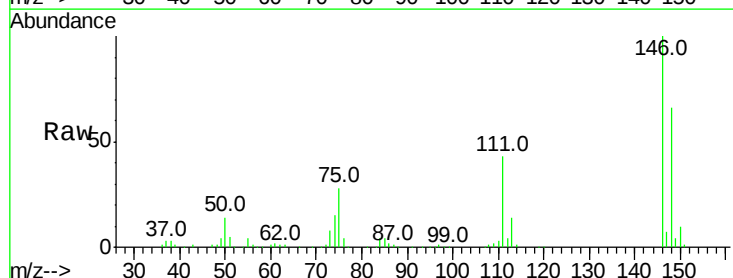
Tgt Ion: 146 Resp: 244624

Ion Ratio Lower Upper

146 100

148 66.5 51.8 77.6

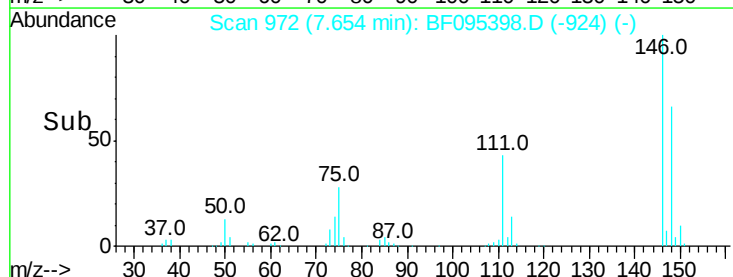
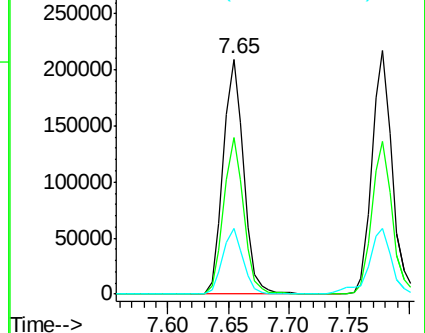
75 28.2 23.1 34.7

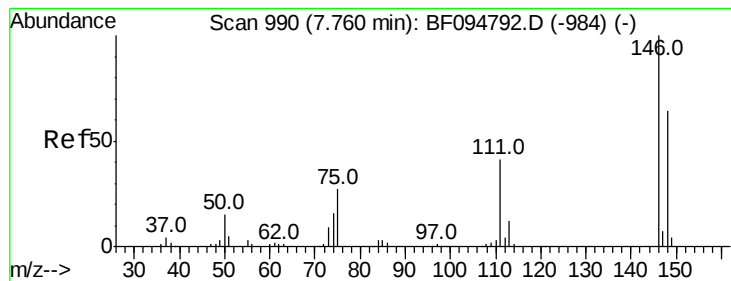


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.34 ng

RT: 7.78 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampled :

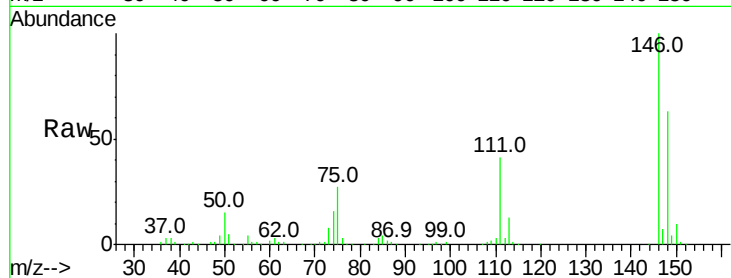
Tot Ion:146 Resp: 255921

Ion Ratio Lower Upper

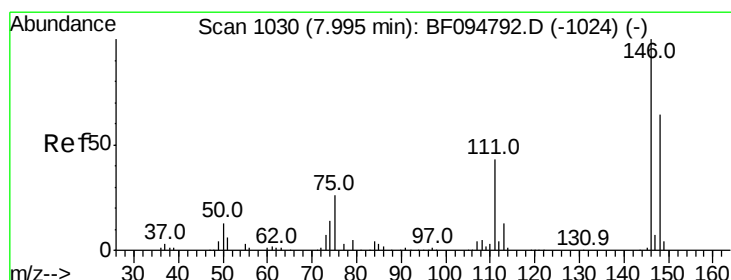
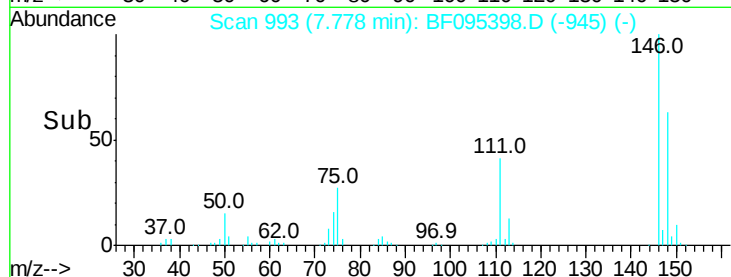
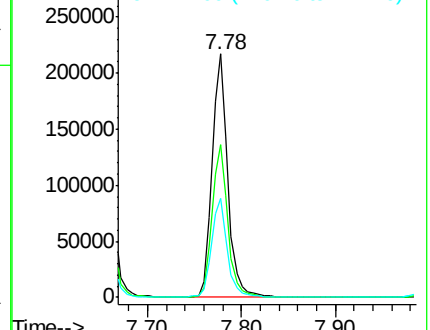
146 100

148 63.0 52.2 78.2

111 40.7 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.62 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

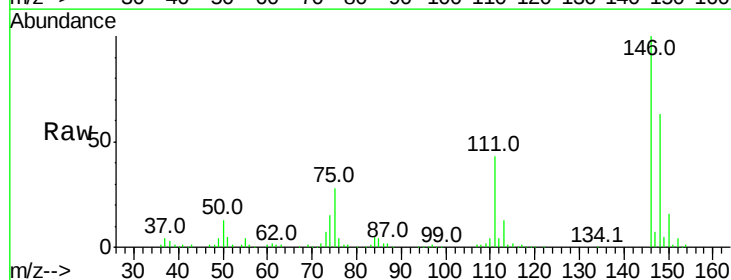
Tgt Ion:146 Resp: 234599

Ion Ratio Lower Upper

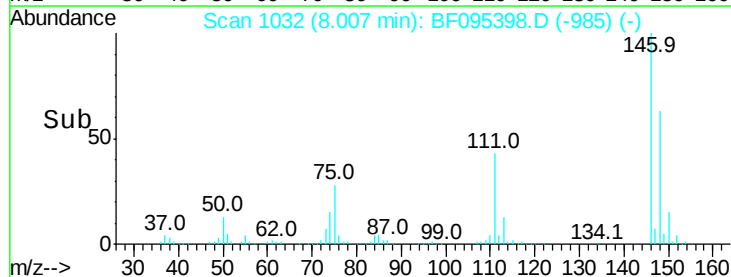
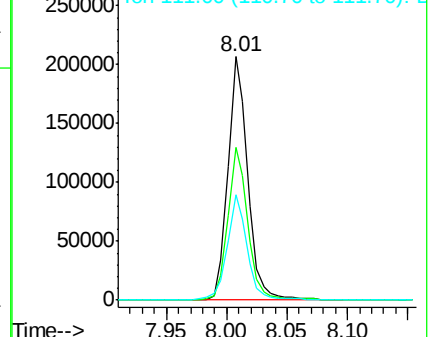
146 100

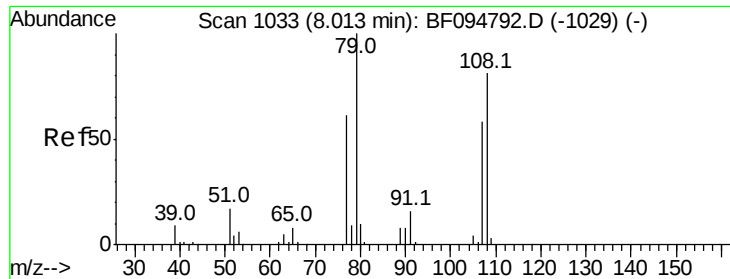
148 63.0 50.4 75.6

111 43.2 38.2 57.4



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

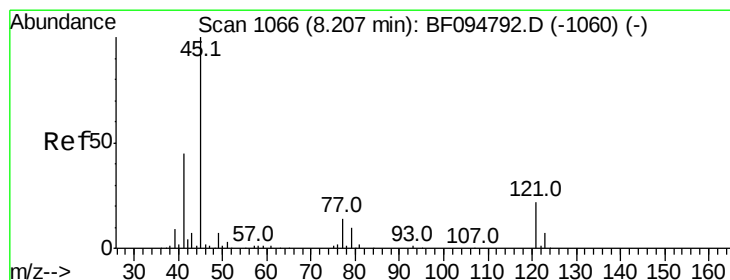
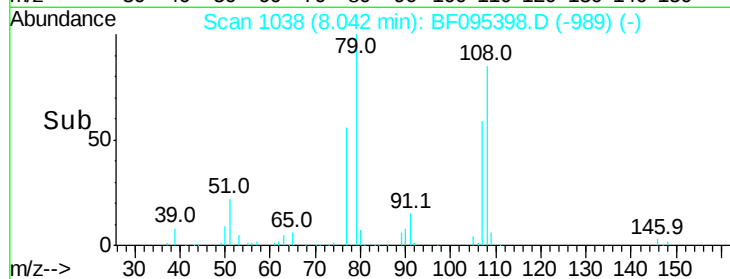
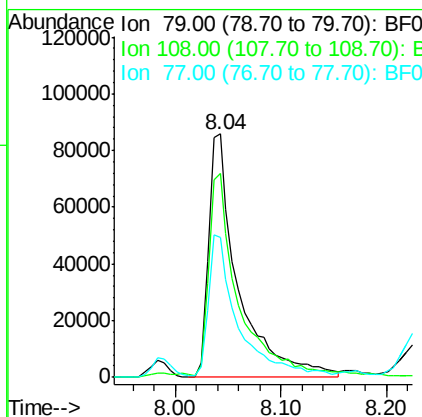
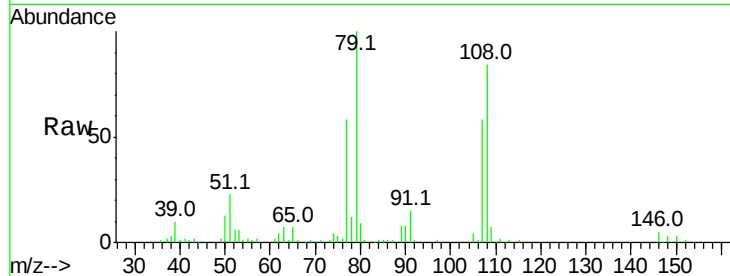




#15
Benzyl Alcohol
Concen: 45.14 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

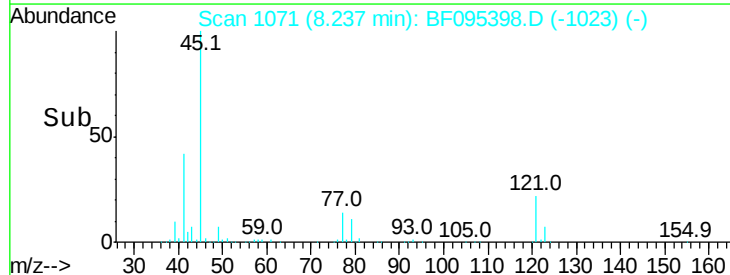
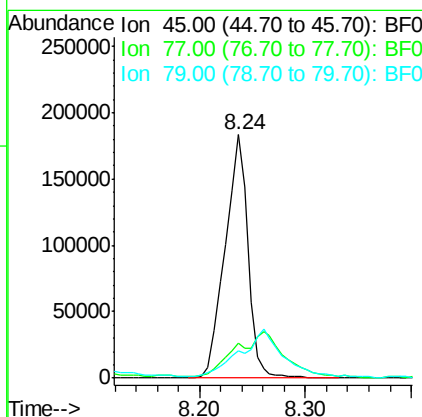
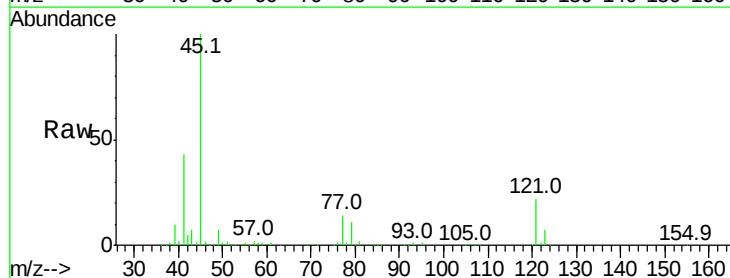
Instrument :
BNA_F
ClientSampled :

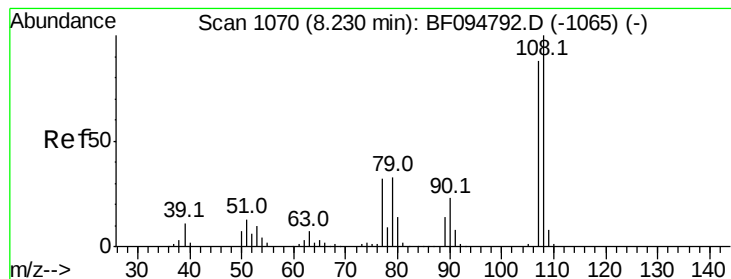
Tot Ion: 79 Resp: 168804
Ion Ratio Lower Upper
79 100
108 83.8 63.4 95.0
77 57.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.44 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion: 45 Resp: 275179
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.2
79 11.3 0.0 30.0

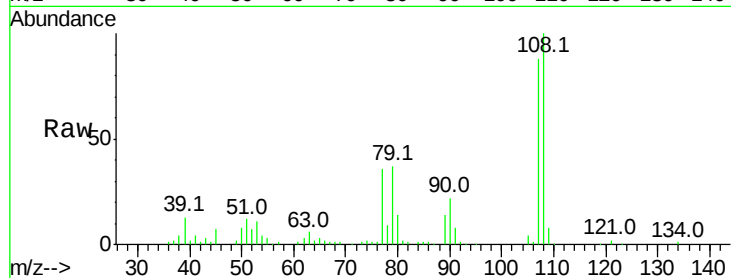




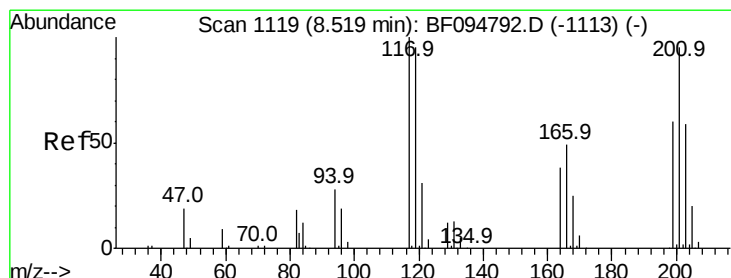
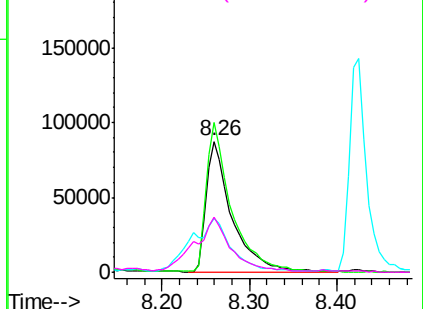
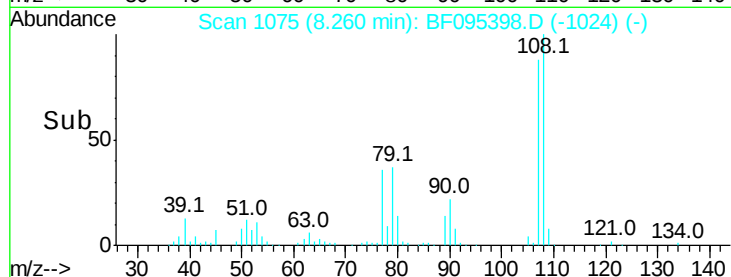
#17
2-Methylphenol
Concen: 39.39 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 177776
Ion Ratio Lower Upper
107 100
108 114.1 93.4 140.0
77 40.6 35.8 53.6
79 42.0 34.8 52.2

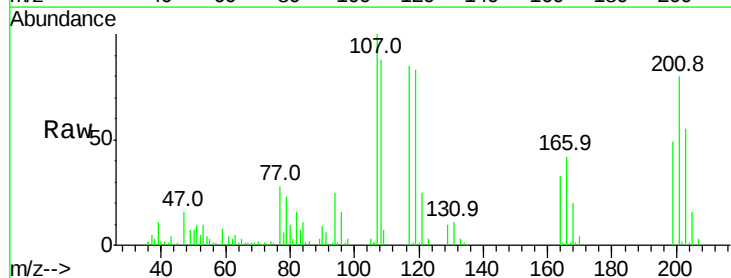


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

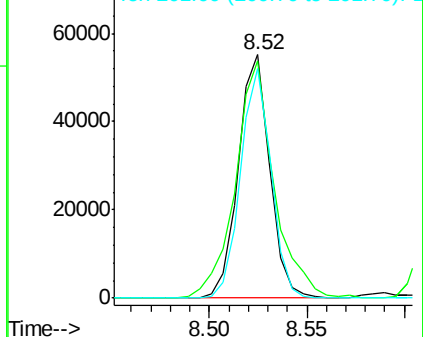
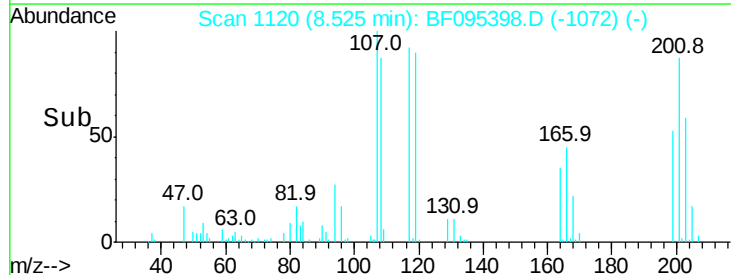


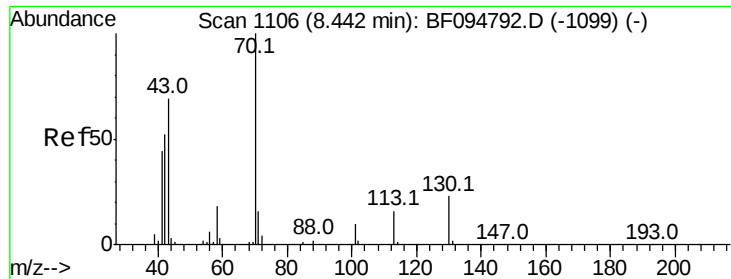
#18
Hexachloroethane
Concen: 28.67 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion:117 Resp: 61614
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0
201 94.1 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

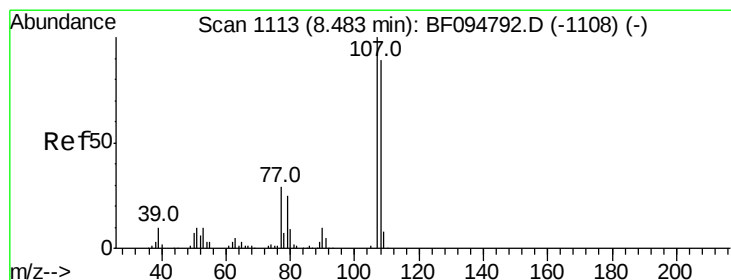
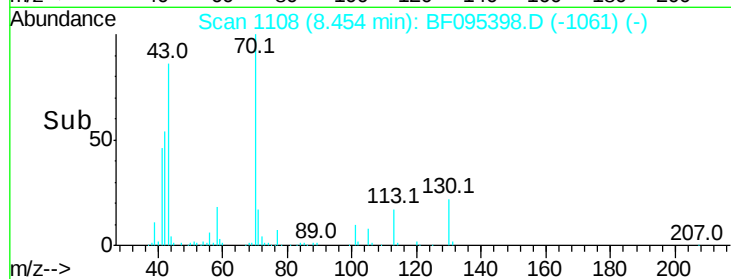
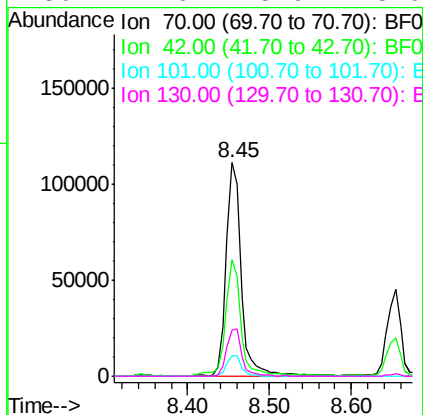
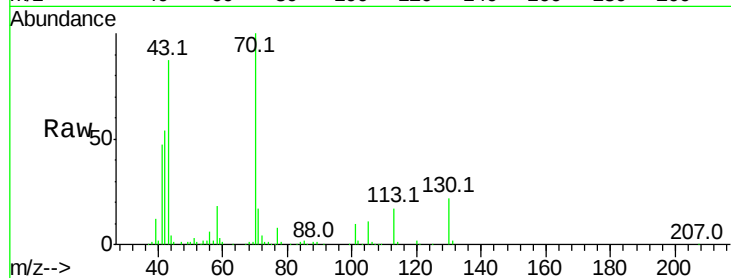




#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 8.45 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

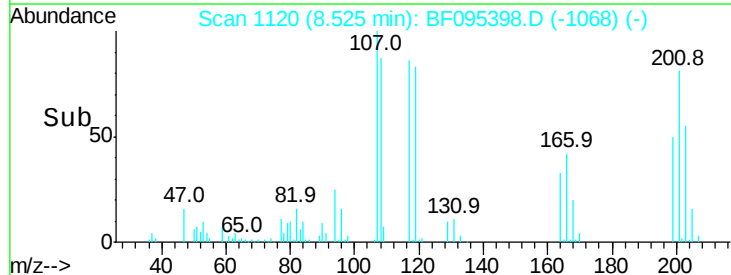
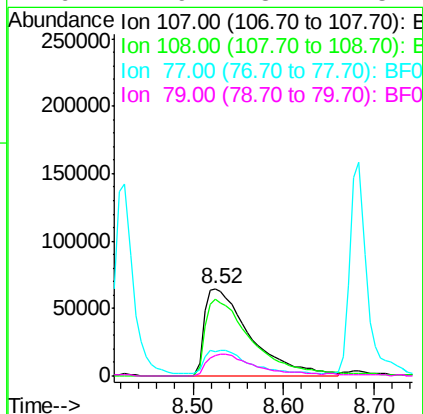
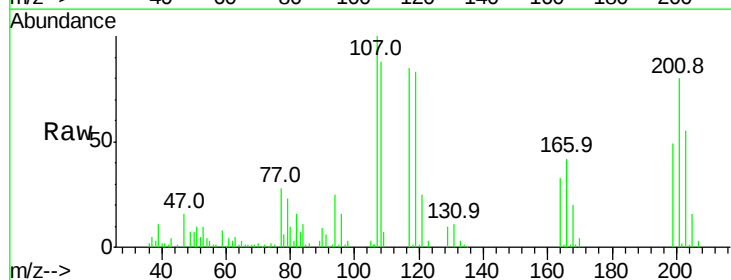
Instrument :
BNA_F
ClientSampleId :

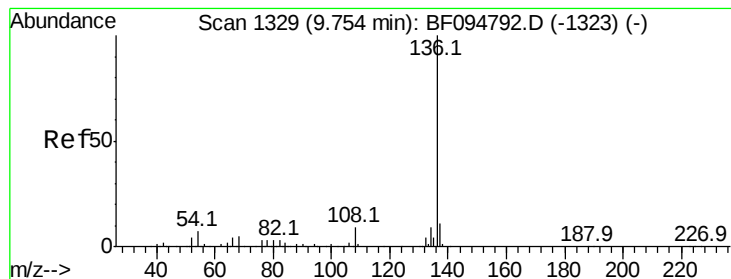
Tot Ion: 70 Resp: 144303
Ion Ratio Lower Upper
70 100
42 54.5 47.2 70.8
101 9.9 7.2 10.8
130 21.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 37.25 ng
RT: 8.52 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion:107 Resp: 228463
Ion Ratio Lower Upper
107 100
108 87.6 71.0 111.0
77 28.5 90.5 130.5#
79 22.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 307271

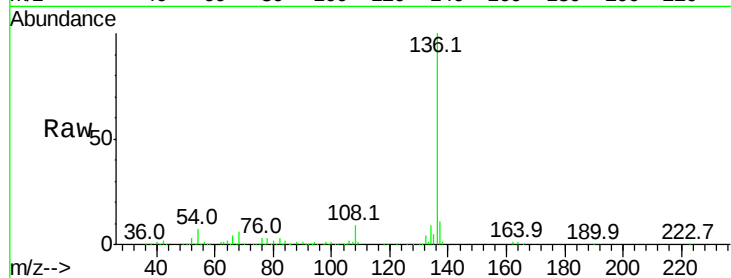
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

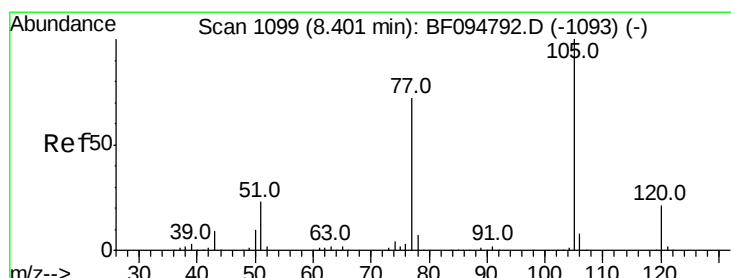
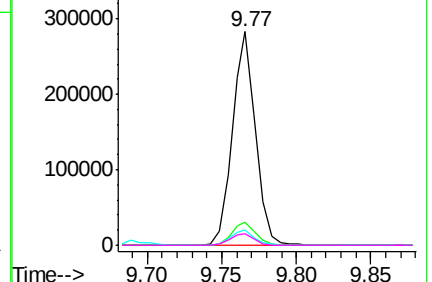
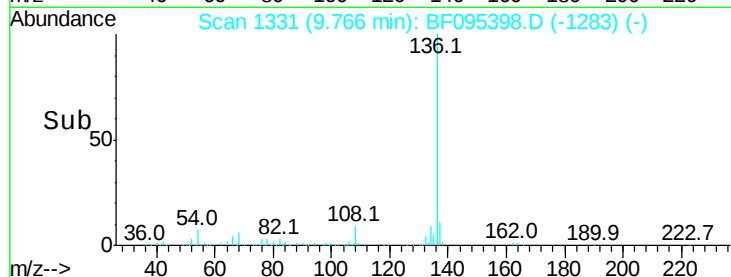


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.22 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Tgt Ion:105 Resp: 266995

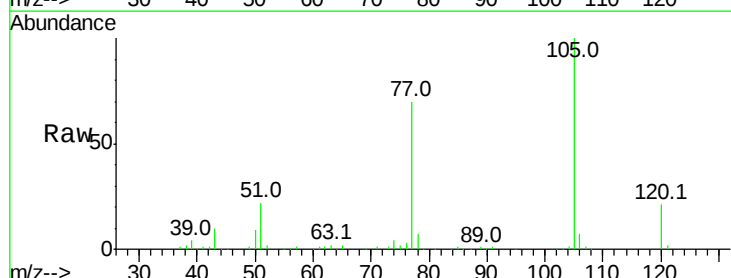
Ion Ratio Lower Upper

105 100

71 0.6 2.8 4.2#

51 21.6 30.7 46.1#

120 21.2 17.4 26.0

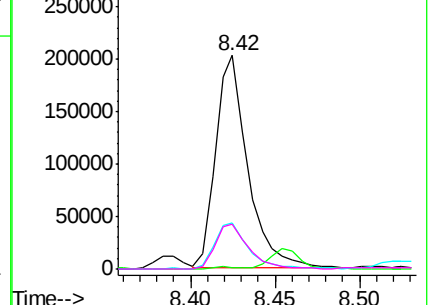
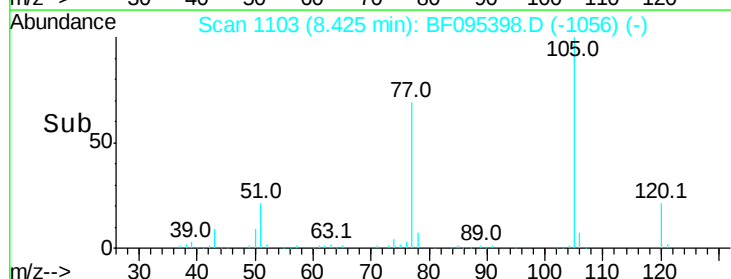


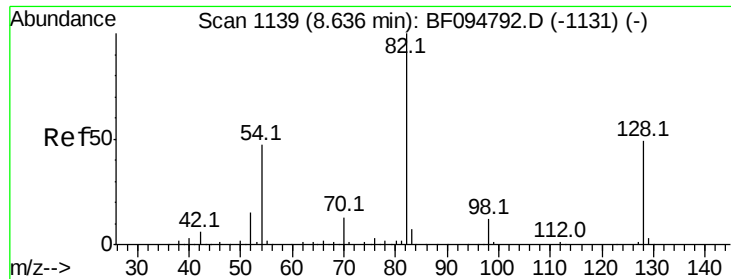
Abundance Ion 105.00 (104.70 to 105.70): E

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

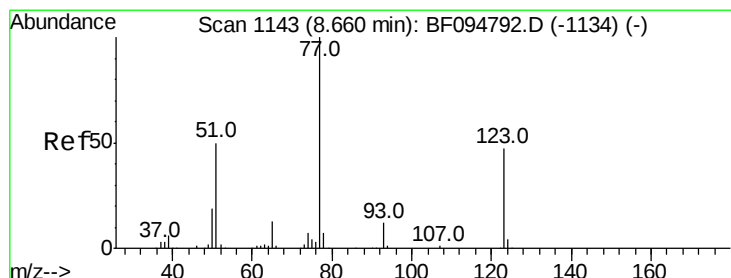
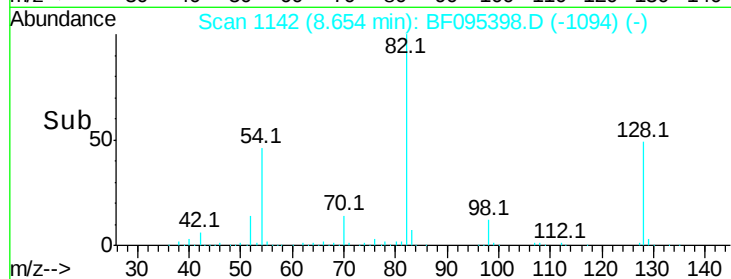
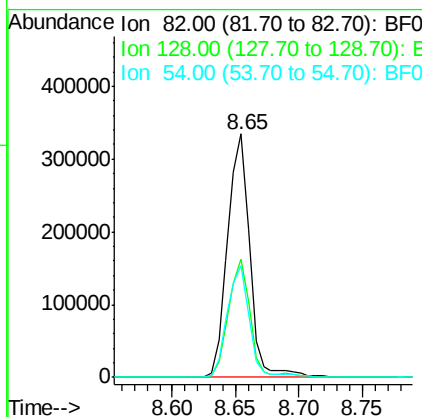
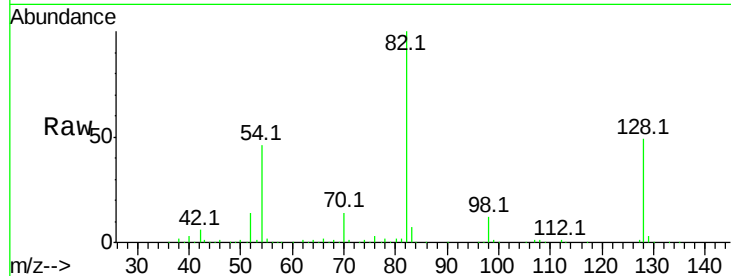




#23
Nitrobenzene-d5
Concen: 83.41 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

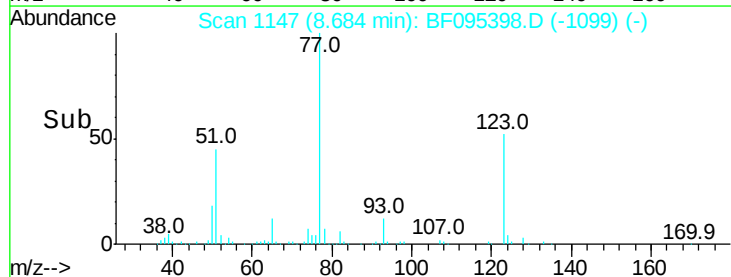
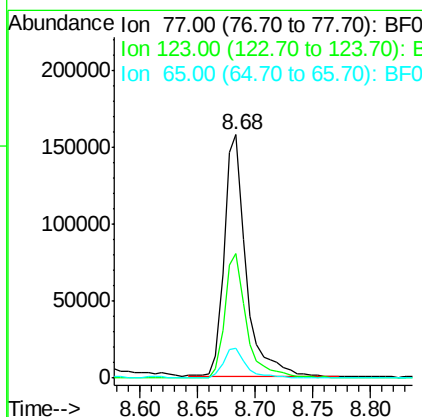
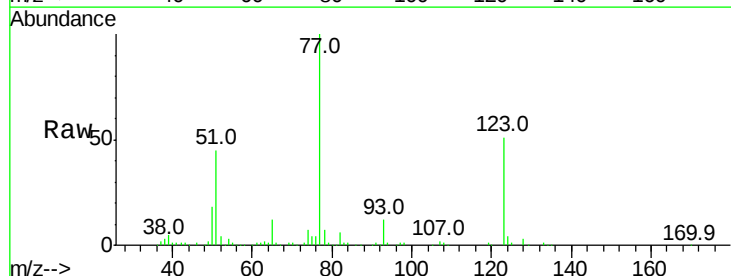
Instrument :
BNA_F
ClientSampled :

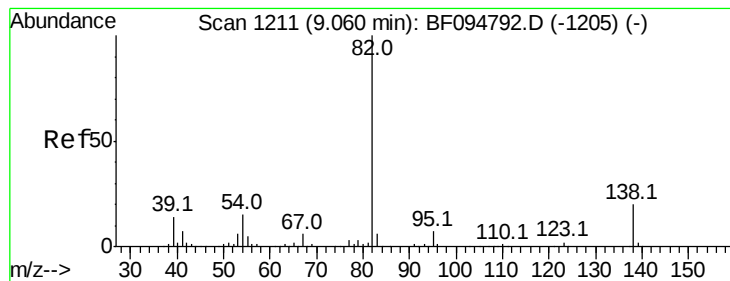
Tot Ion: 82 Resp: 406439
Ion Ratio Lower Upper
82 100
128 48.7 34.0 51.0
54 45.9 42.2 63.2



#24
Nitrobenzene
Concen: 40.56 ng
RT: 8.68 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion: 77 Resp: 207137
Ion Ratio Lower Upper
77 100
123 51.3 35.8 53.8
65 12.2 10.6 15.8





#25

Isophorone

Concen: 42.59 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

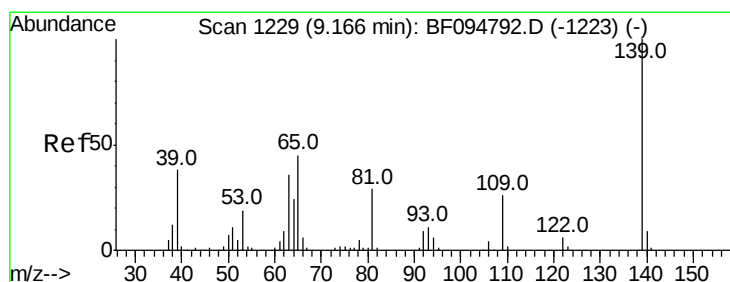
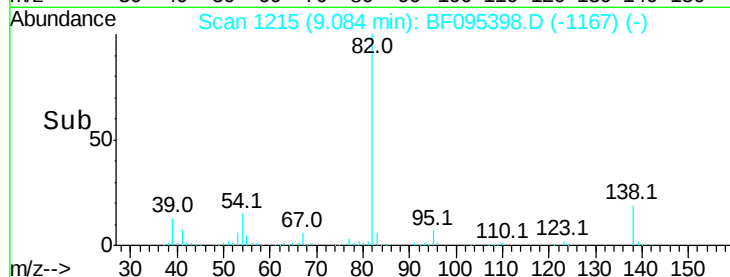
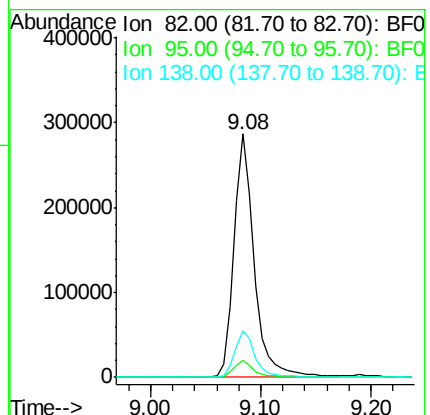
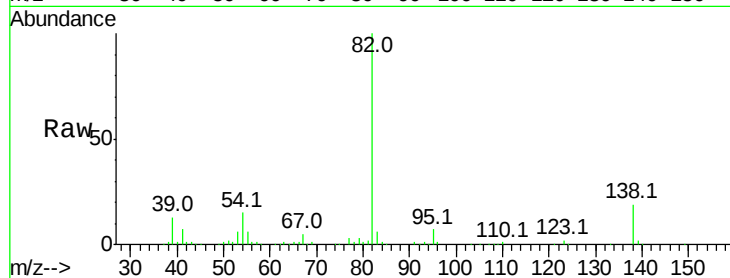
Tot Ion: 82 Resp: 370563

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 25.99 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

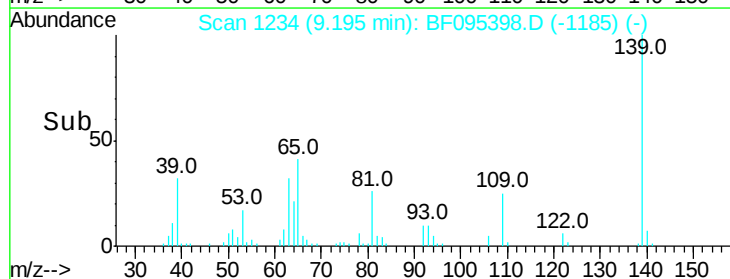
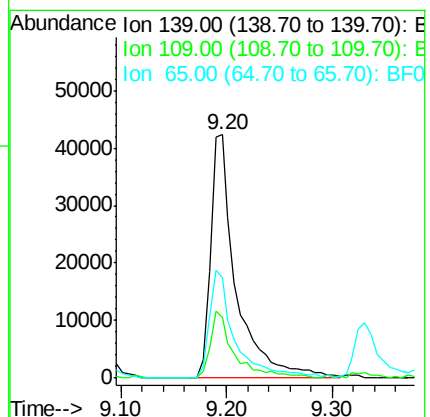
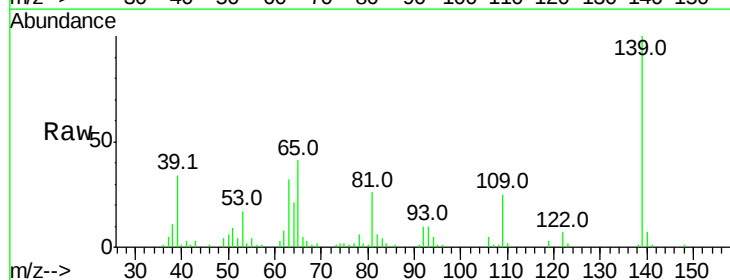
Tgt Ion:139 Resp: 71623

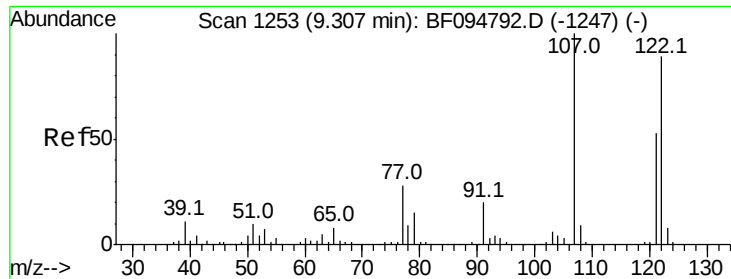
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 41.0 33.0 49.6

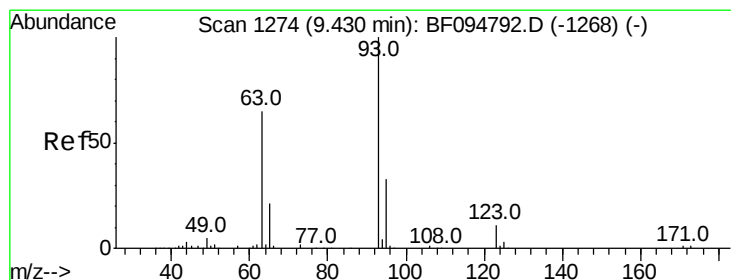
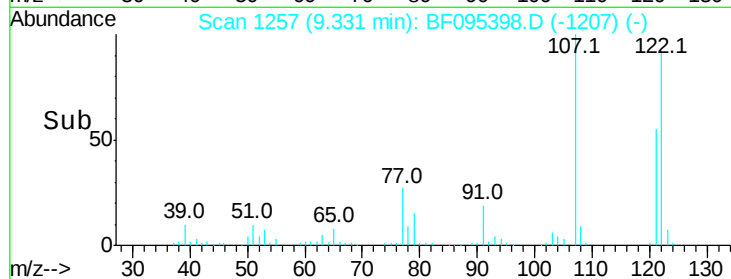
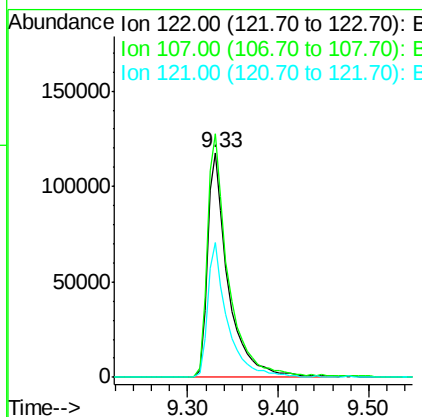
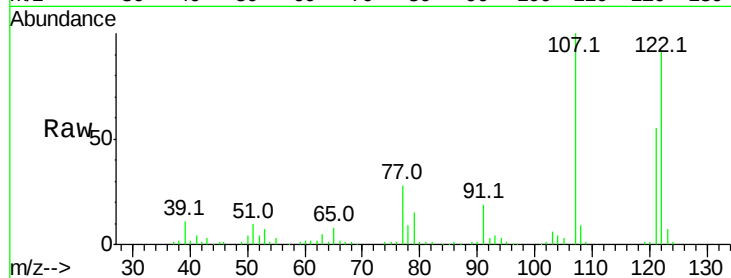




#27
 2,4-Dimethylphenol
 Concen: 42.10 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

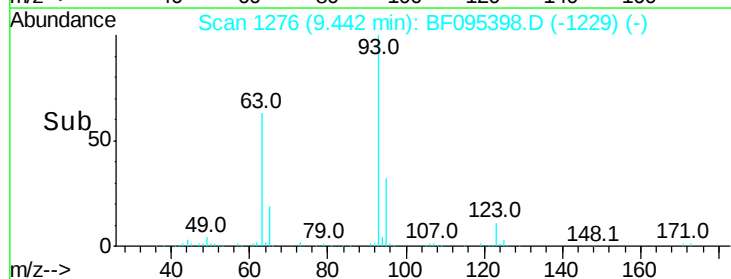
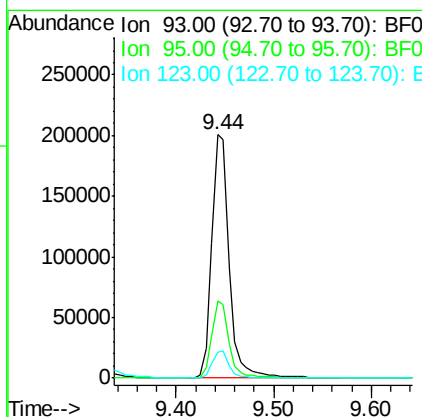
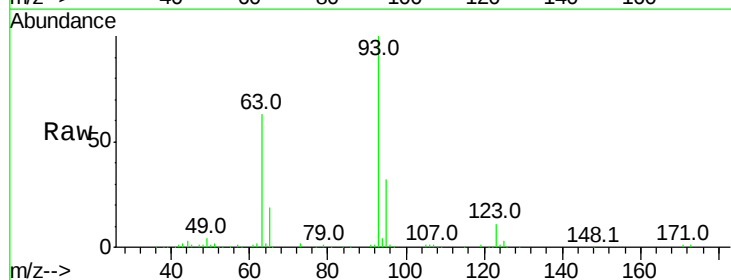
Instrument :
 BNA_F
 ClientSampleId :

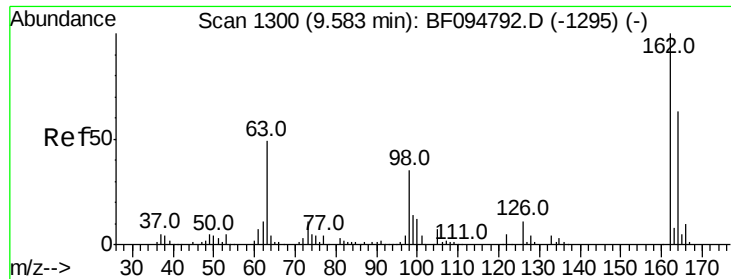
Tot Ion:122 Resp: 187593
 Ion Ratio Lower Upper
 122 100
 107 108.3 89.2 133.8
 121 59.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.48 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion: 93 Resp: 249660
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.5 39.7
 123 10.8 9.0 13.4

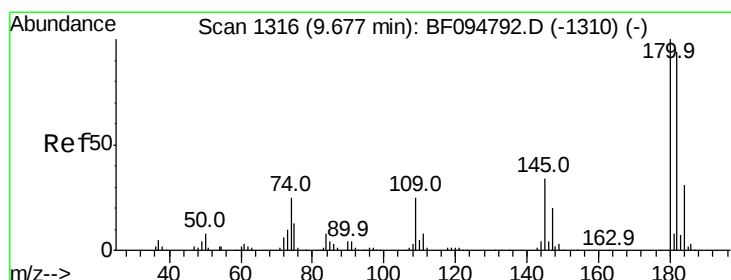
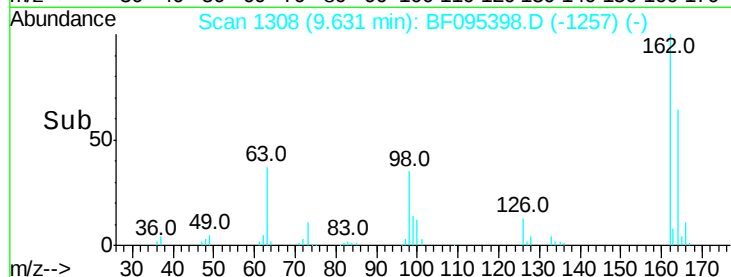
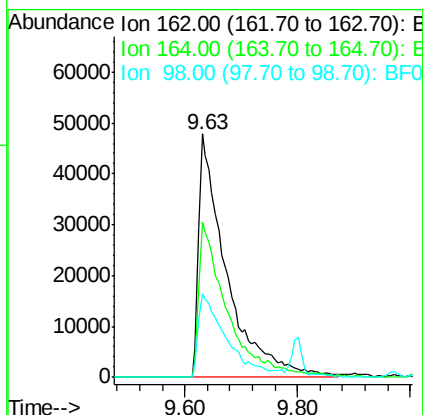
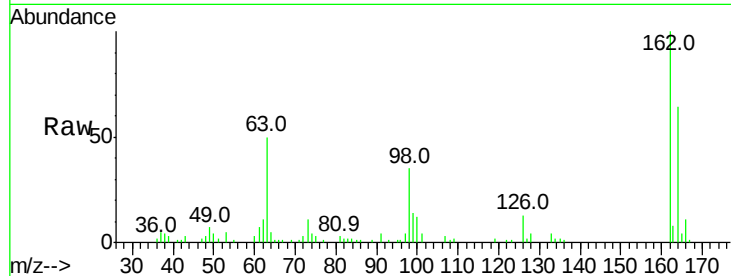




#29
 2,4-Dichlorophenol
 Concen: 38.87 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

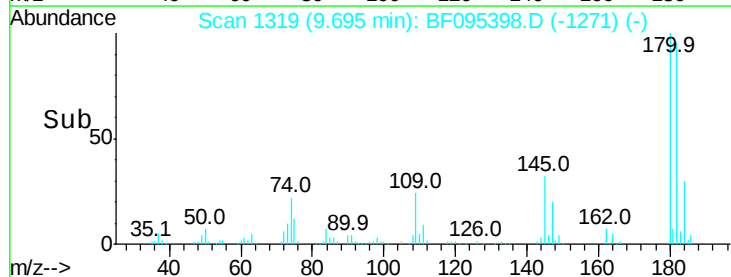
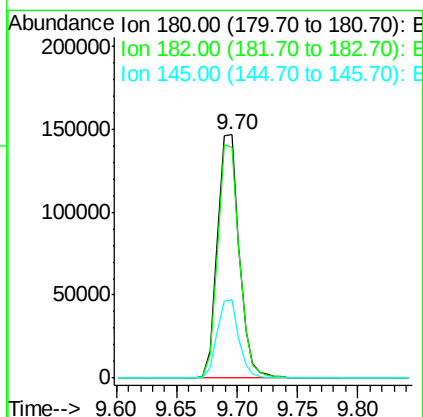
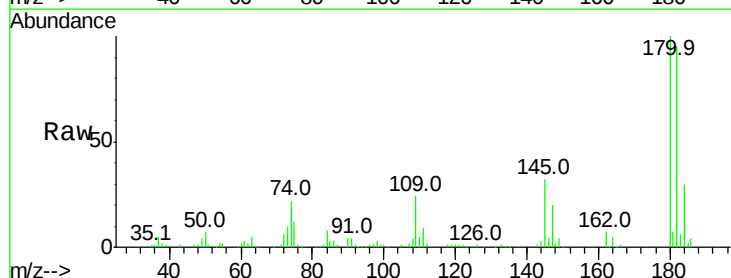
Instrument :
 BNA_F
 ClientSampleId :

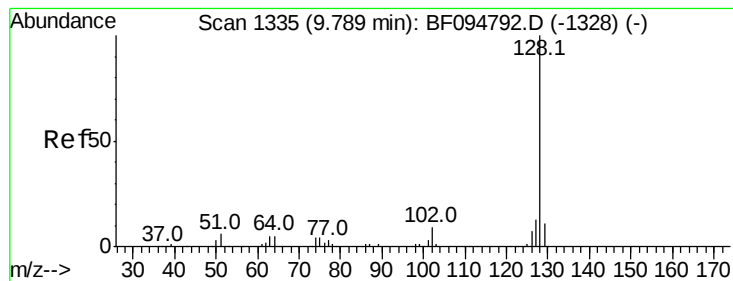
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	34.6	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.38 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	32.1	25.3	37.9





#31

Naphthalene

Concen: 46.02 ng

RT: 9.80 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

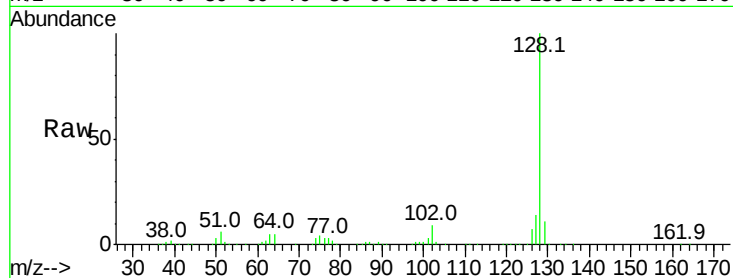
Tot Ion:128 Resp: 710754

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

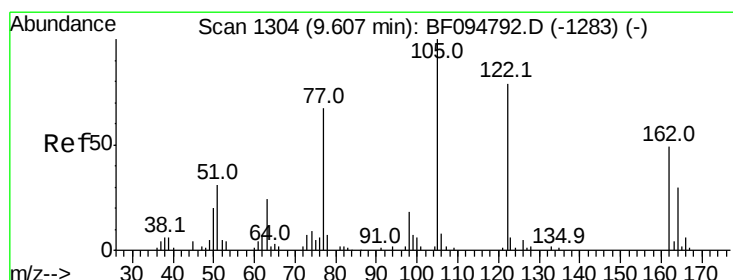
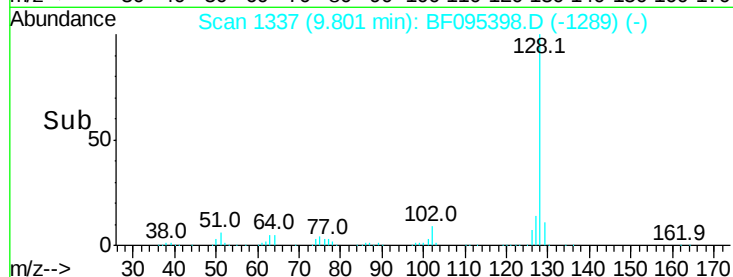
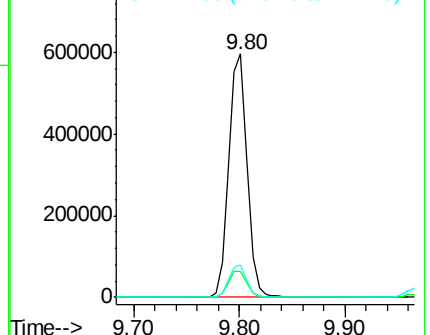
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.85 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

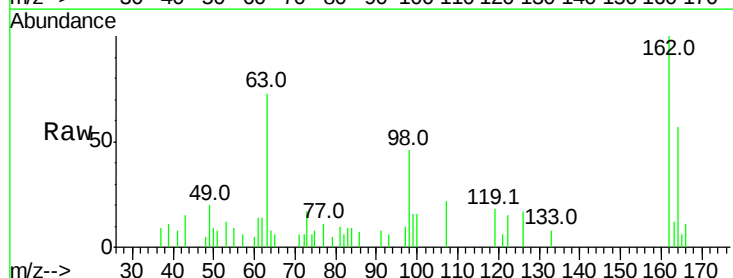
Tgt Ion:122 Resp: 2522

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

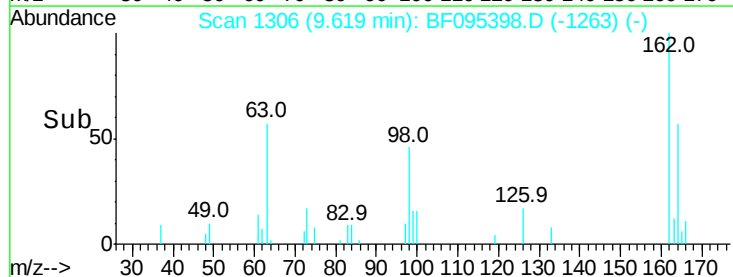
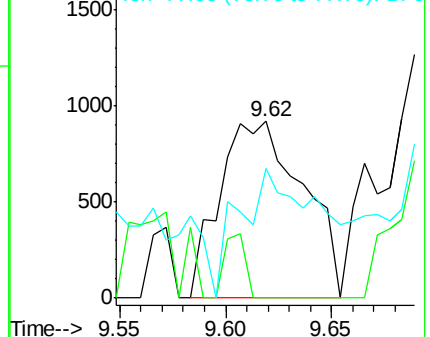
77 73.4 73.7 113.7#

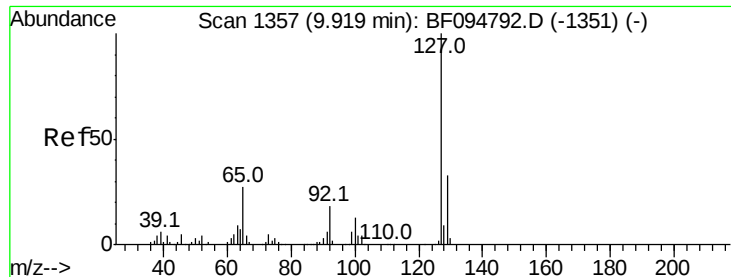


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

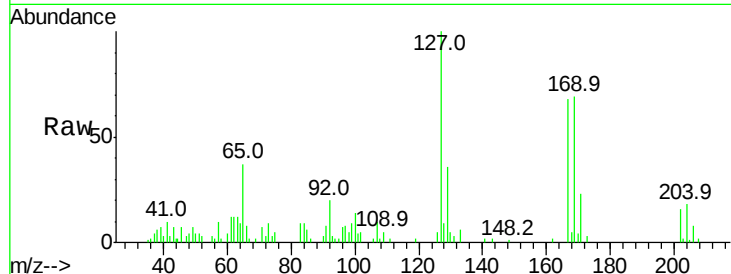




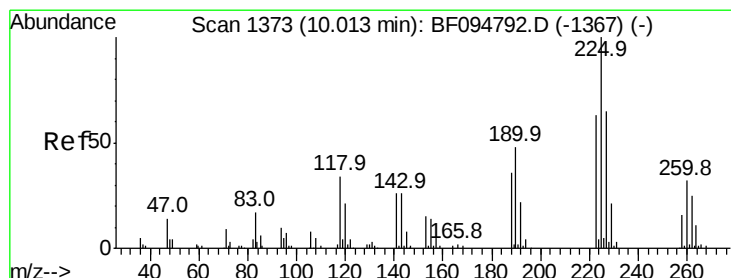
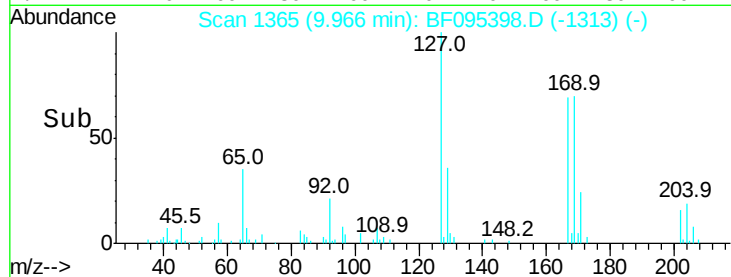
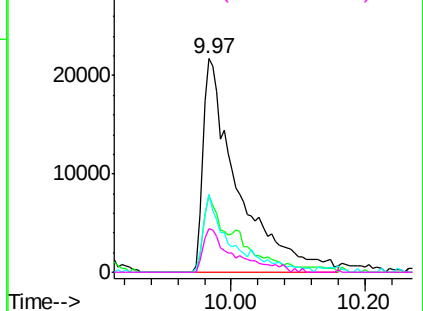
#33
4-Chloroaniline
Concen: 13.63 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	78434
Ion Ratio	Lower	Upper
127 100		
129 35.8	26.2	39.2
65 36.5	27.8	41.8
92 20.4	16.8	25.2

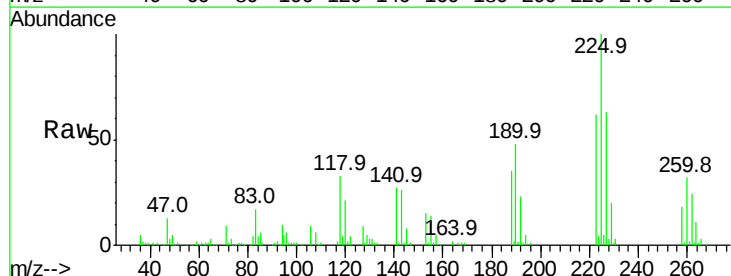


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

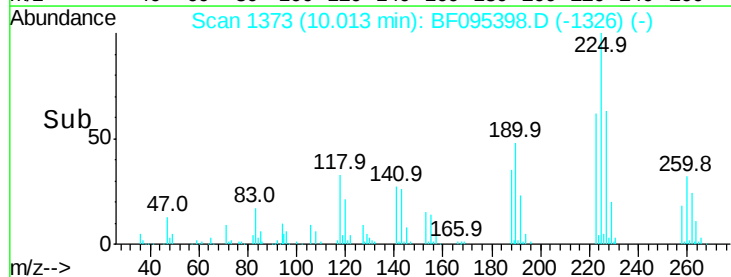
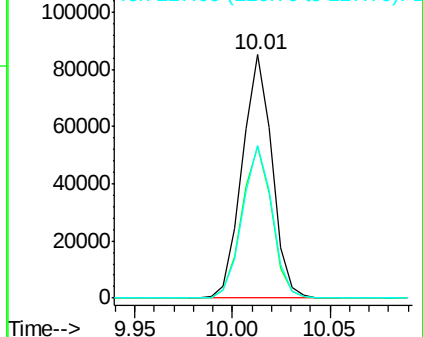


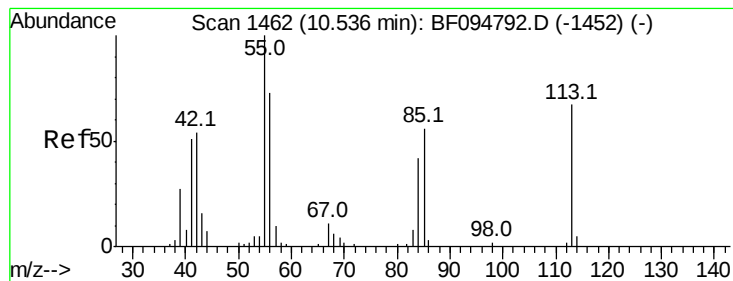
#34
Hexachlorobutadiene
Concen: 38.01 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion:225	Resp:	90395
Ion Ratio	Lower	Upper
225 100		
223 62.1	48.8	73.2
227 62.8	51.1	76.7



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





#35

Caprolactam

Concen: 36.58 ng

RT: 10.57 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

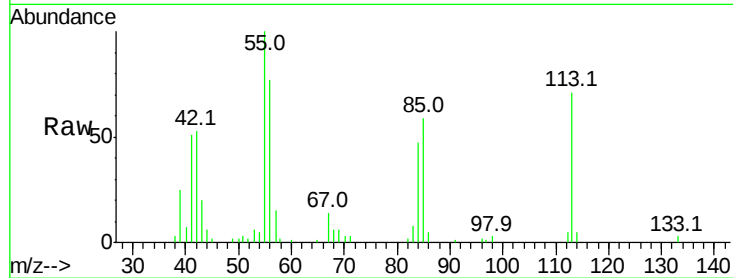
Tot Ion:113 Resp: 46208

Ion Ratio Lower Upper

113 100

55 141.6 150.2 190.2#

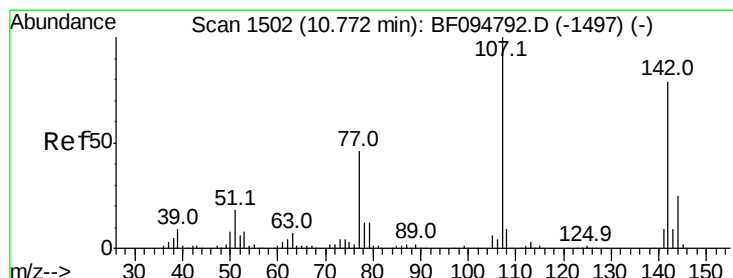
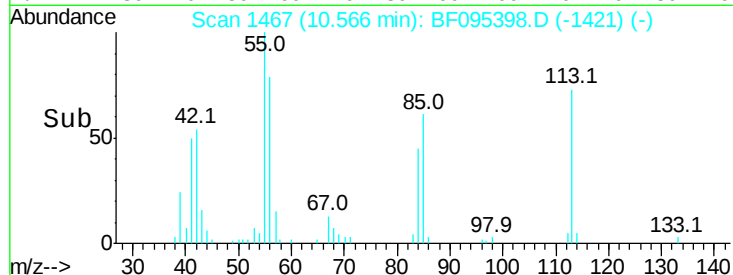
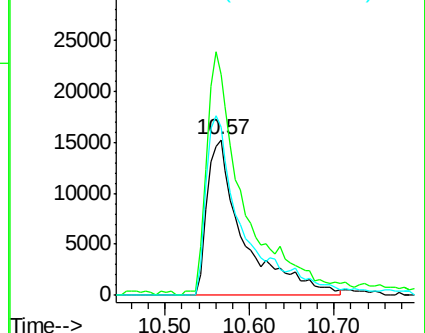
56 108.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.18 ng

RT: 10.82 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

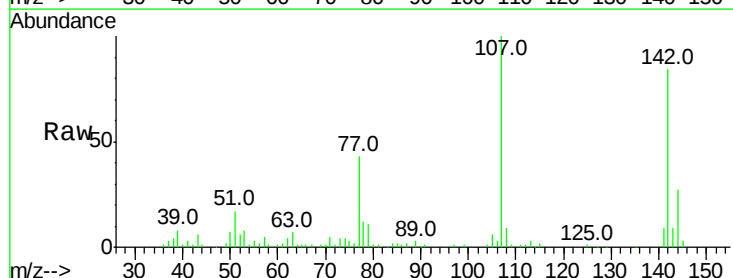
Tgt Ion:107 Resp: 167239

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

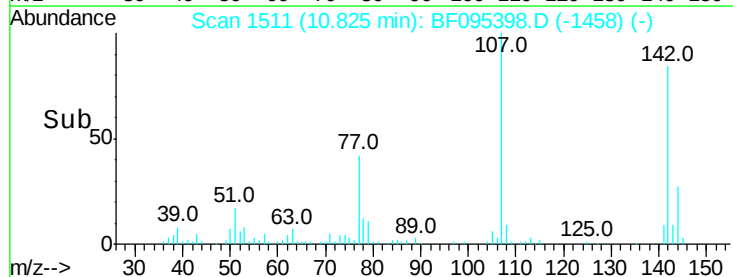
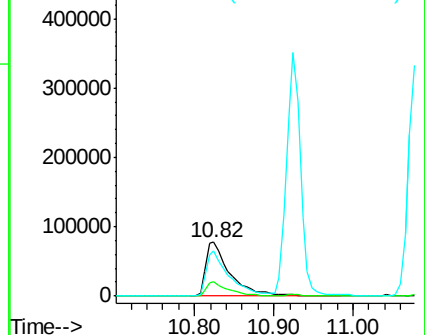
142 83.7 73.4 110.0

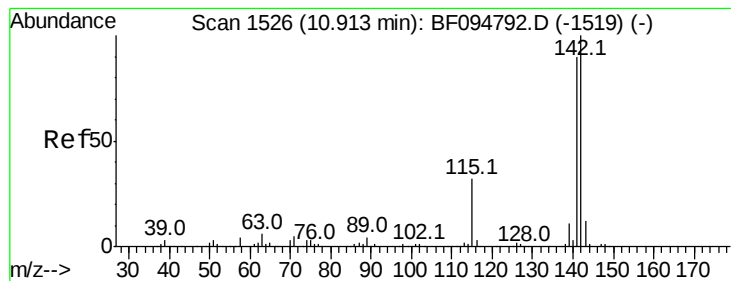


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.63 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

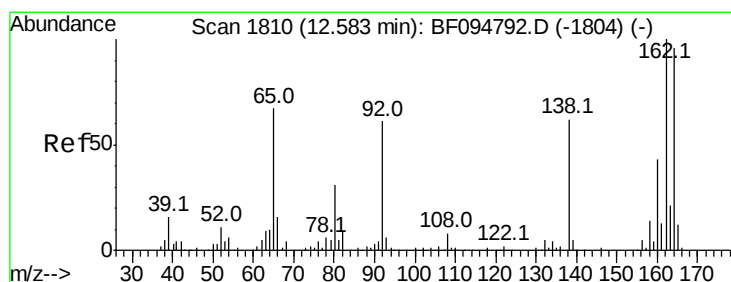
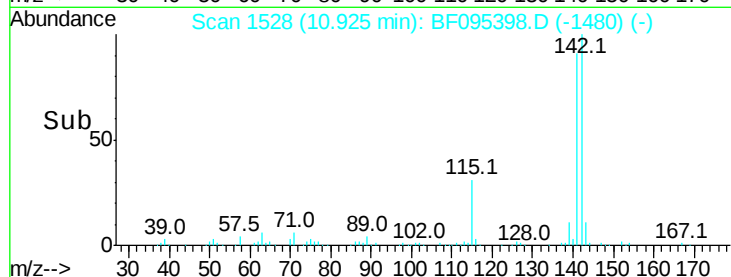
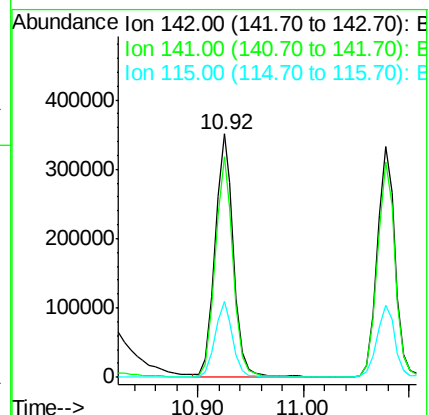
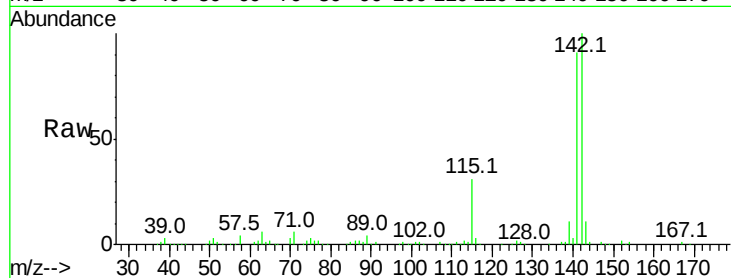
Tot Ion:142 Resp: 432071

Ion Ratio Lower Upper

142 100

141 90.5 71.3 106.9

115 31.2 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

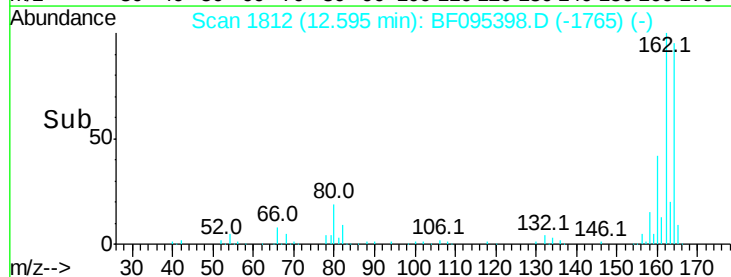
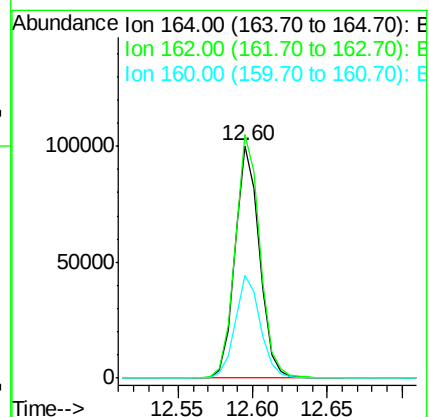
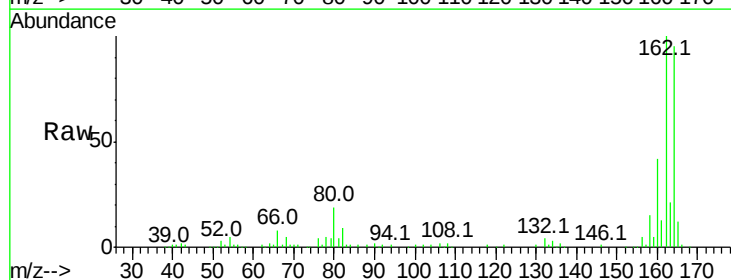
Tgt Ion:164 Resp: 115549

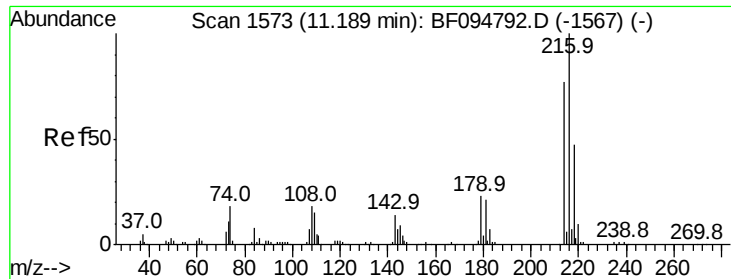
Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

160 44.4 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.37 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 154098

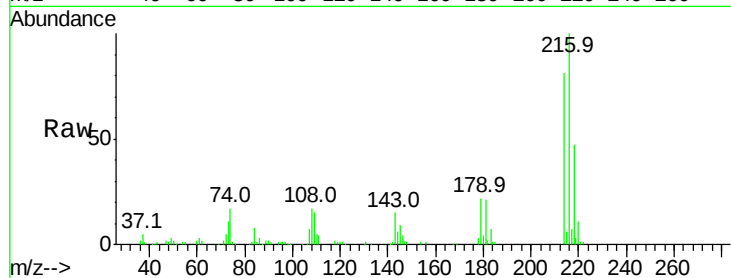
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.4 17.9 26.9

108 17.7 16.5 24.7

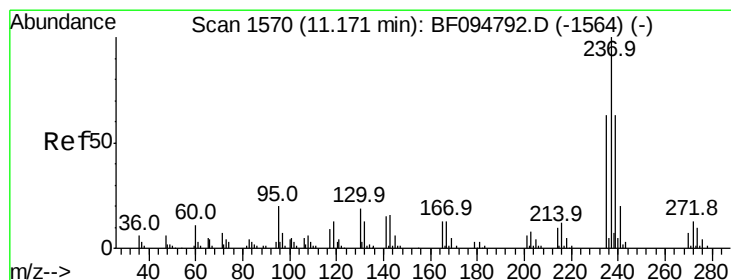
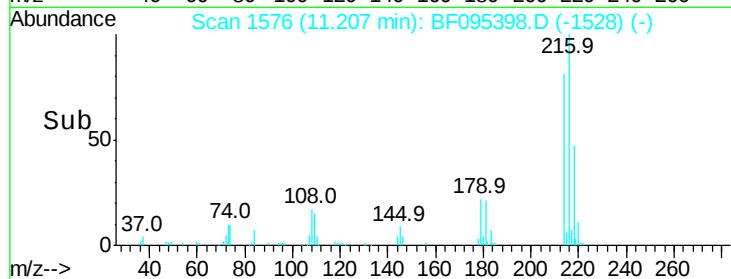
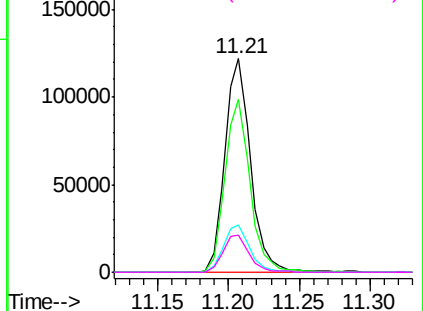


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.27 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

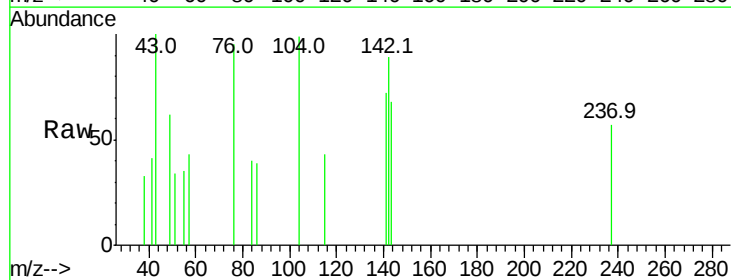
Tgt Ion:237 Resp: 339

Ion Ratio Lower Upper

237 100

235 0.0 42.6 82.6#

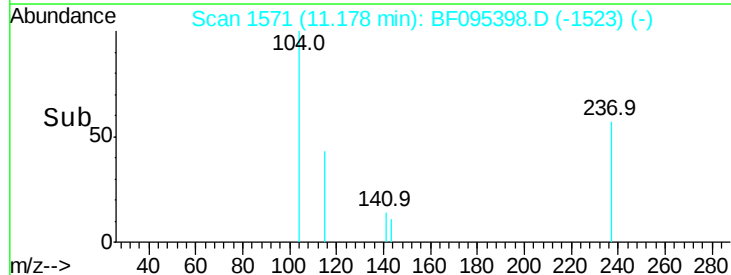
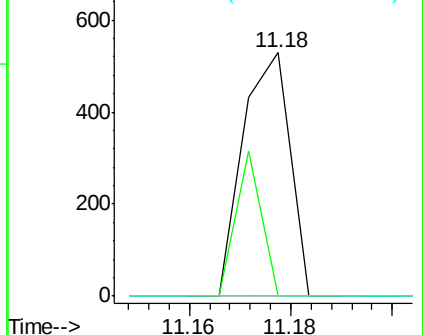
272 0.0 0.0 31.9

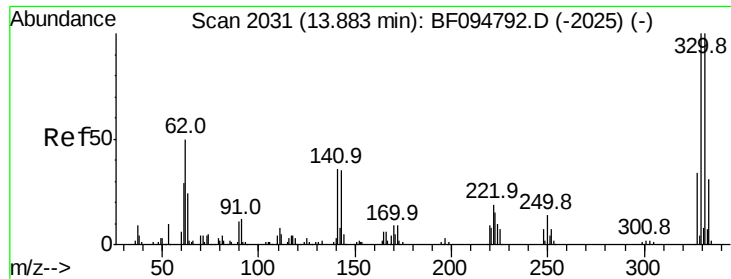


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

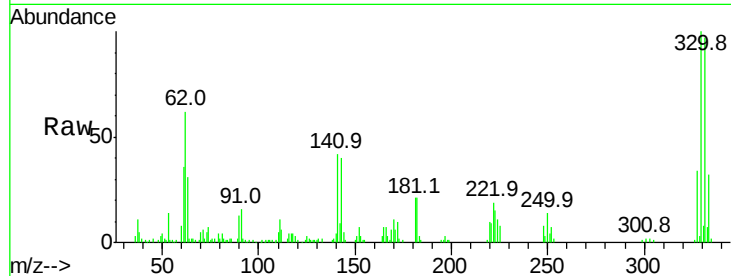




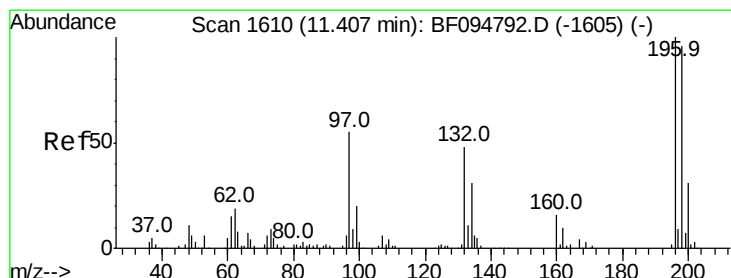
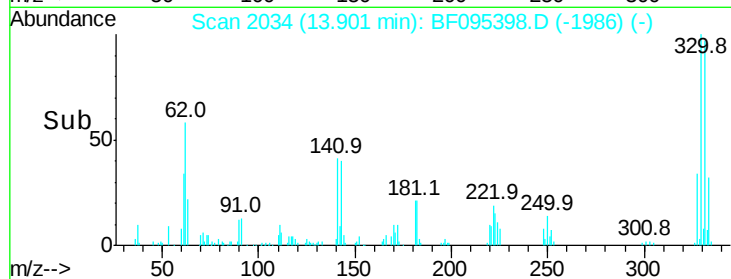
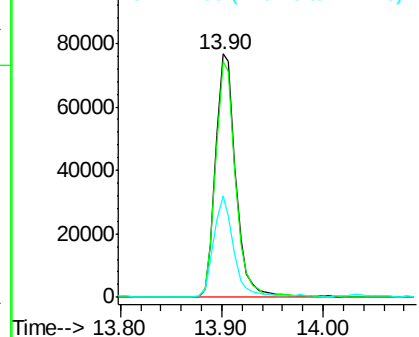
#41
 2,4,6-Tribromophenol
 Concen: 112.92 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 106859
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 41.1 31.4 47.2

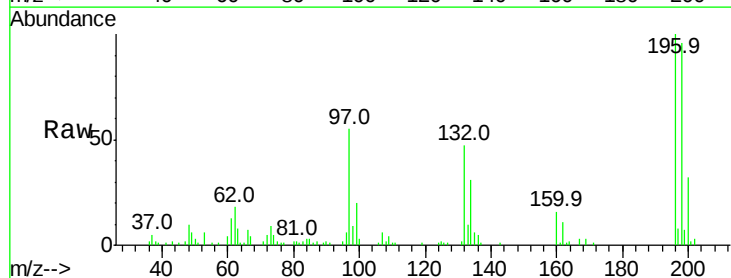


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

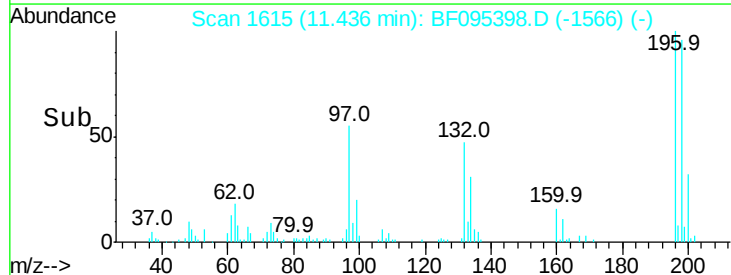
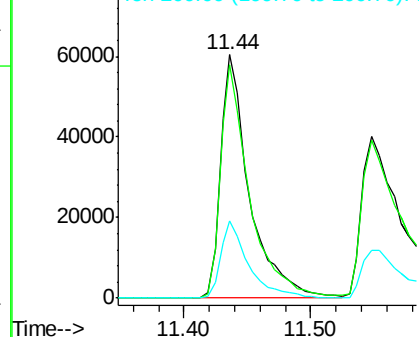


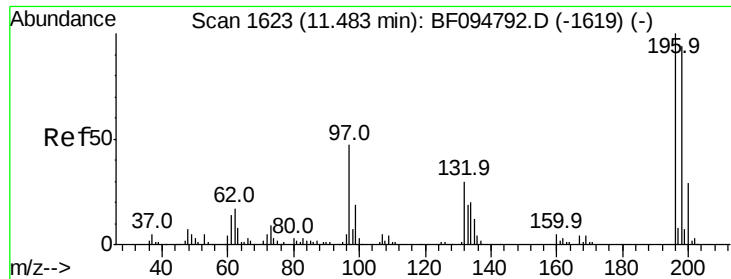
#42
 2,4,6-Trichlorophenol
 Concen: 40.46 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion:196 Resp: 95991
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 31.6 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

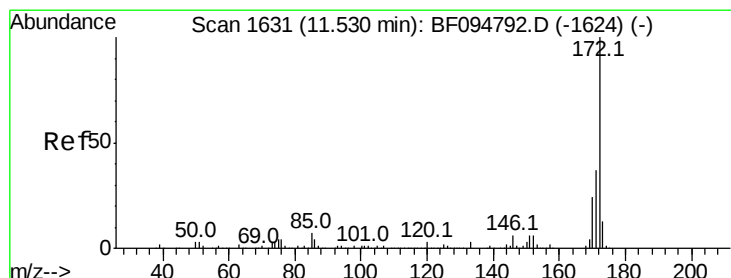
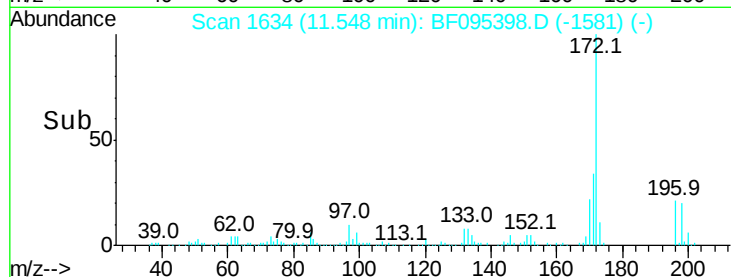
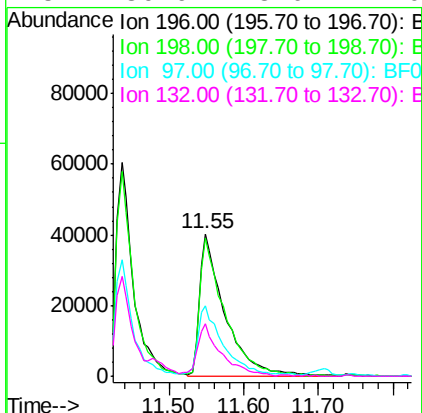
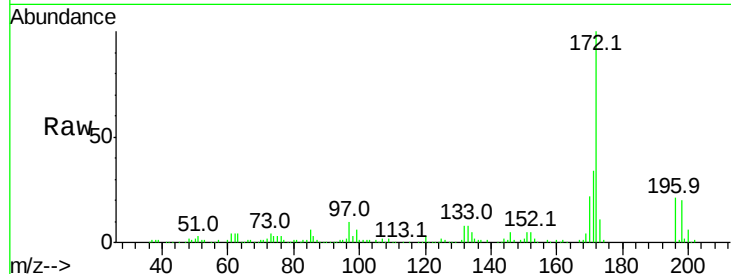




#43
 2,4,5-Trichlorophenol
 Concen: 37.44 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

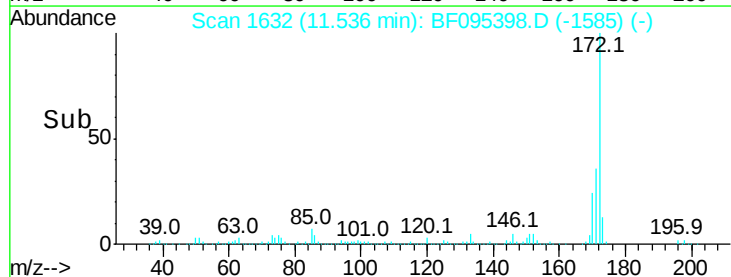
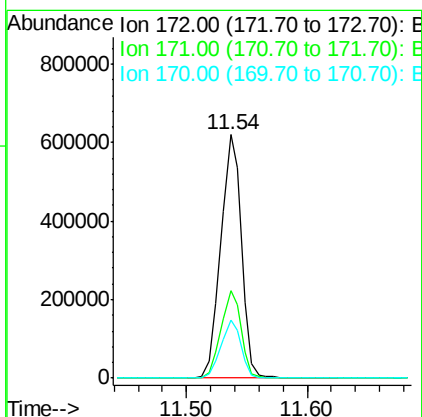
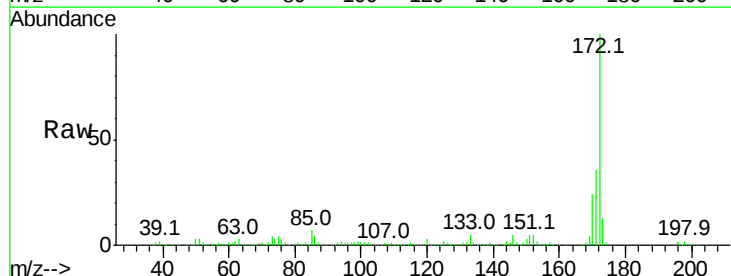
Instrument :
 BNA_F
 ClientSampleId :

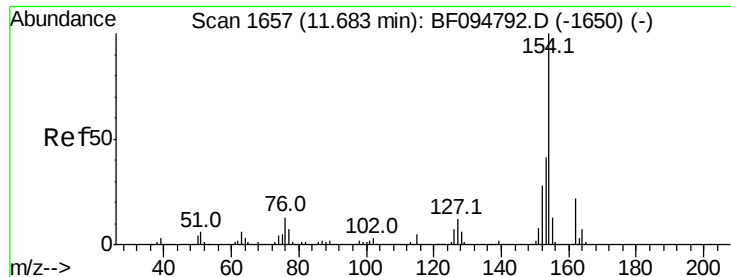
Tot Ion:196 Resp: 95467
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.7 113.5
 97 49.1 47.7 71.5
 132 36.6 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 91.35 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion:172 Resp: 733338
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 19.8 29.8





#45

1,1'-Biphenyl

Concen: 45.82 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampled :

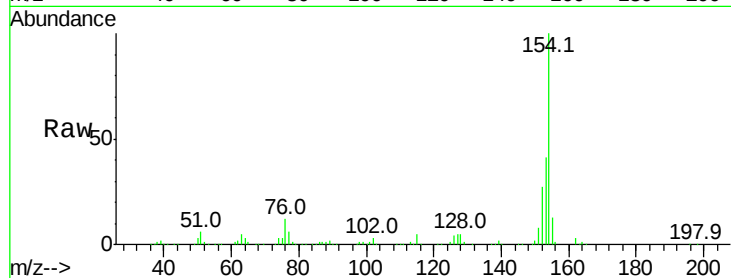
Tot Ion:154 Resp: 445791

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

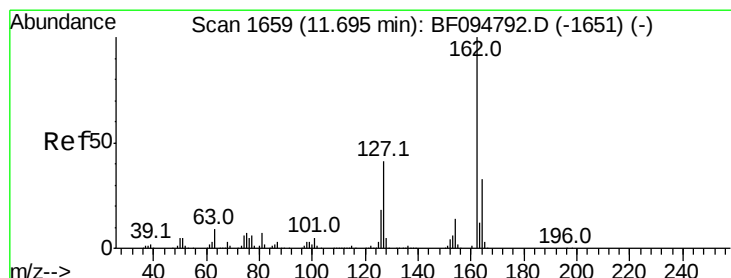
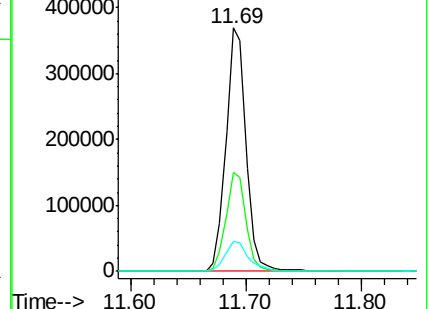
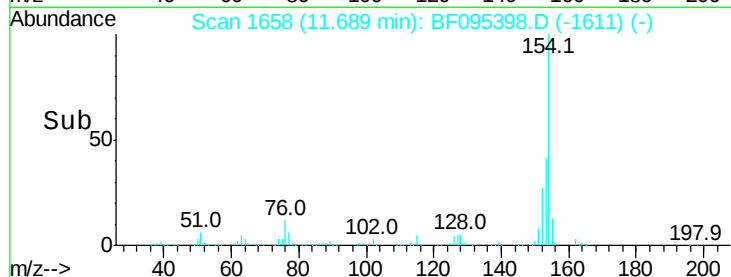
76 12.3 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.88 ng

RT: 11.71 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

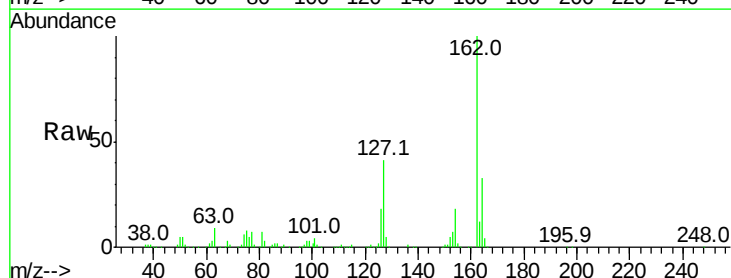
Tgt Ion:162 Resp: 329020

Ion Ratio Lower Upper

162 100

127 40.6 28.3 42.5

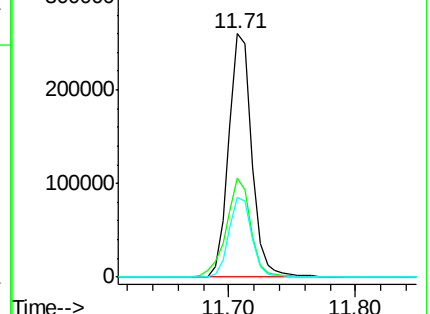
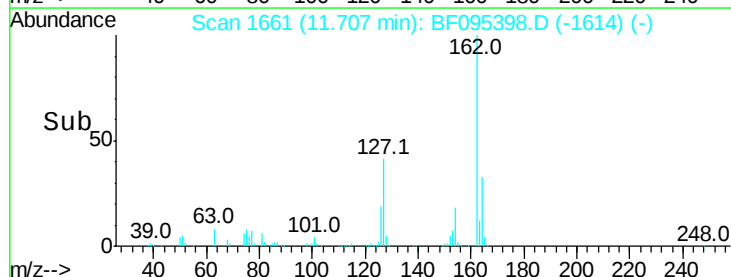
164 32.8 27.0 40.4

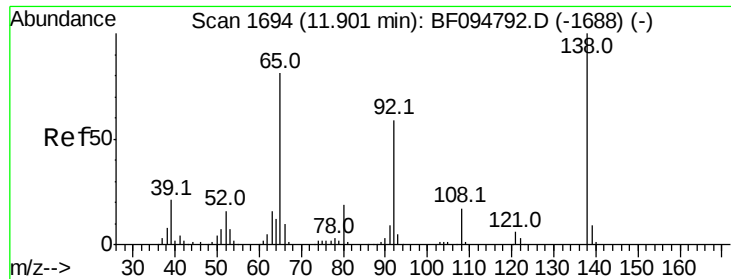


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.98 ng

RT: 11.93 min Scan# 1699

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

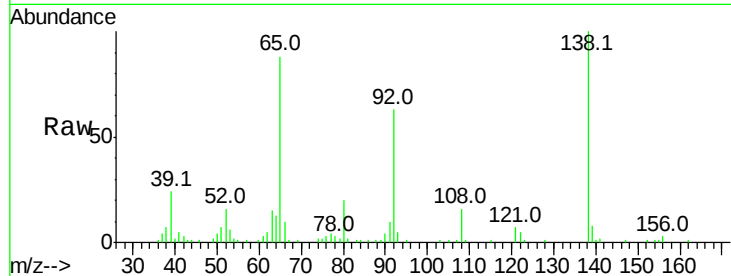
Tot Ion: 65 Resp: 96712

Ion Ratio Lower Upper

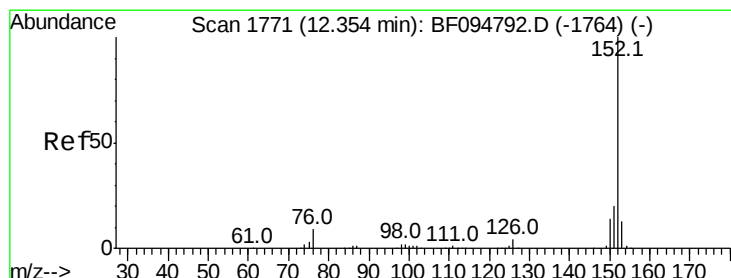
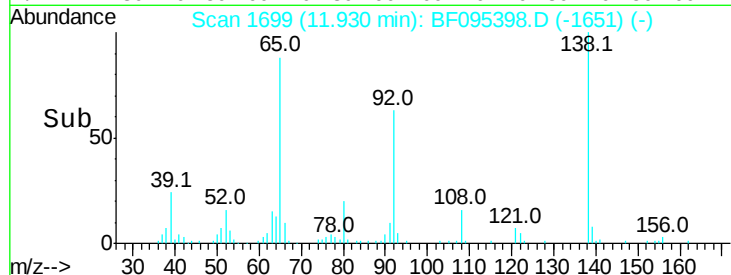
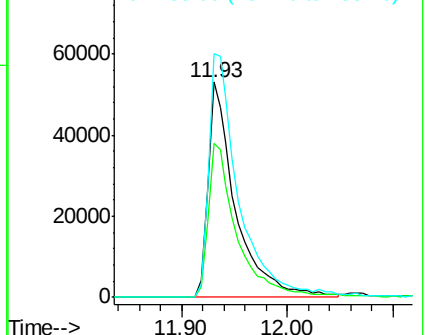
65 100

92 71.8 53.9 80.9

138 113.2 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 46.25 ng

RT: 12.37 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

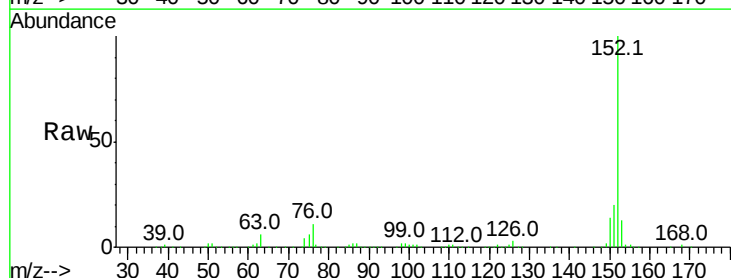
Tgt Ion: 152 Resp: 569082

Ion Ratio Lower Upper

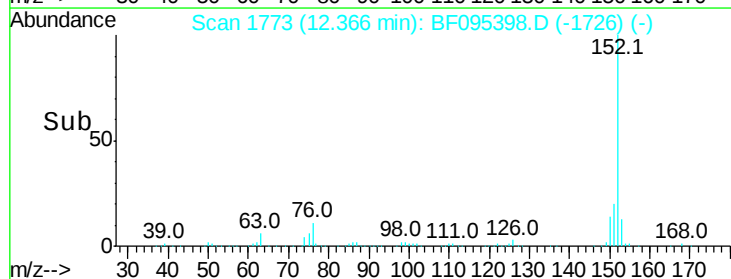
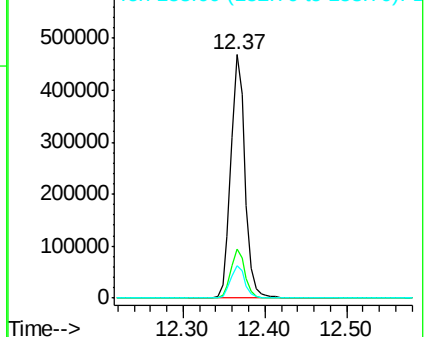
152 100

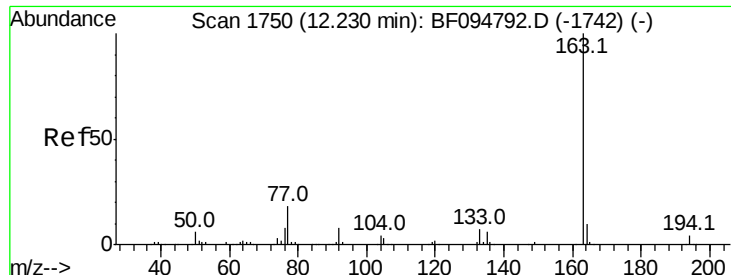
151 20.0 16.8 25.2

153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 48.82 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

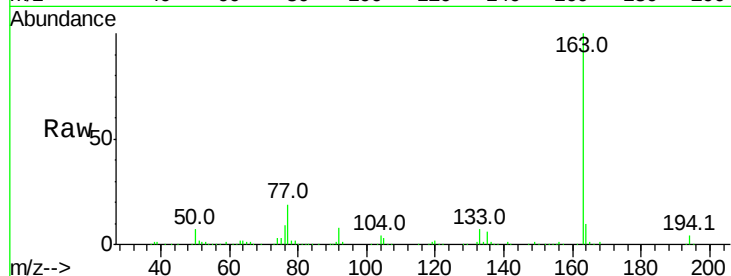
Tot Ion:163 Resp: 463110

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

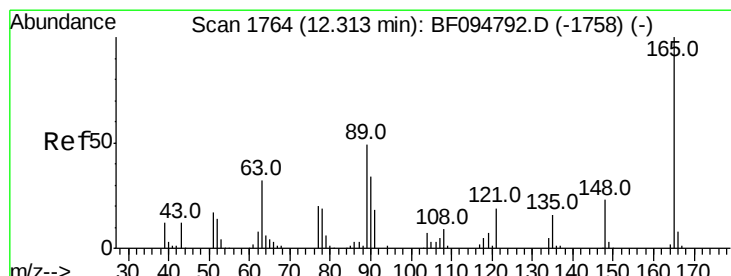
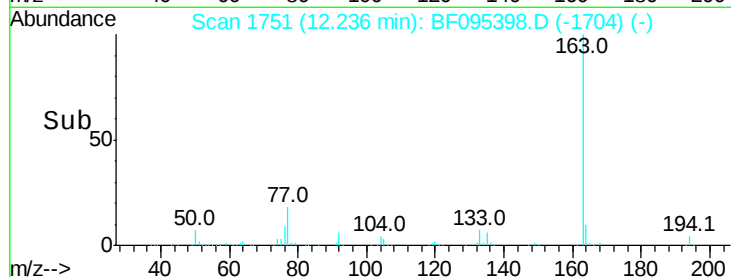
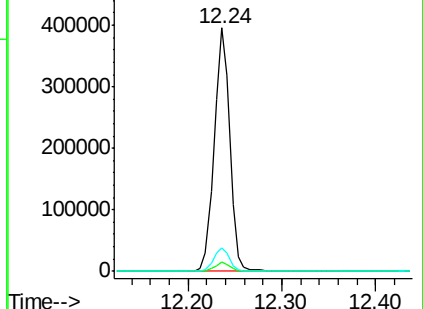
164 9.9 8.4 12.6



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: 32.45 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

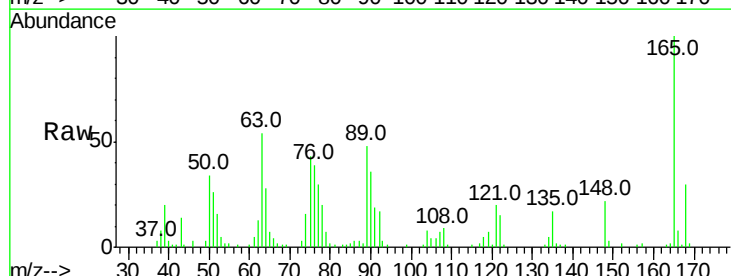
Tgt Ion:165 Resp: 62805

Ion Ratio Lower Upper

165 100

63 54.3 34.3 51.5#

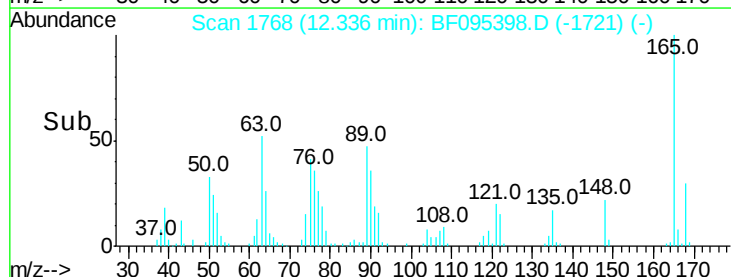
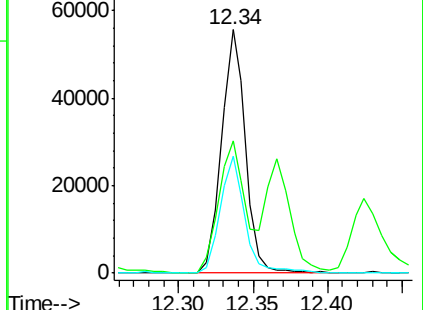
89 48.3 37.1 55.7

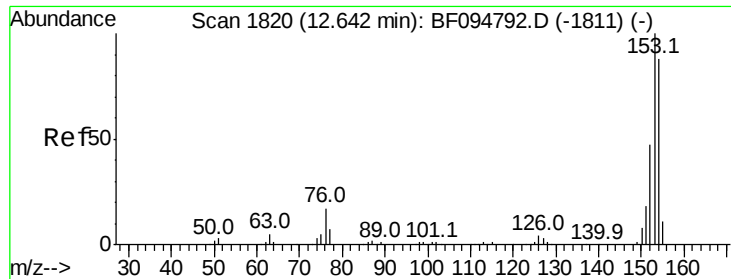


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.44 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

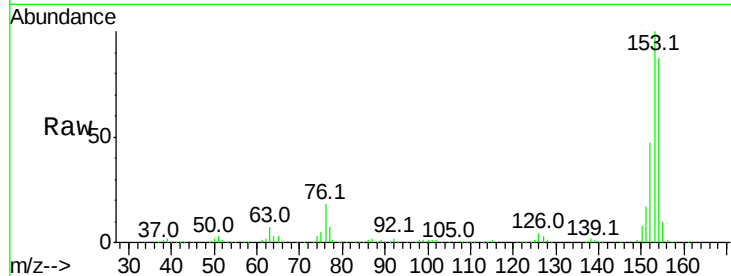
Tot Ion:154 Resp: 363321

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

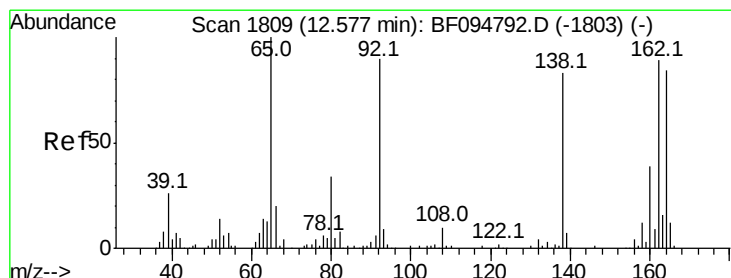
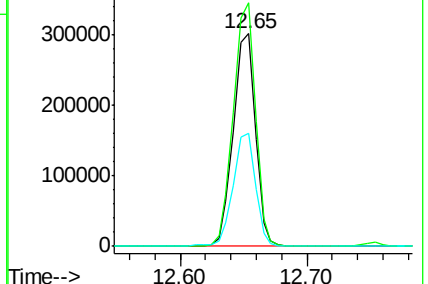
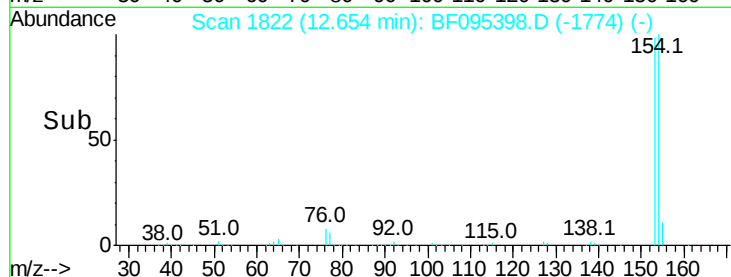
152 53.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.96 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

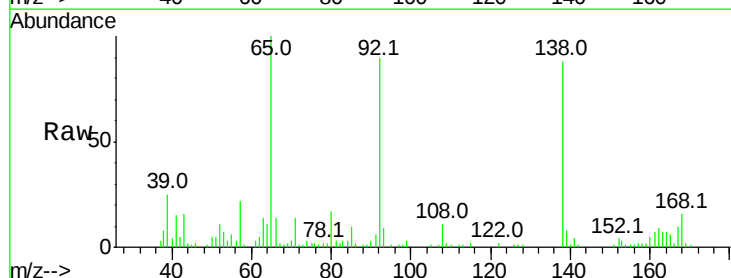
Tgt Ion:138 Resp: 78838

Ion Ratio Lower Upper

138 100

108 12.3 9.1 13.7

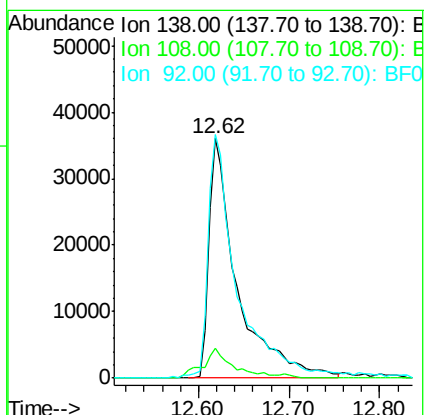
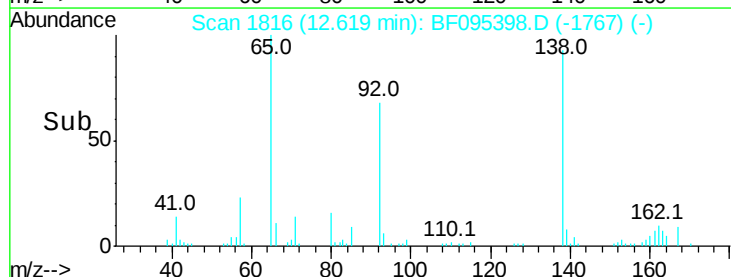
92 101.6 93.8 140.6

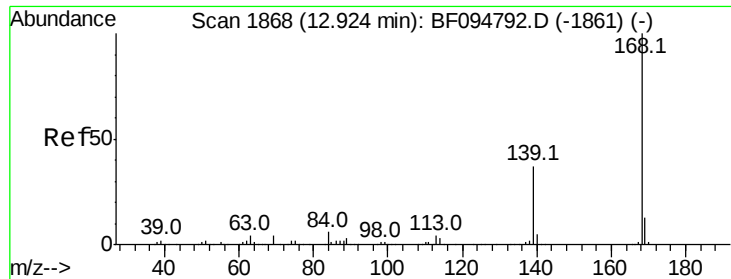


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 47.86 ng

RT: 12.94 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

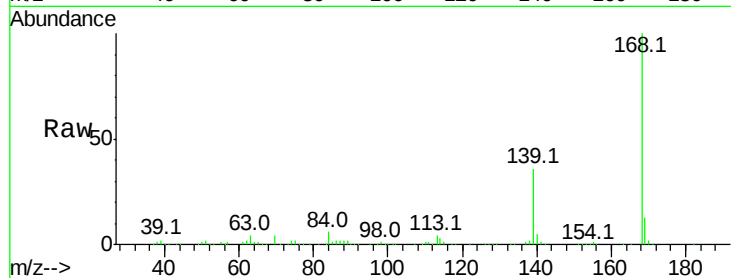
Tot Ion:168 Resp: 486719

Ion Ratio Lower Upper

168 100

139 36.0 30.6 45.8

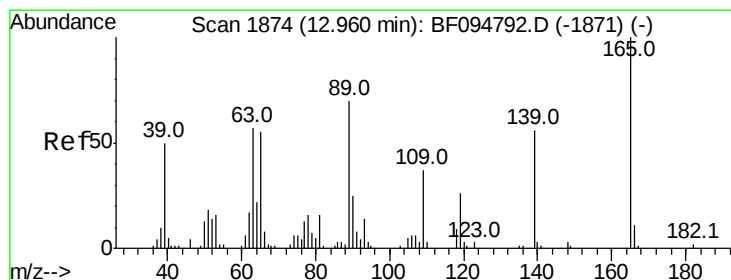
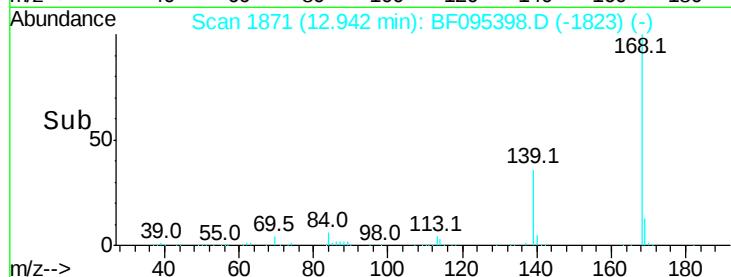
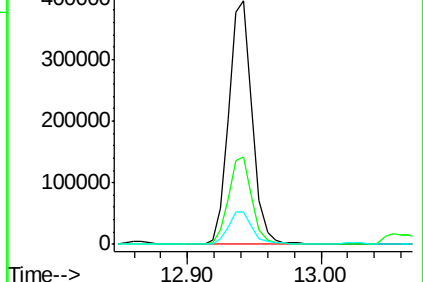
169 13.4 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 51.53 ng

RT: 13.05 min Scan# 1890

Delta R.T. 0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

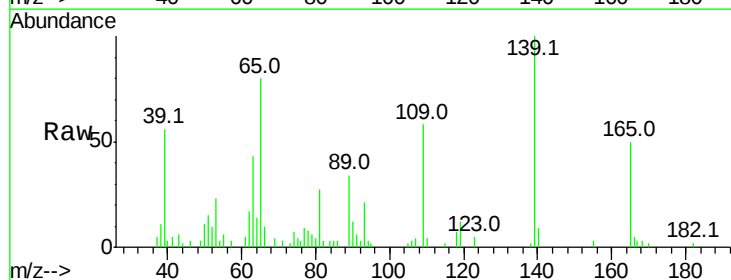
Tgt Ion:139 Resp: 64283

Ion Ratio Lower Upper

139 100

109 57.6 34.1 74.1

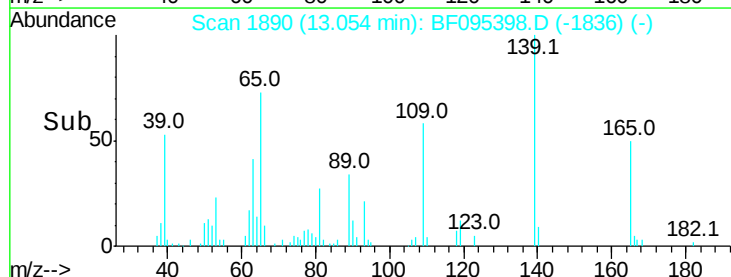
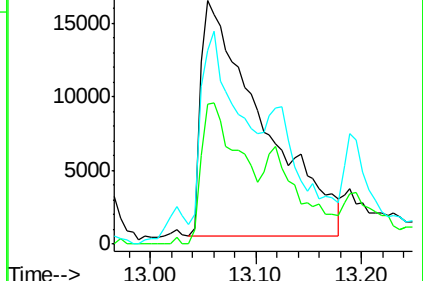
65 79.6 31.4 71.4#

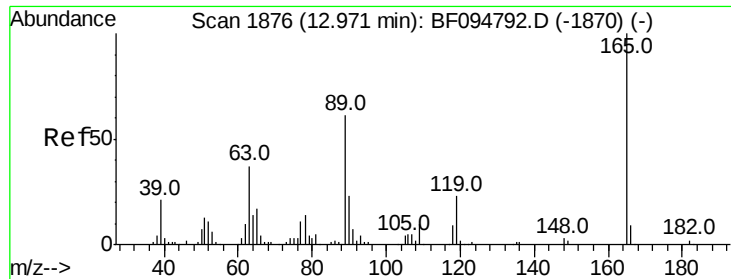


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

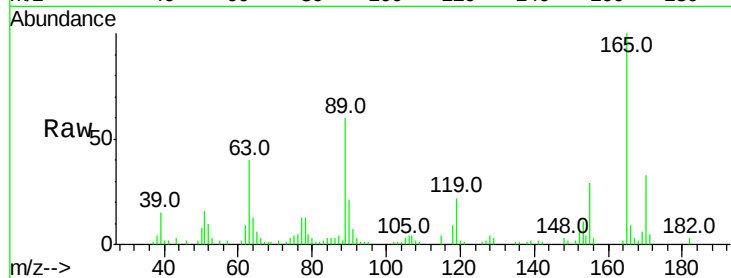




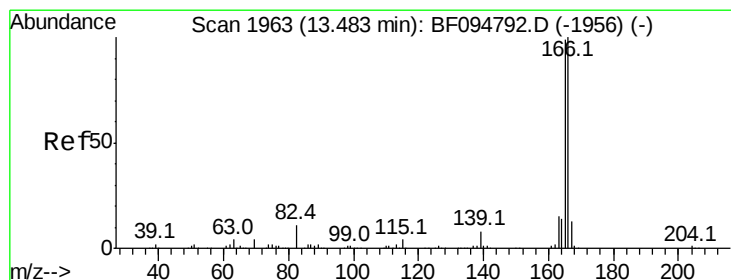
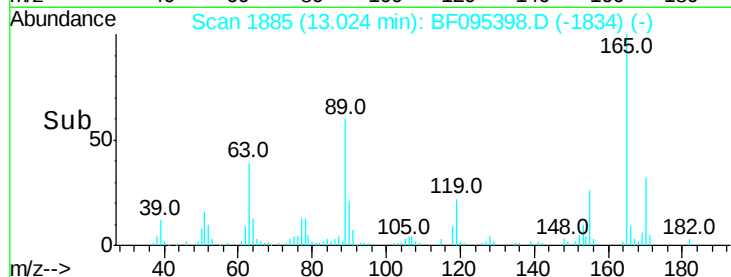
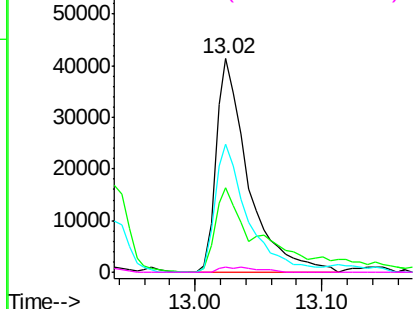
#56
2,4-Dinitrotoluene
Concen: 29.43 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 73192
Ion Ratio Lower Upper
165 100
63 39.7 25.4 38.0#
89 59.7 46.4 69.6
182 2.7 1.8 2.6#

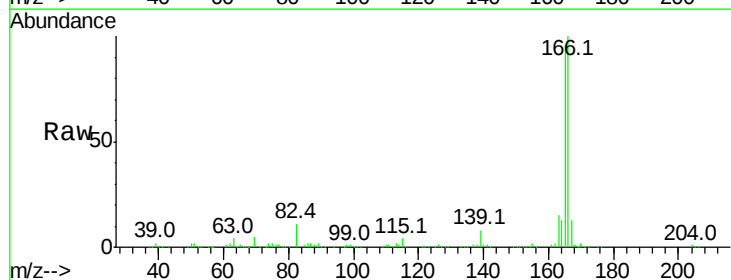


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

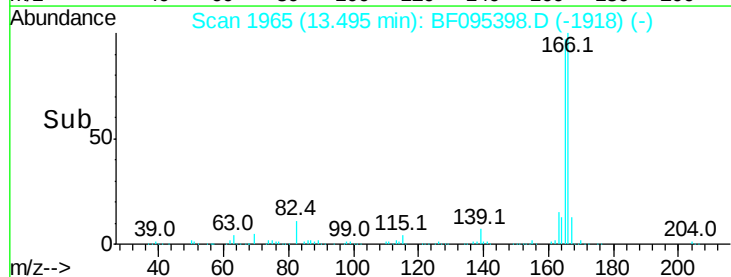
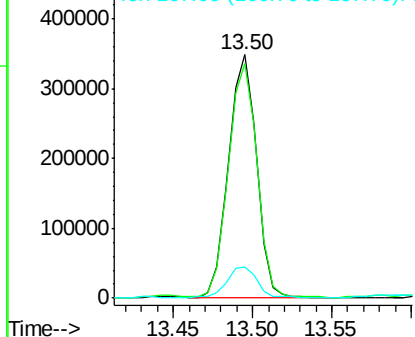


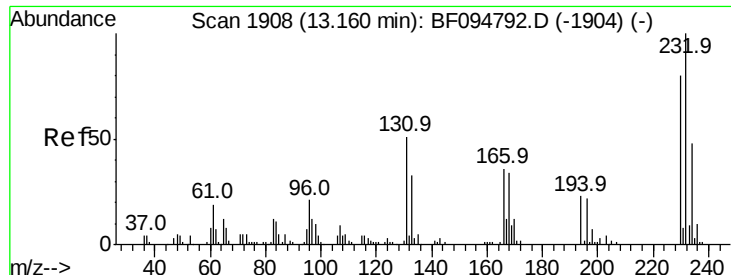
#57
Fluorene
Concen: 47.88 ng
RT: 13.50 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion:166 Resp: 423431
Ion Ratio Lower Upper
166 100
165 96.1 78.8 118.2
167 12.9 10.6 16.0



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

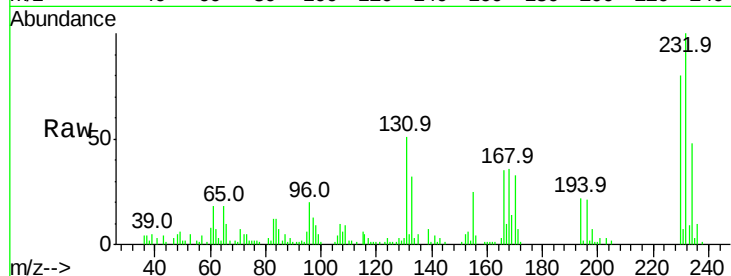




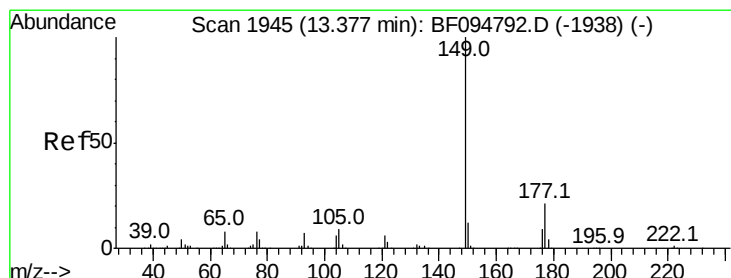
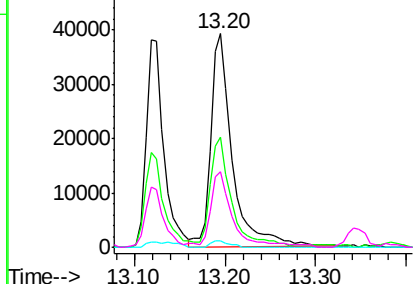
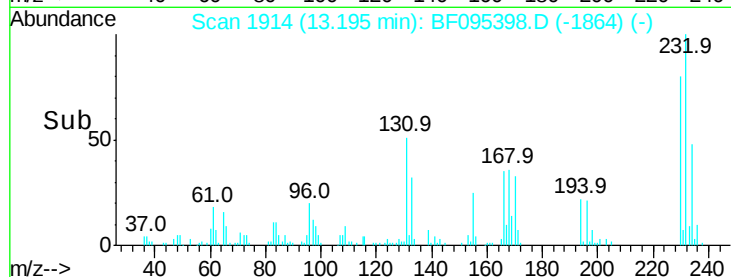
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.84 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 63943
 Ion Ratio Lower Upper
 232 100
 131 49.3 44.8 67.2
 130 2.5 2.3 3.5
 166 36.9 29.0 43.4

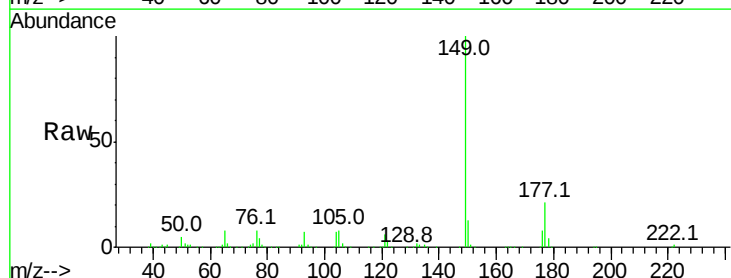


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

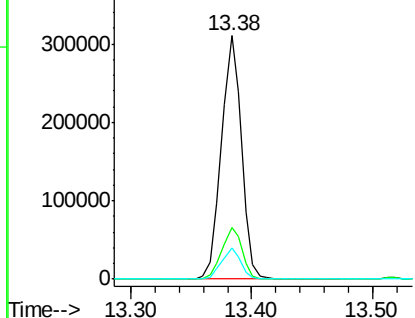
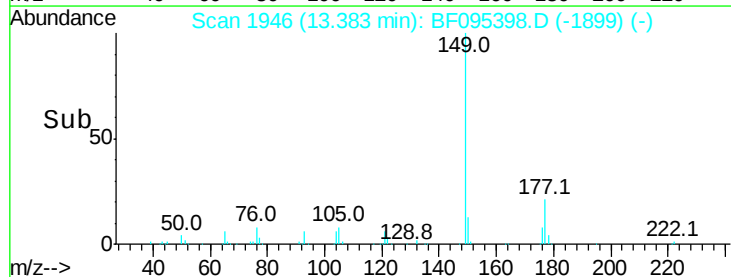


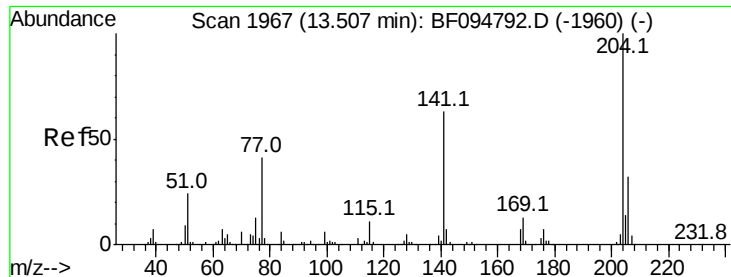
#59
 Diethylphthalate
 Concen: 39.07 ng
 RT: 13.38 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion:149 Resp: 355222
 Ion Ratio Lower Upper
 149 100
 177 21.1 16.7 25.1
 150 12.8 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

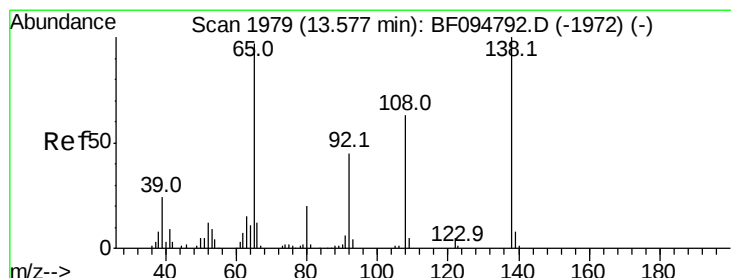
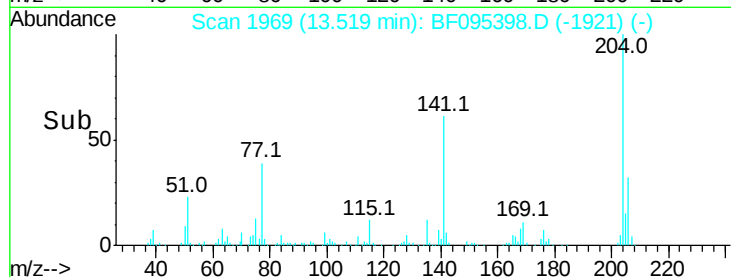
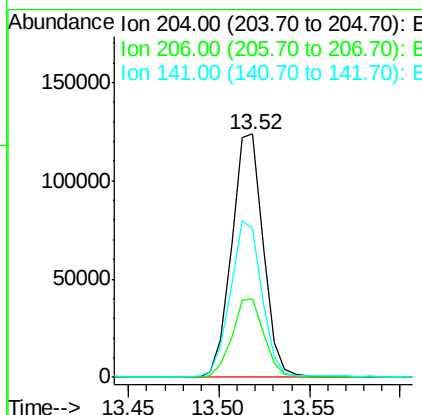
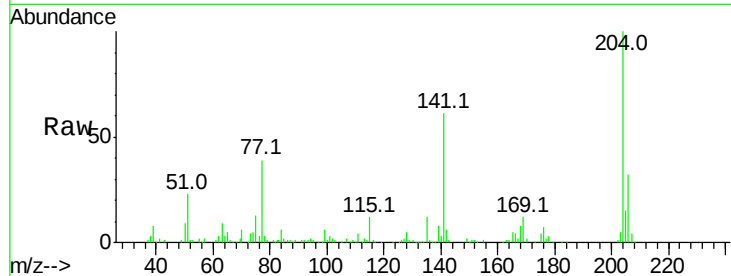




#60
4-Chlorophenyl-phenylether
Concen: 38.50 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

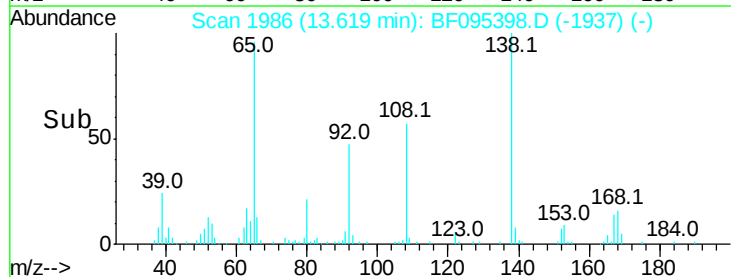
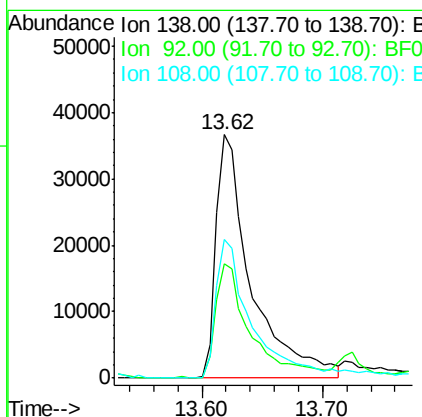
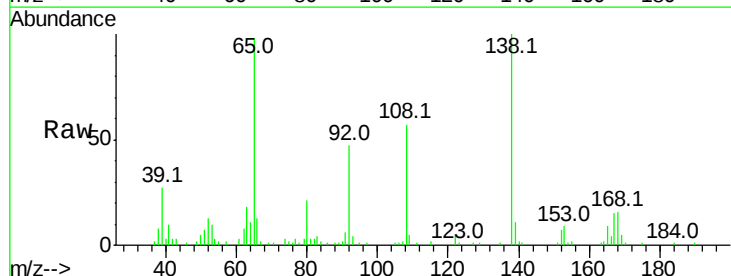
Instrument :
BNA_F
ClientSampleId :

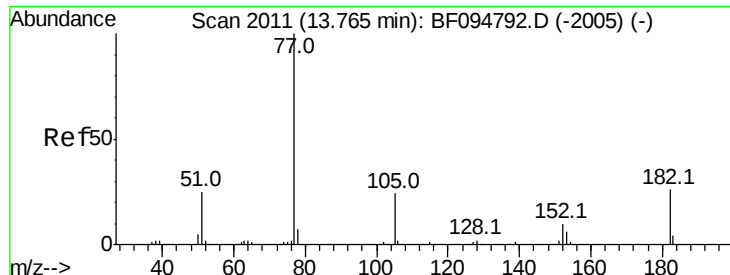
Tot Ion:204 Resp: 149641
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 61.0 60.8 91.2



#61
4-Nitroaniline
Concen: 38.55 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion:138 Resp: 73517
Ion Ratio Lower Upper
138 100
92 47.0 21.8 61.8
108 56.8 42.3 82.3





#62

Azobenzene

Concen: 41.17 ng

RT: 13.77 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 300809

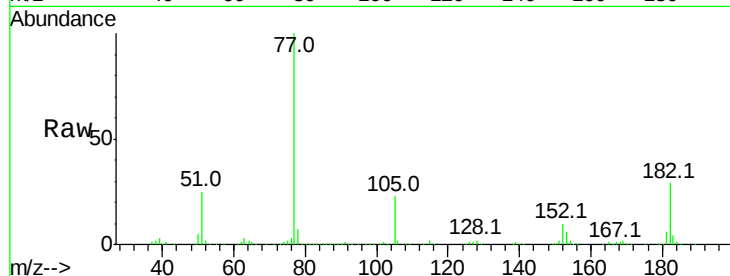
Ion Ratio Lower Upper

77 100

182 29.0 0.1 40.1

105 22.7 3.6 43.6

51 25.3 9.4 49.4

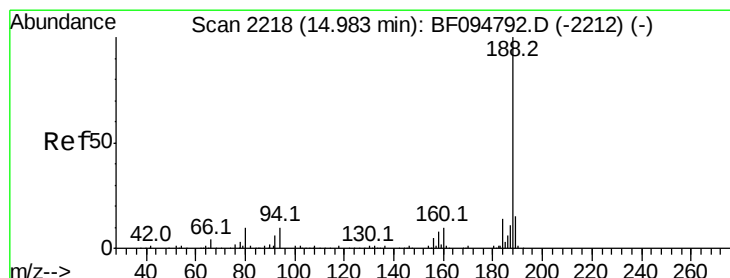
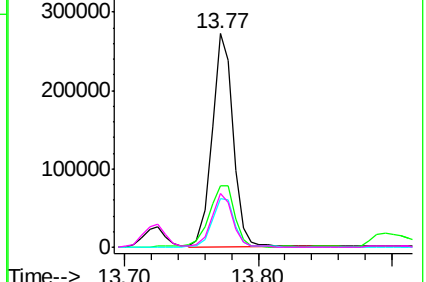
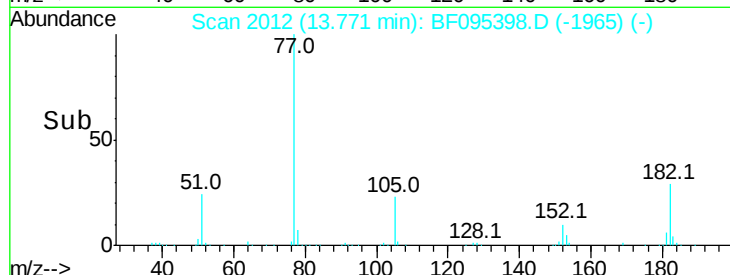


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

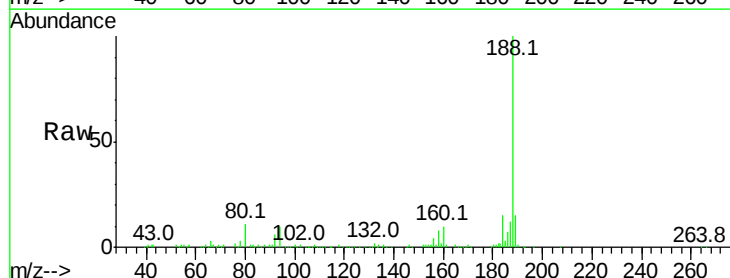
Tgt Ion: 188 Resp: 194331

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

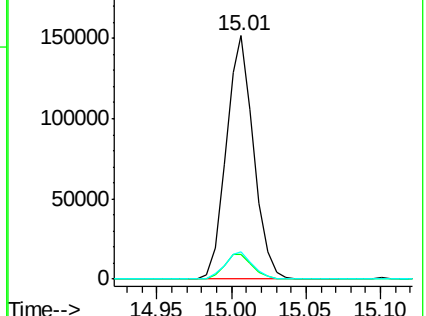
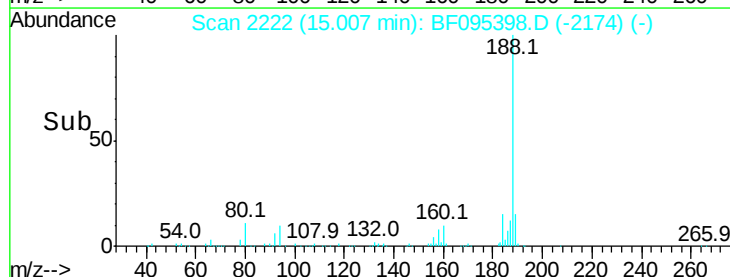
80 11.2 10.2 15.2

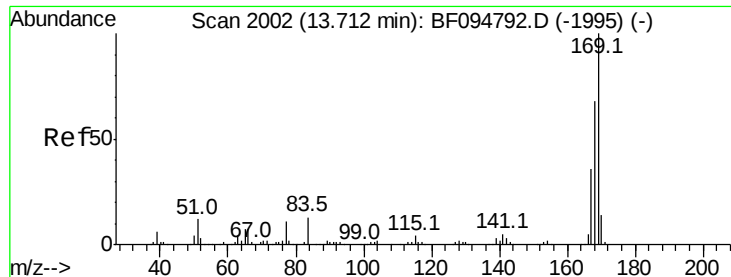


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 40.84 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

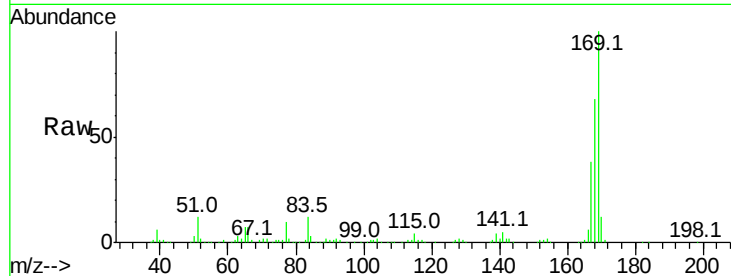
Tot Ion:169 Resp: 288034

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

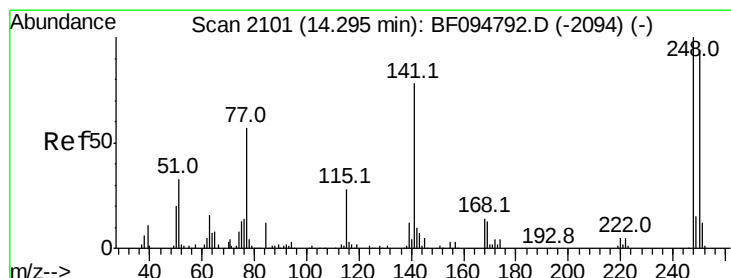
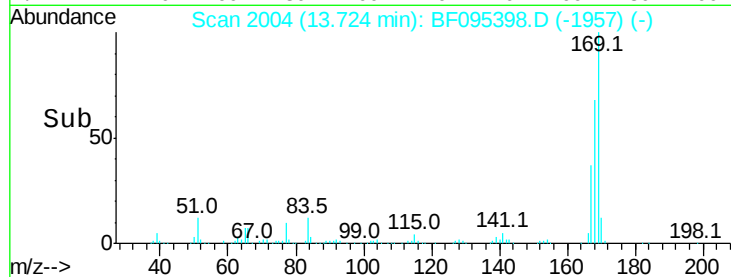
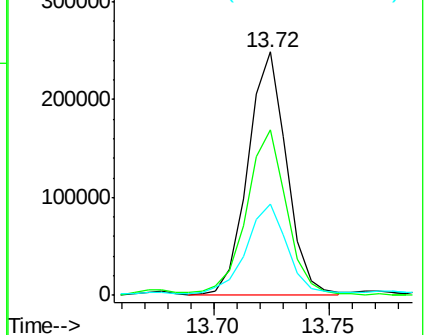
167 37.7 29.5 44.3



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: 39.35 ng

RT: 14.30 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

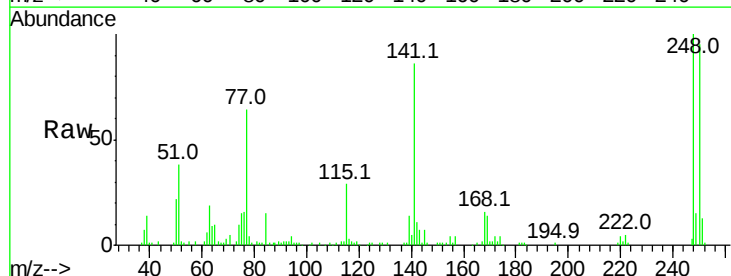
Tgt Ion:248 Resp: 80790

Ion Ratio Lower Upper

248 100

250 94.9 76.8 115.2

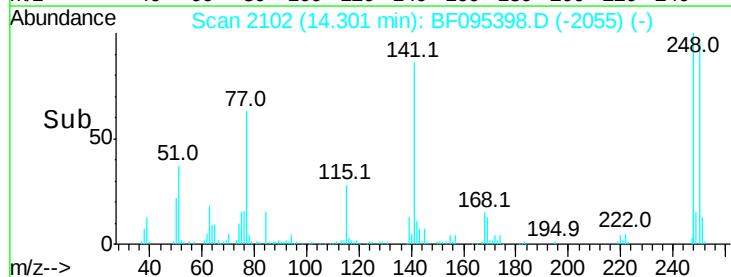
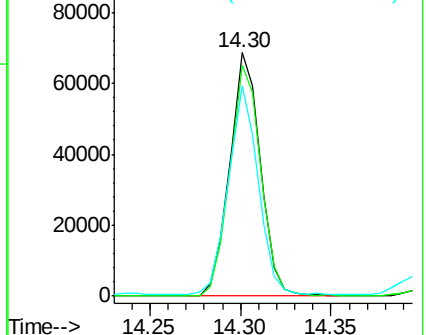
141 86.5 68.6 103.0

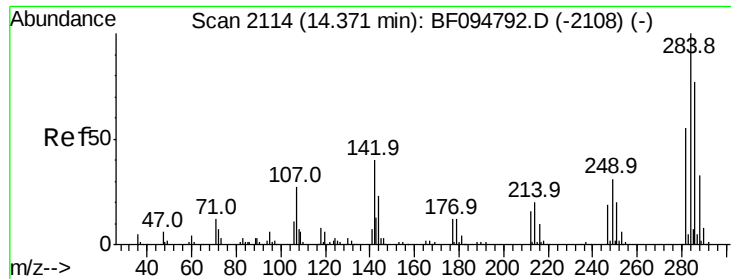


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.53 ng

RT: 14.39 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

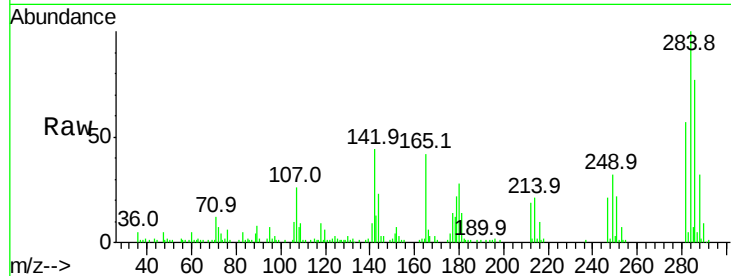
Tot Ion:284 Resp: 78966

Ion Ratio Lower Upper

284 100

142 44.4 22.8 34.2#

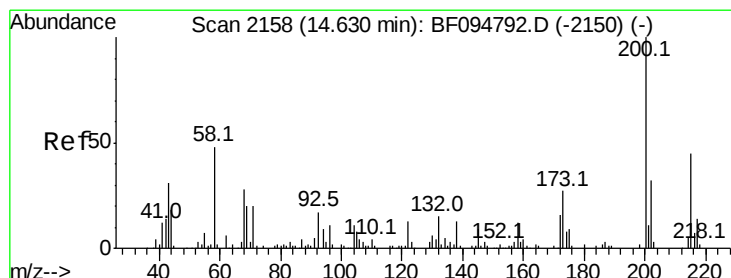
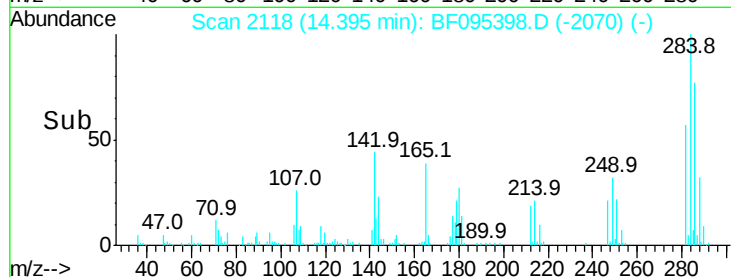
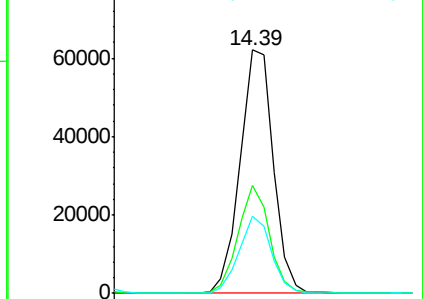
249 31.6 24.0 36.0



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: 39.61 ng

RT: 14.65 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

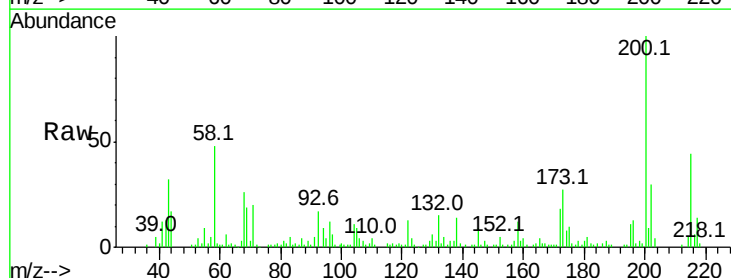
Tgt Ion:200 Resp: 78879

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

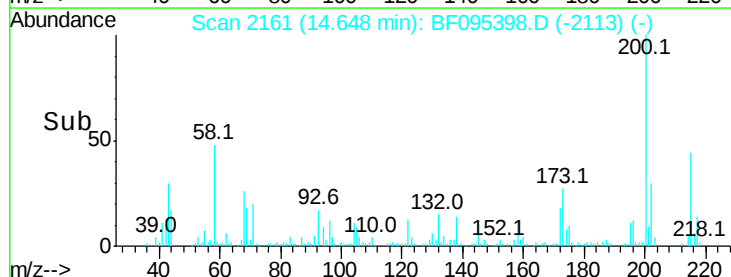
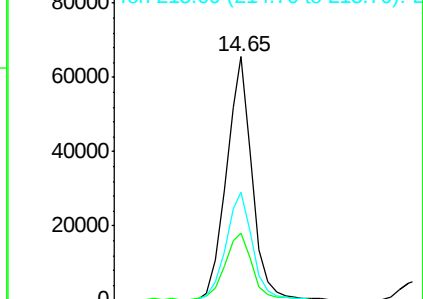
215 44.5 27.2 67.2

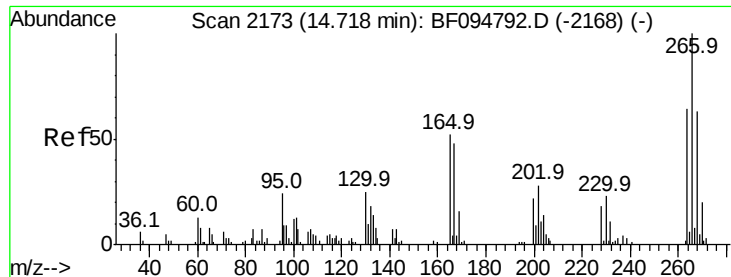


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

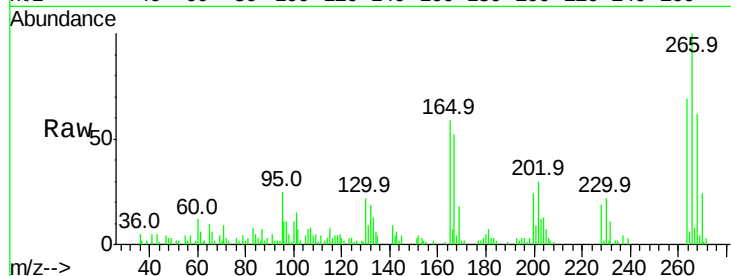




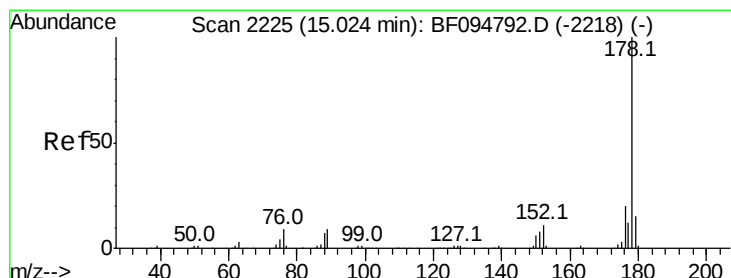
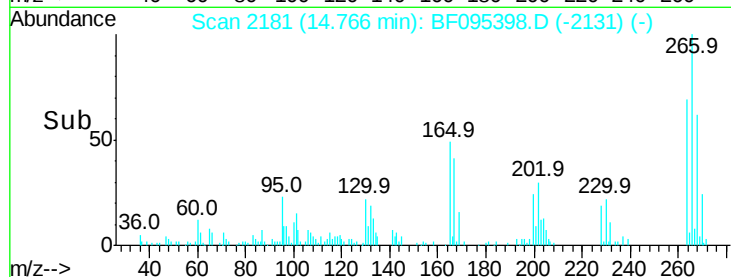
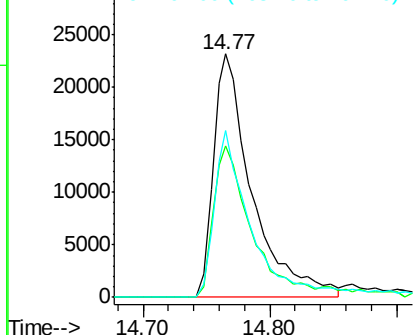
#69
 Pentachlorophenol
 Concen: 53.53 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 48935
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 68.5 51.7 77.5

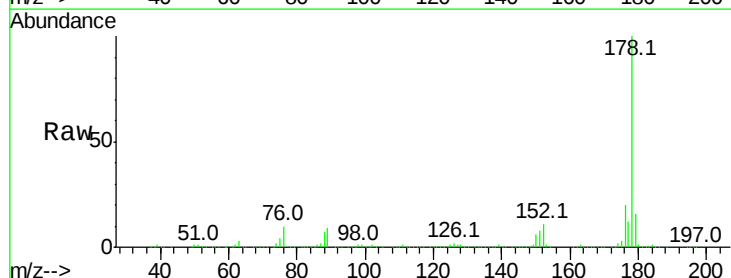


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

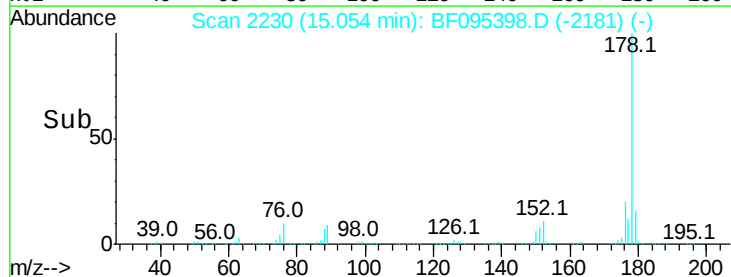
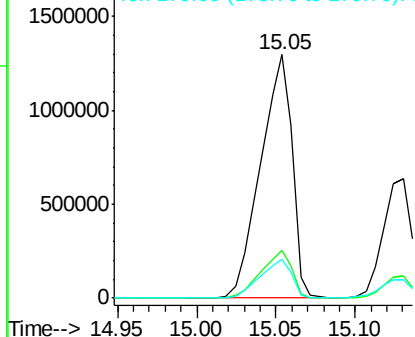


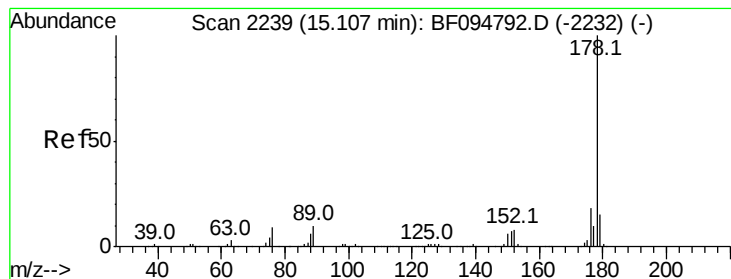
#70
 Phenanthrene
 Concen: 161.39 ng
 RT: 15.05 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion:178 Resp: 1802052
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 70.13 ng

RT: 15.13 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

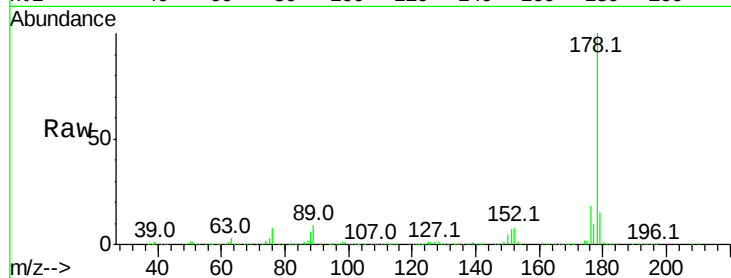
Tot Ion:178 Resp: 799881

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

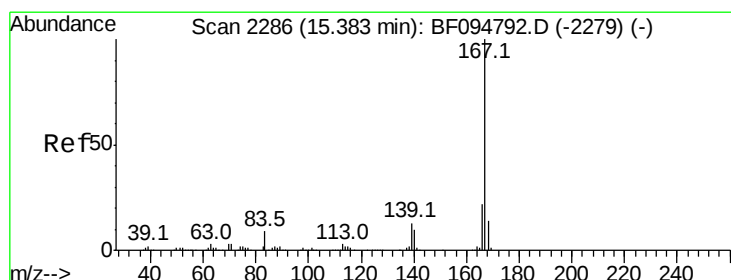
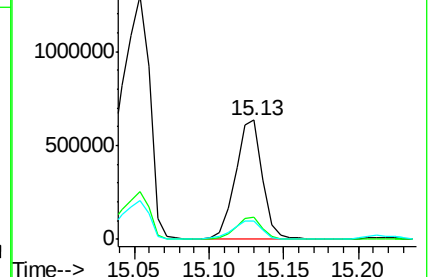
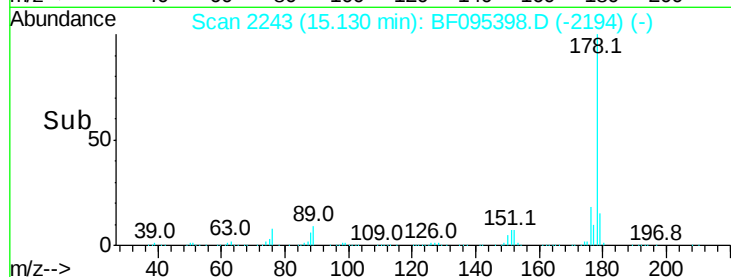
179 15.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 53.84 ng

RT: 15.41 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

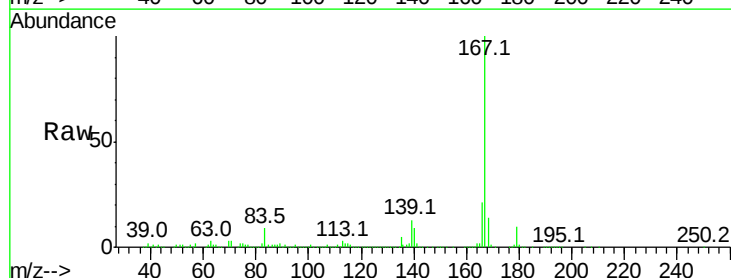
Tgt Ion:167 Resp: 558686

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

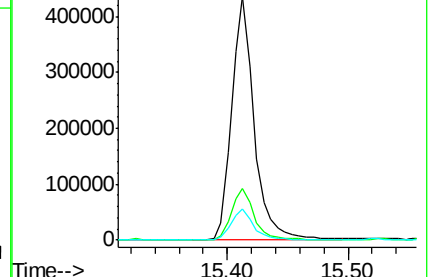
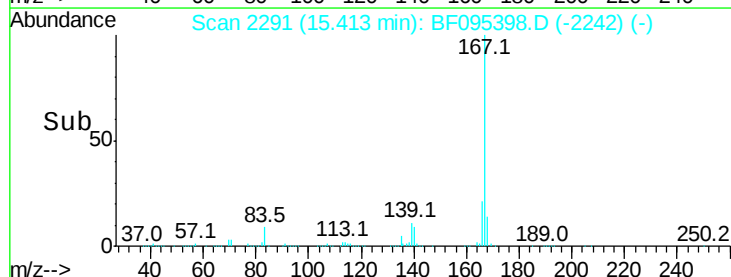
139 12.6 11.7 17.5

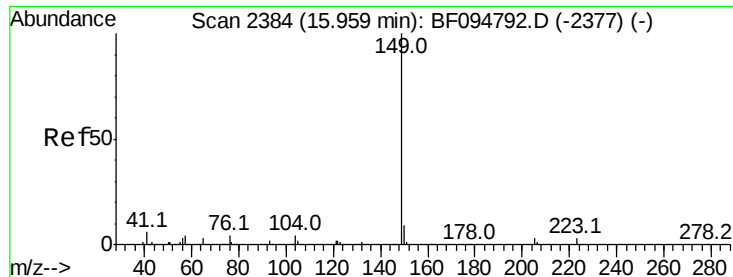


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.49 ng

RT: 15.97 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

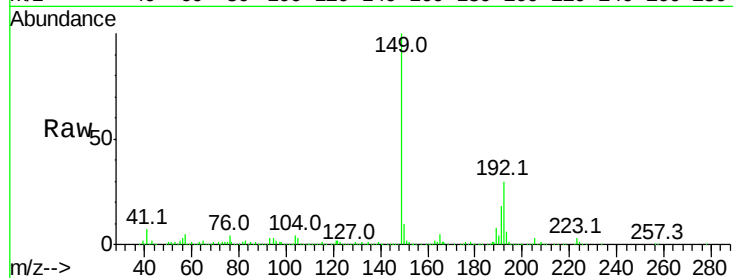
Tot Ion:149 Resp: 536923

Ion Ratio Lower Upper

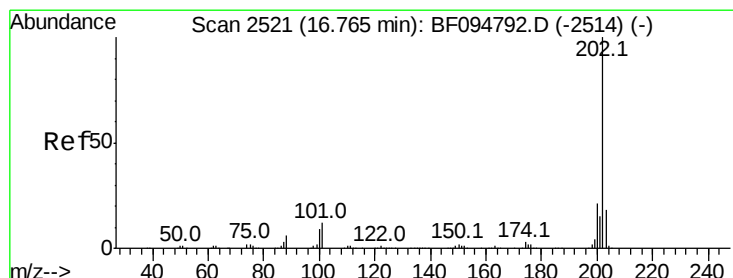
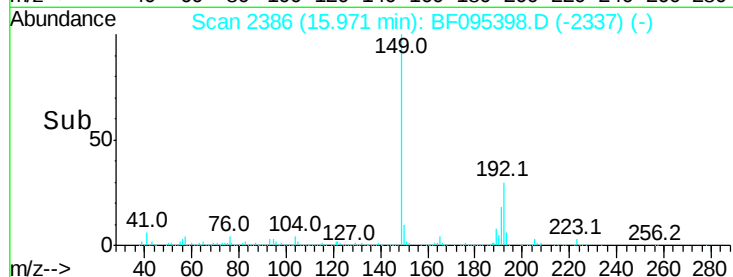
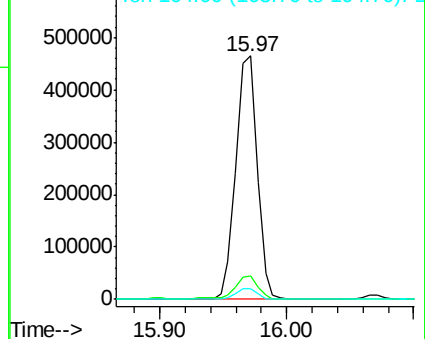
149 100

150 9.6 7.7 11.5

104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 190.48 ng

RT: 16.81 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

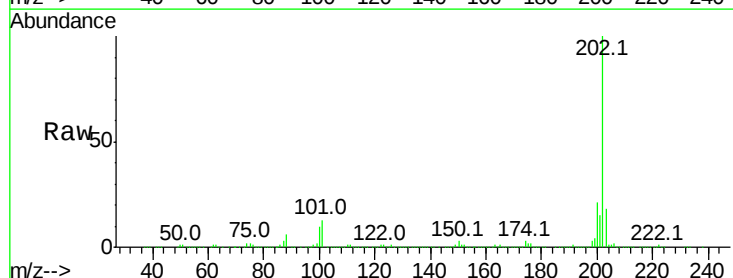
Tgt Ion:202 Resp: 2181646

Ion Ratio Lower Upper

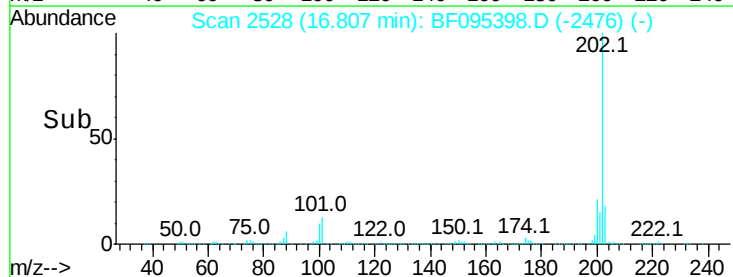
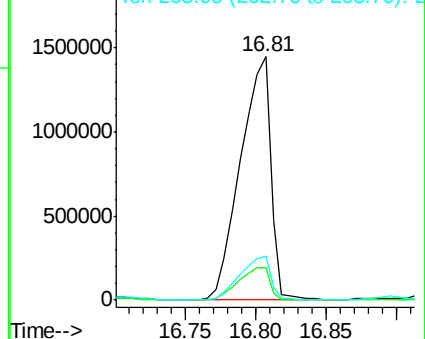
202 100

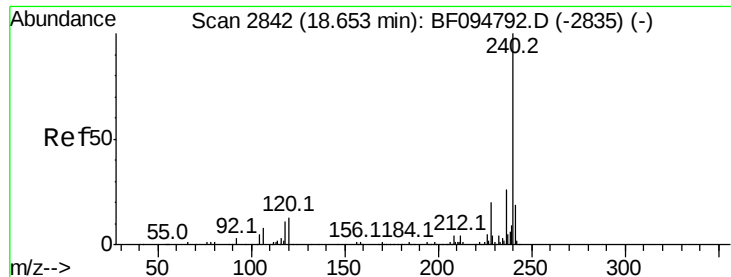
101 13.4 0.0 33.2

203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

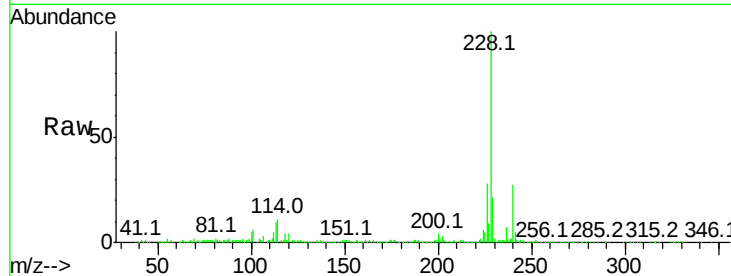
Tot Ion:240 Resp: 150170

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

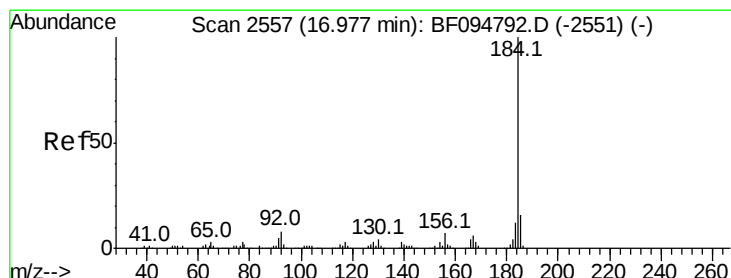
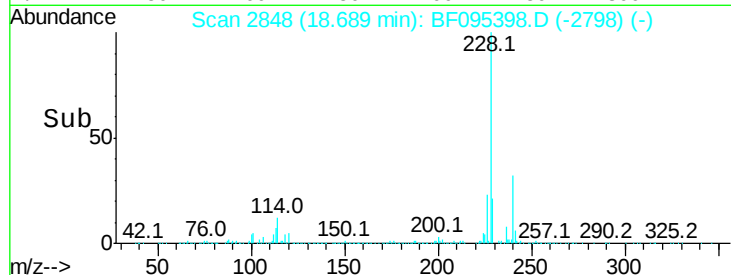
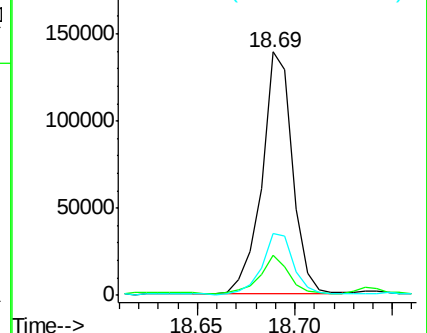
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.21 ng

RT: 17.04 min Scan# 2568

Delta R.T. 0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

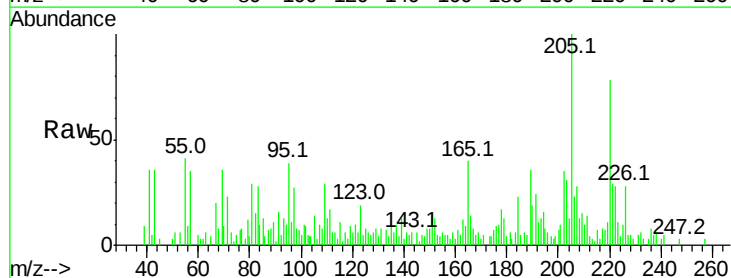
Tgt Ion:184 Resp: 7624

Ion Ratio Lower Upper

184 100

185 21.1 15.5 23.3

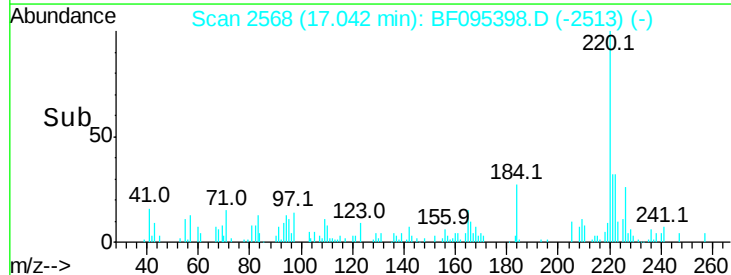
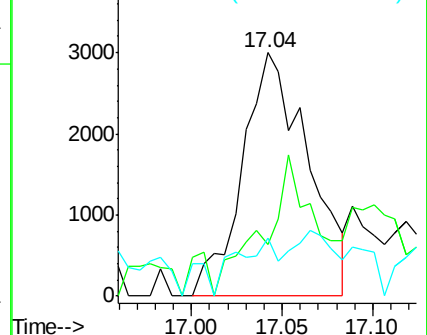
183 23.9 9.8 14.6#

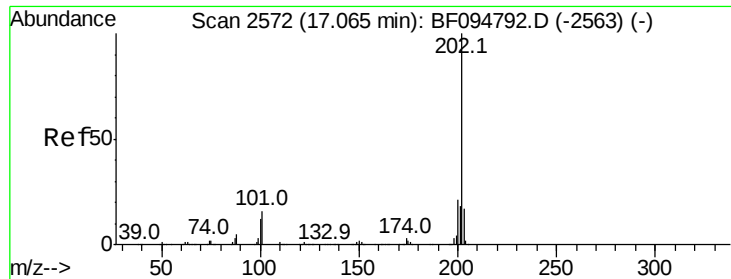


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

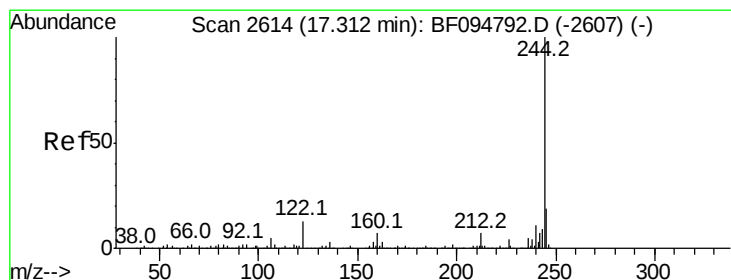
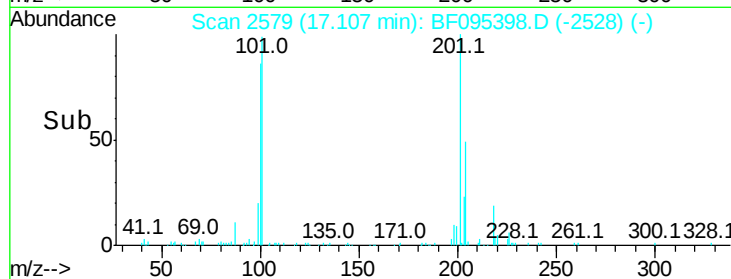
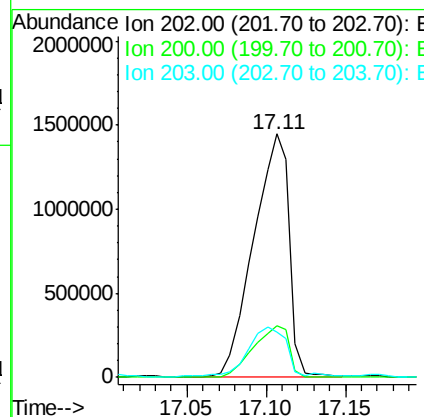
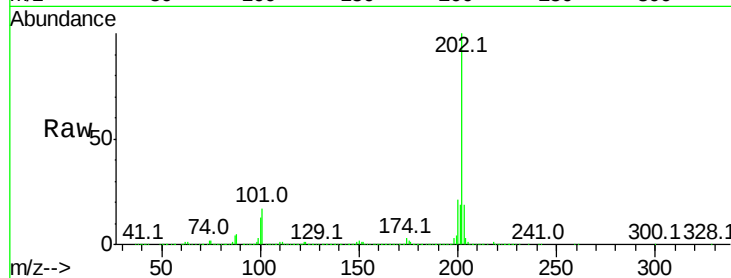




#77
Pvrene
Concen: 200.53 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

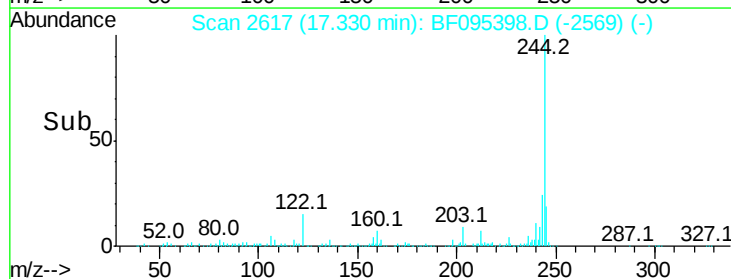
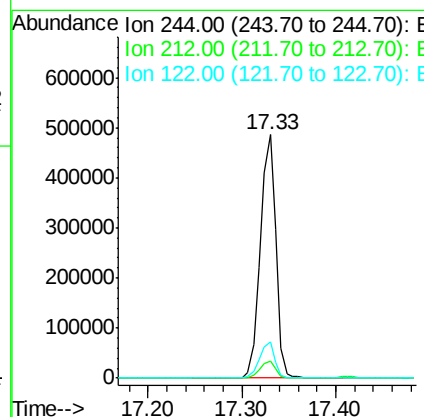
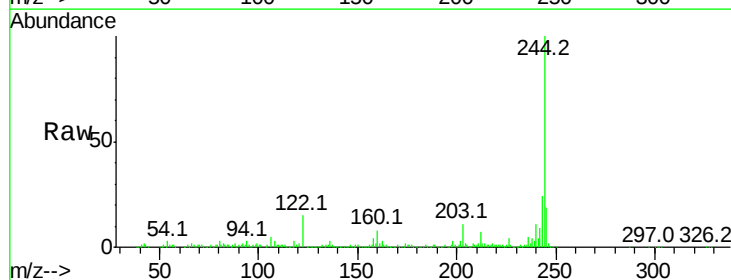
Instrument :
BNA_F
ClientSampleId :

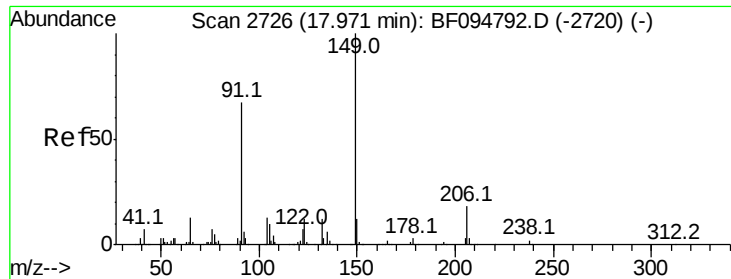
Tot Ion:202 Resp: 2252209
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 18.6 14.4 21.6



#78
Terphenyl-d14
Concen: 81.92 ng
RT: 17.33 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion:244 Resp: 558549
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.7 10.3 15.5

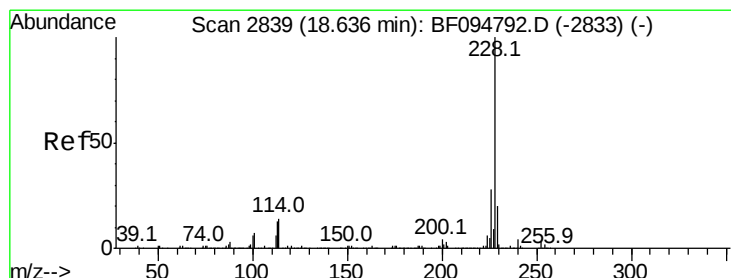
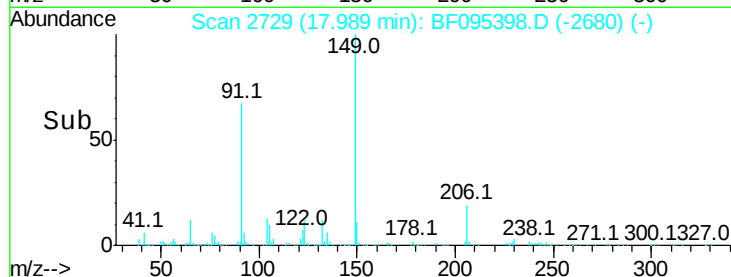
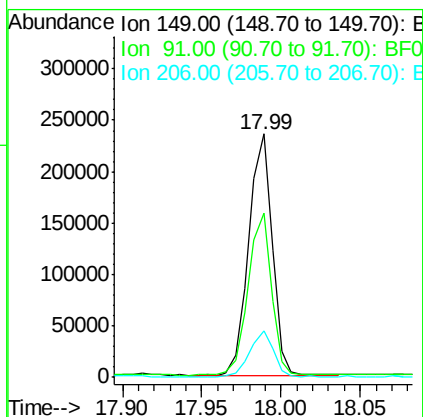
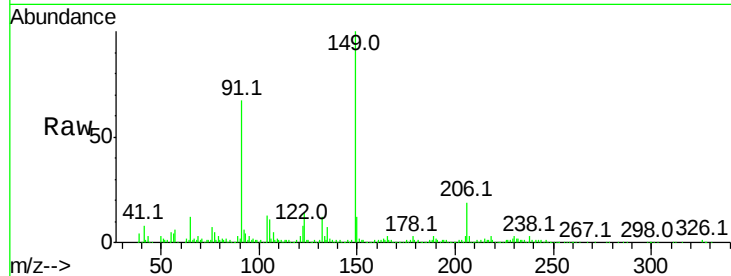




#79
Butylbenzylphthalate
Concen: 46.16 ng
RT: 17.99 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

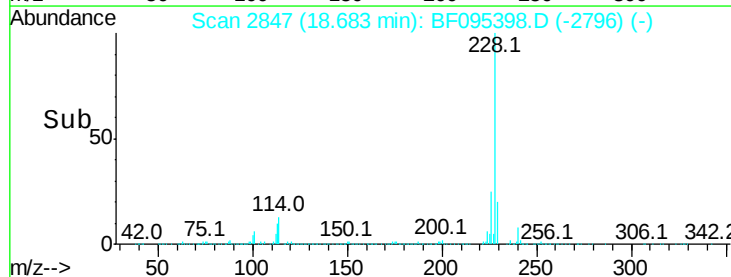
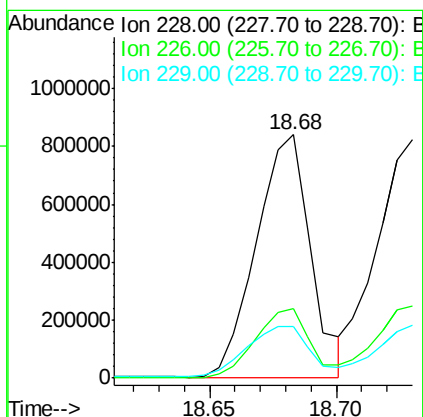
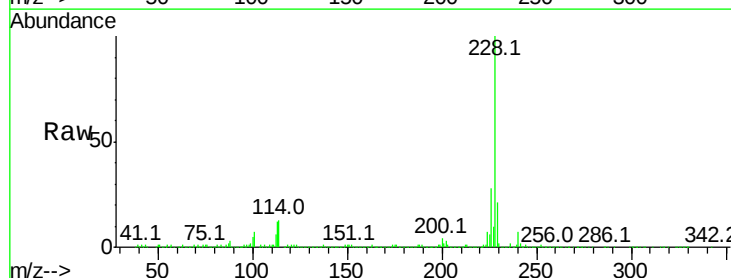
Instrument :
BNA_F
ClientSampleId :

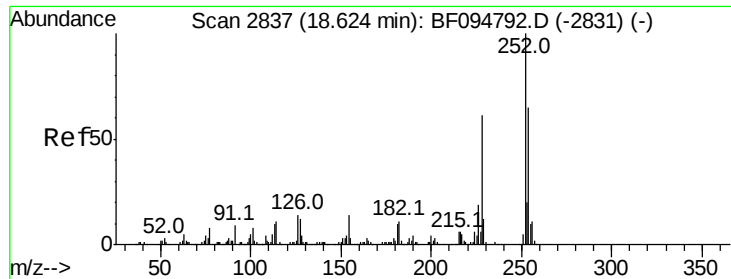
Tot Ion:149 Resp: 241163
Ion Ratio Lower Upper
149 100
91 67.4 45.0 67.4
206 18.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 143.10 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion:228 Resp: 1250660
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 21.0 16.3 24.5

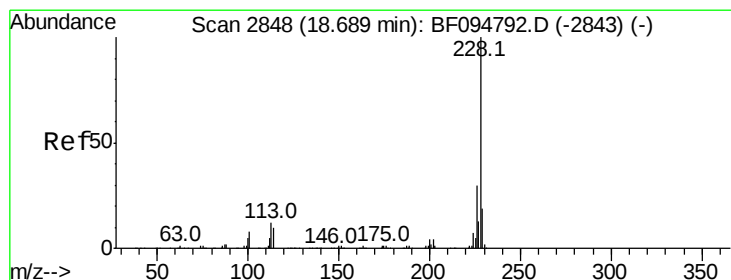
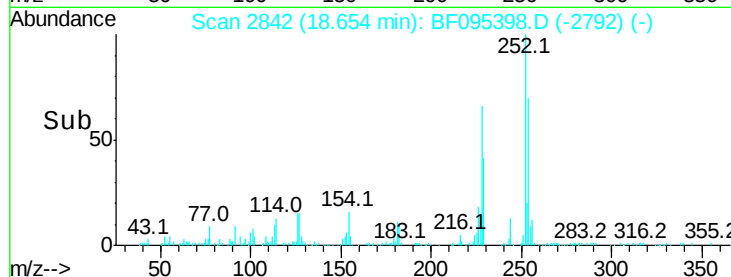
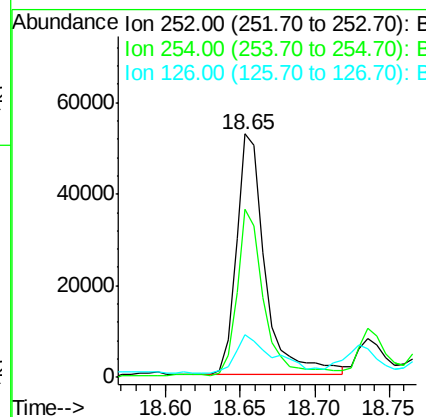
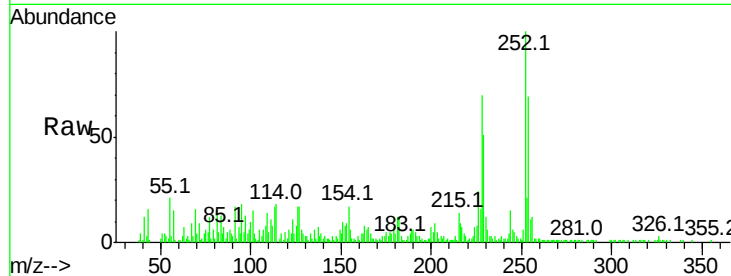




#81
 3,3'-Dichlorobenzidine
 Concen: 23.48 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

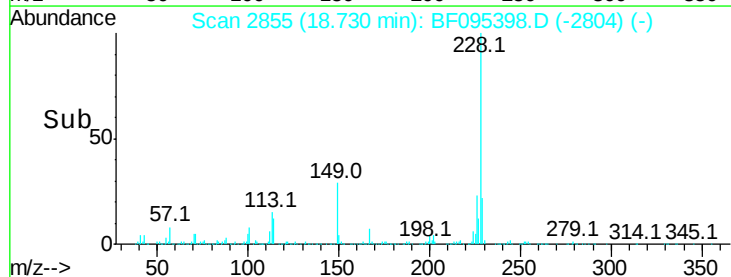
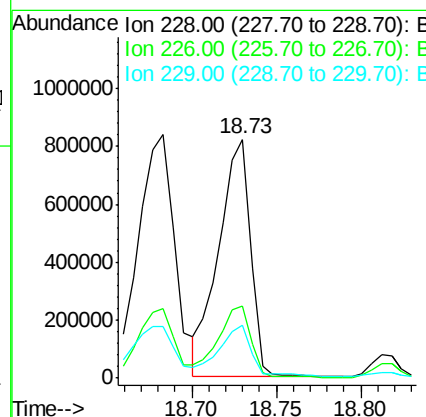
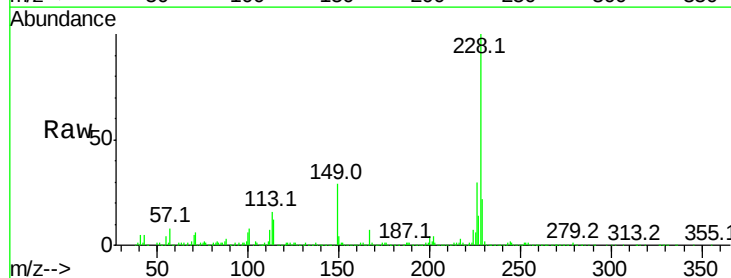
Instrument :
 BNA_F
 ClientSampleId :

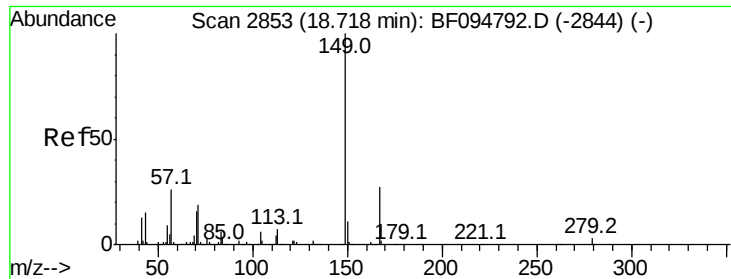
Tot Ion:252 Resp: 70865
 Ion Ratio Lower Upper
 252 100
 254 69.0 51.5 77.3
 126 17.5 15.8 23.8



#82
 Chrysene
 Concen: 128.37 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.00 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion:228 Resp: 1084814
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 21.9 15.8 23.6

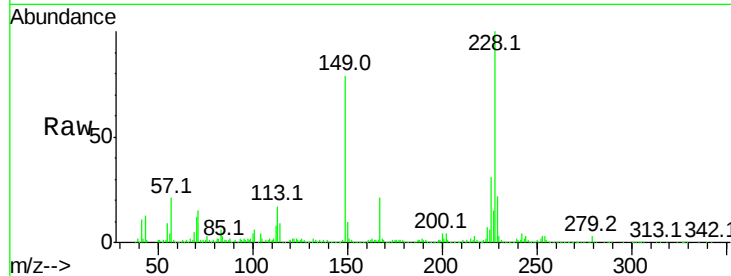




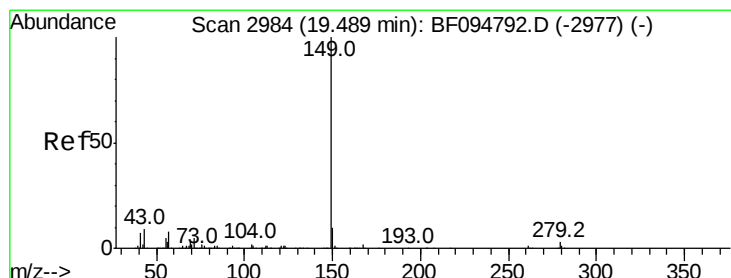
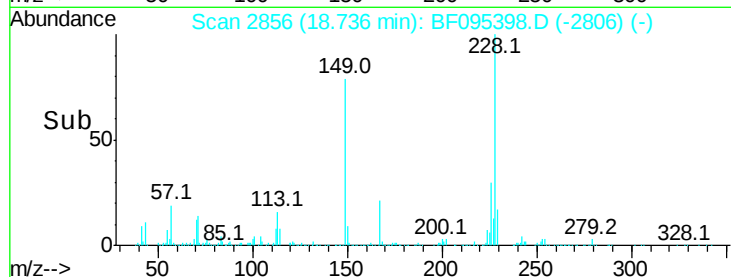
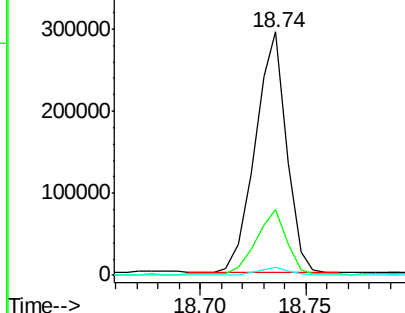
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.58 ng
 RT: 18.74 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.2	1.9	2.9#

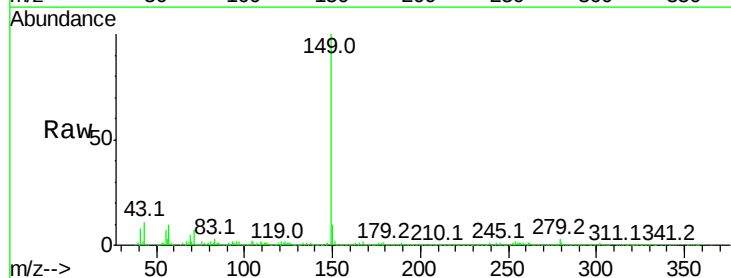


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

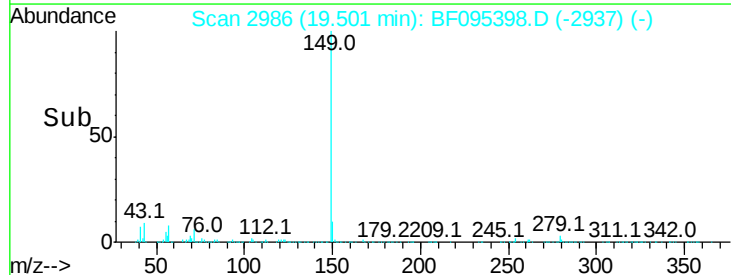
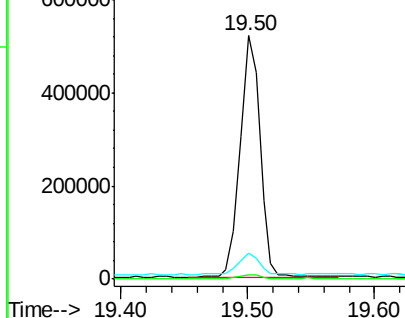


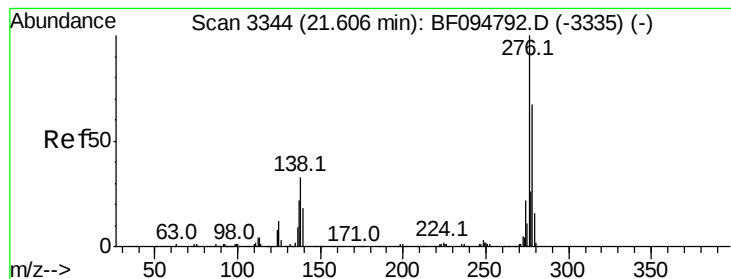
#84
 Di-n-octyl phthalate
 Concen: 46.28 ng
 RT: 19.50 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	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: 79.00 ng

RT: 21.71 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

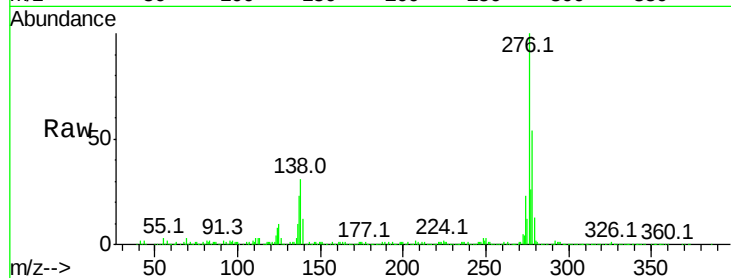
Tot Ion:276 Resp: 542184

Ion Ratio Lower Upper

276 100

138 29.9 27.8 41.6

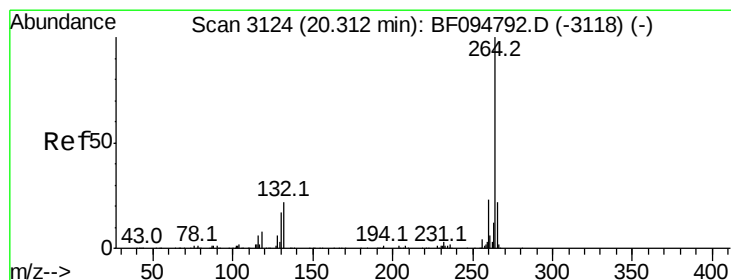
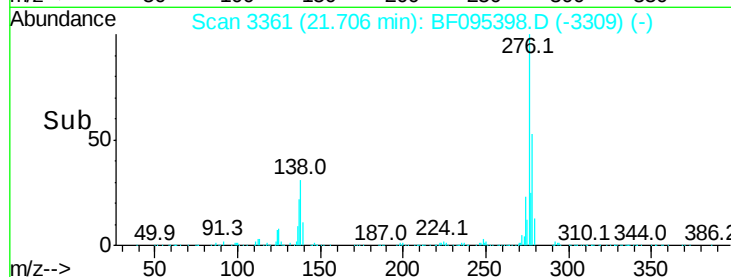
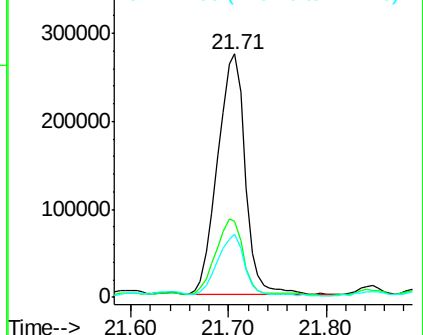
277 23.5 20.2 30.4



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# 3133

Delta R.T. 0.00 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

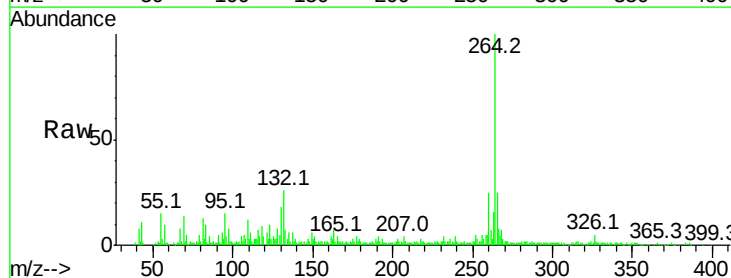
Tgt Ion:264 Resp: 115764

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

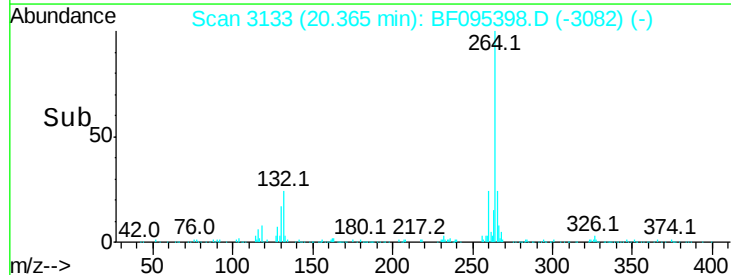
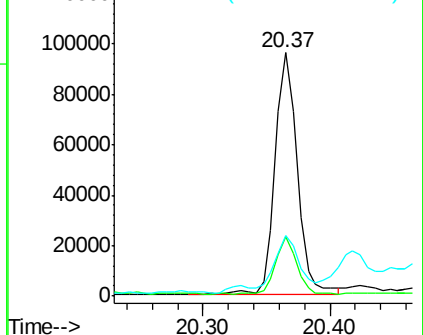
265 25.1 17.2 25.8

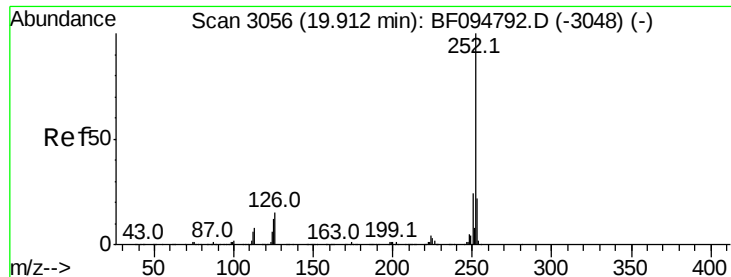


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 144.16 ng

RT: 19.97 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

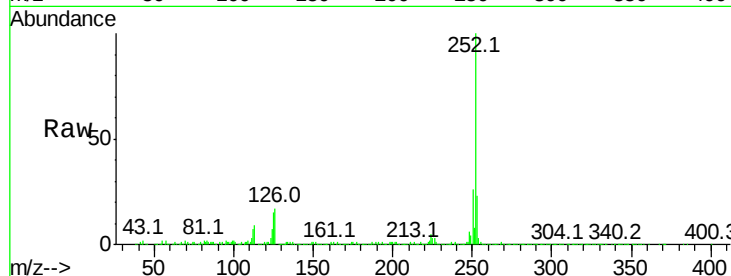
Tot Ion:252 Resp: 1031209

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

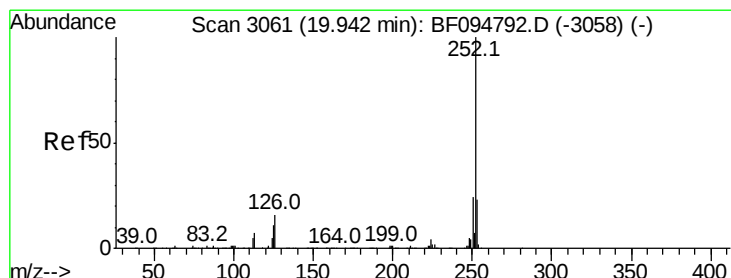
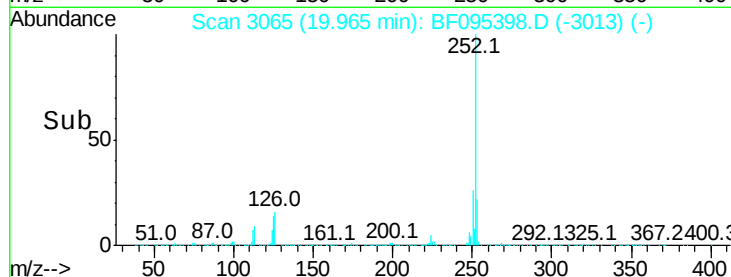
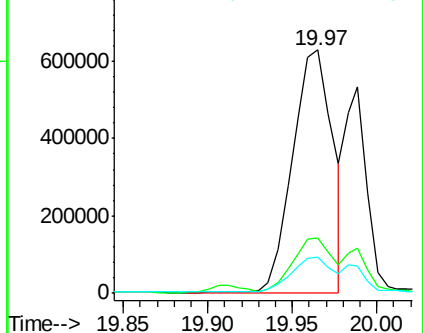
125 14.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 149.45 ng

RT: 19.97 min Scan# 3065

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

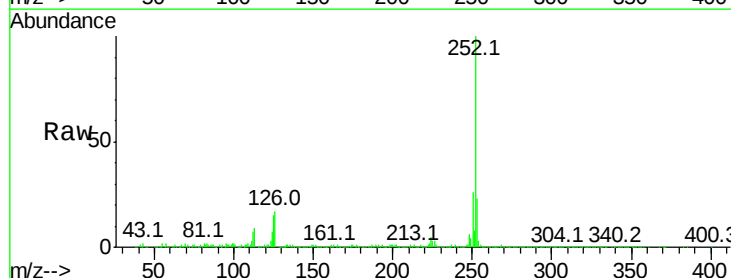
Tgt Ion:252 Resp: 1031209

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

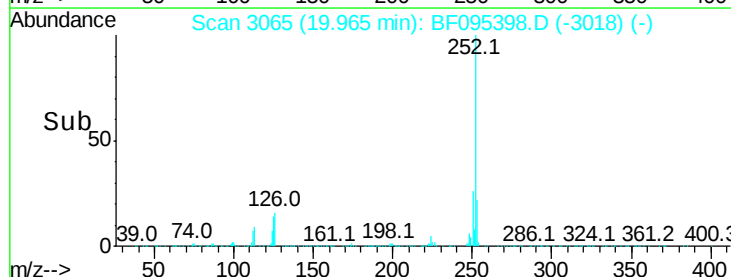
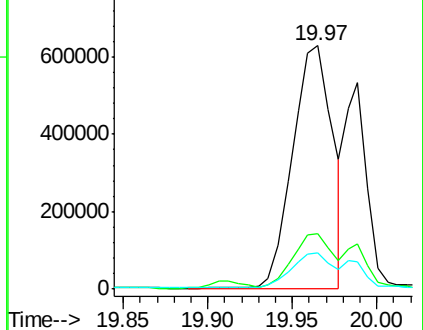
125 14.7 13.1 19.7

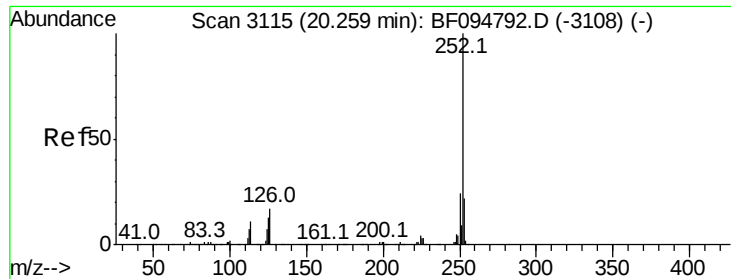


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 113.59 ng

RT: 20.31 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

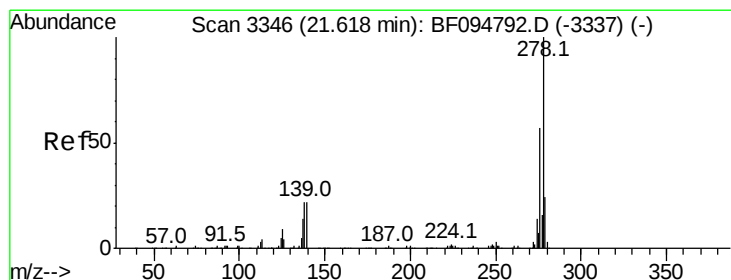
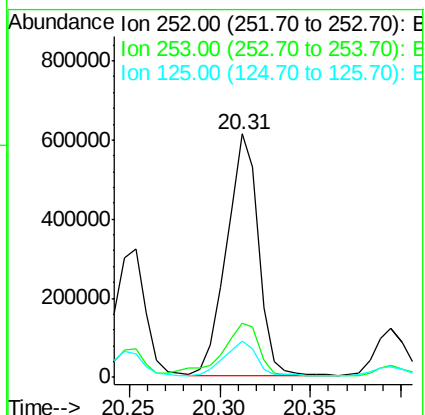
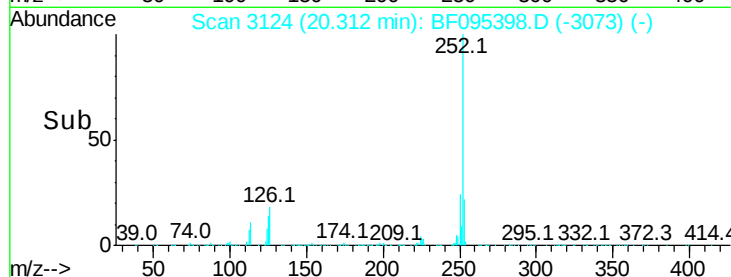
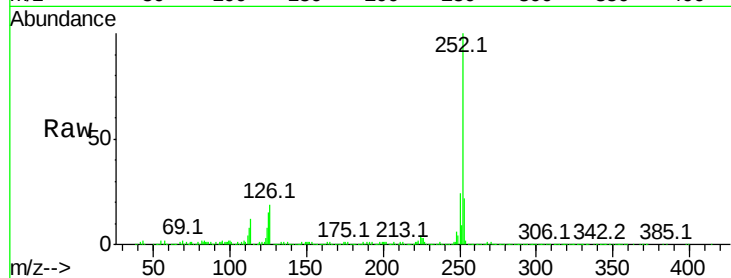
Tot Ion:252 Resp: 749751

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 15.1 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 52.52 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

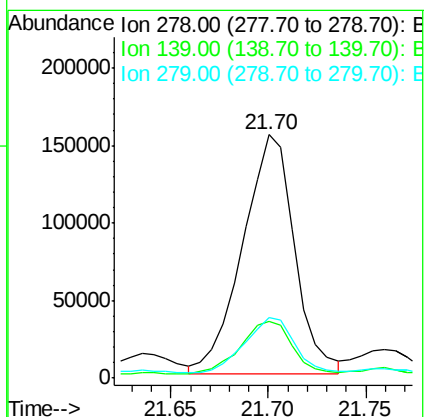
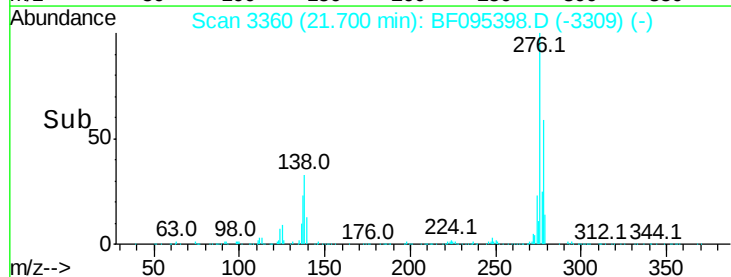
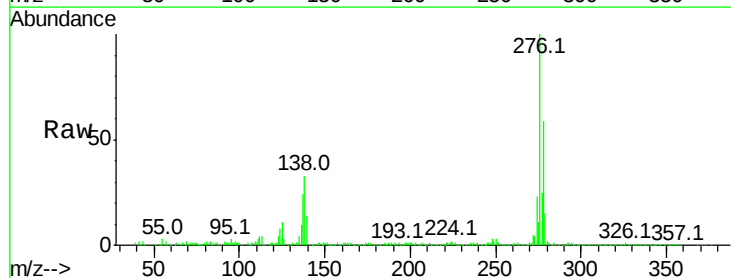
Tgt Ion:278 Resp: 286330

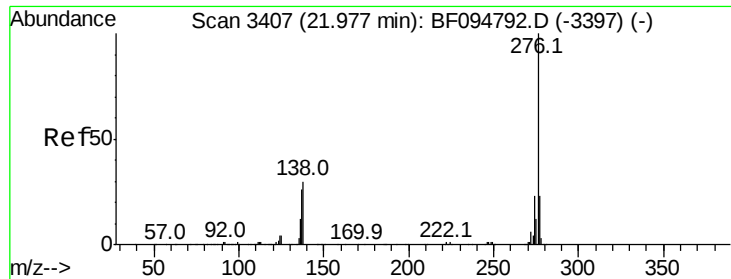
Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

279 24.8 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 94.02 ng
 RT: 22.09 min Scan# 3426
 Delta R.T. 0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	32.4	25.4	38.0

