

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095348.D
 Acq On : 23 May 2017 13:29
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:26:14 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	91956	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	377319	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	187055	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	338569	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	267840	20.00	ng	-0.01
86) Perylene-d12	20.36	264	196681	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	552761	100.22	ng	-0.02
7) Phenol-d6	7.30	99	598058	90.37	ng	-0.01
23) Nitrobenzene-d5	8.67	82	528139	88.26	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	138514	90.42	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1047963	80.64	ng	-0.01
78) Terphenyl-d14	17.33	244	1063739	87.48	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.21	88	124949	46.19	ng	95
3) Pyridine	2.90	79	276610	44.12	ng	99
4) n-Nitrosodimethylamine	2.83	42	100450	38.44	ng	83
6) Aniline	7.27	93	402561	48.18	ng	94
8) 2-Chlorophenol	7.45	128	291245	46.39	ng	93
9) Benzaldehyde	7.08	77	152475	37.73	ng	99
10) Phenol	7.32	94	337443	48.39	ng	89
11) bis(2-Chloroethyl)ether	7.39	93	257744	44.77	ng	95
12) 1,3-Dichlorobenzene	7.66	146	318189	44.68	ng	97
13) 1,4-Dichlorobenzene	7.78	146	327773	45.39	ng	98
14) 1,2-Dichlorobenzene	8.01	146	307456	45.61	ng	97
15) Benzyl Alcohol	8.05	79	210158	49.37	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	346059	42.47	ng	55
17) 2-Methylphenol	8.25	107	238263	46.38	ng	96
18) Hexachloroethane	8.52	117	107934	44.12	ng	# 80
19) n-Nitroso-di-n-propylamine	8.47	70	201995	45.13	ng	93
20) 3+4-Methylphenols	8.51	107	314489	45.05	ng	# 58
22) Acetophenone	8.44	105	401085	44.30	ng	# 82
24) Nitrobenzene	8.69	77	278803	44.45	ng	92
25) Isophorone	9.10	82	486208	45.51	ng	95
26) 2-Nitrophenol	9.20	139	163425	48.29	ng	97
27) 2,4-Dimethylphenol	9.33	122	246202	45.00	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	328100	44.39	ng	98
29) 2,4-Dichlorophenol	9.62	162	226930	43.92	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	244164	44.11	ng	98
31) Naphthalene	9.81	128	845691	44.59	ng	99
32) Benzoic acid	9.67	122	133224	38.24	ng	97
33) 4-Chloroaniline	9.95	127	331330	46.88	ng	# 92
34) Hexachlorobutadiene	10.02	225	124802	42.73	ng	99
35) Caprolactam	10.60	113	51909	33.46	ng	# 79
36) 4-Chloro-3-methylphenol	10.80	107	256530	46.44	ng	90
37) 2-Methylnaphthalene	10.93	142	572167	45.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	240035	41.73	ng	99
40) Hexachlorocyclopentadiene	11.18	237	94146	42.04	ng	98

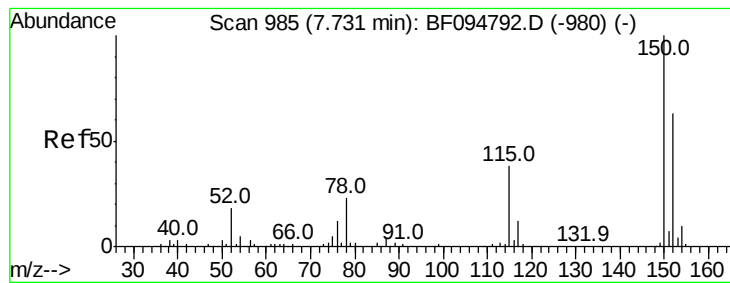
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095348.D
 Acq On : 23 May 2017 13:29
 Operator : SJ/MA
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	160083	41.68	nq	96
43) 2,4,5-Trichlorophenol	11.53	196	159116	38.55	nq	94
45) 1,1'-Biphenyl	11.70	154	677771	43.04	nq	98
46) 2-Chloronaphthalene	11.72	162	544879	42.85	nq	97
47) 2-Nitroaniline	11.94	65	154007	44.25	nq	# 85
48) Acenaphthylene	12.38	152	849430	42.65	nq	100
49) Dimethylphthalate	12.25	163	630167	41.04	nq	100
50) 2,6-Dinitrotoluene	12.35	165	136799	43.67	nq	96
51) Acenaphthene	12.66	154	507568	42.66	nq	99
52) 3-Nitroaniline	12.62	138	152559	45.37	nq	89
53) 2,4-Dinitrophenol	12.84	184	66406	41.73	nq	# 68
54) Dibenzofuran	12.95	168	730449	44.37	nq	98
55) 4-Nitrophenol	13.04	139	73096	36.19	nq	# 81
56) 2,4-Dinitrotoluene	13.02	165	189464	47.06	nq	95
57) Fluorene	13.50	166	620027	43.31	nq	97
58) 2,3,4,6-Tetrachlorophenol	13.19	232	123968	47.72	nq	# 90
59) Diethylphthalate	13.39	149	627470	42.63	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	276673	43.98	nq	88
61) 4-Nitroaniline	13.62	138	127998	41.47	nq	95
62) Azobenzene	13.78	77	531459	44.94	nq	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	102419	45.13	nq	# 68
65) n-Nitrosodiphenylamine	13.73	169	534280	43.48	nq	98
66) 4-Bromophenyl-phenylether	14.31	248	156079	43.63	nq	97
67) Hexachlorobenzene	14.40	284	156024	42.56	nq	# 90
68) Atrazine	14.65	200	151230	43.59	nq	99
69) Pentachlorophenol	14.76	266	79808	50.48	nq	97
70) Phenanthrene	15.05	178	860577	44.24	nq	99
71) Anthracene	15.13	178	900775	45.33	nq	98
72) Carbazole	15.41	167	816944	45.19	nq	98
73) Di-n-butylphthalate	15.97	149	995579	44.16	nq	99
74) Fluoranthene	16.79	202	893609	44.78	nq	99
76) Benzidine	17.01	184	266515	38.33	nq	# 93
77) Pyrene	17.09	202	921212	45.99	nq	98
79) Butylbenzylphthalate	17.99	149	418580	44.92	nq	90
80) Benzo(a)anthracene	18.67	228	670217	43.00	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	222082	41.25	nq	# 96
82) Chrysene	18.72	228	650087	43.13	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	543366	40.93	nq	# 99
84) Di-n-octyl phthalate	19.50	149	905264	41.59	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	447198	36.53	nq	100
87) Benzo(b)fluoranthene	19.95	252	506809	41.70	nq	99
88) Benzo(k)fluoranthene	19.95	252	506809	43.23	nq	97
89) Benzo(a)pyrene	20.30	252	504241	44.96	nq	99
90) Dibenzo(a,h)anthracene	21.69	278	380159	41.05	nq	99
91) Benzo(g,h,i)perylene	22.07	276	389263	42.83	nq	99

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

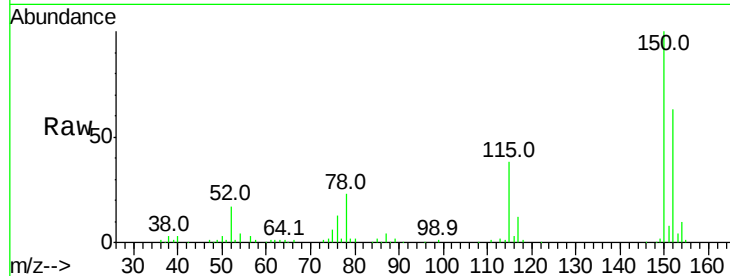


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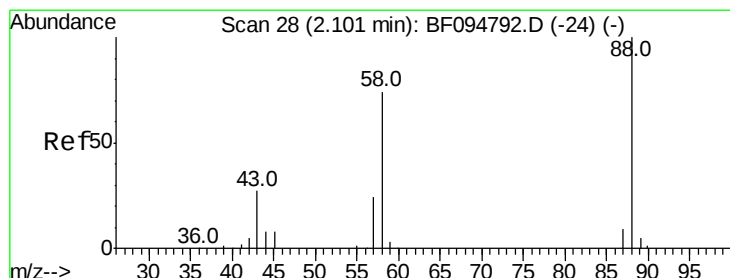
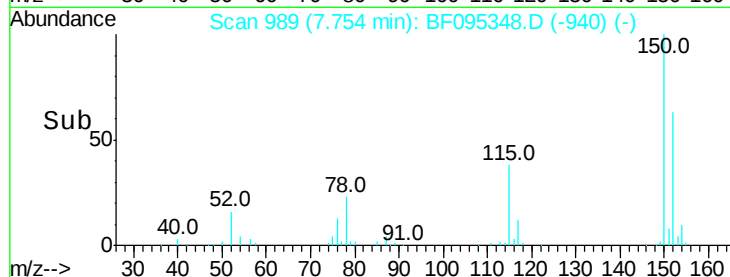
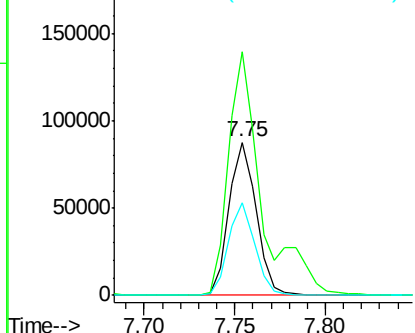
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91956
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 60.2 52.2 78.2



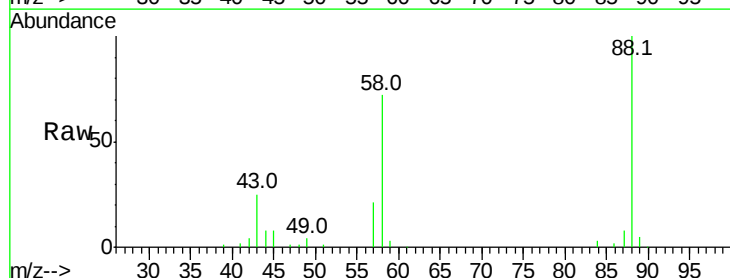
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



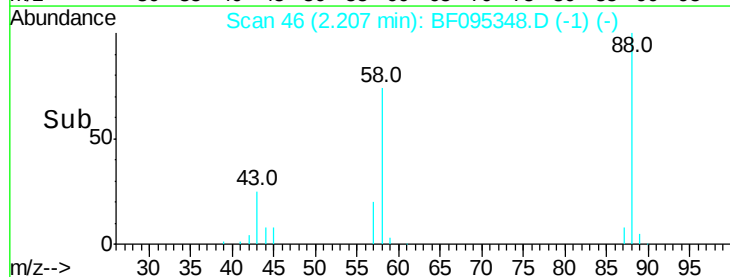
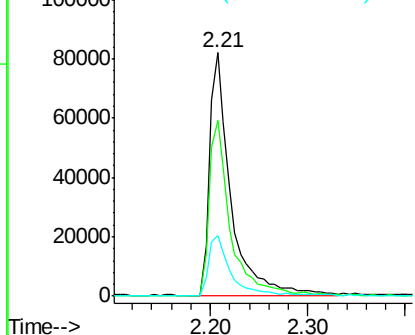
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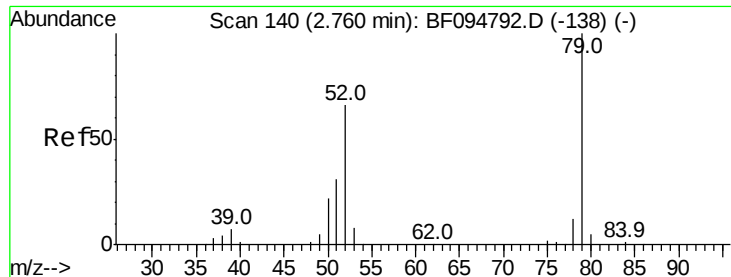
1,4-Dioxane
Concen: 46.19 ng
RT: 2.21 min Scan# 46
Delta R.T. -0.02 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion: 88 Resp: 124949
Ion Ratio Lower Upper
88 100
58 72.7 61.4 92.0
43 26.1 23.4 35.0



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





#3

Pvridine

Concen: 44.12 ng

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

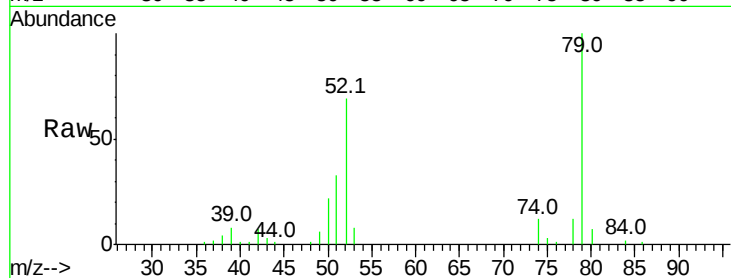
Tot Ion: 79 Resp: 276610

Ion Ratio Lower Upper

79 100

52 69.0 54.8 82.2

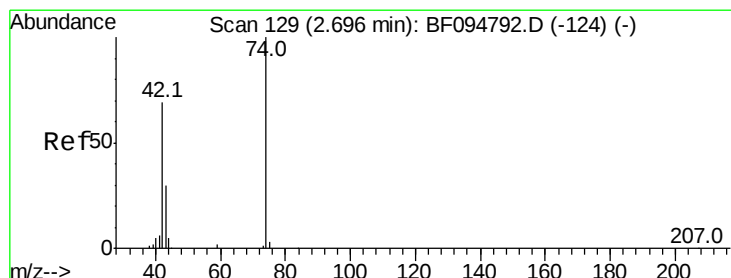
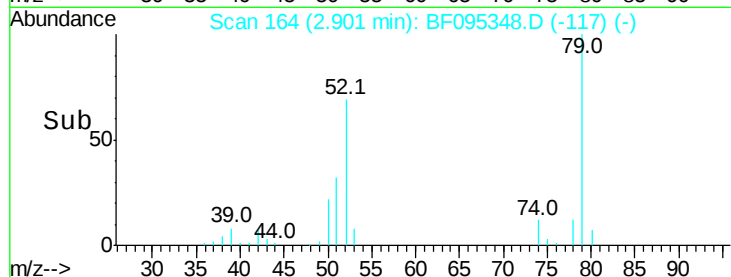
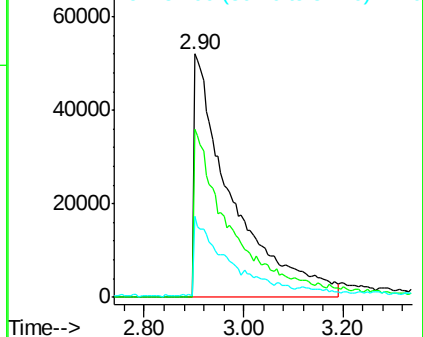
51 33.1 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.44 ng

RT: 2.83 min Scan# 152

Delta R.T. -0.02 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

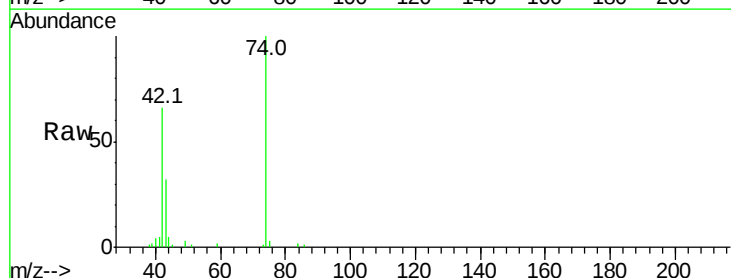
Tgt Ion: 42 Resp: 100450

Ion Ratio Lower Upper

42 100

74 150.9 103.9 155.9

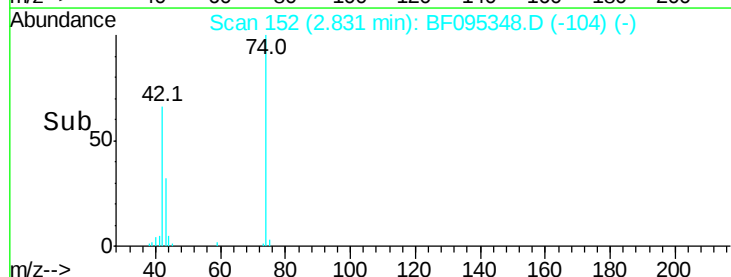
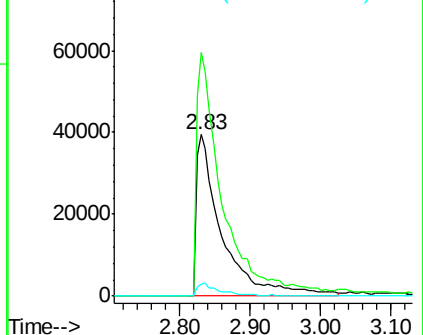
44 7.6 5.7 8.5

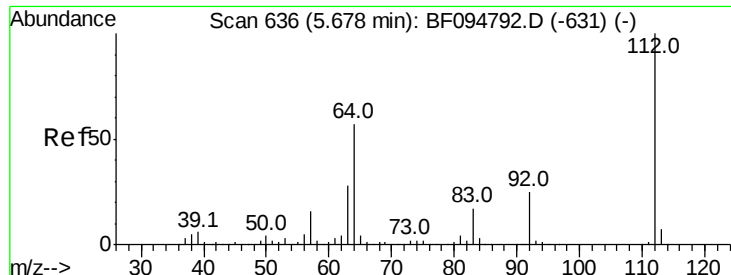


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

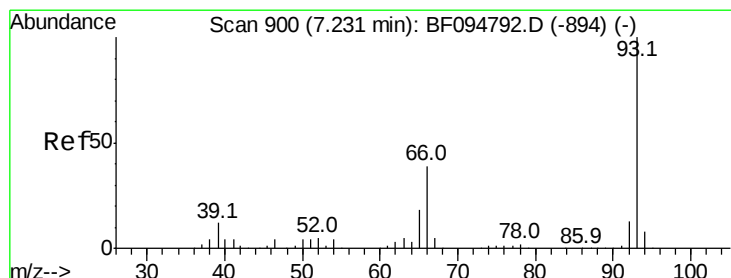
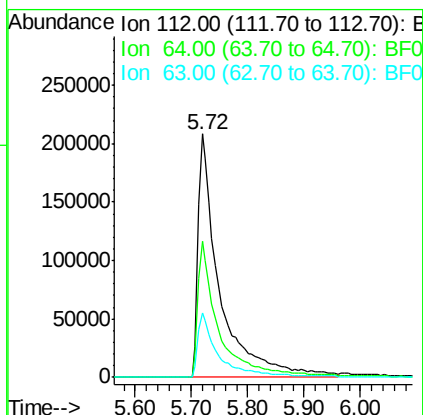
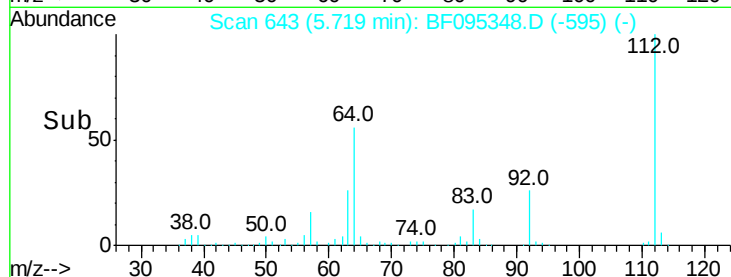
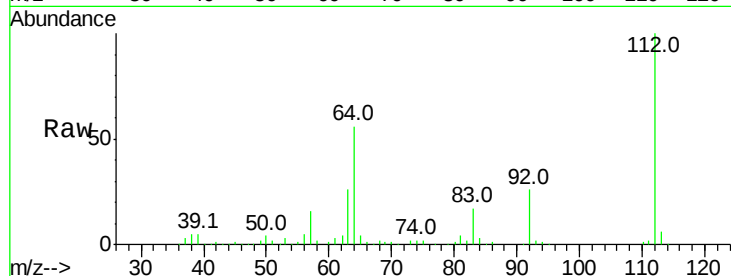




#5
 2-Fluorophenol
 Concen: 100.22 ng
 RT: 5.72 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

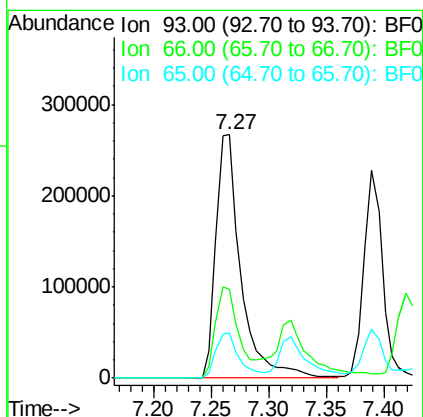
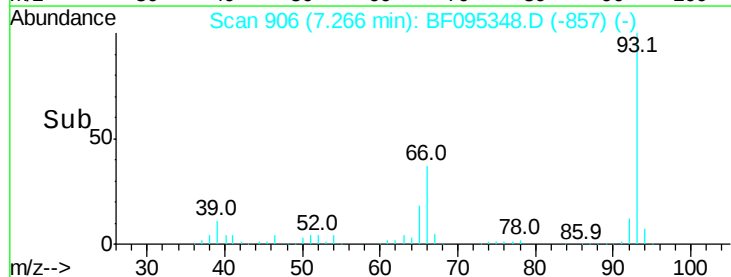
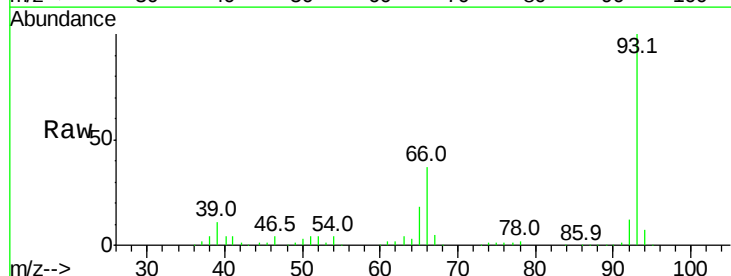
Instrument :
 BNA_F
 ClientSampled :

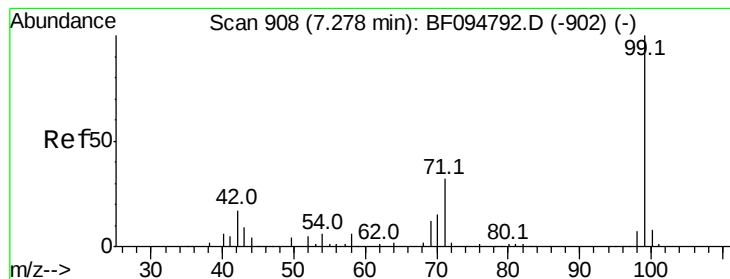
Tot Ion:	112	Resp:	552761
Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	26.5	23.4	35.0



#6
 Aniline
 Concen: 48.18 ng
 RT: 7.27 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:	93	Resp:	402561
Ion	Ratio	Lower	Upper
93	100		
66	36.5	32.9	49.3
65	18.5	16.0	24.0





#7

Phenol-d6

Concen: 90.37 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampled :

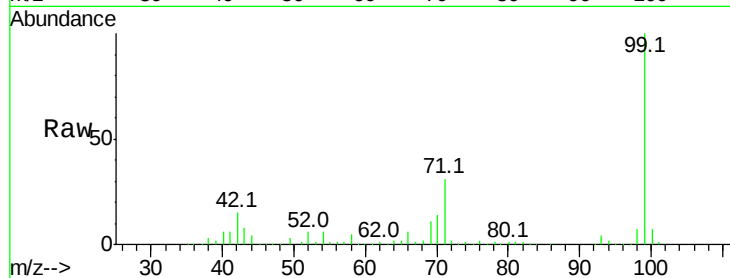
Tot Ion: 99 Resp: 598058

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

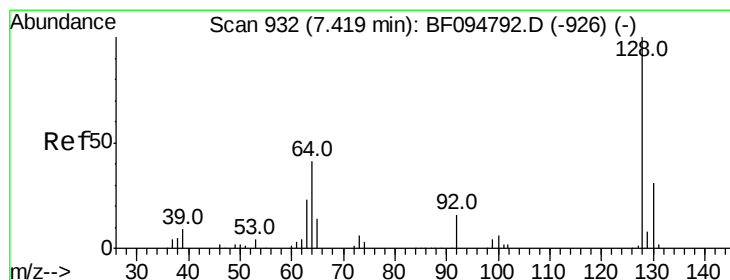
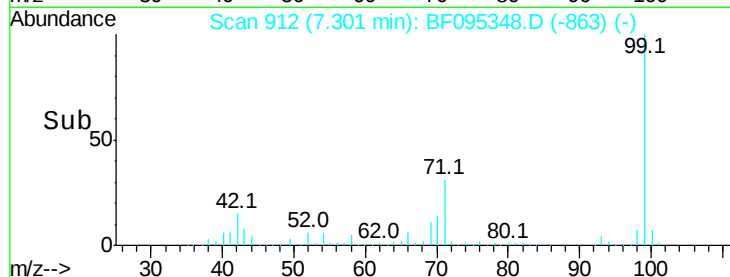
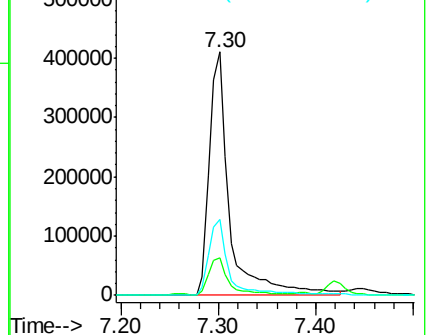
71 31.2 24.5 36.7



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: 46.39 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

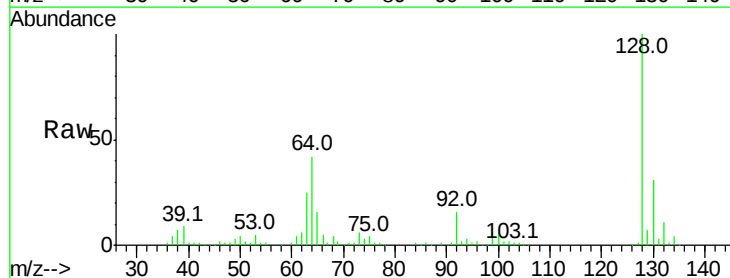
Tgt Ion: 128 Resp: 291245

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

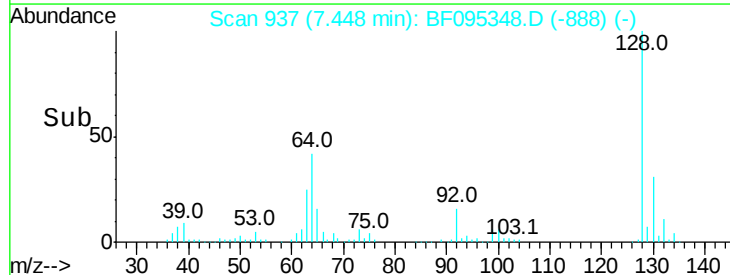
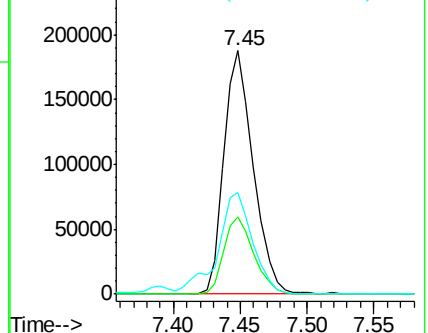
64 41.6 28.4 68.4

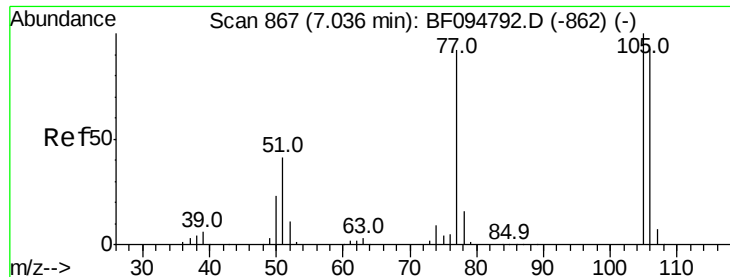


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.73 ng

RT: 7.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampled :

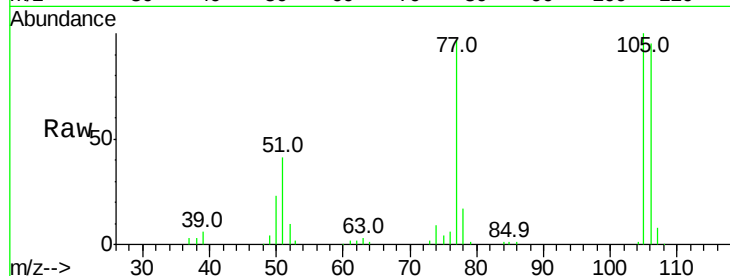
Tot Ion: 77 Resp: 152475

Ion Ratio Lower Upper

77 100

105 103.5 83.8 123.8

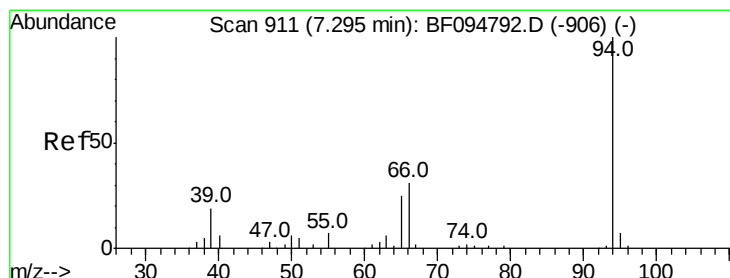
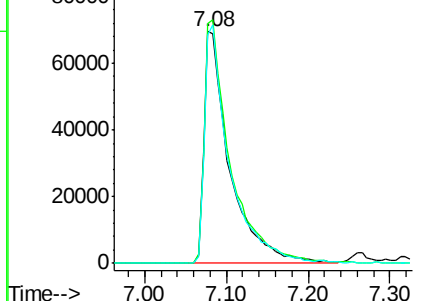
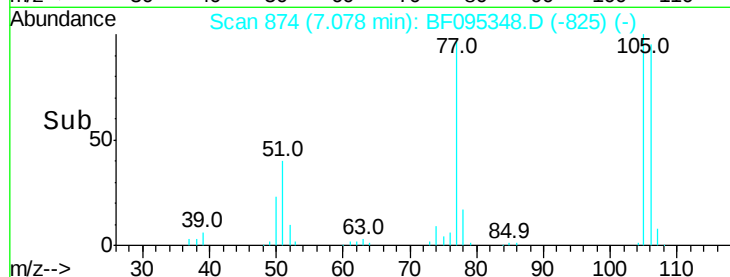
106 98.3 79.1 119.1



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: 48.39 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

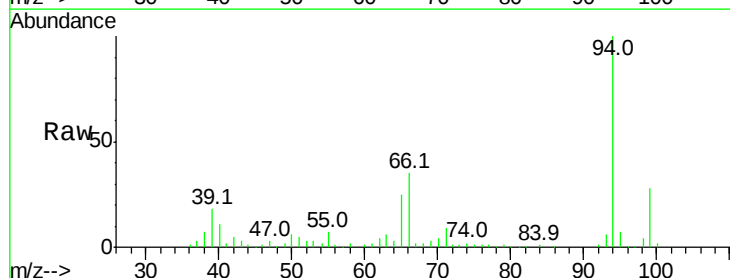
Tgt Ion: 94 Resp: 337443

Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

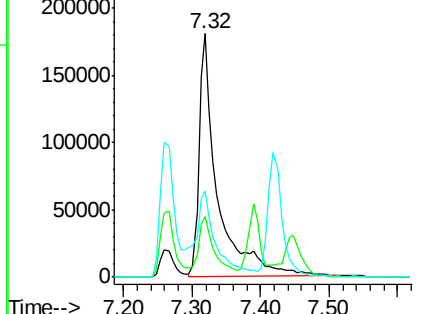
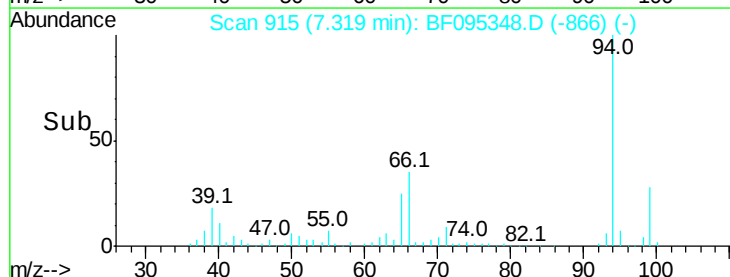
66 35.3 23.1 63.1

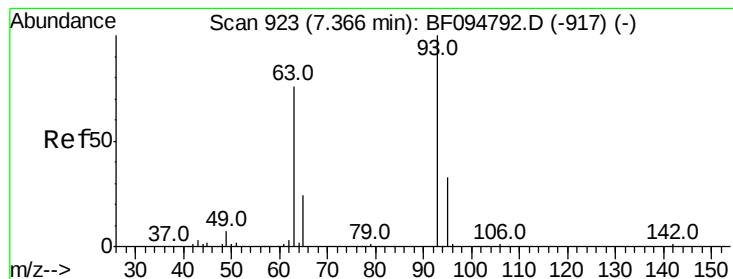


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



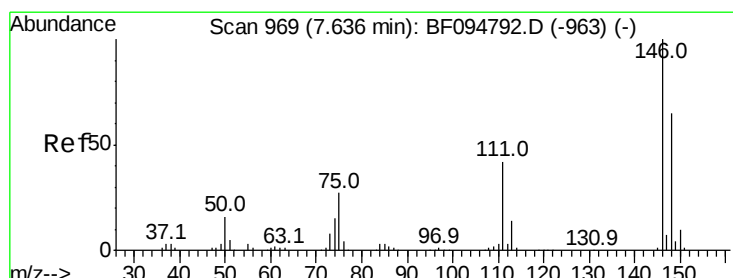
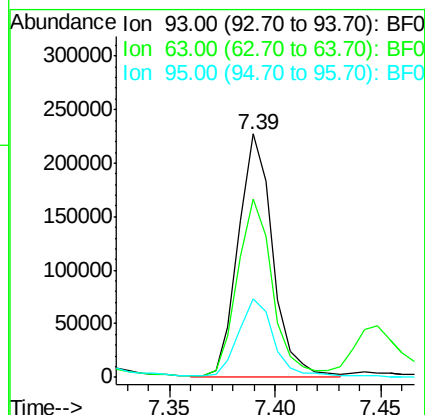
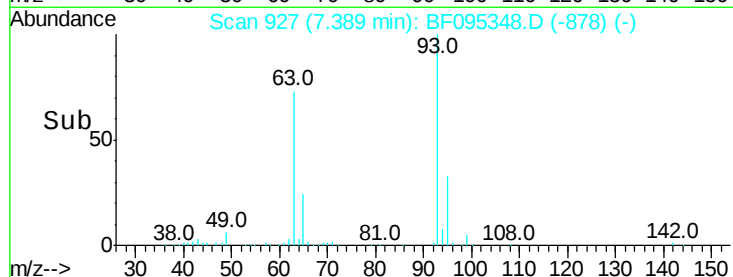
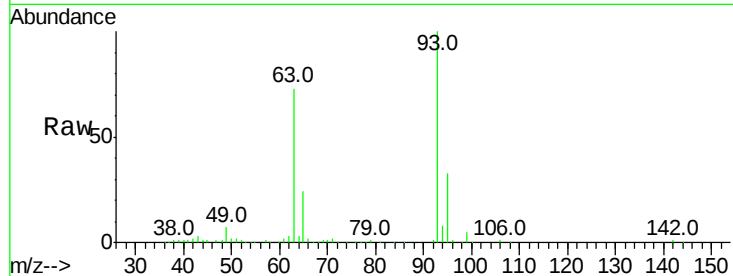


#11
 bis(2-Chloroethyl)ether
 Concen: 44.77 ng
 RT: 7.39 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 257744

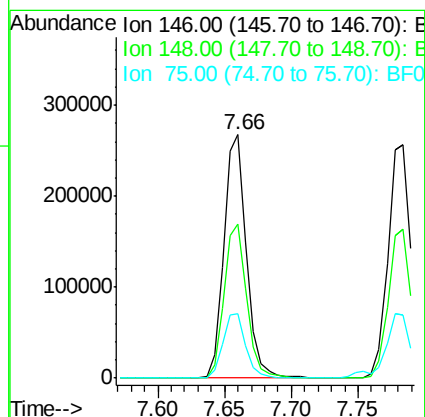
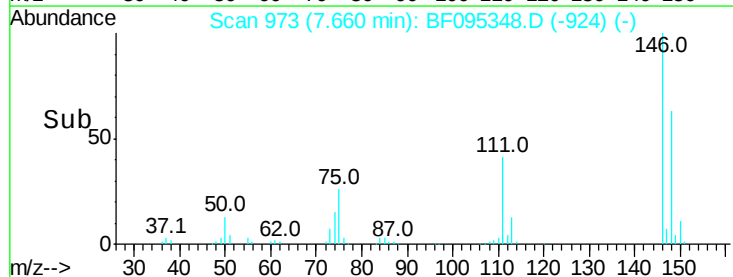
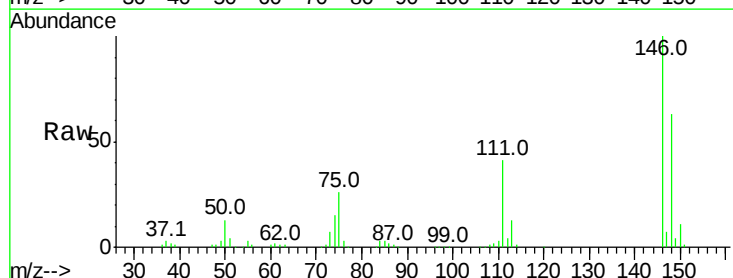
Ion	Ratio	Lower	Upper
93	100		
63	73.4	59.2	99.2
95	32.5	12.8	52.8

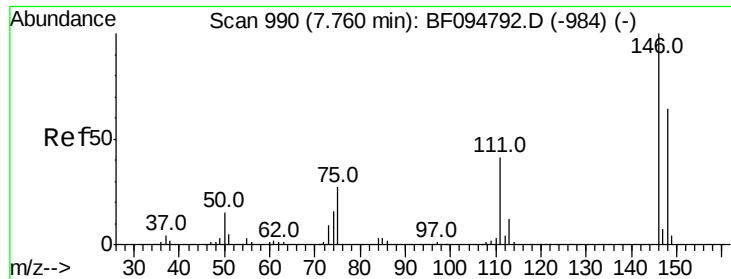


#12
 1,3-Dichlorobenzene
 Concen: 44.68 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion: 146 Resp: 318189

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	26.4	23.1	34.7

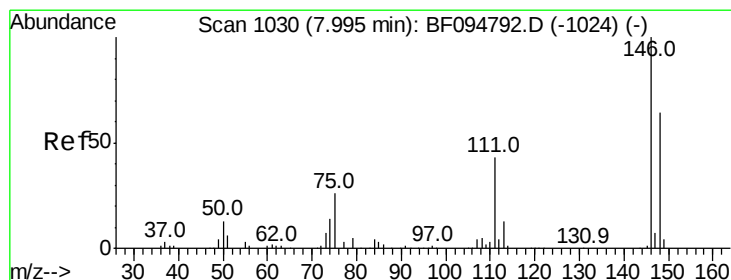
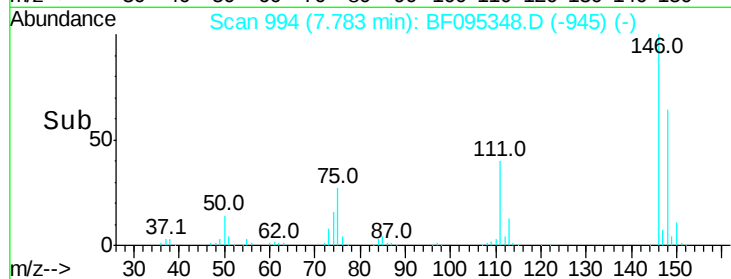
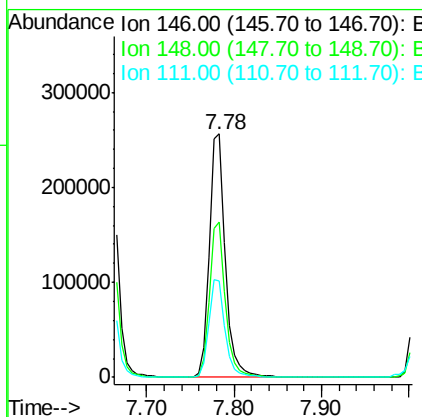
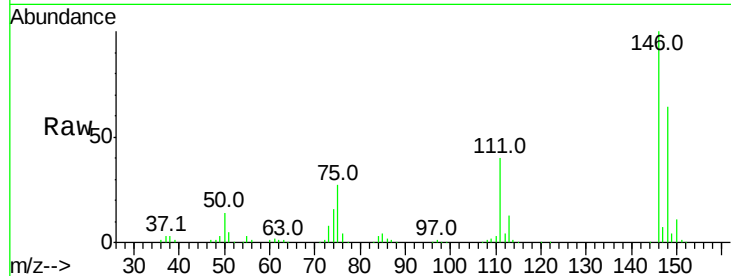




#13
 1,4-Dichlorobenzene
 Concen: 45.39 ng
 RT: 7.78 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

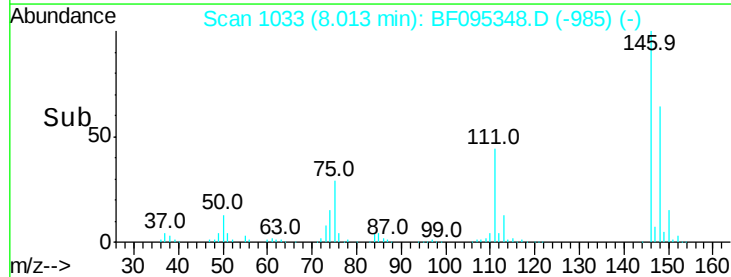
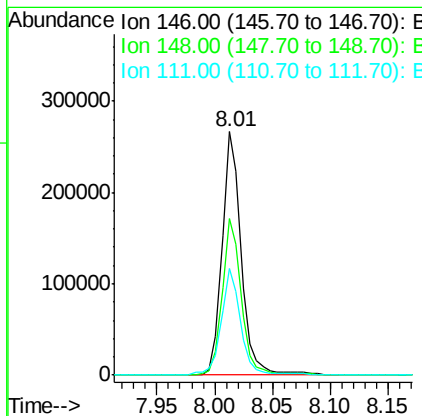
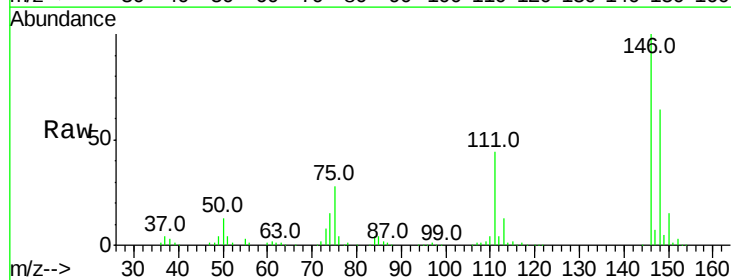
Instrument :
 BNA_F
 ClientSampleId :

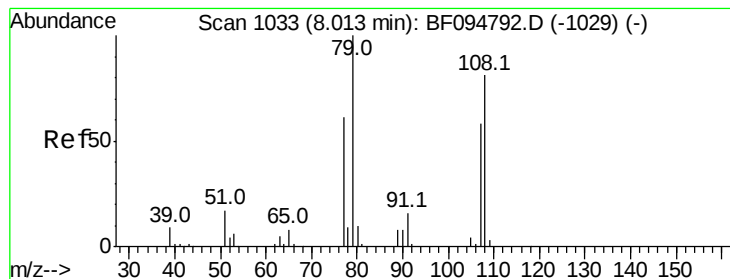
Tot Ion:146 Resp: 327773
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 39.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 45.61 ng
 RT: 8.01 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:146 Resp: 307456
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 43.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 49.37 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampled :

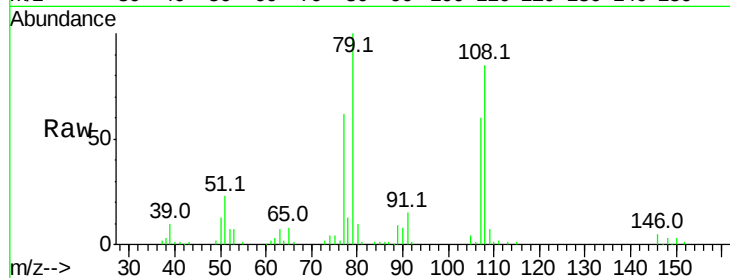
Tot Ion: 79 Resp: 210158

Ion Ratio Lower Upper

79 100

108 85.3 63.4 95.0

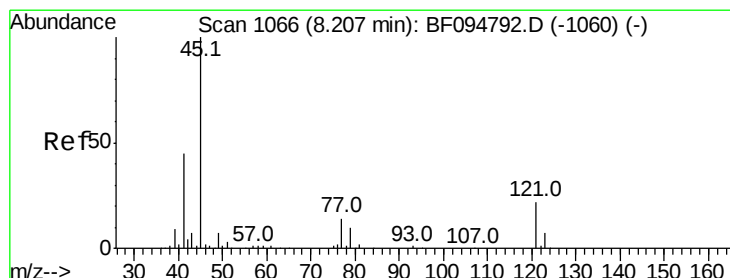
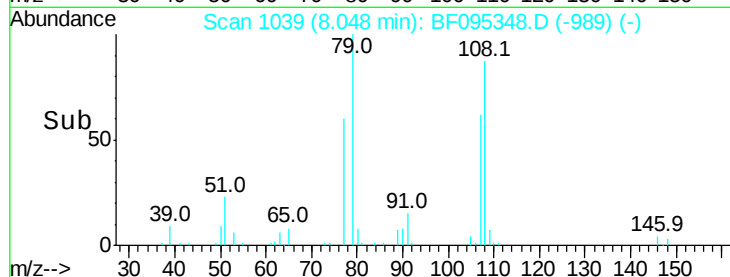
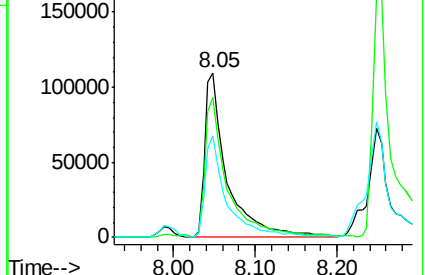
77 61.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.47 ng

RT: 8.24 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

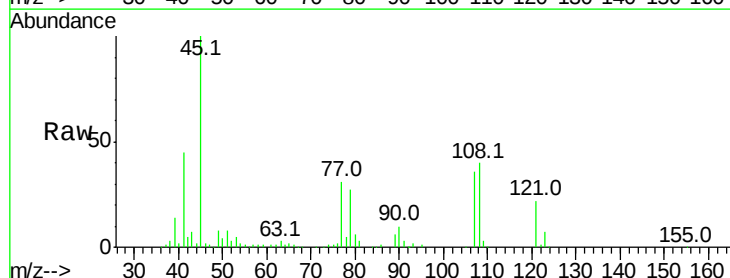
Tgt Ion: 45 Resp: 346059

Ion Ratio Lower Upper

45 100

77 30.9 0.0 33.2

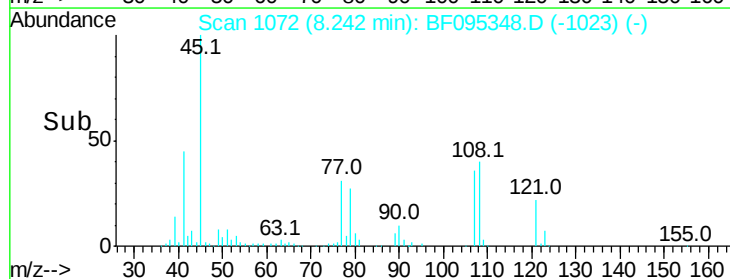
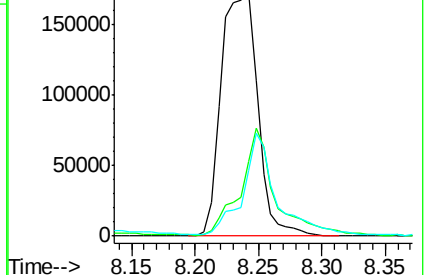
79 27.2 0.0 30.0

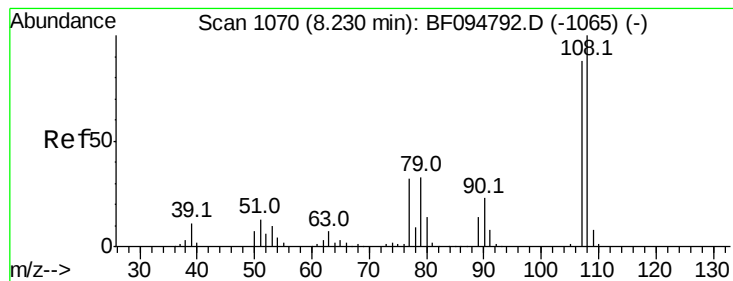


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

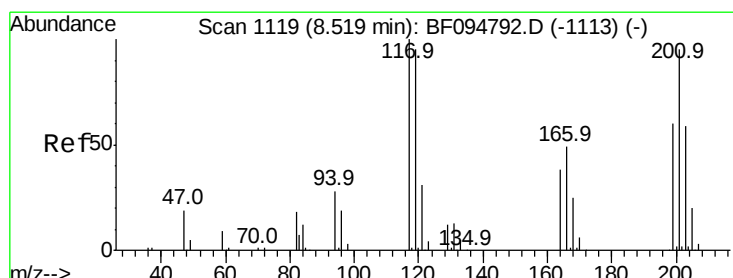
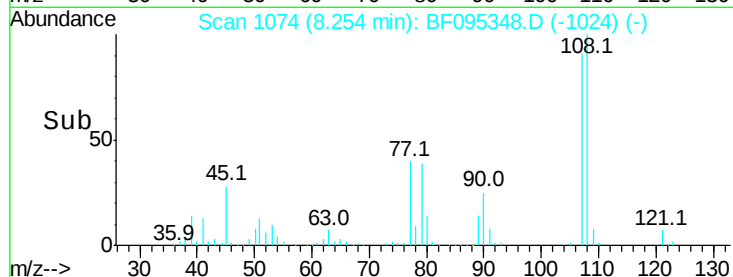
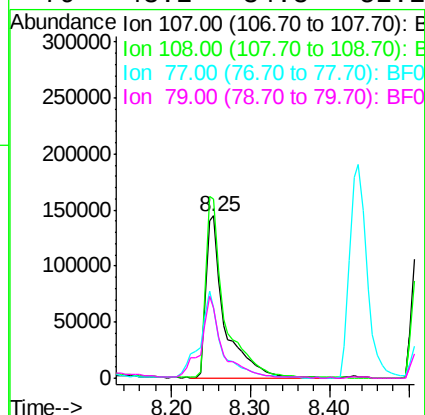
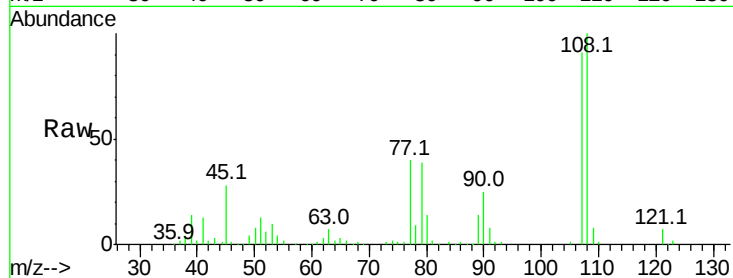




#17
 2-Methylphenol
 Concen: 46.38 ng
 RT: 8.25 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

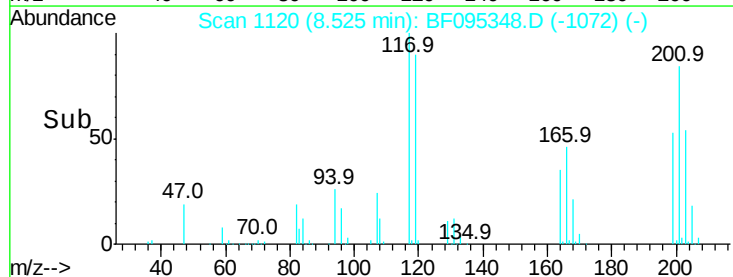
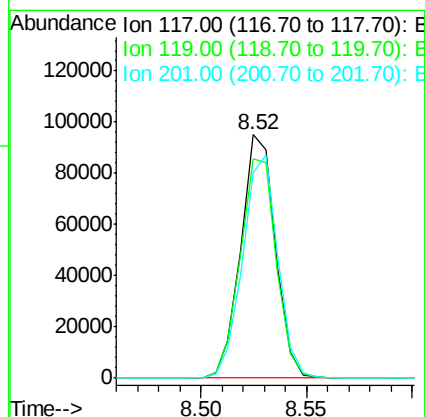
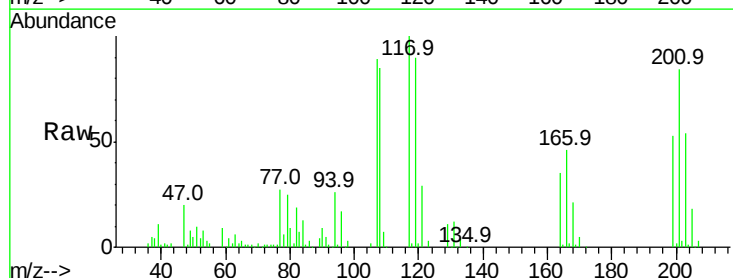
Instrument :
 BNA_F
 ClientSampleId :

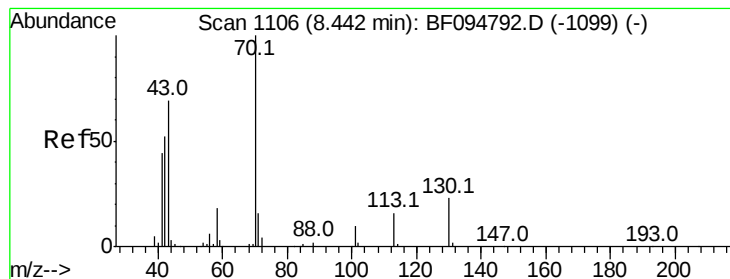
Tot Ion:	107	Resp:	238263
Ion	Ratio	Lower	Upper
107	100		
108	110.1	93.4	140.0
77	43.6	35.8	53.6
79	43.2	34.8	52.2



#18
 Hexachloroethane
 Concen: 44.12 ng
 RT: 8.52 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:	117	Resp:	107934
Ion	Ratio	Lower	Upper
117	100		
119	90.2	77.4	116.0
201	84.3	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 45.13 ng

RT: 8.47 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 201995

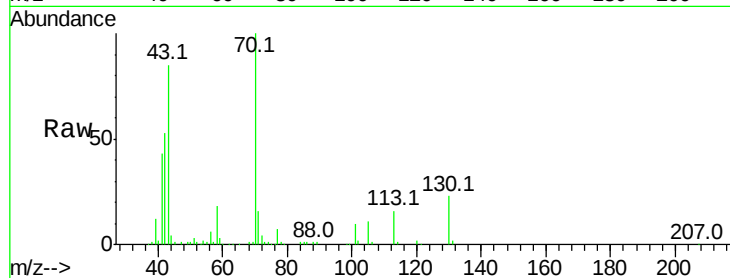
Ion Ratio Lower Upper

70 100

42 52.9 47.2 70.8

101 10.1 7.2 10.8

130 23.0 15.9 23.9



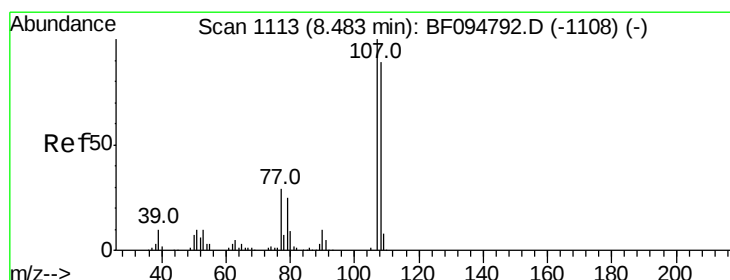
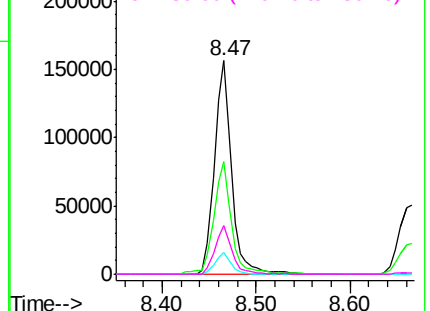
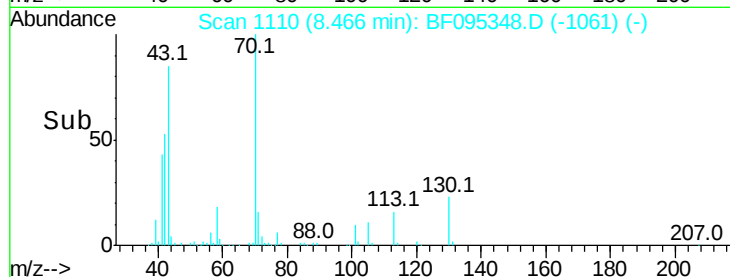
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 45.05 ng

RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Tgt Ion: 107 Resp: 314489

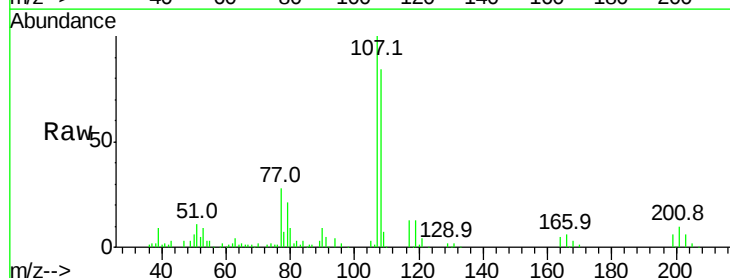
Ion Ratio Lower Upper

107 100

108 84.0 71.0 111.0

77 27.8 90.5 130.5#

79 21.2 8.4 48.4



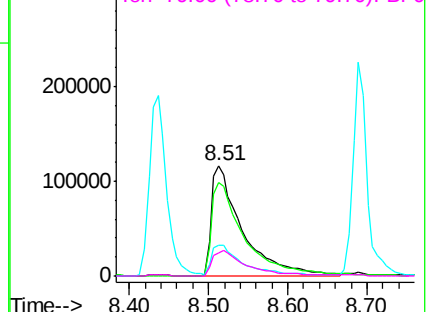
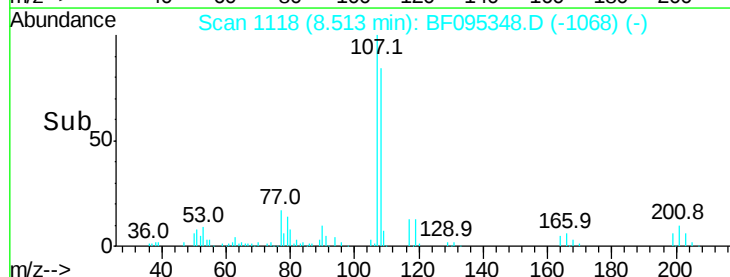
Abundance

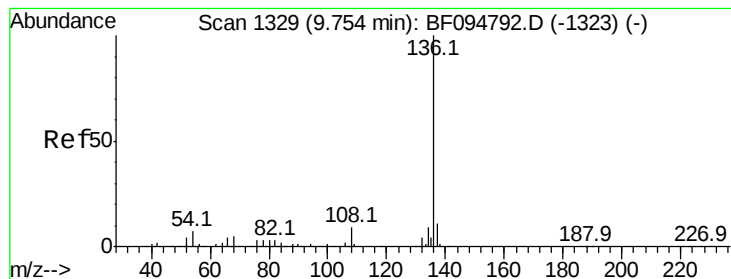
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 377319

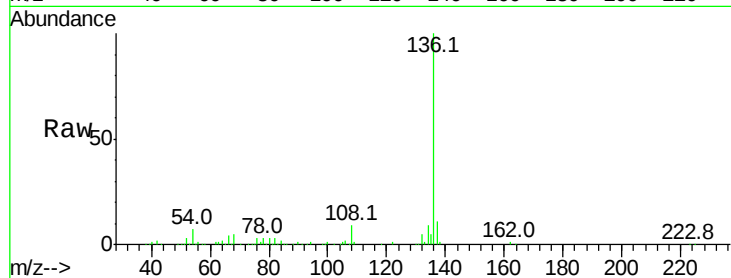
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

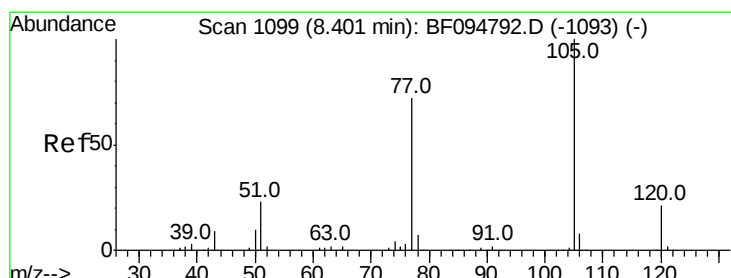
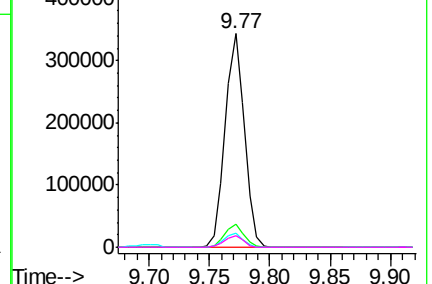
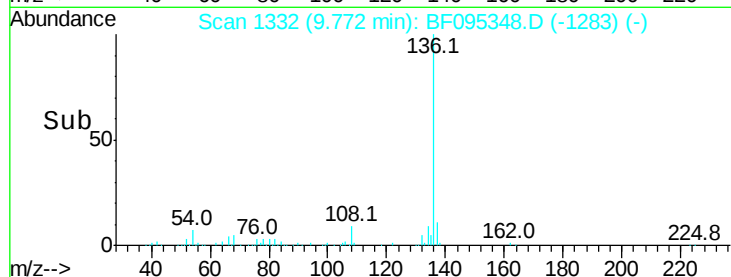


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.30 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Tgt Ion:105 Resp: 401085

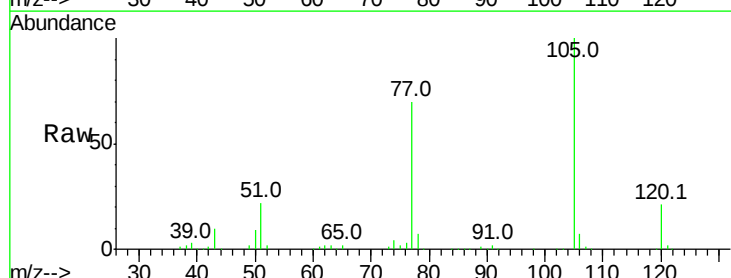
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.5 30.7 46.1#

120 21.0 17.4 26.0

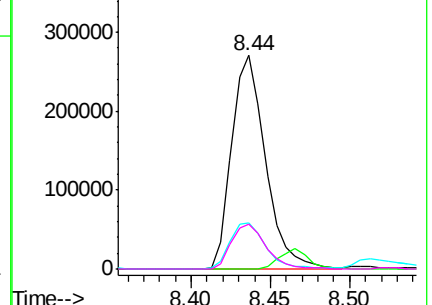
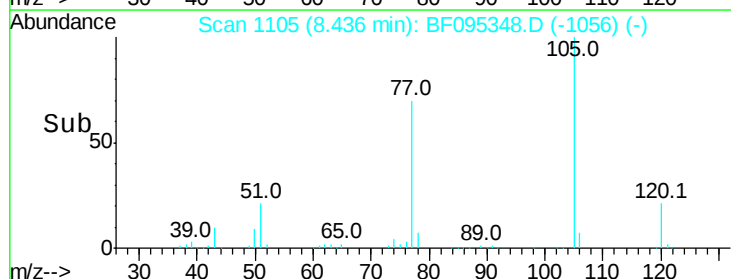


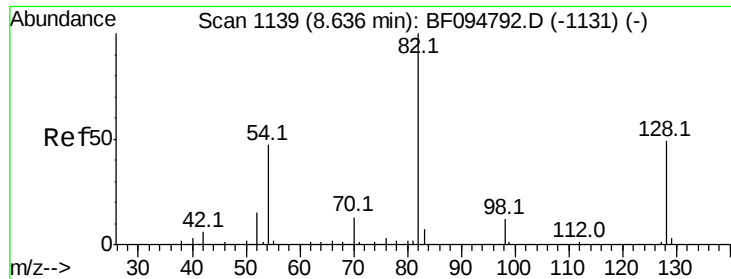
Abundance Ion 105.00 (104.70 to 105.70): E

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

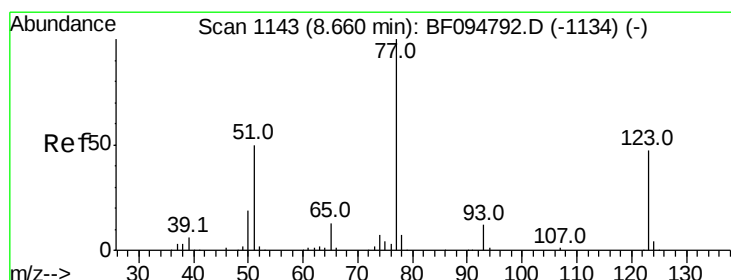
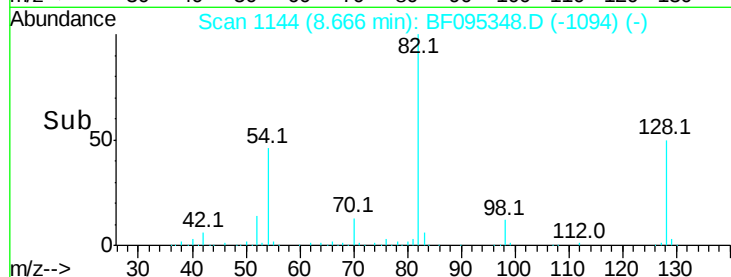
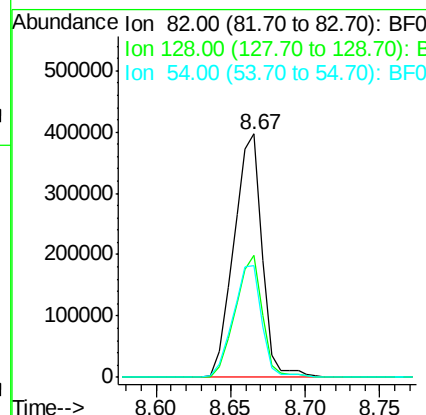
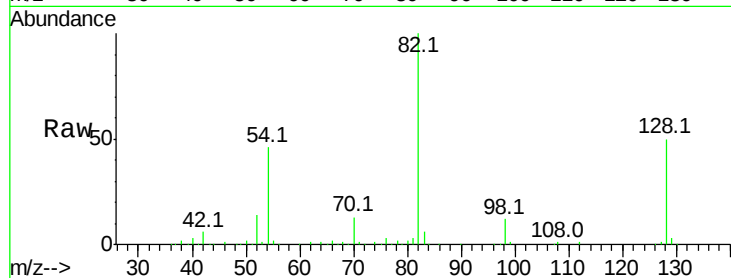




#23
 Nitrobenzene-d5
 Concen: 88.26 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

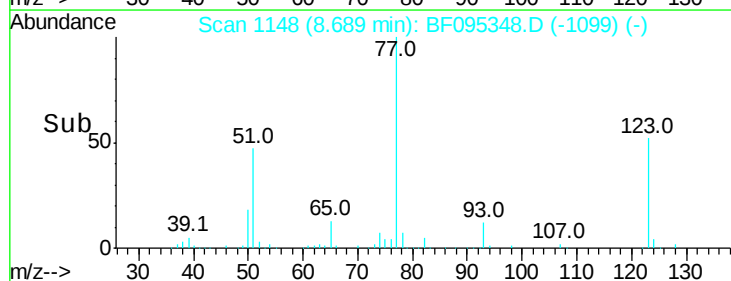
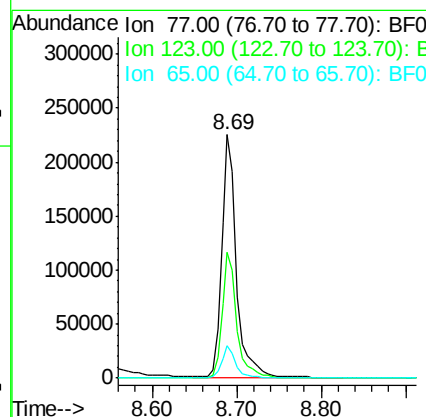
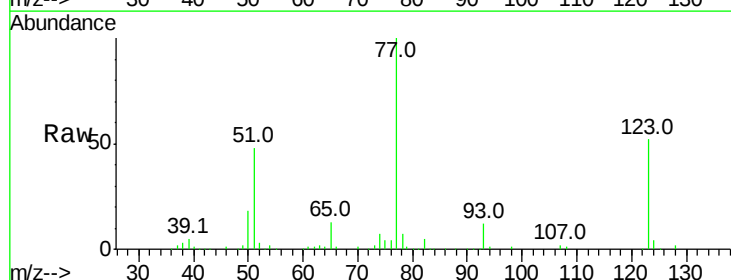
Instrument :
 BNA_F
 ClientSampleId :

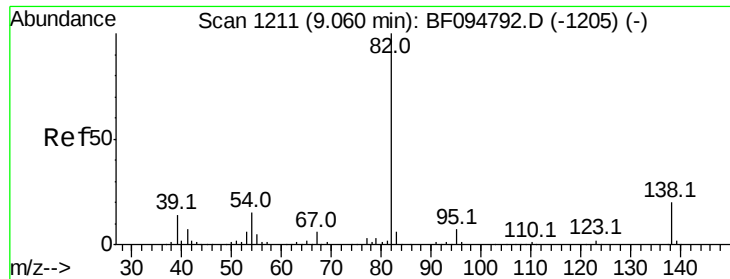
Tot Ion: 82 Resp: 528139
 Ion Ratio Lower Upper
 82 100
 128 50.0 34.0 51.0
 54 46.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 44.45 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion: 77 Resp: 278803
 Ion Ratio Lower Upper
 77 100
 123 51.9 35.8 53.8
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 45.51 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

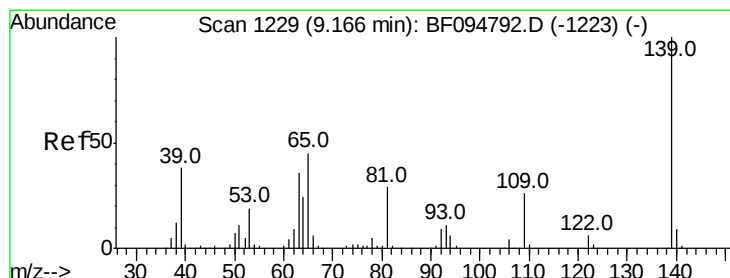
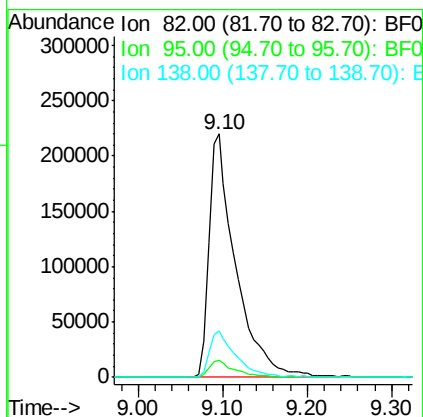
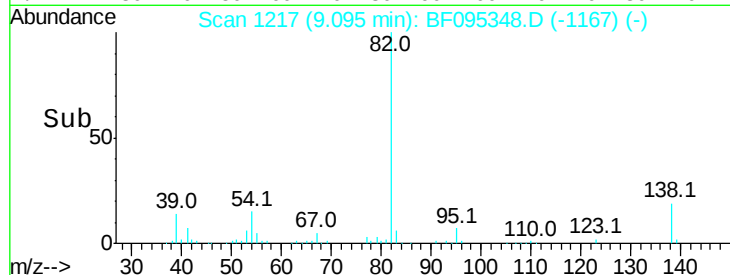
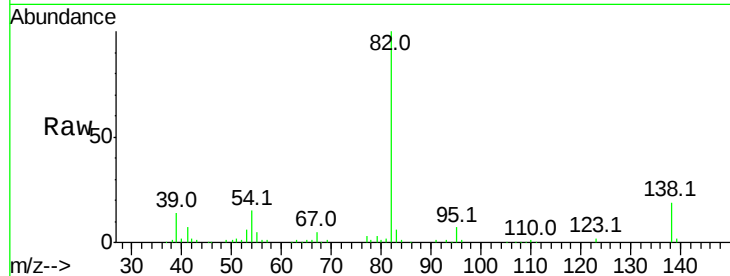
Tot Ion: 82 Resp: 486208

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 48.29 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

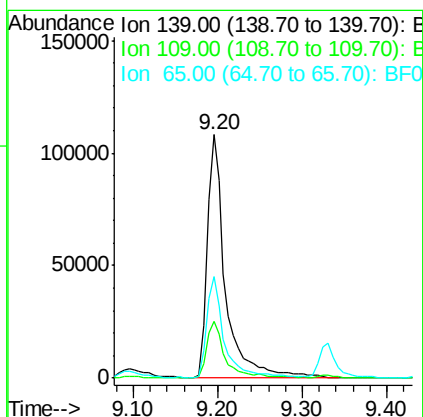
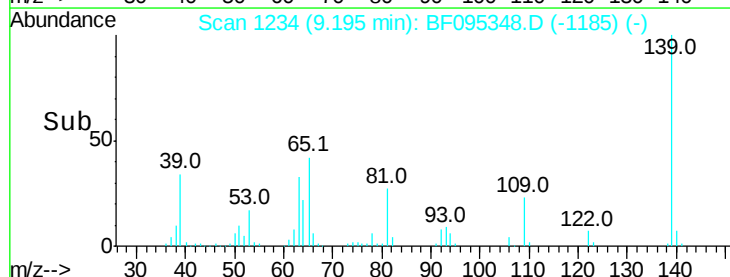
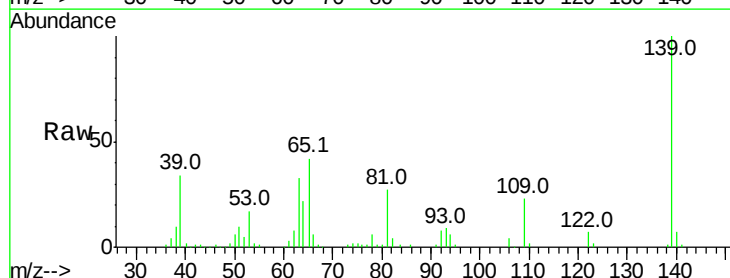
Tgt Ion:139 Resp: 163425

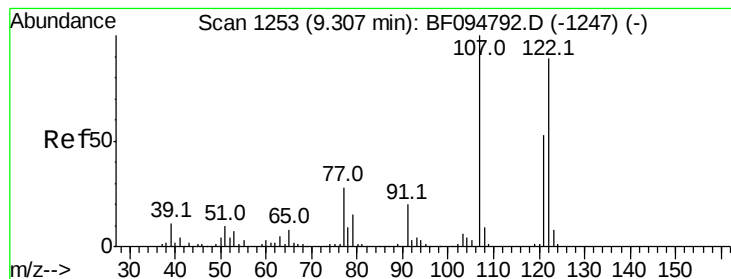
Ion Ratio Lower Upper

139 100

109 23.1 21.0 31.6

65 41.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 45.00 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampled :

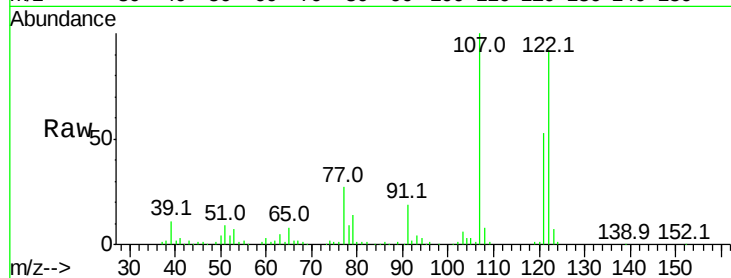
Tot Ion:122 Resp: 246202

Ion Ratio Lower Upper

122 100

107 109.0 89.2 133.8

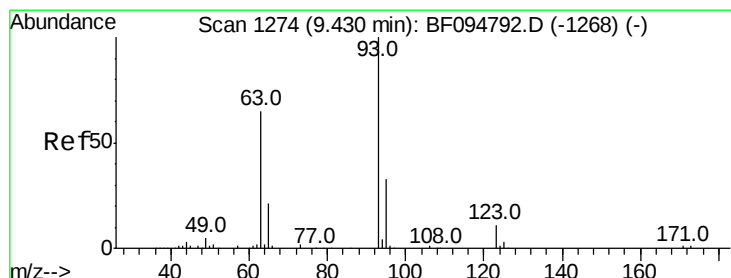
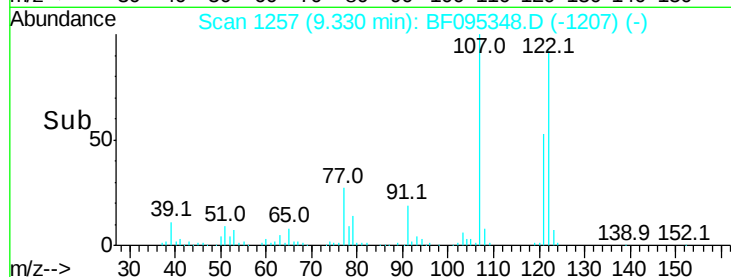
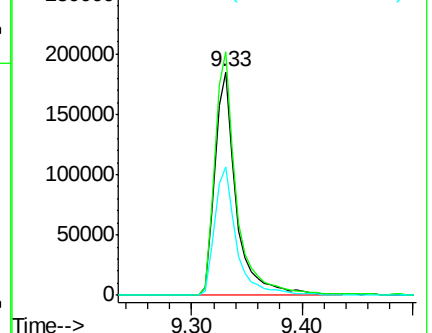
121 57.5 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.39 ng

RT: 9.45 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

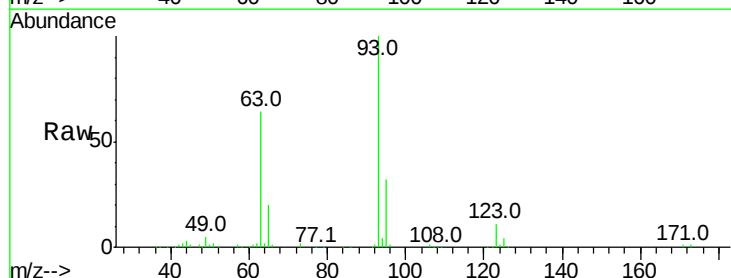
Tgt Ion: 93 Resp: 328100

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

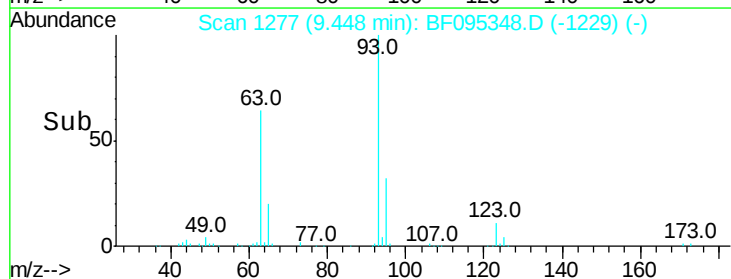
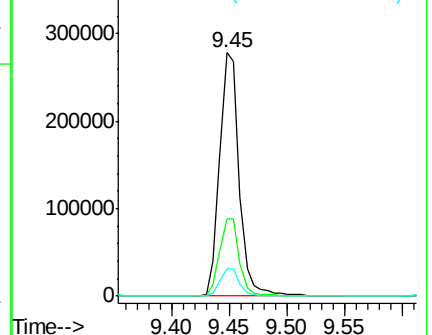
123 11.2 9.0 13.4

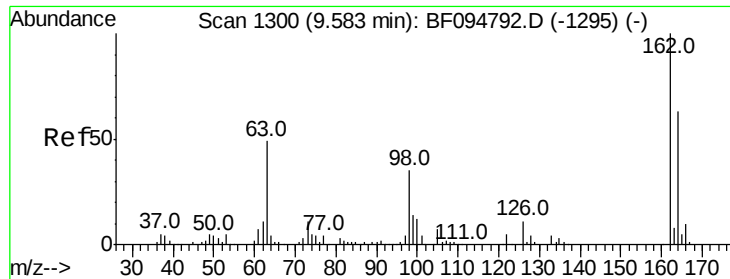


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

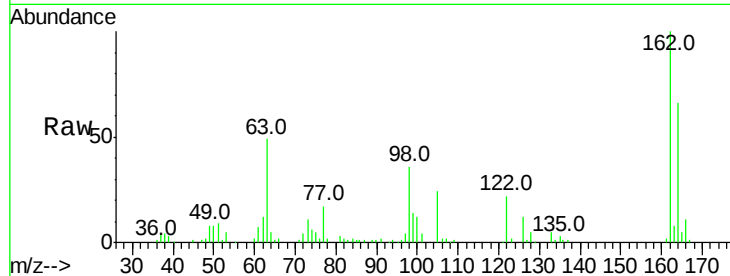




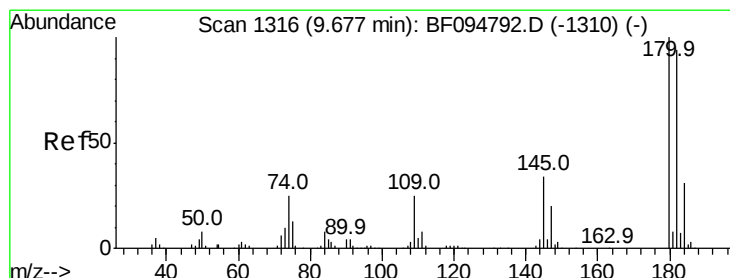
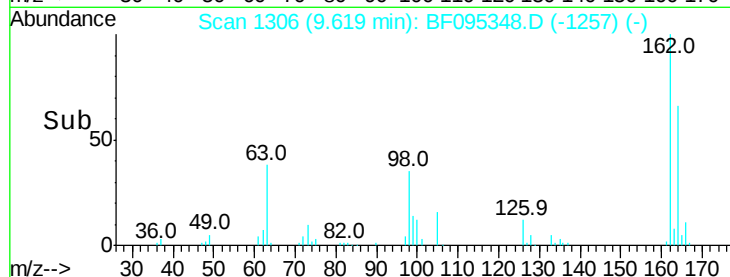
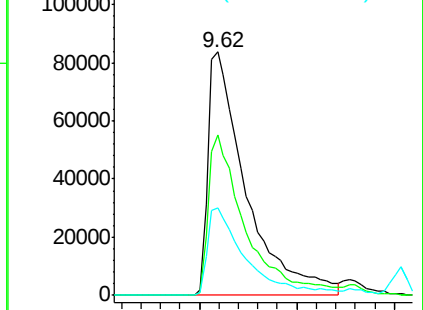
#29
 2,4-Dichlorophenol
 Concen: 43.92 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.6	84.6
98	35.7	14.8	54.8

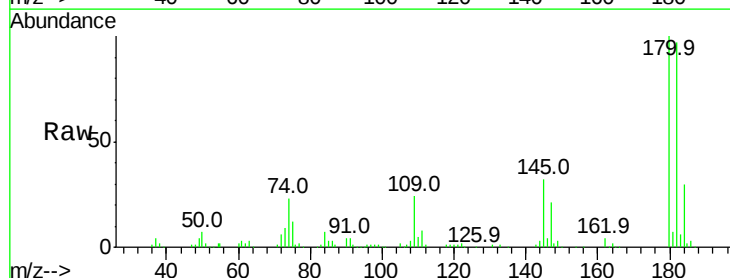


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

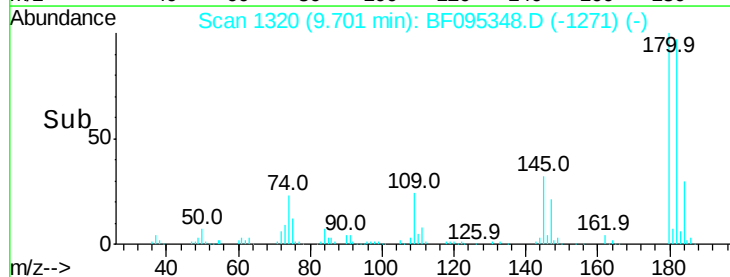
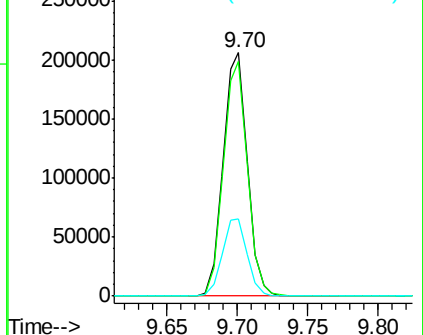


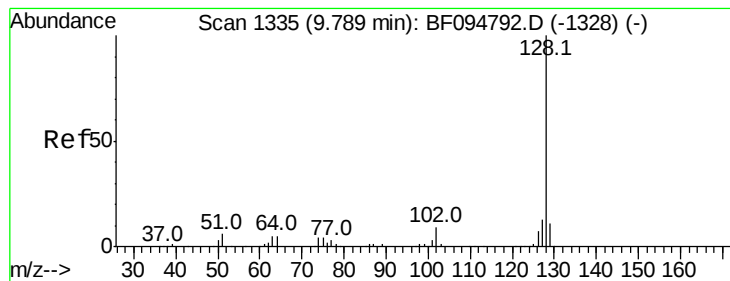
#30
 1,2,4-Trichlorobenzene
 Concen: 44.11 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.8	113.6
145	31.9	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.59 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampled :

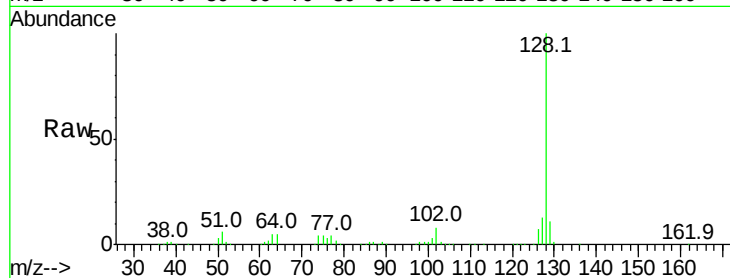
Tot Ion:128 Resp: 845691

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 13.2 10.8 16.2

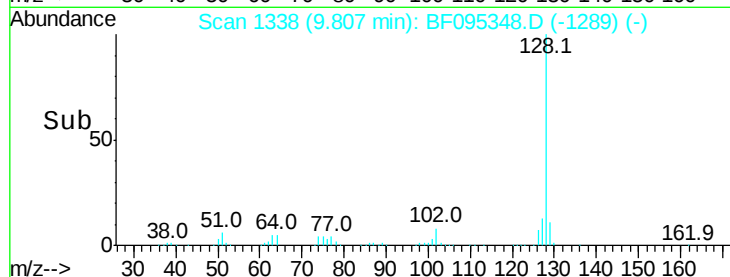


Abundance Ion 128.00 (127.70 to 128.70): E

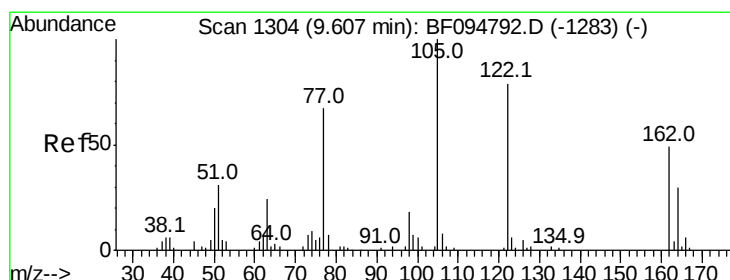
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



Time-->



#32

Benzoic acid

Concen: 38.24 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

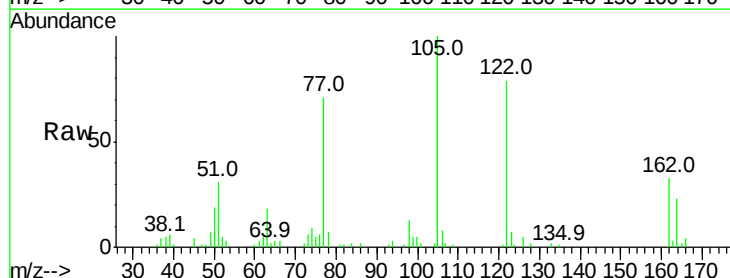
Tgt Ion:122 Resp: 133224

Ion Ratio Lower Upper

122 100

105 126.4 103.3 143.3

77 89.4 73.7 113.7

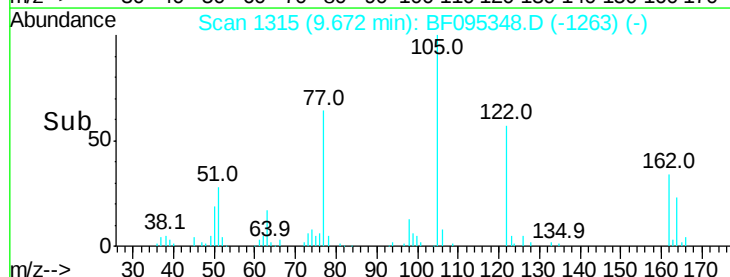


Abundance Ion 122.00 (121.70 to 122.70): E

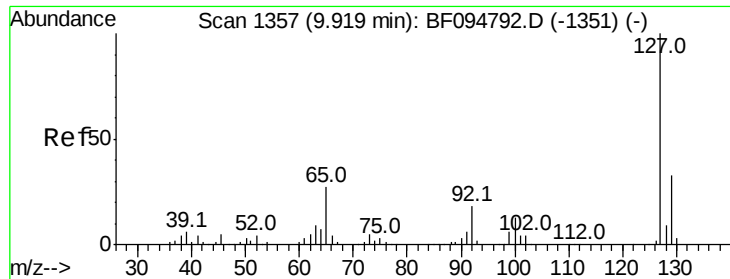
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



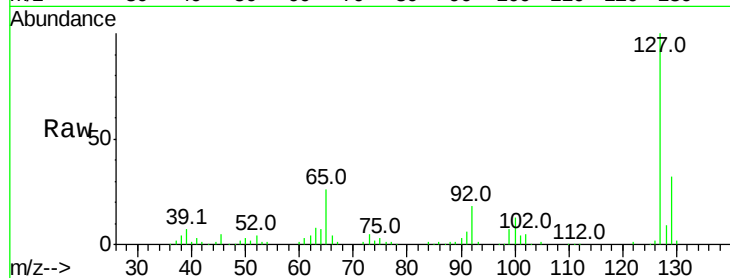
Time-->



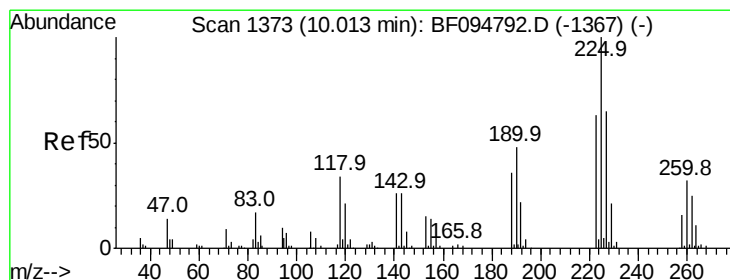
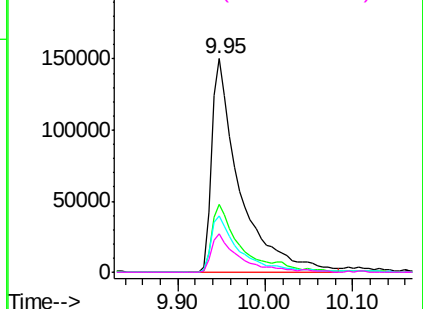
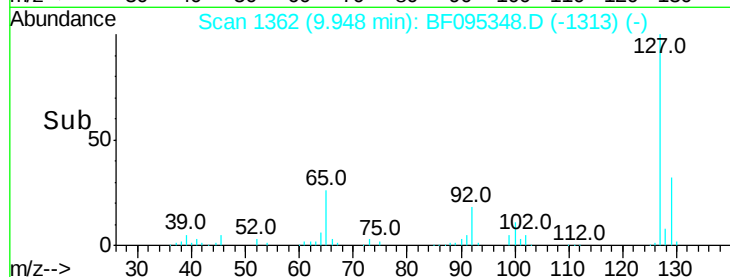
#33
 4-Chloroaniline
 Concen: 46.88 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	331330
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	26.3	27.8	41.8#
92	18.0	16.8	25.2

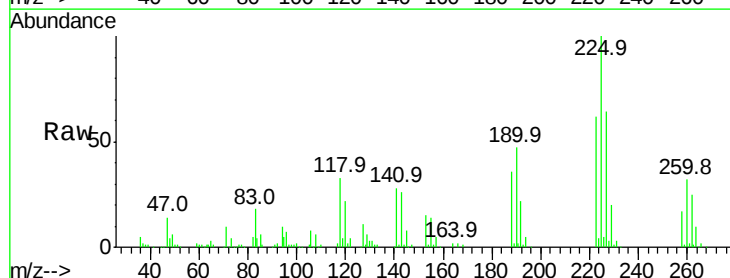


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

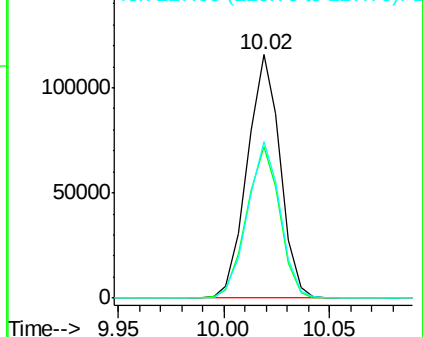
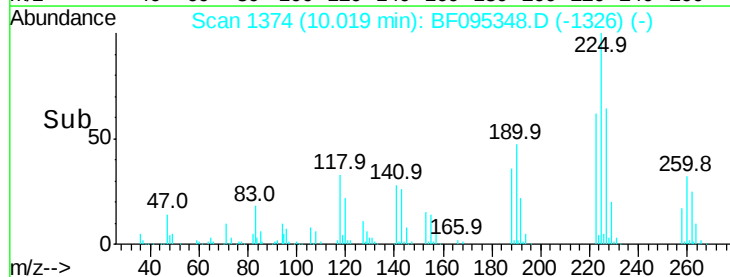


#34
 Hexachlorobutadiene
 Concen: 42.73 ng
 RT: 10.02 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:	225	Resp:	124802
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	64.4	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: 33.46 ng

RT: 10.60 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampled :

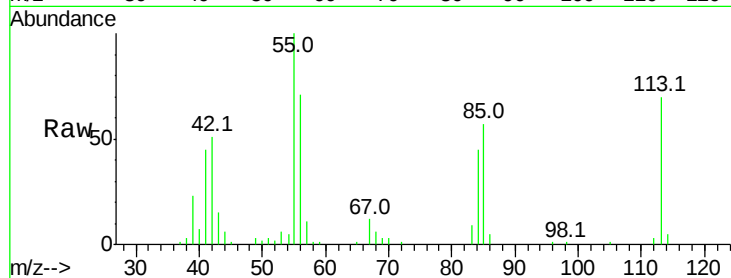
Tot Ion:113 Resp: 51909

Ion Ratio Lower Upper

113 100

55 143.7 150.2 190.2#

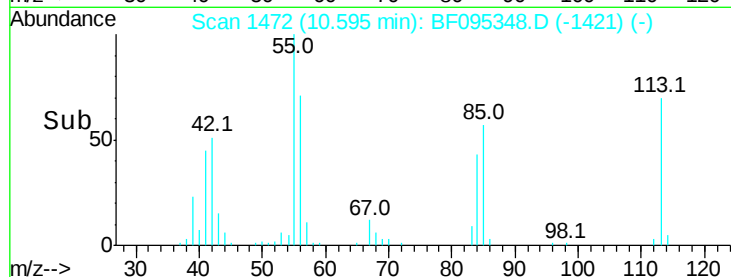
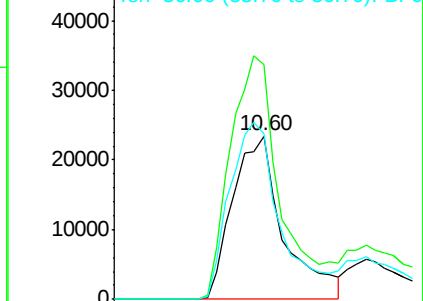
56 101.5 107.8 147.8#



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: 46.44 ng

RT: 10.80 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

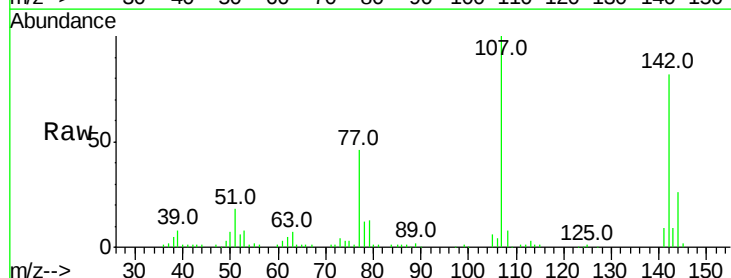
Tgt Ion:107 Resp: 256530

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

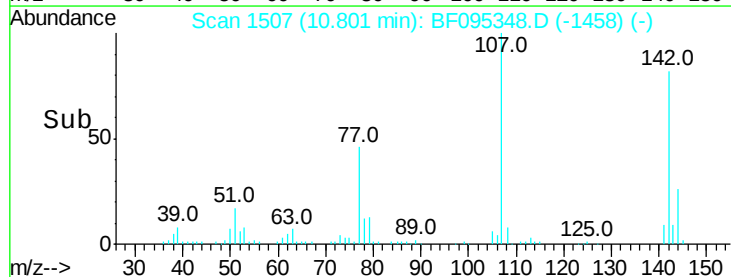
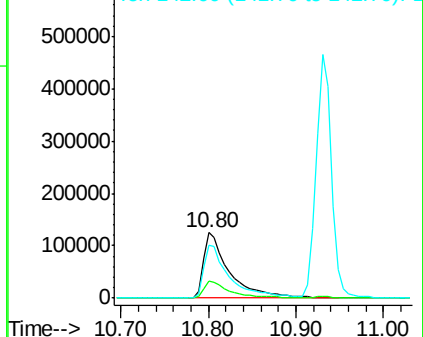
142 82.2 73.4 110.0

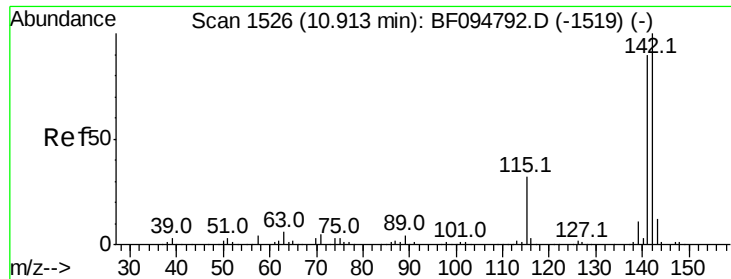


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

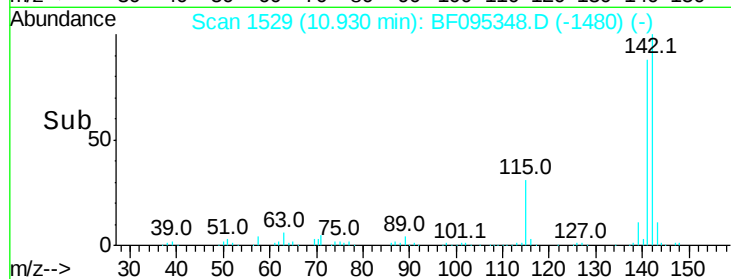
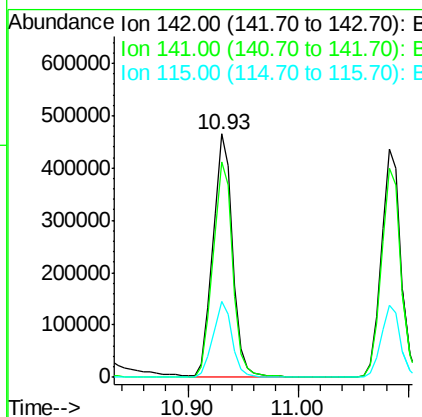
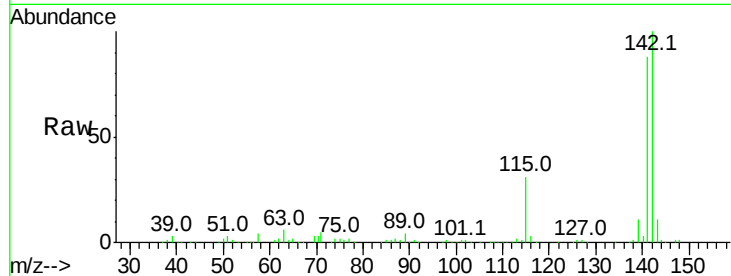




#37
2-Methylnaphthalene
Concen: 45.97 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

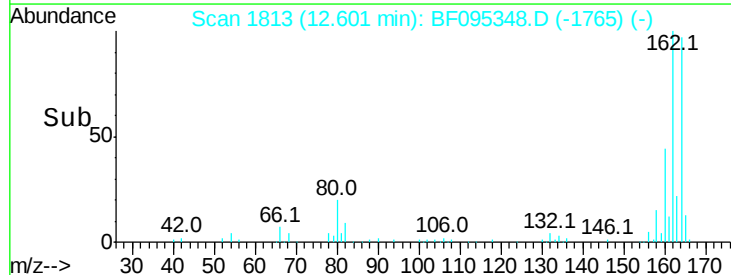
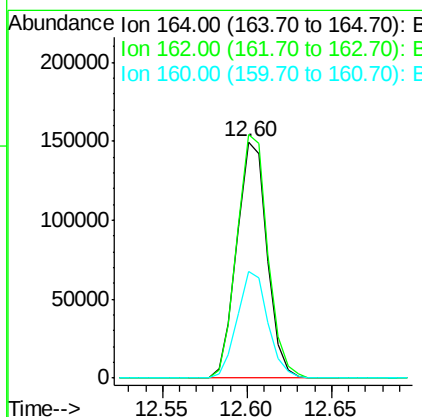
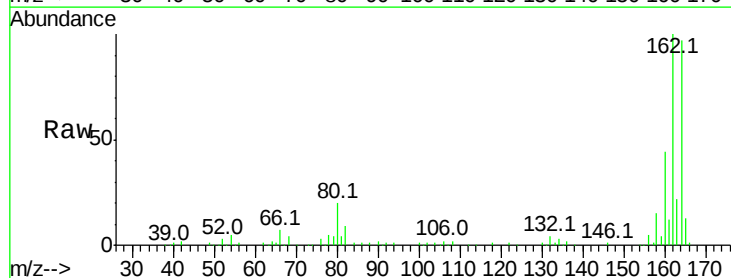
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 572167
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 31.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion:164 Resp: 187055
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.73 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 240035

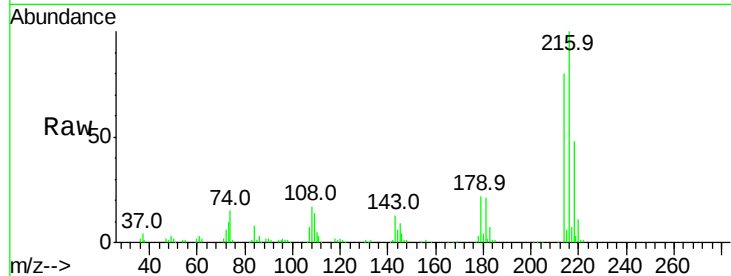
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 21.7 17.9 26.9

108 19.2 16.5 24.7

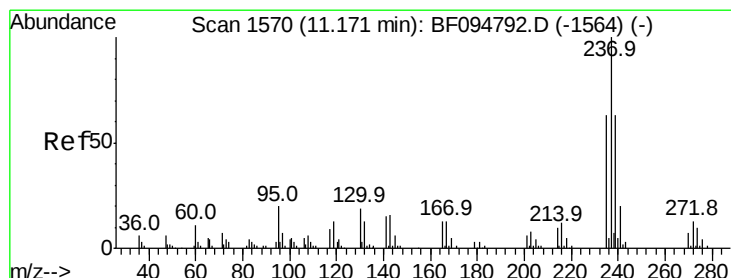
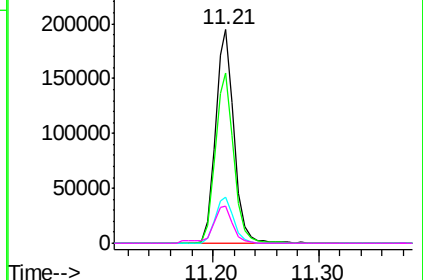
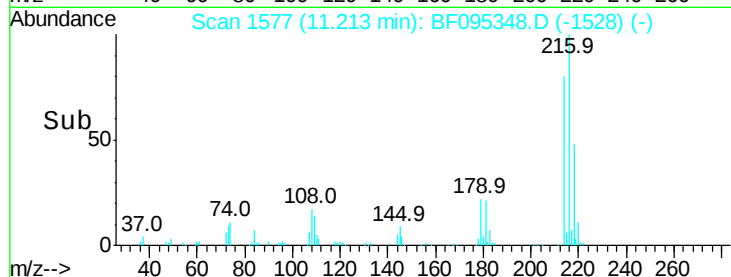


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.04 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

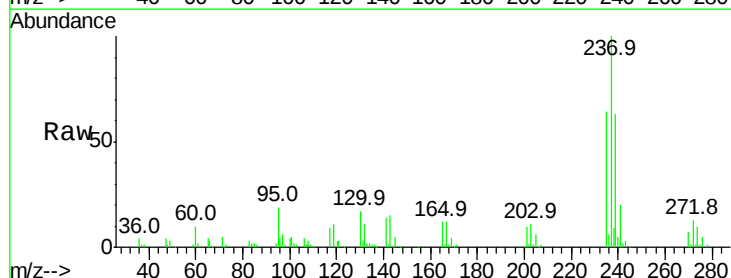
Tgt Ion:237 Resp: 94146

Ion Ratio Lower Upper

237 100

235 64.3 42.6 82.6

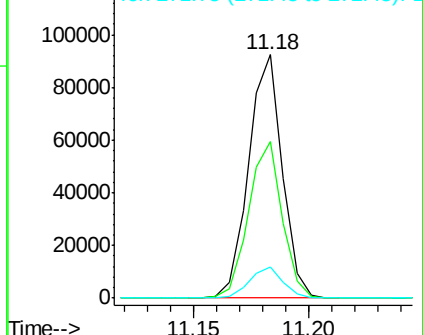
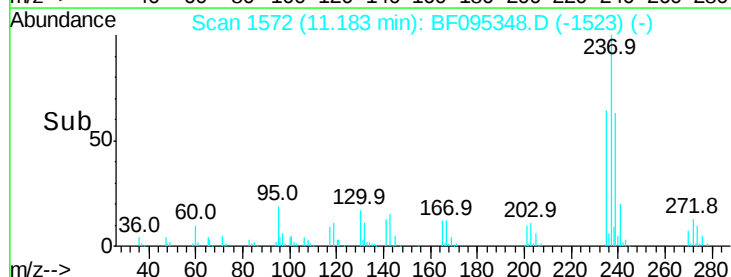
272 13.1 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

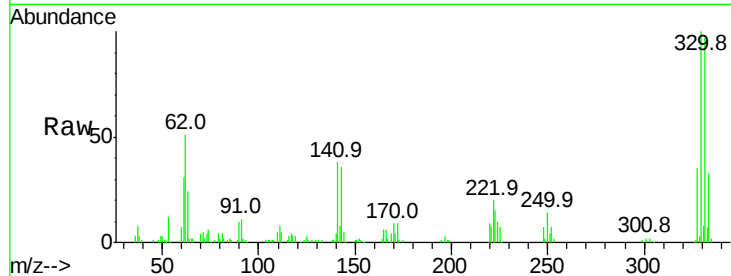




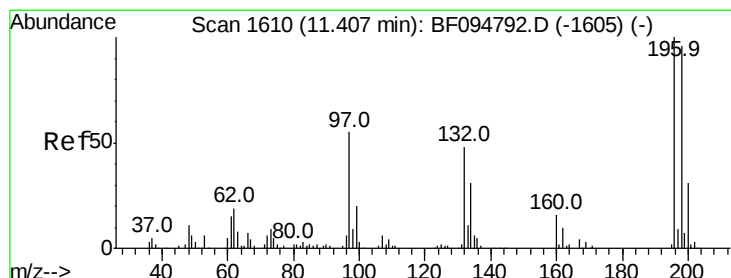
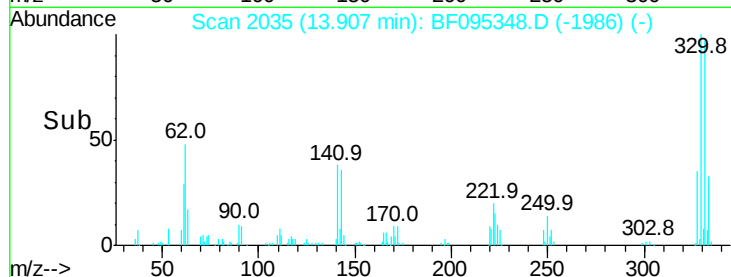
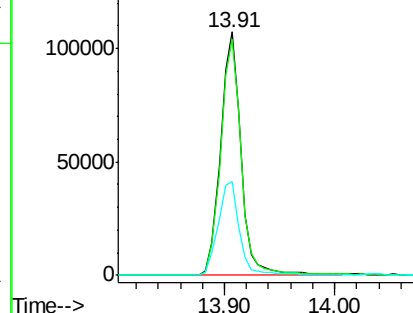
#41
 2,4,6-Tribromophenol
 Concen: 90.42 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	40.0	31.4	47.2

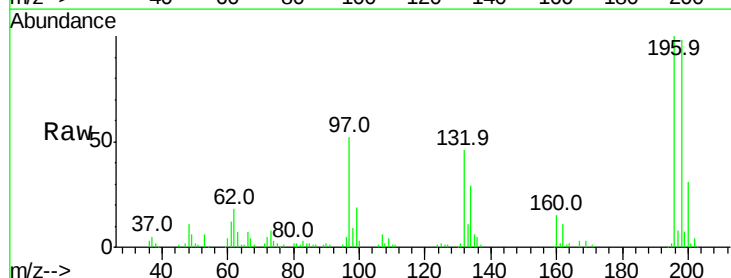


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

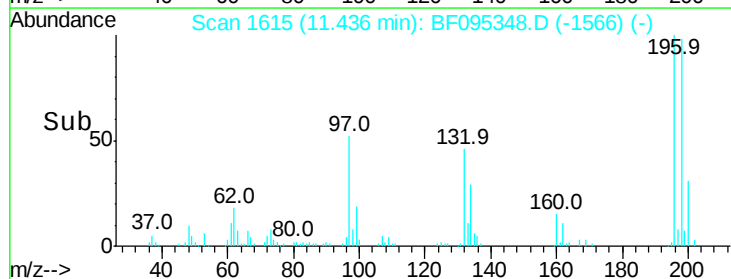
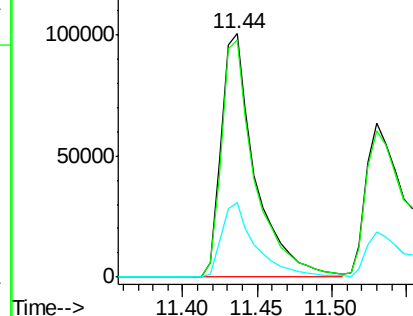


#42
 2,4,6-Trichlorophenol
 Concen: 41.68 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.2	111.4
200	30.7	24.0	36.0



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

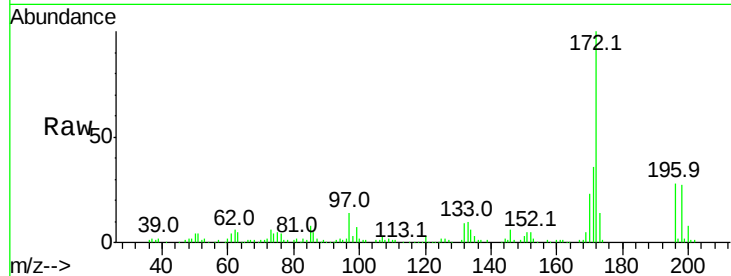




#43
 2,4,5-Trichlorophenol
 Concen: 38.55 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
97	47.7	47.7	71.5
132	32.3	28.0	42.0



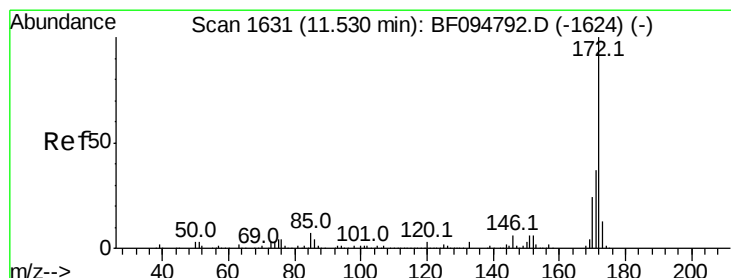
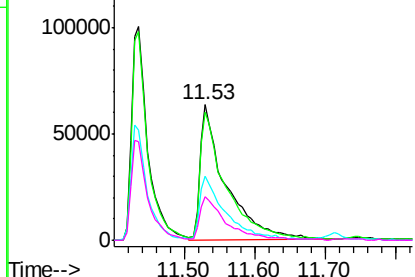
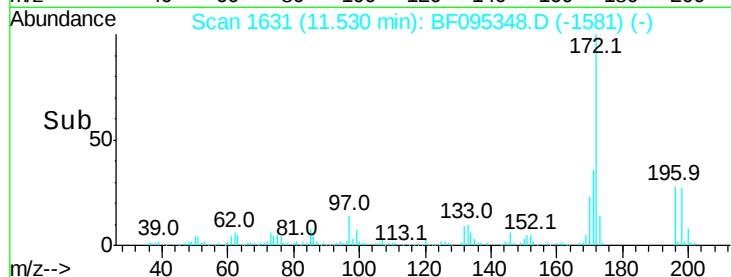
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

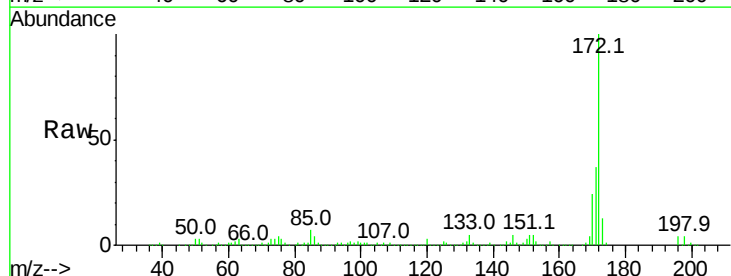
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	19.8	29.8

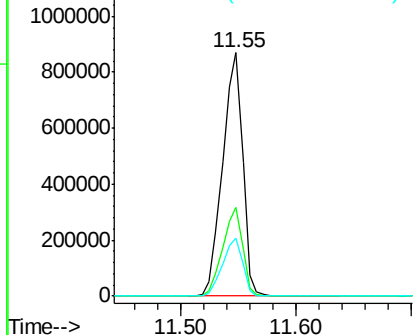
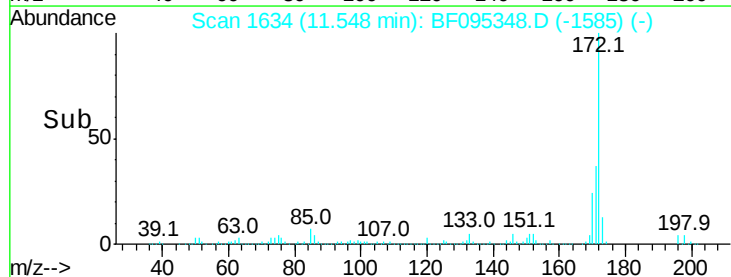


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.04 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

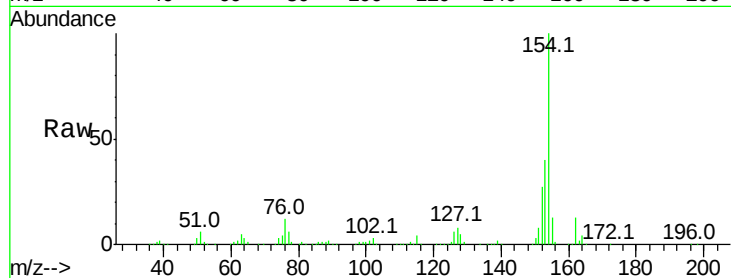
Tot Ion:154 Resp: 677771

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

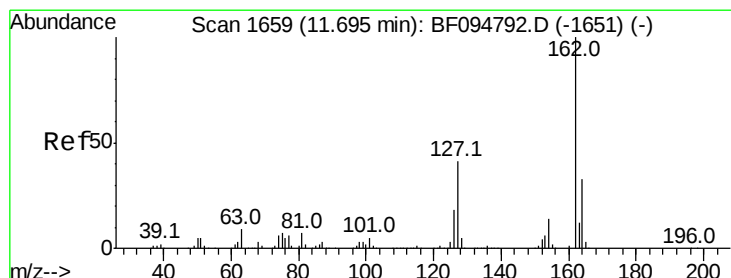
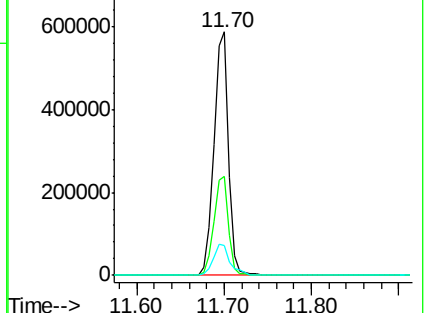
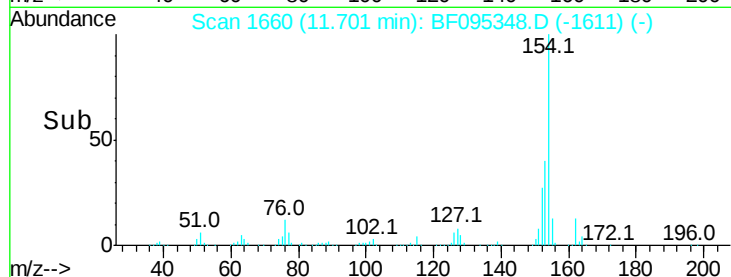
76 12.1 0.0 29.9



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: 42.85 ng

RT: 11.72 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

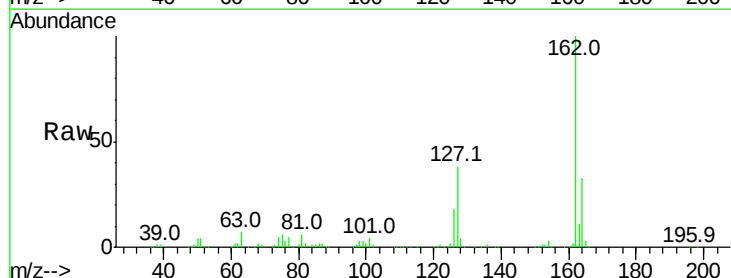
Tgt Ion:162 Resp: 544879

Ion Ratio Lower Upper

162 100

127 38.4 28.3 42.5

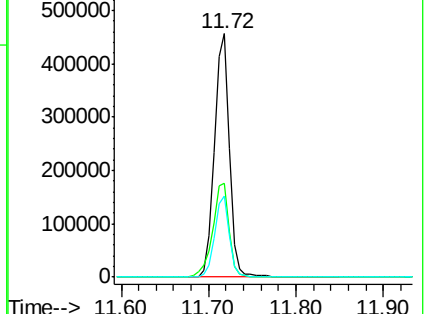
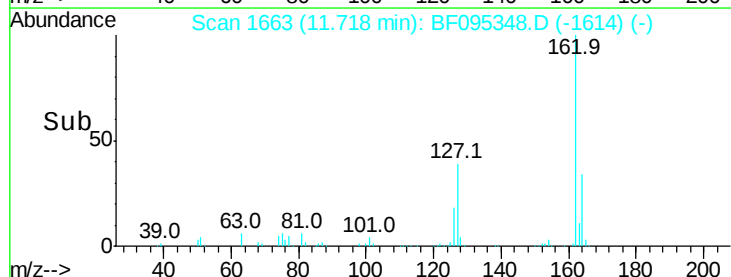
164 33.5 27.0 40.4



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: 44.25 ng

RT: 11.94 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

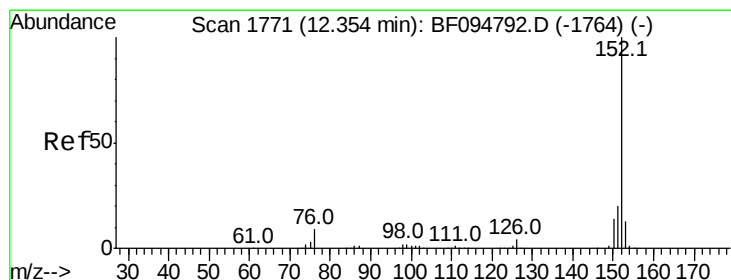
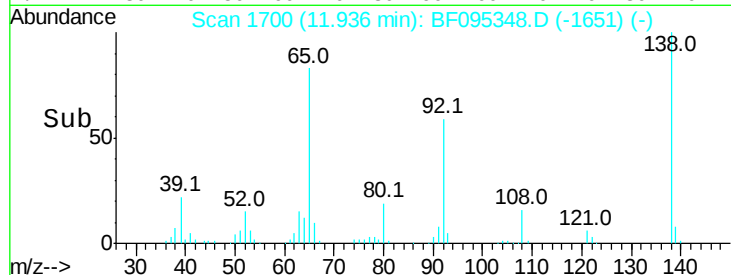
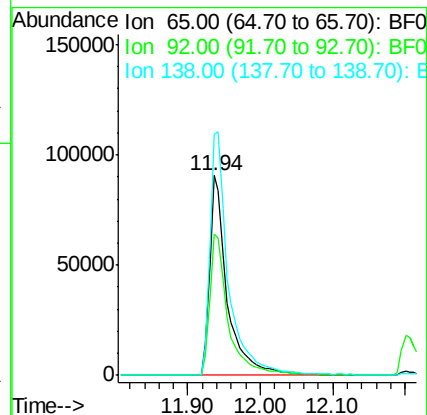
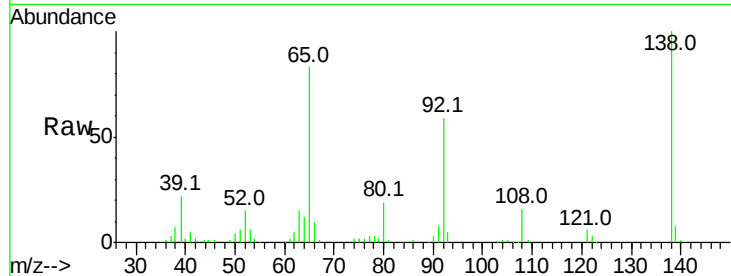
Tot Ion: 65 Resp: 154007

Ion Ratio Lower Upper

65 100

92 70.7 53.9 80.9

138 120.6 78.8 118.2#



#48

Acenaphthylene

Concen: 42.65 ng

RT: 12.38 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

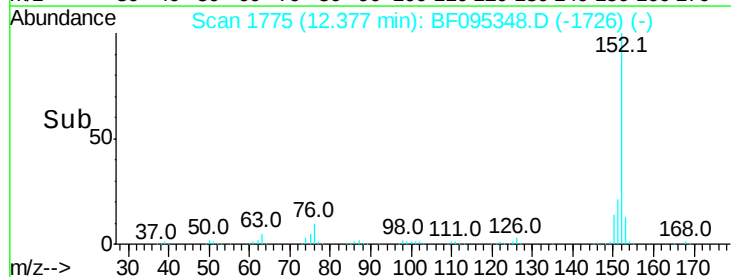
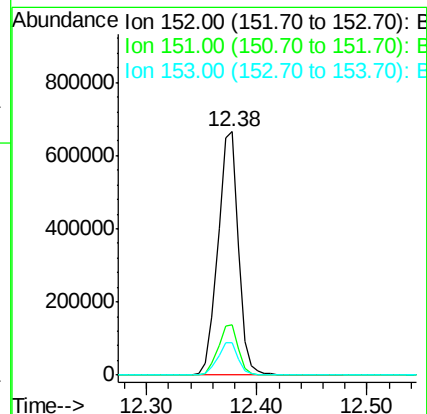
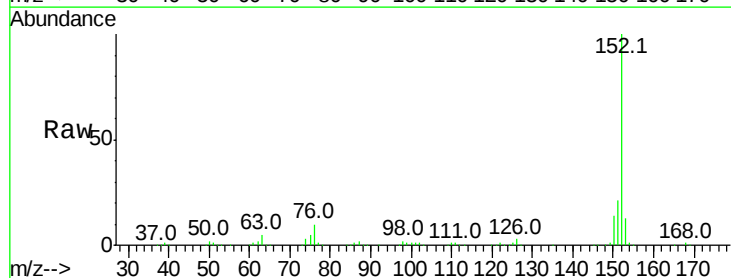
Tgt Ion: 152 Resp: 849430

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 41.04 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

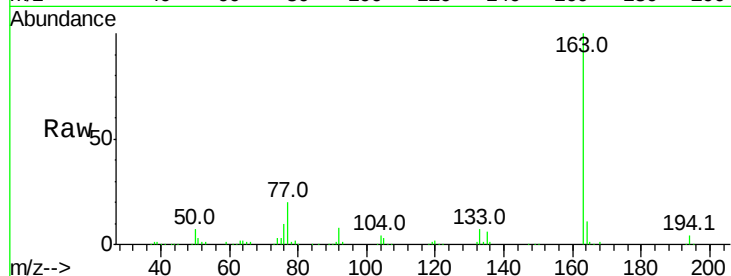
Tot Ion:163 Resp: 630167

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

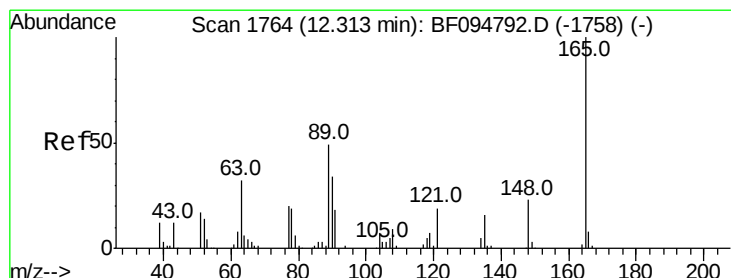
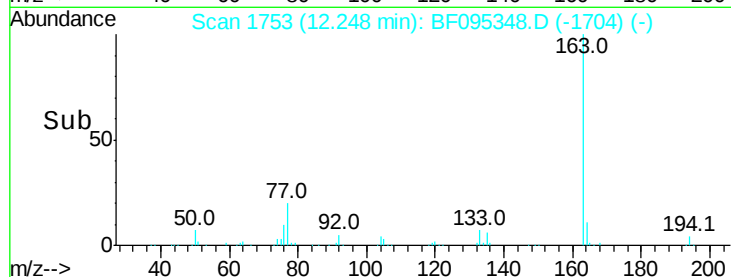
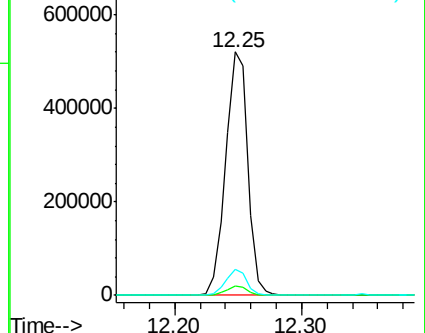
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.67 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

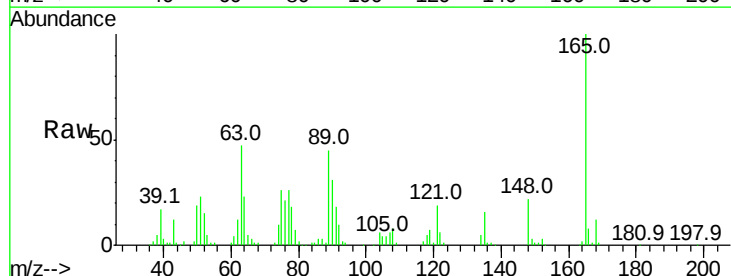
Tgt Ion:165 Resp: 136799

Ion Ratio Lower Upper

165 100

63 46.6 34.3 51.5

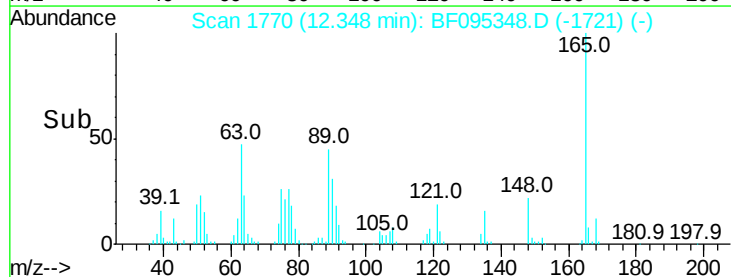
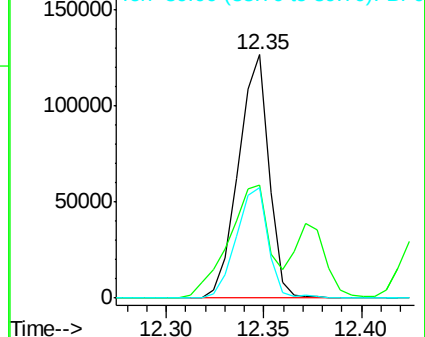
89 45.4 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.66 ng

RT: 12.66 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

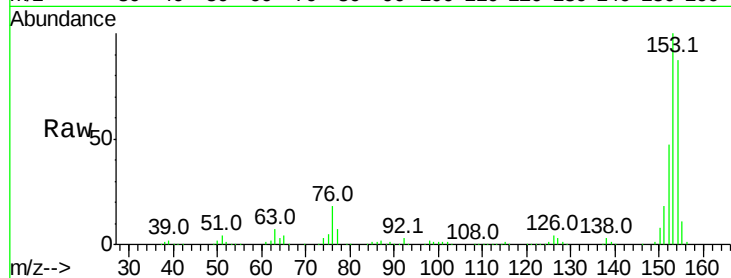
Tot Ion:154 Resp: 507568

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

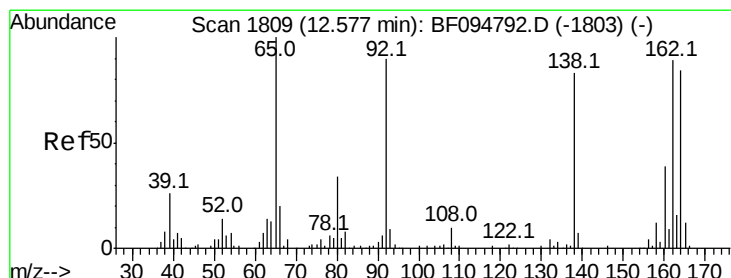
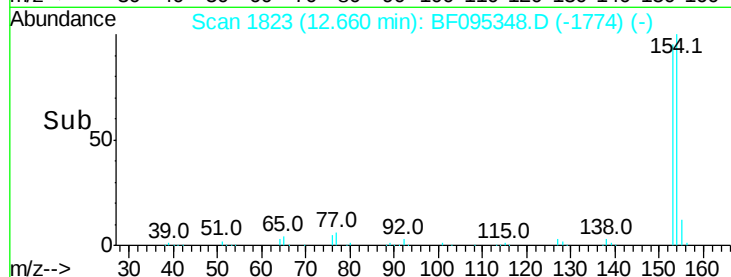
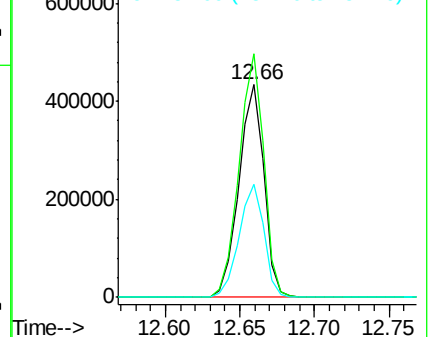
152 53.4 43.6 65.4



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: 45.37 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

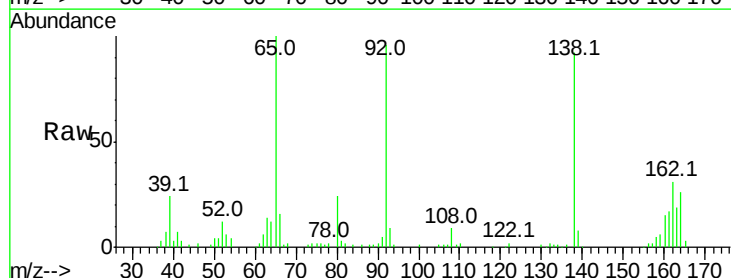
Tgt Ion:138 Resp: 152559

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

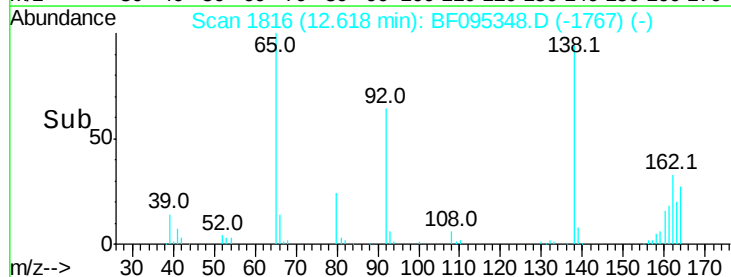
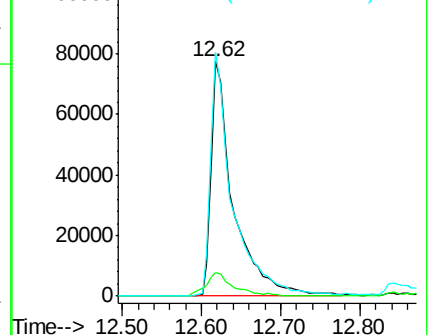
92 103.8 93.8 140.6

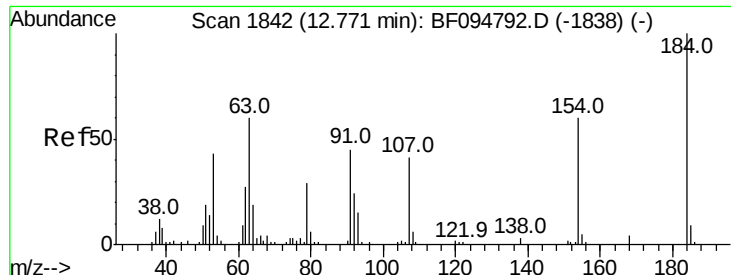


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

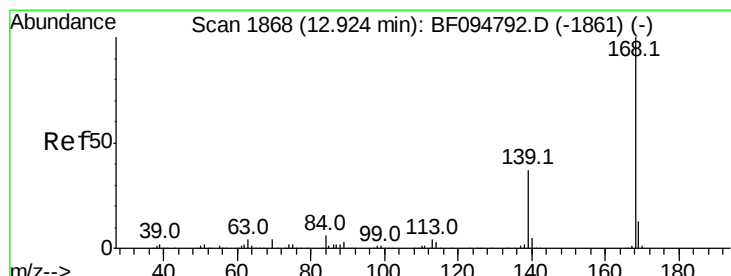
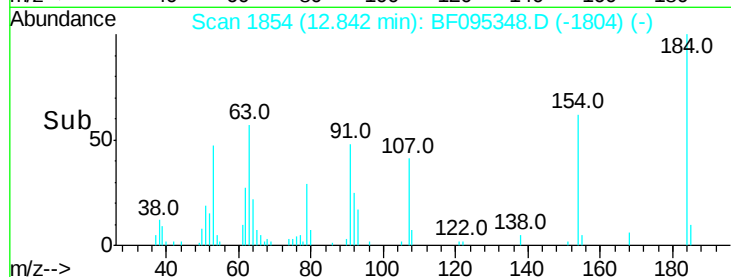
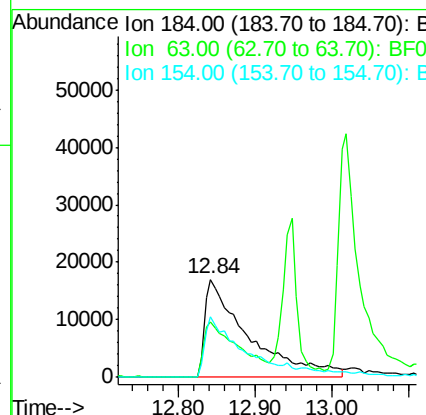
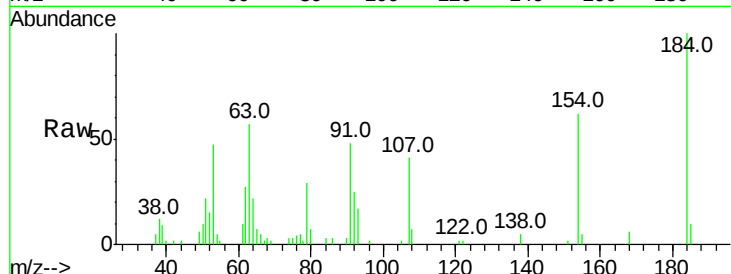




#53
 2,4-Dinitrophenol
 Concen: 41.73 ng
 RT: 12.84 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

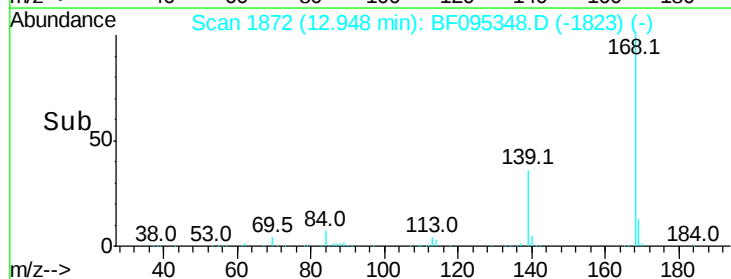
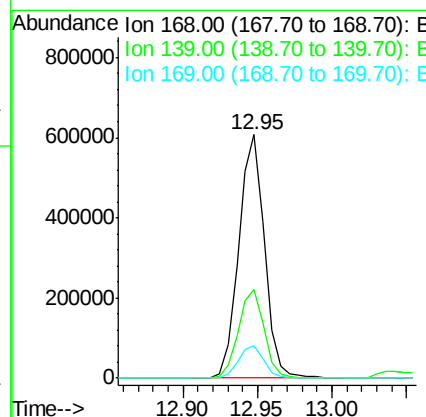
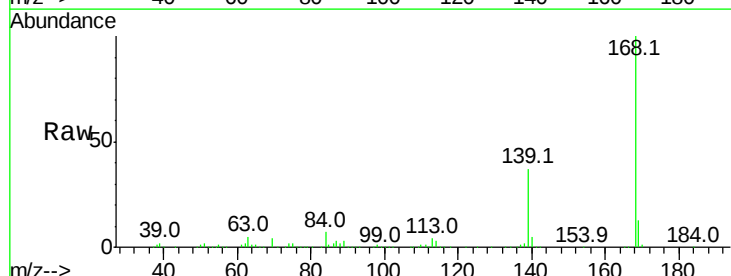
Instrument :
 BNA_F
 ClientSampleId :

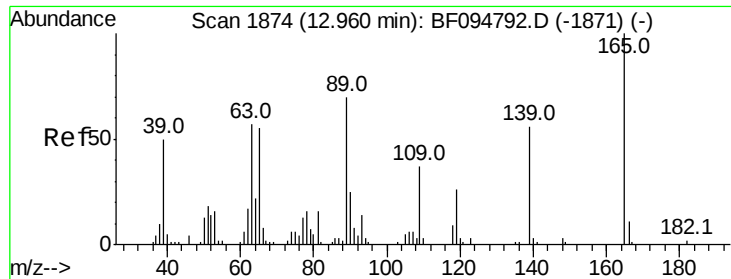
Tot Ion:184 Resp: 66406
 Ion Ratio Lower Upper
 184 100
 63 57.1 62.7 94.1#
 154 62.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.37 ng
 RT: 12.95 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:168 Resp: 730449
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.5 10.8 16.2

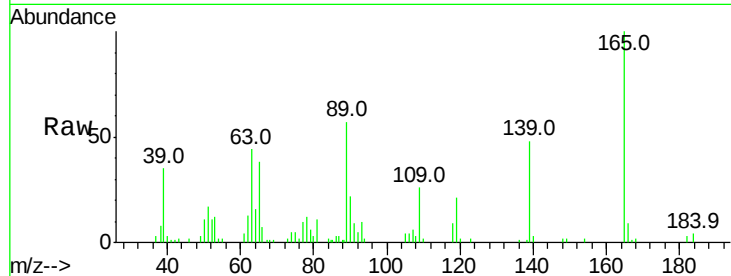




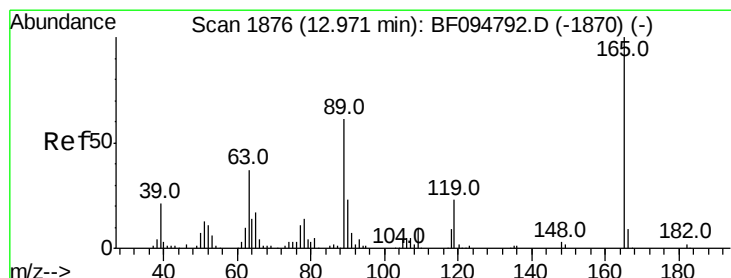
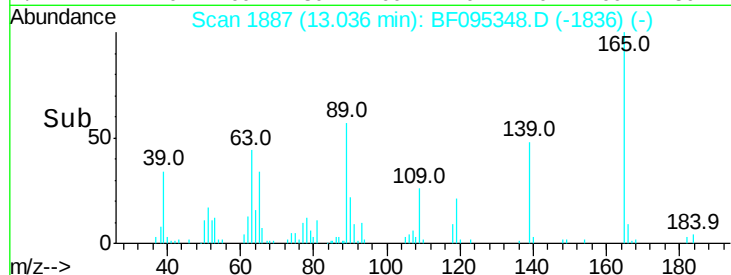
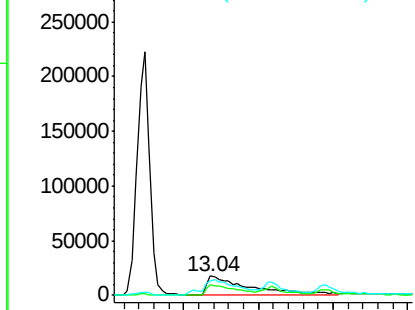
#55
 4-Nitrophenol
 Concen: 36.19 ng
 RT: 13.04 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:139 Resp: 73096
 Ion Ratio Lower Upper
 139 100
 109 54.1 34.1 74.1
 65 78.6 31.4 71.4#

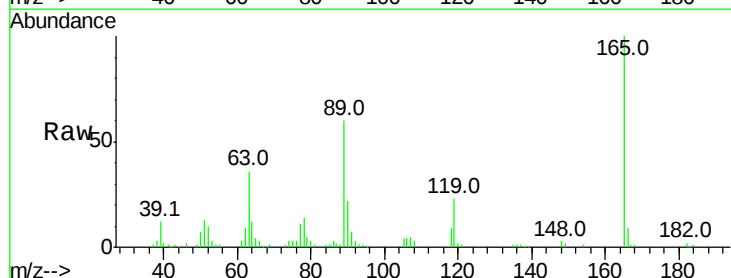


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

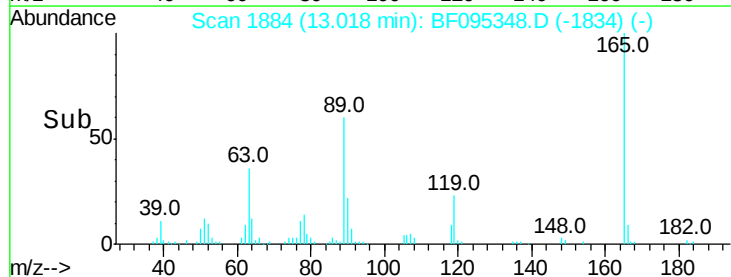
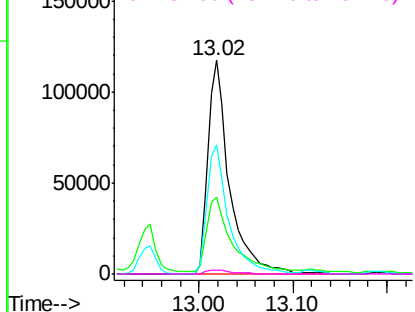


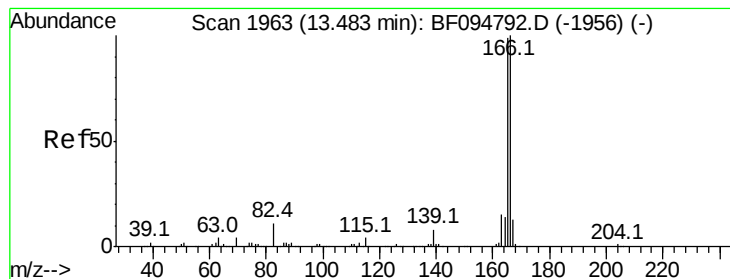
#56
 2,4-Dinitrotoluene
 Concen: 47.06 ng
 RT: 13.02 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:165 Resp: 189464
 Ion Ratio Lower Upper
 165 100
 63 36.1 25.4 38.0
 89 60.5 46.4 69.6
 182 2.0 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: 43.31 ng

RT: 13.50 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

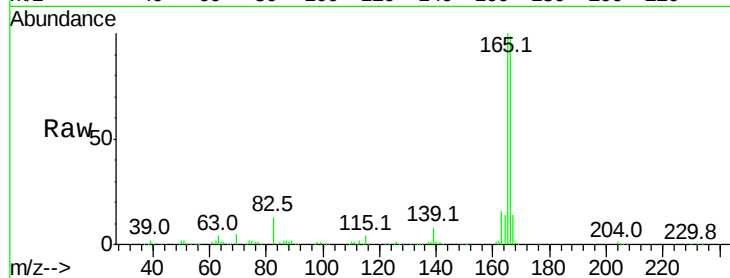
Tot Ion:166 Resp: 620027

Ion Ratio Lower Upper

166 100

165 101.3 78.8 118.2

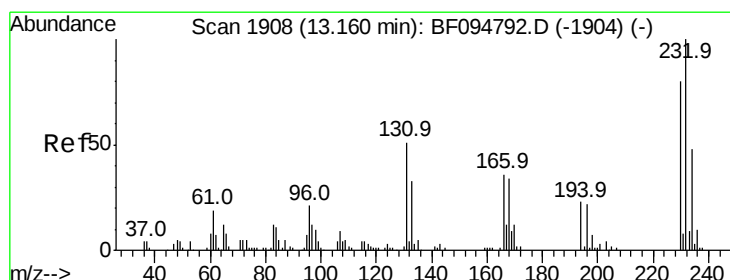
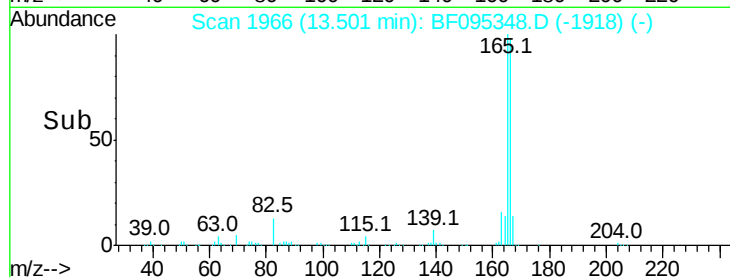
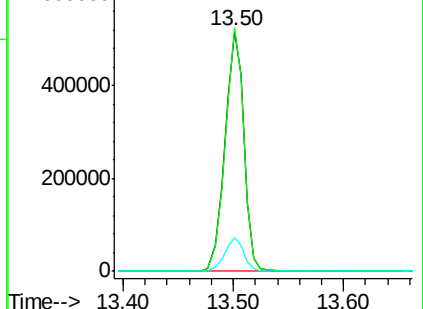
167 13.9 10.6 16.0



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: 47.72 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Tgt Ion:232 Resp: 123968

Ion Ratio Lower Upper

232 100

131 47.3 44.8 67.2

130 1.9 2.3 3.5#

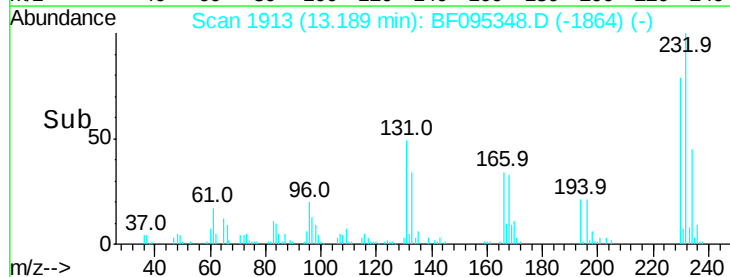
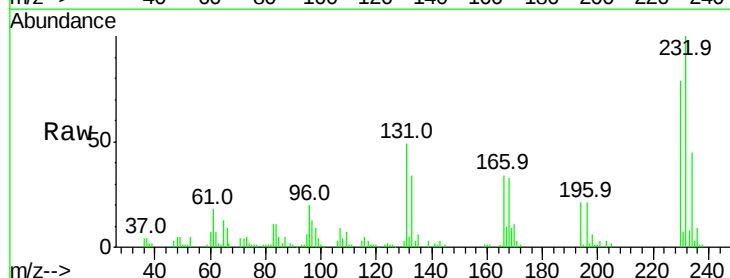
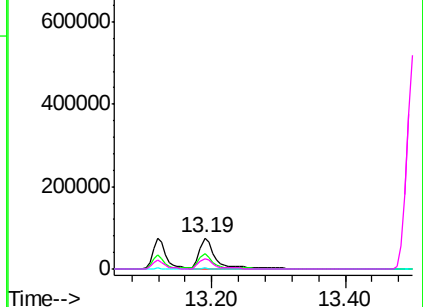
166 31.5 29.0 43.4

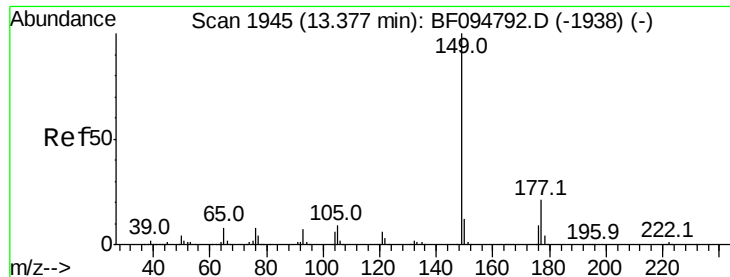
Abundance Ion 232.00 (231.70 to 232.70): E

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

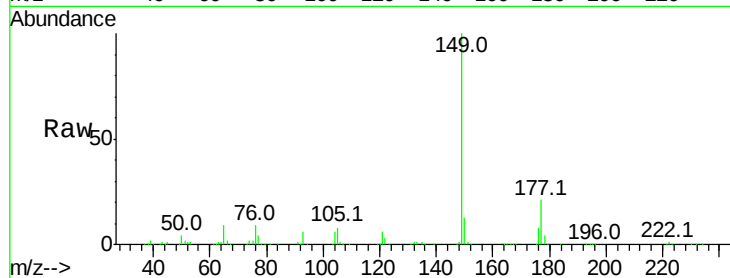




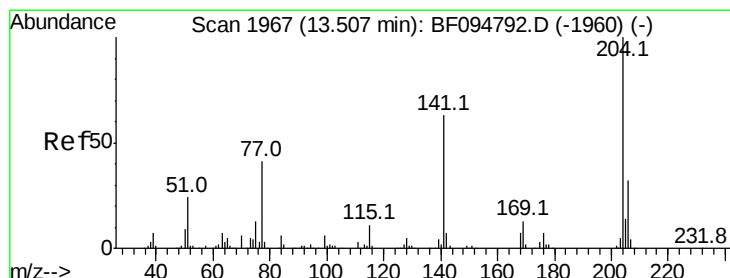
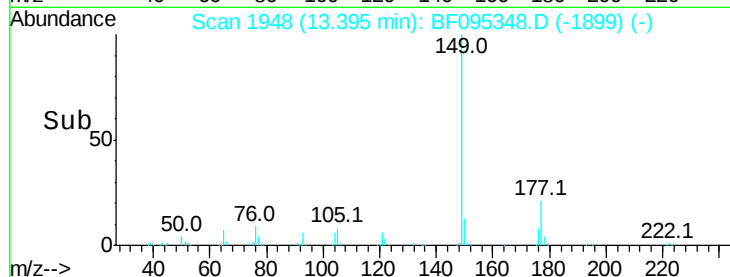
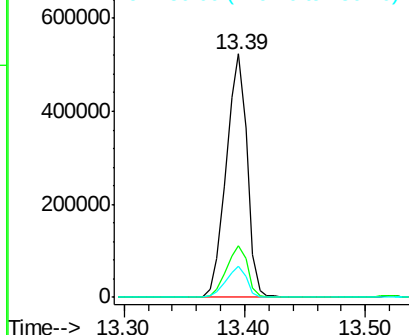
#59
Diethylphthalate
Concen: 42.63 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 627470
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.6 10.2 15.2

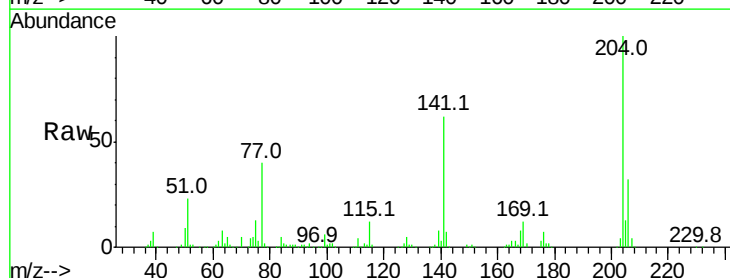


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

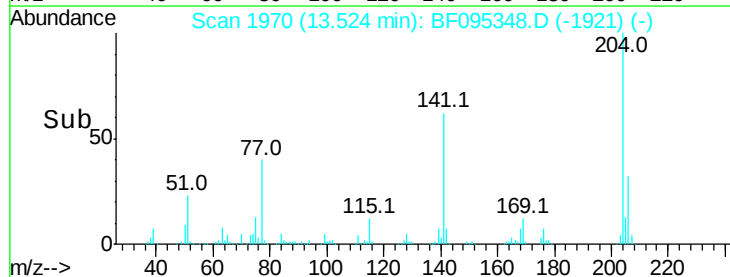
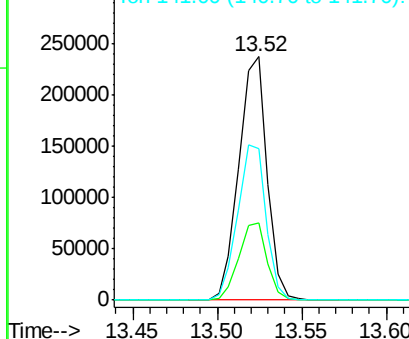


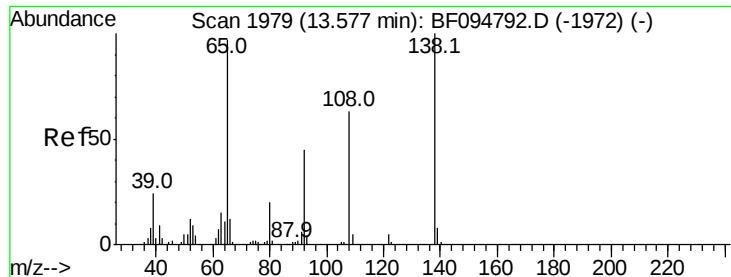
#60
4-Chlorophenyl-phenylether
Concen: 43.98 ng
RT: 13.52 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion:204 Resp: 276673
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 62.2 60.8 91.2



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

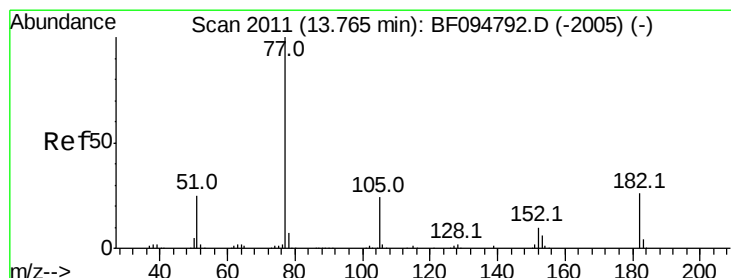
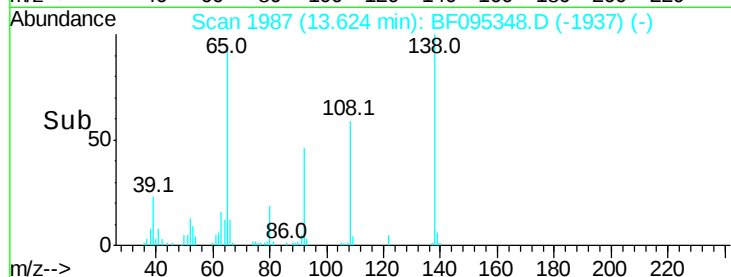
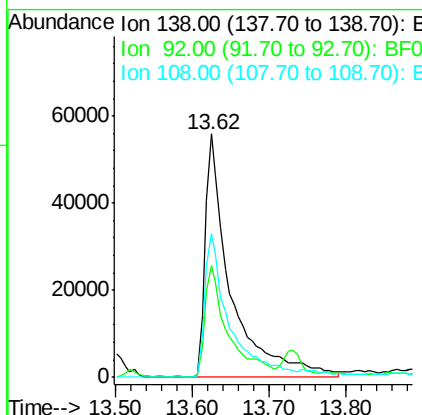
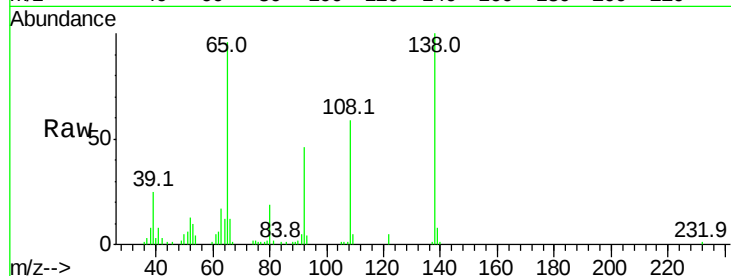




#61
4-Nitroaniline
Concen: 41.47 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

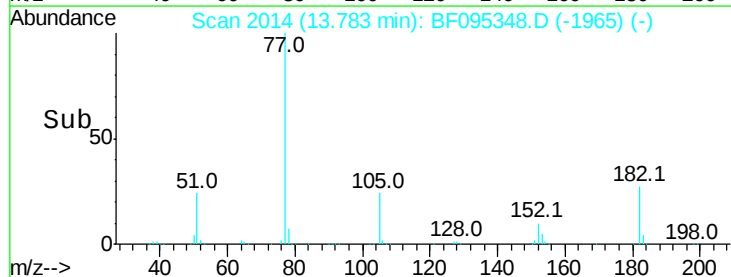
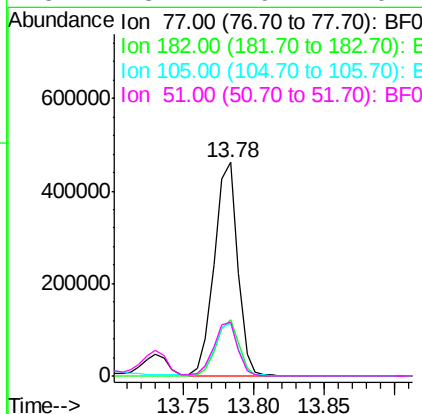
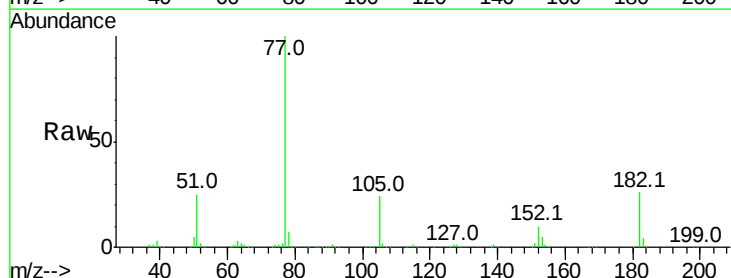
Instrument :
BNA_F
ClientSampleId :

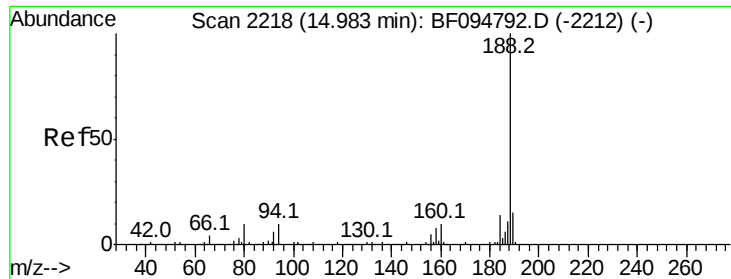
Tot Ion:138 Resp: 127998
Ion Ratio Lower Upper
138 100
92 46.1 21.8 61.8
108 58.9 42.3 82.3



#62
Azobenzene
Concen: 44.94 ng
RT: 13.78 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion: 77 Resp: 531459
Ion Ratio Lower Upper
77 100
182 26.4 0.1 40.1
105 24.4 3.6 43.6
51 25.2 9.4 49.4

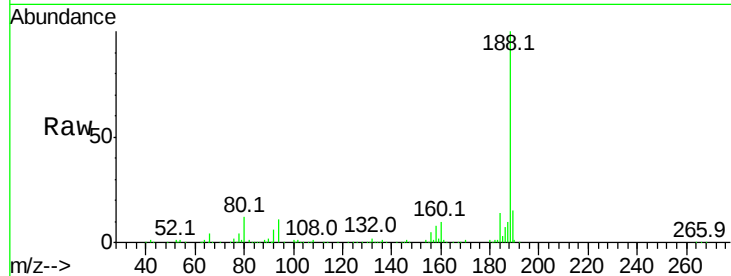




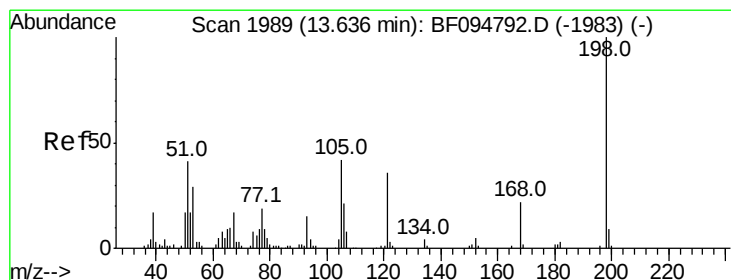
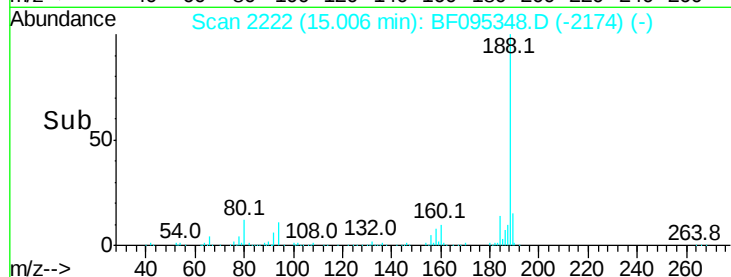
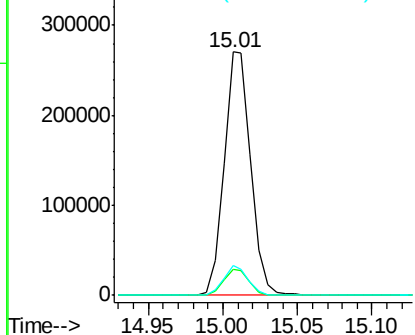
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 338569
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 12.3 10.2 15.2

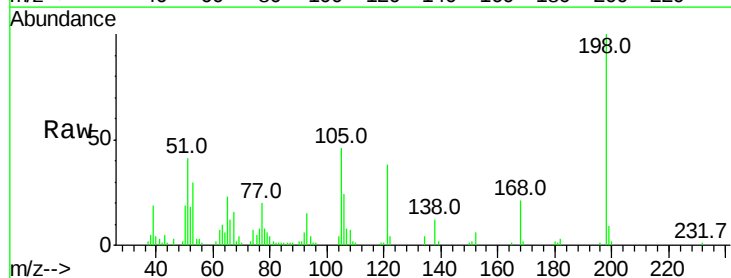


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

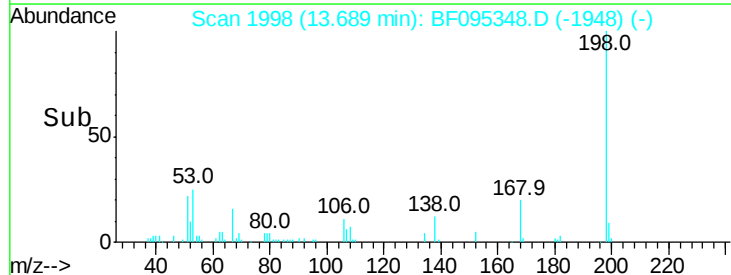
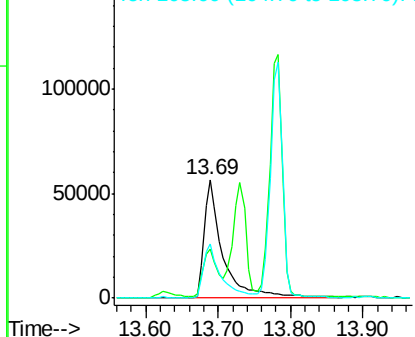


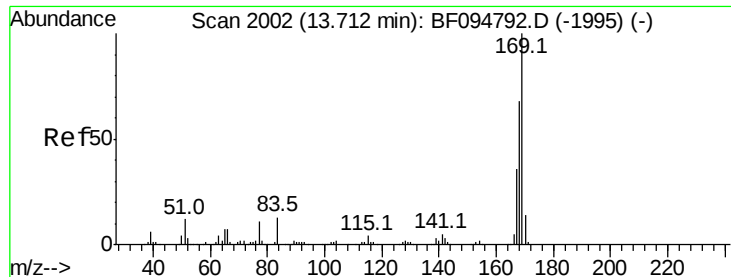
#64
4,6-Dinitro-2-methylphenol
Concen: 45.13 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion:198 Resp: 102419
Ion Ratio Lower Upper
198 100
51 41.4 53.2 93.2#
105 45.7 45.8 85.8#



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

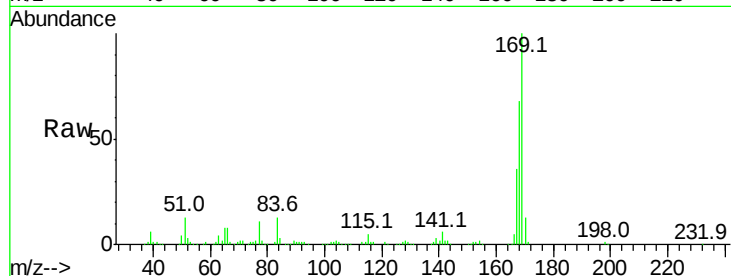




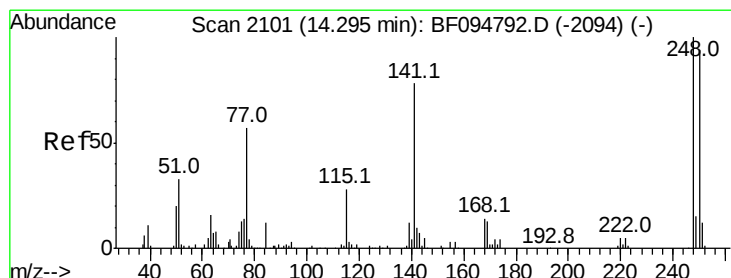
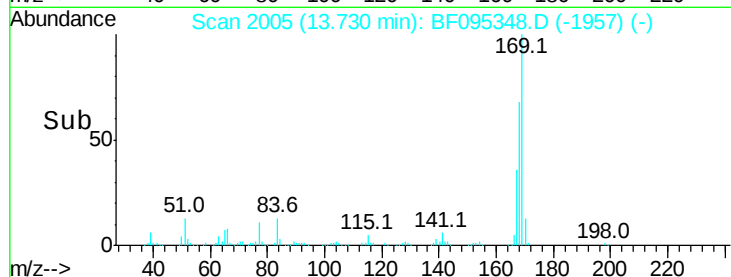
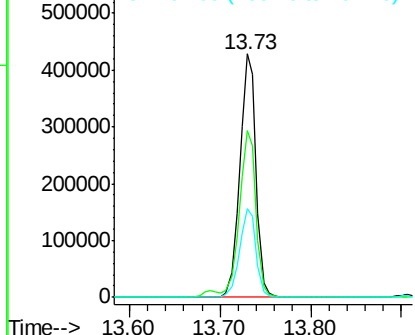
#65
n-Nitrosodiphenylamine
Concen: 43.48 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 534280
Ion Ratio Lower Upper
169 100
168 68.3 53.2 79.8
167 36.3 29.5 44.3

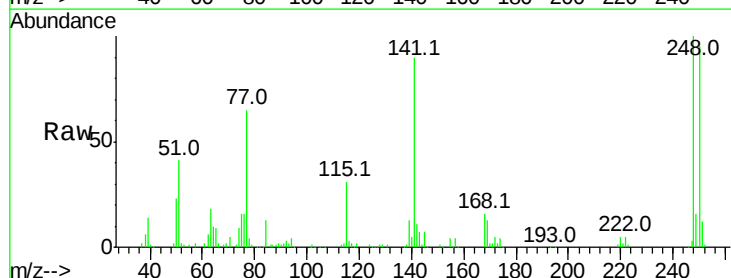


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

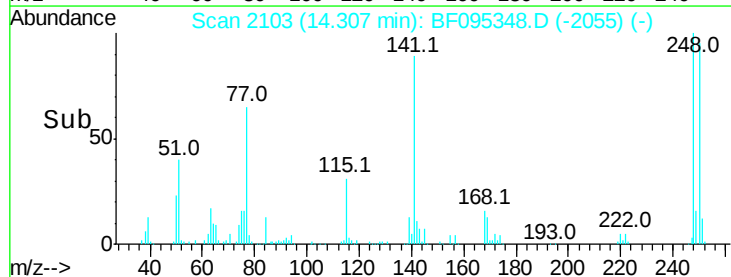
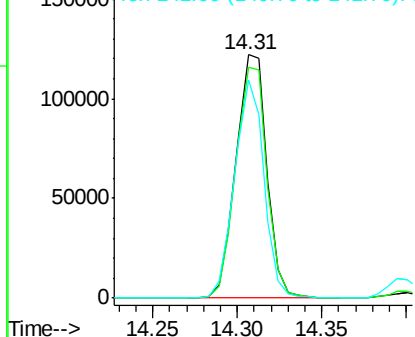


#66
4-Bromophenyl-phenylether
Concen: 43.63 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion:248 Resp: 156079
Ion Ratio Lower Upper
248 100
250 94.6 76.8 115.2
141 89.6 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.56 ng

RT: 14.40 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

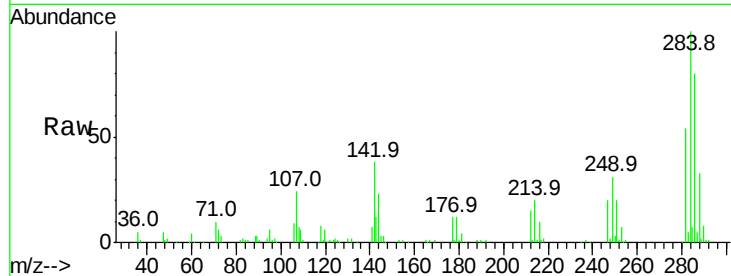
Tot Ion:284 Resp: 156024

Ion Ratio Lower Upper

284 100

142 38.0 22.8 34.2#

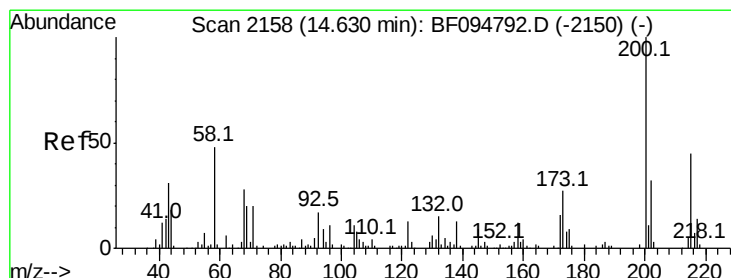
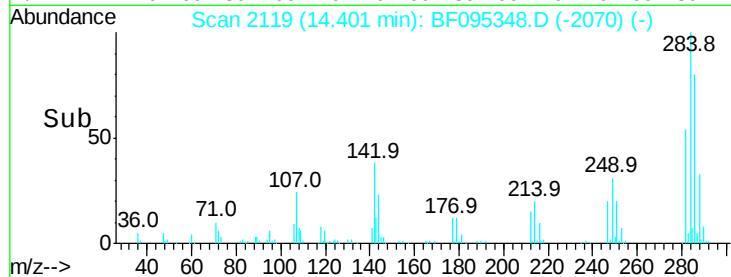
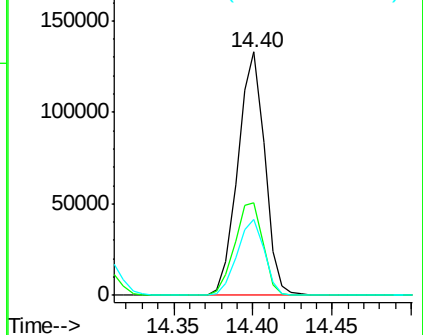
249 31.0 24.0 36.0



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: 43.59 ng

RT: 14.65 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

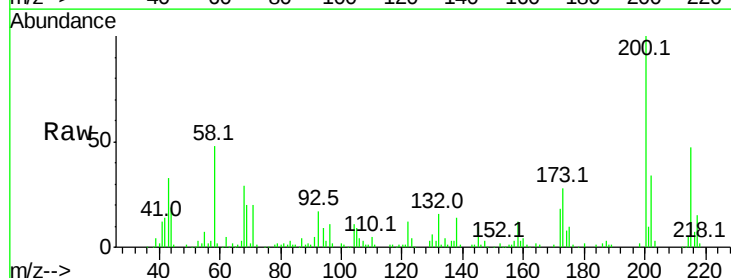
Tgt Ion:200 Resp: 151230

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

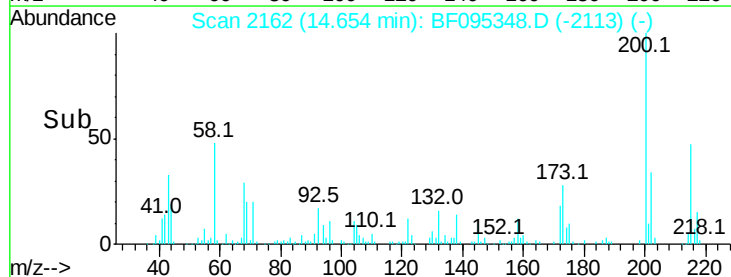
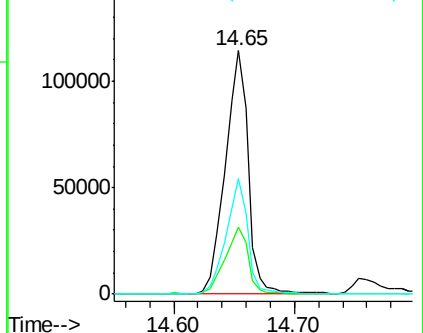
215 47.5 27.2 67.2

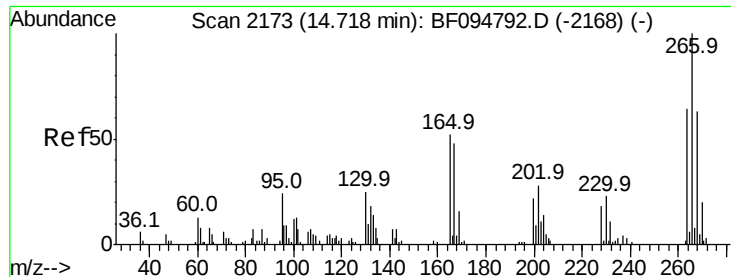


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

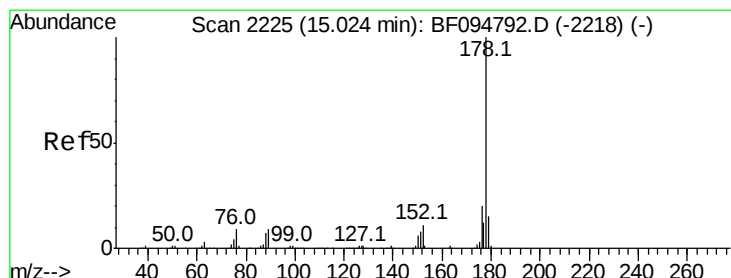
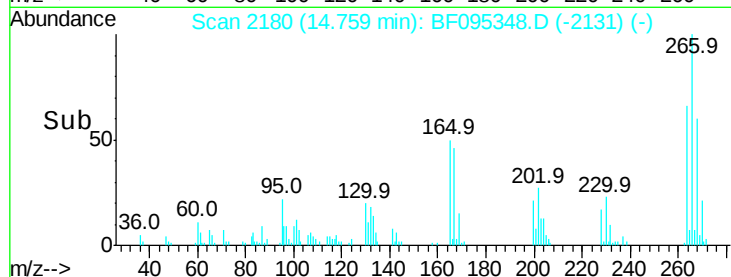
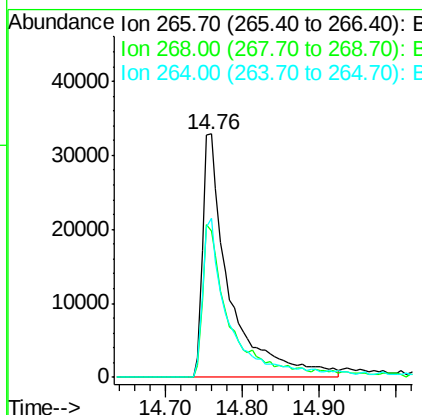
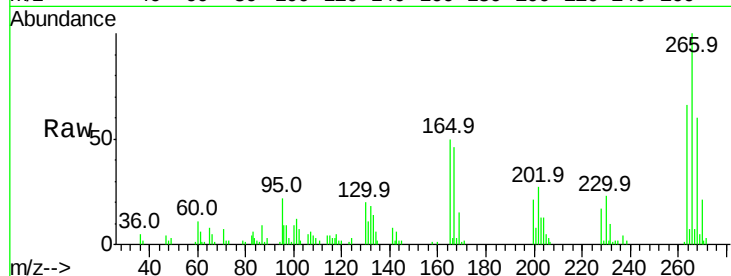




#69
 Pentachlorophenol
 Concen: 50.48 ng
 RT: 14.76 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

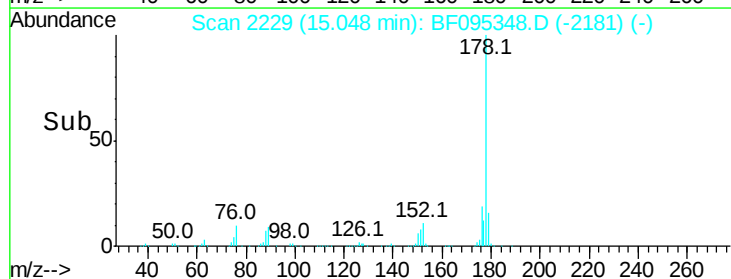
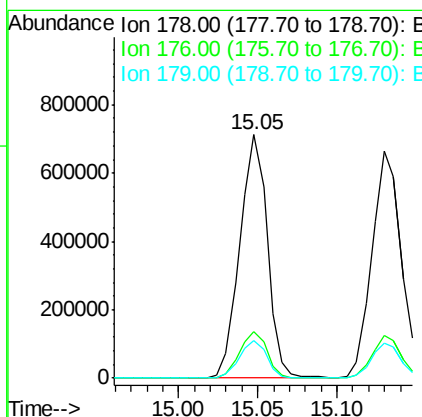
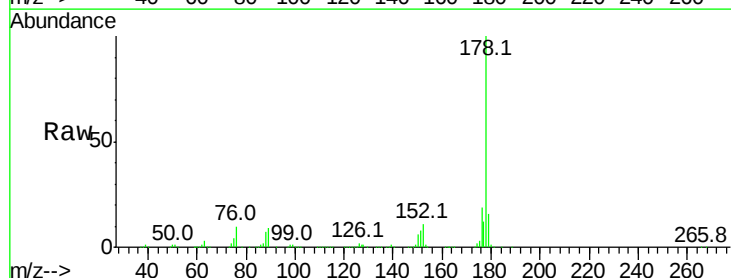
Instrument :
 BNA_F
 ClientSampleId :

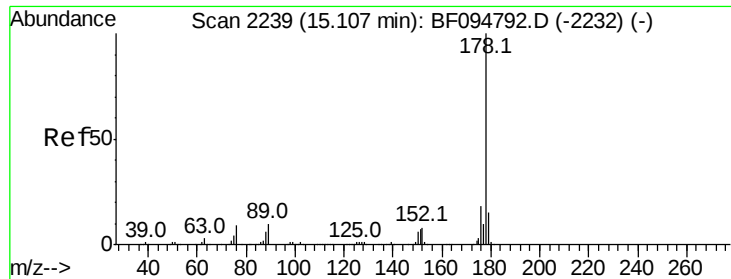
Tot Ion:266 Resp: 79808
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.1 76.7
 264 65.6 51.7 77.5



#70
 Phenanthrene
 Concen: 44.24 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:178 Resp: 860577
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.5 12.6 19.0

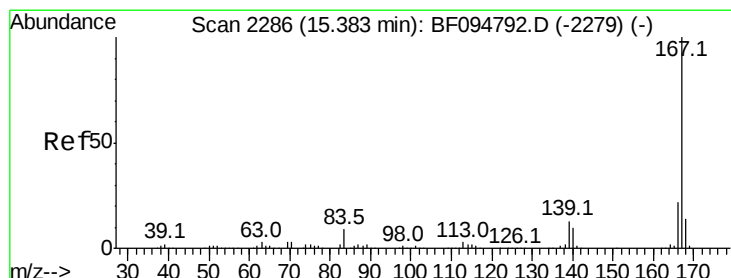
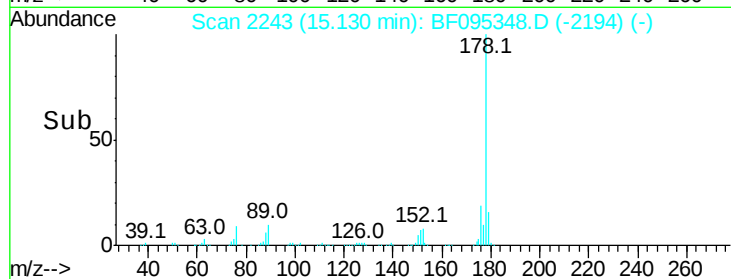
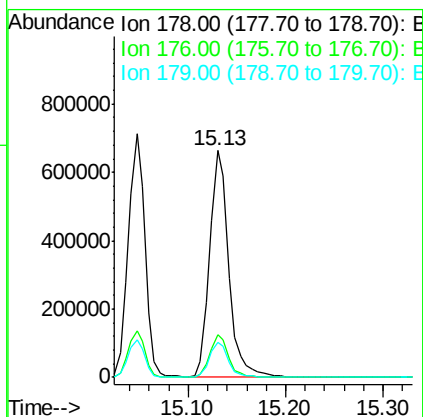
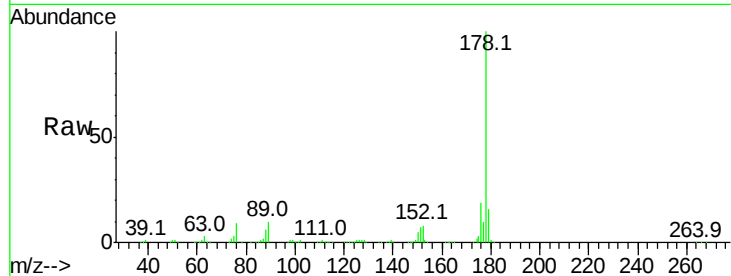




#71
 Anthracene
 Concen: 45.33 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

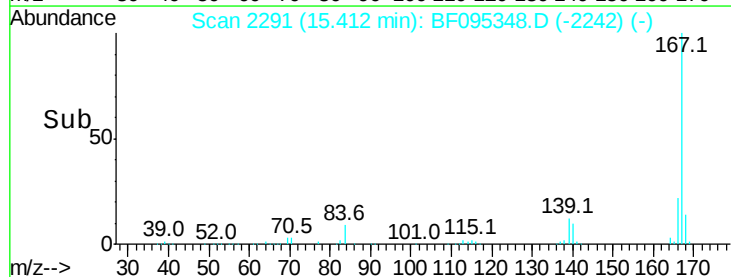
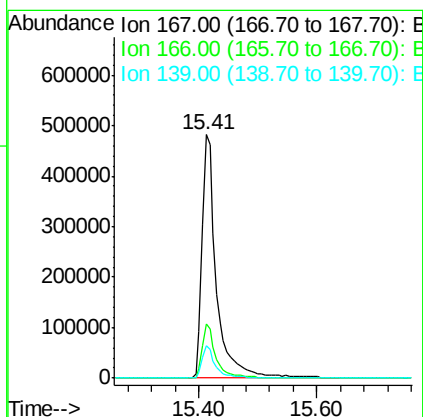
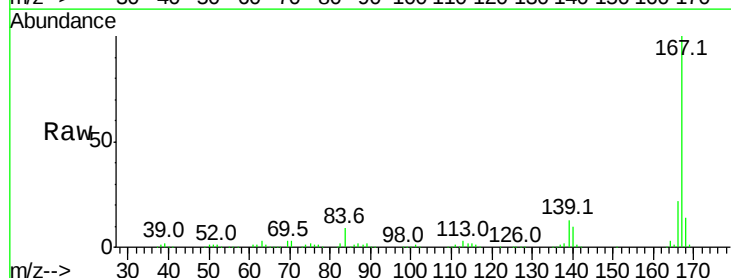
Instrument :
 BNA_F
 ClientSampled :

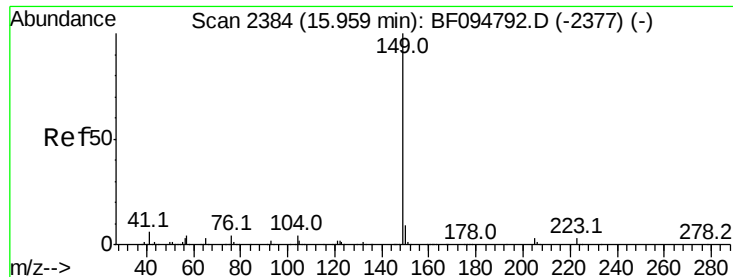
Tot Ion:178 Resp: 900775
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 45.19 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:167 Resp: 816944
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.4 11.7 17.5

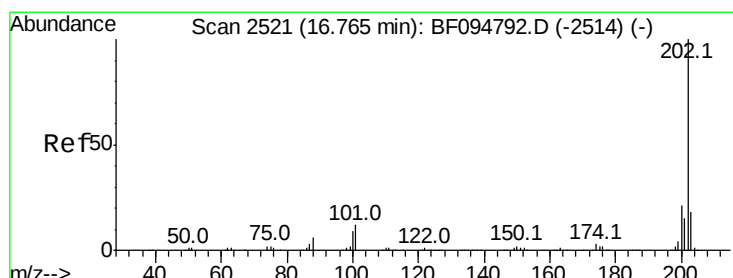
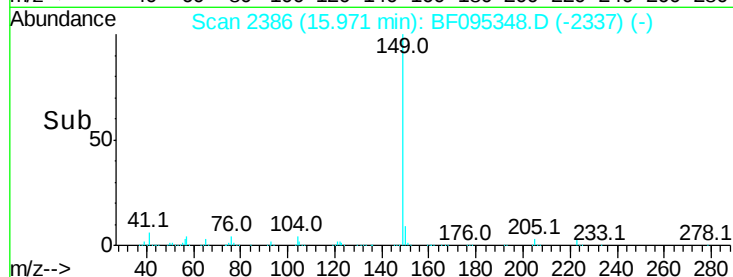
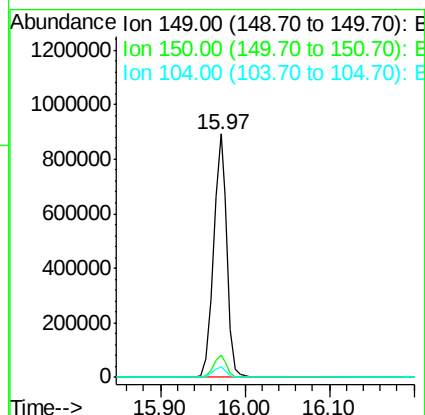
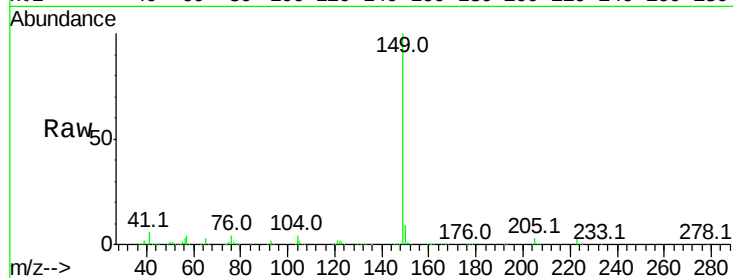




#73
Di-n-butylphthalate
Concen: 44.16 ng
RT: 15.97 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

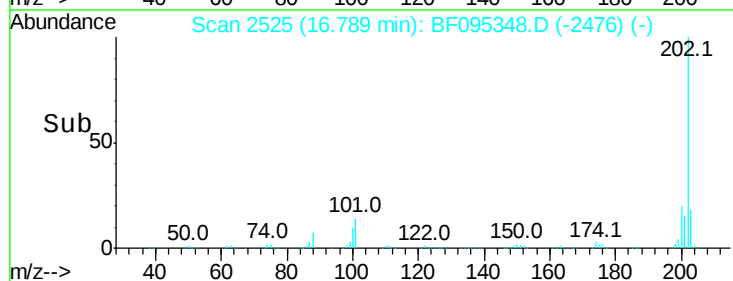
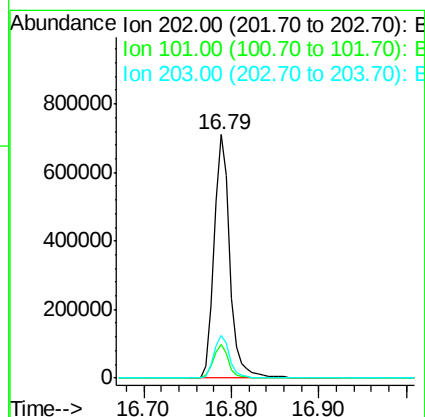
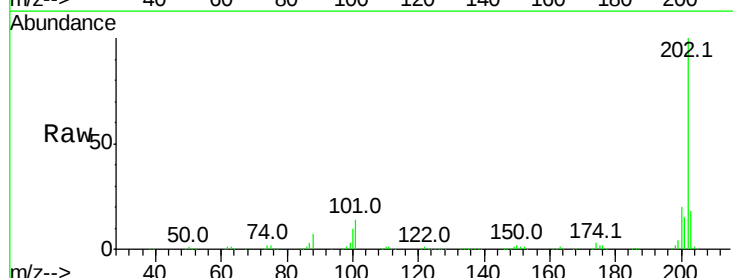
Instrument :
BNA_F
ClientSampleId :

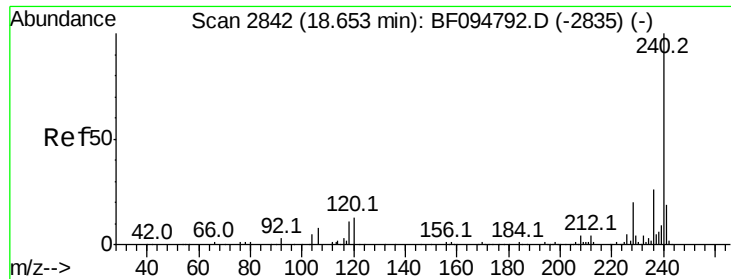
Tot Ion:149 Resp: 995579
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 44.78 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion:202 Resp: 893609
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :

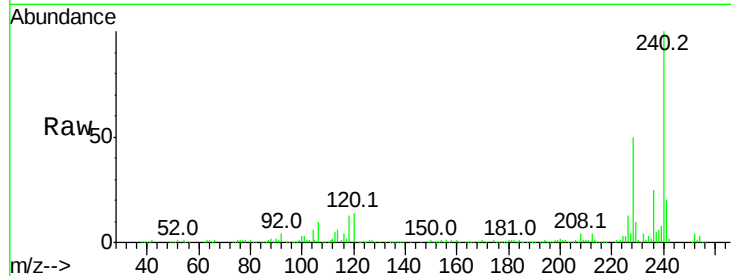
Tot Ion:240 Resp: 267840

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

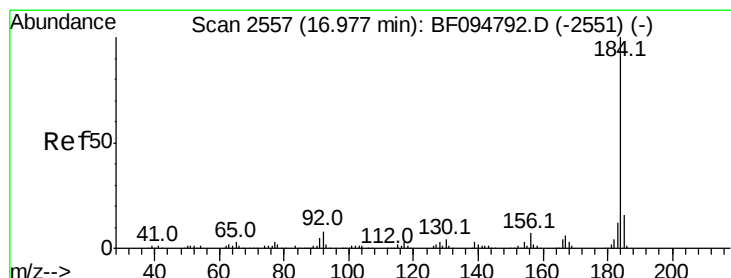
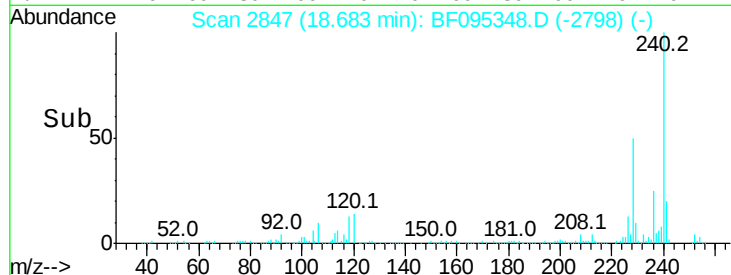
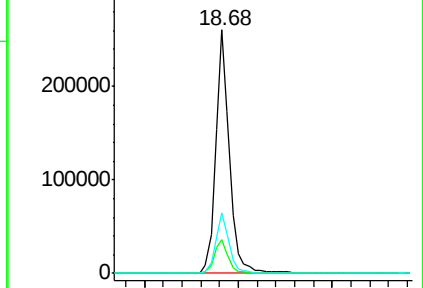
236 24.8 20.5 30.7



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: 38.33 ng

RT: 17.01 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

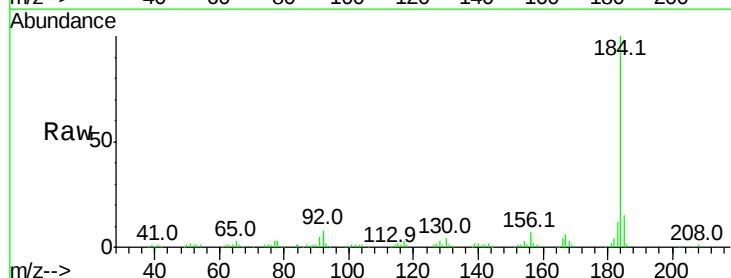
Tgt Ion:184 Resp: 266515

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

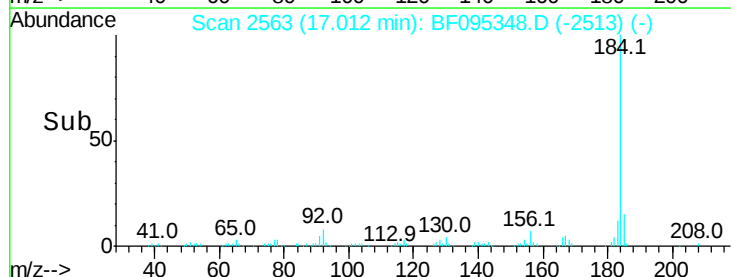
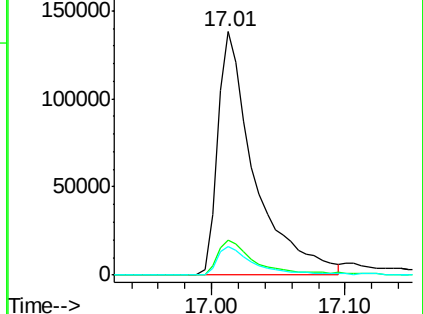
183 11.6 9.8 14.6

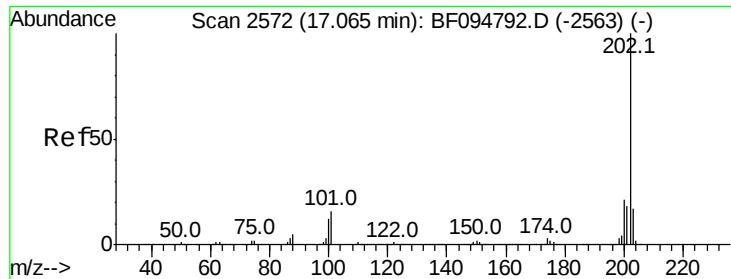


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

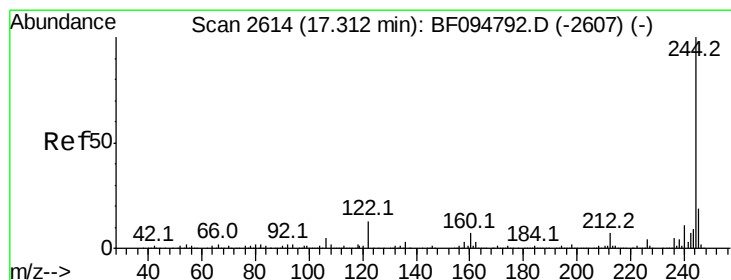
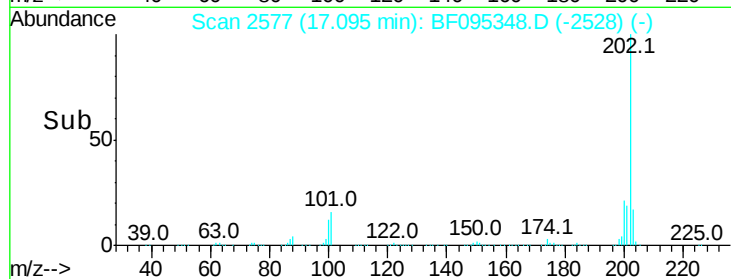
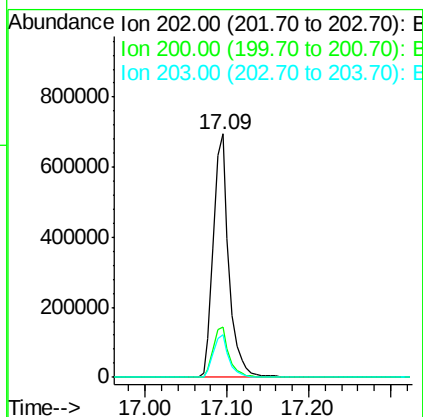
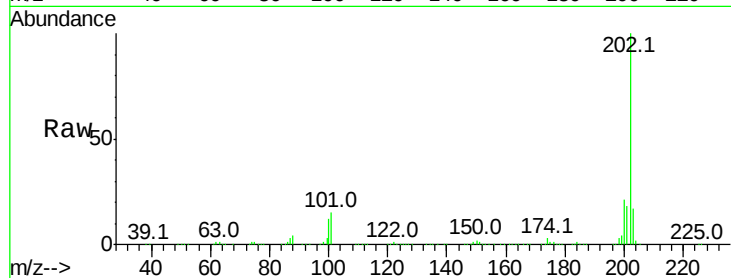




#77
Pvrene
Concen: 45.99 ng
RT: 17.09 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

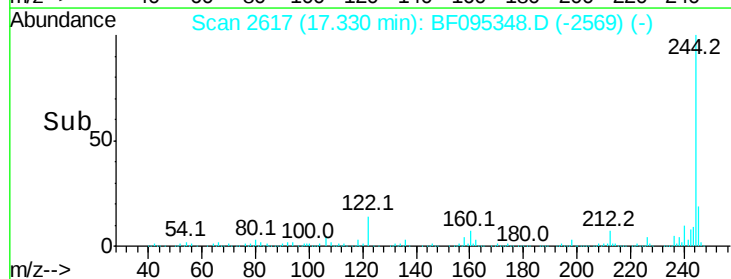
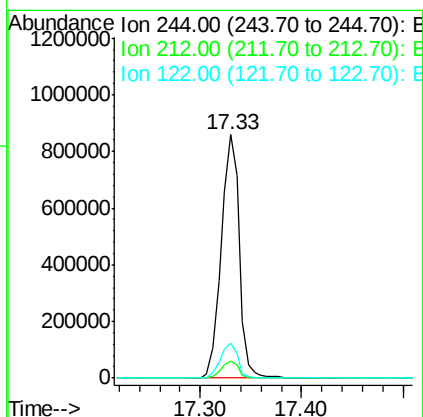
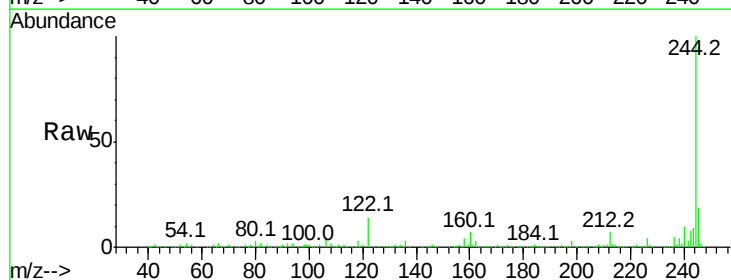
Instrument :
BNA_F
ClientSampleId :

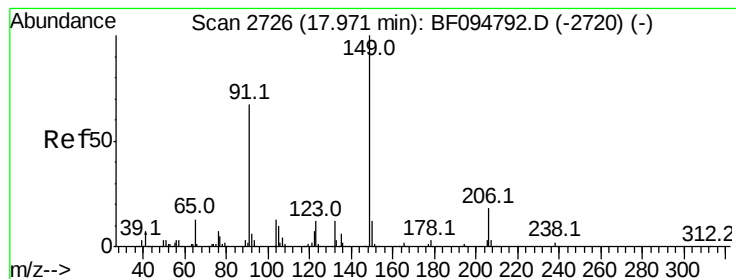
Tot Ion:202 Resp: 921212
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 87.48 ng
RT: 17.33 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion:244 Resp: 1063739
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.2 10.3 15.5





#79

Butylbenzylphthalate

Concen: 44.92 ng

RT: 17.99 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampled :

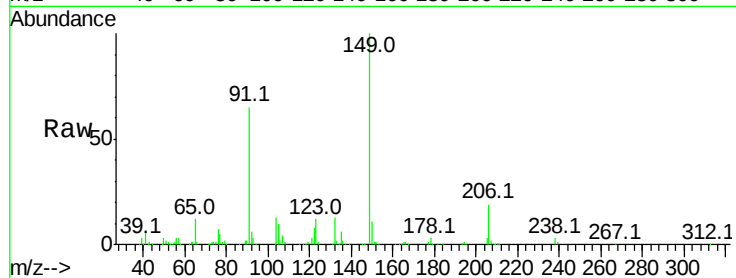
Tot Ion:149 Resp: 418580

Ion Ratio Lower Upper

149 100

91 65.1 45.0 67.4

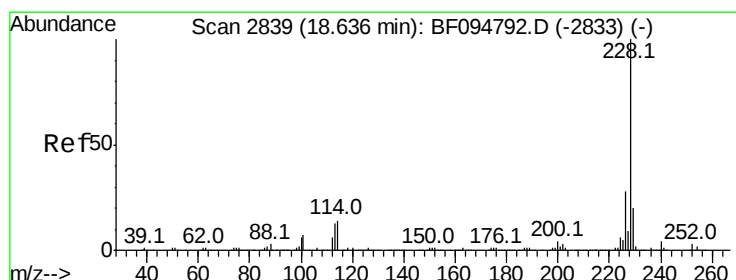
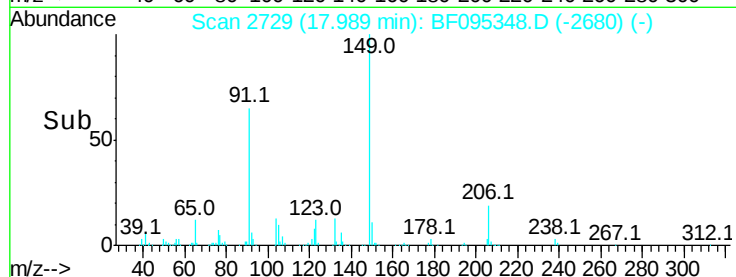
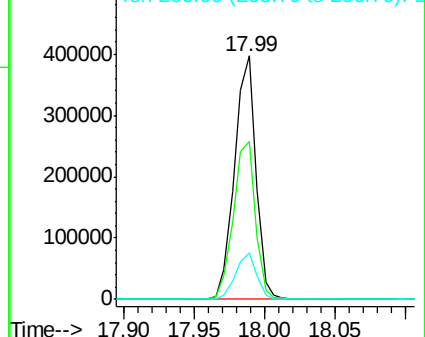
206 19.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

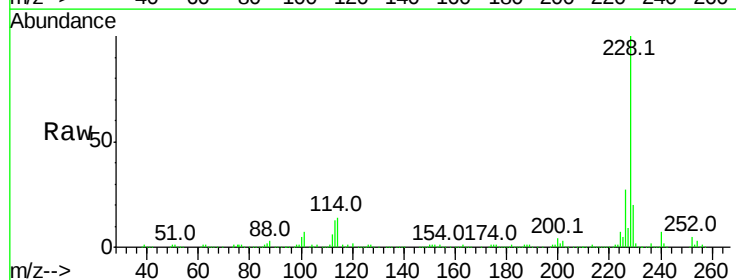
Tgt Ion:228 Resp: 670217

Ion Ratio Lower Upper

228 100

226 27.0 22.6 33.8

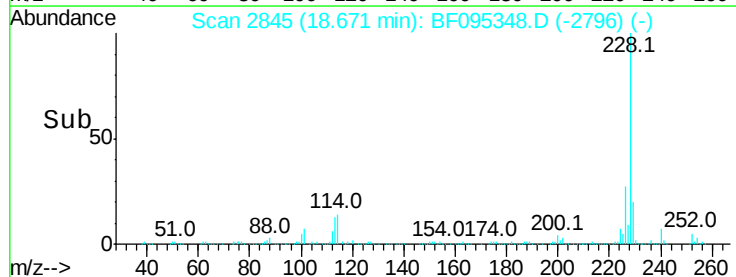
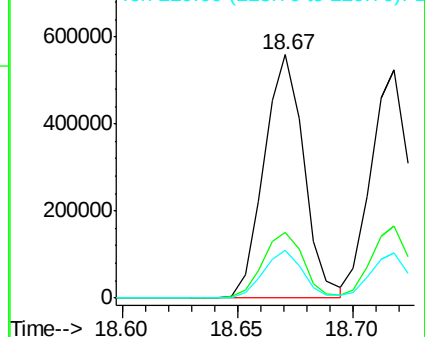
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

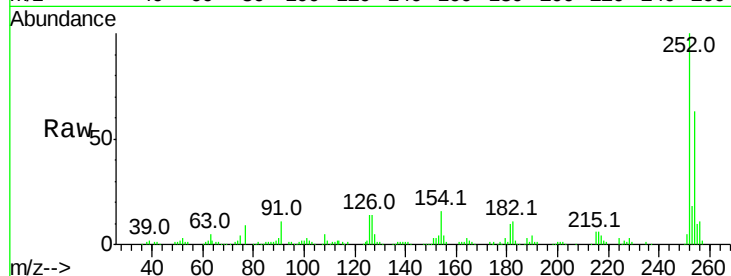




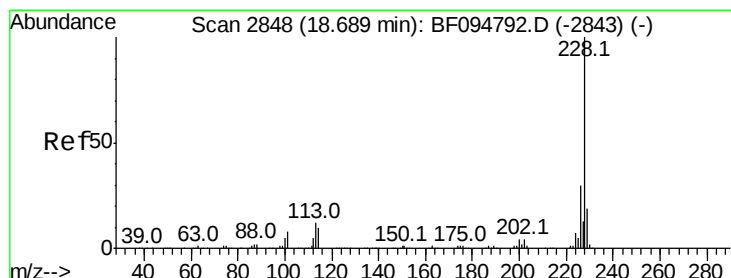
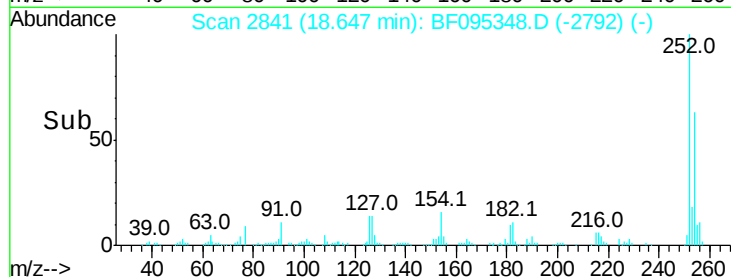
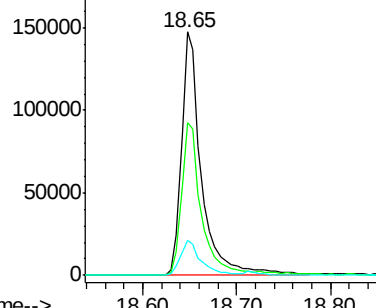
#81
 3,3'-Dichlorobenzidine
 Concen: 41.25 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.5	77.3
126	14.4	15.8	23.8#

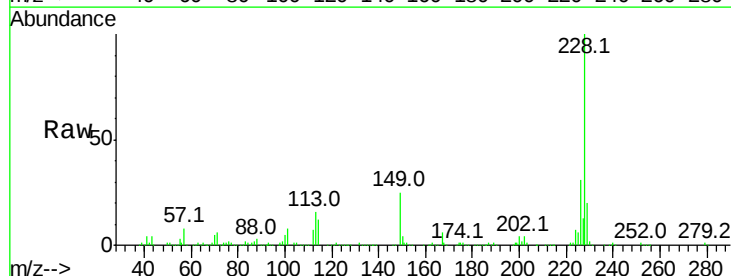


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

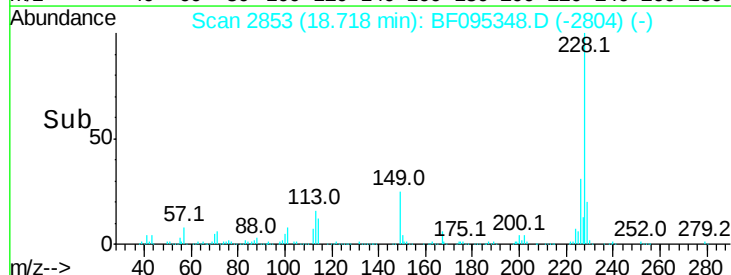
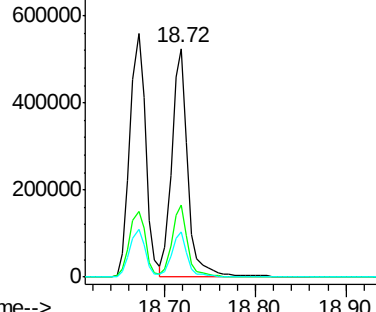


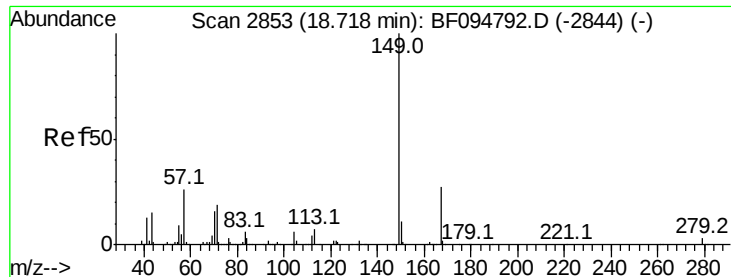
#82
 Chrysene
 Concen: 43.13 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.5	15.8	23.6



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

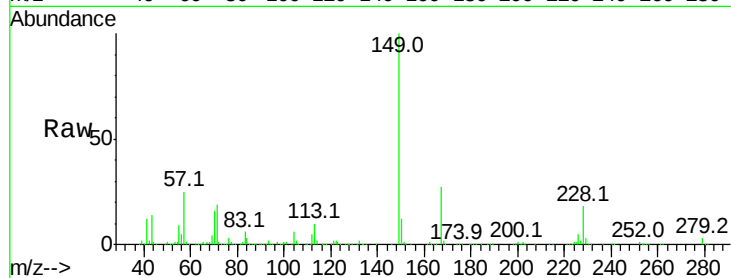




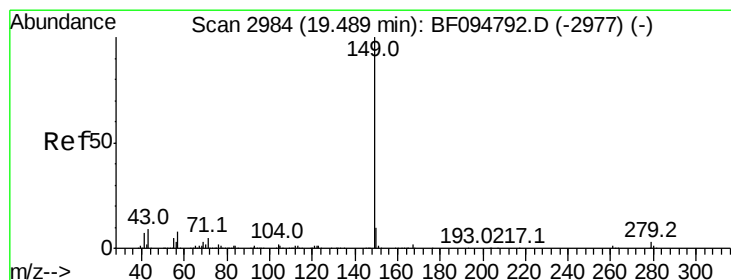
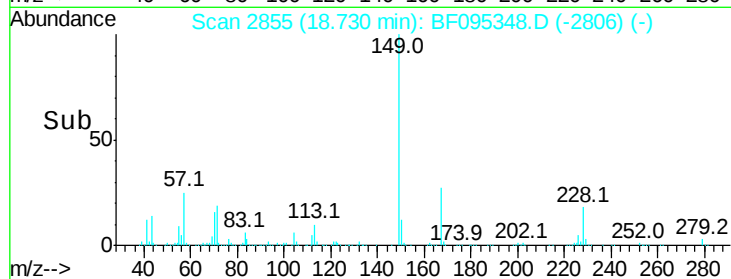
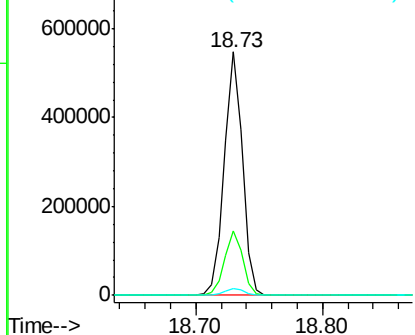
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.93 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 543366
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.0 1.9 2.9#

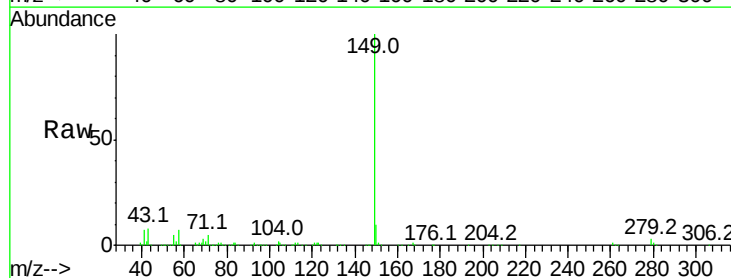


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

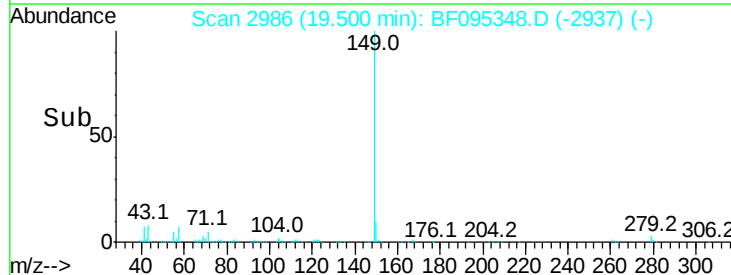
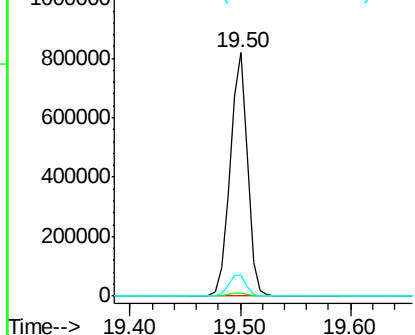


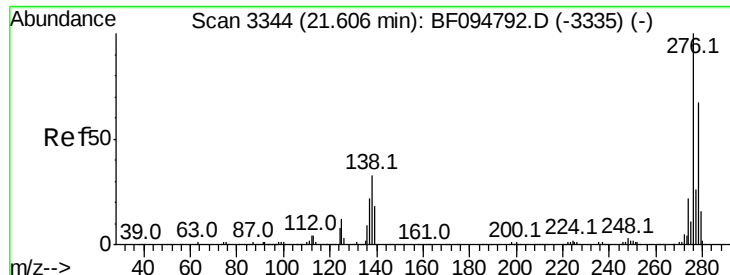
#84
 Di-n-octyl phthalate
 Concen: 41.59 ng
 RT: 19.50 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BF095348.D
 Acq: 23 May 2017 13:29

Tgt Ion:149 Resp: 905264
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

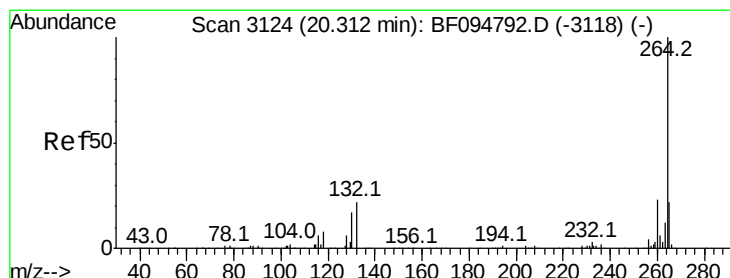
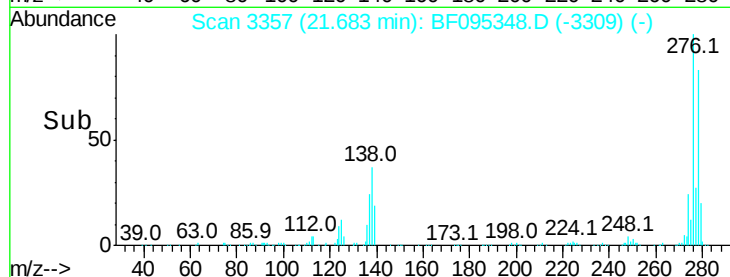
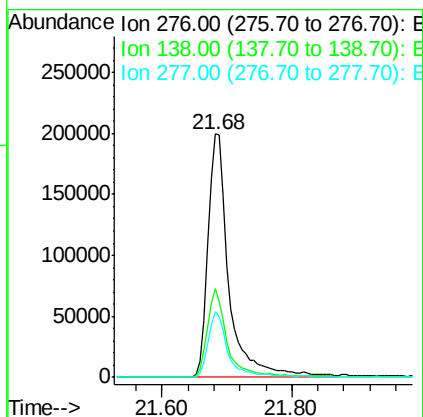
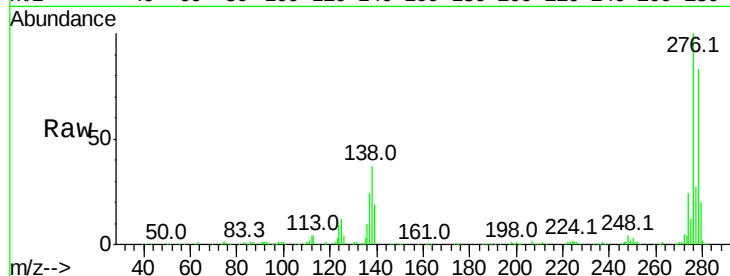




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.53 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

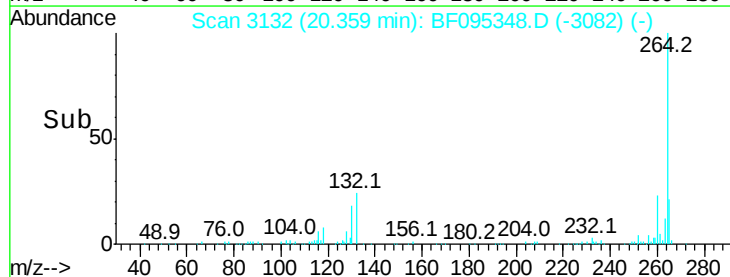
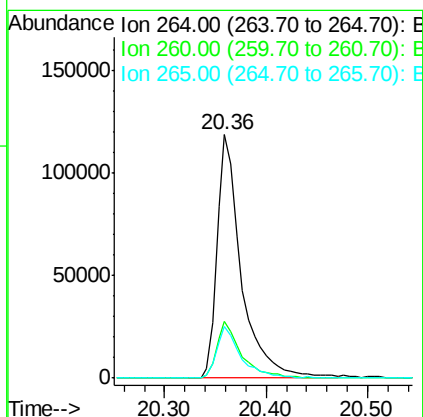
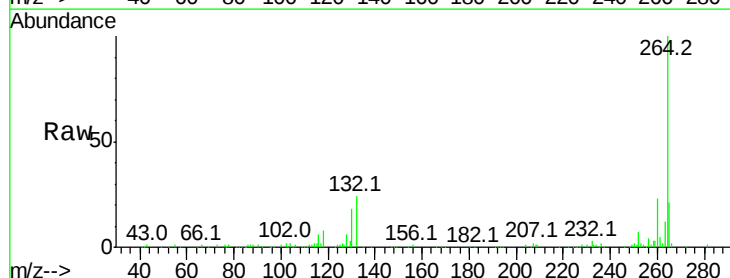
Instrument :
BNA_F
ClientSampled :

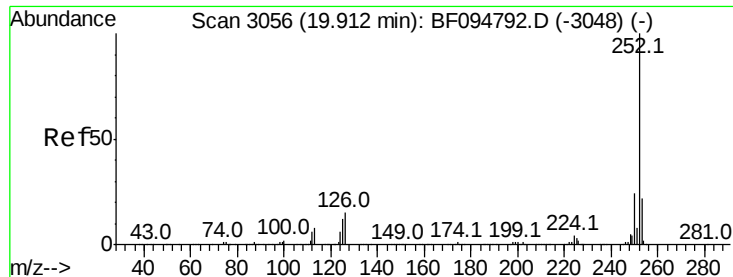
Tot Ion:276 Resp: 447198
Ion Ratio Lower Upper
276 100
138 34.7 27.8 41.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion:264 Resp: 196681
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.70 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

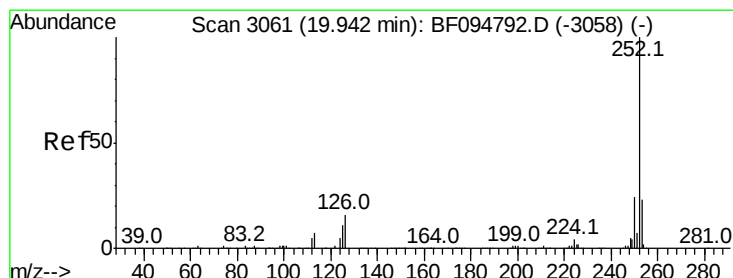
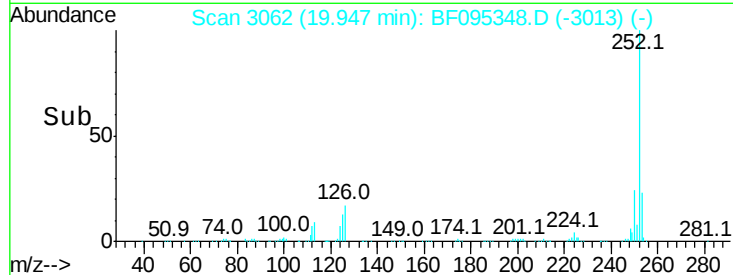
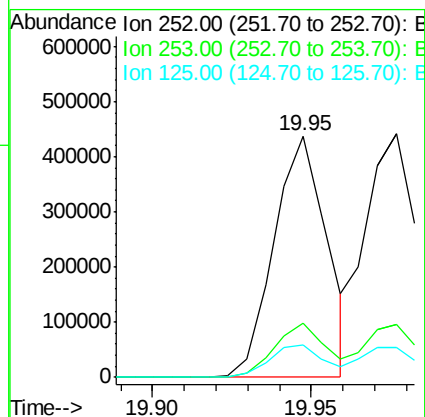
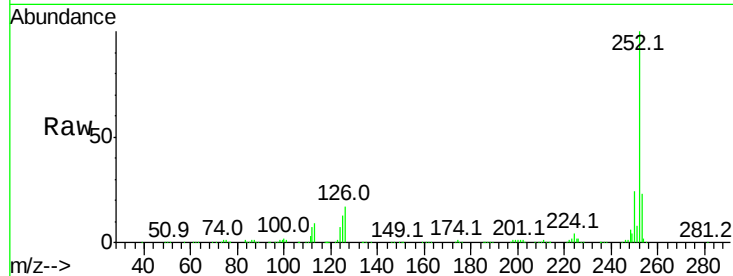
Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 506809

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.4	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 43.23 ng

RT: 19.95 min Scan# 3062

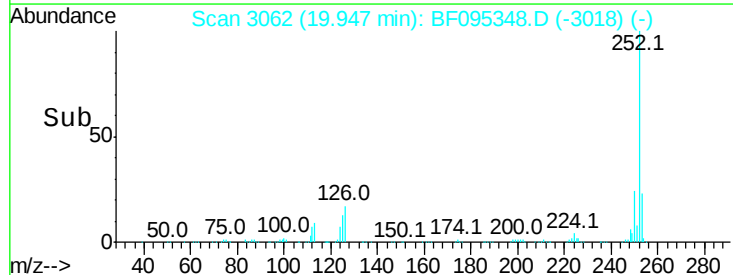
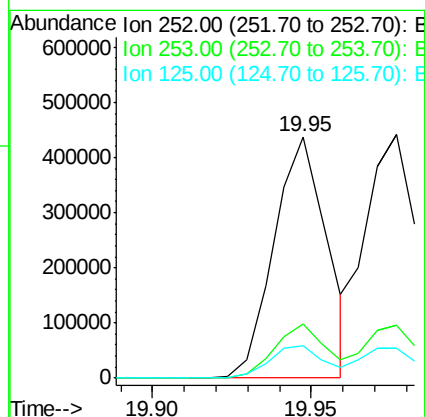
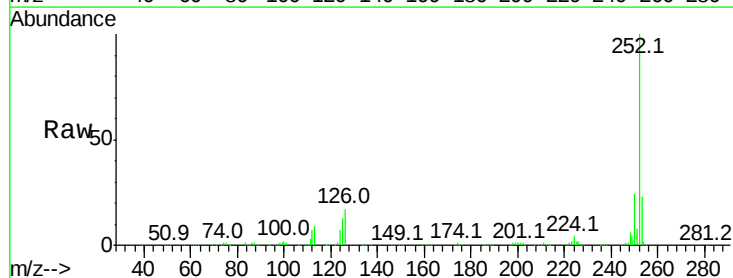
Delta R.T. -0.04 min

Lab File: BF095348.D

Acq: 23 May 2017 13:29

Tgt Ion:252 Resp: 506809

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	13.4	13.1	19.7

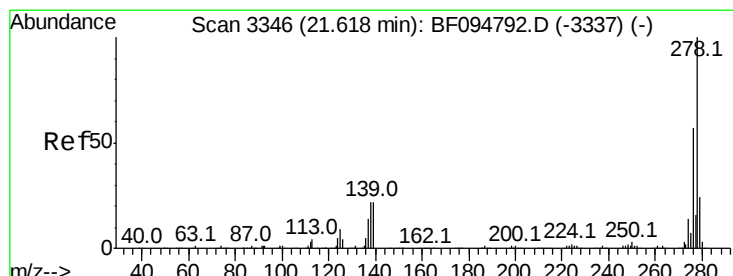
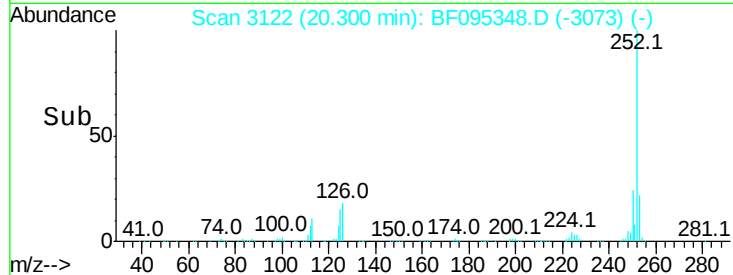
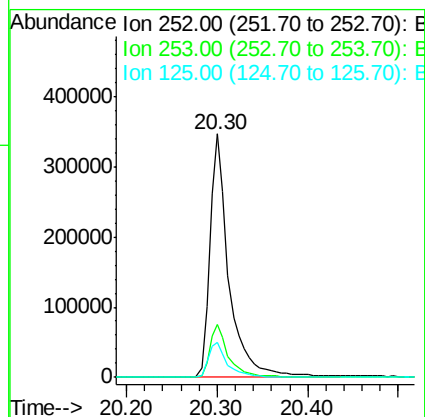
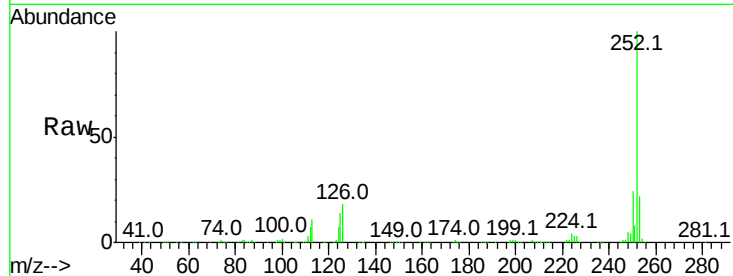




#89
Benzo(a)pyrene
Concen: 44.96 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

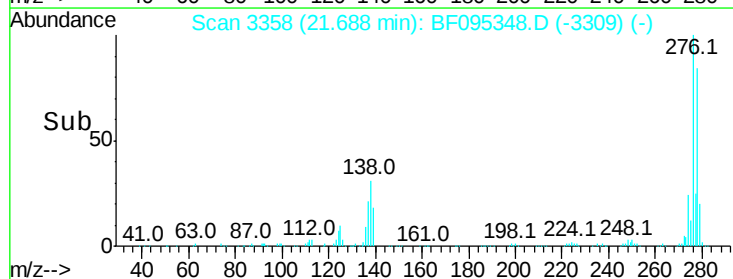
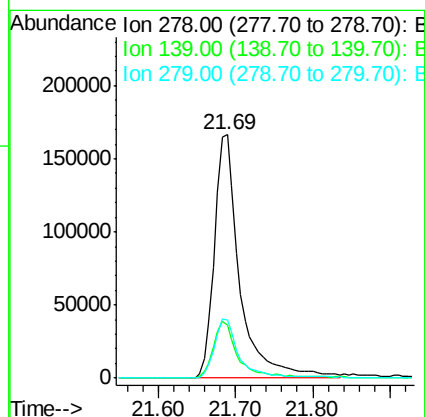
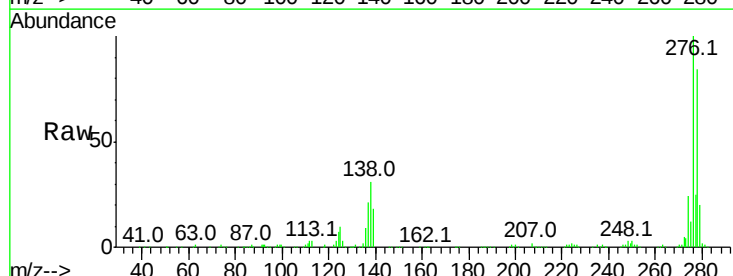
Instrument :
BNA_F
ClientSampleId :

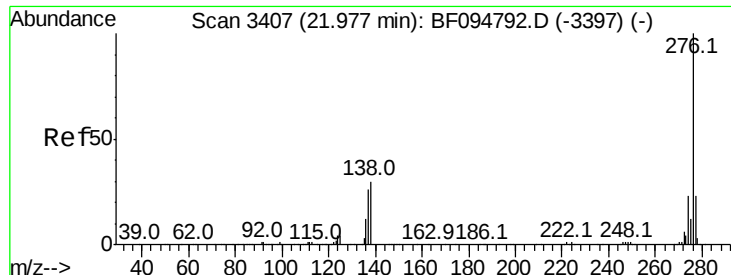
Tot Ion:252 Resp: 504241
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 14.2 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.05 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095348.D
Acq: 23 May 2017 13:29

Tgt Ion:278 Resp: 380159
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 24.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.83 ng

RT: 22.07 min Scan# 3423

Delta R.T. -0.01 min

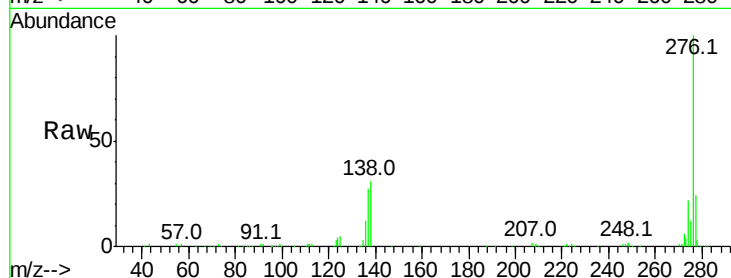
Lab File: BF095348.D

Acq: 23 May 2017 13:29

Instrument :

BNA_F

ClientSampleId :



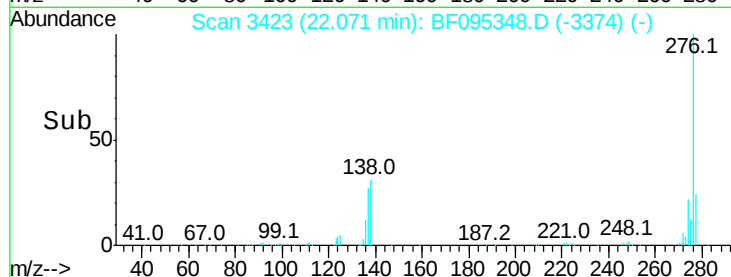
Tot Ion: 276 Resp: 389263

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 31.1 25.4 38.0



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

