

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095609.D
 Acq On : 1 Jun 2017 22:52
 Operator : SJ/MA
 Sample : I3388-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:27:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	86563	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	371683	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	177392	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	329092	20.00	ng	0.00
75) Chrysene-d12	18.50	240	258264	20.00	ng	0.00
86) Perylene-d12	20.17	264	109544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	696529	134.15	ng	0.03
7) Phenol-d6	7.10	99	771775	123.89	ng	0.00
23) Nitrobenzene-d5	8.46	82	520391	88.29	ng	0.00
41) 2,4,6-Tribromophenol	13.70	330	193031	132.87	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1025322	83.19	ng	0.00
78) Terphenyl-d14	17.15	244	969858	82.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	78968	31.01	ng	# 81
3) Pyridine	2.61	79	121070	20.51	ng	95
4) n-Nitrosodimethylamine	2.51	42	88253	35.88	ng	82
6) Aniline	7.07	93	25609	3.26	ng	99
8) 2-Chlorophenol	7.23	128	262378	44.40	ng	96
9) Benzaldehyde	6.89	77	32068	8.43	ng	99
10) Phenol	7.12	94	288581	43.96	ng	91
11) bis(2-Chloroethyl)ether	7.18	93	242120	44.68	ng	94
12) 1,3-Dichlorobenzene	7.44	146	257066	38.35	ng	98
13) 1,4-Dichlorobenzene	7.56	146	267237	39.31	ng	97
14) 1,2-Dichlorobenzene	7.80	146	255375	40.24	ng	95
15) Benzyl Alcohol	7.85	79	148917	37.17	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.04	45	306477	39.96	ng	95
17) 2-Methylphenol	8.06	107	222179	45.94	ng	95
18) Hexachloroethane	8.32	117	89368	38.81	ng	88
19) n-Nitroso-di-n-propylamine	8.26	70	193870	46.01	ng	96
20) 3+4-Methylphenols	8.34	107	303449	46.17	ng	# 62
22) Acetophenone	8.23	105	387415	43.44	ng	# 84
24) Nitrobenzene	8.48	77	261643	42.35	ng	92
25) Isophorone	8.89	82	481681	45.77	ng	95
26) 2-Nitrophenol	8.99	139	153456	46.03	ng	98
27) 2,4-Dimethylphenol	9.14	122	277690	51.52	ng	99
28) bis(2-Chloroethoxy)methane	9.26	93	277112	38.06	ng	99
29) 2,4-Dichlorophenol	9.43	162	234067	45.99	ng	99
30) 1,2,4-Trichlorobenzene	9.50	180	220990	40.53	ng	98
31) Naphthalene	9.61	128	2643786	141.53	ng	100
32) Benzoic acid	9.50	122	170205	48.09	ng	94
33) 4-Chloroaniline	9.80	127	26673	3.83	ng	# 95
34) Hexachlorobutadiene	9.82	225	105823	36.78	ng	97
35) Caprolactam	10.39	113	34804	22.77	ng	88
36) 4-Chloro-3-methylphenol	10.63	107	234981	43.19	ng	91
37) 2-Methylnaphthalene	10.73	142	687032	56.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	200488	36.75	ng	99
40) Hexachlorocyclopentadiene	10.98	237	100689	46.64	ng	99

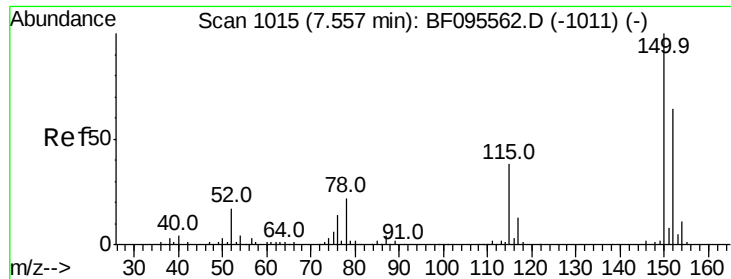
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	155587	42.72	nq	97
43) 2,4,5-Trichlorophenol	11.33	196	154766	39.53	nq	94
45) 1,1'-Biphenyl	11.50	154	650033	43.52	nq	97
46) 2-Chloronaphthalene	11.51	162	490433	40.67	nq	94
47) 2-Nitroaniline	11.73	65	137432	41.64	nq	86
48) Acenaphthylene	12.17	152	798414	42.27	nq	99
49) Dimethylphthalate	12.05	163	614346	42.19	nq	98
50) 2,6-Dinitrotoluene	12.15	165	134821	45.38	nq	92
51) Acenaphthene	12.45	154	520243	46.11	nq	99
52) 3-Nitroaniline	12.45	138	17004	5.33	nq	# 96
53) 2,4-Dinitrophenol	12.63	184	150052	90.78	nq	# 72
54) Dibenzofuran	12.74	168	774740	49.62	nq	98
55) 4-Nitrophenol	12.83	139	142153	74.22	nq	# 68
56) 2,4-Dinitrotoluene	12.82	165	190346	49.86	nq	# 85
57) Fluorene	13.29	166	590628	43.51	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.99	232	125061	50.76	nq	95
59) Diethylphthalate	13.20	149	565022	40.48	nq	98
60) 4-Chlorophenyl-phenylether	13.32	204	240624	40.33	nq	90
61) 4-Nitroaniline	13.42	138	46165	15.77	nq	90
62) Azobenzene	13.57	77	477329	42.56	nq	94
64) 4,6-Dinitro-2-methylphenol	13.49	198	88505	40.12	nq	# 70
65) n-Nitrosodiphenylamine	13.53	169	203061	17.00	nq	96
66) 4-Bromophenyl-phenylether	14.10	248	148175	42.62	nq	97
67) Hexachlorobenzene	14.19	284	148501	41.68	nq	# 88
68) Atrazine	14.44	200	37886	11.23	nq	96
69) Pentachlorophenol	14.55	266	108804	68.45	nq	99
70) Phenanthrene	14.84	178	899839	47.59	nq	98
71) Anthracene	14.92	178	833249	43.14	nq	98
72) Carbazole	15.21	167	449225	25.56	nq	98
73) Di-n-butylphthalate	15.79	149	963997	43.99	nq	98
74) Fluoranthene	16.60	202	875068	45.11	nq	99
77) Pyrene	16.90	202	865664	44.82	nq	99
79) Butylbenzylphthalate	17.81	149	383080	42.64	nq	# 86
80) Benzo(a)anthracene	18.49	228	659285	43.86	nq	98
82) Chrysene	18.53	228	641586	44.14	nq	99
83) Bis(2-ethylhexyl)phthalate	18.56	149	558451	43.63	nq	# 100
84) Di-n-octyl phthalate	19.33	149	846092	40.32	nq	96
85) Indeno(1,2,3-cd)pyrene	21.40	276	463714	39.29	nq	100
87) Benzo(b)fluoranthene	19.76	252	495851	73.25	nq	97
88) Benzo(k)fluoranthene	19.79	252	464888	71.20	nq	97
89) Benzo(a)pyrene	20.11	252	405286	64.89	nq	98
90) Dibenzo(a,h)anthracene	21.40	278	396229	76.81	nq	97
91) Benzo(g,h,i)perylene	21.76	276	386078	76.27	nq	98

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

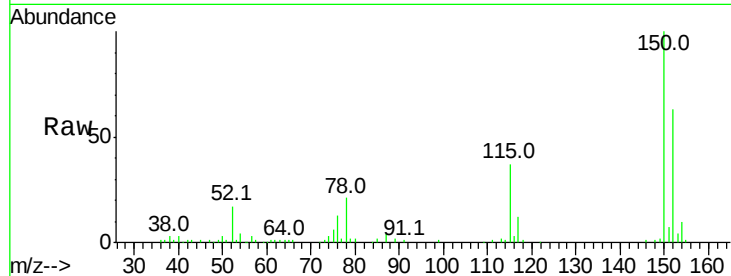


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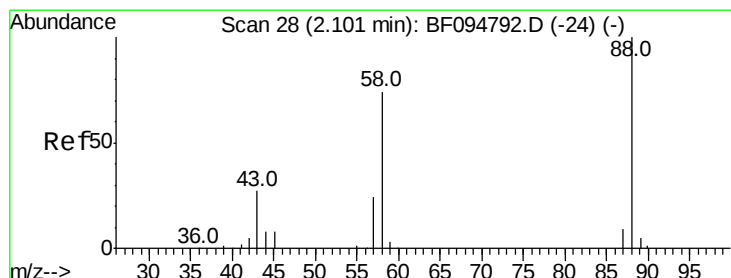
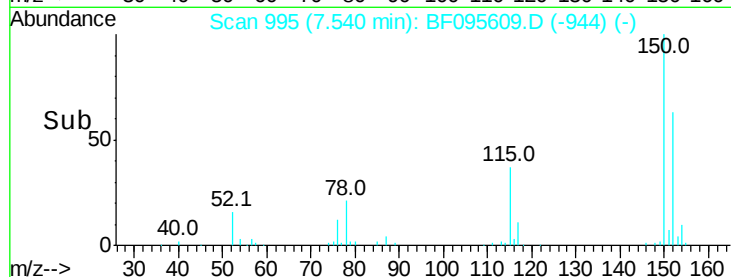
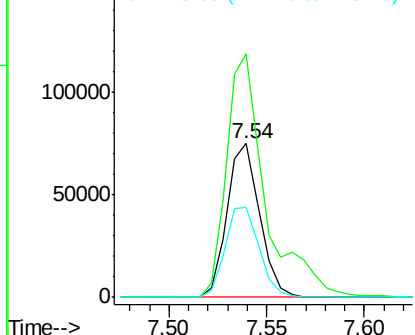
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86563
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 58.9 52.2 78.2



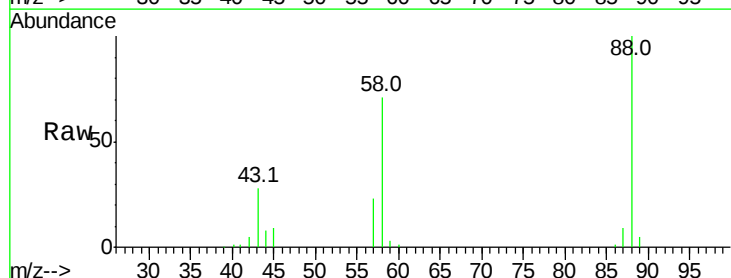
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



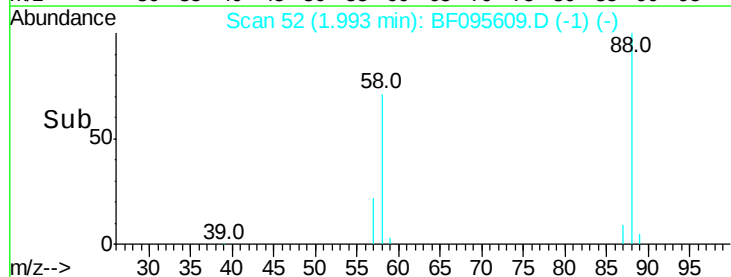
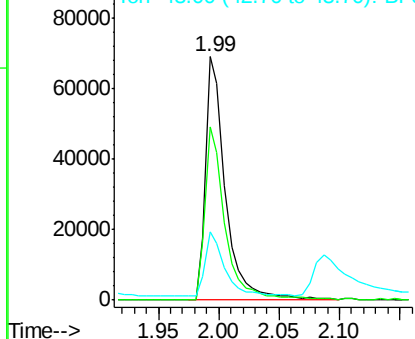
#2

1,4-Dioxane
Concen: 31.01 ng
RT: 1.99 min Scan# 52
Delta R.T. 0.14 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion: 88 Resp: 78968
Ion Ratio Lower Upper
88 100
58 71.8 61.4 92.0
43 0.0 23.4 35.0#



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

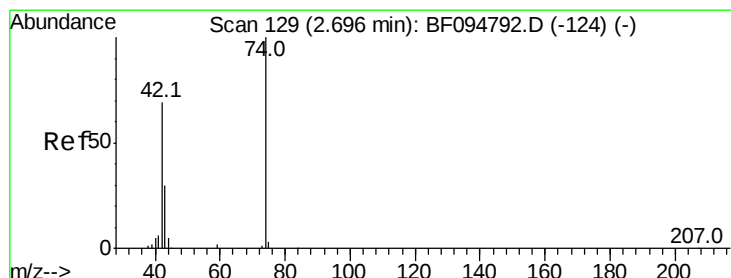
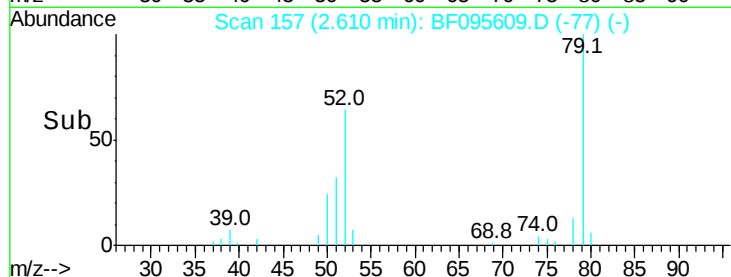
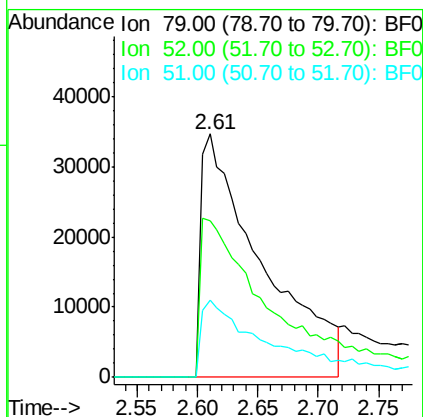
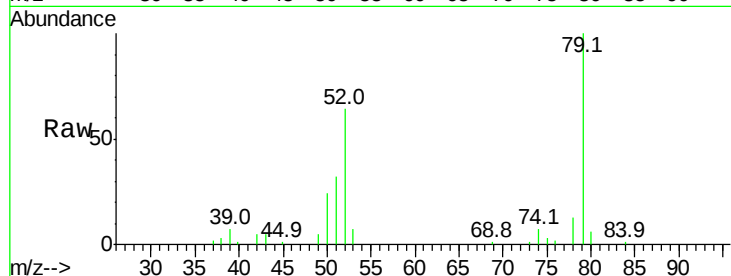




#3
 Pvridine
 Concen: 20.51 ng
 RT: 2.61 min Scan# 157
 Delta R.T. 0.17 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

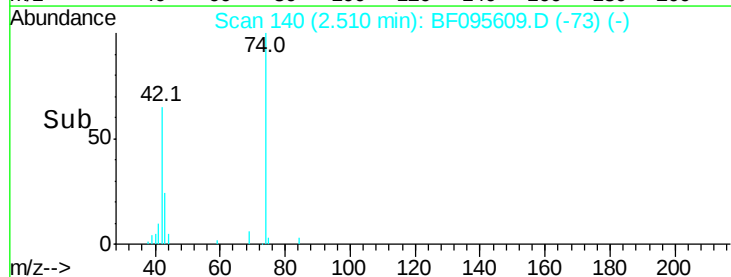
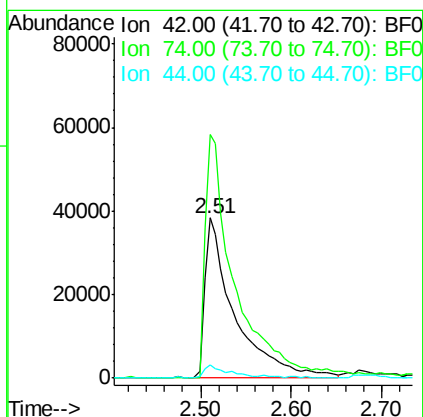
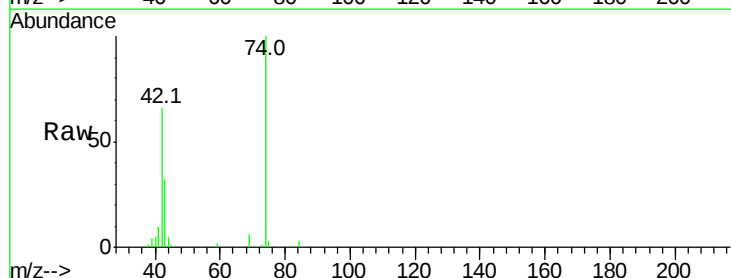
Instrument :
 BNA_F
 ClientSampled :

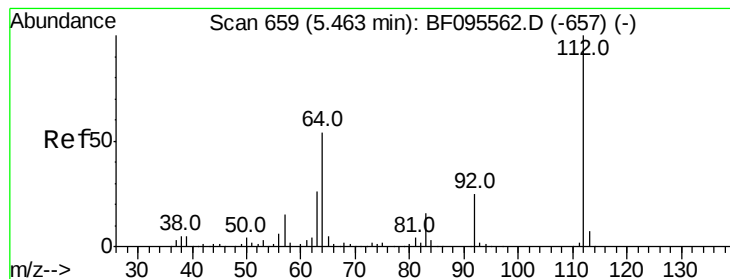
Tot Ion: 79 Resp: 121070
 Ion Ratio Lower Upper
 79 100
 52 64.2 54.8 82.2
 51 31.6 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 35.88 ng
 RT: 2.51 min Scan# 140
 Delta R.T. 0.09 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion: 42 Resp: 88253
 Ion Ratio Lower Upper
 42 100
 74 152.2 103.9 155.9
 44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 134.15 ng

RT: 5.47 min Scan# 644

Delta R.T. 0.03 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

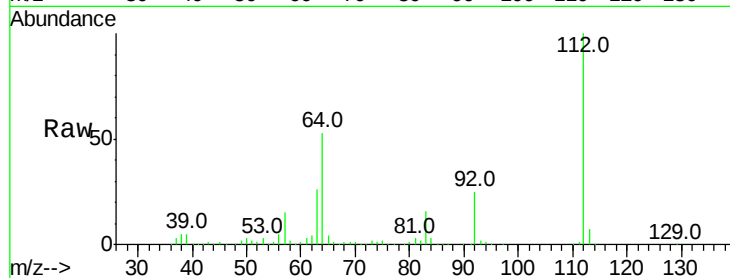
Tot Ion:112 Resp: 696529

Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

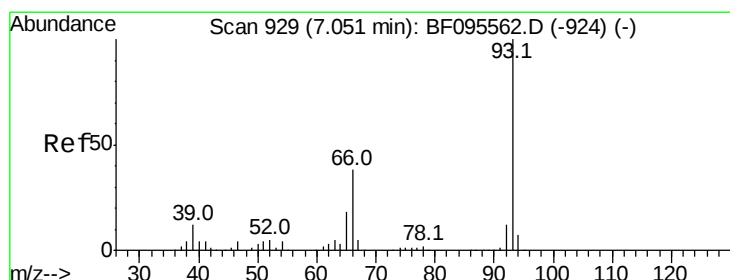
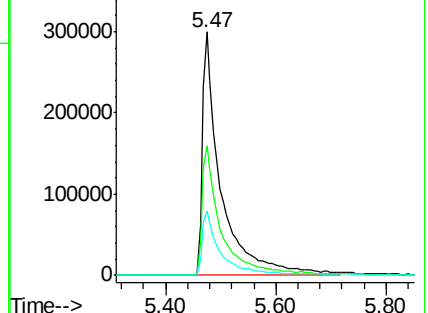
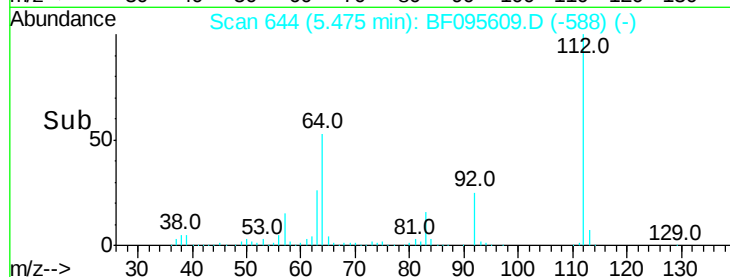
63 26.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 3.26 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.03 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

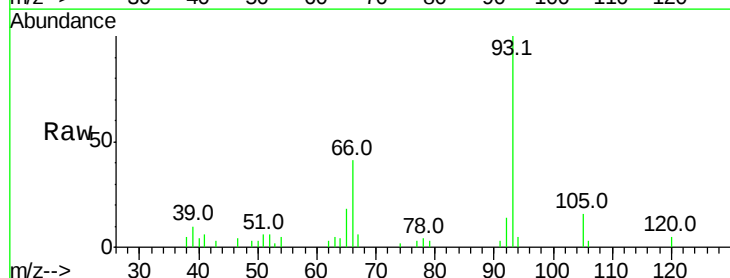
Tgt Ion: 93 Resp: 25609

Ion Ratio Lower Upper

93 100

66 41.0 32.9 49.3

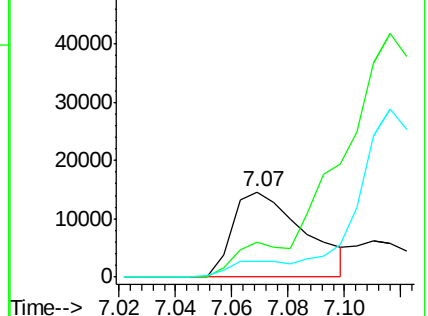
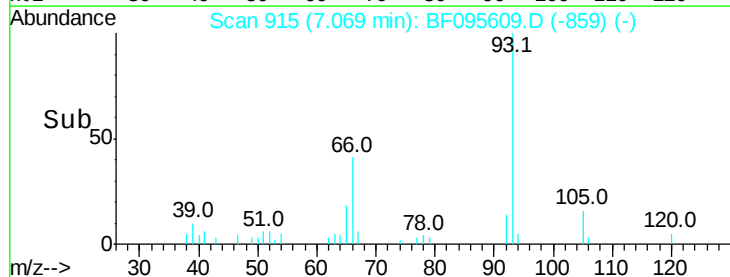
65 18.4 16.0 24.0

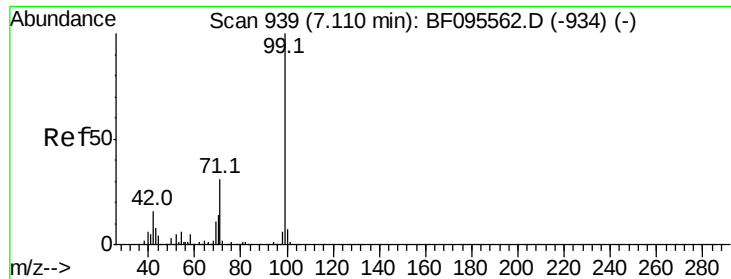


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.89 ng

RT: 7.10 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampled :

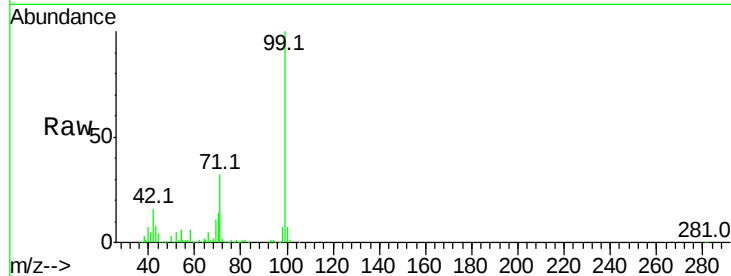
Tot Ion: 99 Resp: 771775

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

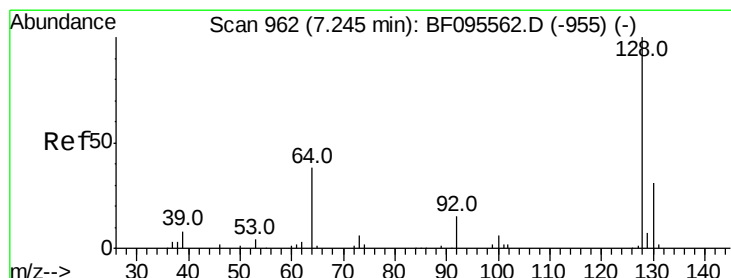
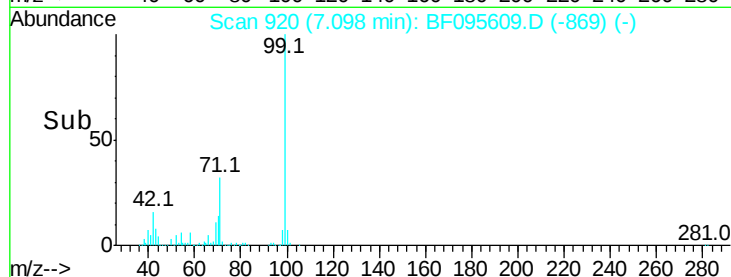
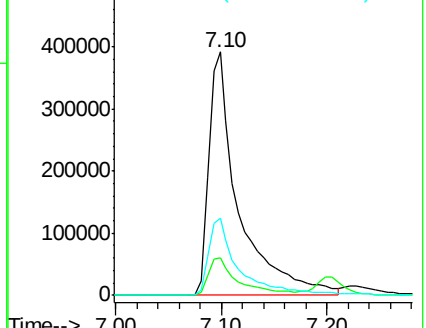
71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.40 ng

RT: 7.23 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

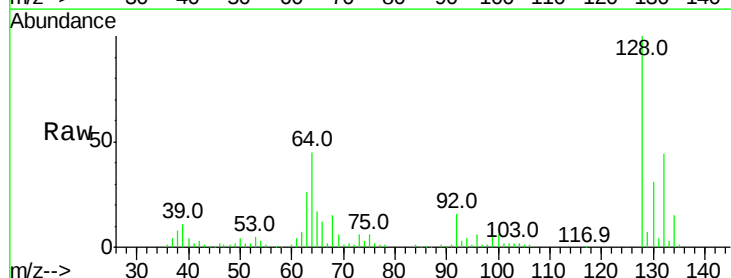
Tgt Ion: 128 Resp: 262378

Ion Ratio Lower Upper

128 100

130 31.1 12.9 52.9

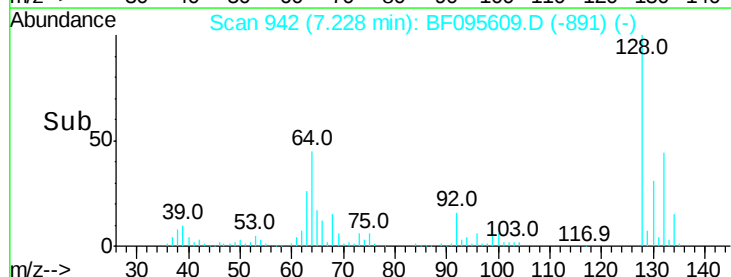
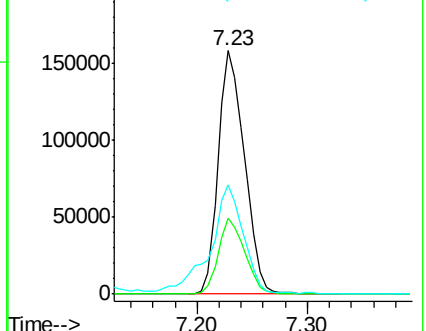
64 44.9 28.4 68.4

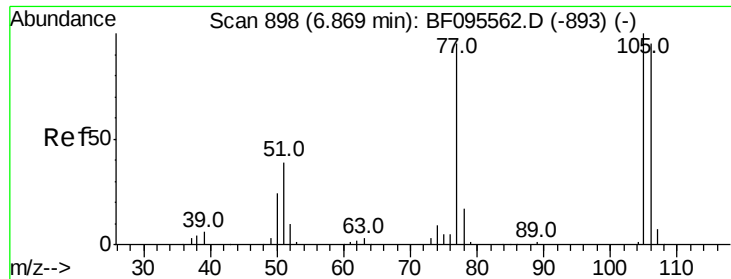


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

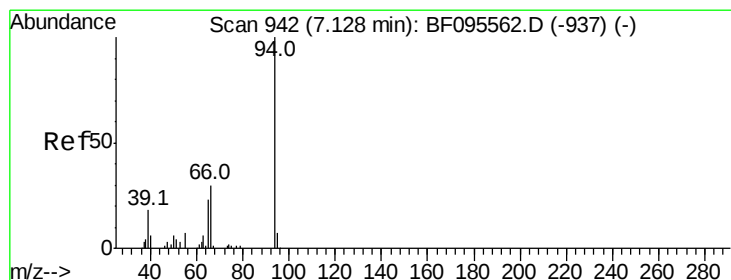
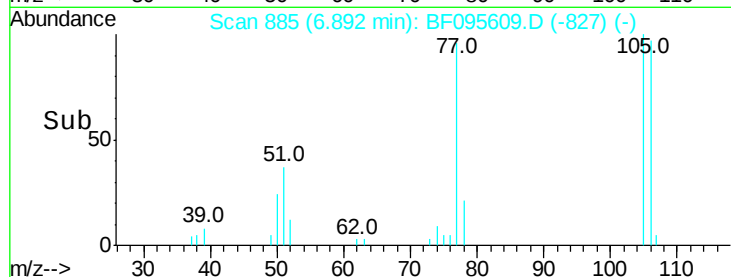
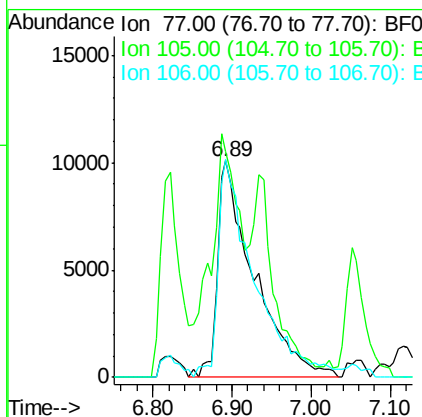
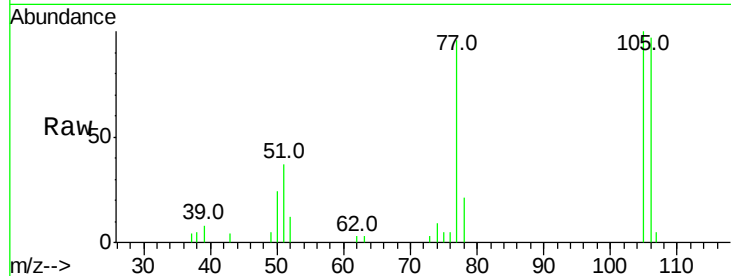




#9
Benzaldehyde
Concen: 8.43 ng
RT: 6.89 min Scan# 885
Delta R.T. 0.04 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

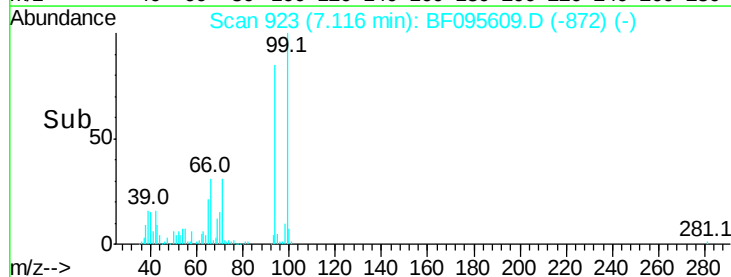
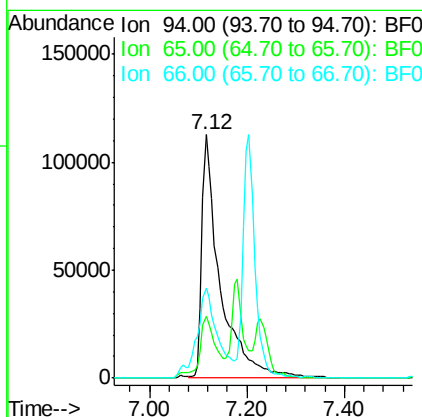
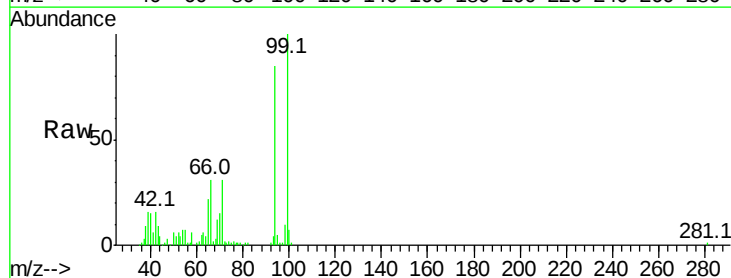
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BNA_F
ClientSampleId :

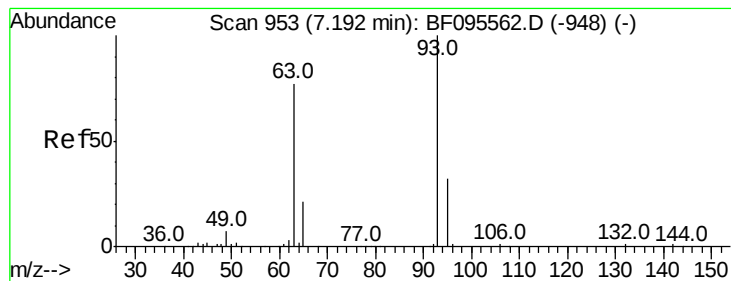
Tot Ion: 77 Resp: 32068
Ion Ratio Lower Upper
77 100
105 104.1 83.8 123.8
106 101.0 79.1 119.1



#10
Phenol
Concen: 43.96 ng
RT: 7.12 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion: 94 Resp: 288581
Ion Ratio Lower Upper
94 100
65 25.6 9.9 49.9
66 37.0 23.1 63.1

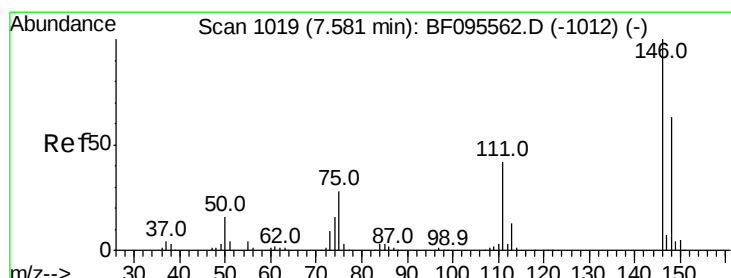
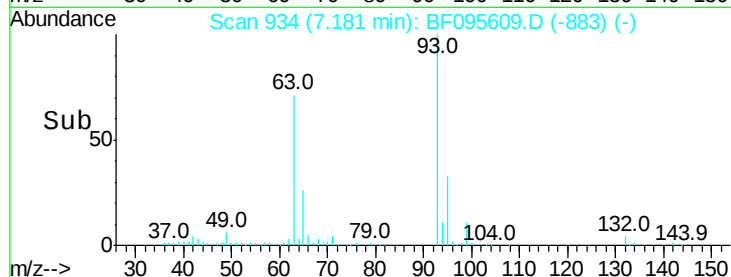
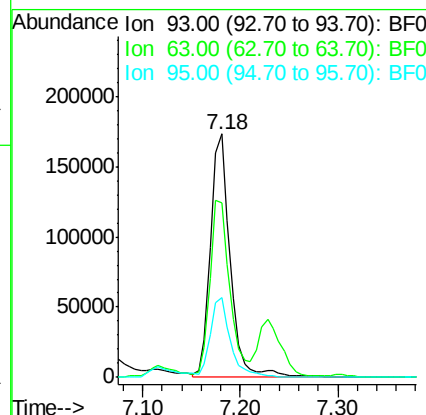
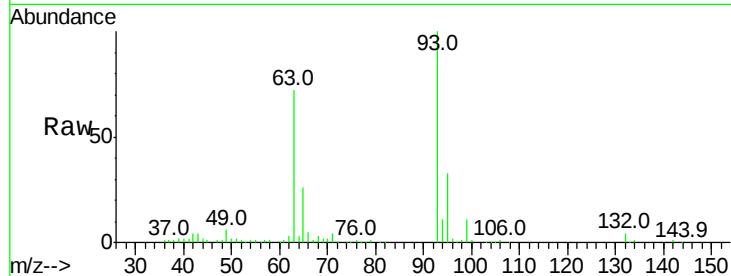




#11
 bis(2-Chloroethyl)ether
 Concen: 44.68 ng
 RT: 7.18 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

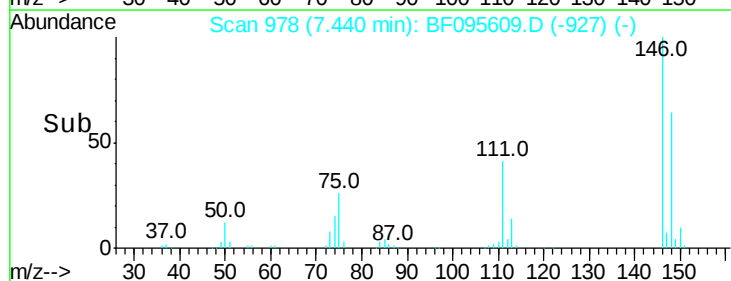
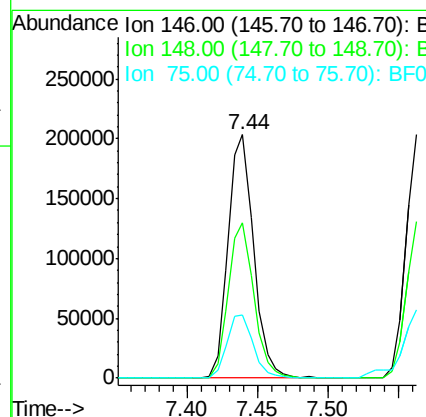
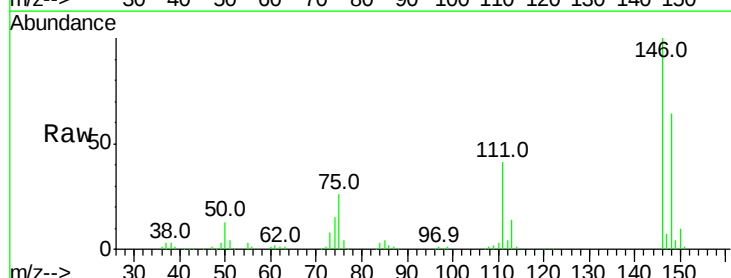
Instrument :
 BNA_F
 ClientSampleId :

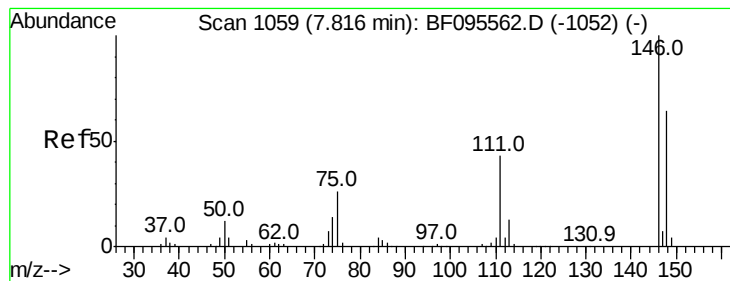
Tot Ion: 93 Resp: 242120
 Ion Ratio Lower Upper
 93 100
 63 71.6 59.2 99.2
 95 32.5 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.35 ng
 RT: 7.44 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion: 146 Resp: 257066
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 75 26.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.31 ng

RT: 7.56 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

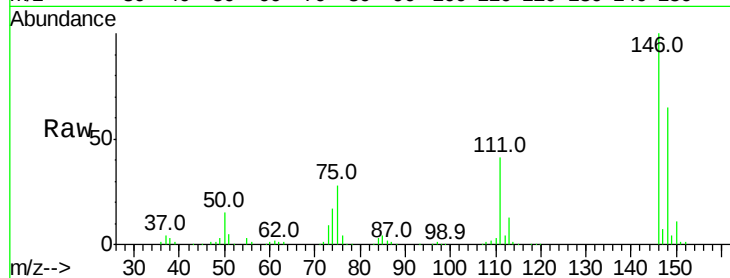
Tot Ion:146 Resp: 267237

Ion Ratio Lower Upper

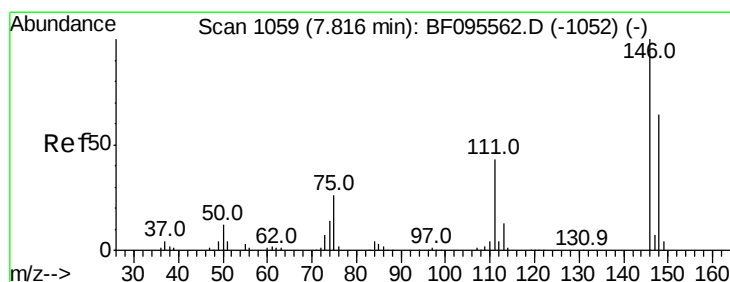
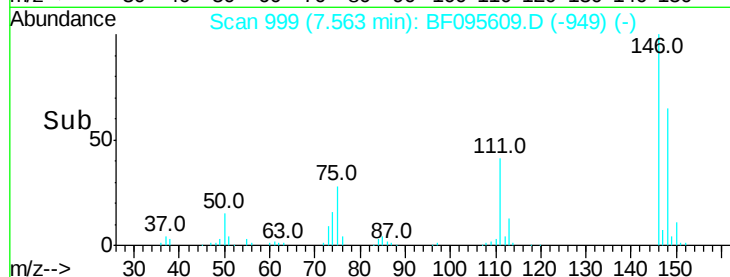
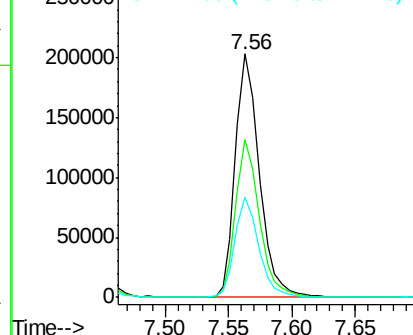
146 100

148 64.6 52.2 78.2

111 41.3 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 40.24 ng

RT: 7.80 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

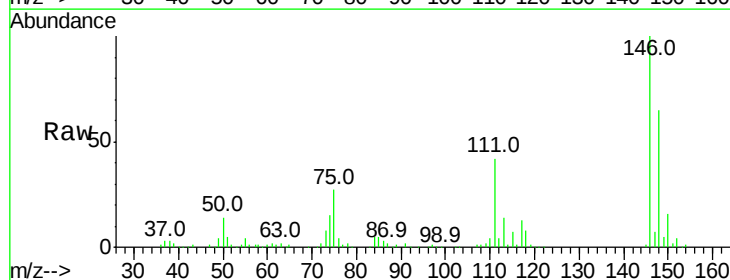
Tgt Ion:146 Resp: 255375

Ion Ratio Lower Upper

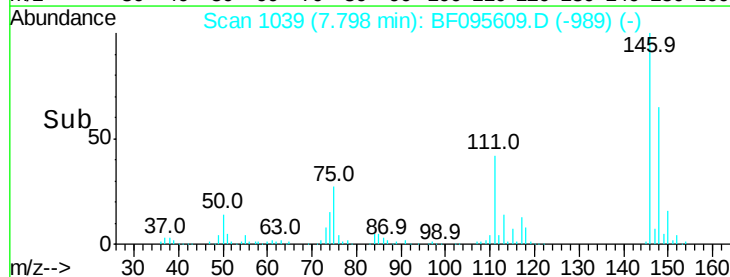
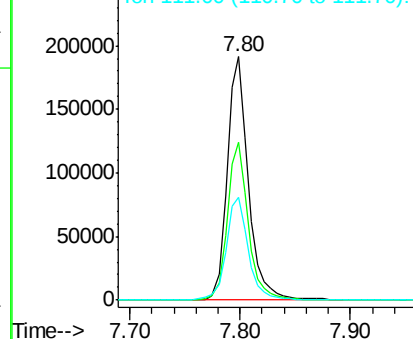
146 100

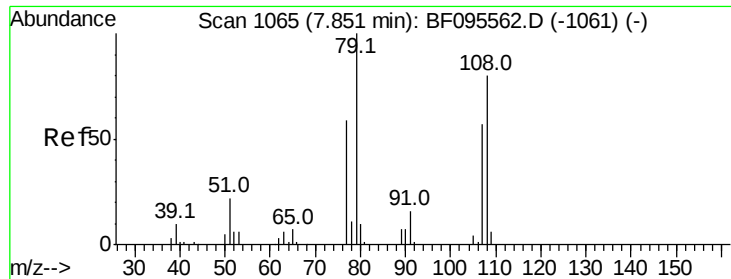
148 64.8 50.4 75.6

111 42.3 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 37.17 ng

RT: 7.85 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

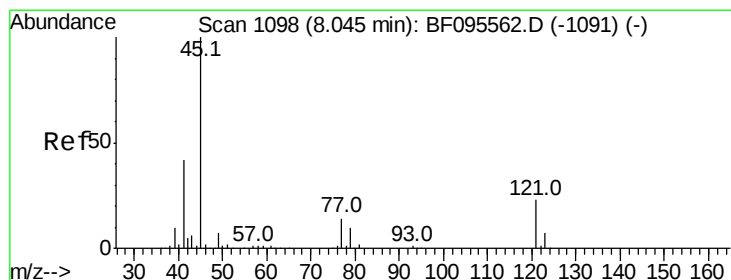
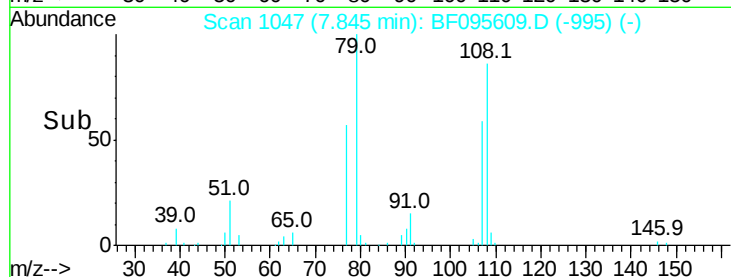
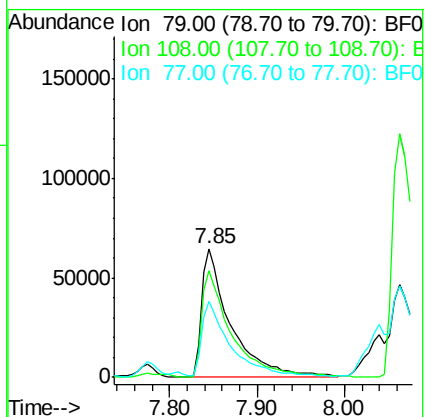
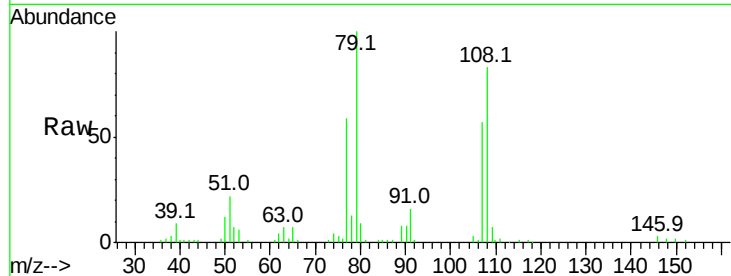
Tot Ion: 79 Resp: 148917

Ion Ratio Lower Upper

79 100

108 83.4 63.4 95.0

77 59.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.96 ng

RT: 8.04 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

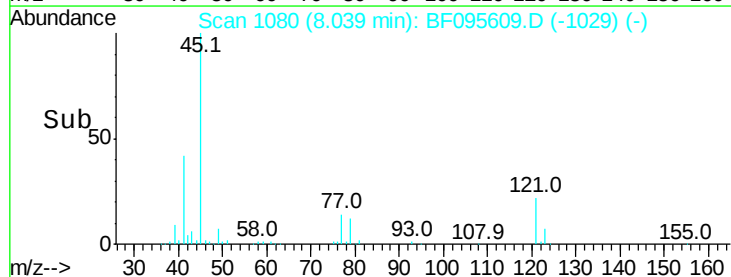
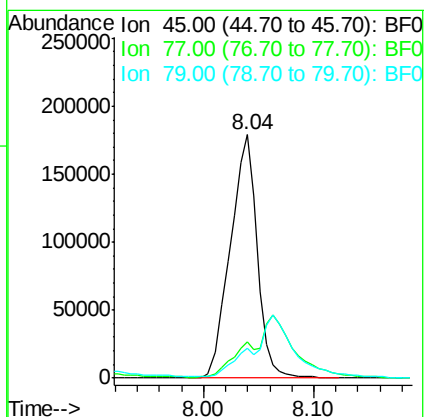
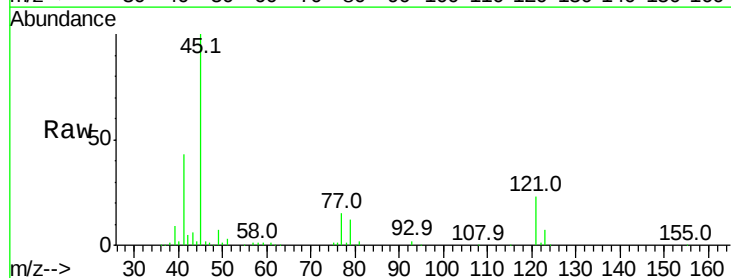
Tgt Ion: 45 Resp: 306477

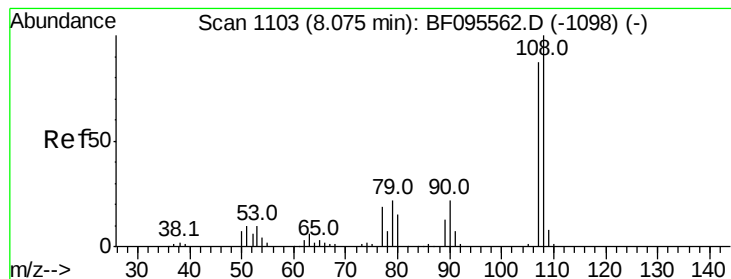
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

79 12.1 0.0 30.0

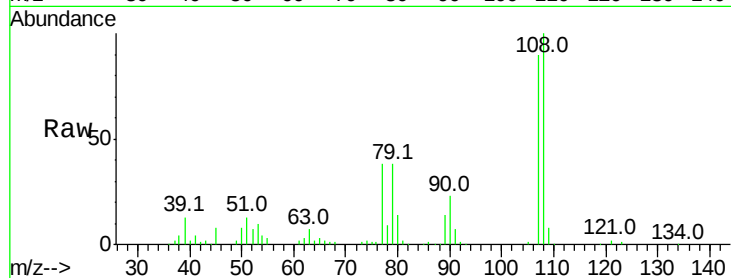




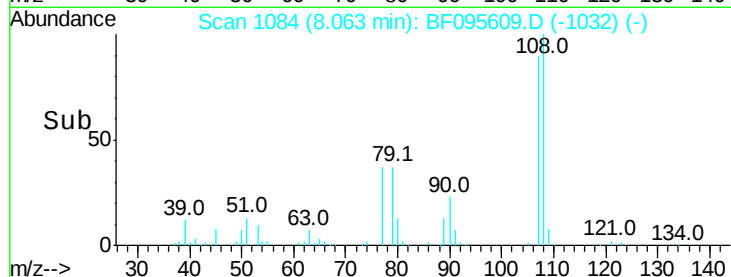
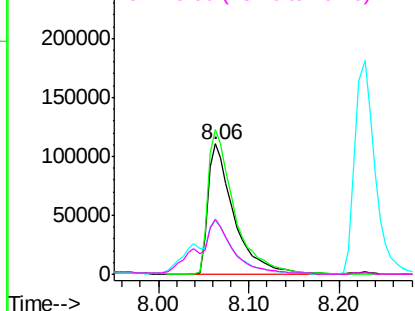
#17
2-Methylphenol
Concen: 45.94 ng
RT: 8.06 min Scan# 1084
Delta R.T. 0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 222179
Ion Ratio Lower Upper
107 100
108 110.6 93.4 140.0
77 41.7 35.8 53.6
79 42.1 34.8 52.2

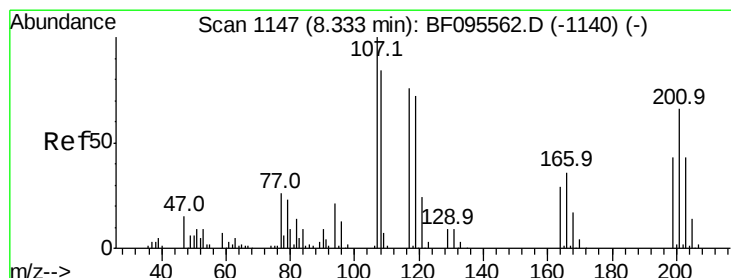


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

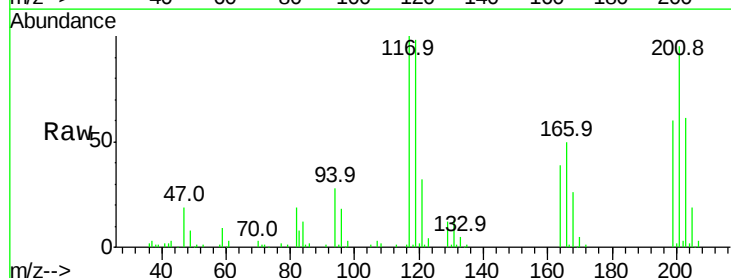
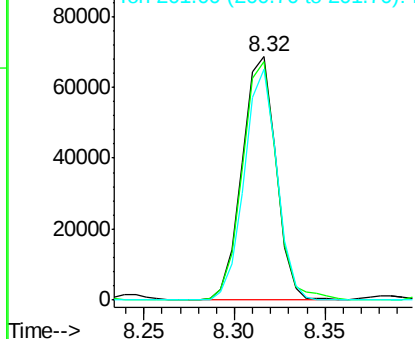


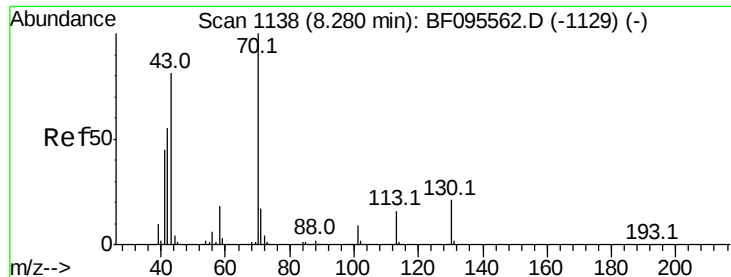
#18
Hexachloroethane
Concen: 38.81 ng
RT: 8.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:117 Resp: 89368
Ion Ratio Lower Upper
117 100
119 98.2 77.4 116.0
201 94.7 94.6 141.8



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

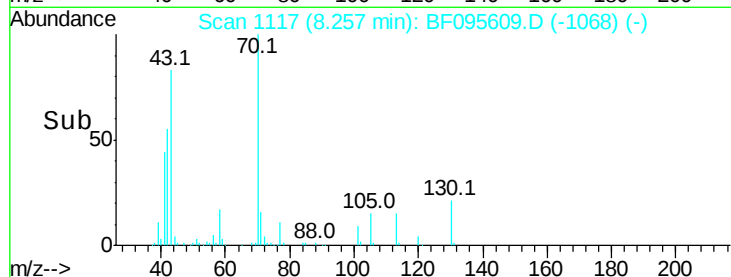
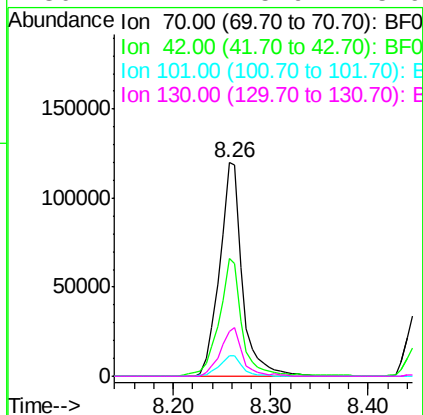
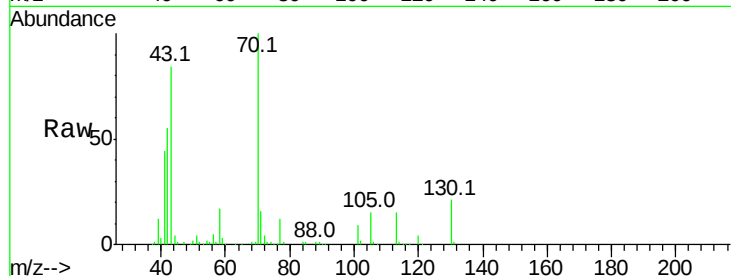




#19
n-Nitroso-di-n-propylamine
Concen: 46.01 ng
RT: 8.26 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

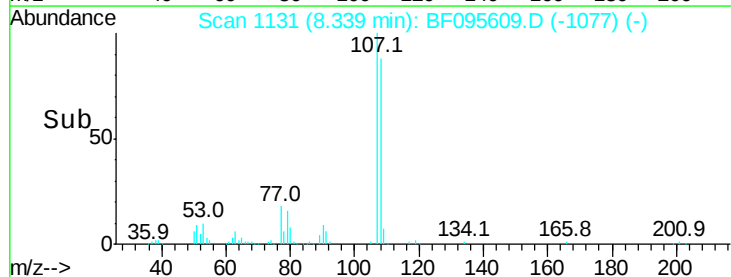
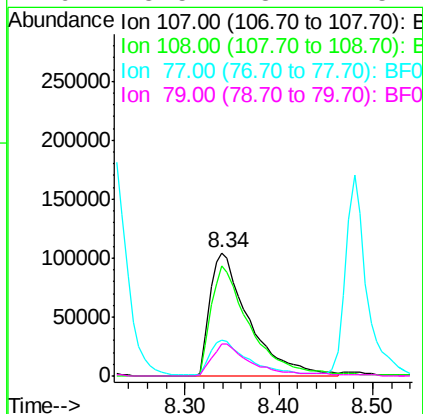
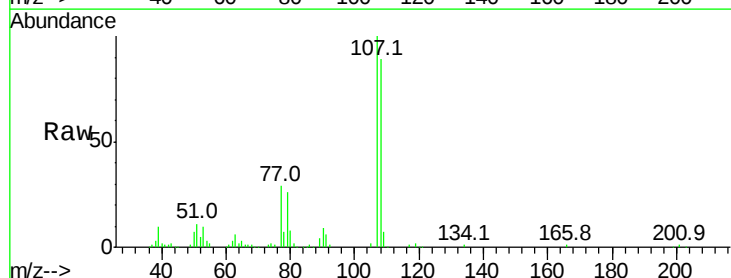
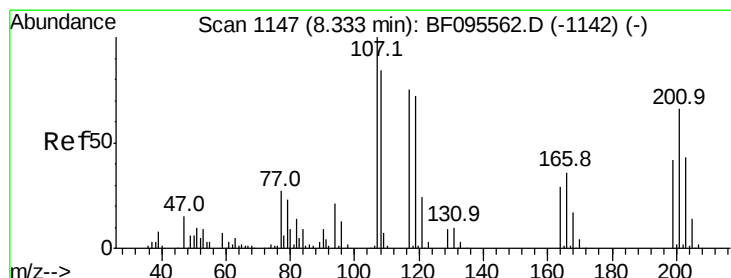
Instrument :
BNA_F
ClientSampleId :

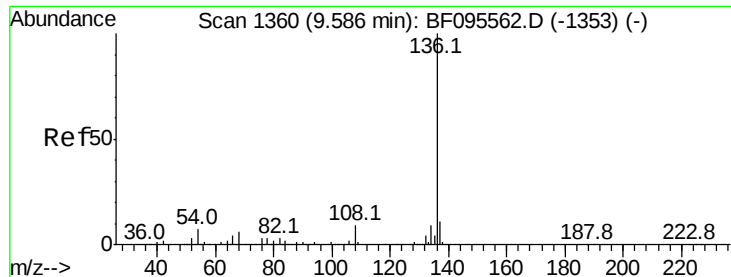
Tot Ion: 70 Resp: 193870
Ion Ratio Lower Upper
70 100
42 54.9 47.2 70.8
101 9.4 7.2 10.8
130 21.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 46.17 ng
RT: 8.34 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion: 107 Resp: 303449
Ion Ratio Lower Upper
107 100
108 88.6 71.0 111.0
77 29.4 90.5 130.5#
79 25.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 371683

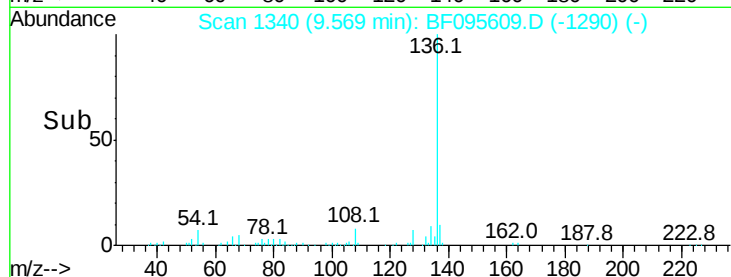
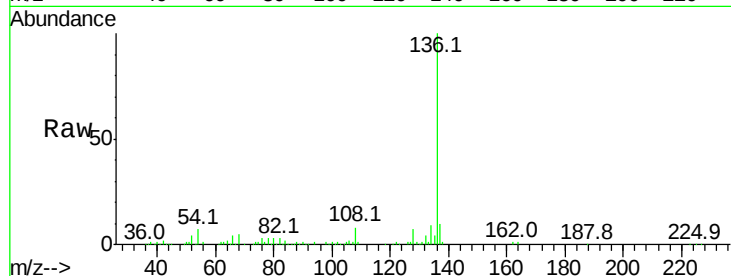
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

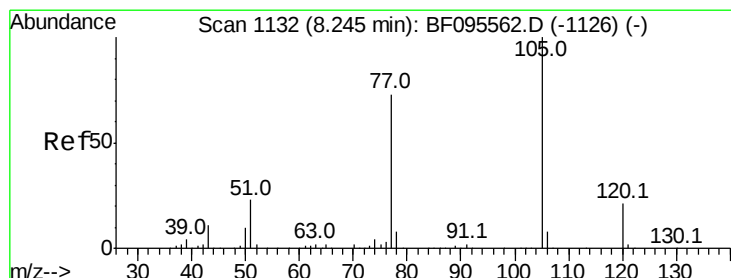
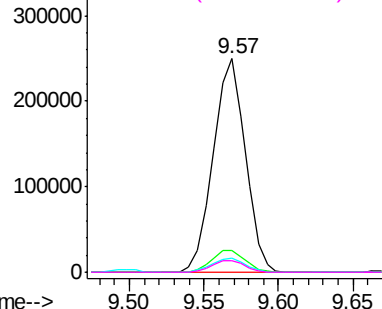


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.44 ng

RT: 8.23 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Tgt Ion:105 Resp: 387415

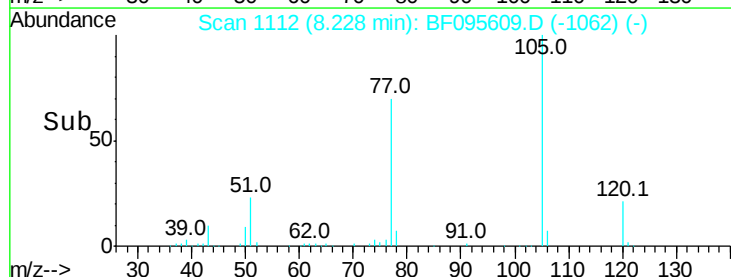
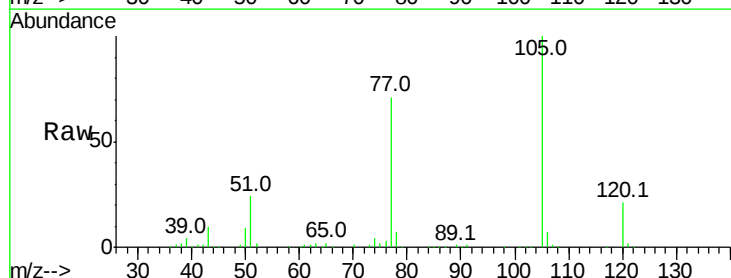
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.5 30.7 46.1#

120 21.3 17.4 26.0

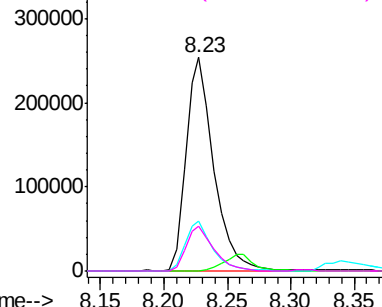


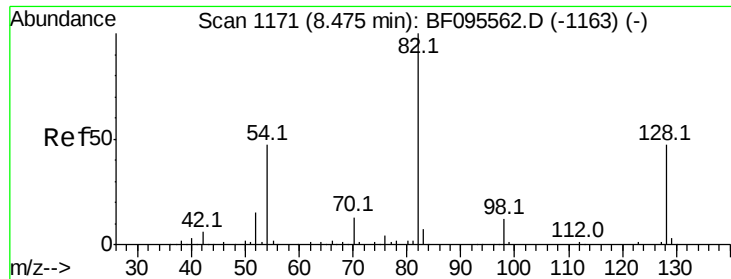
Abundance Ion 105.00 (104.70 to 105.70): E

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

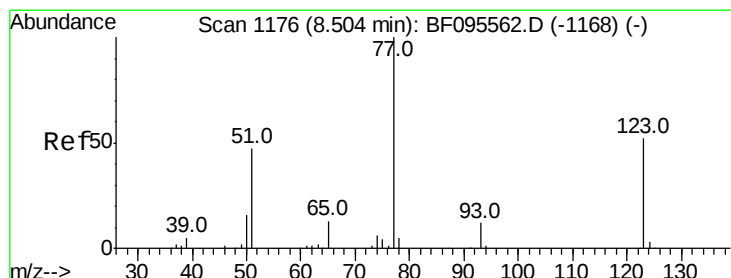
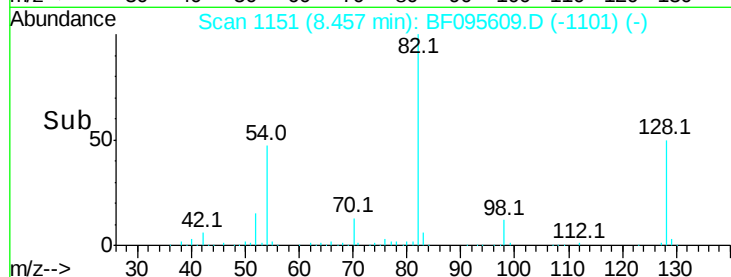
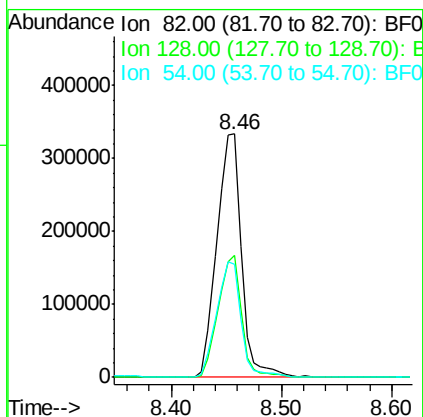
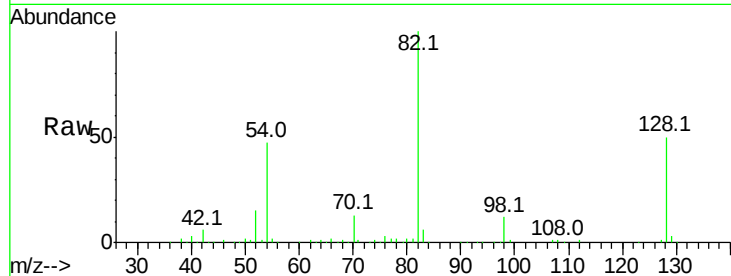




#23
 Nitrobenzene-d5
 Concen: 88.29 ng
 RT: 8.46 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

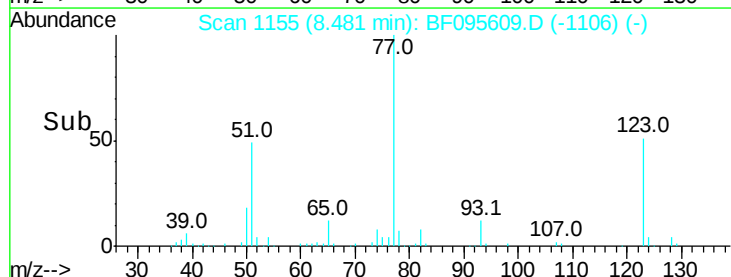
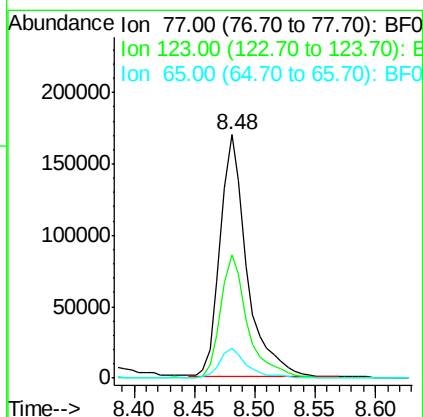
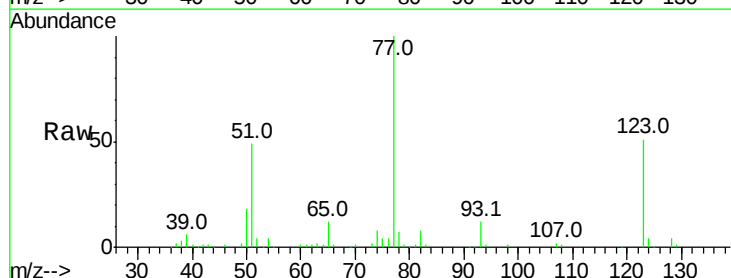
Instrument :
 BNA_F
 ClientSampleId :

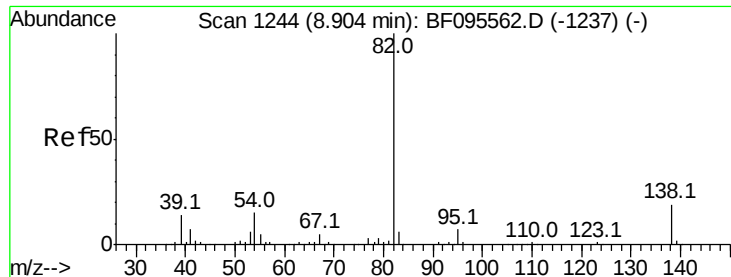
Tot Ion	82	Resp	520391
Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.0	51.0
54	46.6	42.2	63.2



#24
 Nitrobenzene
 Concen: 42.35 ng
 RT: 8.48 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion	77	Resp	261643
Ion	Ratio	Lower	Upper
77	100		
123	50.8	35.8	53.8
65	12.3	10.6	15.8





#25

Isophorone

Concen: 45.77 ng

RT: 8.89 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

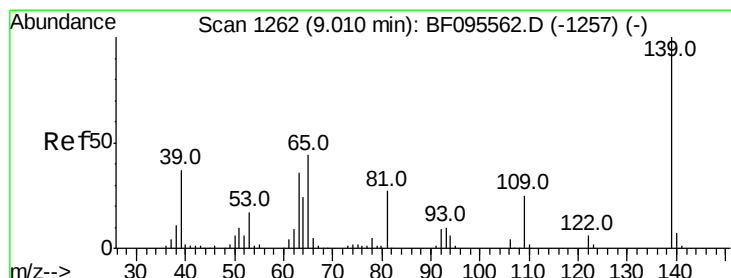
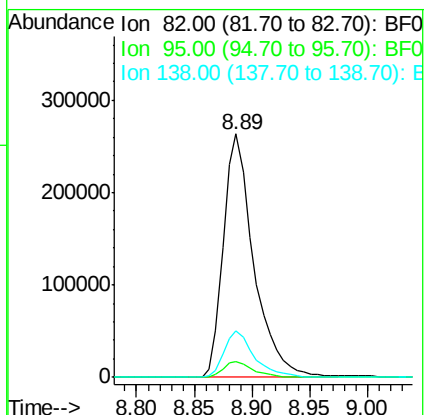
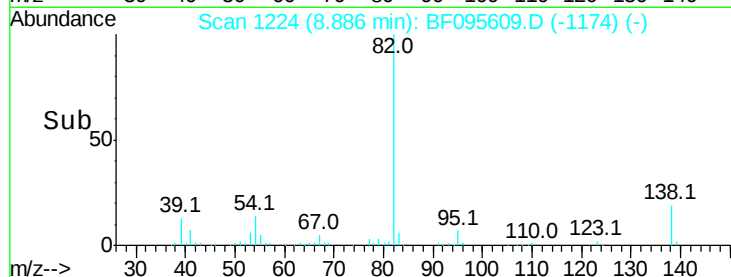
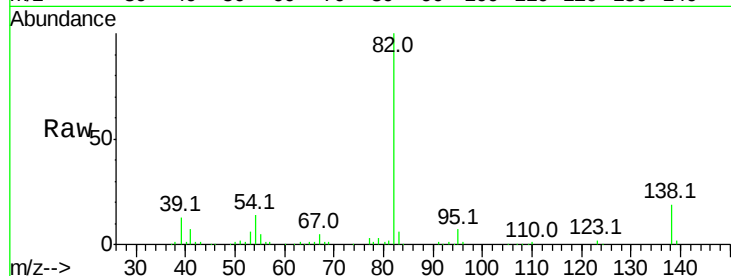
Tot Ion: 82 Resp: 481681

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 46.03 ng

RT: 8.99 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

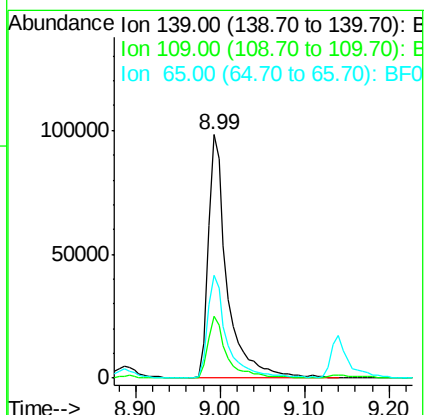
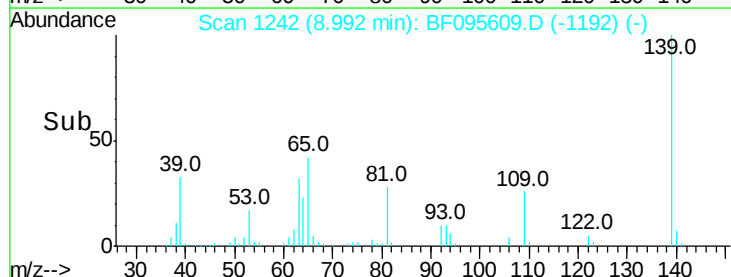
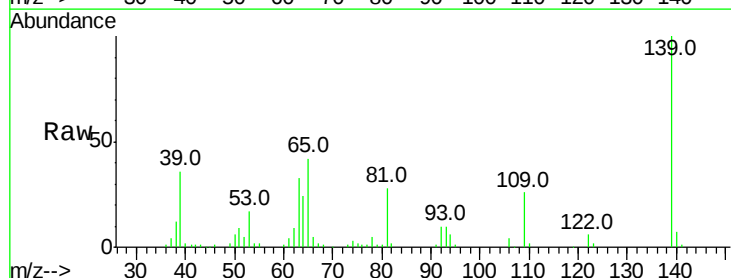
Tgt Ion:139 Resp: 153456

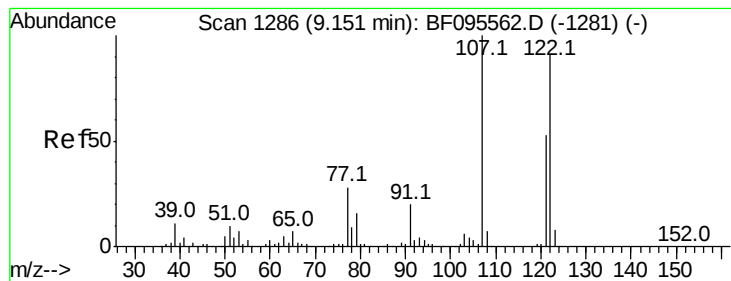
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

65 42.5 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 51.52 ng

RT: 9.14 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

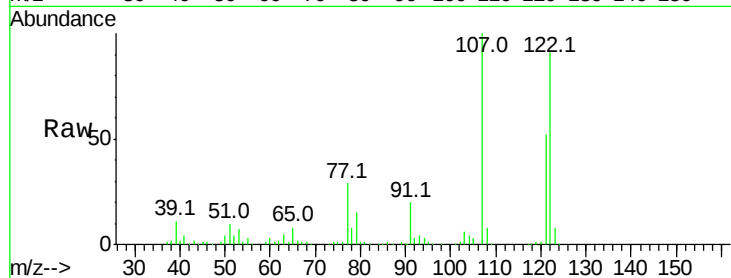
Tot Ion:122 Resp: 277690

Ion Ratio Lower Upper

122 100

107 109.8 89.2 133.8

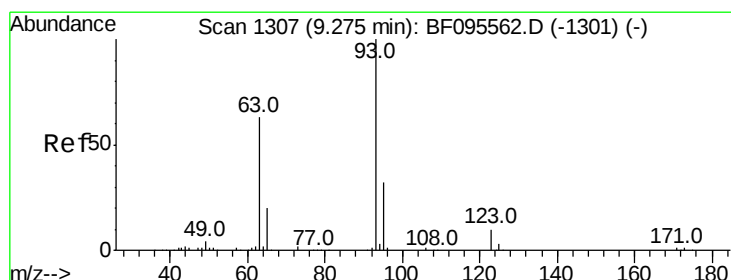
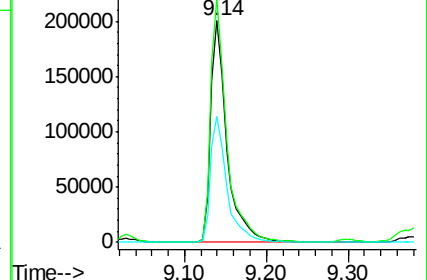
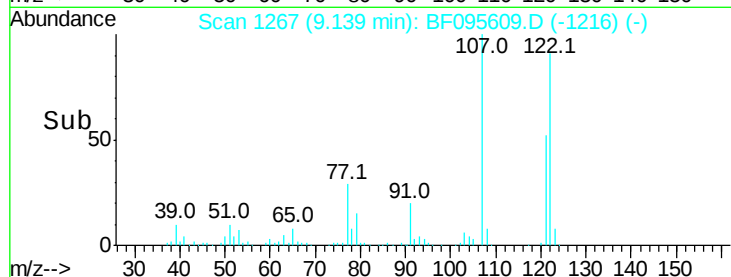
121 56.6 45.2 67.8



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: 38.06 ng

RT: 9.26 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

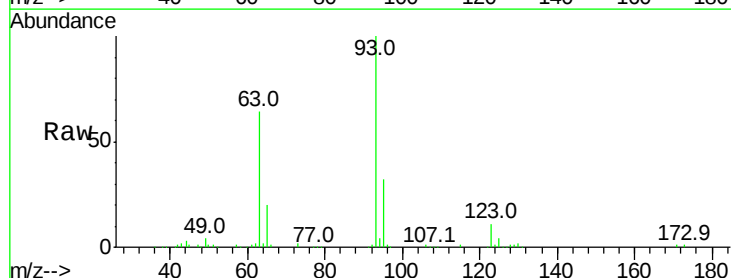
Tgt Ion: 93 Resp: 277112

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

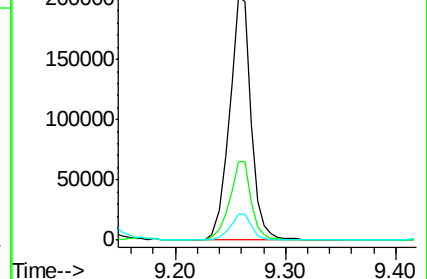
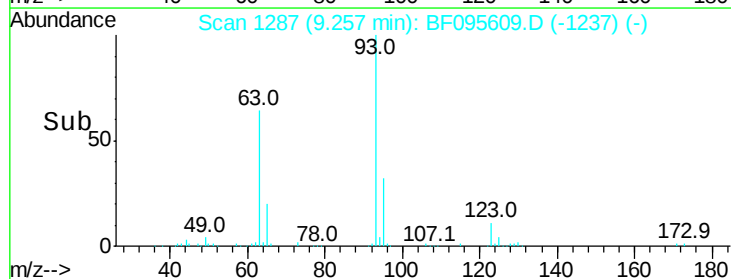
123 10.6 9.0 13.4

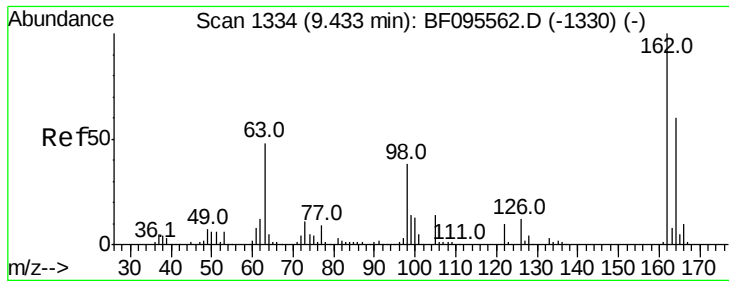


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

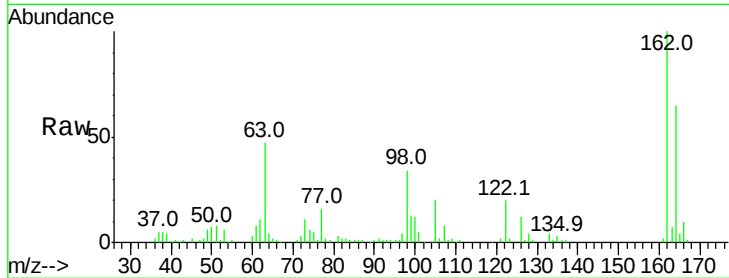




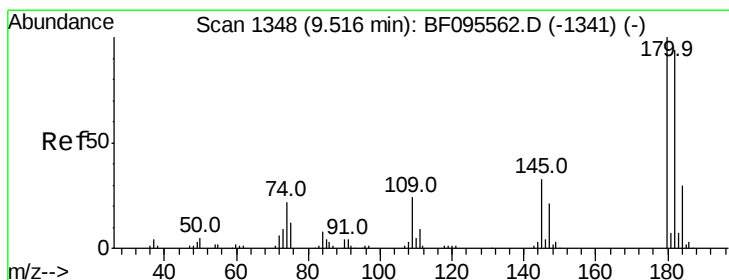
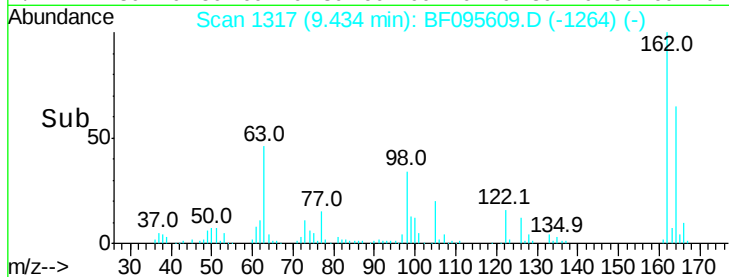
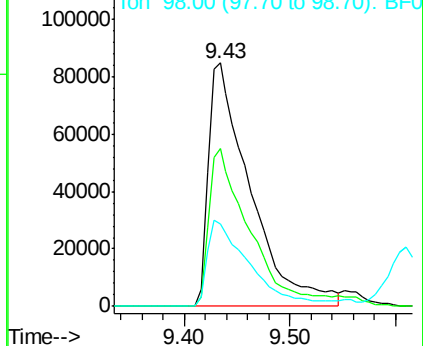
#29
 2,4-Dichlorophenol
 Concen: 45.99 ng
 RT: 9.43 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	34.0	14.8	54.8

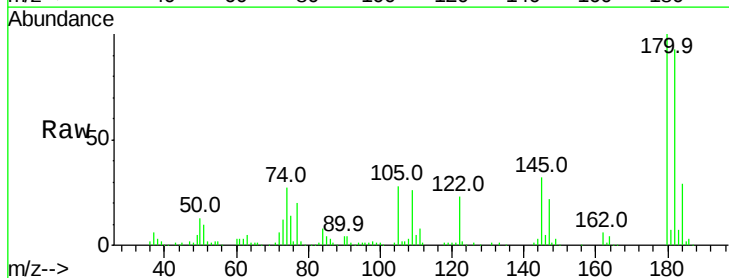


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

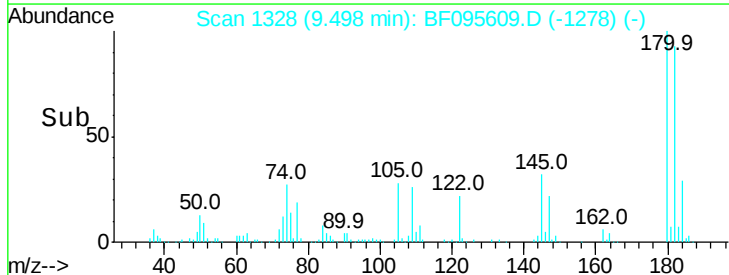
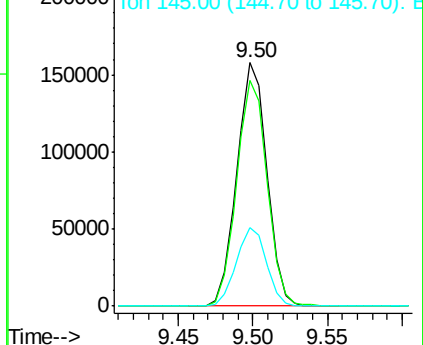


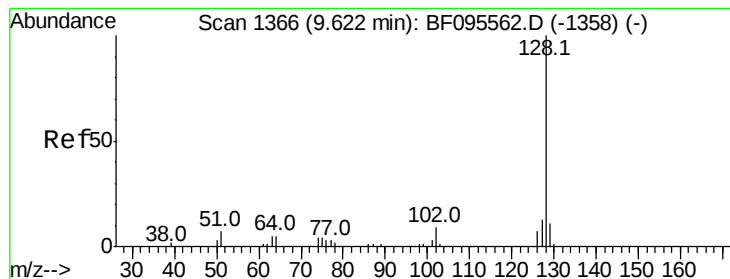
#30
 1,2,4-Trichlorobenzene
 Concen: 40.53 ng
 RT: 9.50 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.6
145	32.3	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: 141.53 ng

RT: 9.61 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

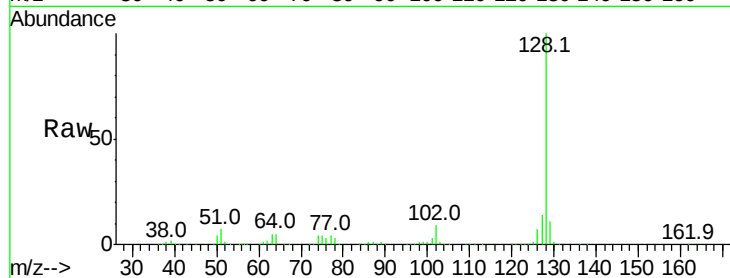
Tot Ion:128 Resp: 2643786

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

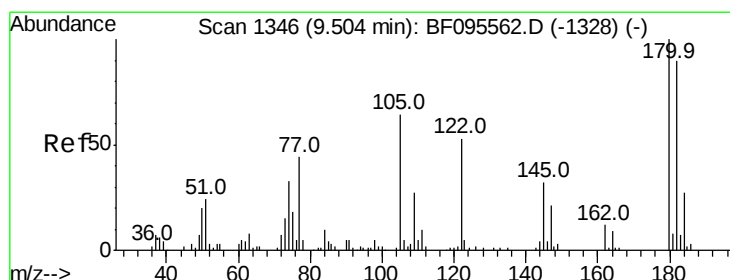
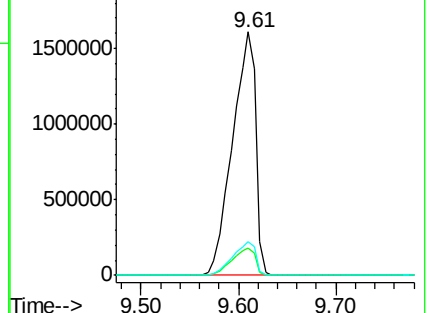
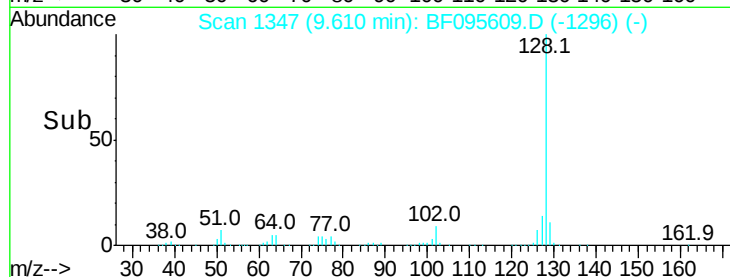
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.09 ng

RT: 9.50 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

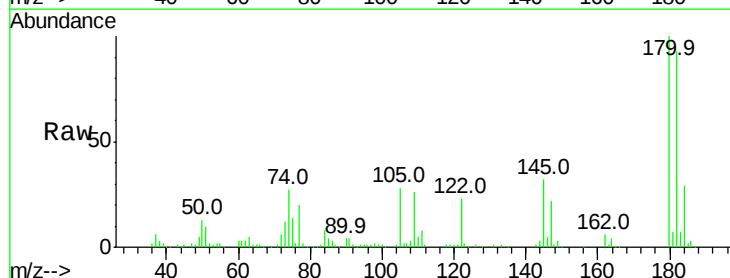
Tgt Ion:122 Resp: 170205

Ion Ratio Lower Upper

122 100

105 117.8 103.3 143.3

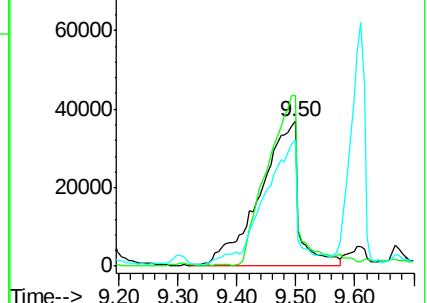
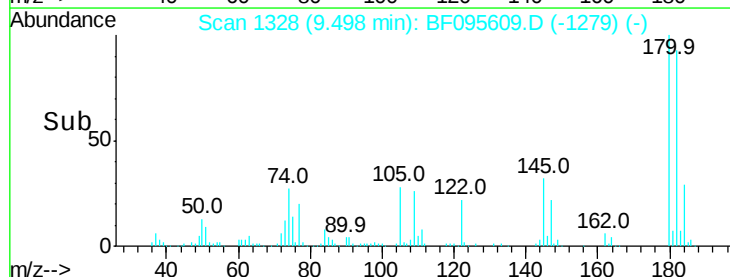
77 86.5 73.7 113.7

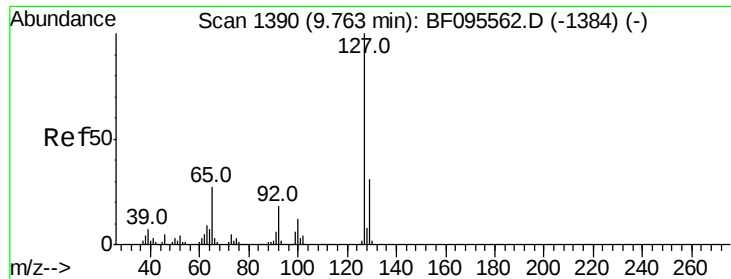


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

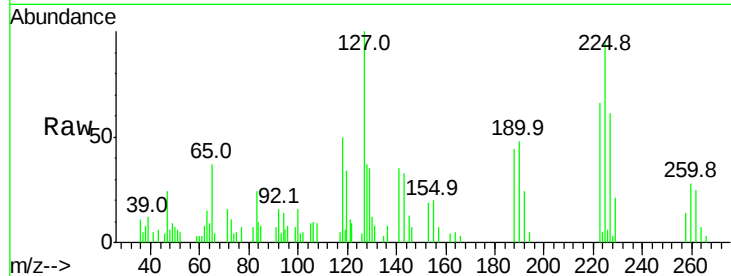




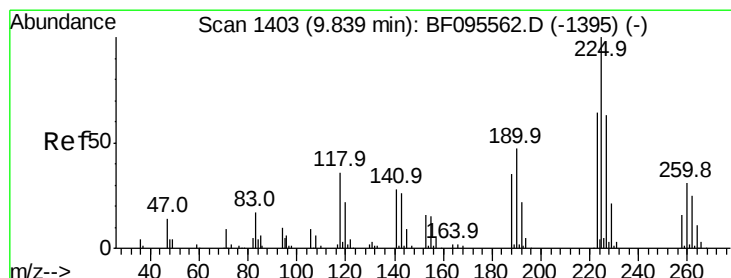
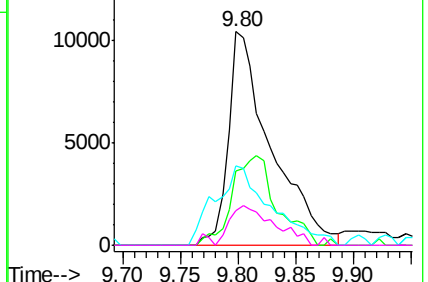
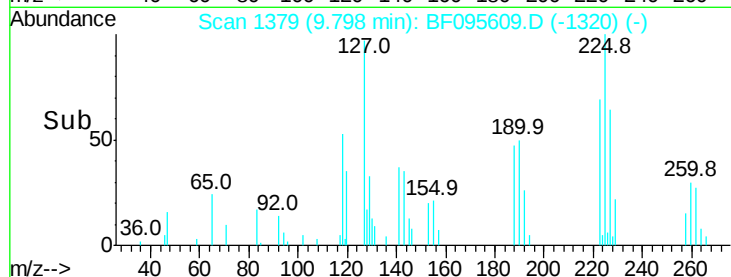
#33
4-Chloroaniline
Concen: 3.83 ng
RT: 9.80 min Scan# 1379
Delta R.T. 0.05 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	26673
Ion Ratio	Lower	Upper
127	100	
129	34.8	26.2 39.2
65	36.9	27.8 41.8
92	16.3	16.8 25.2#

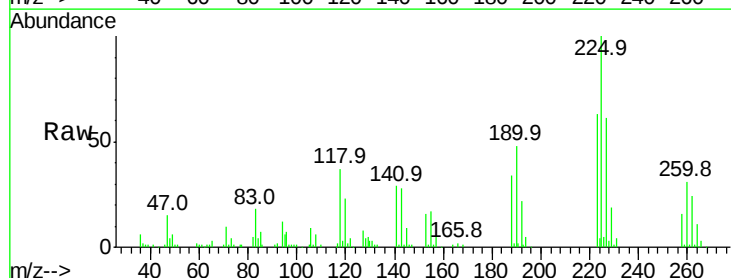


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

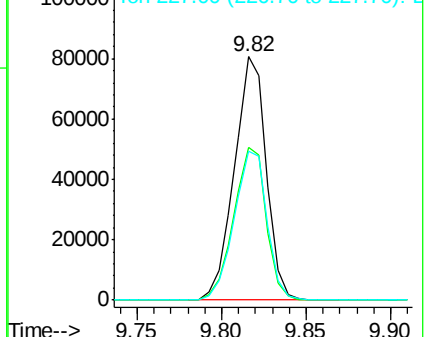
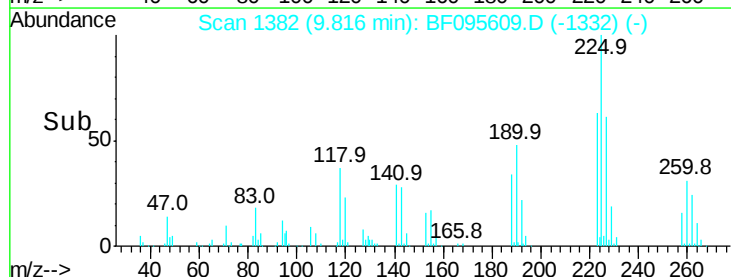


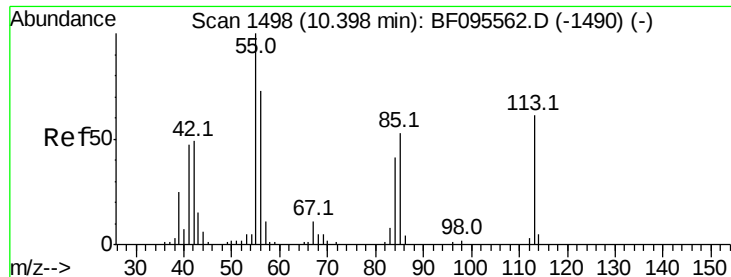
#34
Hexachlorobutadiene
Concen: 36.78 ng
RT: 9.82 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:225	Resp:	105823
Ion Ratio	Lower	Upper
225	100	
223	62.8	48.8 73.2
227	61.2	51.1 76.7



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





#35

Caprolactam

Concen: 22.77 ng

RT: 10.39 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

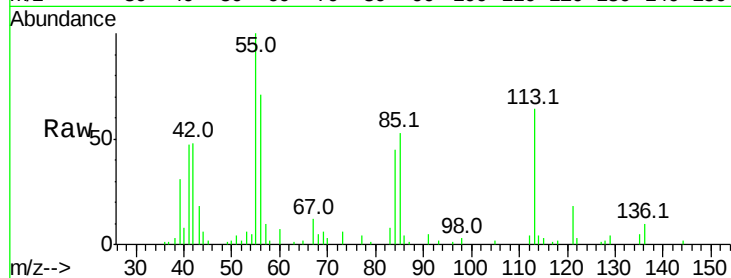
Tot Ion:113 Resp: 34804

Ion Ratio Lower Upper

113 100

55 156.0 150.2 190.2

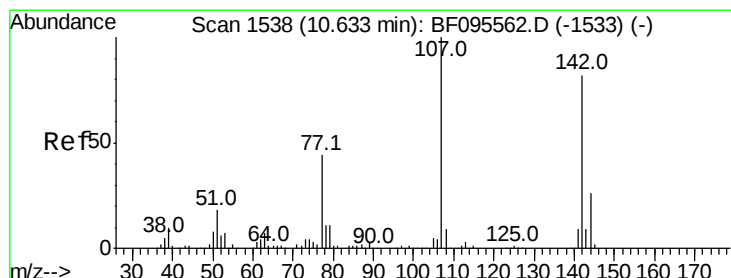
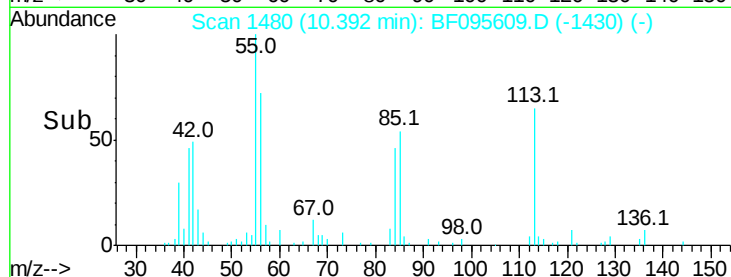
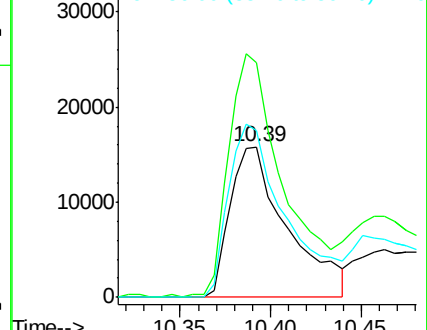
56 110.5 107.8 147.8



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: 43.19 ng

RT: 10.63 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

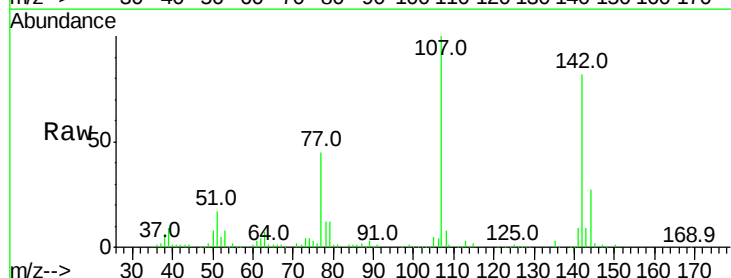
Tgt Ion:107 Resp: 234981

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

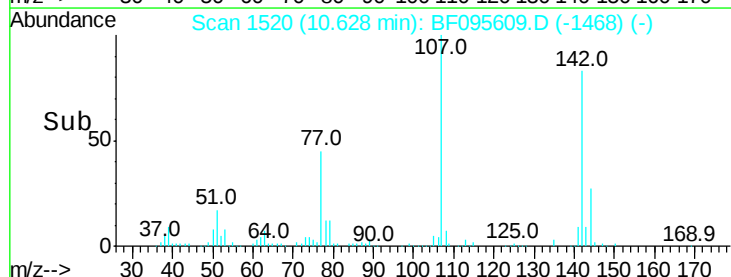
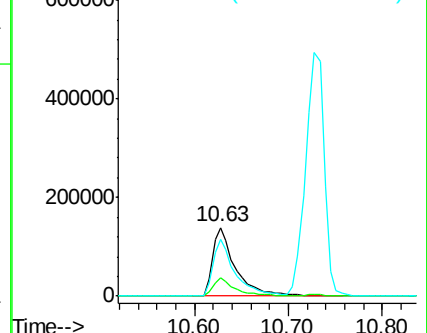
142 82.2 73.4 110.0

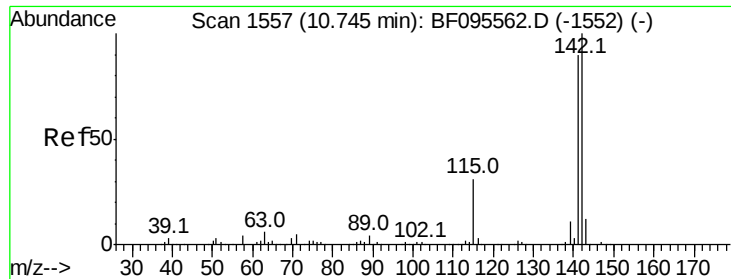


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

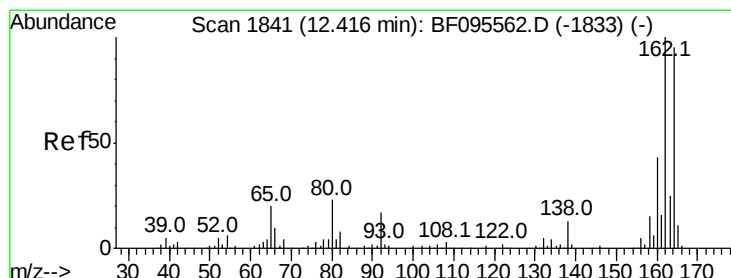
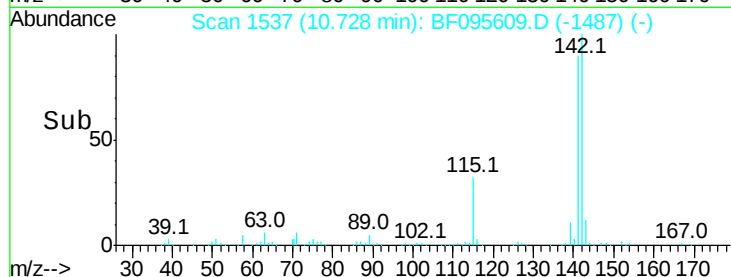
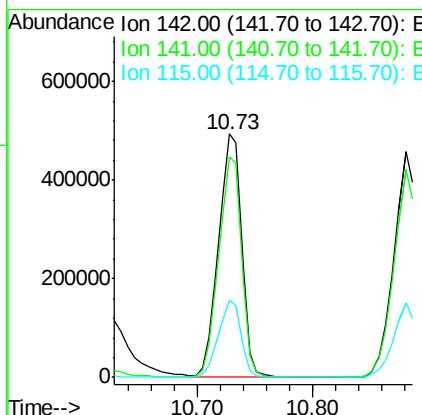
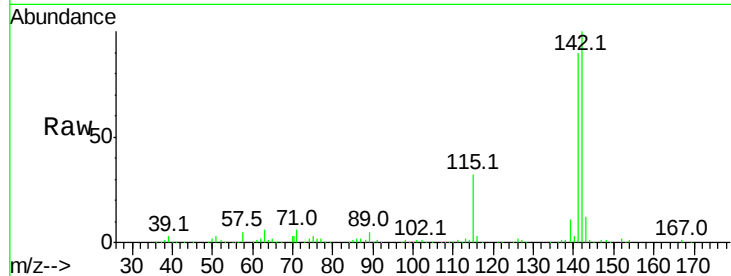




#37
2-Methylnaphthalene
Concen: 56.04 ng
RT: 10.73 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

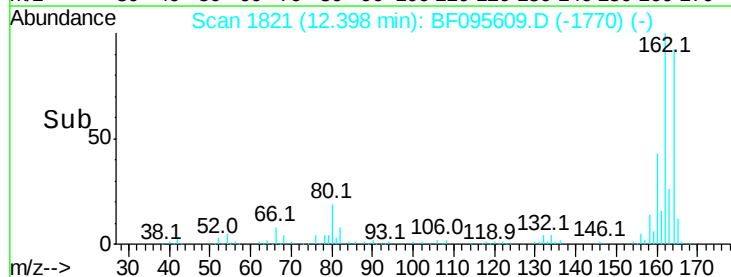
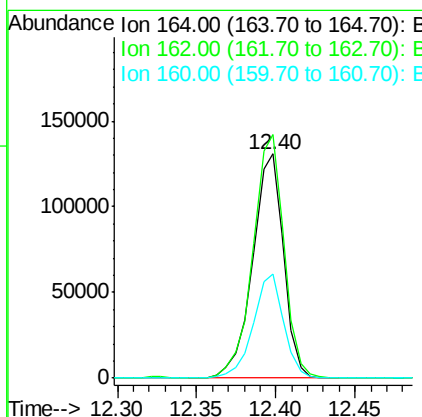
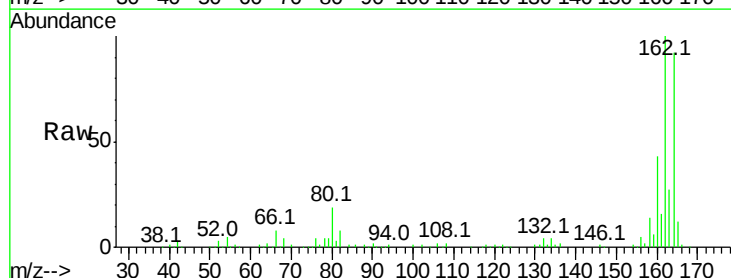
Instrument :
BNA_F
ClientSampleId :

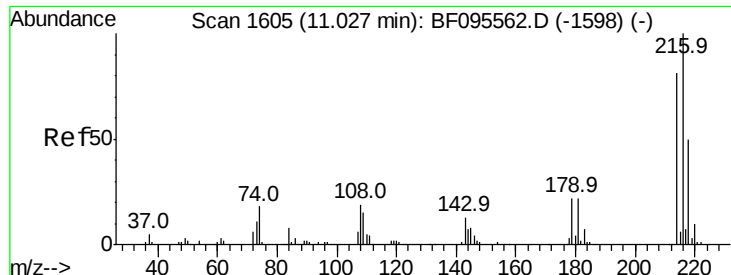
Tot Ion:142 Resp: 687032
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 32.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.40 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:164 Resp: 177392
Ion Ratio Lower Upper
164 100
162 108.6 82.6 123.8
160 46.4 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.75 ng

RT: 11.01 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 200488

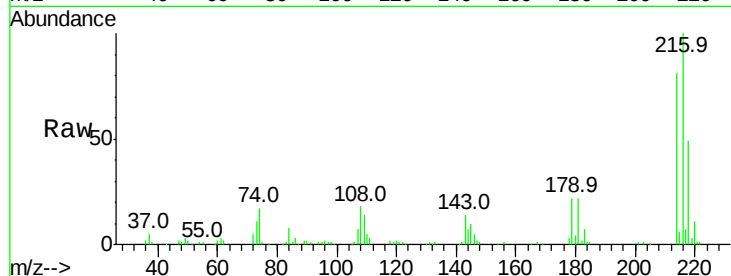
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 22.5 17.9 26.9

108 19.4 16.5 24.7

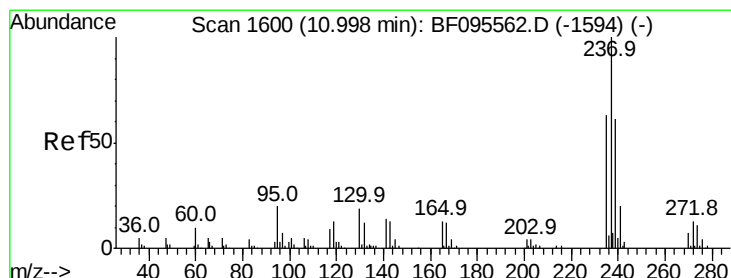
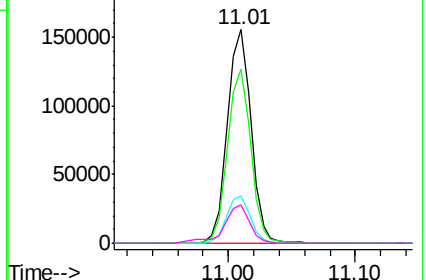
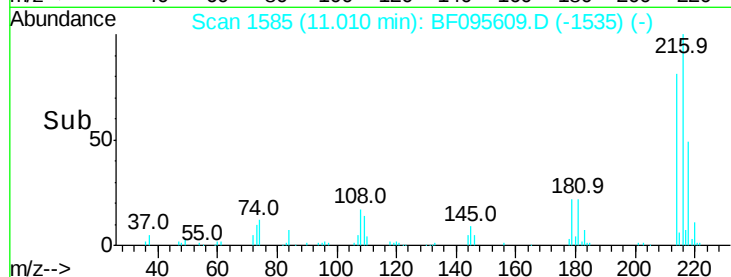


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 46.64 ng

RT: 10.98 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

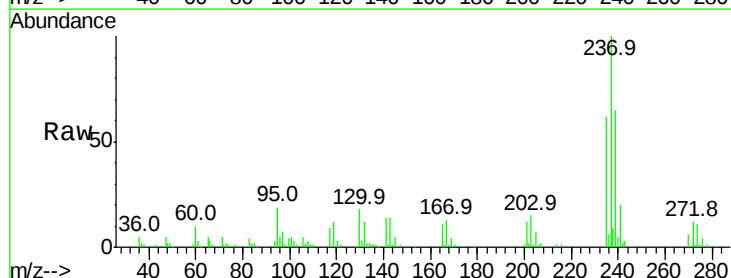
Tgt Ion:237 Resp: 100689

Ion Ratio Lower Upper

237 100

235 61.7 42.6 82.6

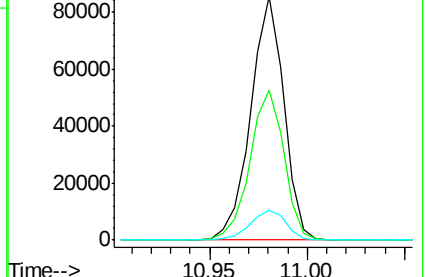
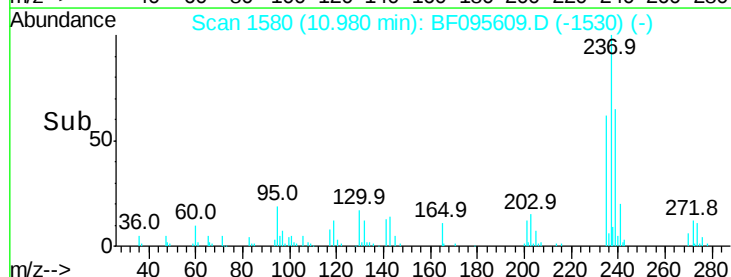
272 12.3 0.0 31.9

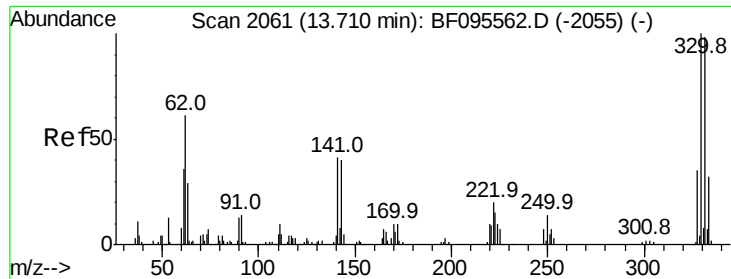


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

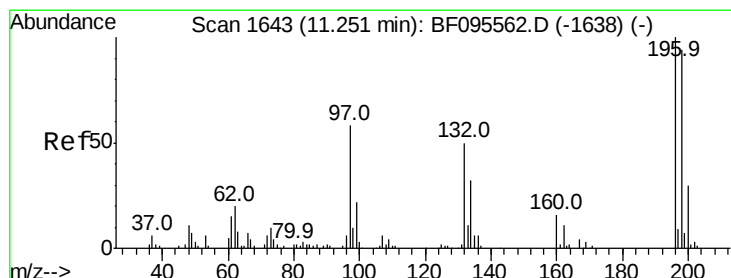
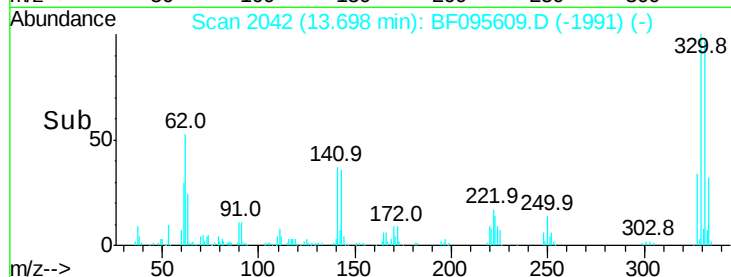
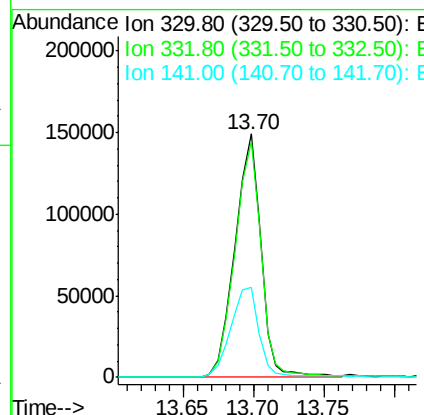
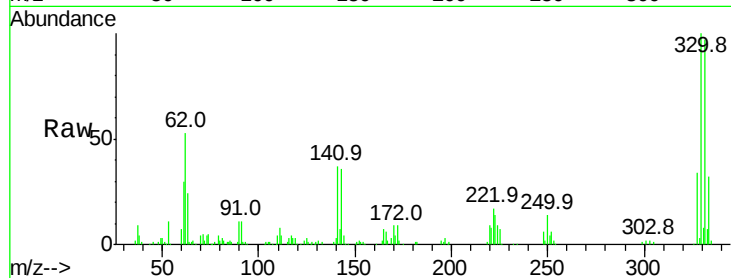




#41
 2,4,6-Tribromophenol
 Concen: 132.87 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

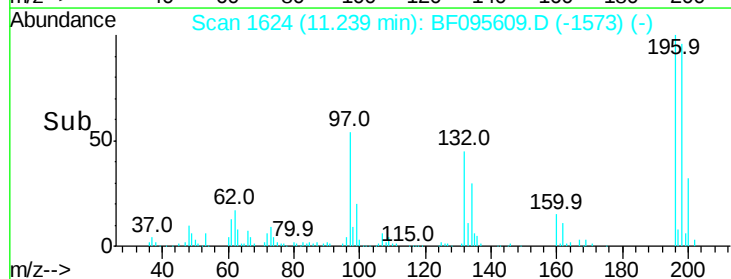
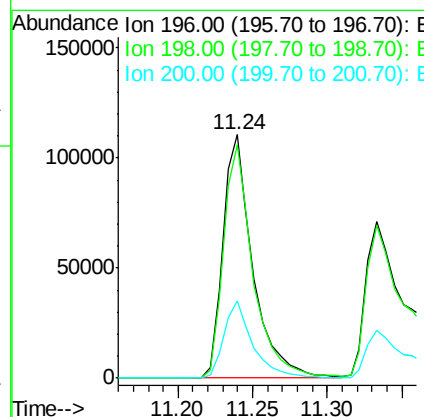
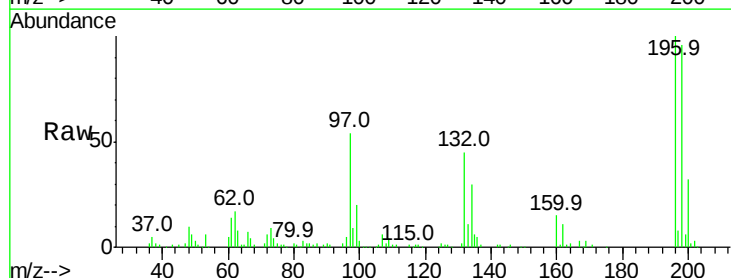
Instrument :
 BNA_F
 ClientSampleId :

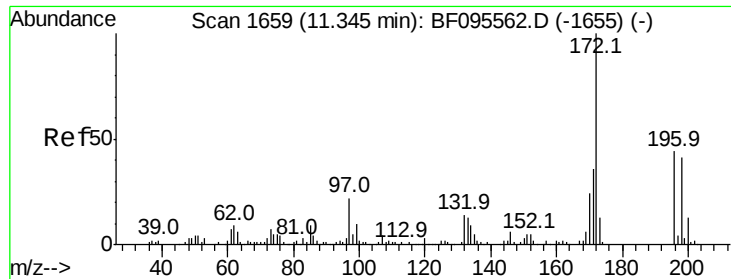
Tot Ion:330 Resp: 193031
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 40.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.72 ng
 RT: 11.24 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion:196 Resp: 155587
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.2 111.4
 200 31.8 24.0 36.0

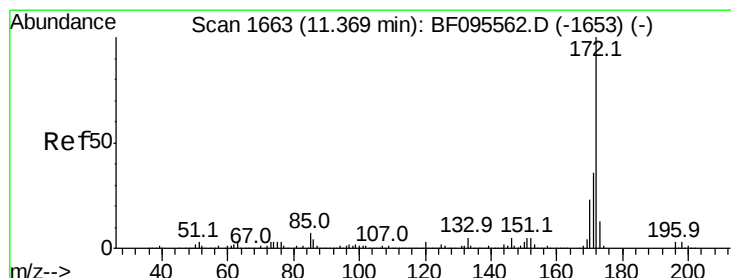
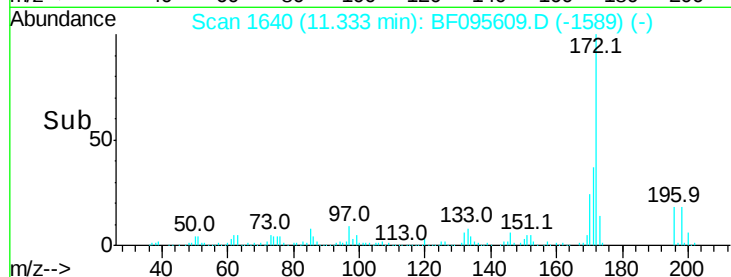
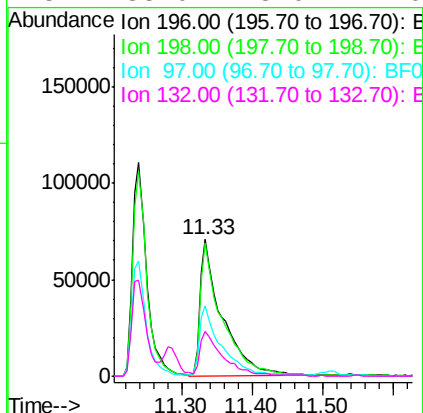
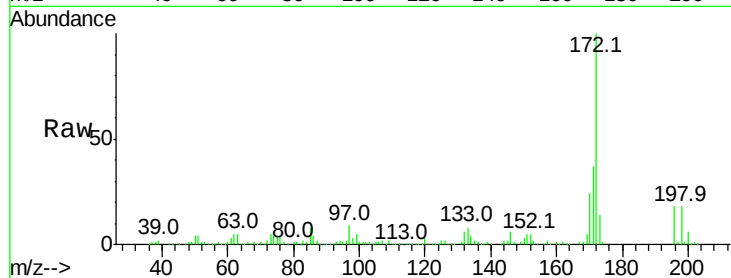




#43
2,4,5-Trichlorophenol
Concen: 39.53 ng
RT: 11.33 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

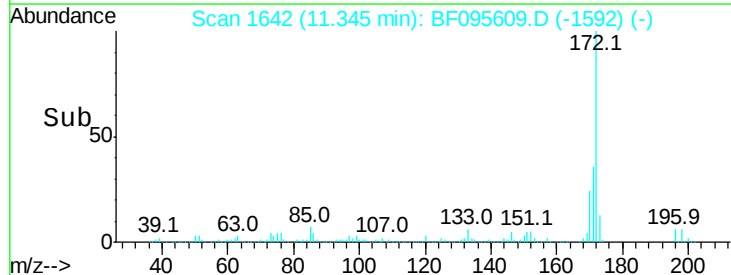
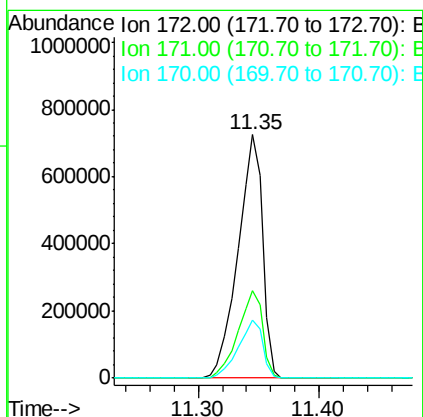
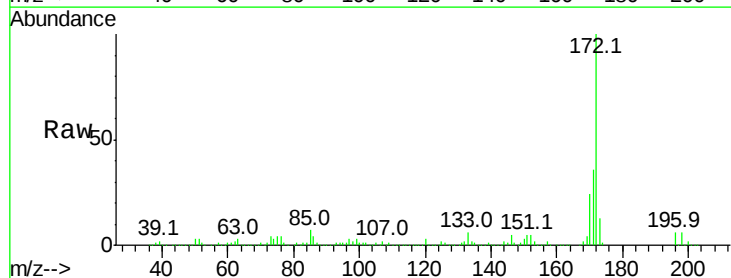
Instrument :
BNA_F
ClientSampleId :

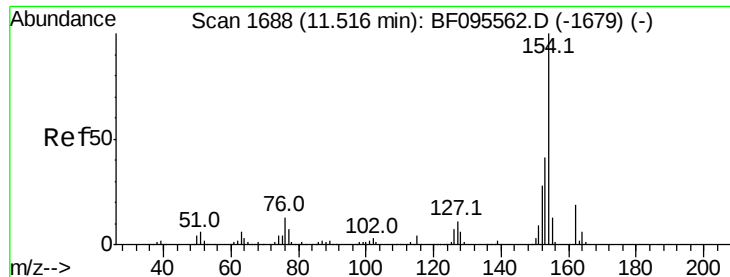
Tot Ion:196 Resp: 154766
Ion Ratio Lower Upper
196 100
198 97.5 75.7 113.5
97 51.1 47.7 71.5
132 33.0 28.0 42.0



#44
2-Fluorobiphenyl
Concen: 83.19 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:172 Resp: 1025322
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8

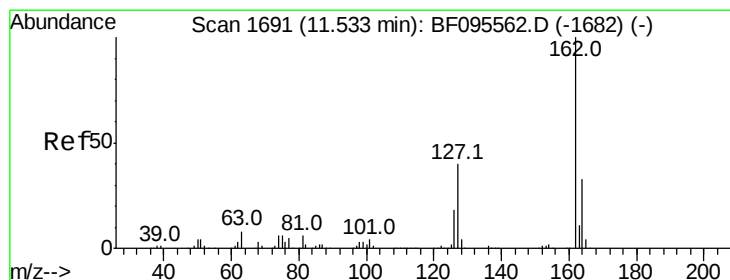
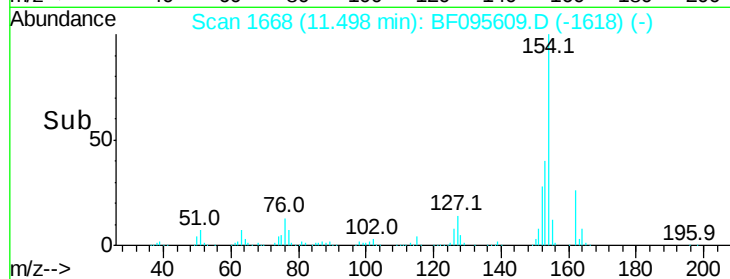
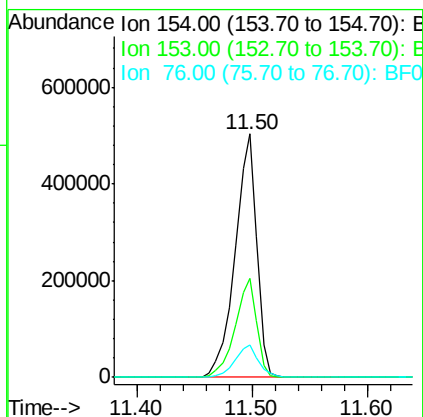
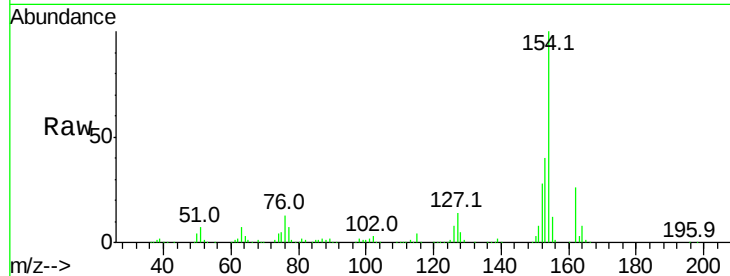




#45
 1,1'-Biphenyl
 Concen: 43.52 ng
 RT: 11.50 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

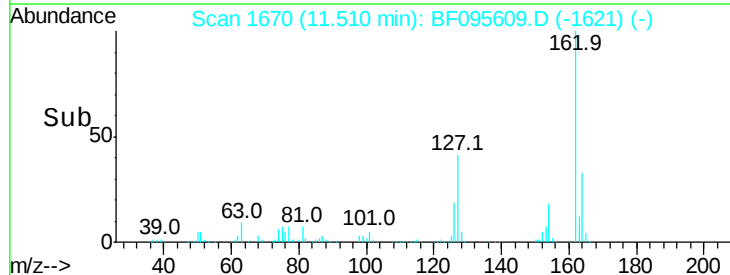
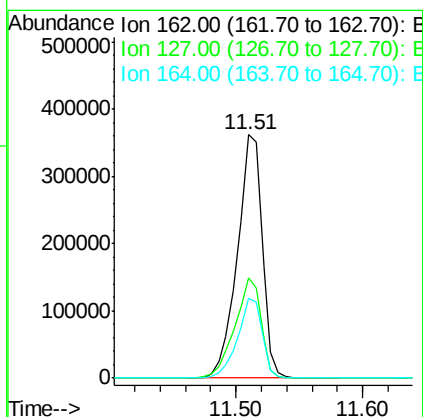
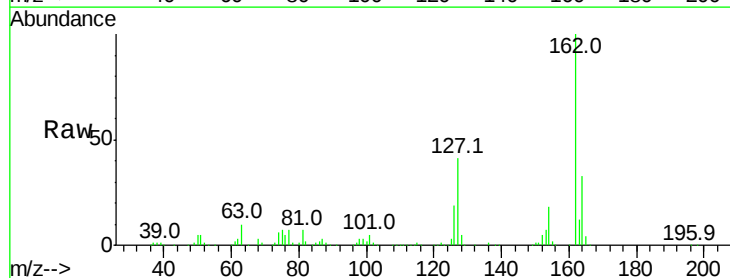
Instrument :
 BNA_F
 ClientSampleId :

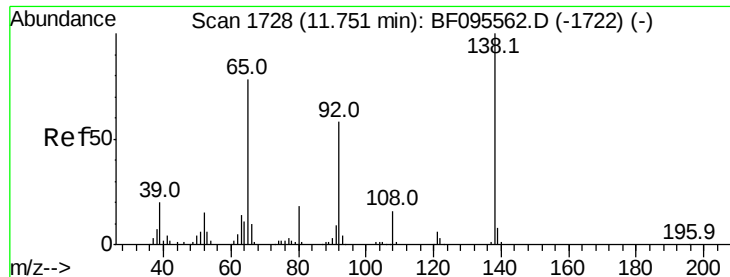
Tot Ion:154 Resp: 650033
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.2 61.2
 76 13.1 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 40.67 ng
 RT: 11.51 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion:162 Resp: 490433
 Ion Ratio Lower Upper
 162 100
 127 41.3 28.3 42.5
 164 32.9 27.0 40.4

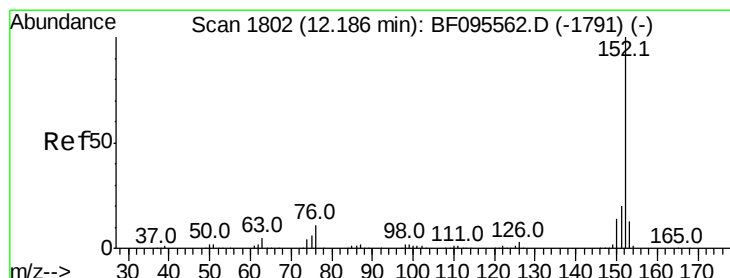
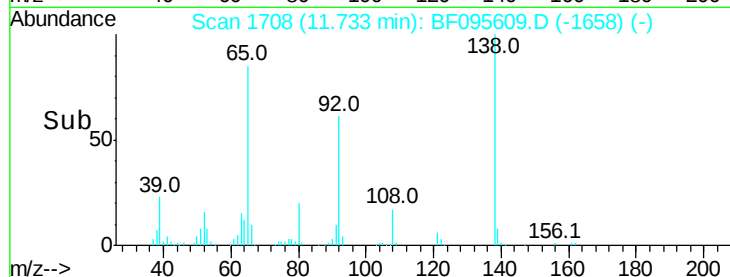
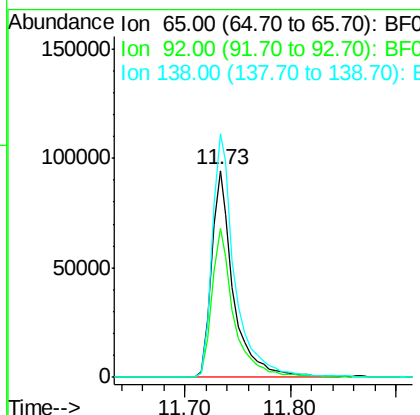
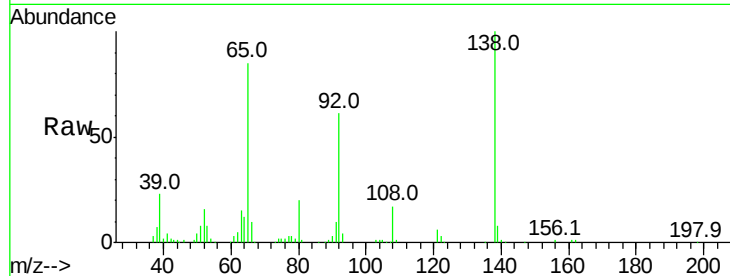




#47
2-Nitroaniline
Concen: 41.64 ng
RT: 11.73 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

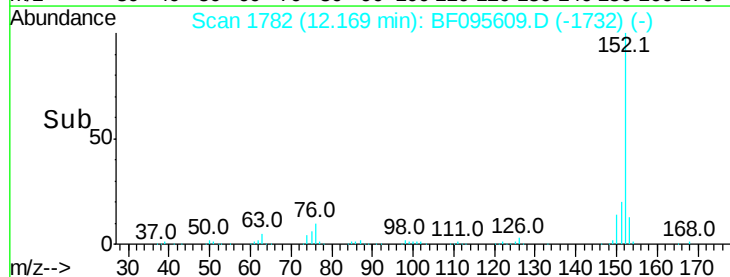
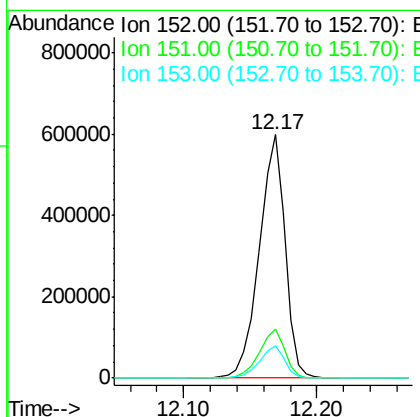
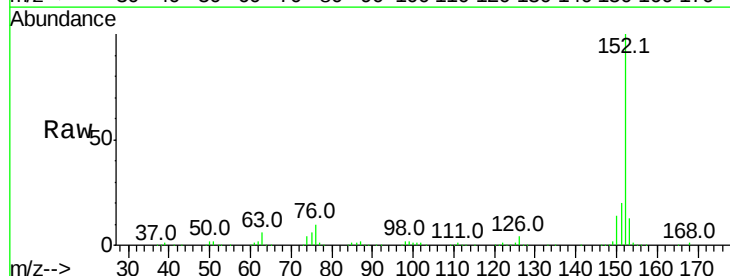
Instrument :
BNA_F
ClientSampleId :

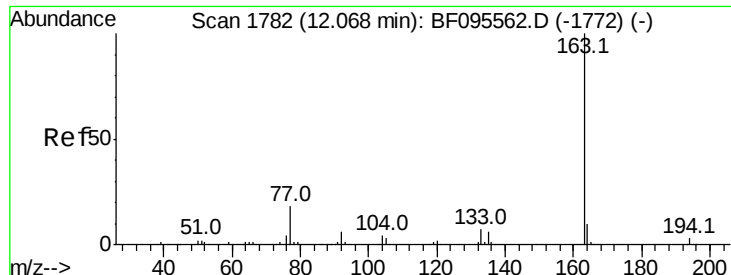
Tot Ion: 65 Resp: 137432
Ion Ratio Lower Upper
65 100
92 72.1 53.9 80.9
138 117.7 78.8 118.2



#48
Acenaphthylene
Concen: 42.27 ng
RT: 12.17 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion: 152 Resp: 798414
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.2 10.8 16.2

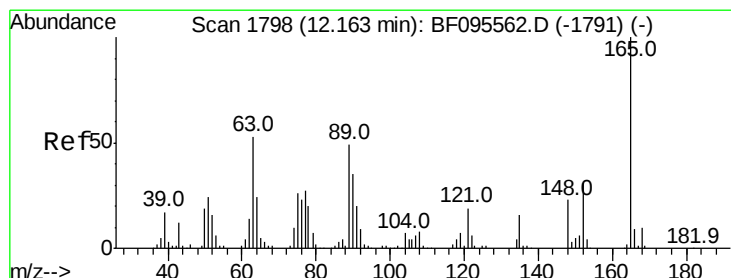
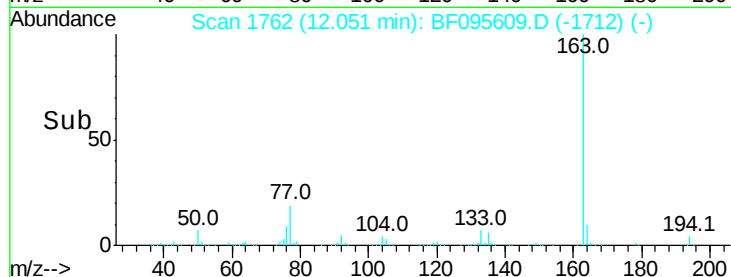
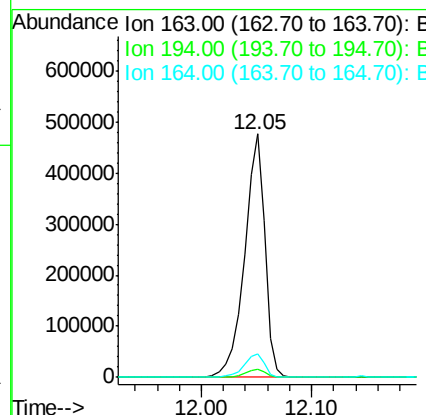
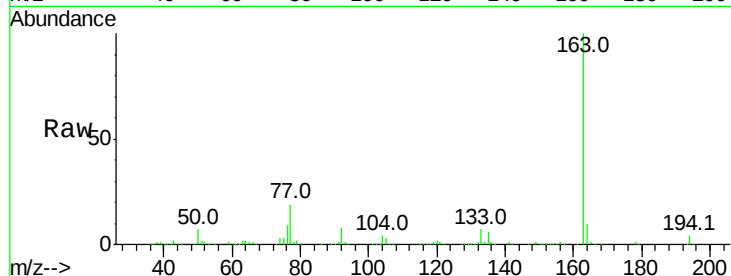




#49
Dimethylphthalate
Concen: 42.19 ng
RT: 12.05 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

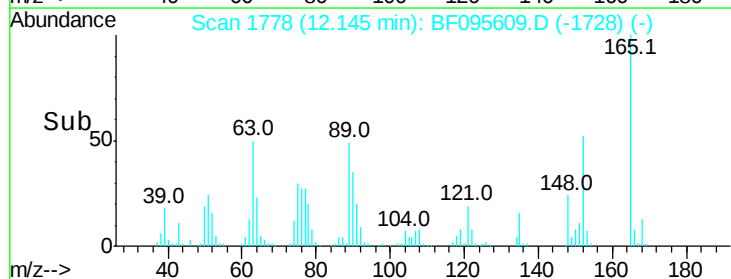
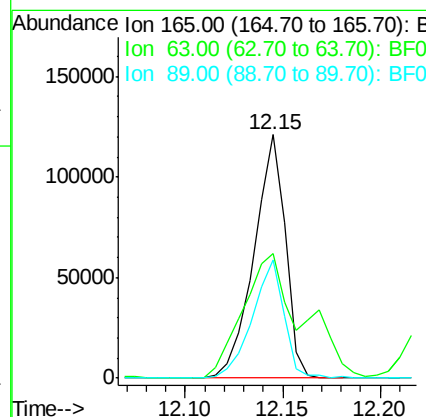
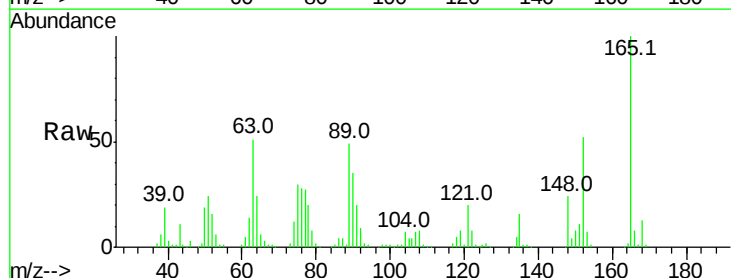
Instrument :
BNA_F
ClientSampleId :

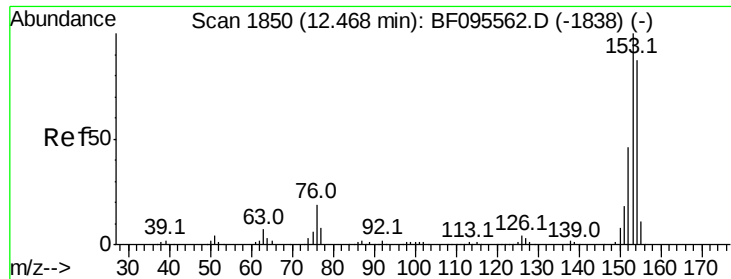
Tot Ion:163 Resp: 614346
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 45.38 ng
RT: 12.15 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:165 Resp: 134821
Ion Ratio Lower Upper
165 100
63 51.2 34.3 51.5
89 48.6 37.1 55.7





#51

Acenaphthene

Concen: 46.11 ng

RT: 12.45 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampled :

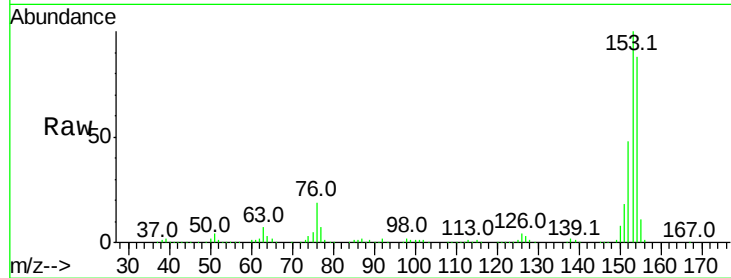
Tot Ion:154 Resp: 520243

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

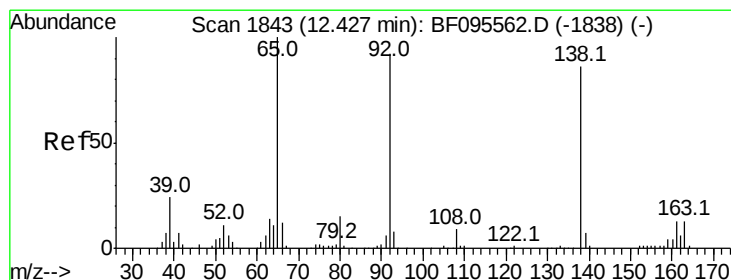
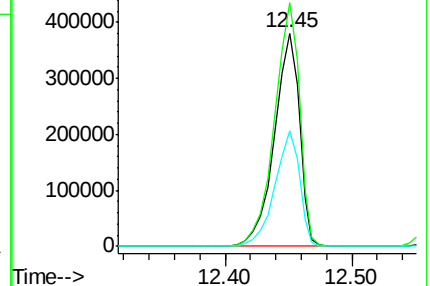
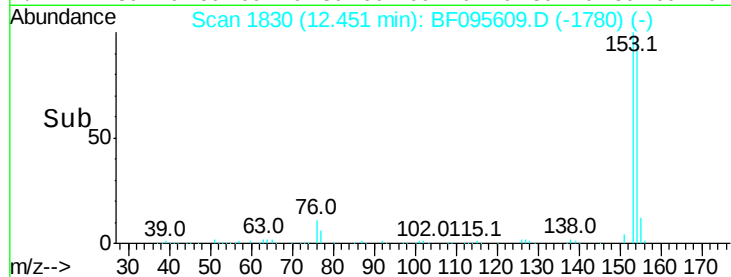
152 54.4 43.6 65.4



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: 5.33 ng

RT: 12.45 min Scan# 1829

Delta R.T. 0.02 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

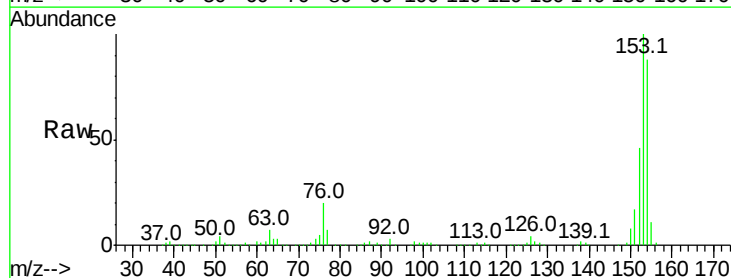
Tgt Ion:138 Resp: 17004

Ion Ratio Lower Upper

138 100

108 14.7 9.1 13.7#

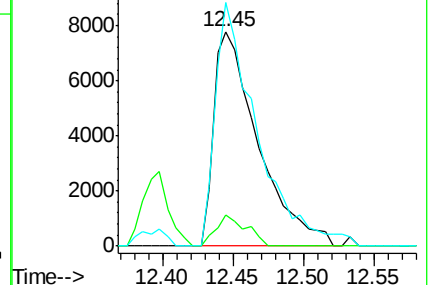
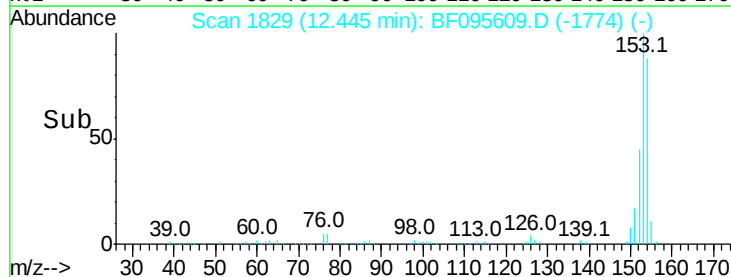
92 113.5 93.8 140.6

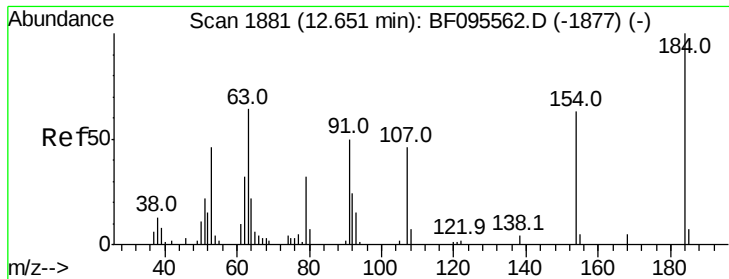


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

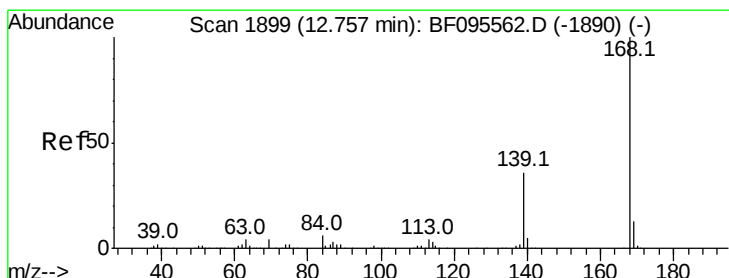
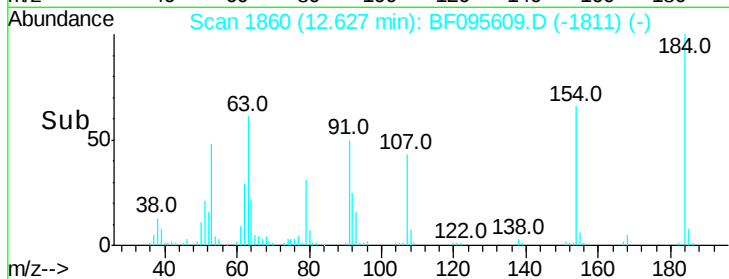
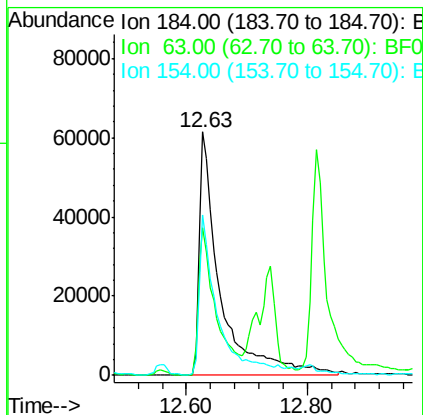
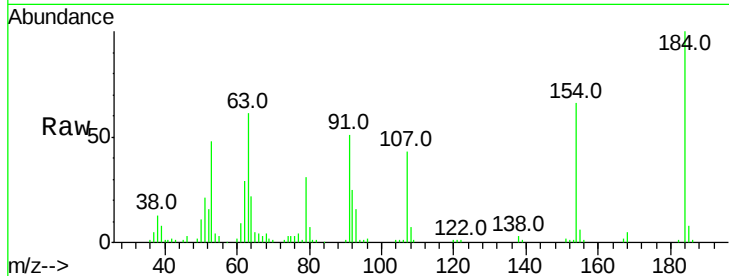




#53
 2,4-Dinitrophenol
 Concen: 90.78 ng
 RT: 12.63 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

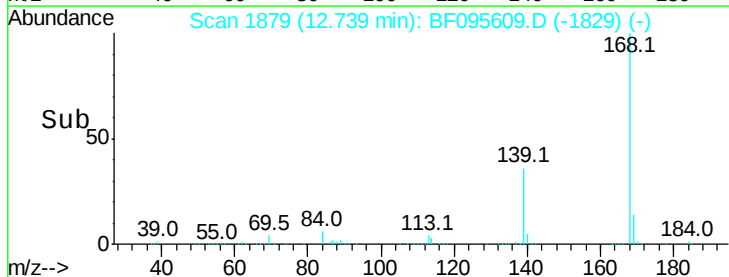
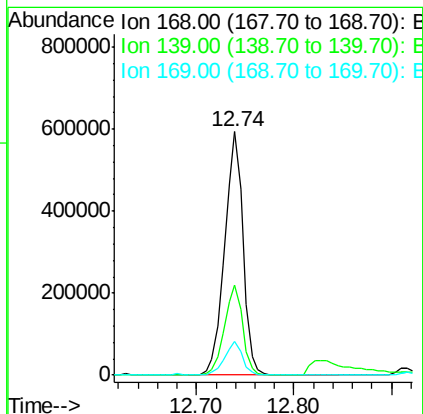
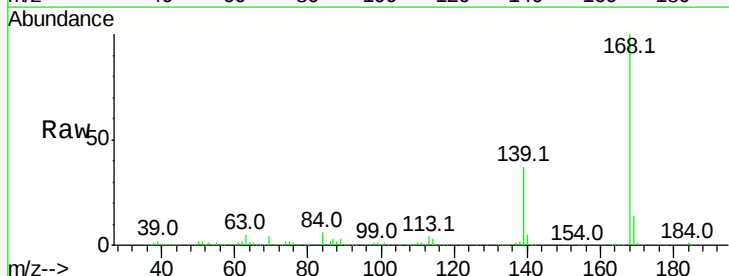
Instrument :
 BNA_F
 ClientSampleId :

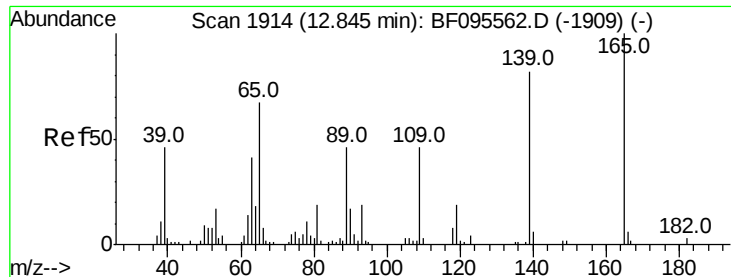
Tot Ion:184 Resp: 150052
 Ion Ratio Lower Upper
 184 100
 63 60.9 62.7 94.1#
 154 66.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.62 ng
 RT: 12.74 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion:168 Resp: 774740
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.7 10.8 16.2

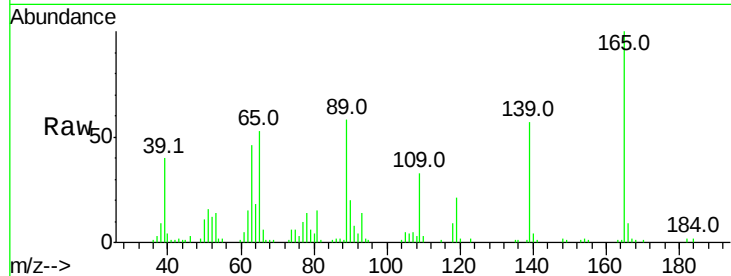




#55
4-Nitrophenol
Concen: 74.22 ng
RT: 12.83 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.2	34.1	74.1
65	92.6	31.4	71.4

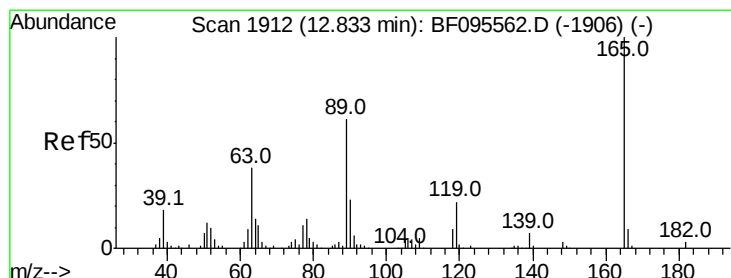
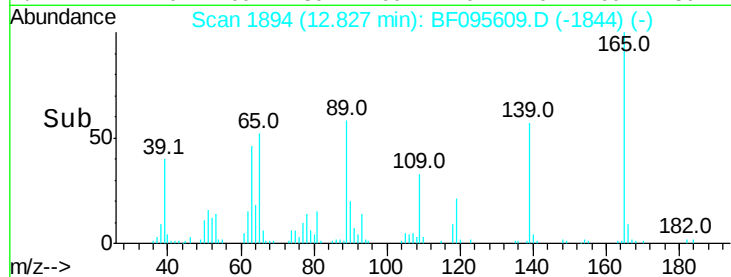
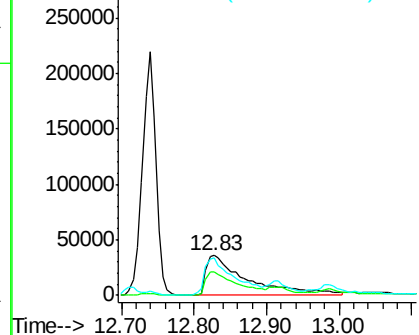


Abundance

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): E



#56
2,4-Dinitrotoluene
Concen: 49.86 ng
RT: 12.82 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	25.4	38.0
89	65.1	46.4	69.6
182	2.5	1.8	2.6

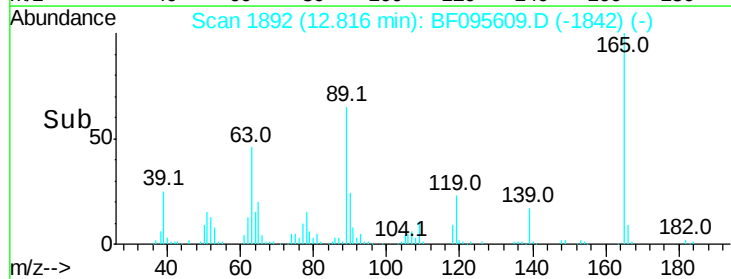
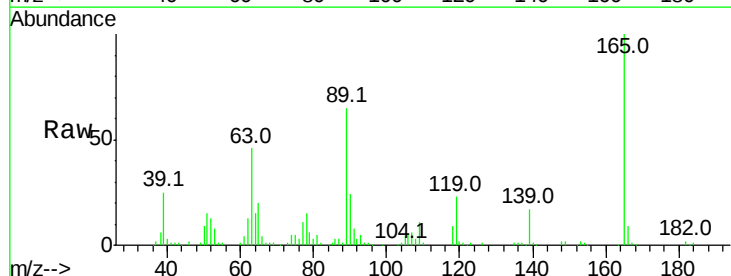
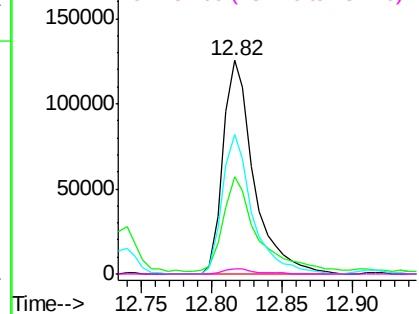
Abundance

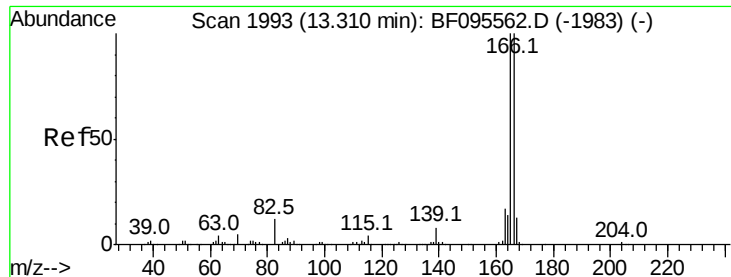
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.51 ng

RT: 13.29 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

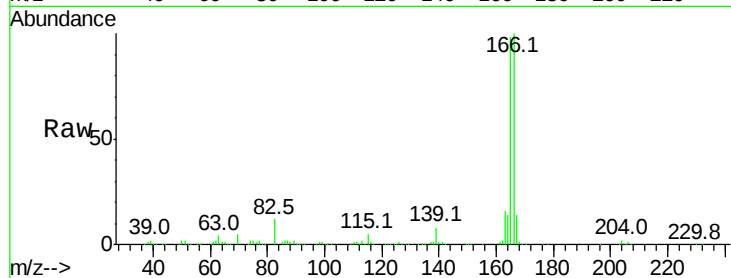
Tot Ion:166 Resp: 590628

Ion Ratio Lower Upper

166 100

165 98.1 78.8 118.2

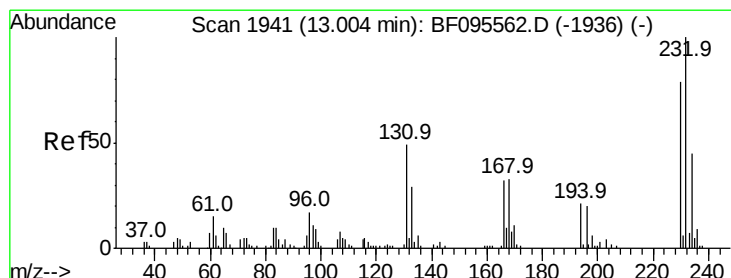
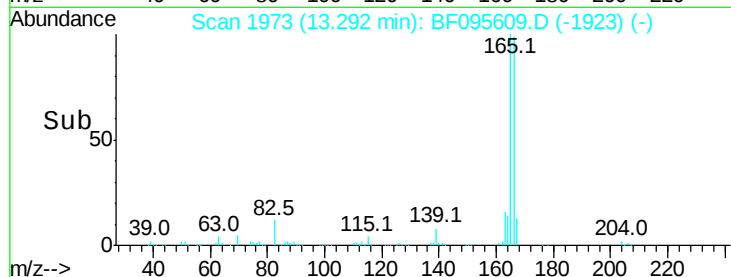
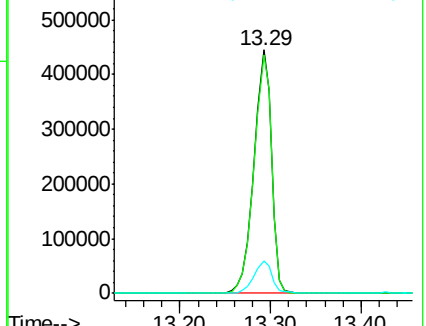
167 13.6 10.6 16.0



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: 50.76 ng

RT: 12.99 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Tgt Ion:232 Resp: 125061

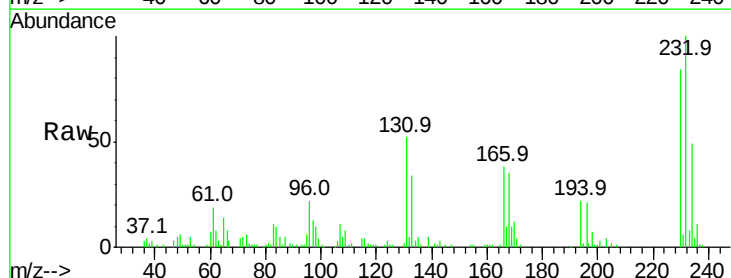
Ion Ratio Lower Upper

232 100

131 51.9 44.8 67.2

130 2.6 2.3 3.5

166 34.0 29.0 43.4

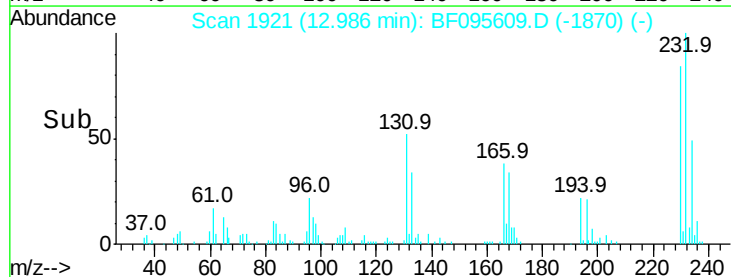
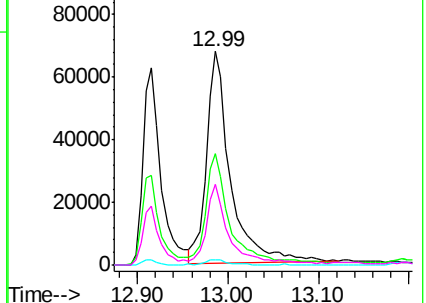


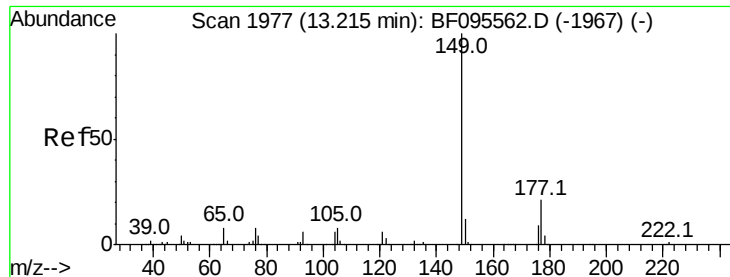
Abundance Ion 232.00 (231.70 to 232.70): E

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

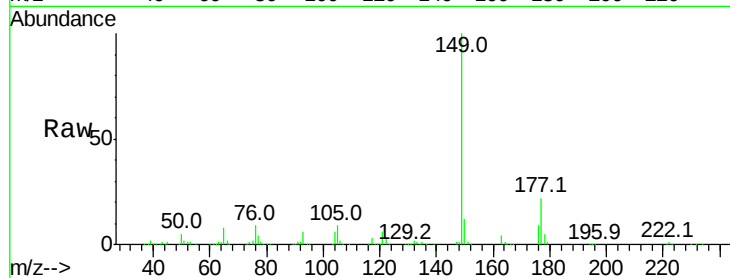




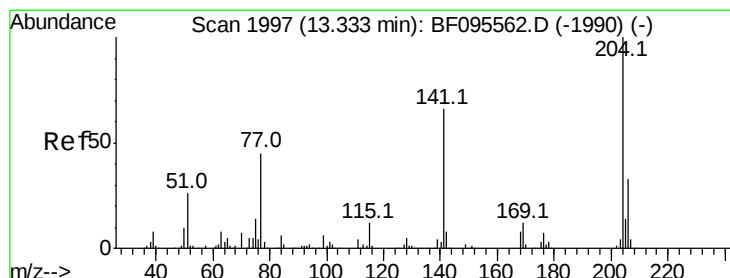
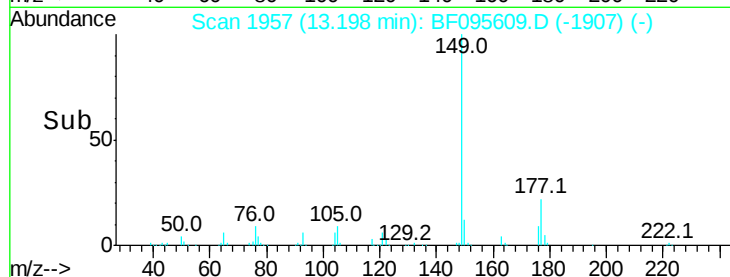
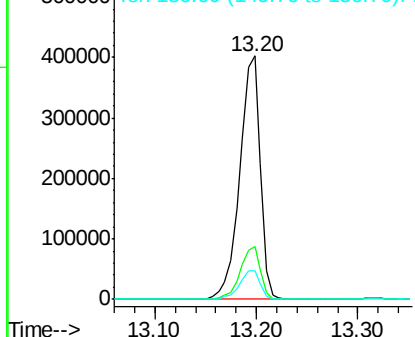
#59
Diethylphthalate
Concen: 40.48 ng
RT: 13.20 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 565022
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.0 10.2 15.2

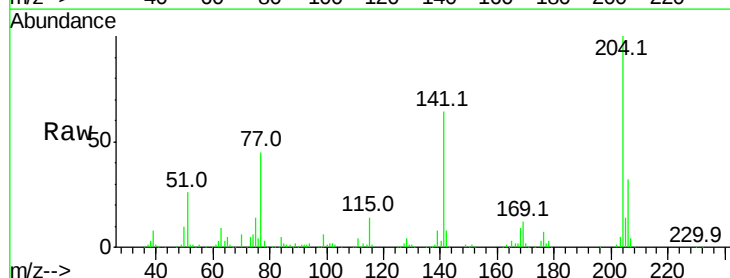


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

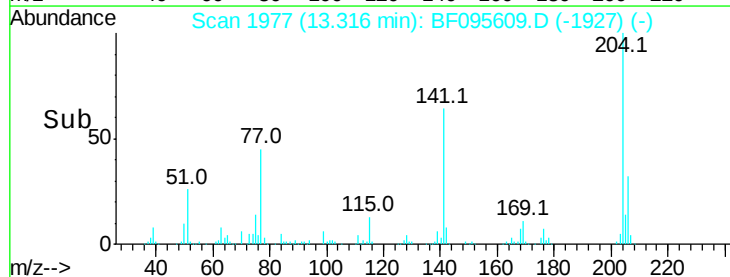
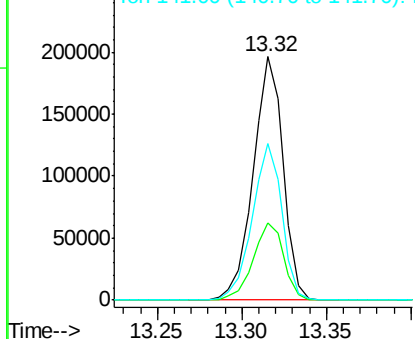


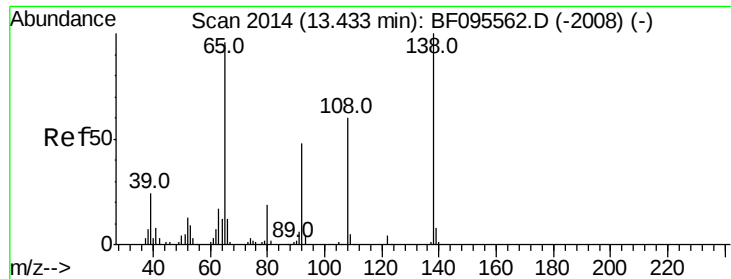
#60
4-Chlorophenyl-phenylether
Concen: 40.33 ng
RT: 13.32 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:204 Resp: 240624
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 64.3 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: 15.77 ng

RT: 13.42 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

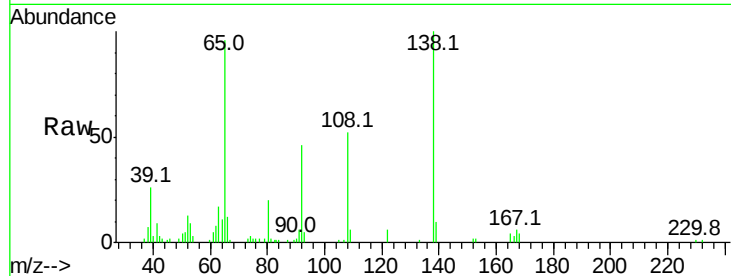
Tot Ion:138 Resp: 46165

Ion	Ratio	Lower	Upper
138	100		
92	45.7	21.8	61.8
108	52.2	42.3	82.3

138 100

92 45.7 21.8 61.8

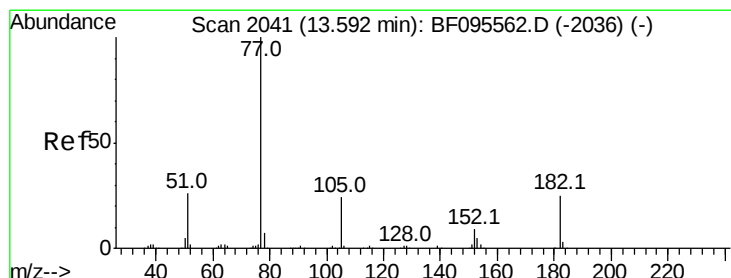
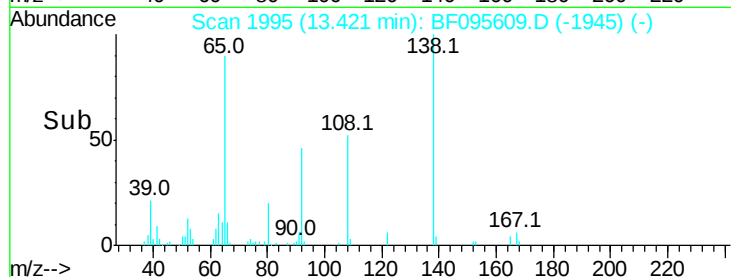
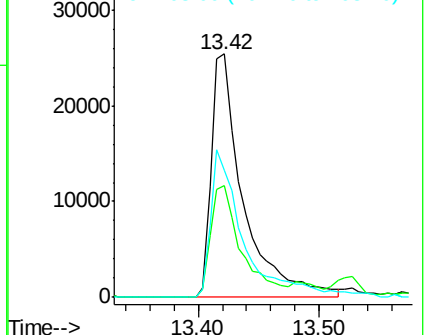
108 52.2 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.56 ng

RT: 13.57 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Tgt Ion: 77 Resp: 477329

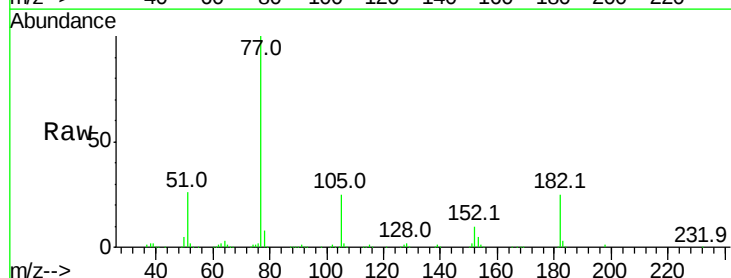
Ion	Ratio	Lower	Upper
77	100		
182	25.4	0.1	40.1
105	24.8	3.6	43.6
51	26.3	9.4	49.4

77 100

182 25.4 0.1 40.1

105 24.8 3.6 43.6

51 26.3 9.4 49.4

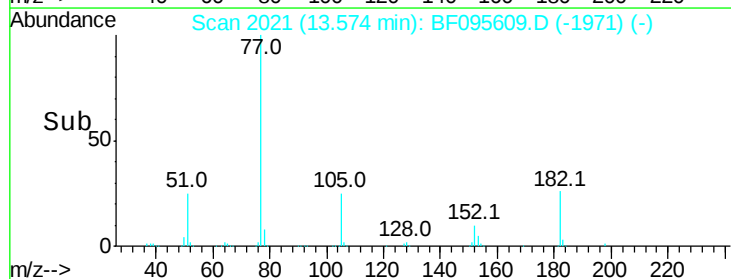
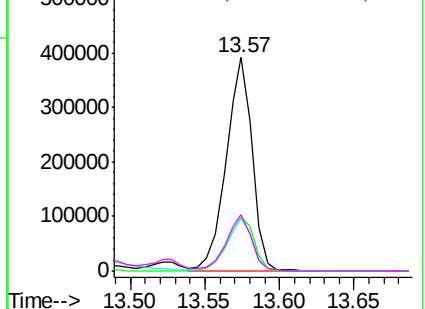


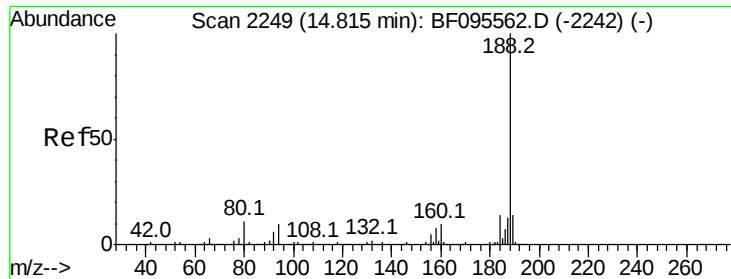
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

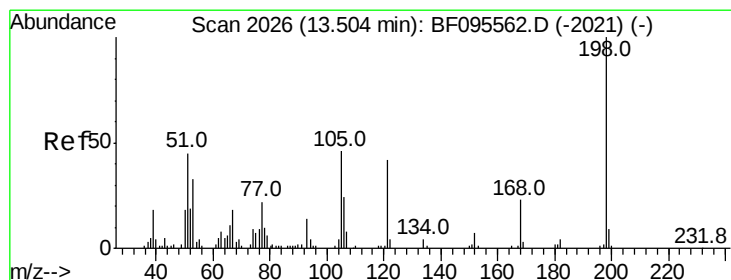
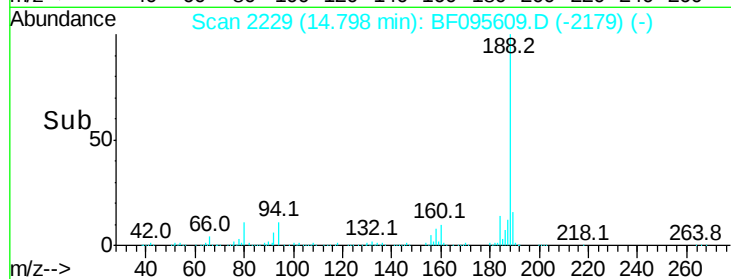
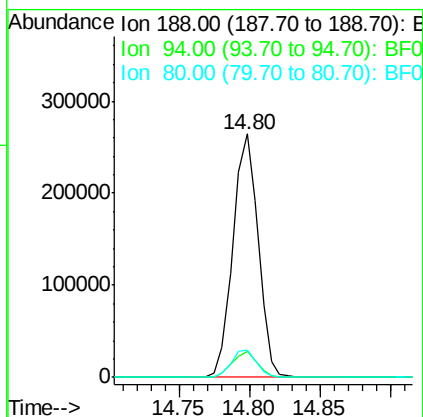
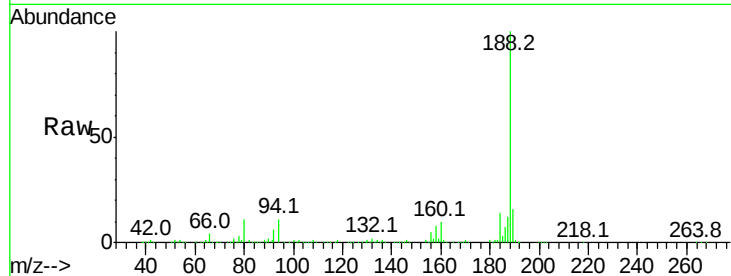




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

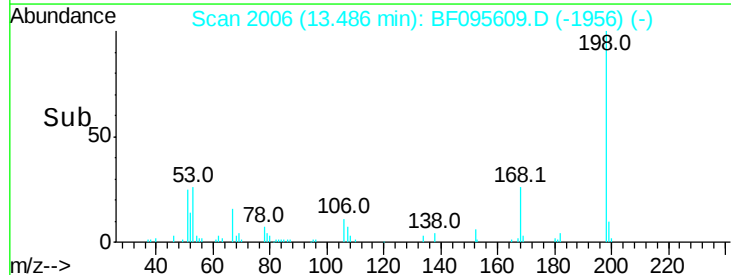
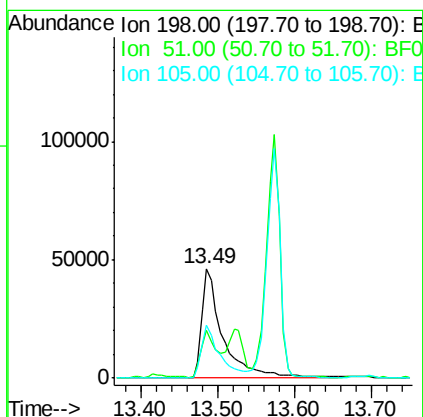
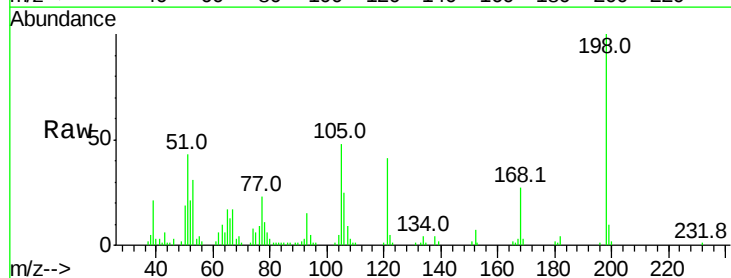
Instrument :
BNA_F
ClientSampleId :

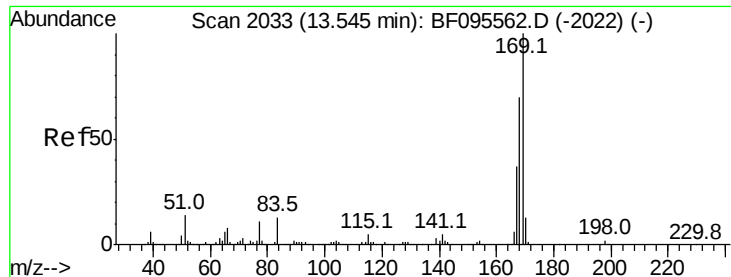
Tot Ion:188 Resp: 329092
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 40.12 ng
RT: 13.49 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:198 Resp: 88505
Ion Ratio Lower Upper
198 100
51 43.2 53.2 93.2#
105 47.8 45.8 85.8

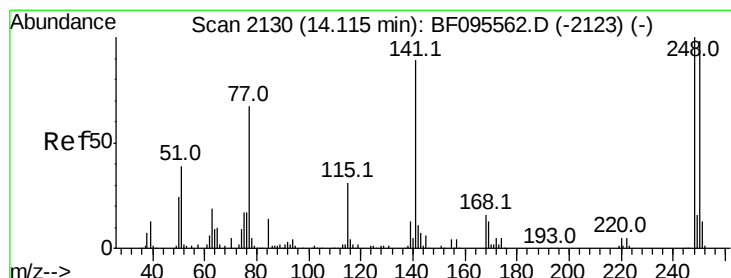
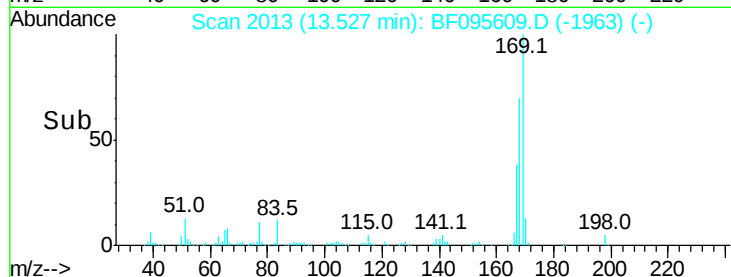
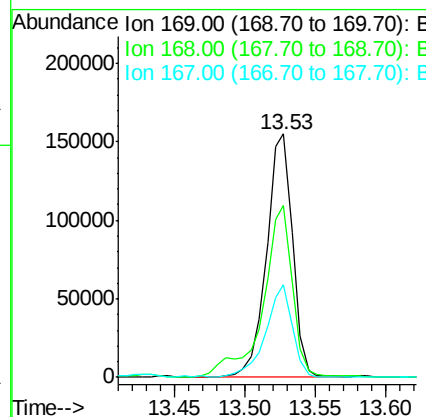
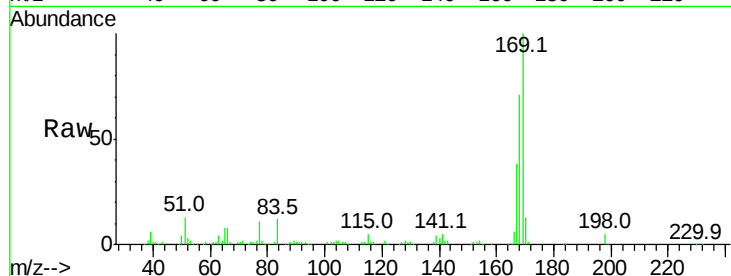




#65
n-Nitrosodiphenylamine
Concen: 17.00 ng
RT: 13.53 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

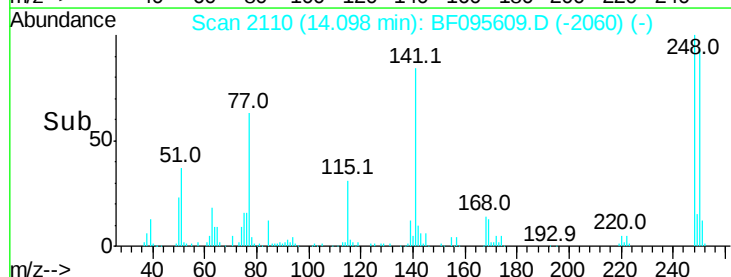
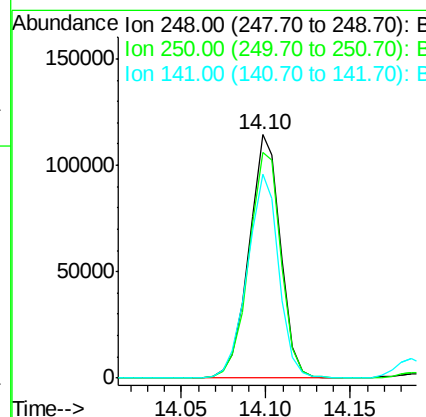
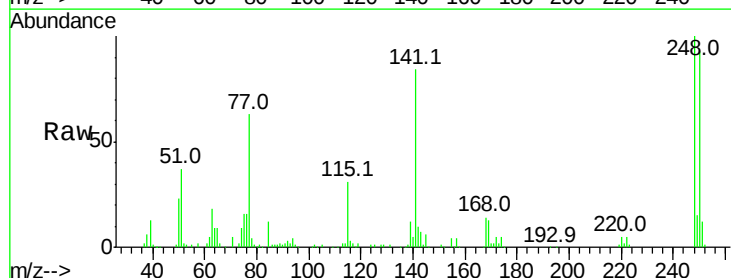
Instrument :
BNA_F
ClientSampleId :

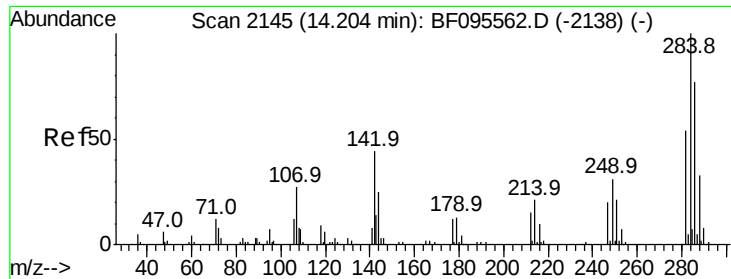
Tot Ion:169 Resp: 203061
Ion Ratio Lower Upper
169 100
168 70.6 53.2 79.8
167 38.1 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 42.62 ng
RT: 14.10 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:248 Resp: 148175
Ion Ratio Lower Upper
248 100
250 92.8 76.8 115.2
141 83.8 68.6 103.0





#67

Hexachlorobenzene

Concen: 41.68 ng

RT: 14.19 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

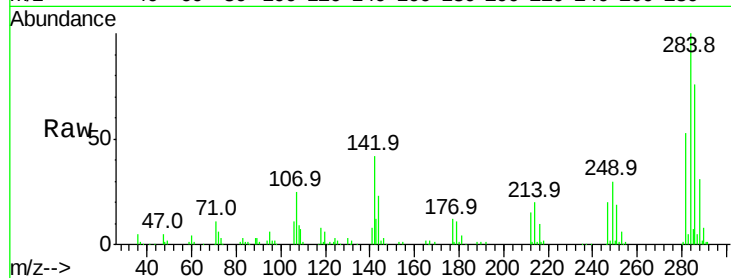
Tot Ion:284 Resp: 148501

Ion Ratio Lower Upper

284 100

142 41.6 22.8 34.2#

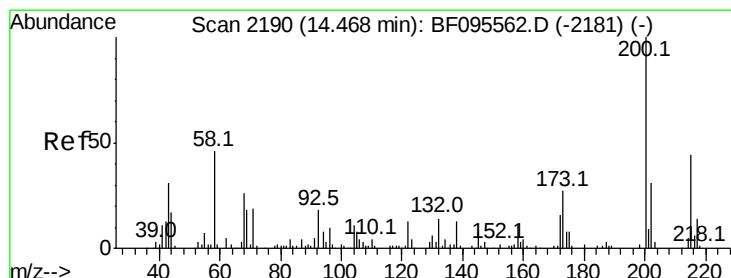
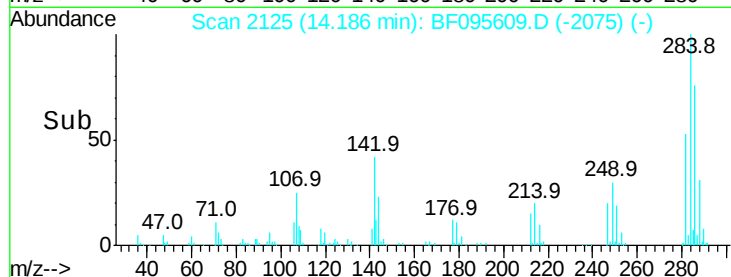
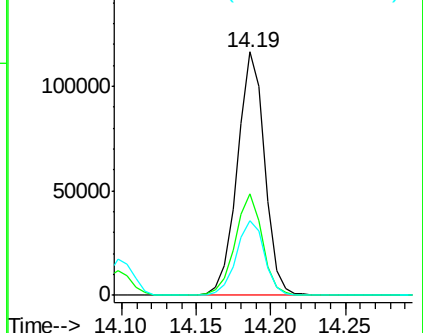
249 30.4 24.0 36.0



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: 11.23 ng

RT: 14.44 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

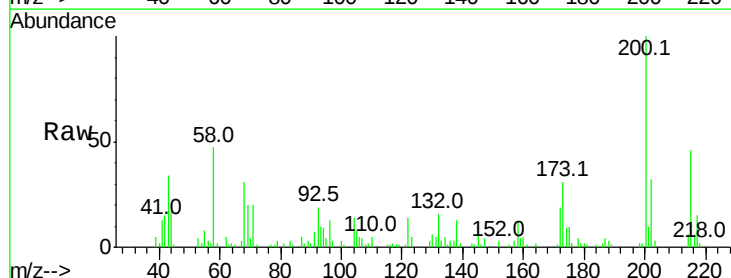
Tgt Ion:200 Resp: 37886

Ion Ratio Lower Upper

200 100

173 30.9 6.3 46.3

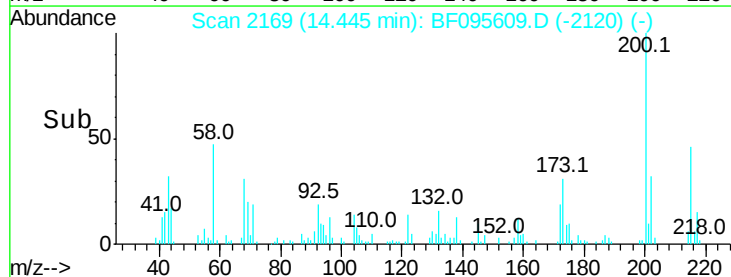
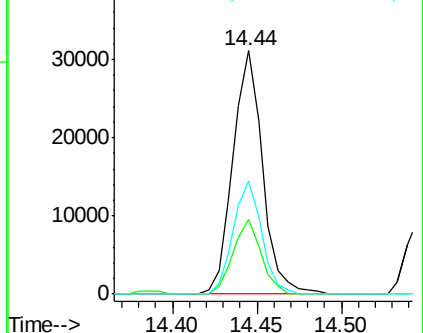
215 46.4 27.2 67.2

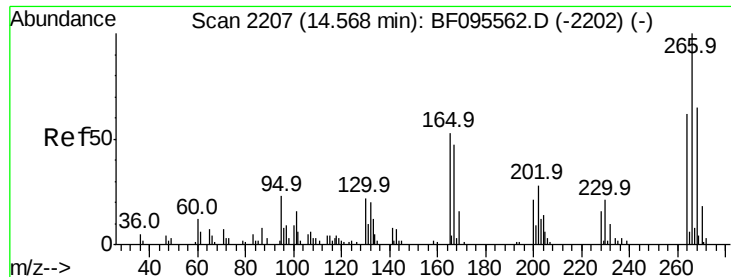


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

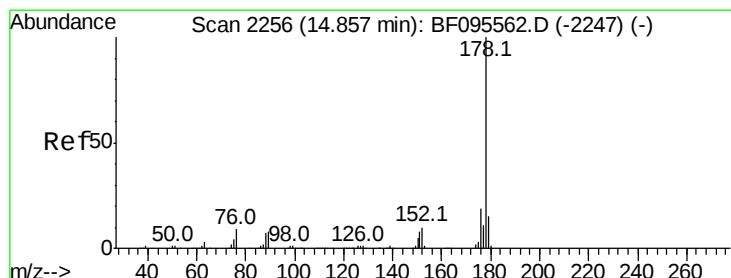
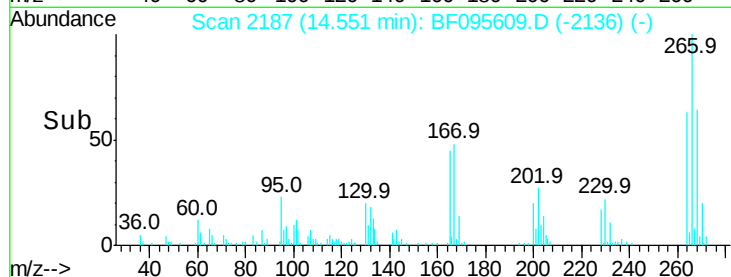
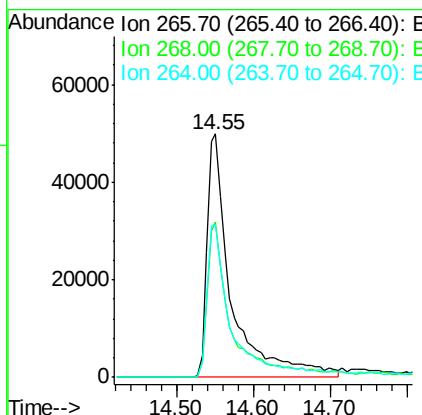
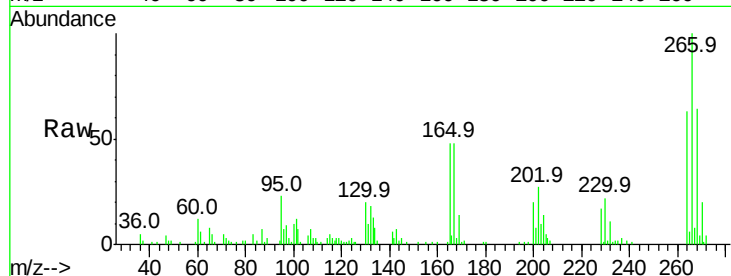




#69
 Pentachlorophenol
 Concen: 68.45 ng
 RT: 14.55 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

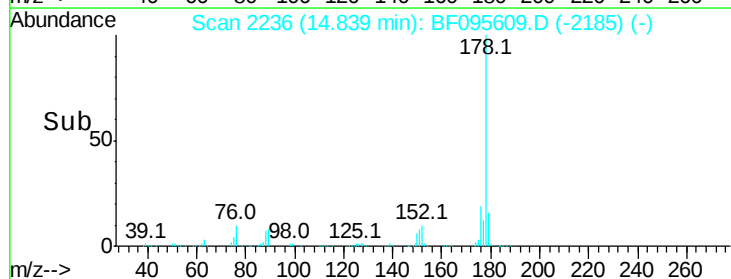
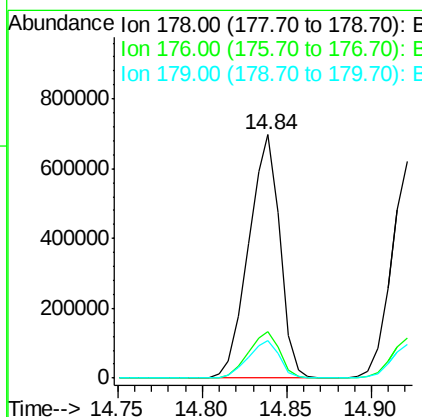
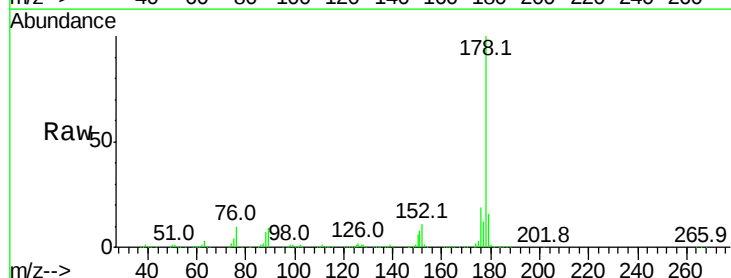
Instrument :
 BNA_F
 ClientSampleId :

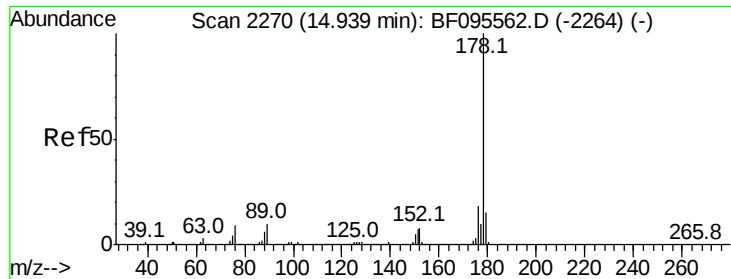
Tot Ion:266 Resp: 108804
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 62.7 51.7 77.5



#70
 Phenanthrene
 Concen: 47.59 ng
 RT: 14.84 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion:178 Resp: 899839
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.7 12.6 19.0

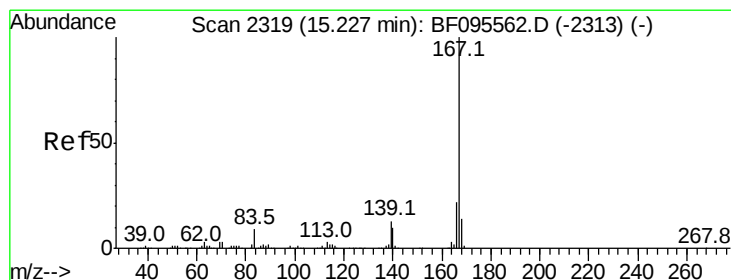
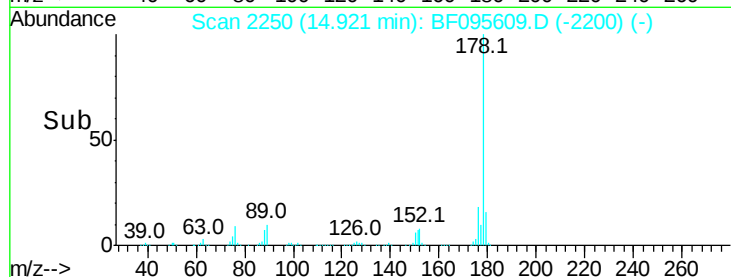
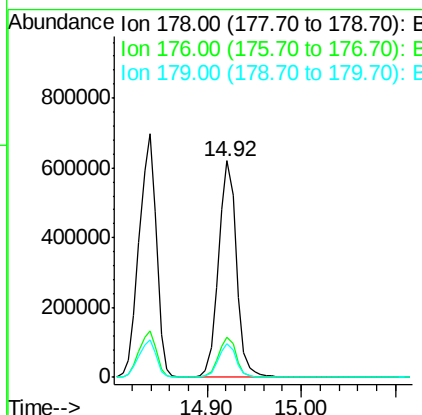
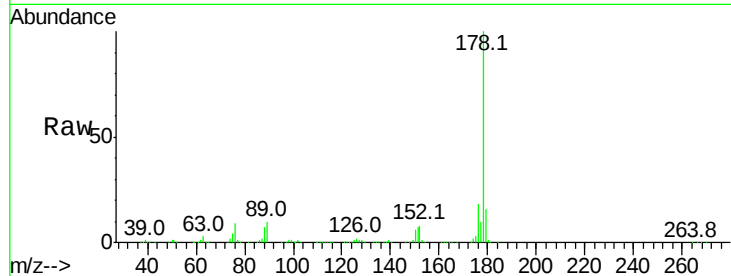




#71
 Anthracene
 Concen: 43.14 ng
 RT: 14.92 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

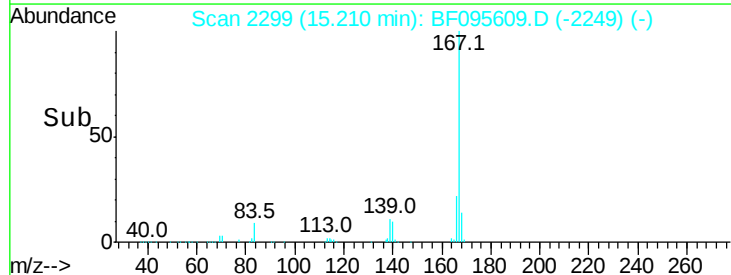
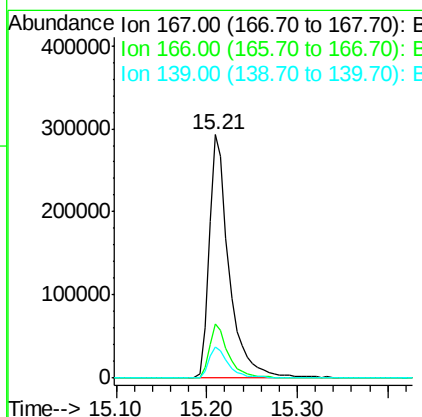
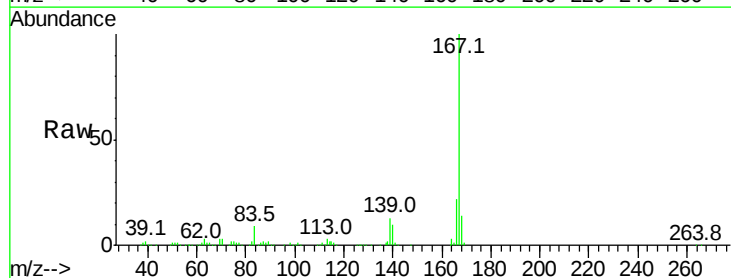
Instrument :
 BNA_F
 ClientSampleId :

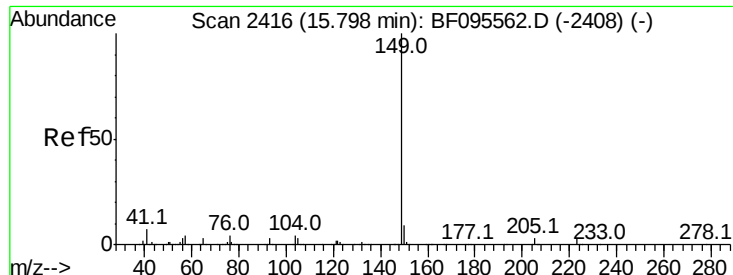
Tot Ion:178 Resp: 833249
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 25.56 ng
 RT: 15.21 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion:167 Resp: 449225
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.99 ng

RT: 15.79 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleID :

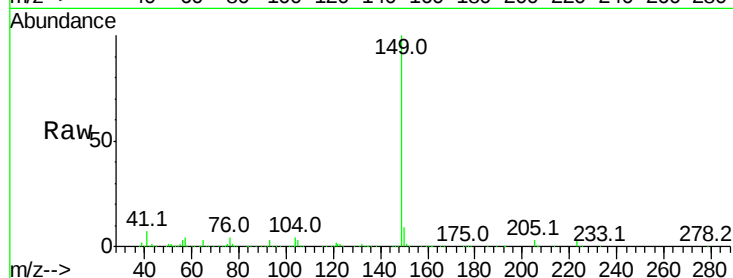
Tot Ion:149 Resp: 963997

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

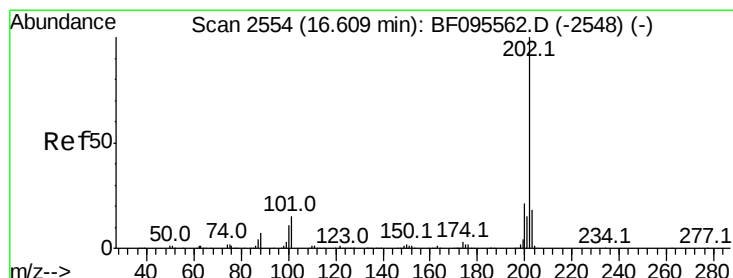
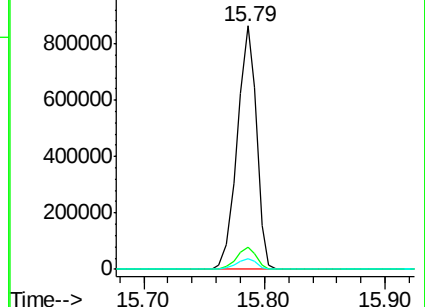
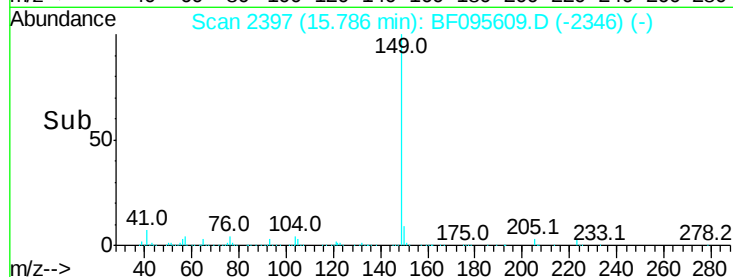
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.11 ng

RT: 16.60 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

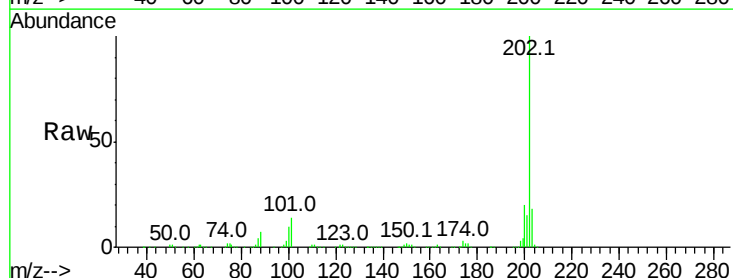
Tgt Ion:202 Resp: 875068

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

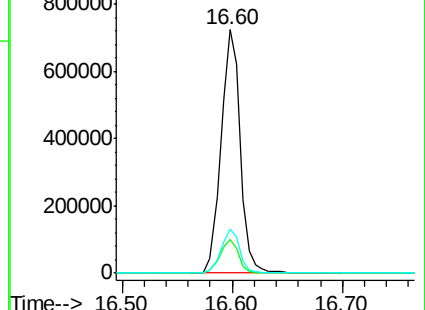
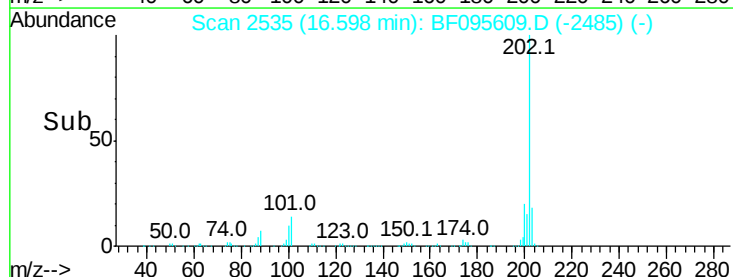
203 17.8 0.0 38.1

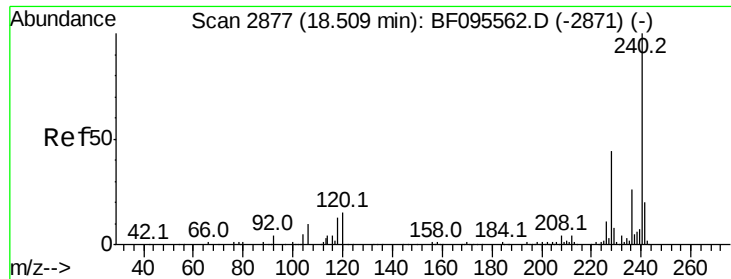


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

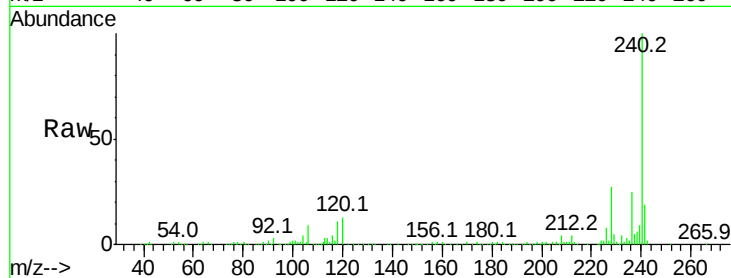
Tot Ion:240 Resp: 258264

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

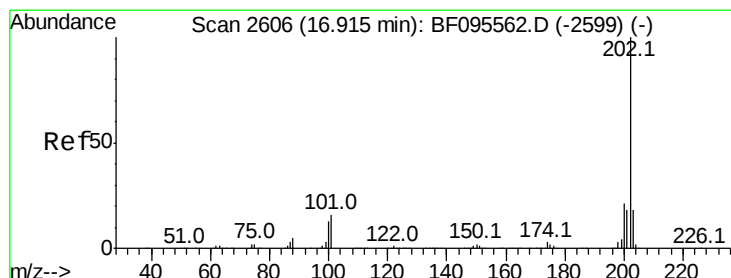
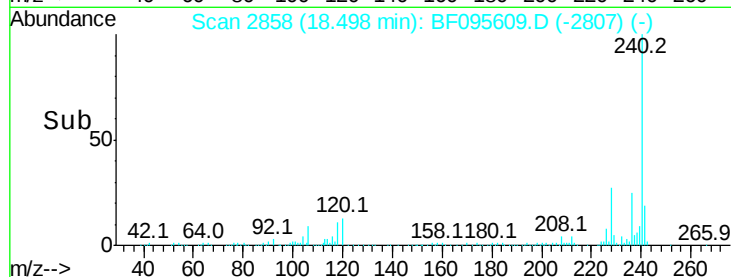
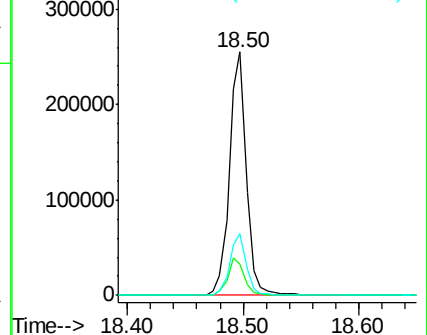
236 25.4 20.5 30.7



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



#77

Pyrene

Concen: 44.82 ng

RT: 16.90 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

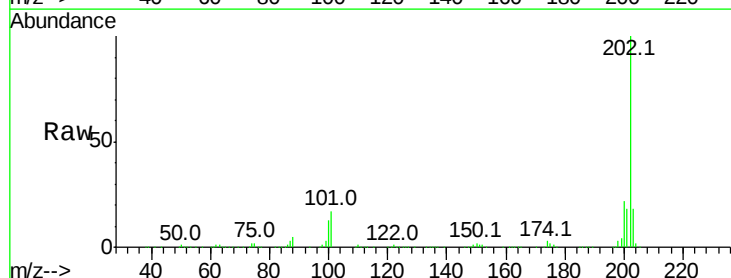
Tgt Ion:202 Resp: 865664

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

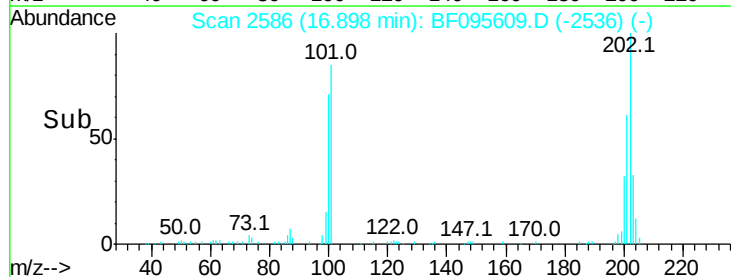
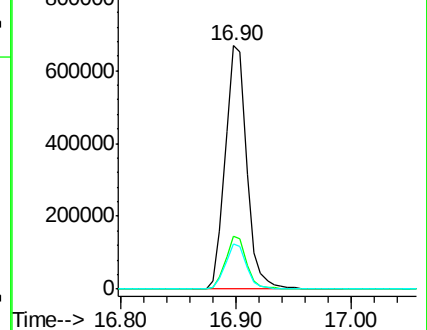
203 18.4 14.4 21.6

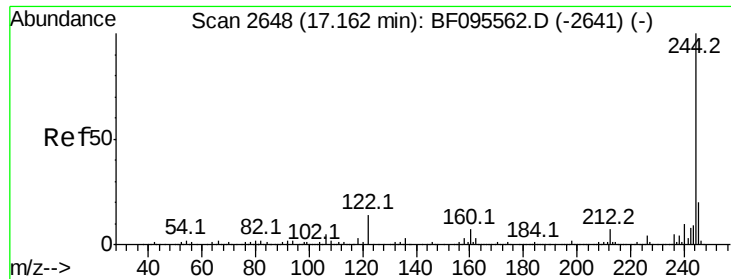


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

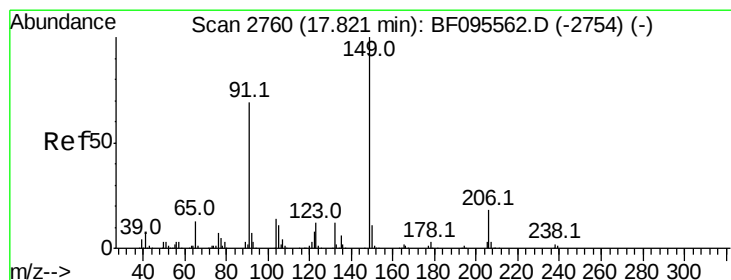
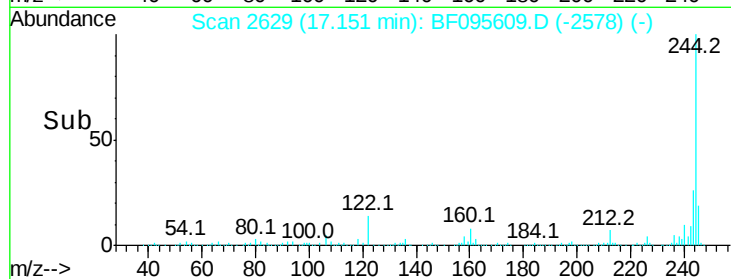
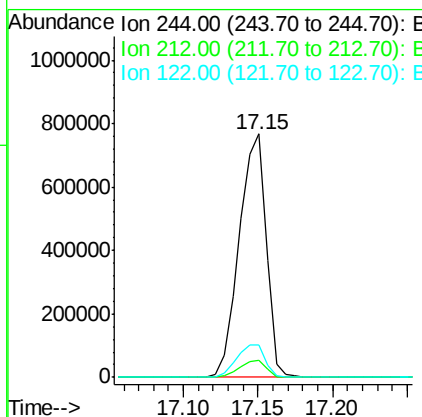
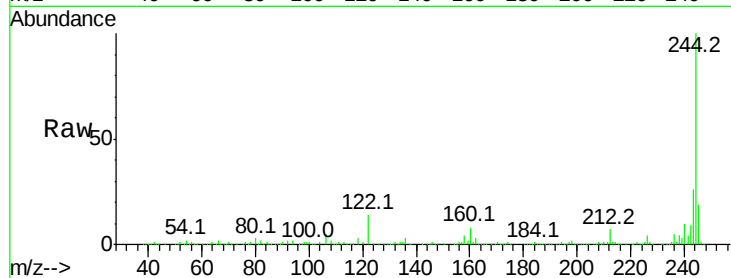




#78
 Terphenyl-d14
 Concen: 82.71 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

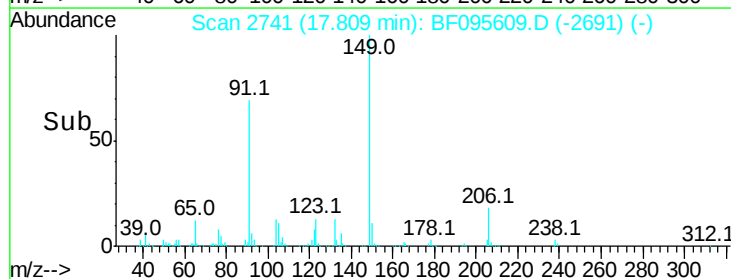
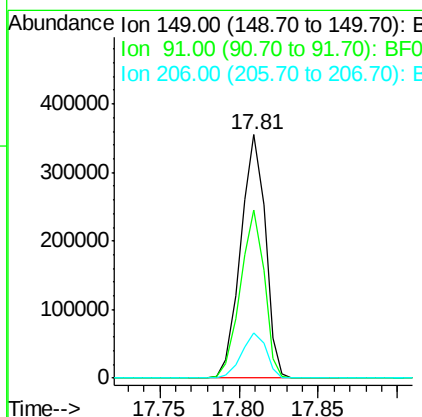
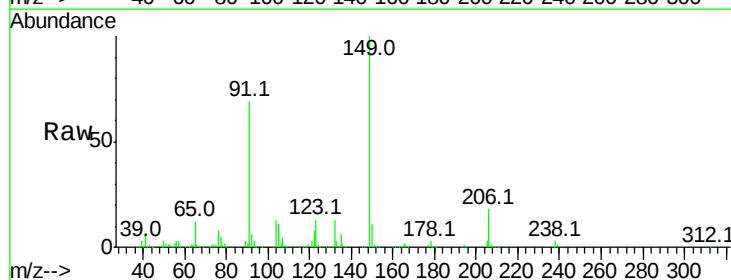
Instrument :
 BNA_F
 ClientSampled :

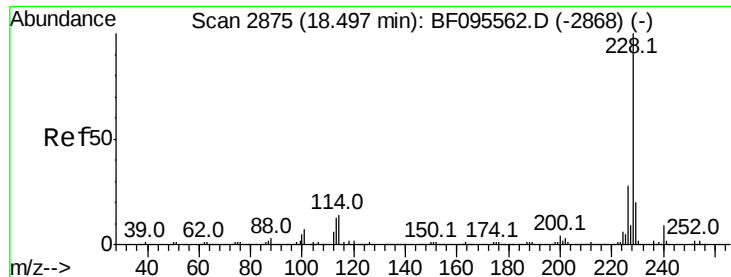
Tot Ion:244 Resp: 969858
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.5 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 42.64 ng
 RT: 17.81 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BF095609.D
 Acq: 1 Jun 2017 22:52

Tgt Ion:149 Resp: 383080
 Ion Ratio Lower Upper
 149 100
 91 68.9 45.0 67.4#
 206 18.3 17.0 25.6





#80

Benzo(a)anthracene

Concen: 43.86 ng

RT: 18.49 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

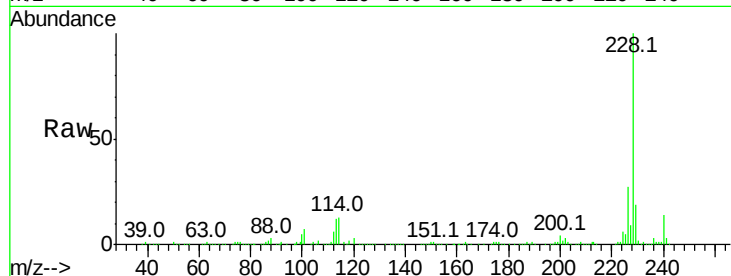
Tot Ion:228 Resp: 659285

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.4	16.3	24.5

228 100

226 27.4 22.6 33.8

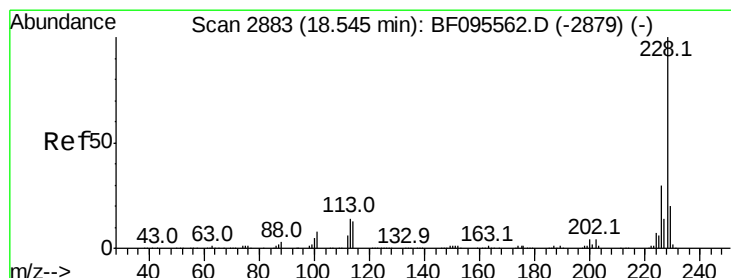
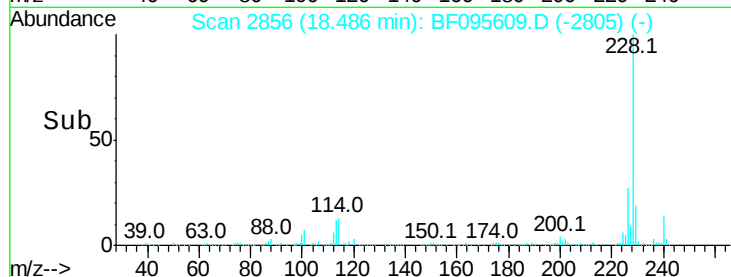
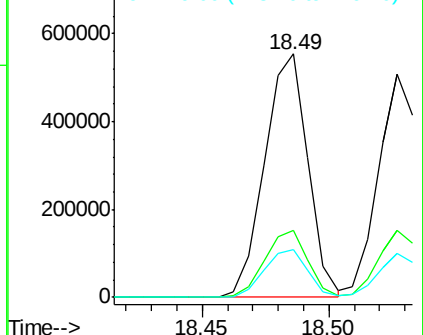
229 19.4 16.3 24.5



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



#82

Chrysene

Concen: 44.14 ng

RT: 18.53 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

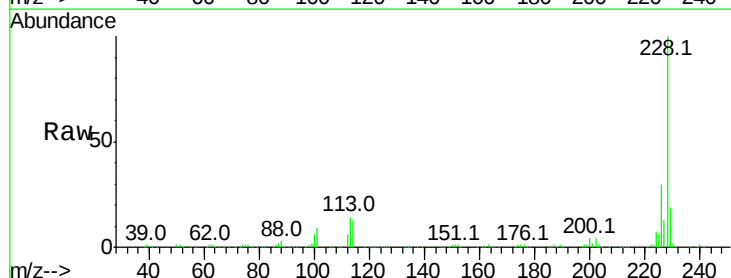
Tgt Ion:228 Resp: 641586

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.5	15.8	23.6

228 100

226 30.0 24.9 37.3

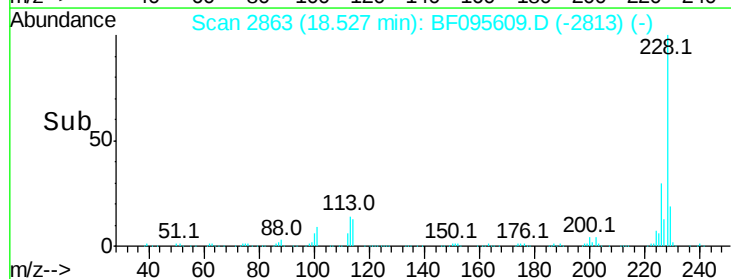
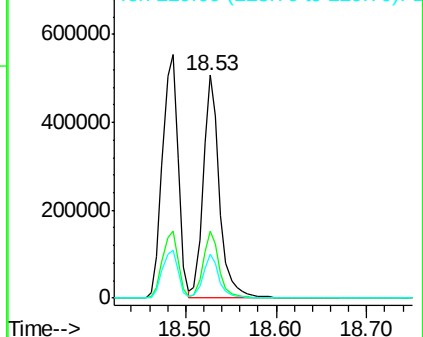
229 19.5 15.8 23.6

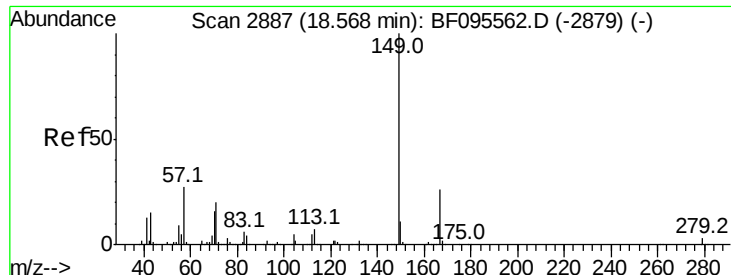


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.63 ng

RT: 18.56 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :

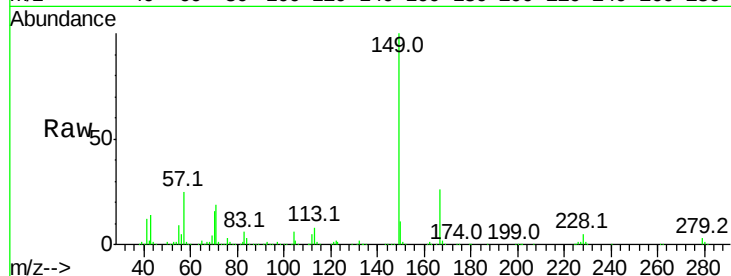
Tot Ion:149 Resp: 558451

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

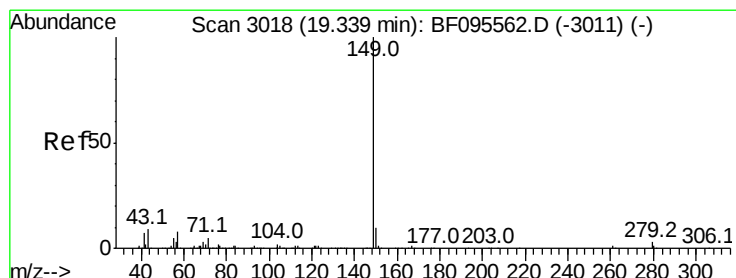
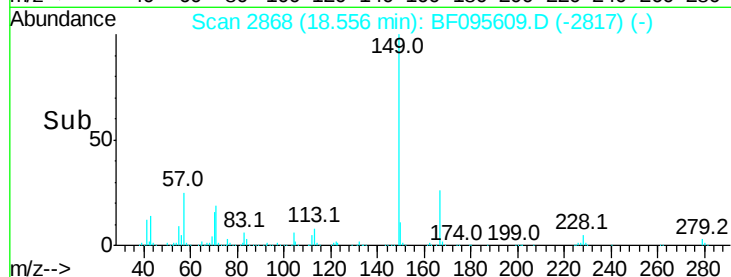
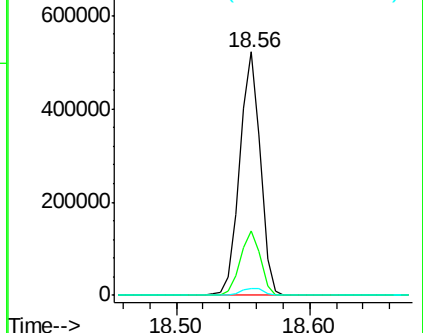
279 3.0 1.9 2.9#



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: 40.32 ng

RT: 19.33 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

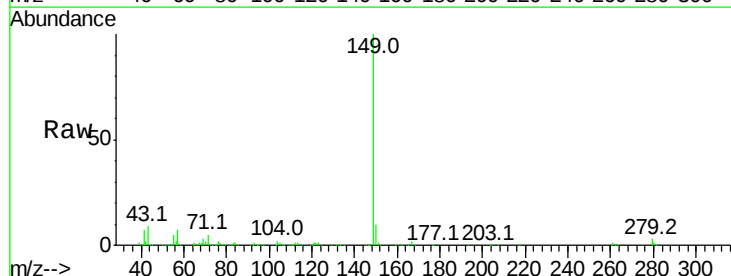
Tgt Ion:149 Resp: 846092

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

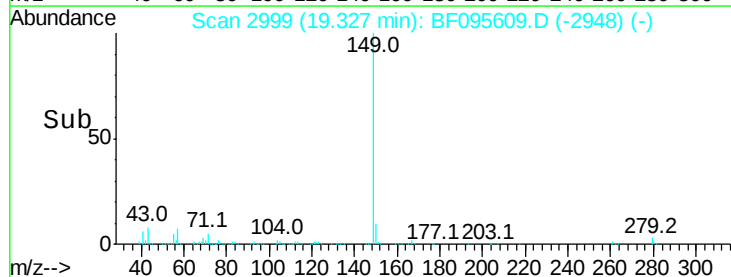
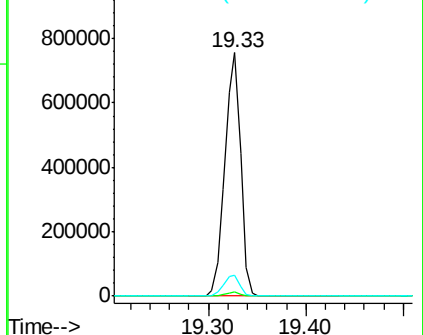
43 8.8 8.5 12.7

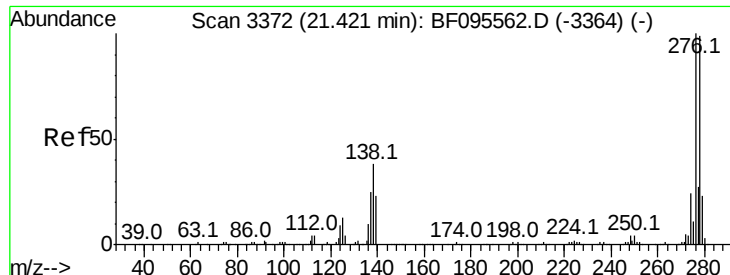


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

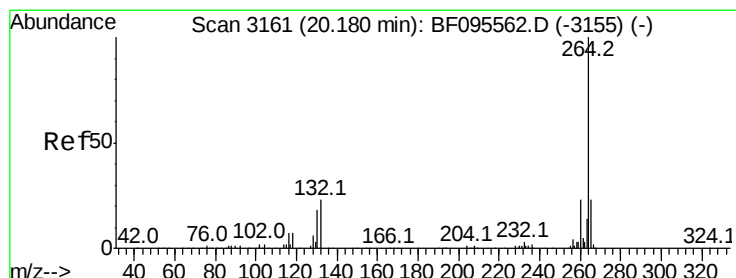
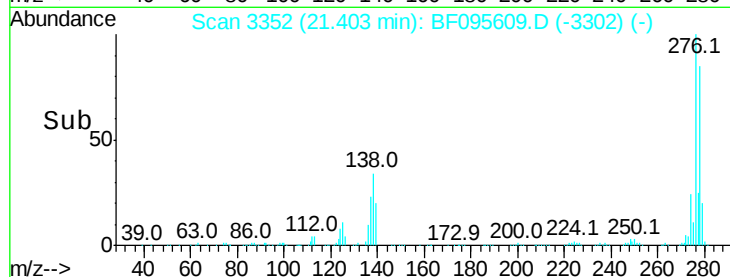
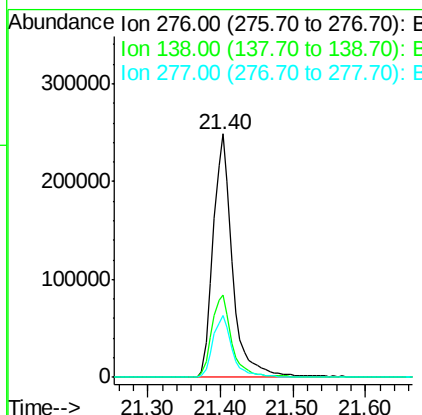
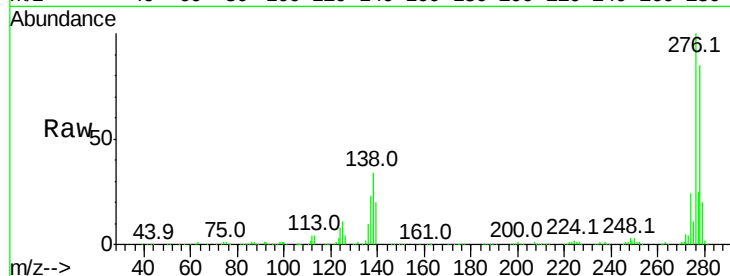




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.29 ng
RT: 21.40 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

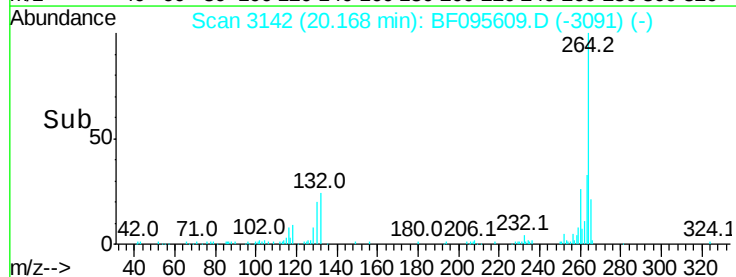
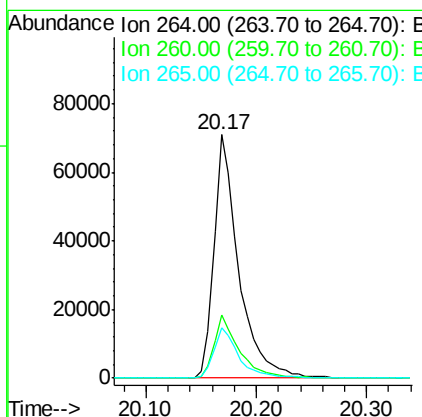
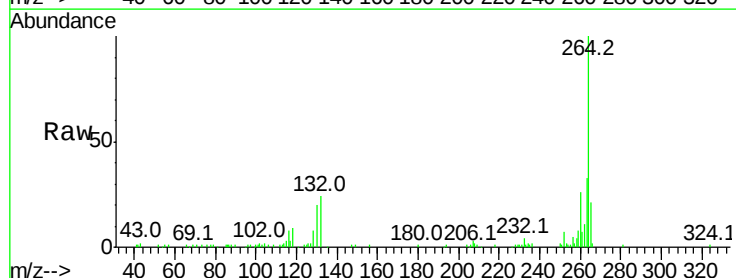
Instrument :
BNA_F
ClientSampleId :

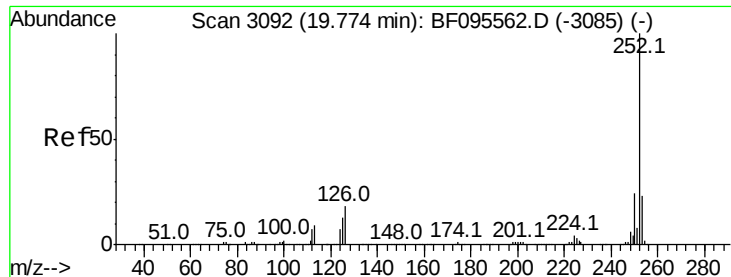
Tot Ion:276 Resp: 463714
Ion Ratio Lower Upper
276 100
138 35.1 27.8 41.6
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion:264 Resp: 109544
Ion Ratio Lower Upper
264 100
260 25.8 19.5 29.3
265 20.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 73.25 ng

RT: 19.76 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampled :

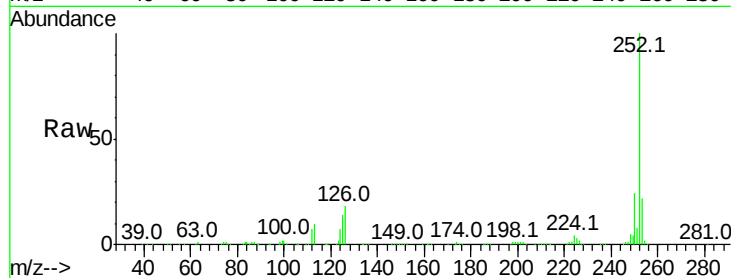
Tot Ion:252 Resp: 495851

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

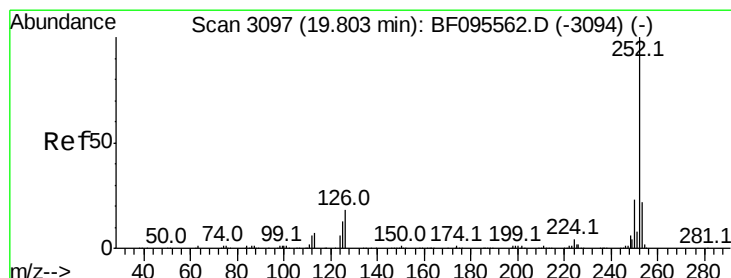
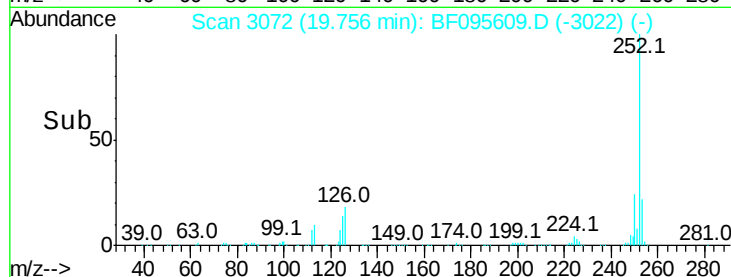
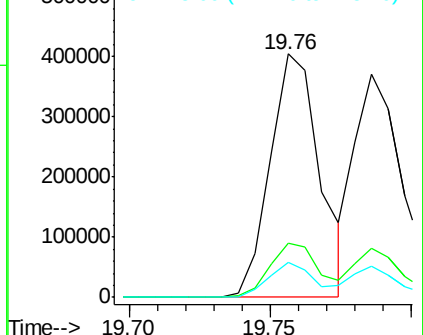
125 14.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 71.20 ng

RT: 19.79 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

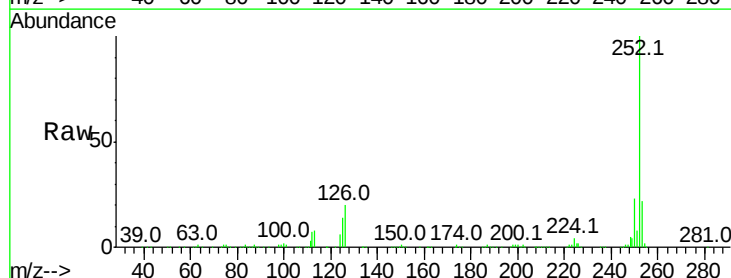
Tgt Ion:252 Resp: 464888

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

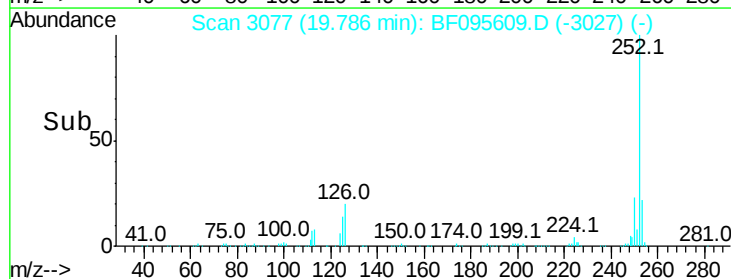
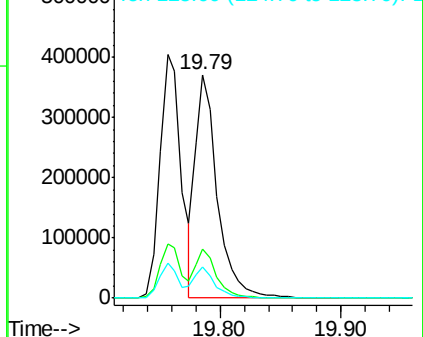
125 13.9 13.1 19.7

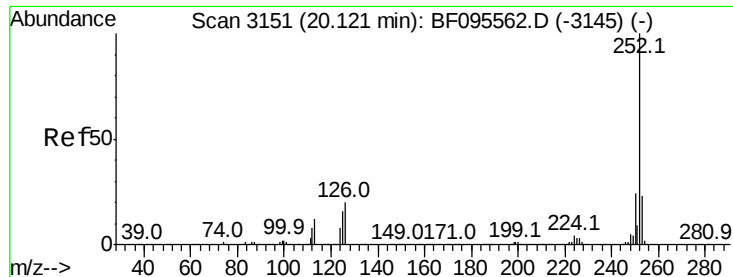


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

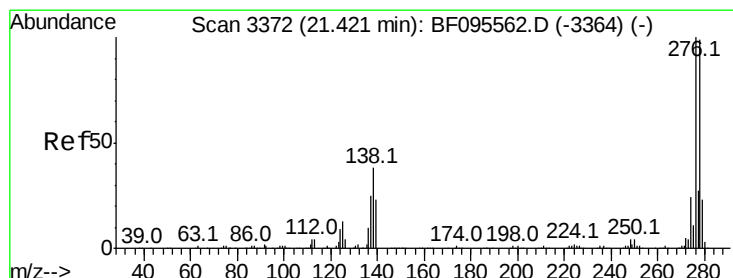
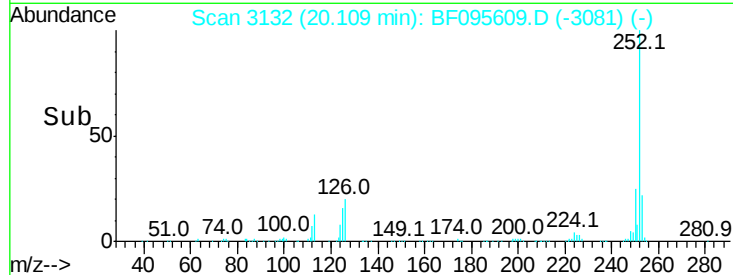
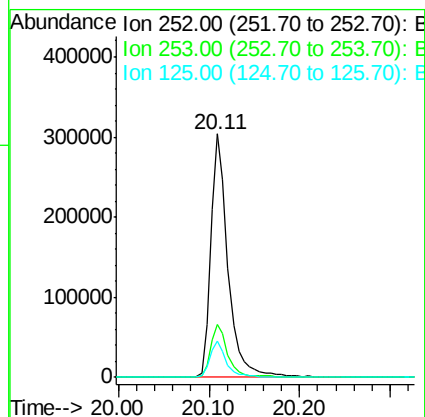
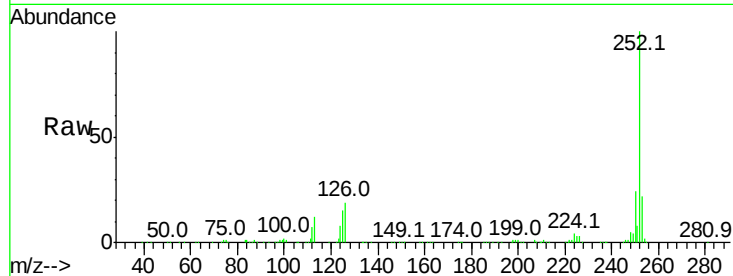




#89
Benzo(a)pyrene
Concen: 64.89 ng
RT: 20.11 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

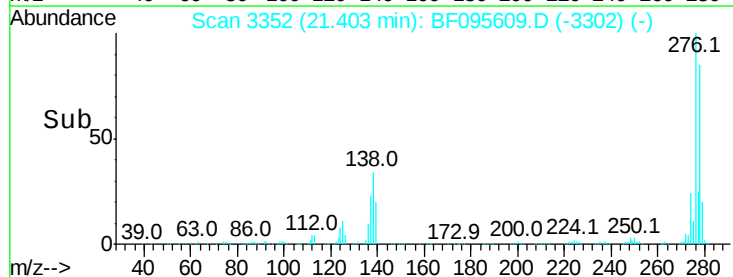
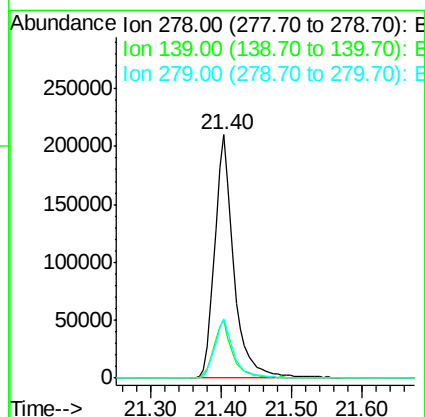
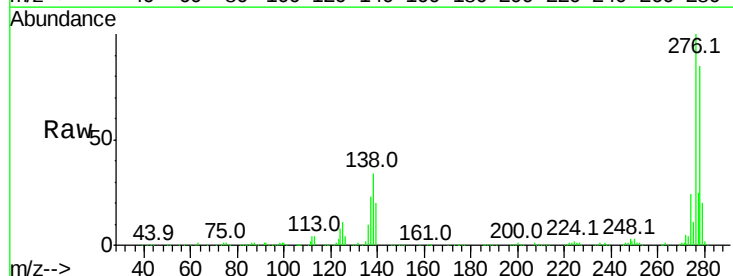
Instrument :
BNA_F
ClientSampleId :

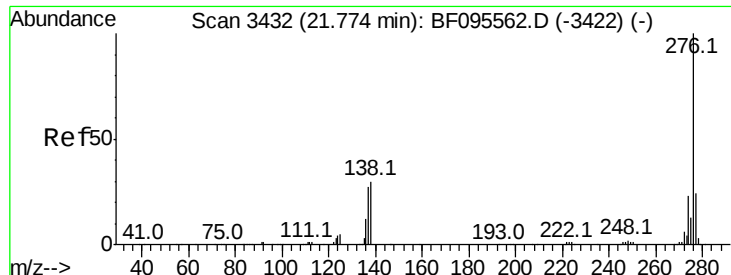
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.0	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 76.81 ng
RT: 21.40 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BF095609.D
Acq: 1 Jun 2017 22:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.6	24.8
279	24.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 76.27 ng

RT: 21.76 min Scan# 3412

Delta R.T. 0.00 min

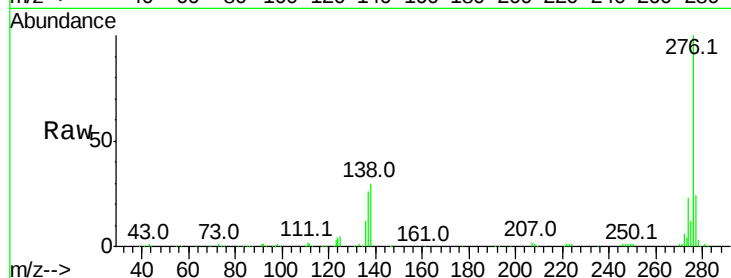
Lab File: BF095609.D

Acq: 1 Jun 2017 22:52

Instrument :

BNA_F

ClientSampleId :



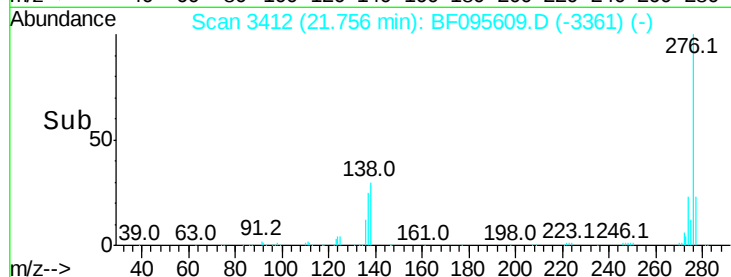
Tot Ion:276 Resp: 386078

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 29.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

