

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095610.D
 Acq On : 1 Jun 2017 23:55
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 04:51:07 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	129054	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	552841	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	263028	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	498034	20.00	ng	0.00
75) Chrysene-d12	18.50	240	374018	20.00	ng	0.00
86) Perylene-d12	20.17	264	249124	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	687264	88.79	ng	0.00
7) Phenol-d6	7.10	99	847355	91.23	ng	0.00
23) Nitrobenzene-d5	8.46	82	712664	81.29	ng	0.00
41) 2,4,6-Tribromophenol	13.70	330	163298	75.81	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1318905	72.17	ng	0.00
78) Terphenyl-d14	17.15	244	1321966	77.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.83	88	151141	39.81	ng	95
3) Pyridine	2.42	79	382775	43.50	ng	99
4) n-Nitrosodimethylamine	2.40	42	157842	43.04	ng	90
6) Aniline	7.04	93	540506	46.10	ng	96
8) 2-Chlorophenol	7.23	128	390487	44.32	ng	95
9) Benzaldehyde	6.85	77	240366	42.38	ng	99
10) Phenol	7.12	94	481965	49.24	ng	91
11) bis(2-Chloroethyl)ether	7.18	93	358770	44.40	ng	97
12) 1,3-Dichlorobenzene	7.44	146	402853	40.31	ng	98
13) 1,4-Dichlorobenzene	7.56	146	414820	40.93	ng	96
14) 1,2-Dichlorobenzene	7.80	146	387486	40.96	ng	98
15) Benzyl Alcohol	7.85	79	286383	47.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	463878	40.56	ng	98
17) 2-Methylphenol	8.06	107	323077	44.81	ng	97
18) Hexachloroethane	8.32	117	136319	39.70	ng	# 85
19) n-Nitroso-di-n-propylamine	8.27	70	270147	43.01	ng	92
20) 3+4-Methylphenols	8.32	107	410649	41.91	ng	# 59
22) Acetophenone	8.23	105	528892	39.87	ng	# 85
24) Nitrobenzene	8.49	77	372967	40.59	ng	92
25) Isophorone	8.89	82	647018	41.33	ng	95
26) 2-Nitrophenol	9.00	139	214966	43.35	ng	98
27) 2,4-Dimethylphenol	9.14	122	326013	40.67	ng	99
28) bis(2-Chloroethoxy)methane	9.26	93	440434	40.67	ng	99
29) 2,4-Dichlorophenol	9.42	162	318897	42.13	ng	99
30) 1,2,4-Trichlorobenzene	9.50	180	309956	38.22	ng	98
31) Naphthalene	9.60	128	1095018	39.41	ng	99
32) Benzoic acid	9.52	122	184731	36.46	ng	98
33) 4-Chloroaniline	9.75	127	459869	44.41	ng	94
34) Hexachlorobutadiene	9.82	225	159303	37.23	ng	98
35) Caprolactam	10.40	113	86393	38.01	ng	92
36) 4-Chloro-3-methylphenol	10.62	107	370558	45.79	ng	89
37) 2-Methylnaphthalene	10.73	142	747755	41.00	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	313576	38.77	ng	99
40) Hexachlorocyclopentadiene	10.99	237	138810	43.79	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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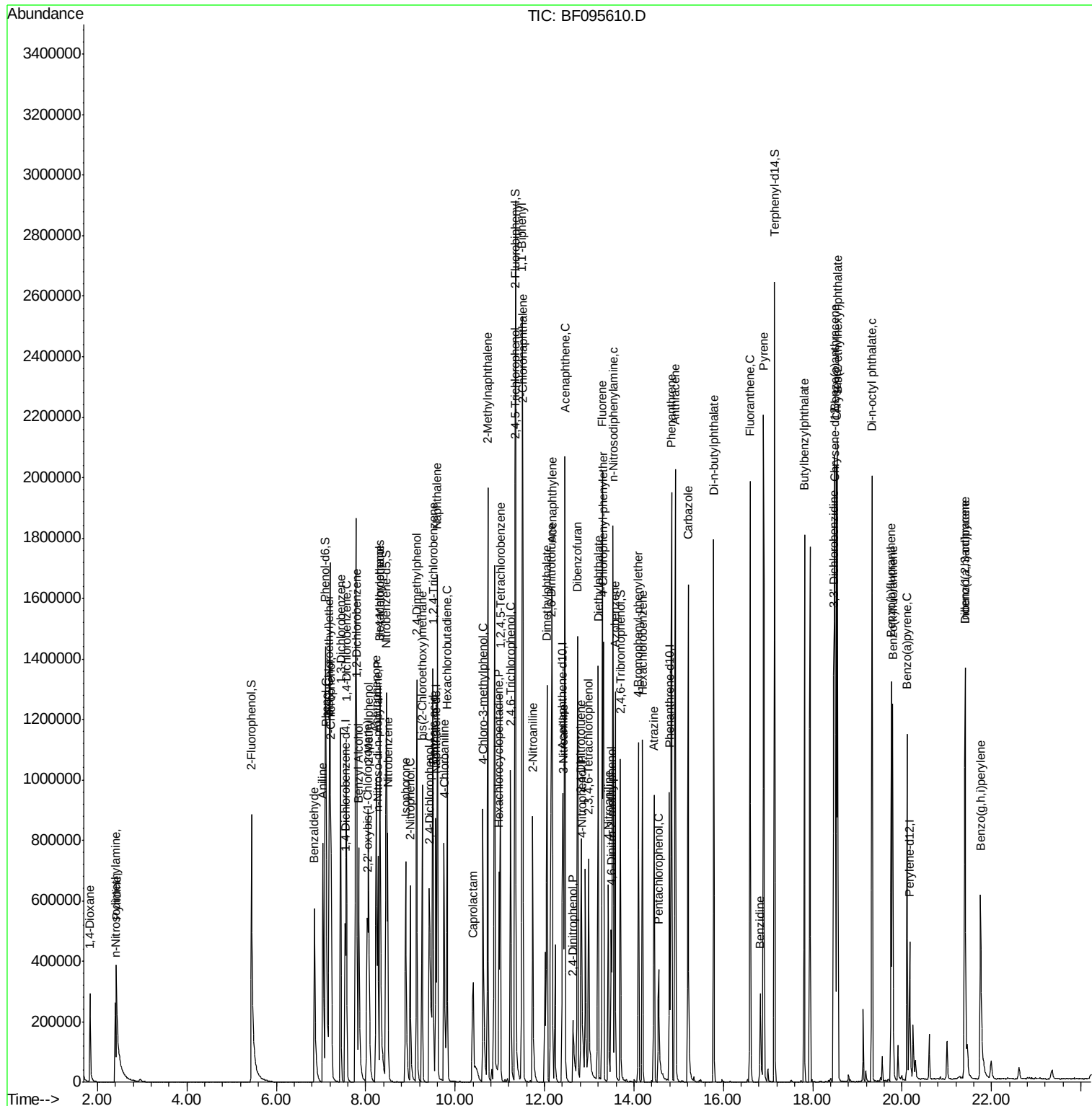
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	212945	39.43	nq	98
43) 2,4,5-Trichlorophenol	11.33	196	211718	36.47	nq	94
45) 1,1'-Biphenyl	11.50	154	865158	39.07	nq	97
46) 2-Chloronaphthalene	11.52	162	692191	38.71	nq	95
47) 2-Nitroaniline	11.74	65	221274	45.21	nq	# 85
48) Acenaphthylene	12.17	152	1035666	36.98	nq	99
49) Dimethylphthalate	12.06	163	792932	36.72	nq	100
50) 2,6-Dinitrotoluene	12.16	165	168120	38.16	nq	# 90
51) Acenaphthene	12.46	154	653086	39.04	nq	99
52) 3-Nitroaniline	12.42	138	220442	46.62	nq	89
53) 2,4-Dinitrophenol	12.64	184	68457	32.26	nq	# 65
54) Dibenzofuran	12.74	168	868235	37.51	nq	97
55) 4-Nitrophenol	12.83	139	101475	35.73	nq	# 74
56) 2,4-Dinitrotoluene	12.82	165	241607	42.68	nq	# 90
57) Fluorene	13.30	166	779702	38.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.99	232	151126	41.37	nq	# 94
59) Diethylphthalate	13.20	149	824053	39.82	nq	99
60) 4-Chlorophenyl-phenylether	13.32	204	345019	39.00	nq	91
61) 4-Nitroaniline	13.43	138	221329	50.99	nq	97
62) Azobenzene	13.58	77	626514	37.67	nq	95
64) 4,6-Dinitro-2-methylphenol	13.49	198	128731	38.56	nq	# 71
65) n-Nitrosodiphenylamine	13.53	169	694220	38.41	nq	99
66) 4-Bromophenyl-phenylether	14.10	248	190643	36.23	nq	99
67) Hexachlorobenzene	14.19	284	203158	37.68	nq	# 87
68) Atrazine	14.46	200	177021	34.69	nq	96
69) Pentachlorophenol	14.55	266	85211	38.25	nq	98
70) Phenanthrene	14.84	178	1102134	38.52	nq	98
71) Anthracene	14.93	178	1143716	39.13	nq	98
72) Carbazole	15.22	167	1031224	38.77	nq	98
73) Di-n-butylphthalate	15.79	149	1316335	39.69	nq	99
74) Fluoranthene	16.60	202	1076823	36.68	nq	99
76) Benzidine	16.83	184	197833	23.46	nq	95
77) Pyrene	16.90	202	1180352	42.20	nq	99
79) Butylbenzylphthalate	17.82	149	557765	42.87	nq	89
80) Benzo(a)anthracene	18.49	228	861175	39.56	nq	99
81) 3,3'-Dichlorobenzidine	18.47	252	292708	38.93	nq	# 97
82) Chrysene	18.53	228	847052	40.24	nq	99
83) Bis(2-ethylhexyl)phthalate	18.56	149	787285	42.47	nq	# 100
84) Di-n-octyl phthalate	19.33	149	1212597	39.90	nq	97
85) Indeno(1,2,3-cd)pyrene	21.41	276	582459	34.08	nq	100
87) Benzo(b)fluoranthene	19.76	252	603815	39.22	nq	100
88) Benzo(k)fluoranthene	19.79	252	630099	42.43	nq	# 94
89) Benzo(a)pyrene	20.11	252	558622	39.33	nq	98
90) Dibenzo(a,h)anthracene	21.41	278	502771	42.86	nq	98
91) Benzo(g,h,i)perylene	21.76	276	537032	46.65	nq	98

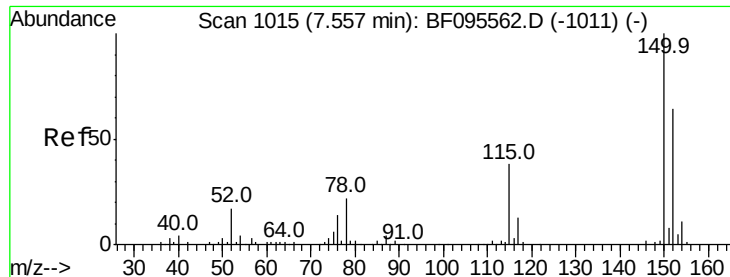
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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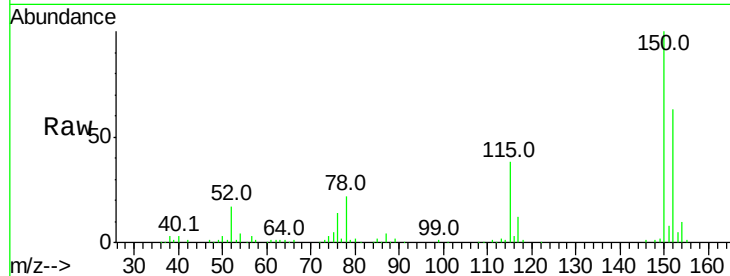


#1

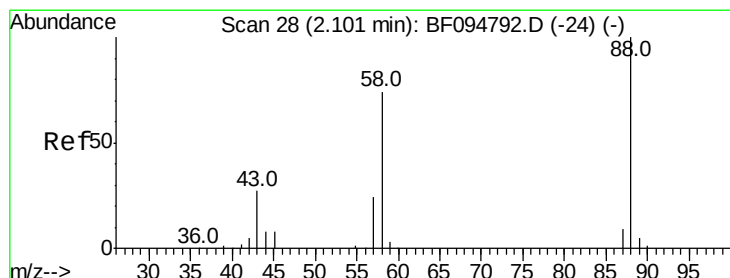
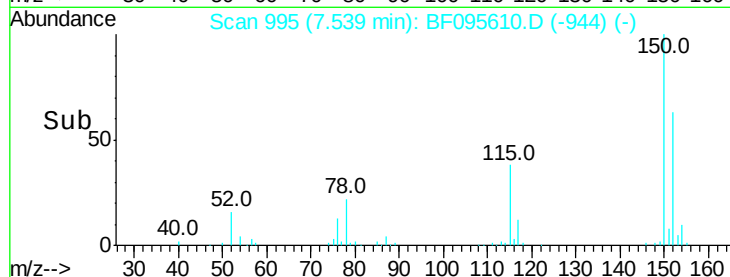
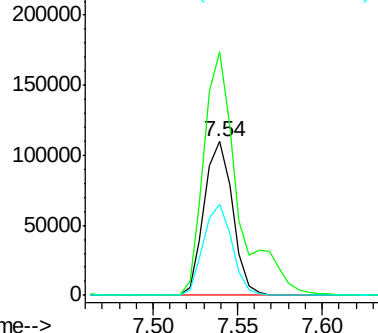
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 129054
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 59.8 52.2 78.2



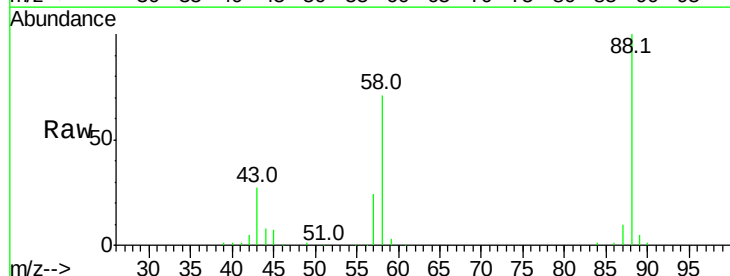
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



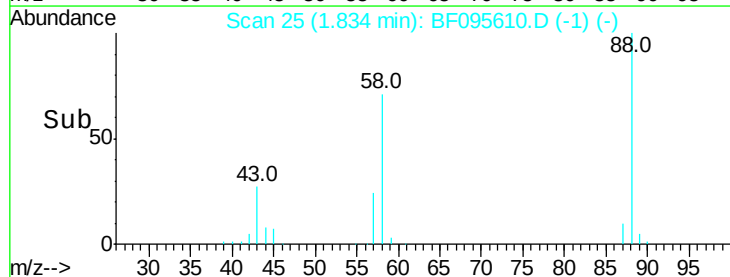
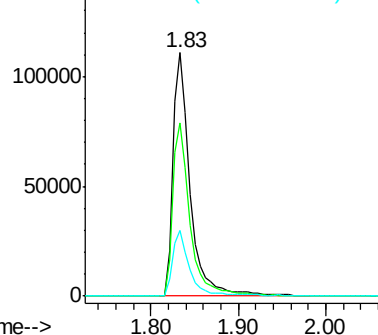
#2

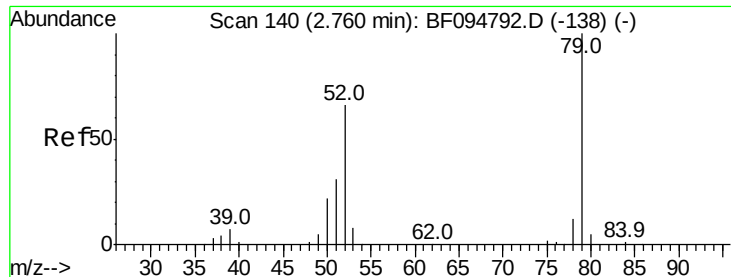
1,4-Dioxane
Concen: 39.81 ng
RT: 1.83 min Scan# 25
Delta R.T. -0.02 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion: 88 Resp: 151141
Ion Ratio Lower Upper
88 100
58 71.9 61.4 92.0
43 26.5 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: 43.50 ng

RT: 2.42 min Scan# 125

Delta R.T. -0.02 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

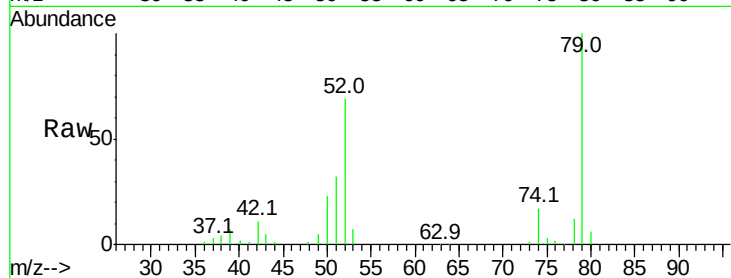
Tot Ion: 79 Resp: 382775

Ion Ratio Lower Upper

79 100

52 68.5 54.8 82.2

51 32.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

150000

100000

50000

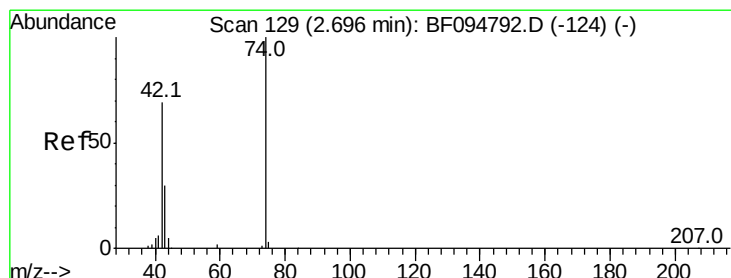
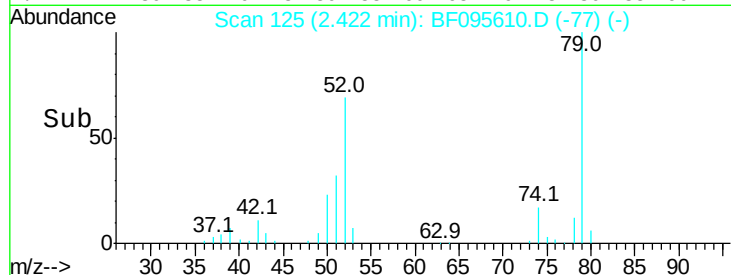
0

2.42

2.40

2.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 43.04 ng

RT: 2.40 min Scan# 121

Delta R.T. -0.02 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

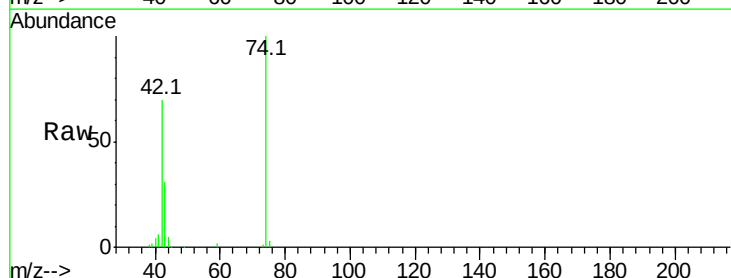
Tgt Ion: 42 Resp: 157842

Ion Ratio Lower Upper

42 100

74 142.5 103.9 155.9

44 6.5 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

150000

100000

50000

0

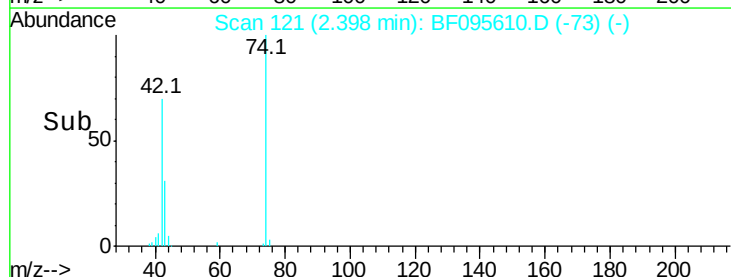
2.40

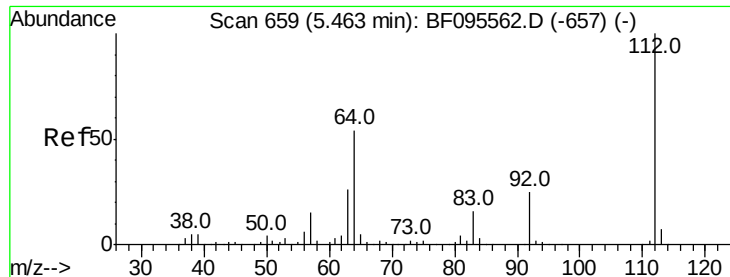
2.30

2.50

2.60

Time-->





#5

2-Fluorophenol

Concen: 88.79 ng

RT: 5.45 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

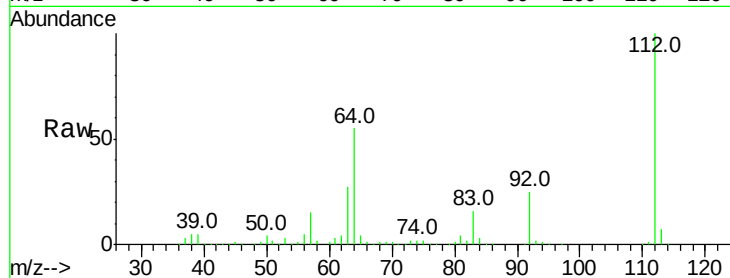
Tot Ion:112 Resp: 687264

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

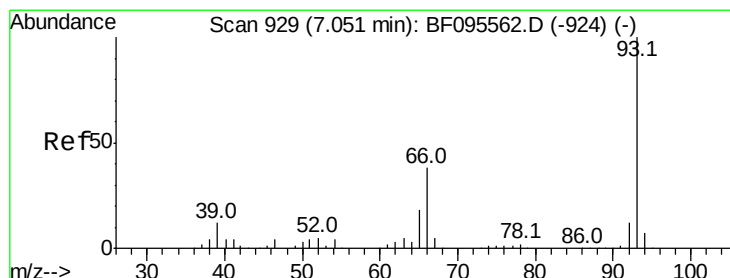
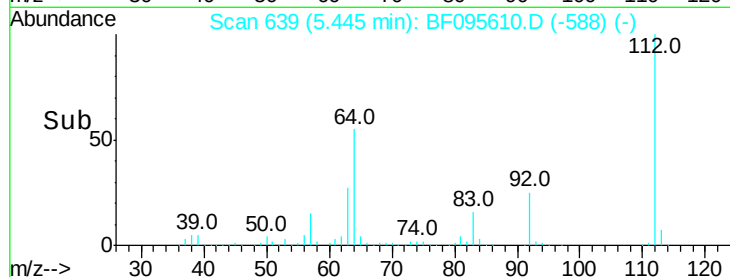
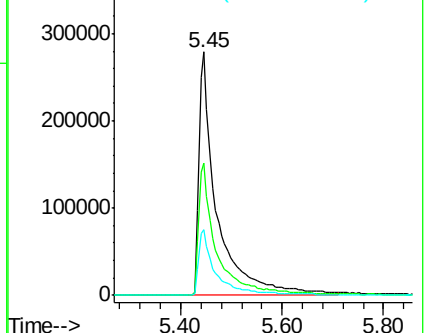
63 27.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.10 ng

RT: 7.04 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

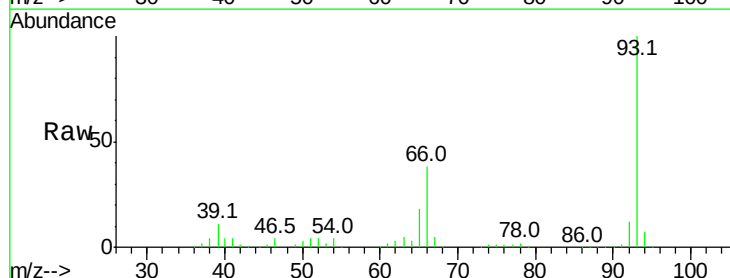
Tgt Ion: 93 Resp: 540506

Ion Ratio Lower Upper

93 100

66 38.1 32.9 49.3

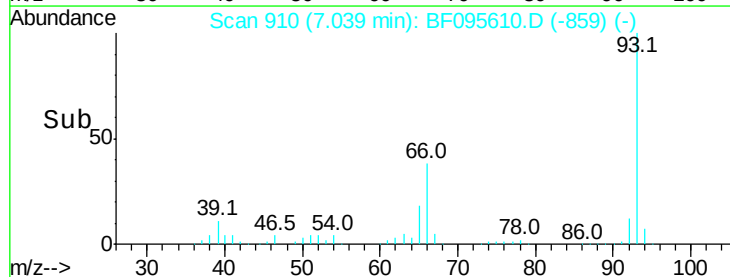
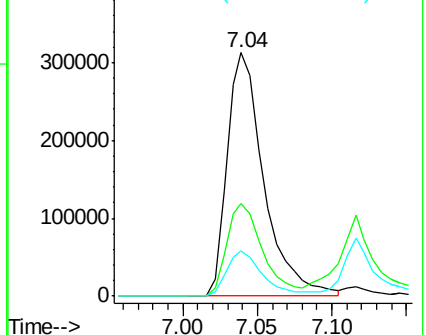
65 18.4 16.0 24.0

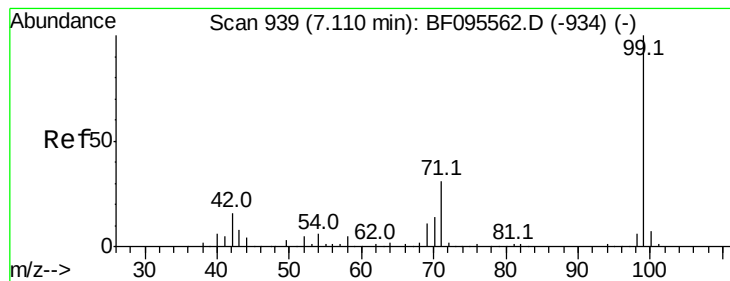


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.23 ng

RT: 7.10 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

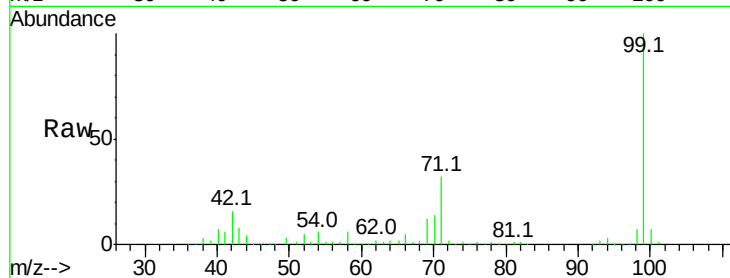
Tot Ion: 99 Resp: 847355

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

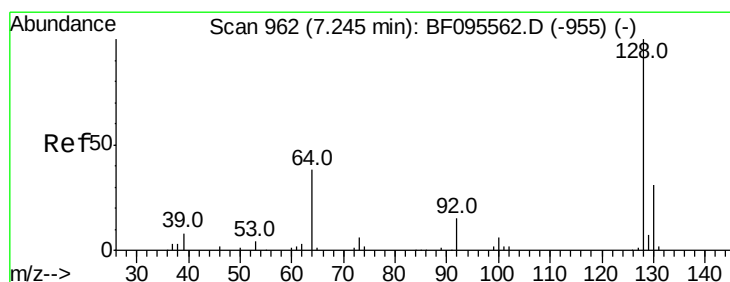
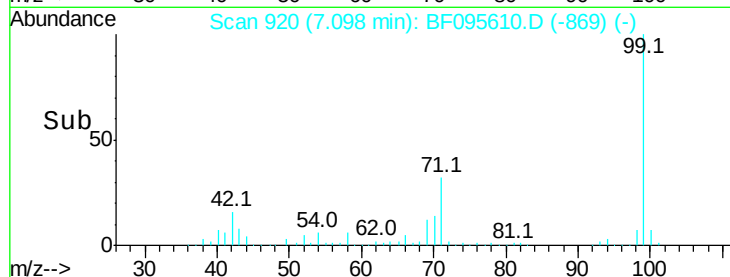
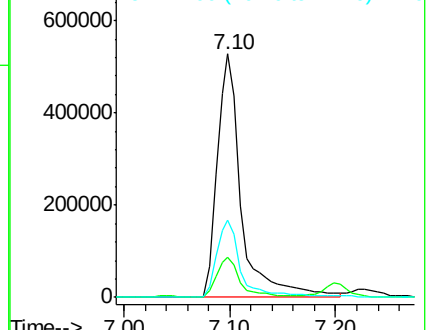
71 31.7 24.5 36.7



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: 44.32 ng

RT: 7.23 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

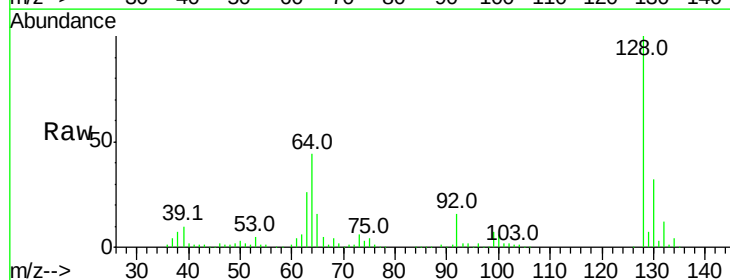
Tgt Ion: 128 Resp: 390487

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

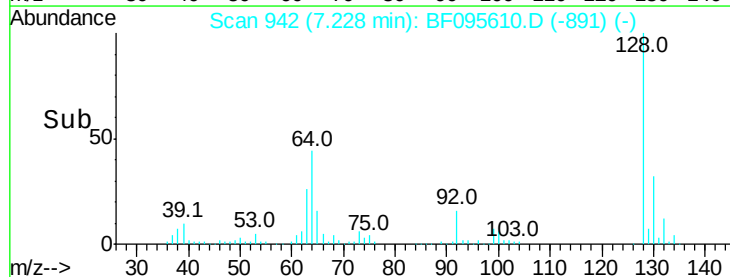
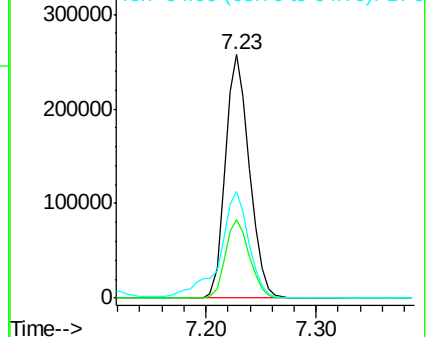
64 43.6 28.4 68.4

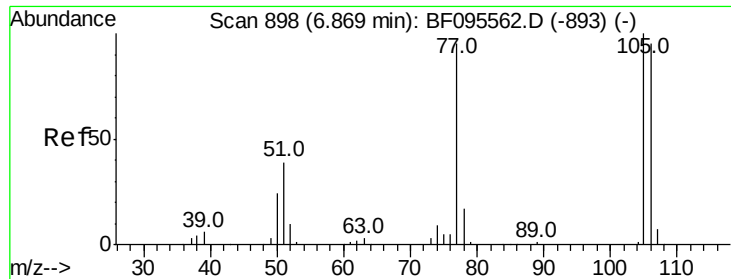


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

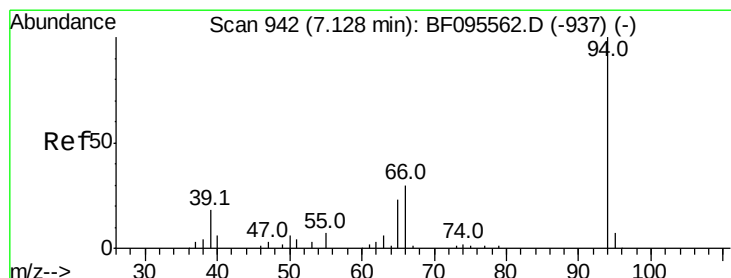
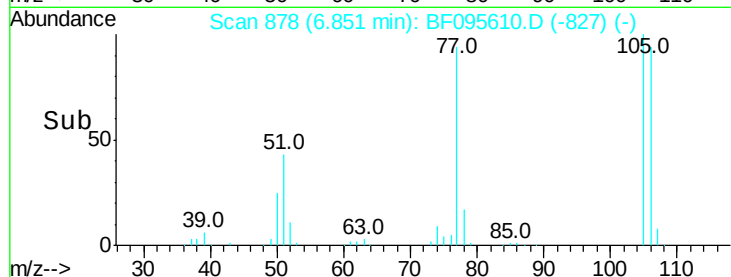
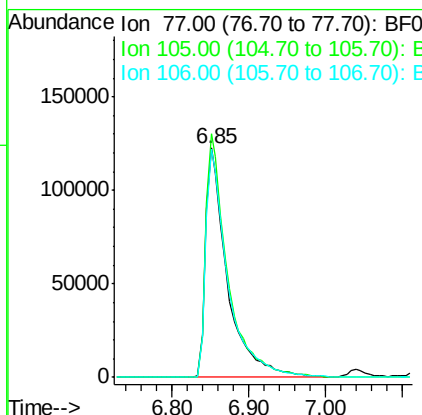
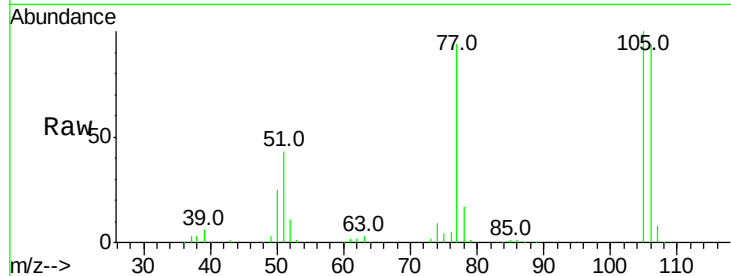




#9
Benzaldehyde
Concen: 42.38 ng
RT: 6.85 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF095610.D
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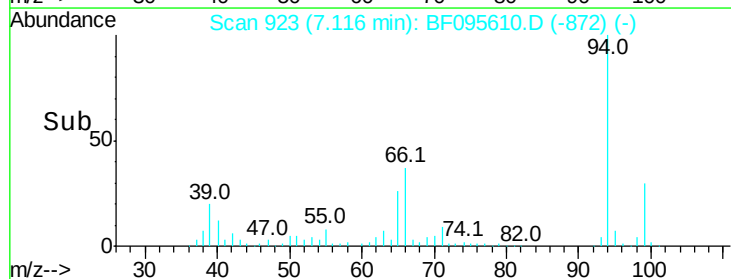
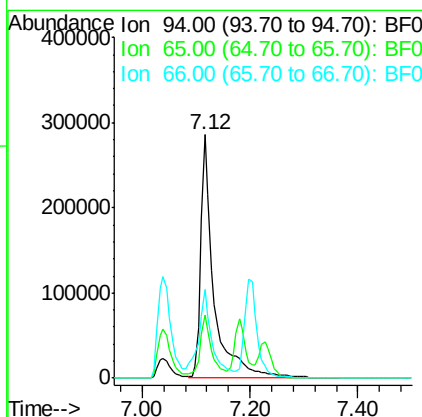
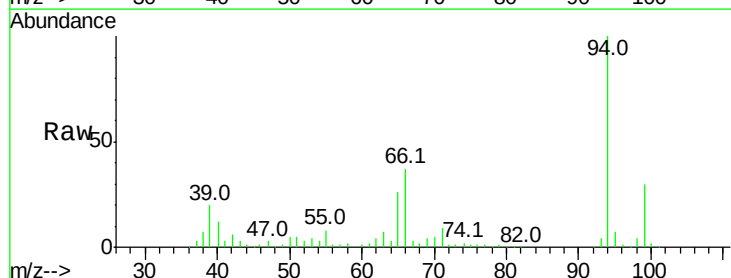
Instrument :
BNA_F
ClientSampleId :

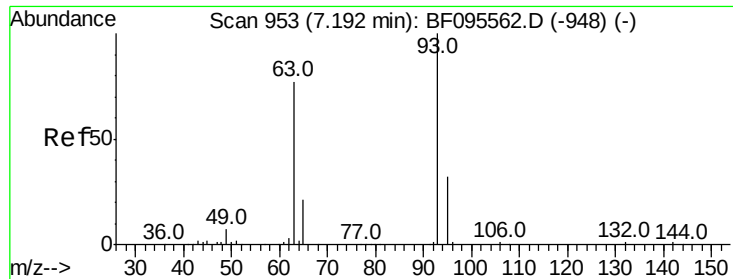
Tot Ion: 77 Resp: 240366
Ion Ratio Lower Upper
77 100
105 106.2 83.8 123.8
106 99.4 79.1 119.1



#10
Phenol
Concen: 49.24 ng
RT: 7.12 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion: 94 Resp: 481965
Ion Ratio Lower Upper
94 100
65 25.9 9.9 49.9
66 36.6 23.1 63.1

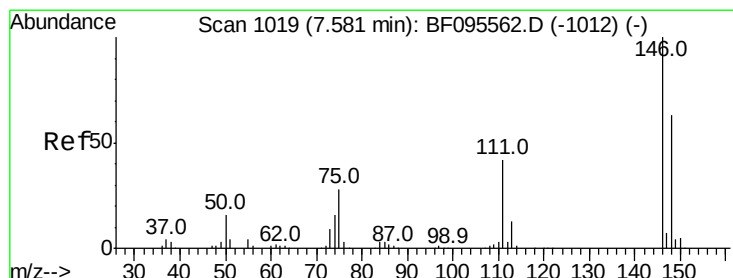
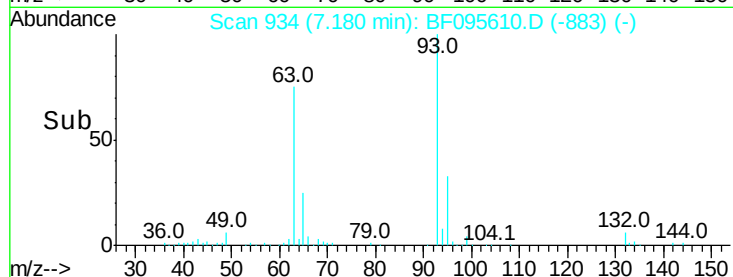
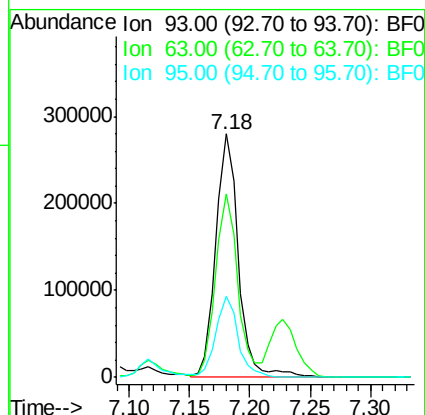
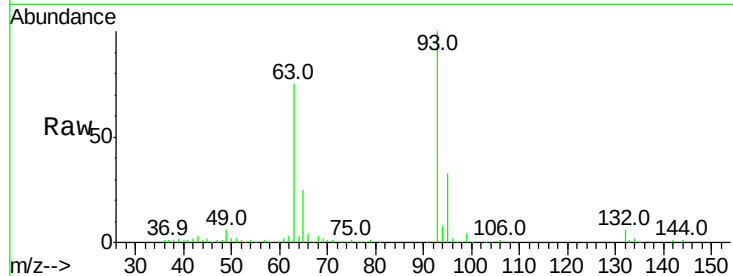




#11
bis(2-Chloroethyl)ether
Concen: 44.40 ng
RT: 7.18 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

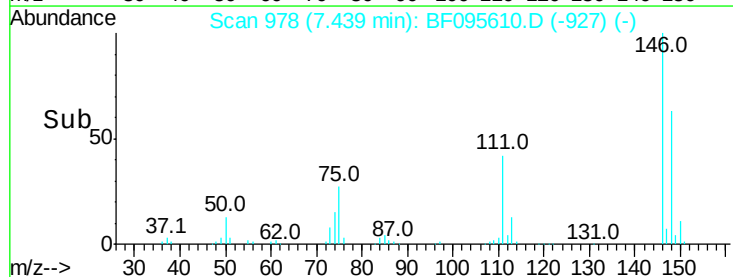
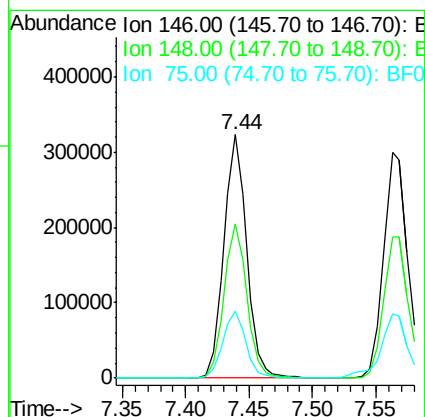
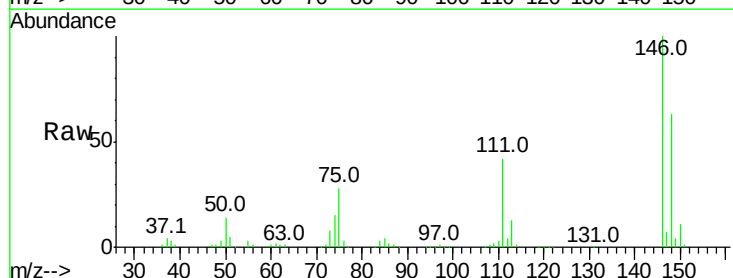
Instrument :
BNA_F
ClientSampleId :

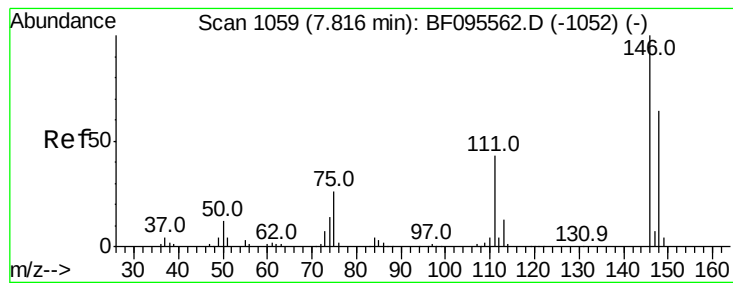
Tot Ion: 93 Resp: 358770
Ion Ratio Lower Upper
93 100
63 75.2 59.2 99.2
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.31 ng
RT: 7.44 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion: 146 Resp: 402853
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.6
75 27.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.93 ng

RT: 7.56 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

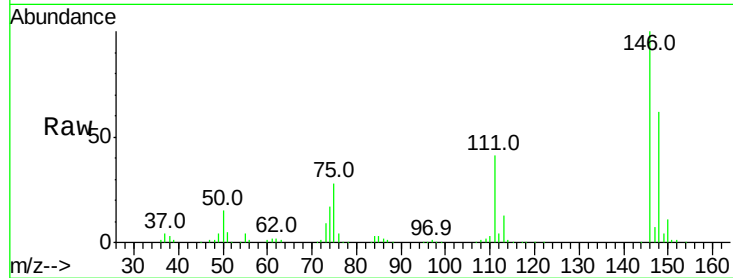
Tot Ion:146 Resp: 414820

Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.2

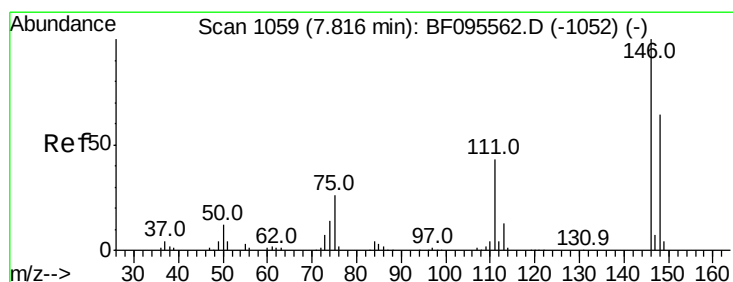
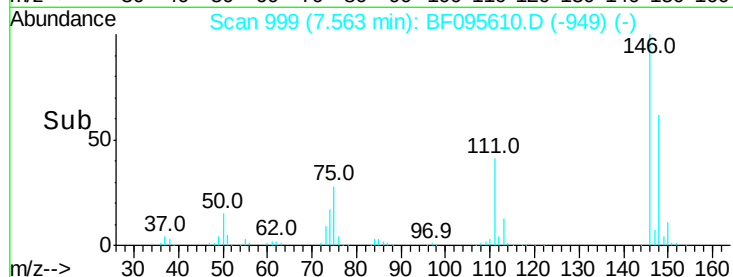
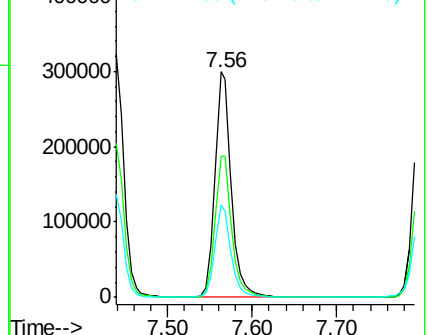
111 41.2 30.3 45.5



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: 40.96 ng

RT: 7.80 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

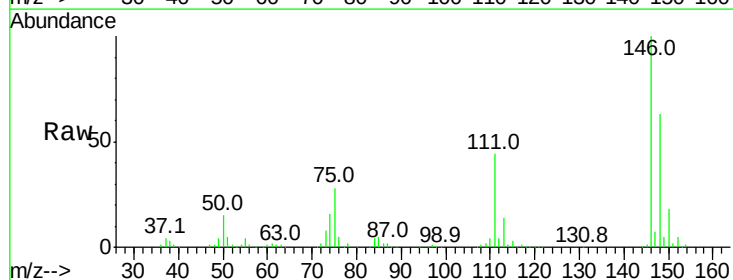
Tgt Ion:146 Resp: 387486

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

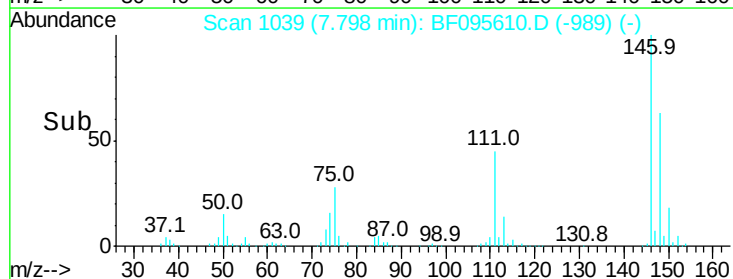
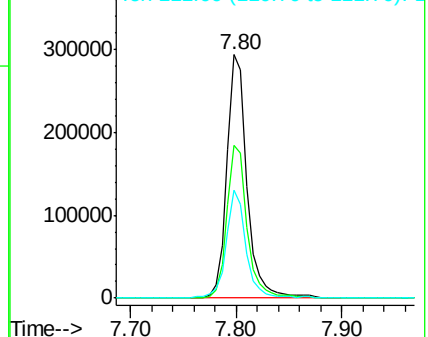
111 44.4 38.2 57.4

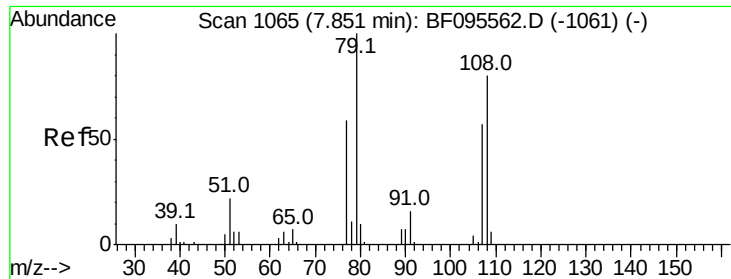


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.94 ng

RT: 7.85 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampled :

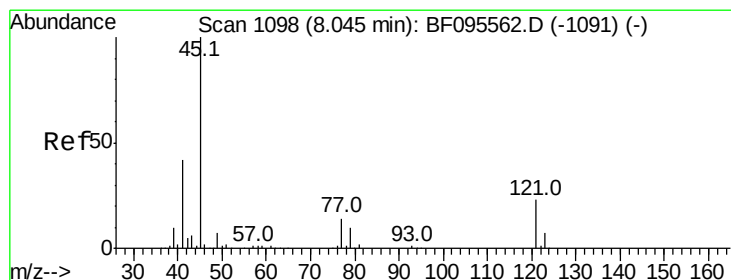
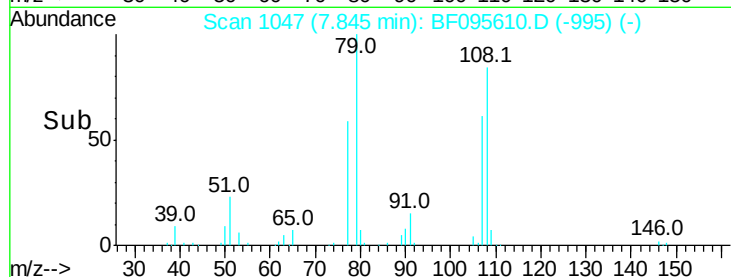
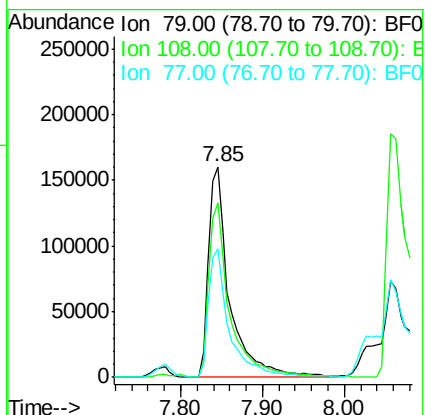
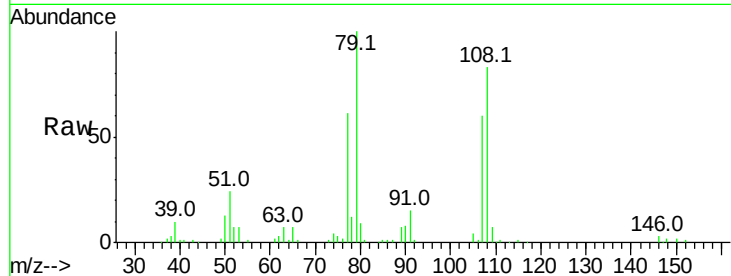
Tot Ion: 79 Resp: 286383

Ion Ratio Lower Upper

79 100

108 83.0 63.4 95.0

77 60.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.56 ng

RT: 8.03 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

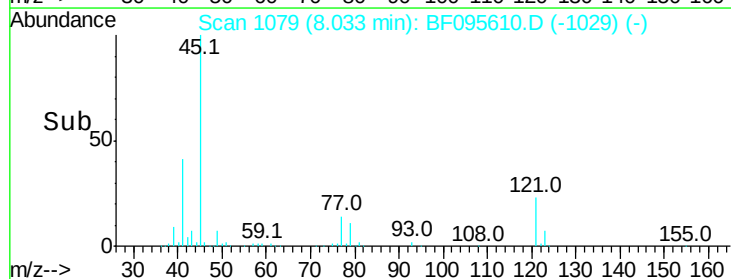
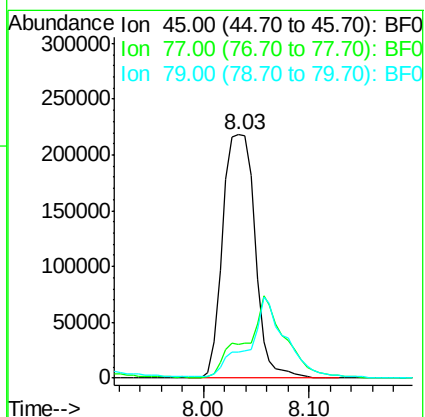
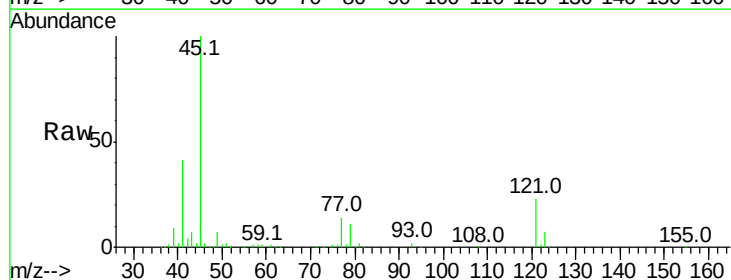
Tgt Ion: 45 Resp: 463878

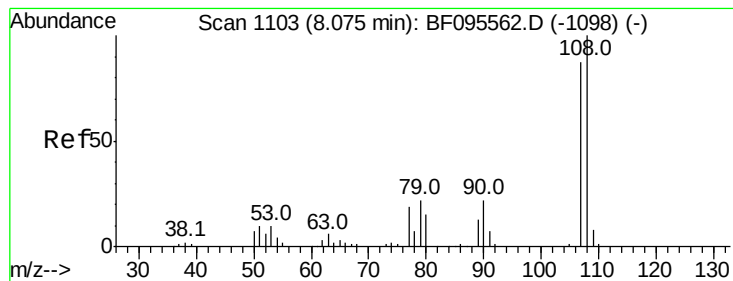
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

79 10.8 0.0 30.0

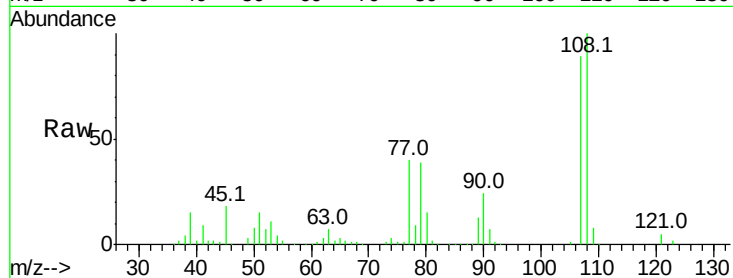




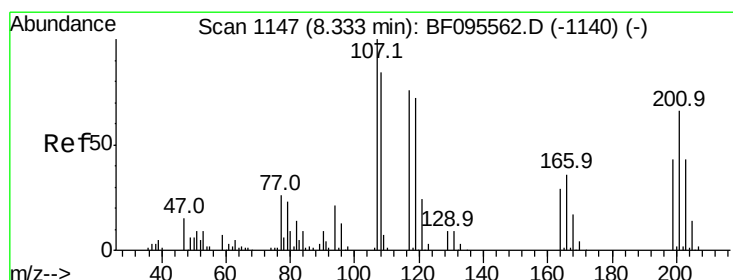
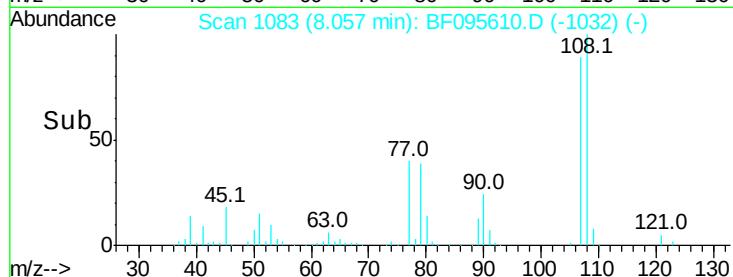
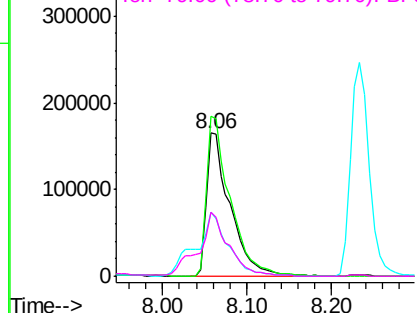
#17
2-Methylphenol
Concen: 44.81 ng
RT: 8.06 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 323077
Ion Ratio Lower Upper
107 100
108 112.2 93.4 140.0
77 44.9 35.8 53.6
79 44.3 34.8 52.2

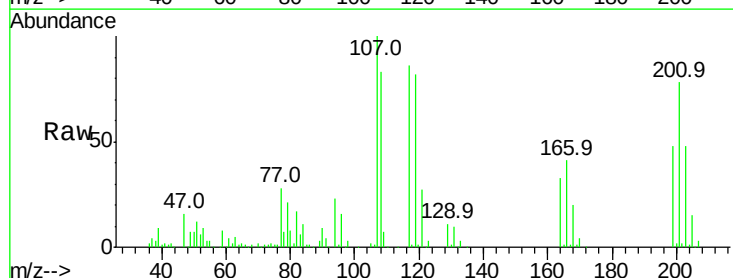


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

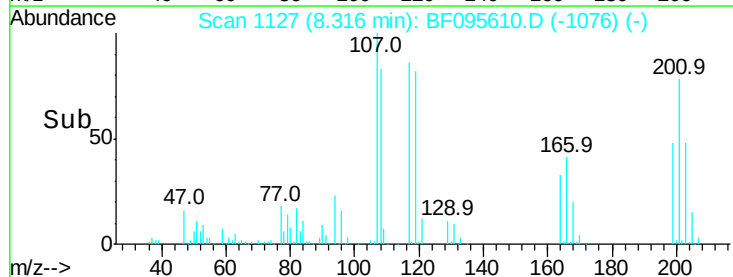
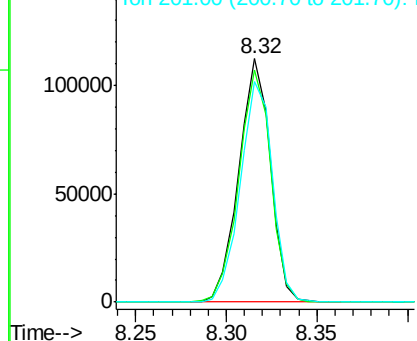


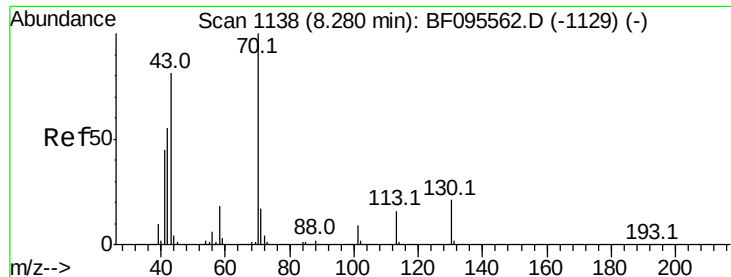
#18
Hexachloroethane
Concen: 39.70 ng
RT: 8.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:117 Resp: 136319
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
201 90.4 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

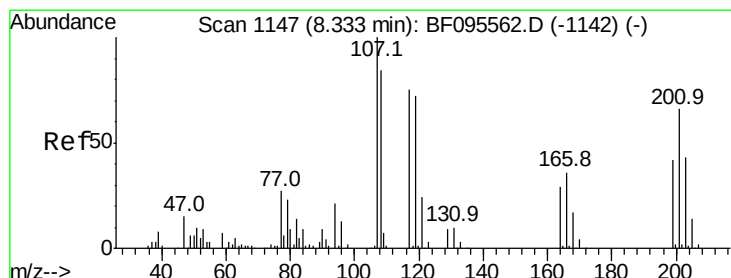
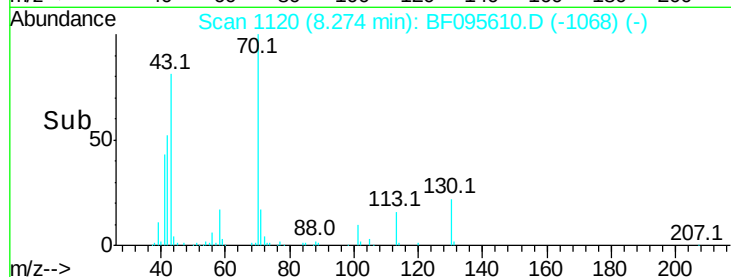
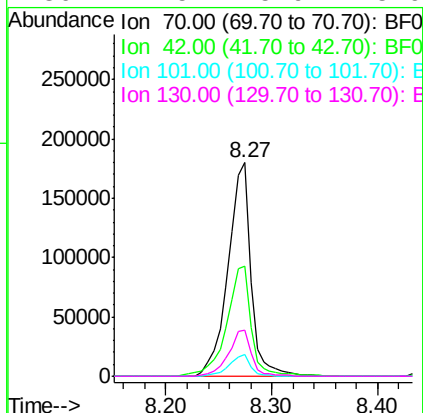
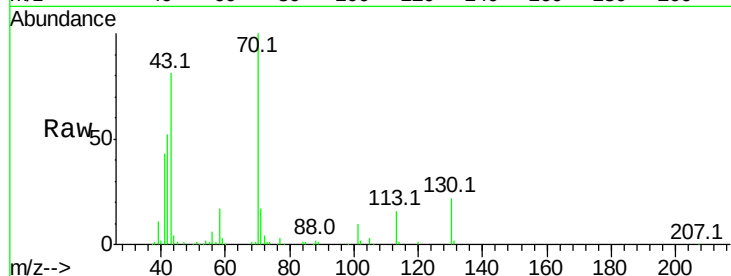




#19
n-Nitroso-di-n-propylamine
Concen: 43.01 ng
RT: 8.27 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

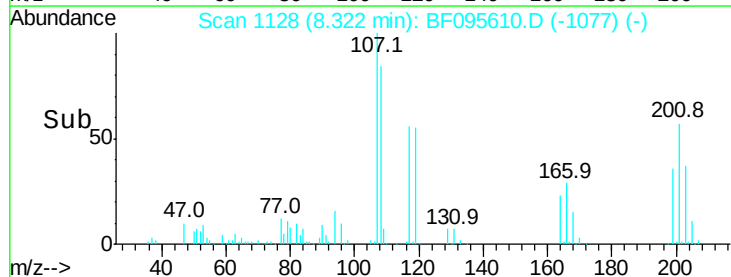
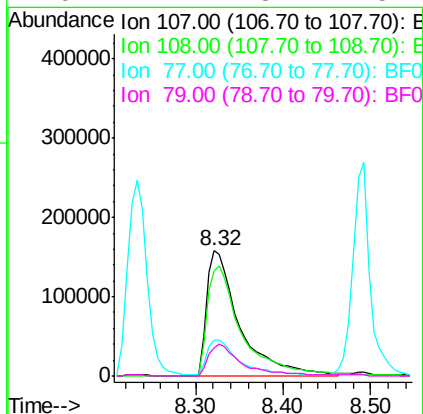
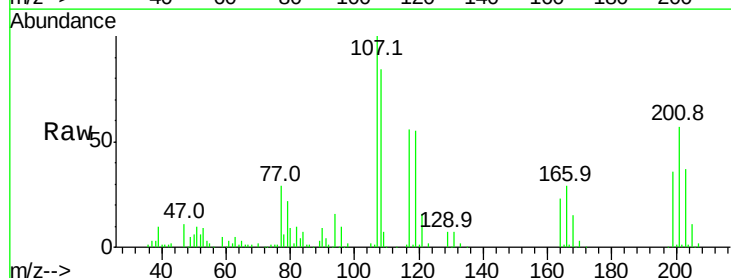
Instrument :
BNA_F
ClientSampleId :

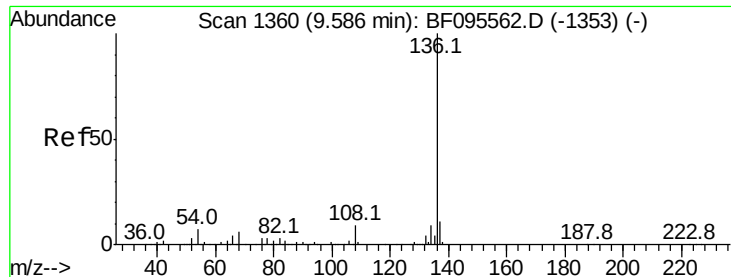
Tot Ion: 70 Resp: 270147
Ion Ratio Lower Upper
70 100
42 51.6 47.2 70.8
101 10.1 7.2 10.8
130 21.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.91 ng
RT: 8.32 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:107 Resp: 410649
Ion Ratio Lower Upper
107 100
108 84.3 71.0 111.0
77 28.8 90.5 130.5#
79 22.4 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: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 552841

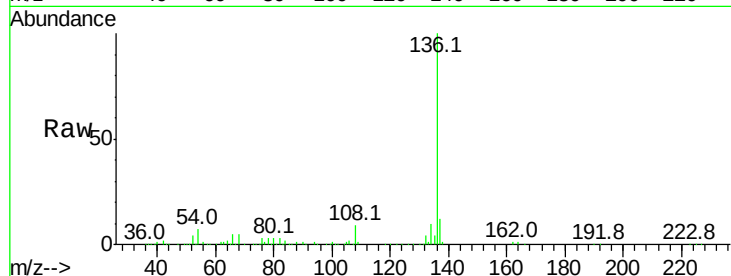
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

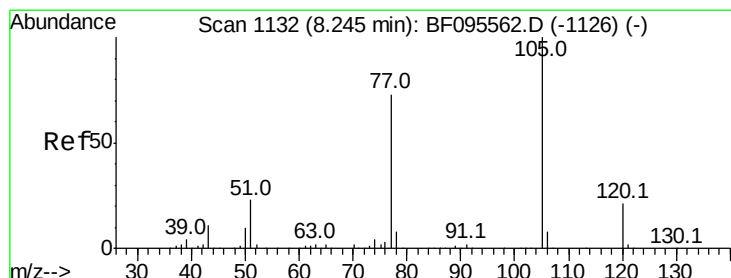
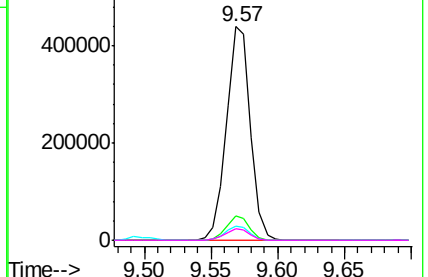
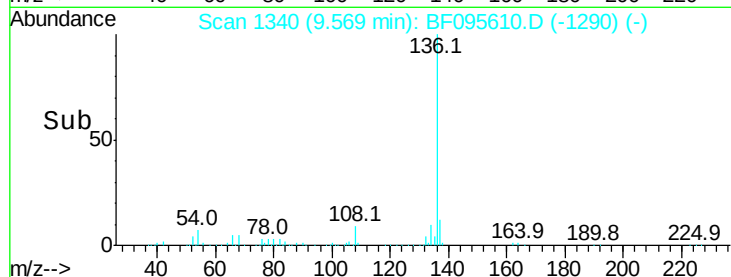


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.87 ng

RT: 8.23 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Tgt Ion:105 Resp: 528892

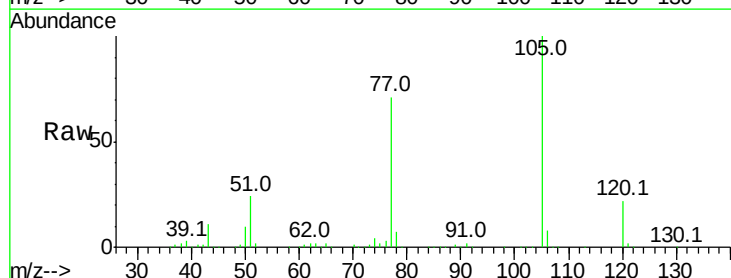
Ion Ratio Lower Upper

105 100

71 0.2 2.8 4.2#

51 23.8 30.7 46.1#

120 22.1 17.4 26.0

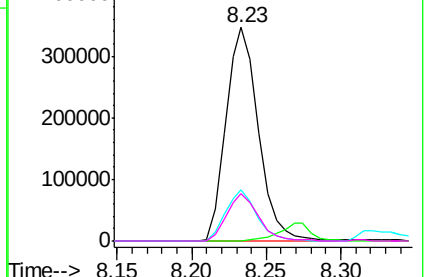
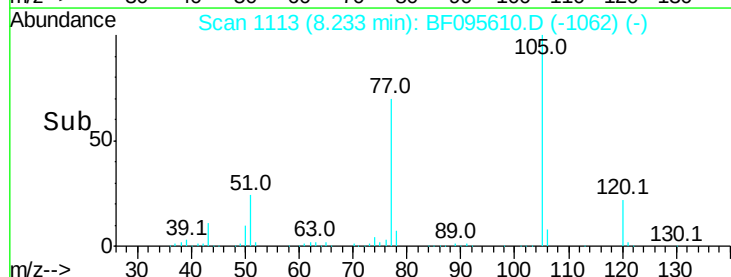


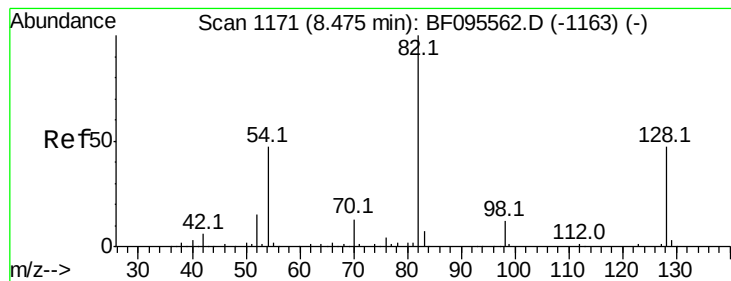
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.29 ng

RT: 8.46 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampled :

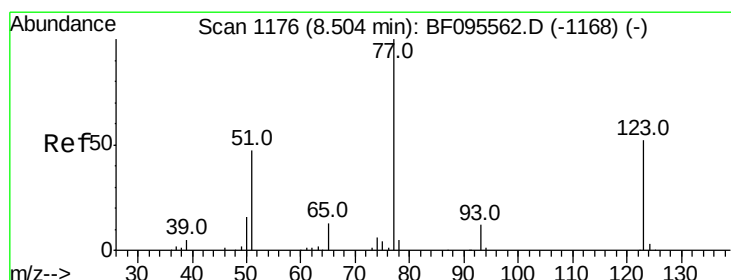
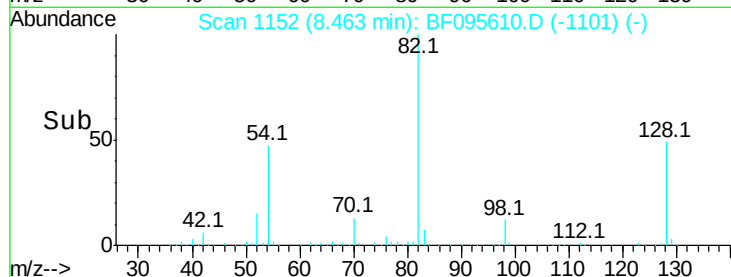
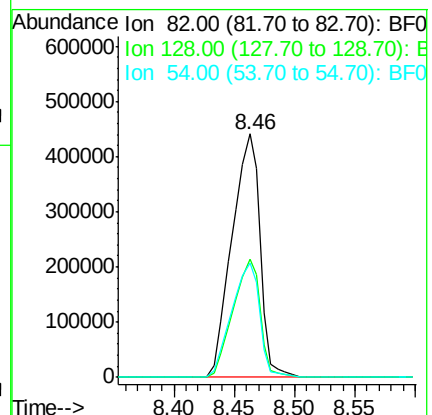
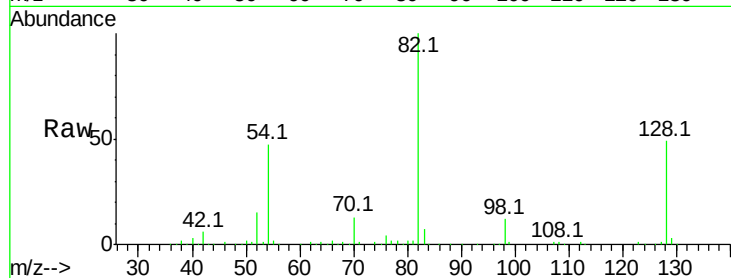
Tot Ion: 82 Resp: 712664

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

54 46.9 42.2 63.2



#24

Nitrobenzene

Concen: 40.59 ng

RT: 8.49 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

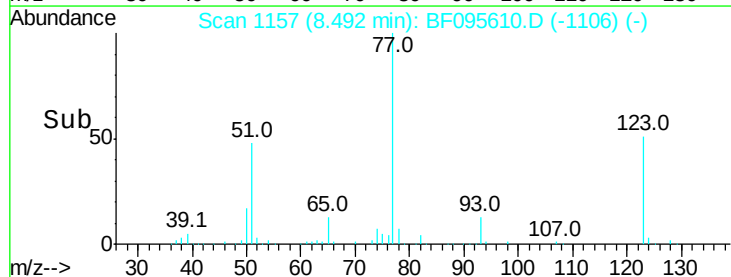
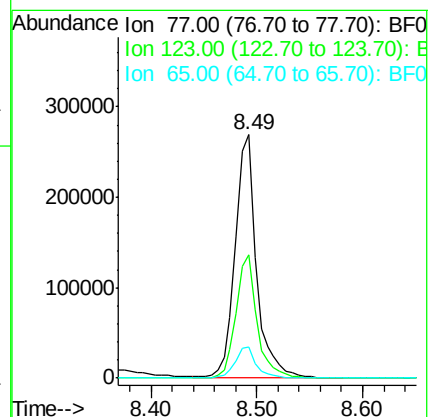
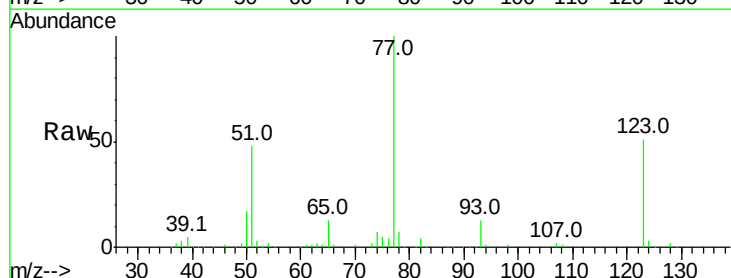
Tgt Ion: 77 Resp: 372967

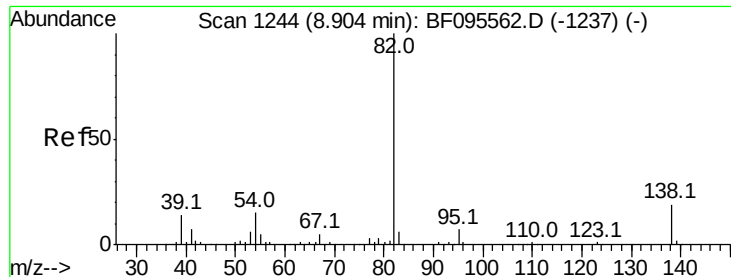
Ion Ratio Lower Upper

77 100

123 50.9 35.8 53.8

65 12.6 10.6 15.8

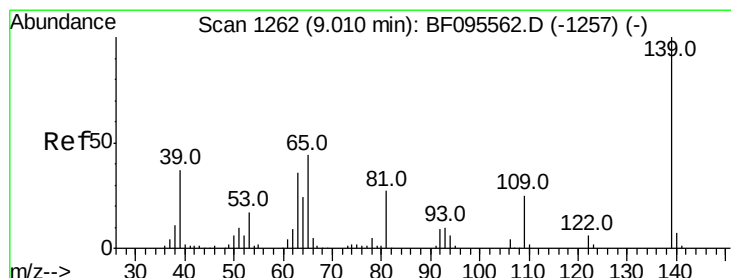
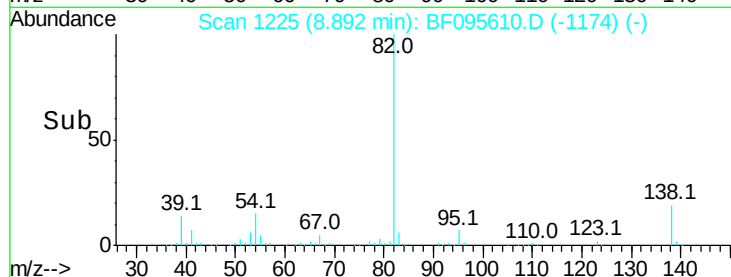
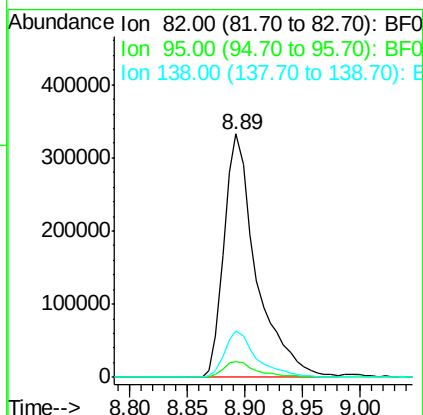
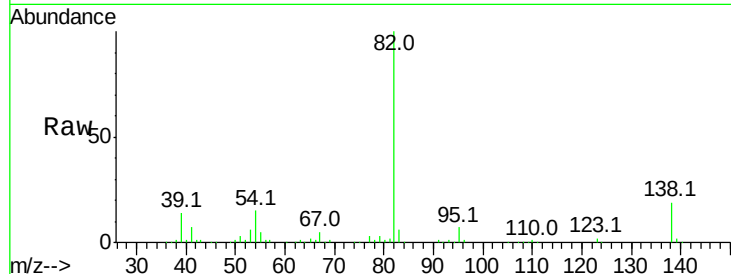




#25
Isophorone
Concen: 41.33 ng
RT: 8.89 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

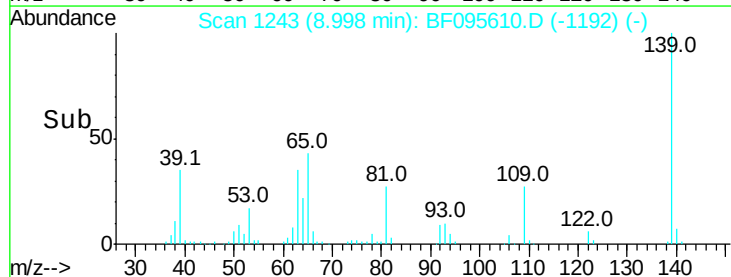
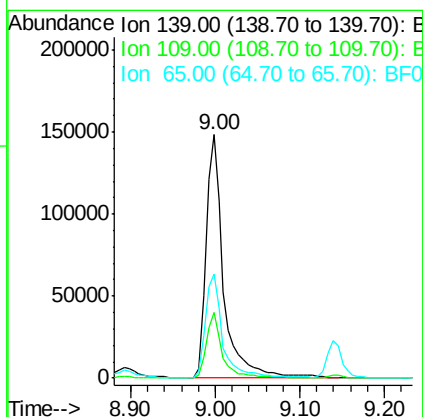
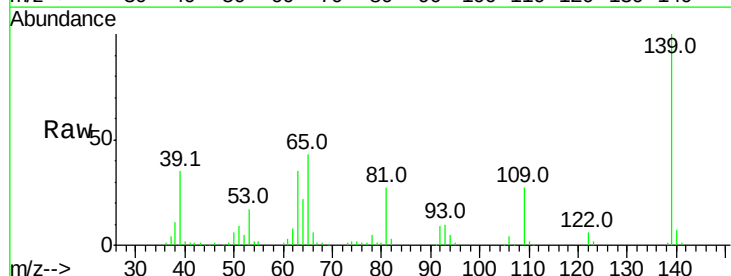
Instrument :
BNA_F
ClientSampleId :

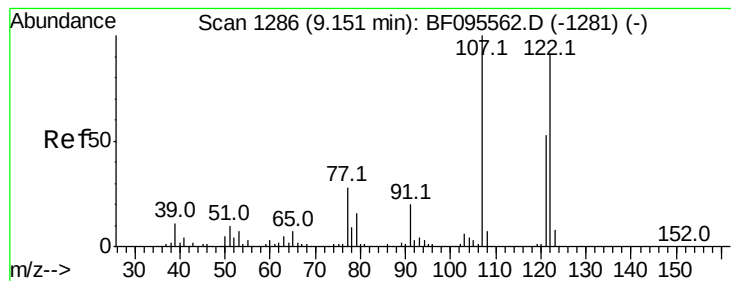
Tot Ion: 82 Resp: 647018
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.1 13.1 19.7



#26
2-Nitrophenol
Concen: 43.35 ng
RT: 9.00 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion: 139 Resp: 214966
Ion Ratio Lower Upper
139 100
109 26.8 21.0 31.6
65 42.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.67 ng

RT: 9.14 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

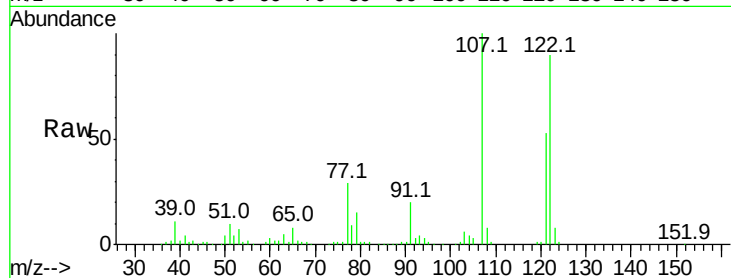
Tot Ion:122 Resp: 326013

Ion Ratio Lower Upper

122 100

107 110.8 89.2 133.8

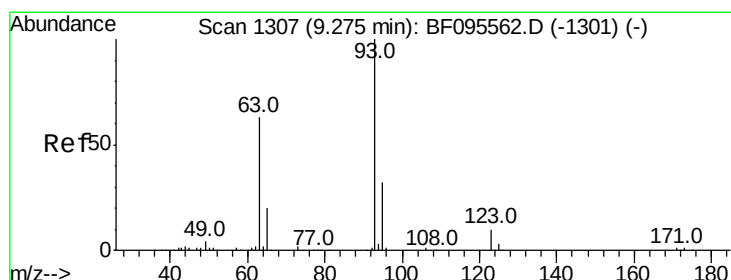
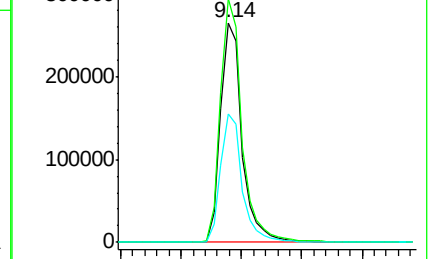
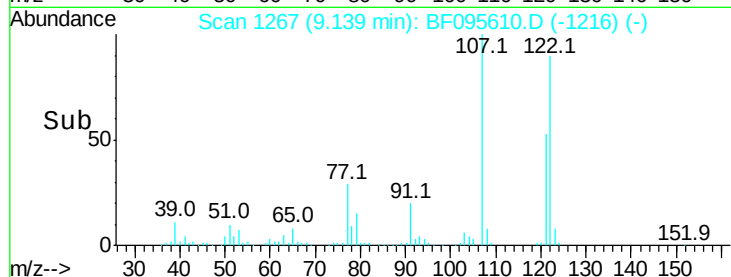
121 58.3 45.2 67.8



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: 40.67 ng

RT: 9.26 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

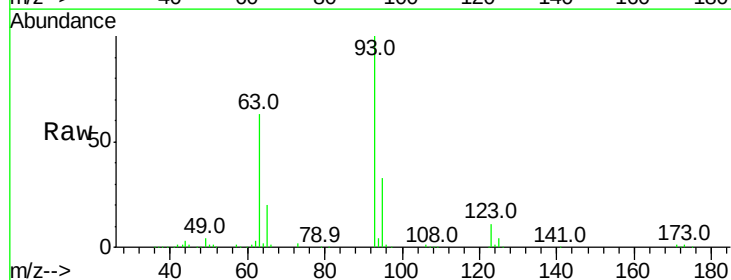
Tgt Ion: 93 Resp: 440434

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

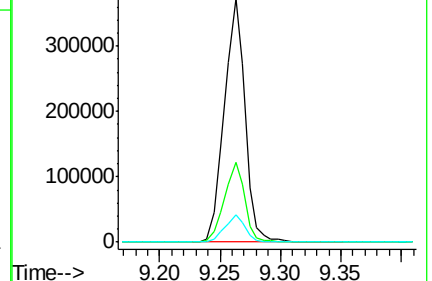
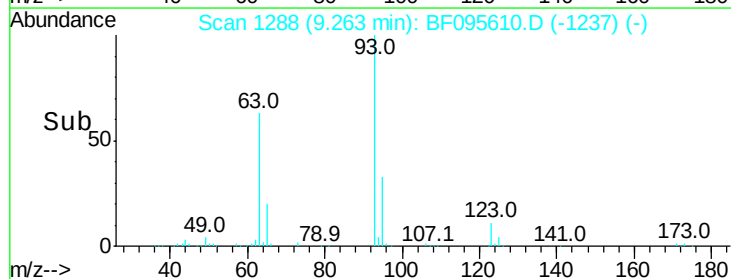
123 11.1 9.0 13.4

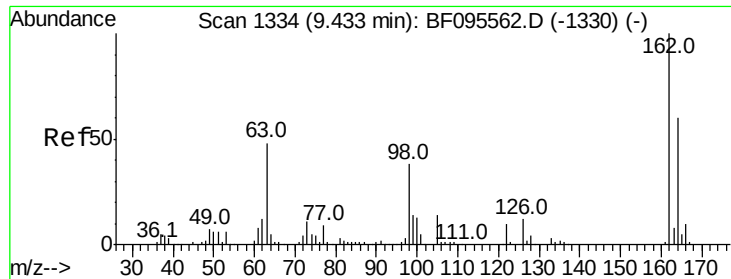


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

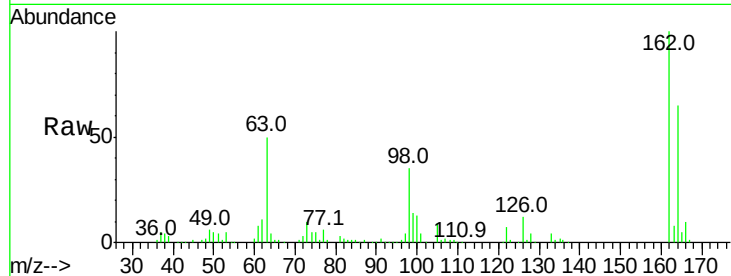




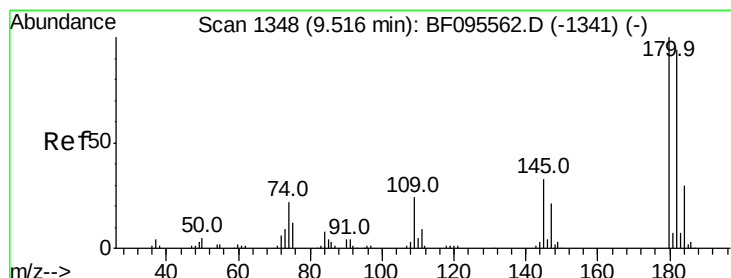
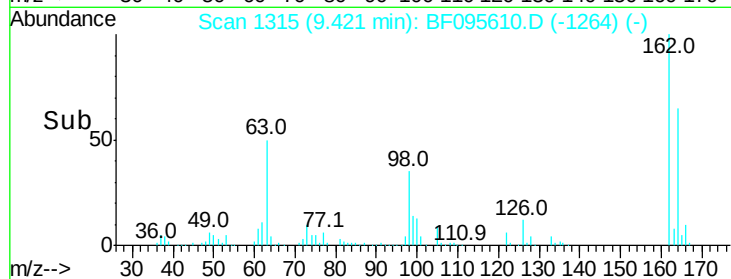
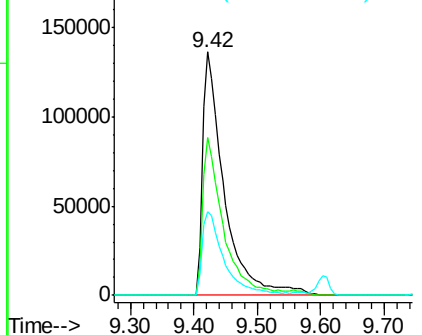
#29
 2,4-Dichlorophenol
 Concen: 42.13 ng
 RT: 9.42 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 318897
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.6 84.6
 98 34.5 14.8 54.8

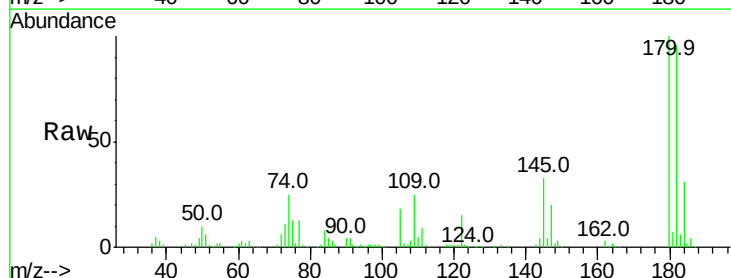


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

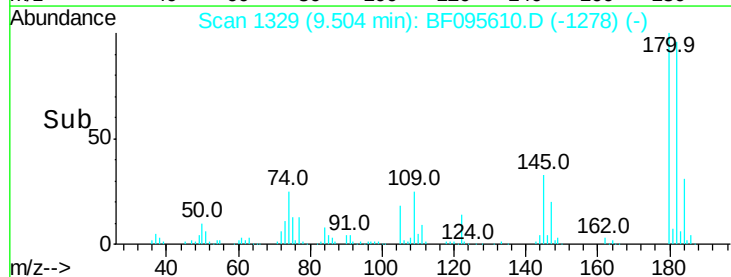
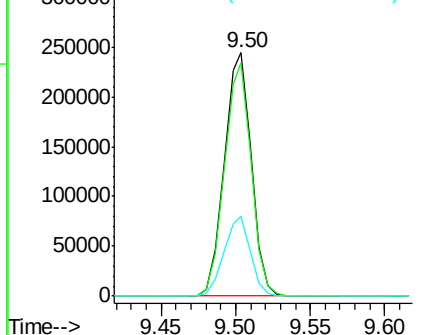


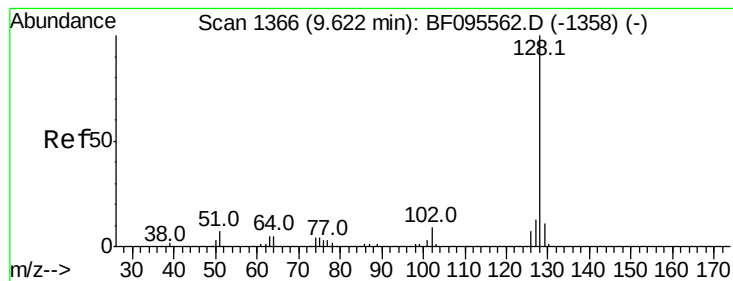
#30
 1,2,4-Trichlorobenzene
 Concen: 38.22 ng
 RT: 9.50 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Tgt Ion:180 Resp: 309956
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.8 113.6
 145 32.9 25.3 37.9



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





#31

Naphthalene

Concen: 39.41 ng

RT: 9.60 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

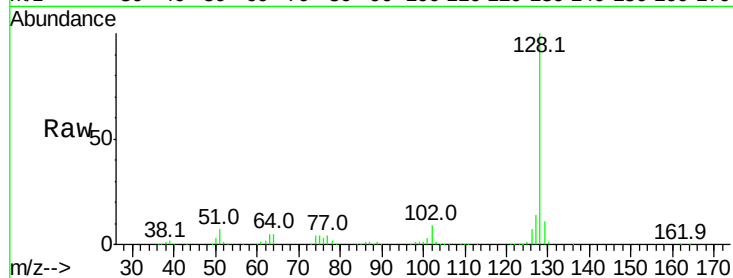
Tot Ion:128 Resp: 1095018

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

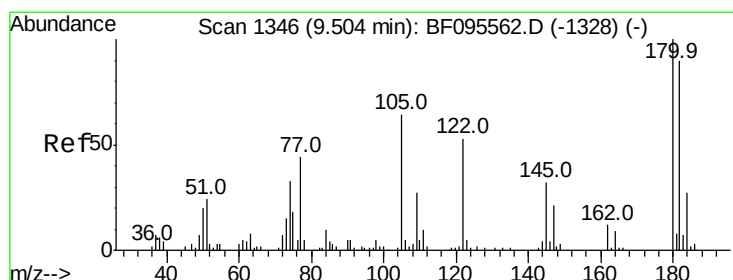
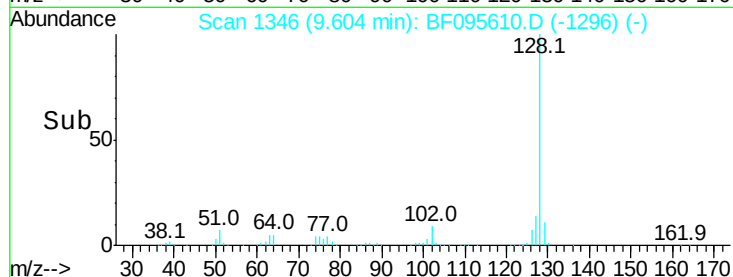
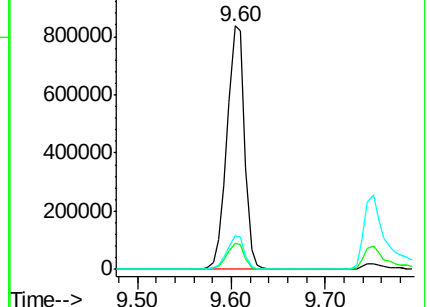
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.46 ng

RT: 9.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

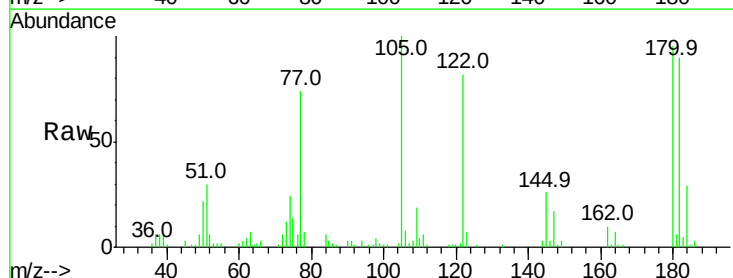
Tgt Ion:122 Resp: 184731

Ion Ratio Lower Upper

122 100

105 122.3 103.3 143.3

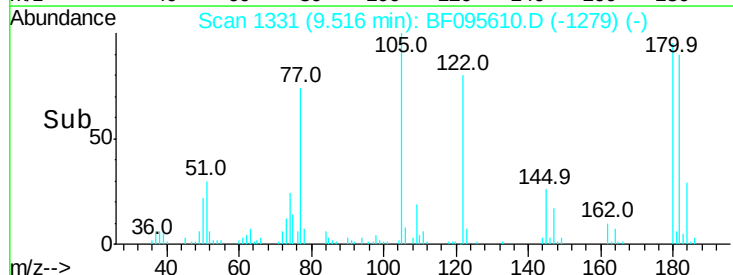
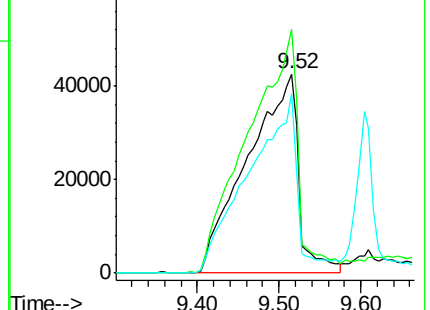
77 90.1 73.7 113.7

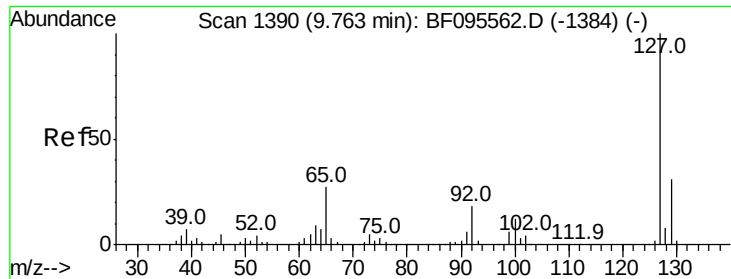


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

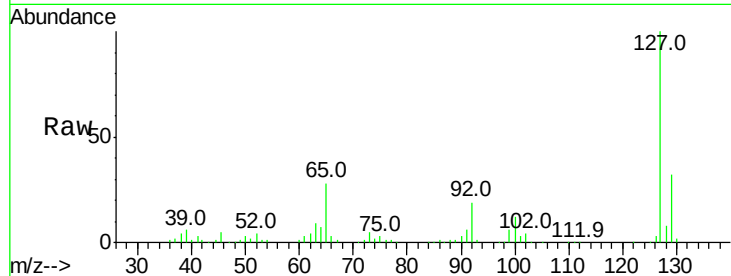




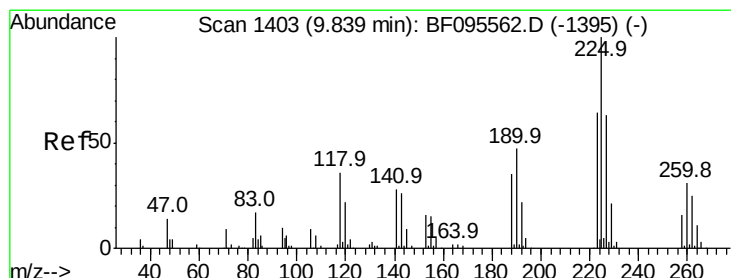
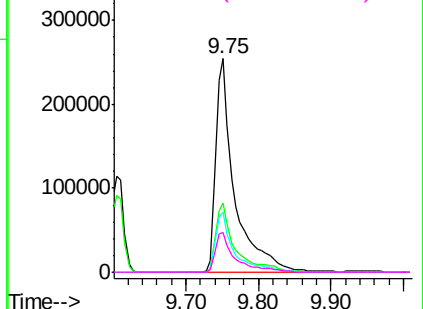
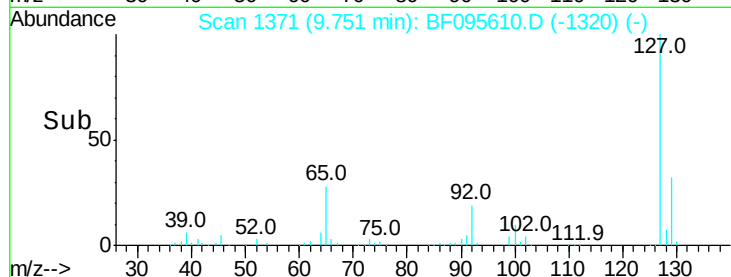
#33
4-Chloroaniline
Concen: 44.41 ng
RT: 9.75 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	459869
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	28.0	27.8	41.8
92	18.8	16.8	25.2

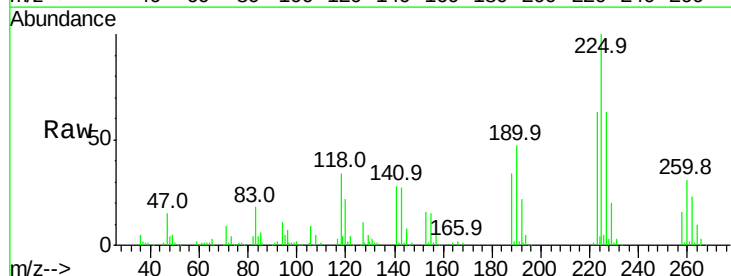


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

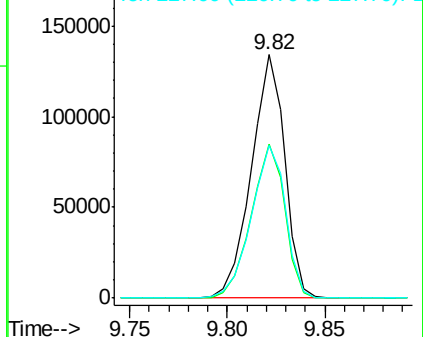
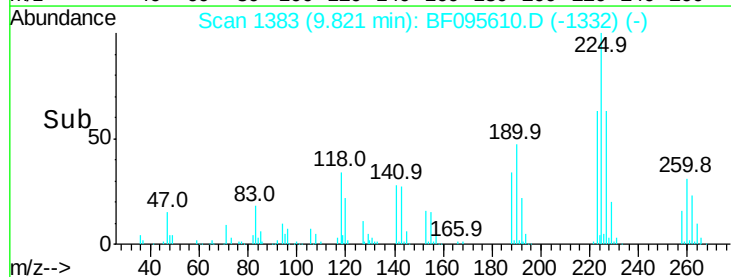


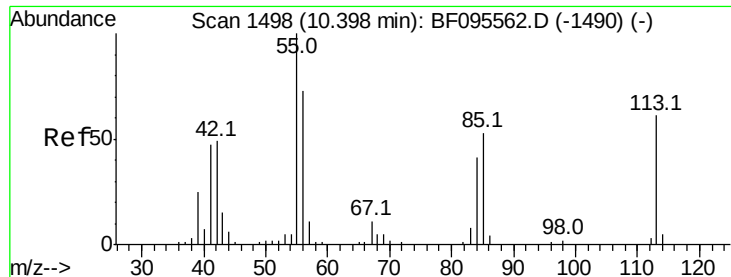
#34
Hexachlorobutadiene
Concen: 37.23 ng
RT: 9.82 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:	225	Resp:	159303
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	62.7	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: 38.01 ng

RT: 10.40 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampled :

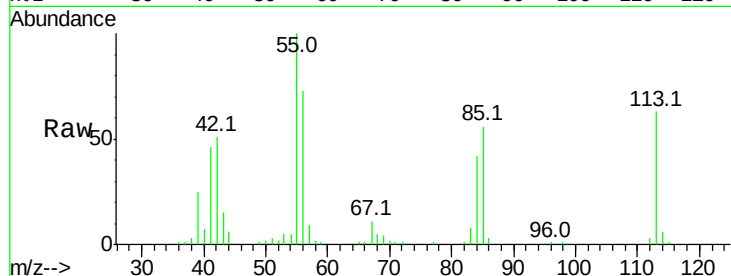
Tot Ion:113 Resp: 86393

Ion Ratio Lower Upper

113 100

55 159.9 150.2 190.2

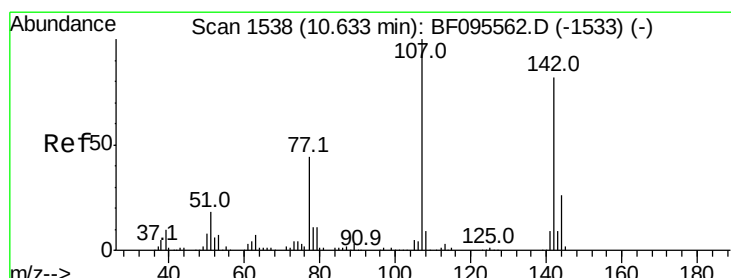
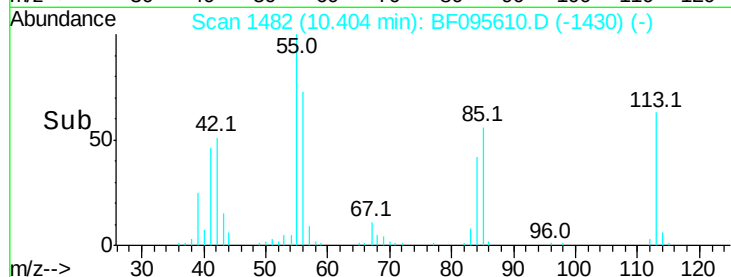
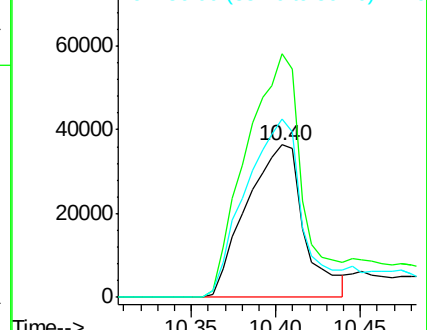
56 117.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.79 ng

RT: 10.62 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

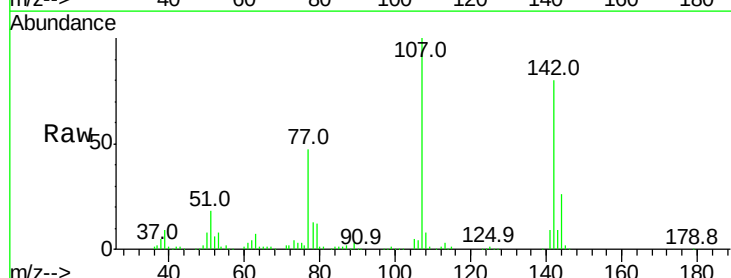
Tgt Ion:107 Resp: 370558

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

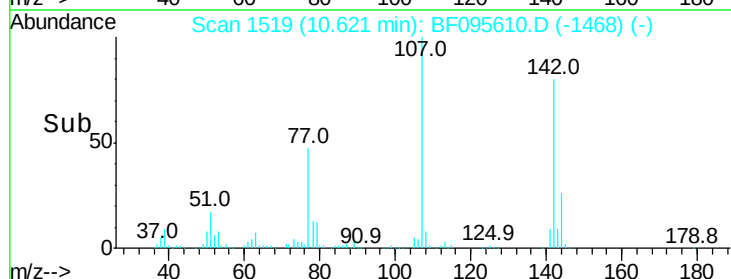
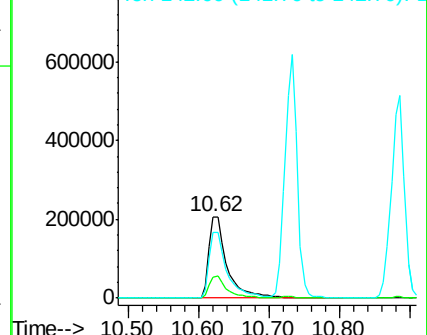
142 80.3 73.4 110.0

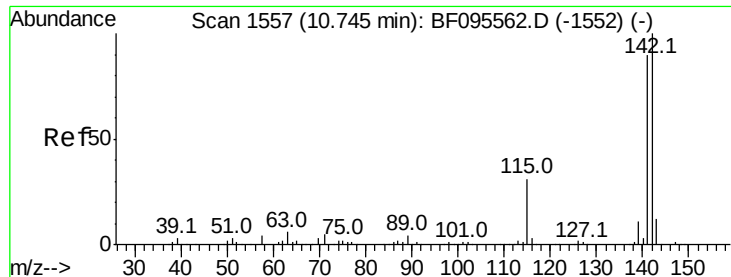


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

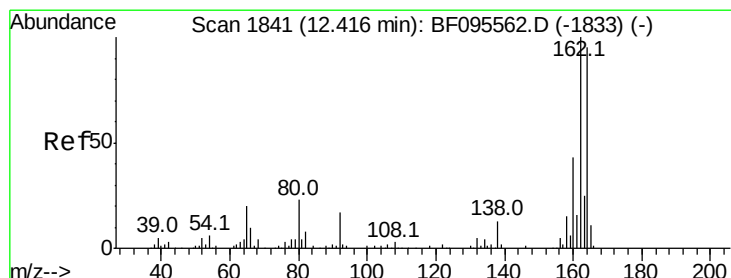
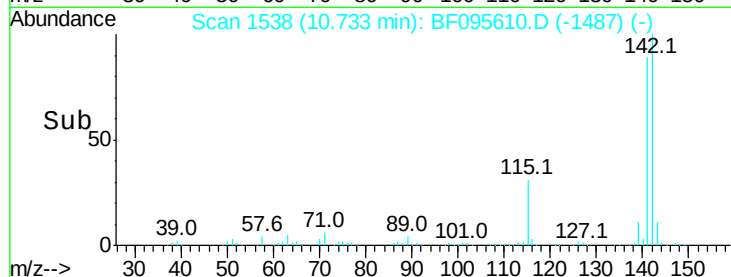
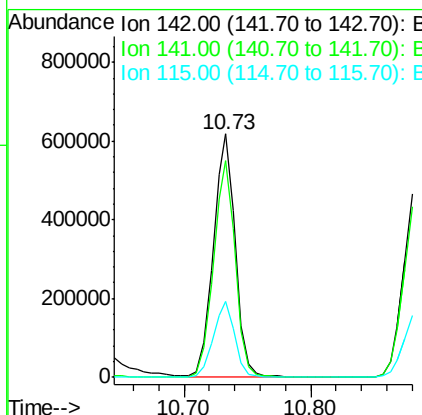
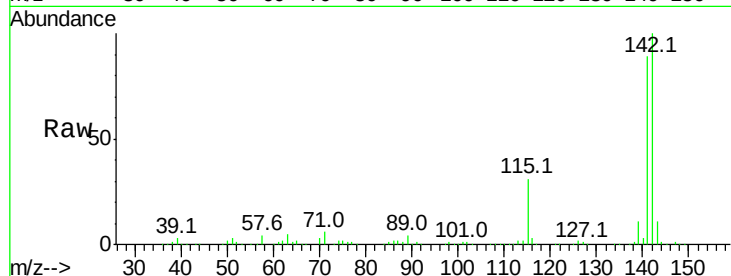




#37
2-Methylnaphthalene
Concen: 41.00 ng
RT: 10.73 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

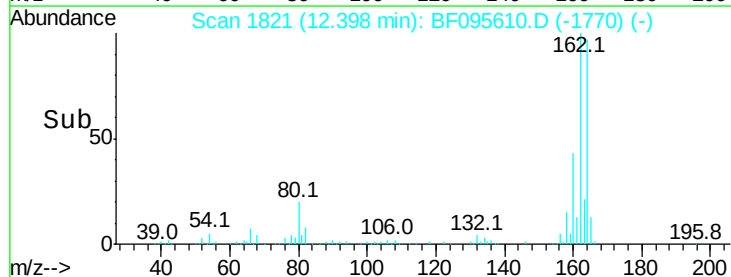
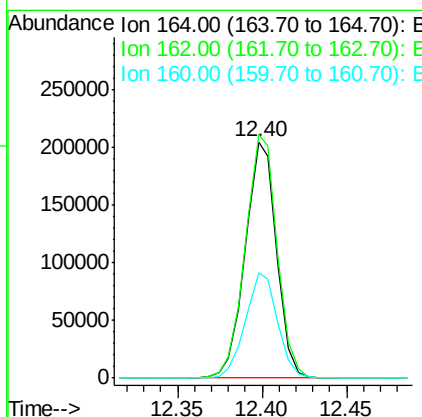
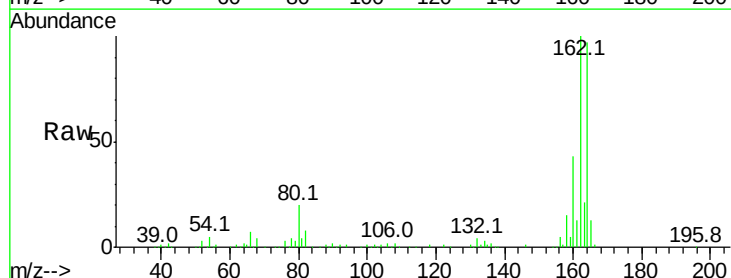
Instrument :
BNA_F
ClientSampleId :

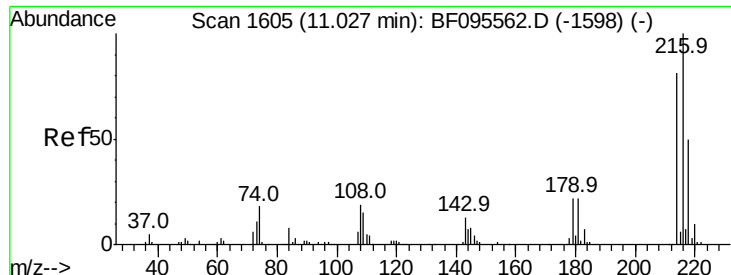
Tot Ion:142 Resp: 747755
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 31.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:164 Resp: 263028
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 44.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.77 ng

RT: 11.01 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 313576

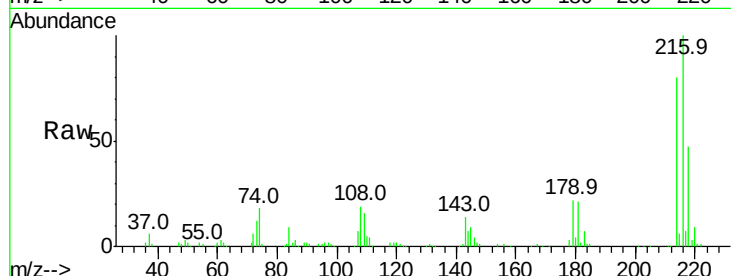
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.7 17.9 26.9

108 19.2 16.5 24.7

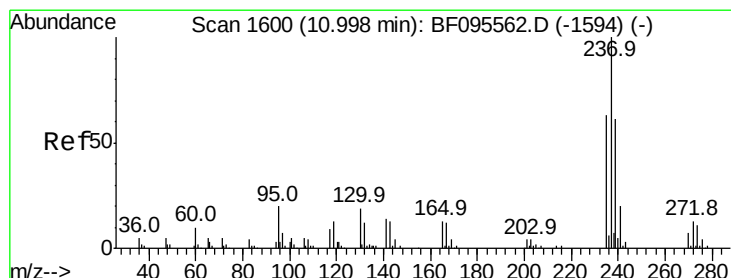
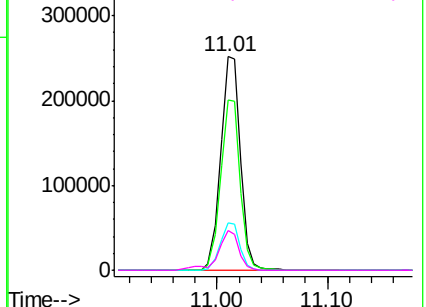
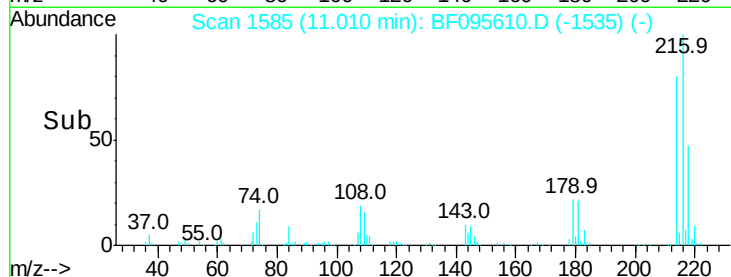


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.79 ng

RT: 10.99 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

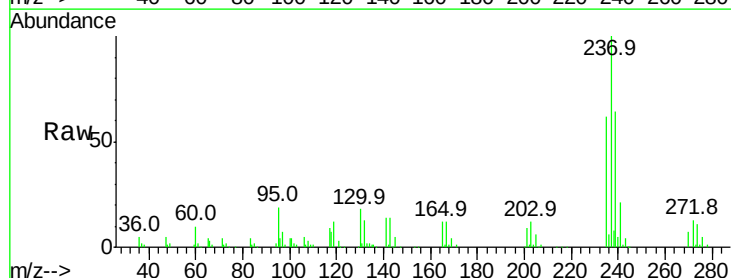
Tgt Ion:237 Resp: 138810

Ion Ratio Lower Upper

237 100

235 62.3 42.6 82.6

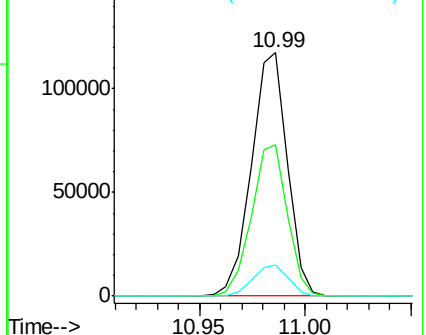
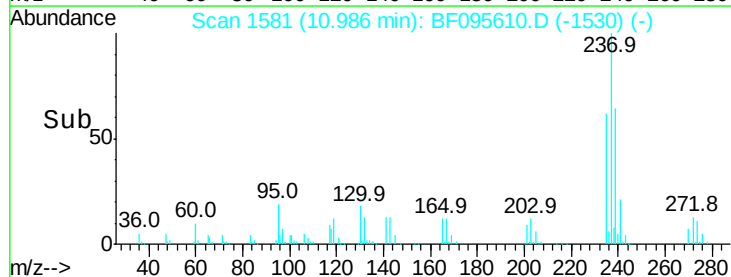
272 12.7 0.0 31.9

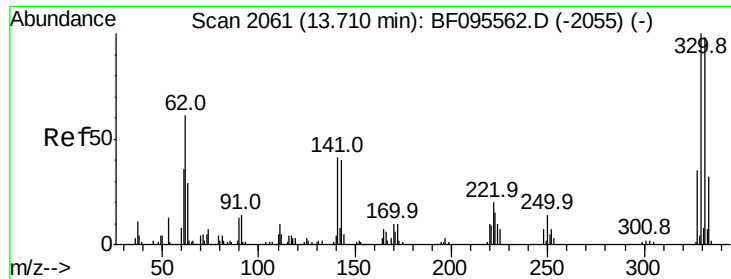


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

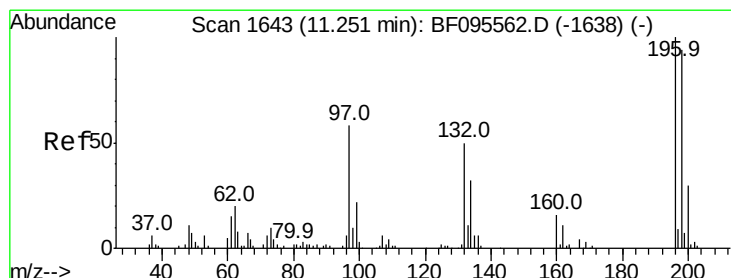
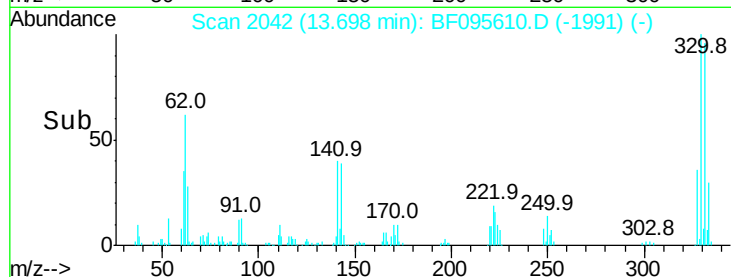
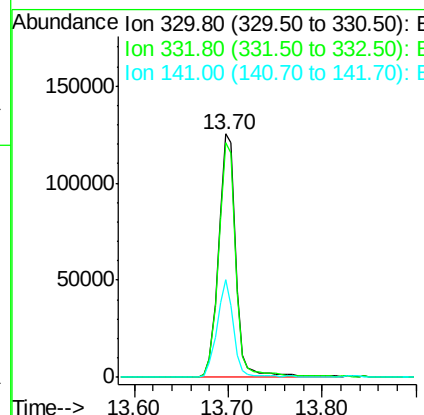
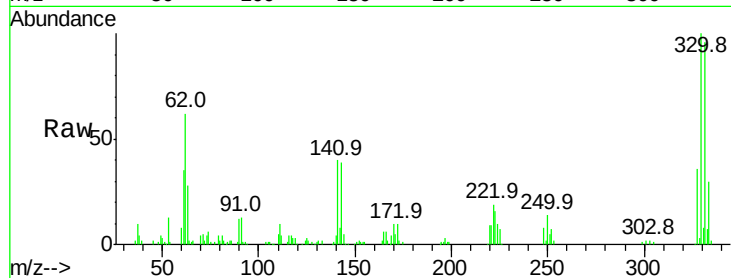




#41
 2,4,6-Tribromophenol
 Concen: 75.81 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

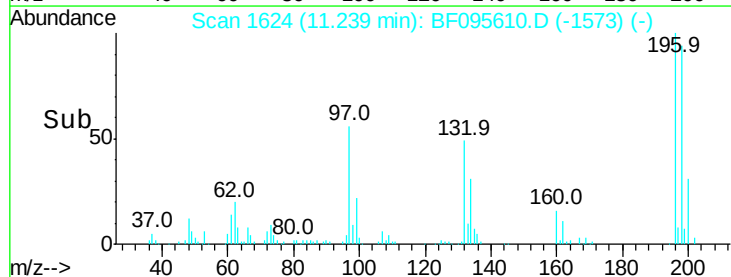
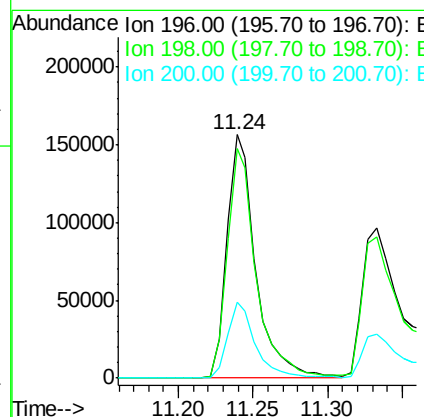
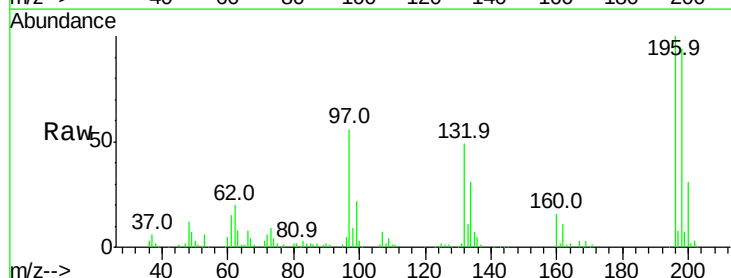
Instrument :
 BNA_F
 ClientSampleId :

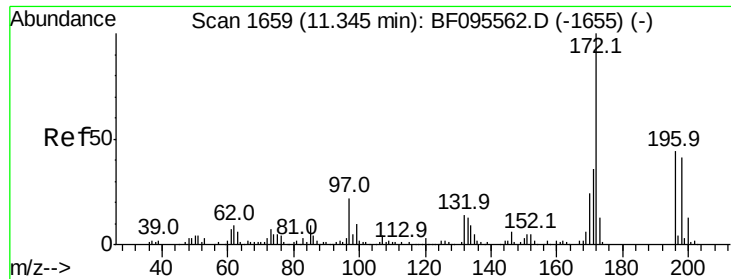
Tot Ion:330 Resp: 163298
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.3 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.43 ng
 RT: 11.24 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Tgt Ion:196 Resp: 212945
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.4
 200 31.3 24.0 36.0

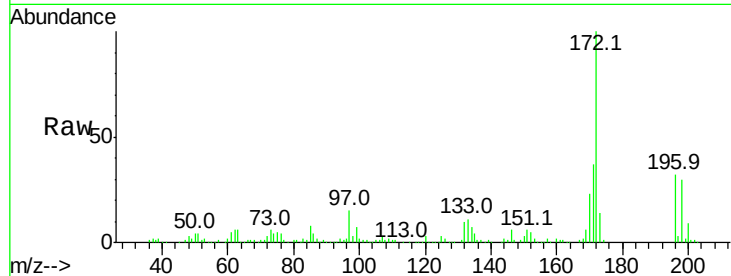




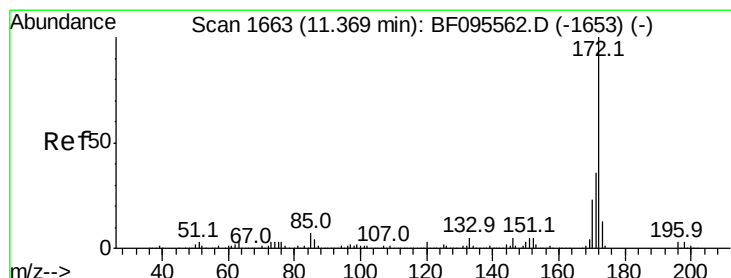
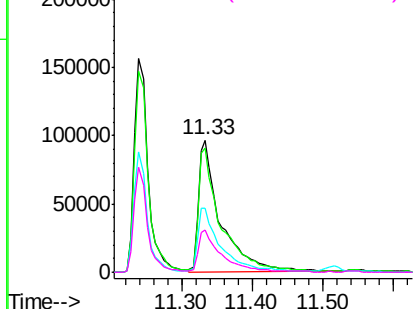
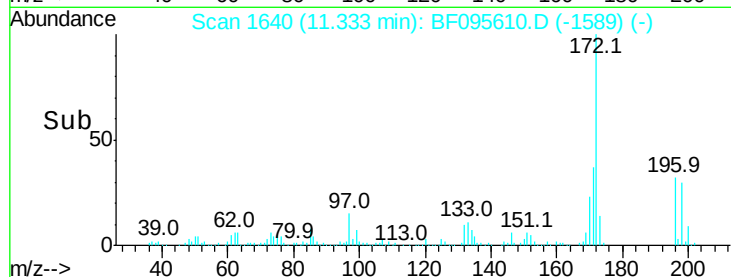
#43
2,4,5-Trichlorophenol
Concen: 36.47 ng
RT: 11.33 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 211718
Ion Ratio Lower Upper
196 100
198 93.7 75.7 113.5
97 48.0 47.7 71.5
132 32.3 28.0 42.0

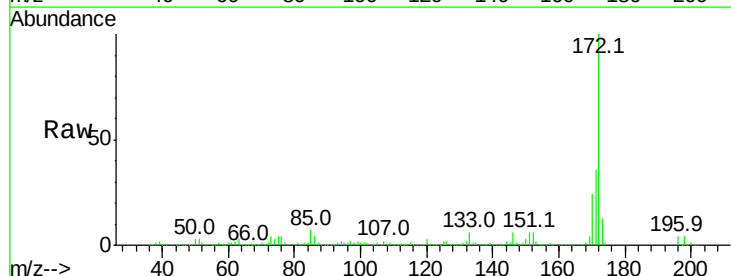


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

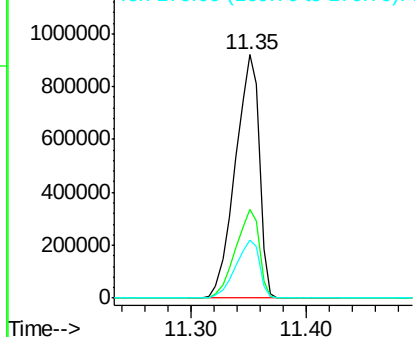
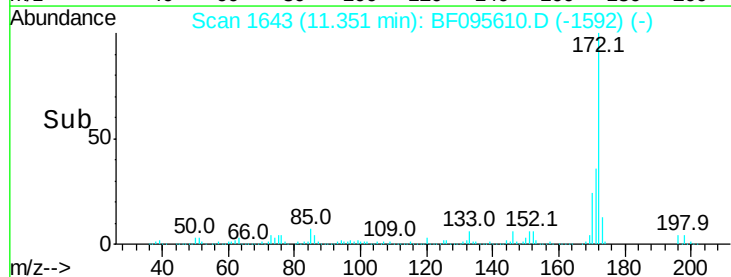


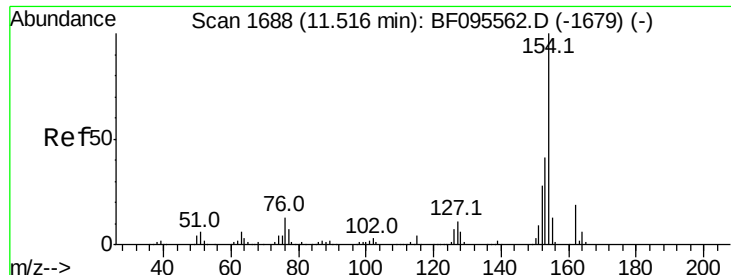
#44
2-Fluorobiphenyl
Concen: 72.17 ng
RT: 11.35 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:172 Resp: 1318905
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.8 29.8



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

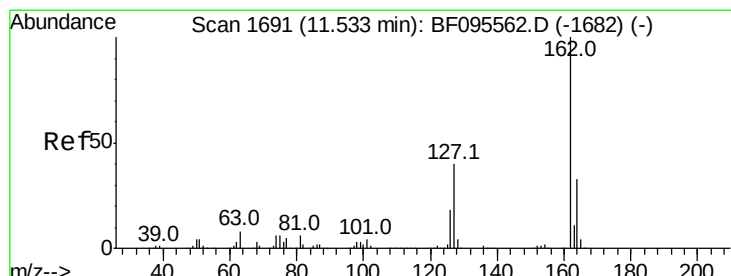
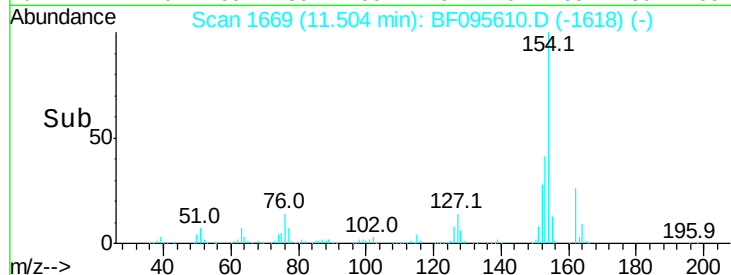
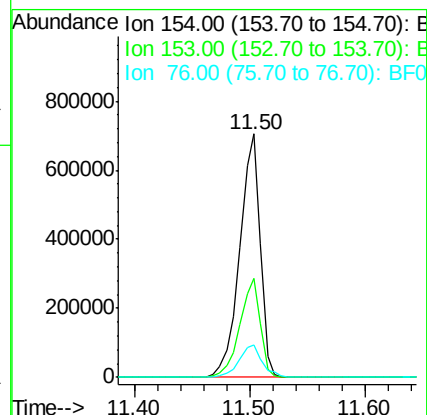
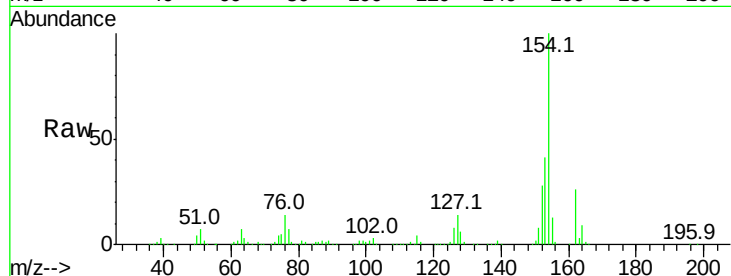




#45
 1,1'-Biphenyl
 Concen: 39.07 ng
 RT: 11.50 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

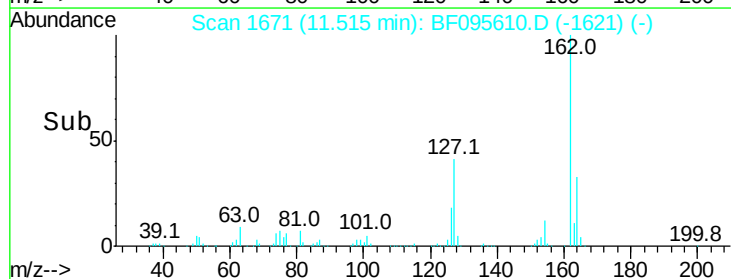
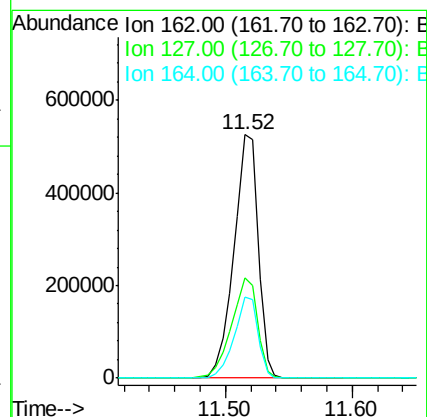
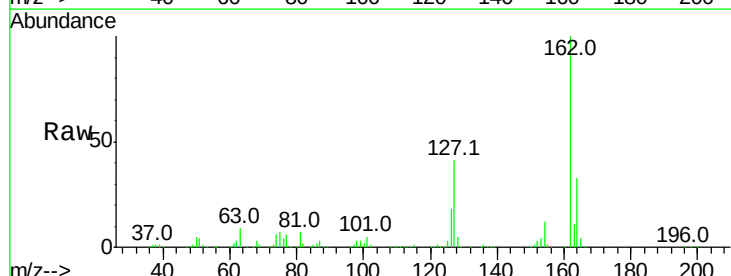
Instrument :
 BNA_F
 ClientSampled :

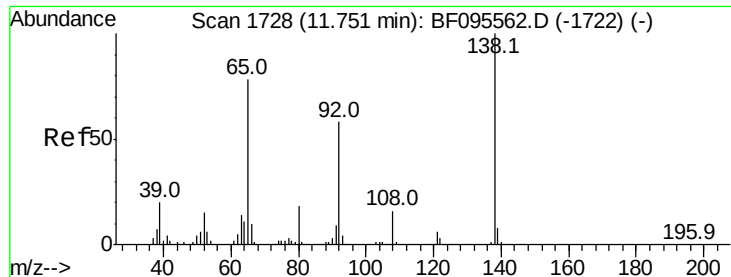
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.5	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 38.71 ng
 RT: 11.52 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	28.3	42.5
164	33.2	27.0	40.4

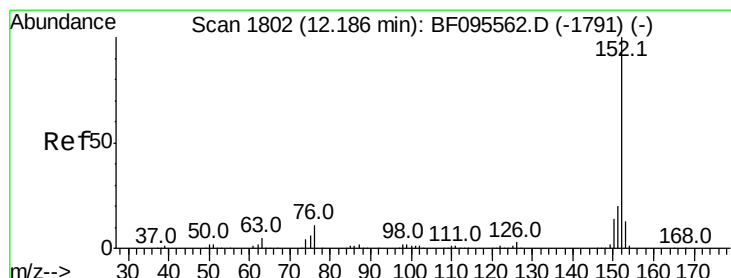
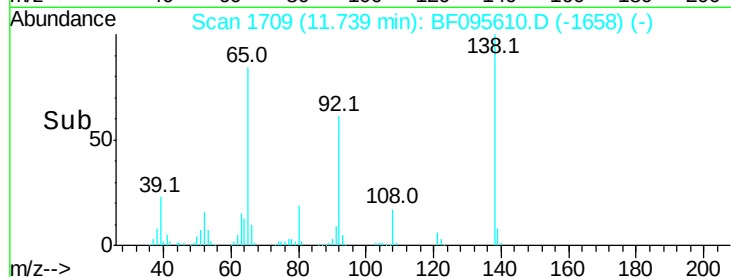
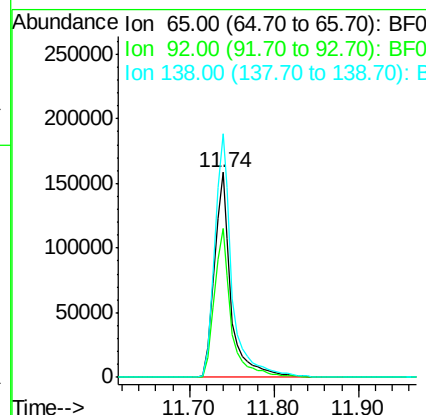
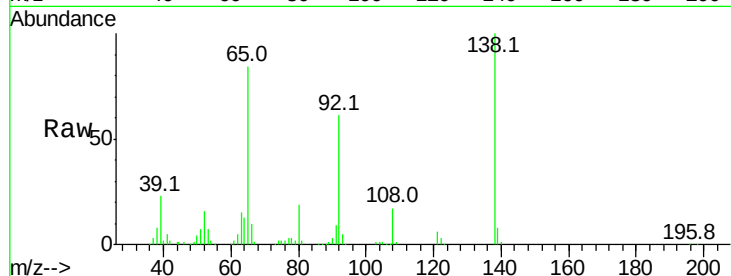




#47
2-Nitroaniline
Concen: 45.21 ng
RT: 11.74 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

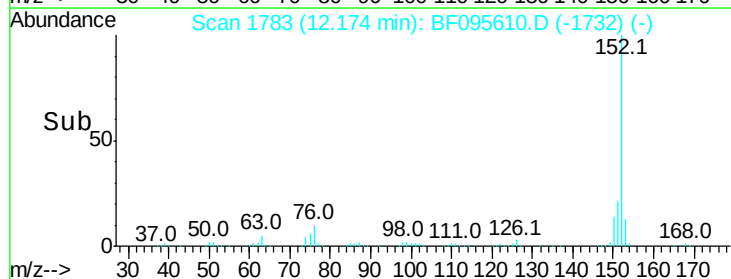
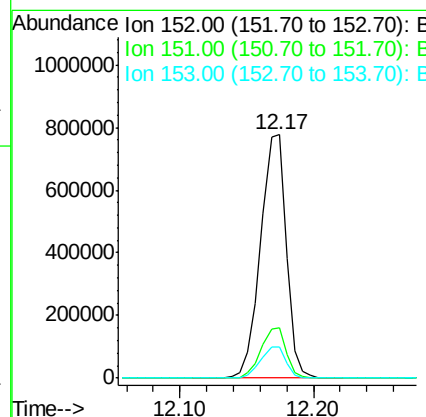
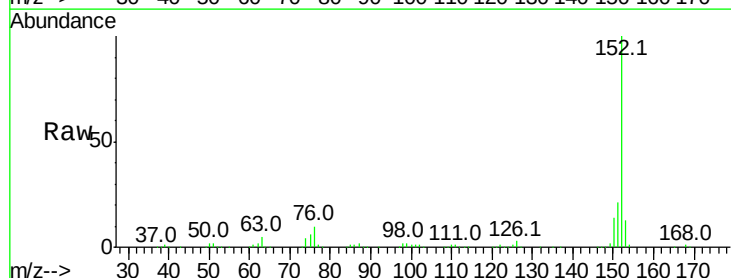
Instrument :
BNA_F
ClientSampleId :

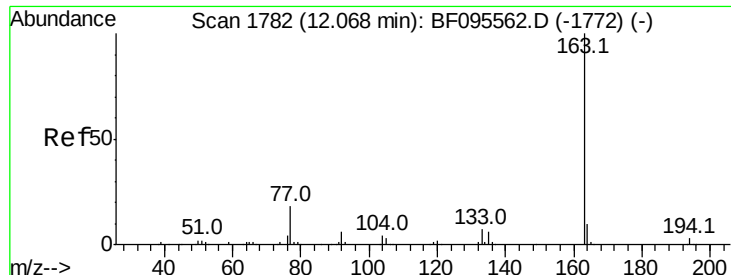
Tot Ion: 65 Resp: 221274
Ion Ratio Lower Upper
65 100
92 72.5 53.9 80.9
138 118.7 78.8 118.2#



#48
Acenaphthylene
Concen: 36.98 ng
RT: 12.17 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:152 Resp: 1035666
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 36.72 ng

RT: 12.06 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

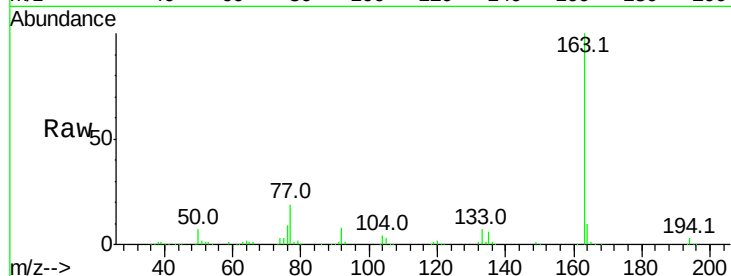
Tot Ion:163 Resp: 792932

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

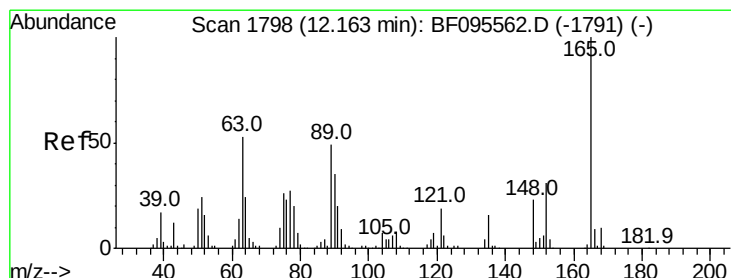
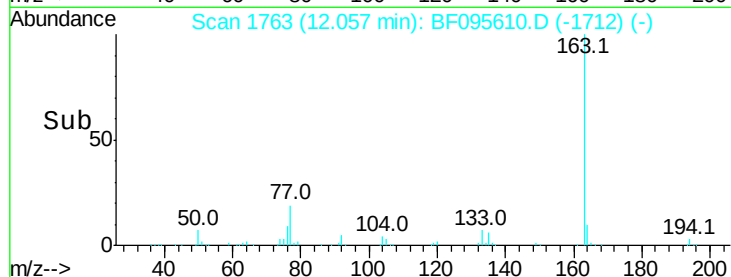
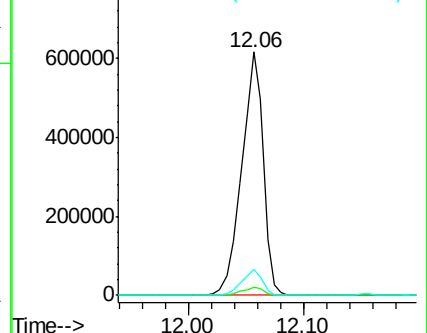
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.16 ng

RT: 12.16 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

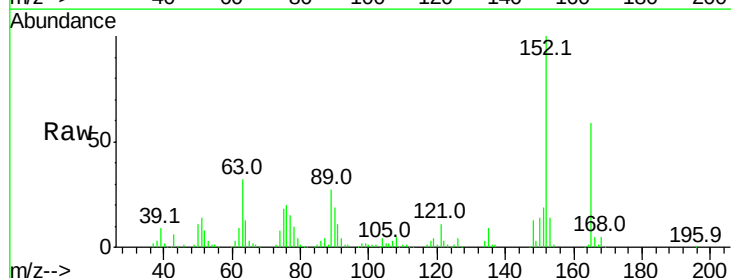
Tgt Ion:165 Resp: 168120

Ion Ratio Lower Upper

165 100

63 55.3 34.3 51.5#

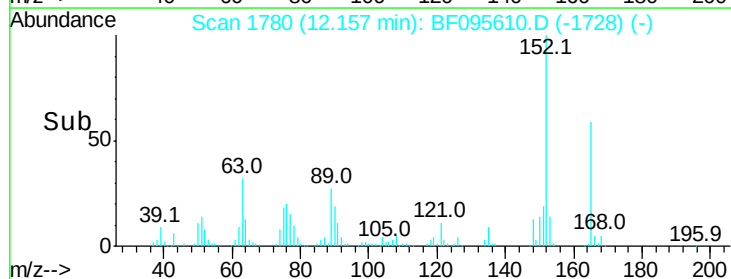
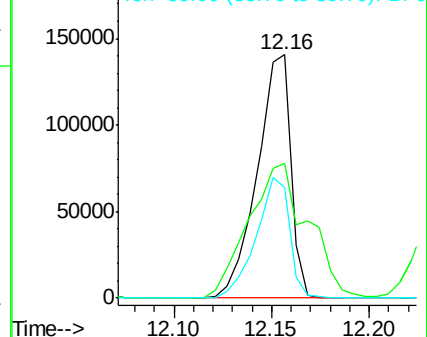
89 45.6 37.1 55.7

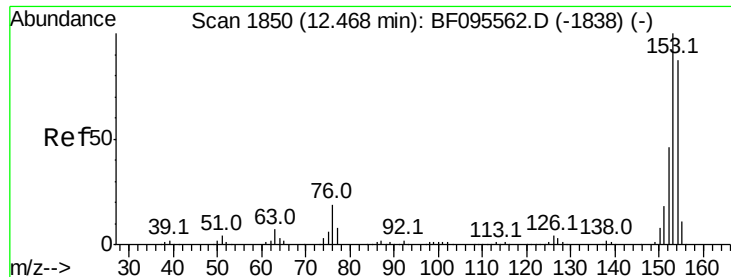


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.04 ng

RT: 12.46 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

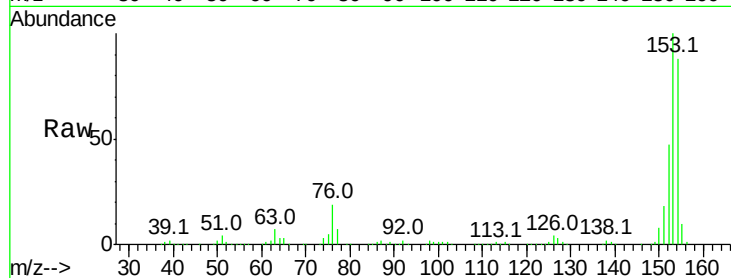
Tot Ion:154 Resp: 653086

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

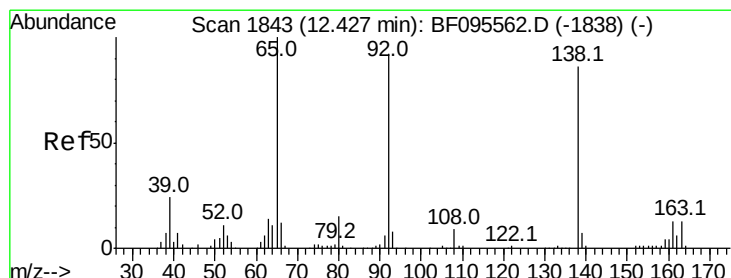
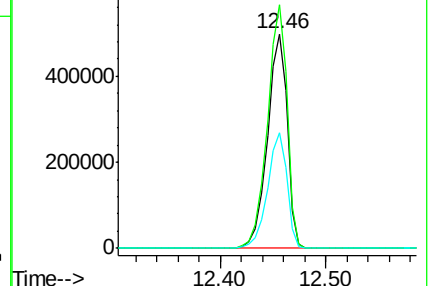
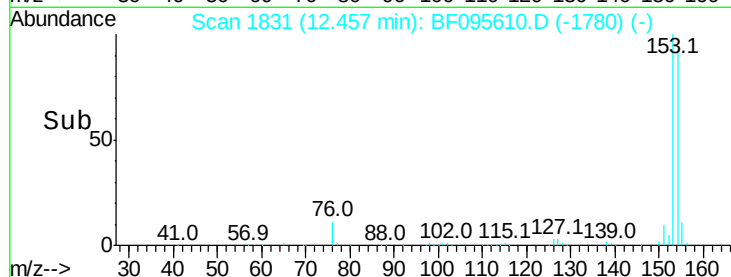
152 53.6 43.6 65.4



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: 46.62 ng

RT: 12.42 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

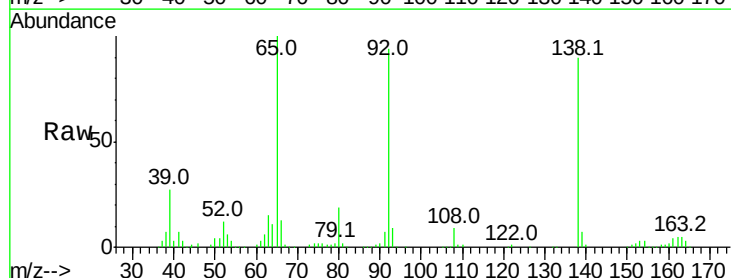
Tgt Ion:138 Resp: 220442

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

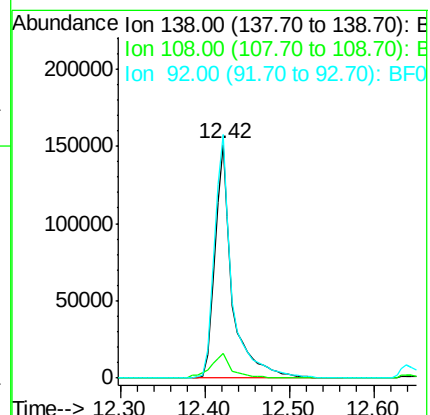
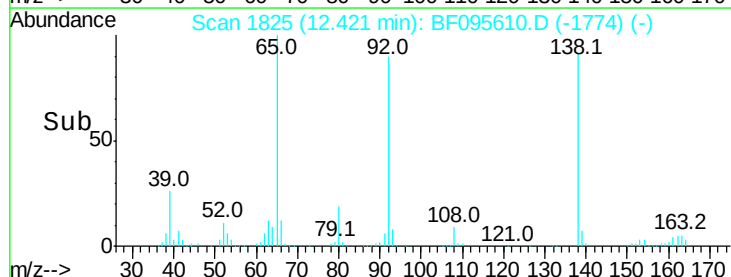
92 104.1 93.8 140.6

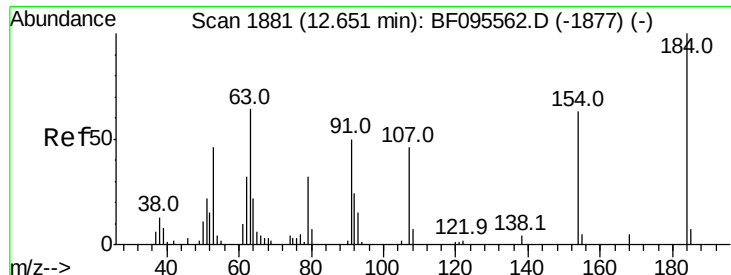


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

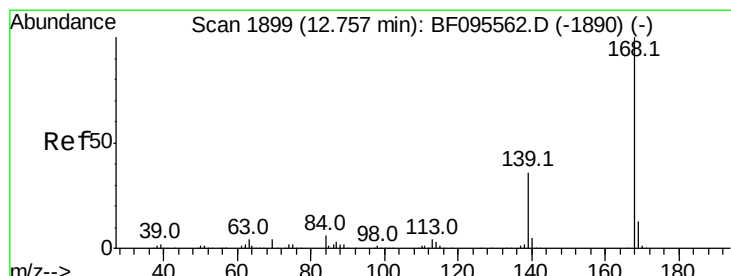
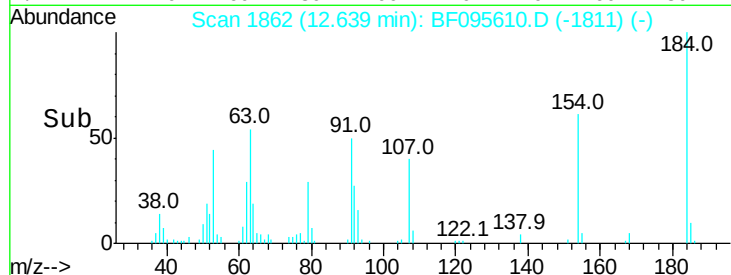
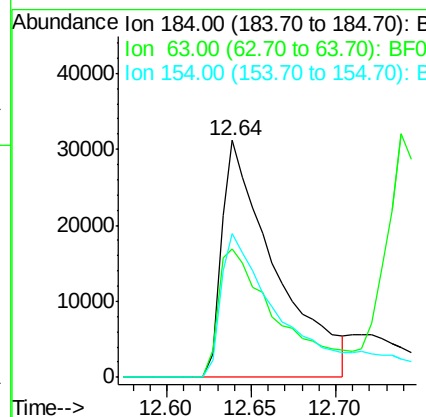
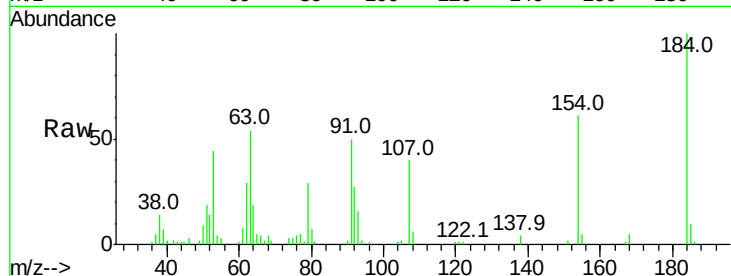




#53
 2,4-Dinitrophenol
 Concen: 32.26 ng
 RT: 12.64 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

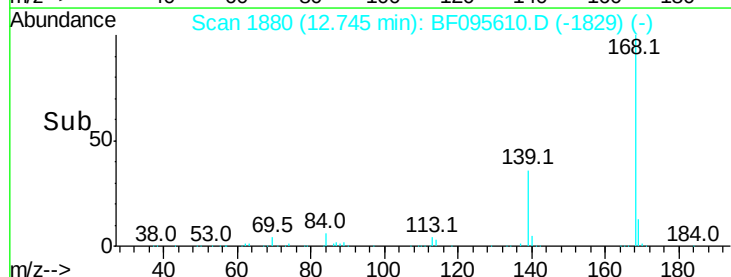
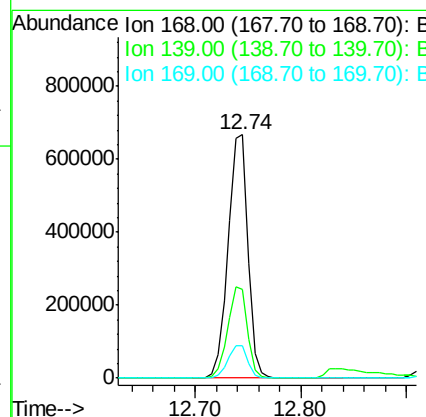
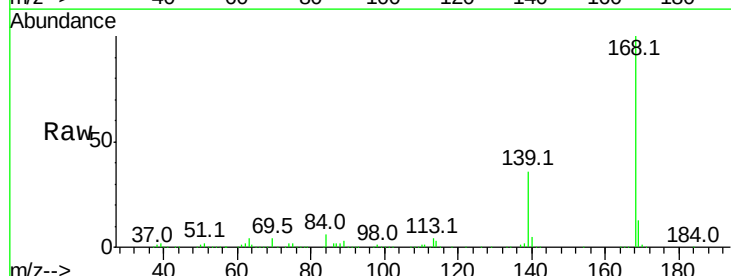
Instrument :
 BNA_F
 ClientSampled :

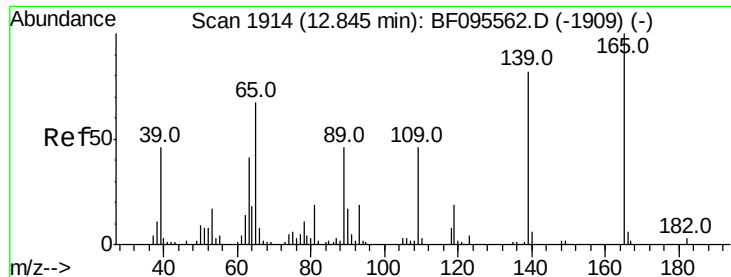
Tot Ion:184 Resp: 68457
 Ion Ratio Lower Upper
 184 100
 63 54.0 62.7 94.1#
 154 60.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 37.51 ng
 RT: 12.74 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Tgt Ion:168 Resp: 868235
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.6 45.8
 169 13.2 10.8 16.2

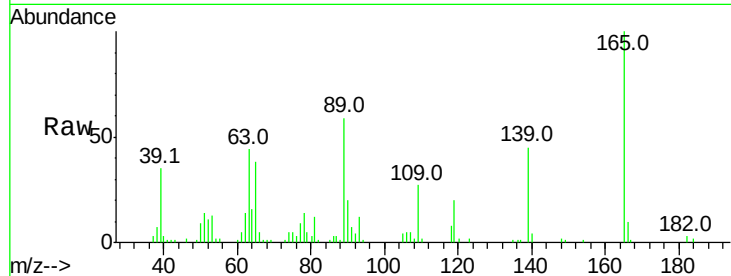




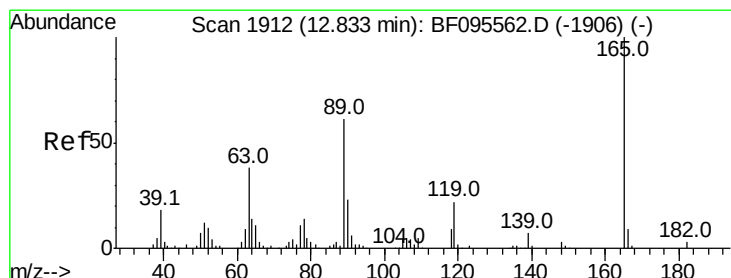
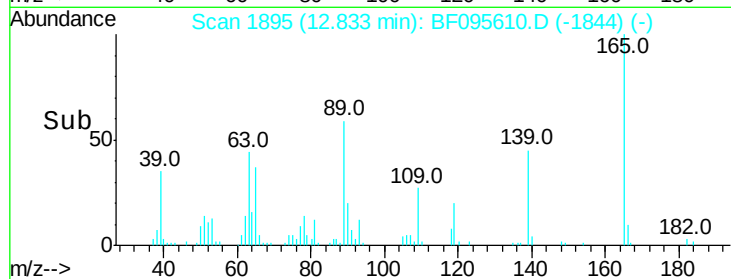
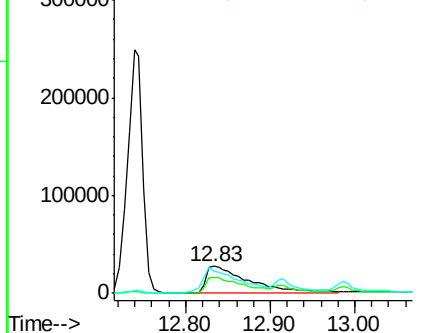
#55
4-Nitrophenol
Concen: 35.73 ng
RT: 12.83 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 101475
Ion Ratio Lower Upper
139 100
109 58.9 34.1 74.1
65 83.5 31.4 71.4#

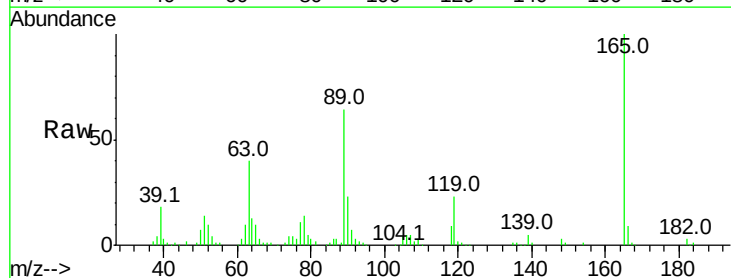


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

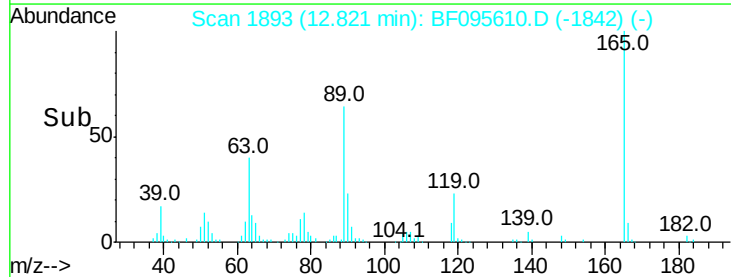
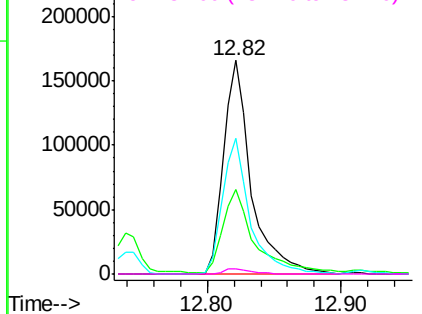


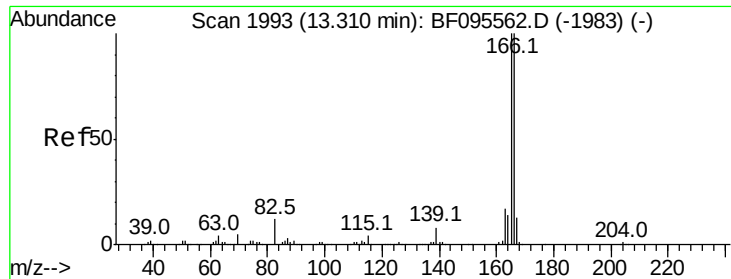
#56
2,4-Dinitrotoluene
Concen: 42.68 ng
RT: 12.82 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:165 Resp: 241607
Ion Ratio Lower Upper
165 100
63 39.8 25.4 38.0#
89 63.7 46.4 69.6
182 2.6 1.8 2.6



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





#57

Fluorene

Concen: 38.73 ng

RT: 13.30 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

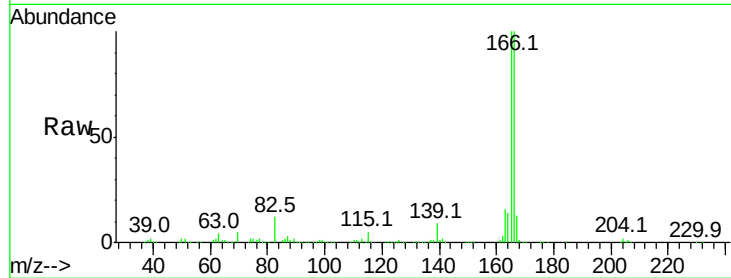
Tot Ion:166 Resp: 779702

Ion Ratio Lower Upper

166 100

165 100.4 78.8 118.2

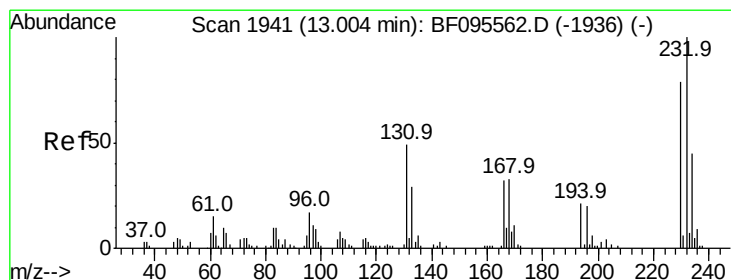
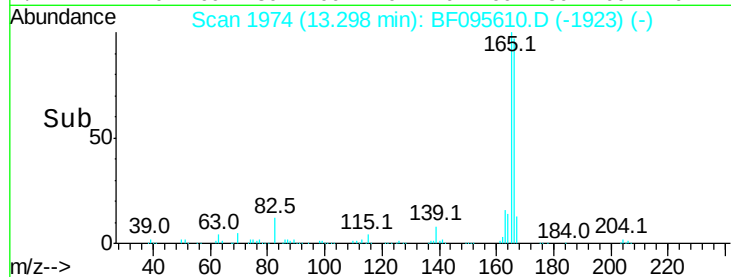
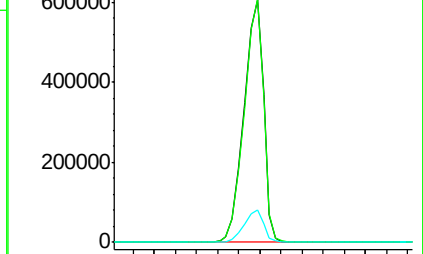
167 13.3 10.6 16.0



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: 41.37 ng

RT: 12.99 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Tgt Ion:232 Resp: 151126

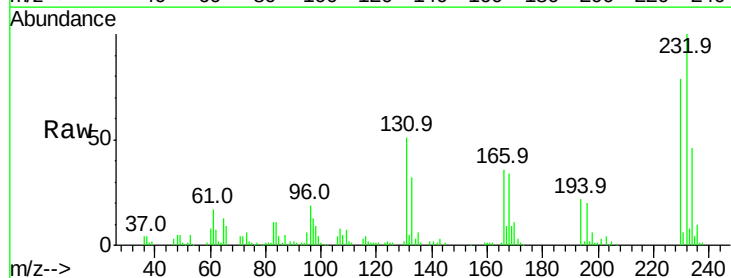
Ion Ratio Lower Upper

232 100

131 50.1 44.8 67.2

130 2.2 2.3 3.5#

166 34.5 29.0 43.4

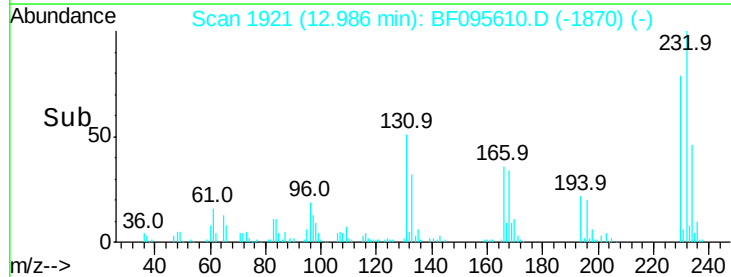
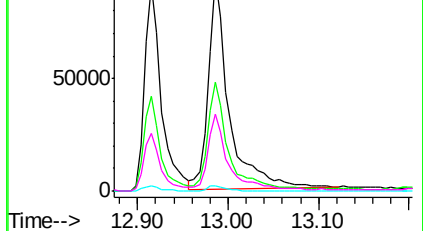


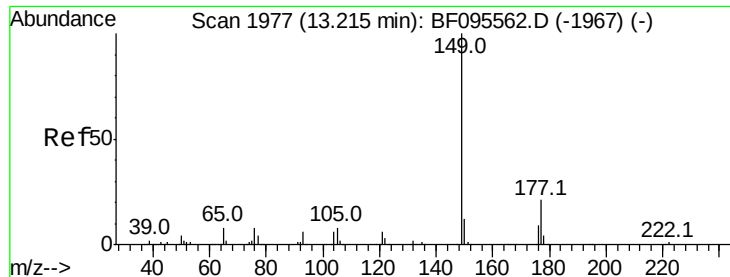
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.82 ng

RT: 13.20 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

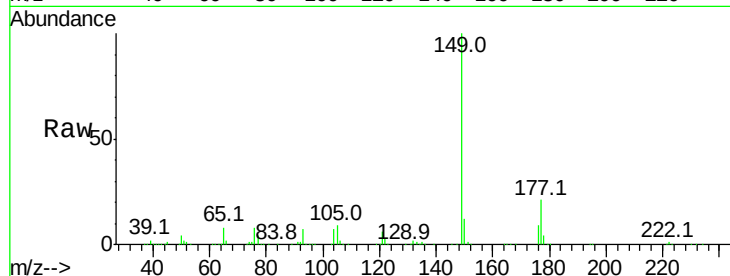
Tot Ion:149 Resp: 824053

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

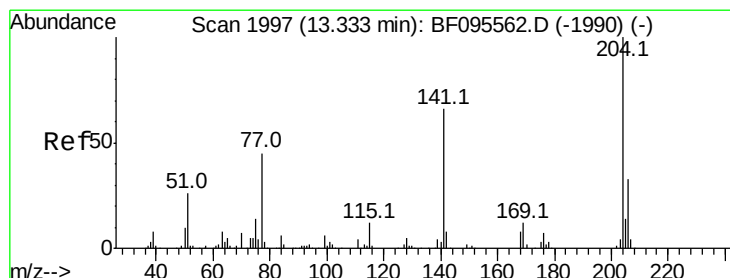
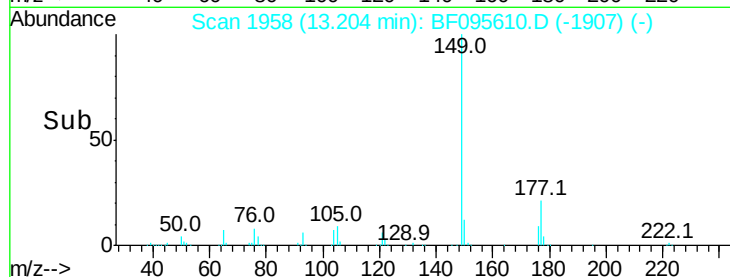
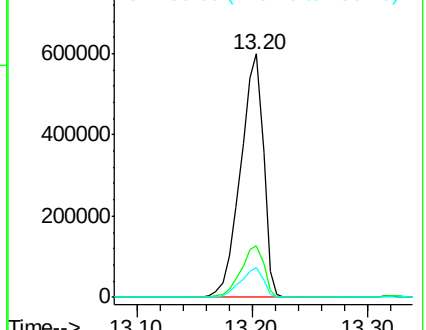
150 12.2 10.2 15.2



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: 39.00 ng

RT: 13.32 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

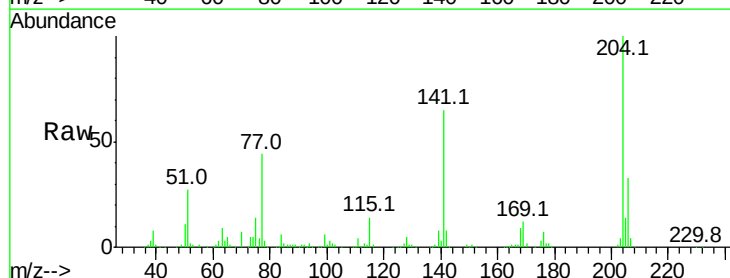
Tgt Ion:204 Resp: 345019

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

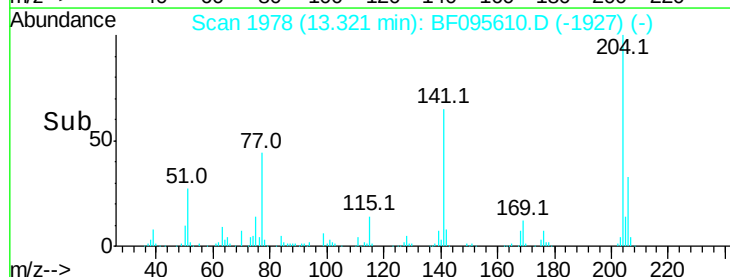
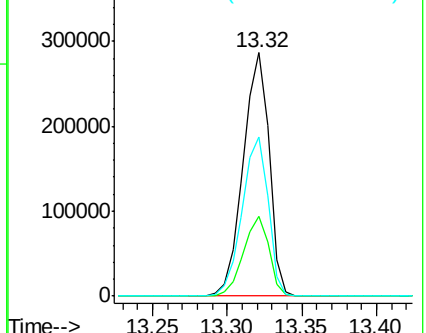
141 65.5 60.8 91.2

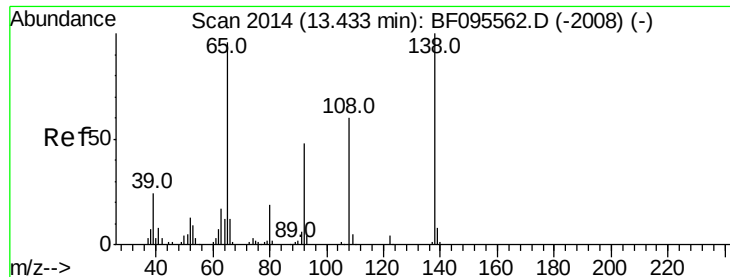


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

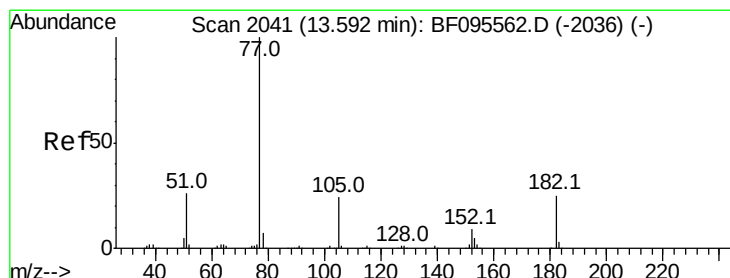
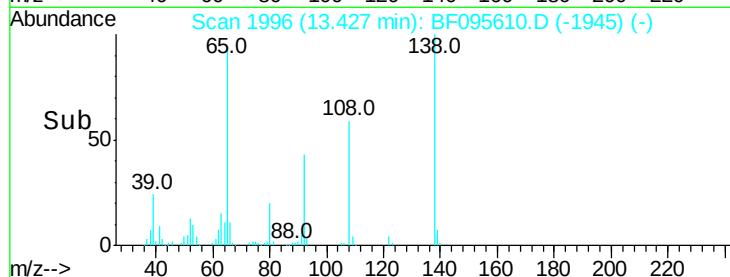
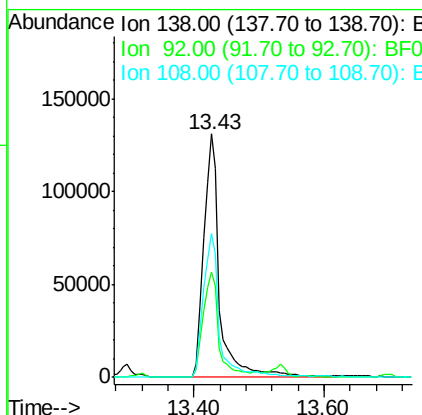
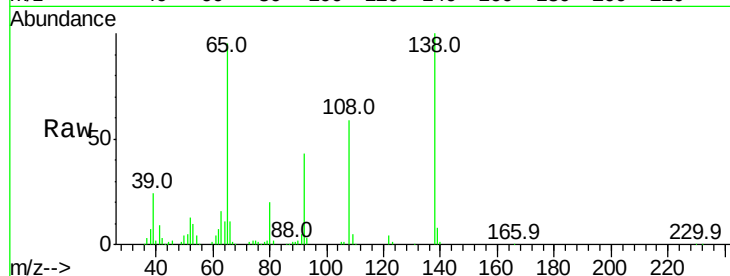




#61
4-Nitroaniline
Concen: 50.99 ng
RT: 13.43 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

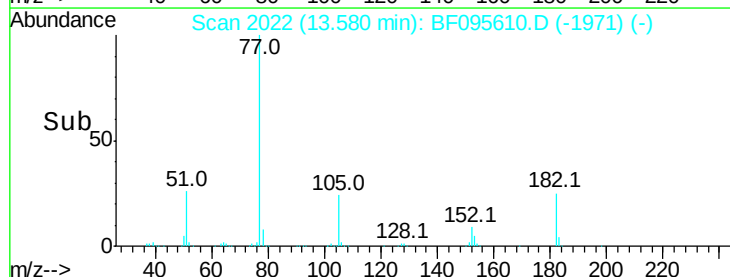
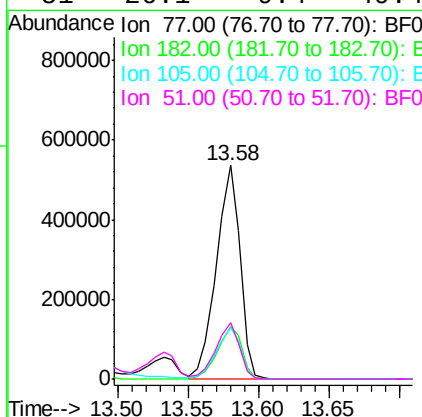
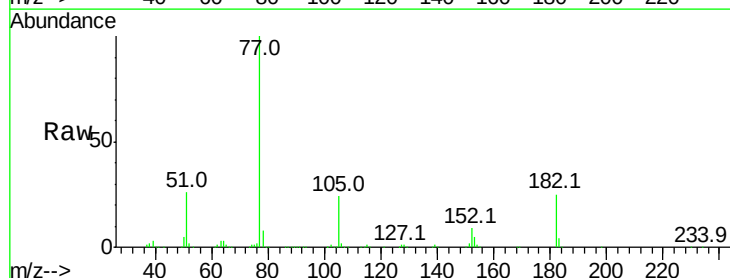
Instrument :
BNA_F
ClientSampleId :

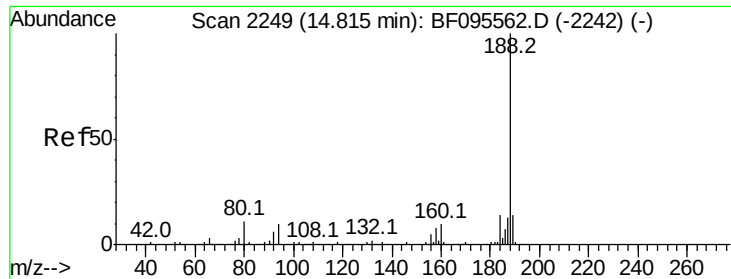
Tot Ion:138 Resp: 221329
Ion Ratio Lower Upper
138 100
92 43.1 21.8 61.8
108 58.9 42.3 82.3



#62
Azobenzene
Concen: 37.67 ng
RT: 13.58 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion: 77 Resp: 626514
Ion Ratio Lower Upper
77 100
182 24.7 0.1 40.1
105 23.9 3.6 43.6
51 26.1 9.4 49.4

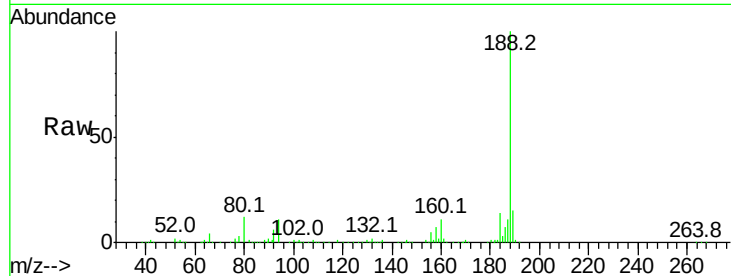




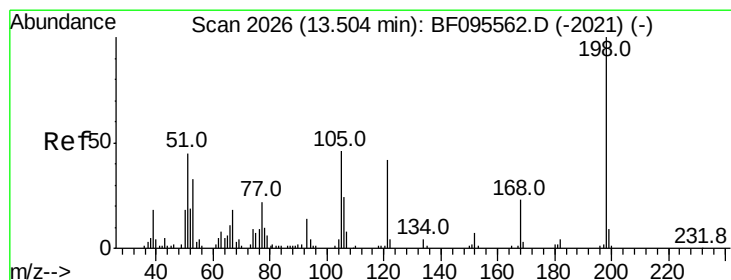
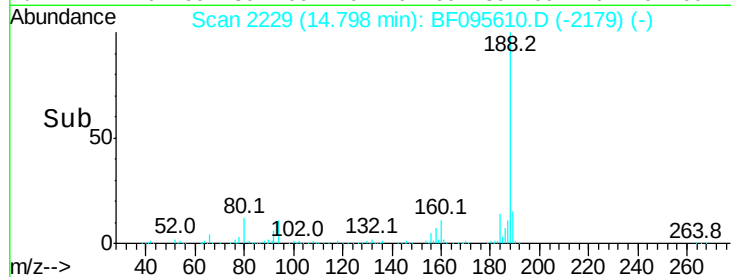
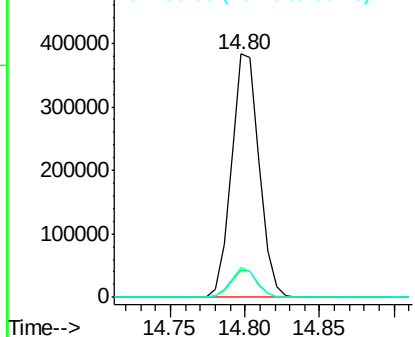
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 498034
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.1 10.2 15.2

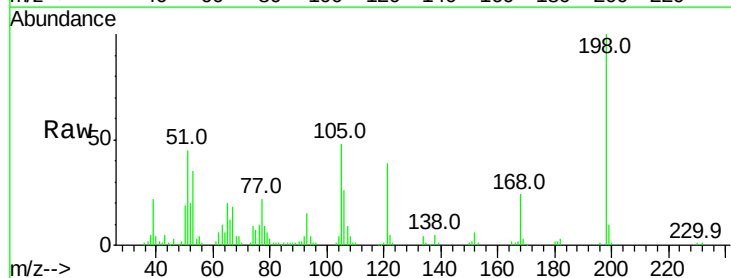


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

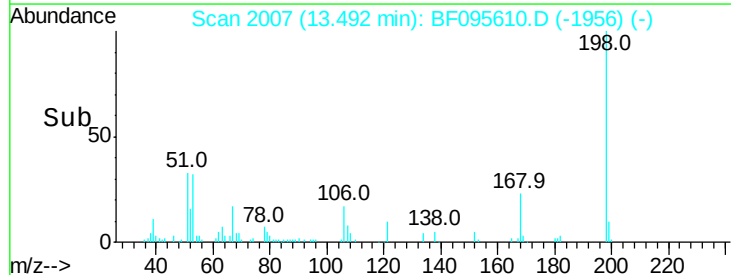
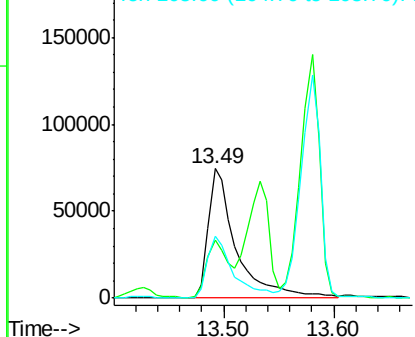


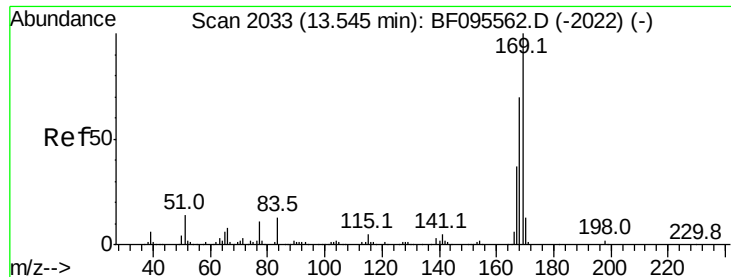
#64
4,6-Dinitro-2-methylphenol
Concen: 38.56 ng
RT: 13.49 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:198 Resp: 128731
Ion Ratio Lower Upper
198 100
51 44.8 53.2 93.2#
105 47.7 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 38.41 ng

RT: 13.53 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

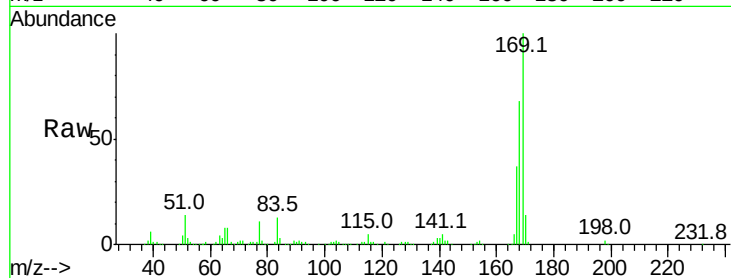
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 694220

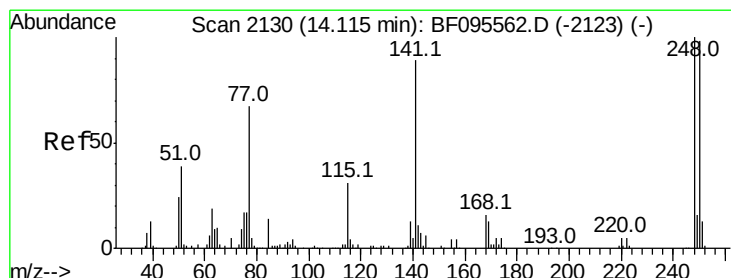
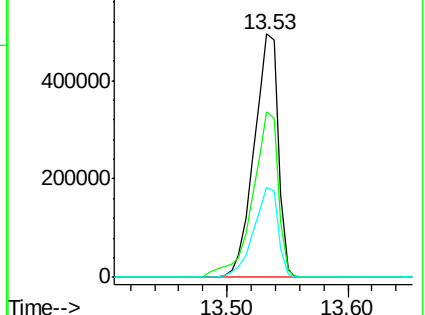
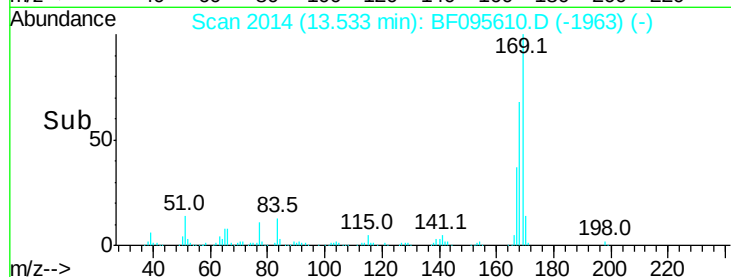
Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.2	79.8
167	36.8	29.5	44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.23 ng

RT: 14.10 min Scan# 2111

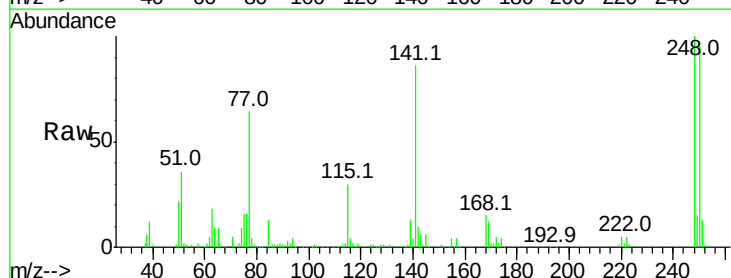
Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Tgt Ion:248 Resp: 190643

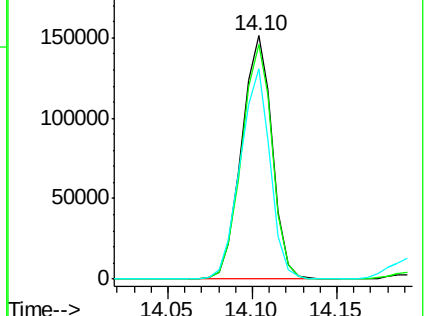
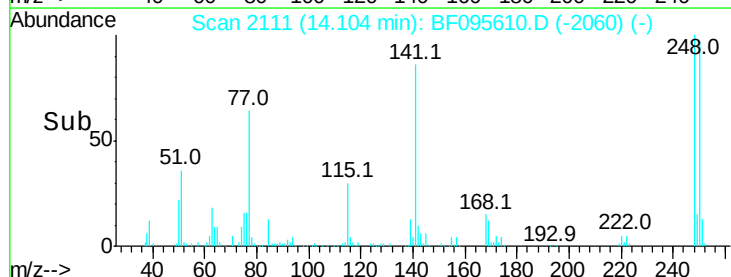
Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.8	115.2
141	86.4	68.6	103.0

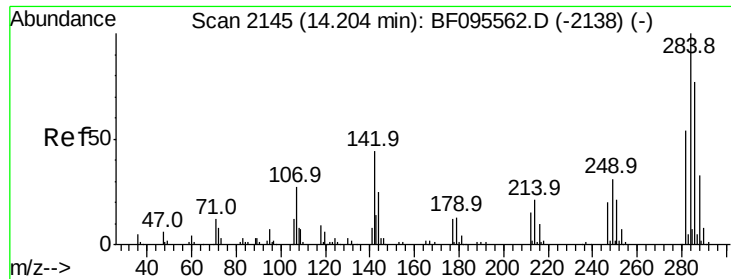


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

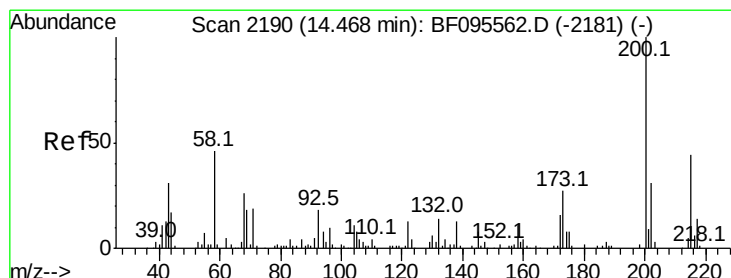
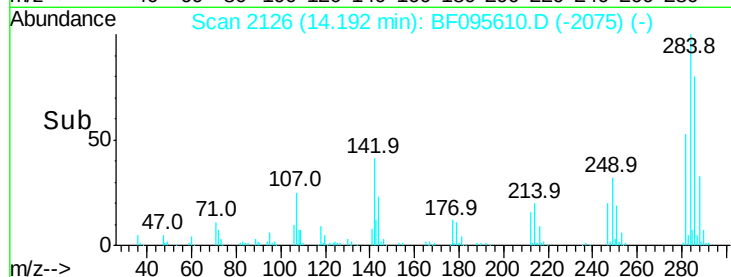
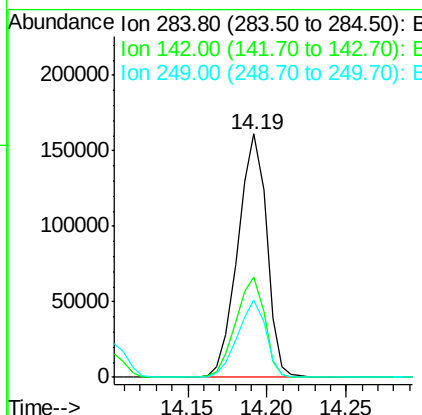
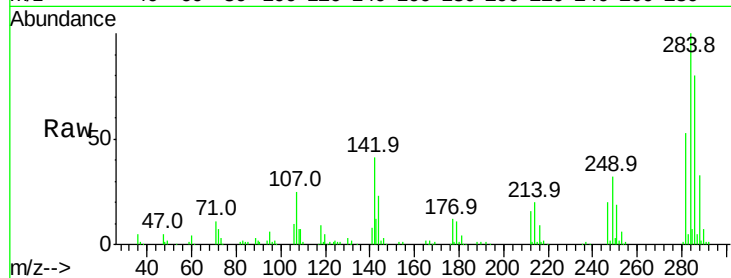




#67
Hexachlorobenzene
Concen: 37.68 ng
RT: 14.19 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

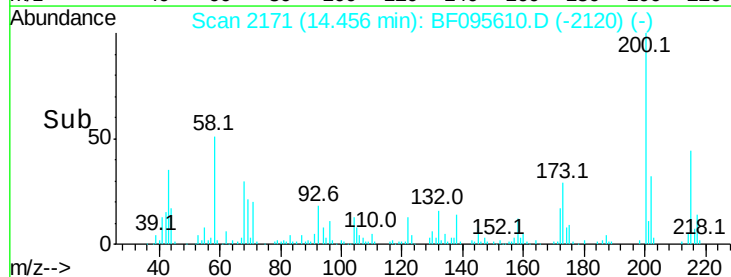
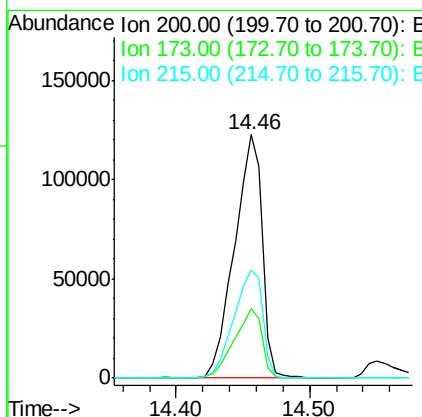
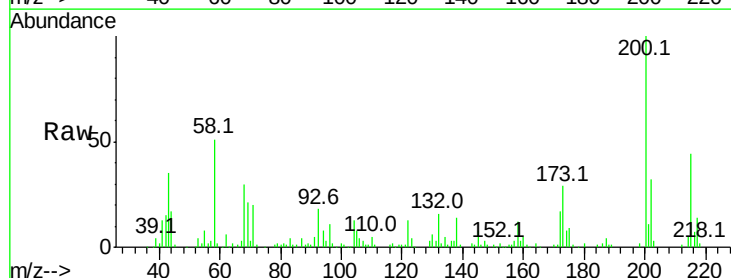
Instrument :
BNA_F
ClientSampleId :

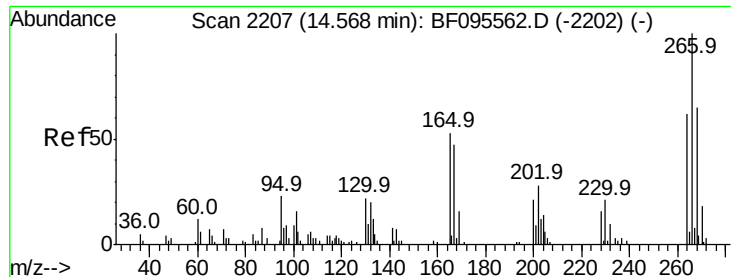
Tot Ion:284 Resp: 203158
Ion Ratio Lower Upper
284 100
142 41.1 22.8 34.2#
249 31.9 24.0 36.0



#68
Atrazine
Concen: 34.69 ng
RT: 14.46 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:200 Resp: 177021
Ion Ratio Lower Upper
200 100
173 28.6 6.3 46.3
215 44.2 27.2 67.2

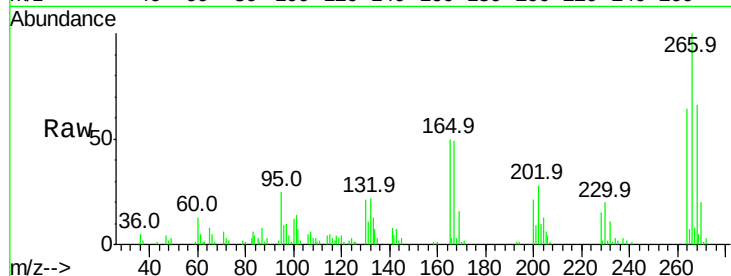




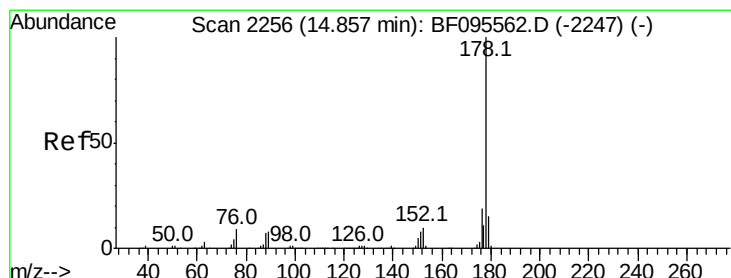
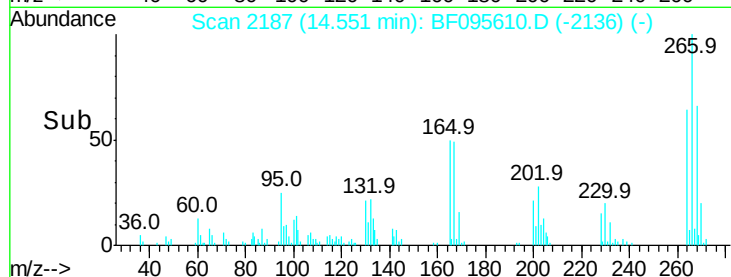
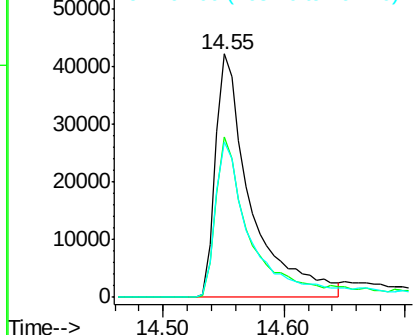
#69
 Pentachlorophenol
 Concen: 38.25 ng
 RT: 14.55 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85211
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 63.9 51.7 77.5

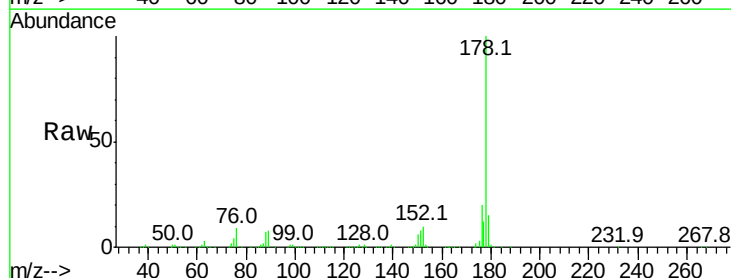


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

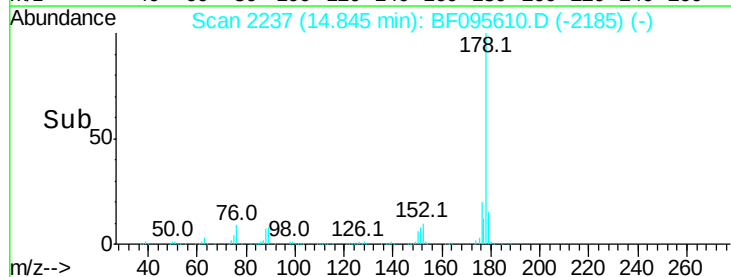
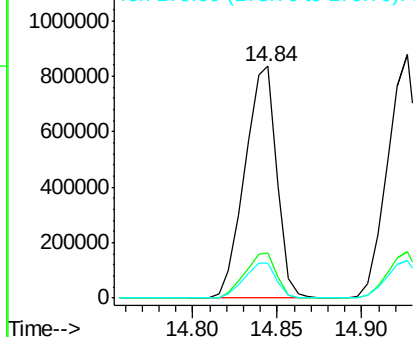


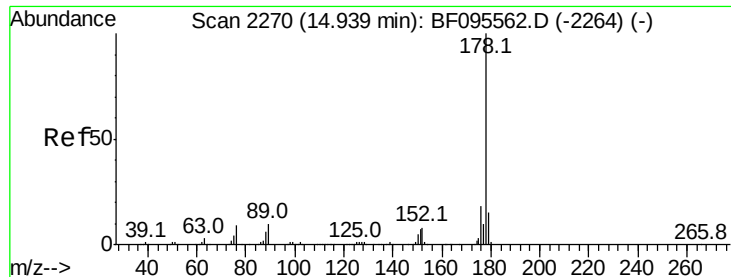
#70
 Phenanthrene
 Concen: 38.52 ng
 RT: 14.84 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Tgt Ion:178 Resp: 1102134
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.0 12.6 19.0



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

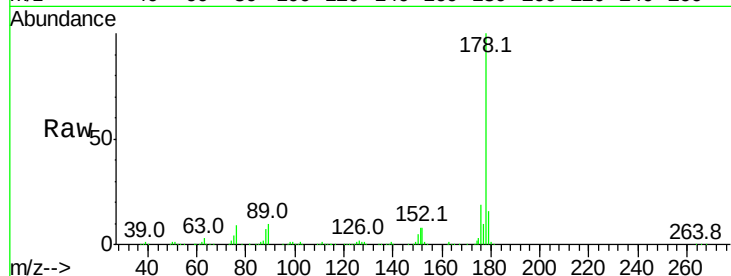




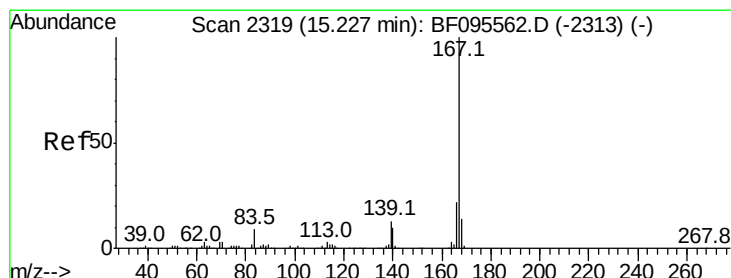
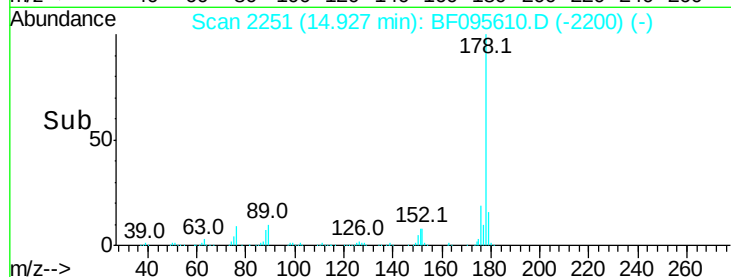
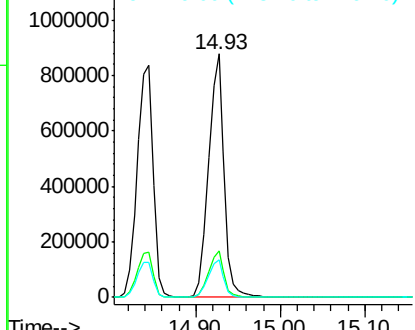
#71
 Anthracene
 Concen: 39.13 ng
 RT: 14.93 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1143716
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.5 12.7 19.1

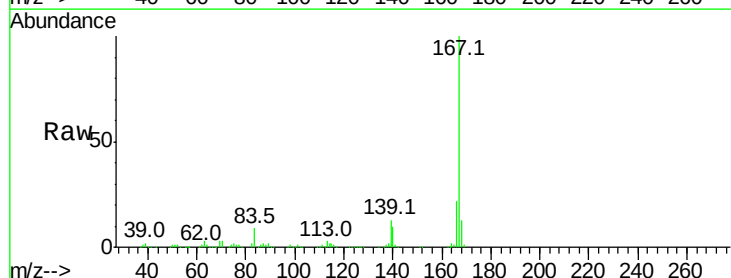


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

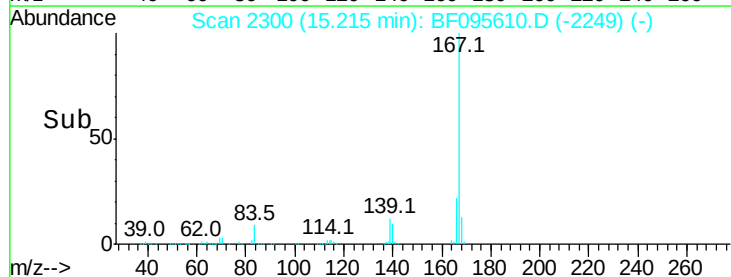
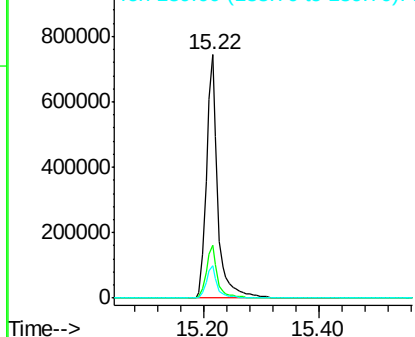


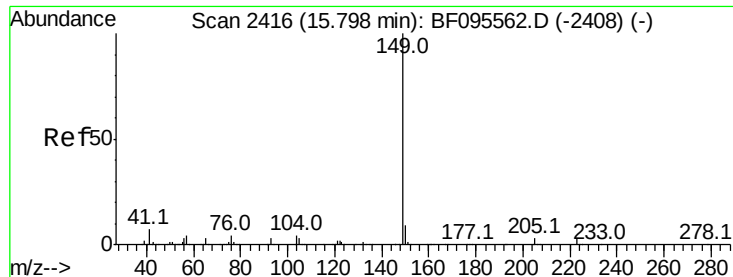
#72
 Carbazole
 Concen: 38.77 ng
 RT: 15.22 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Tgt Ion:167 Resp: 1031224
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.1 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.69 ng

RT: 15.79 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

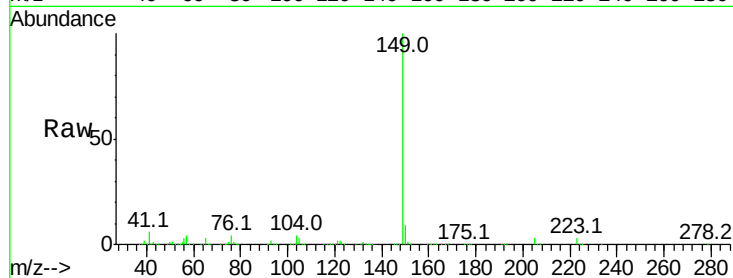
Tot Ion:149 Resp: 1316335

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

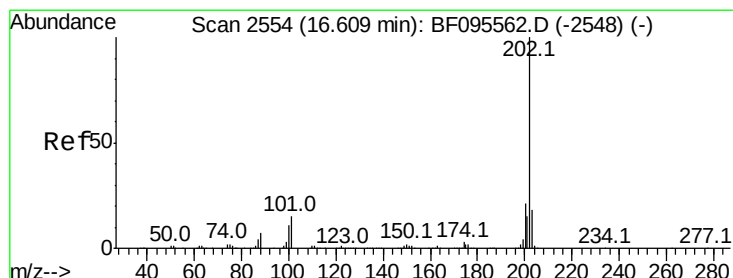
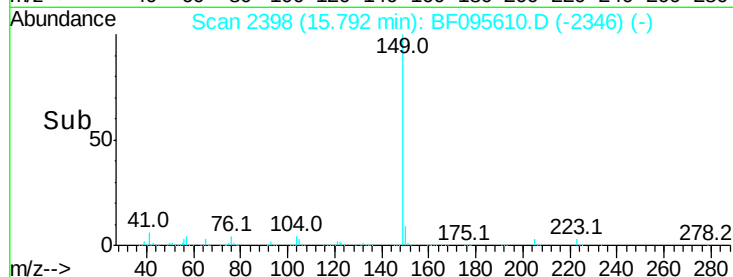
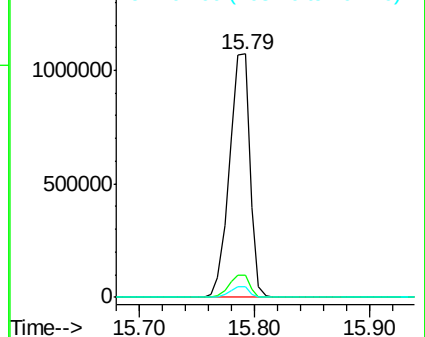
104 4.4 4.0 6.0



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: 36.68 ng

RT: 16.60 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

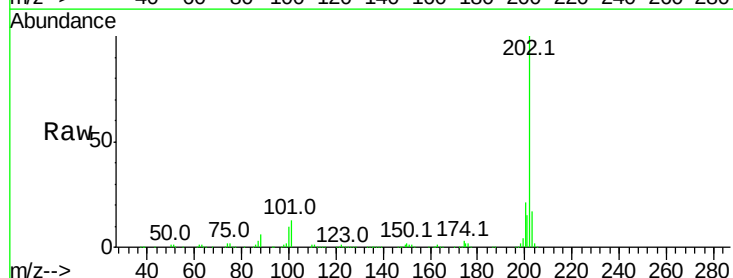
Tgt Ion:202 Resp: 1076823

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

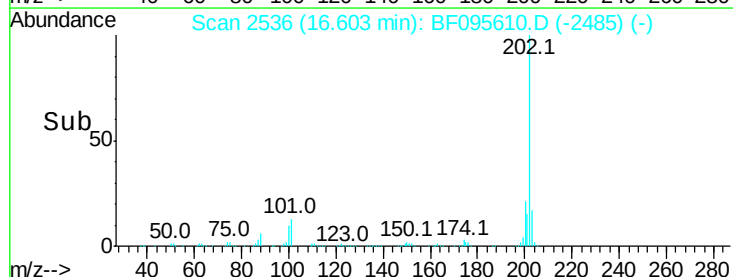
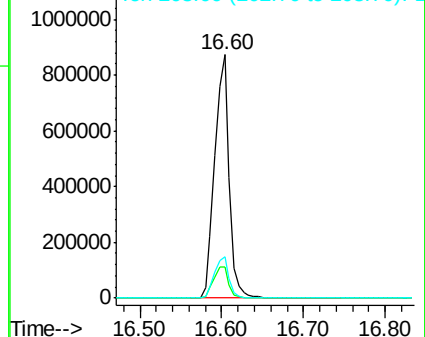
203 17.2 0.0 38.1

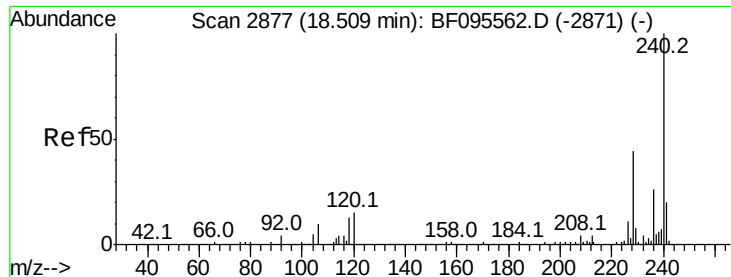


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2859

Delta R.T. 0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampled :

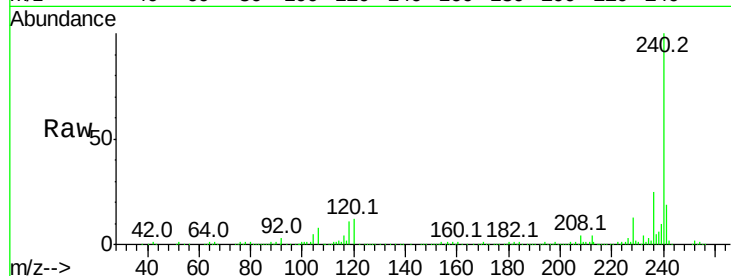
Tot Ion:240 Resp: 374018

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

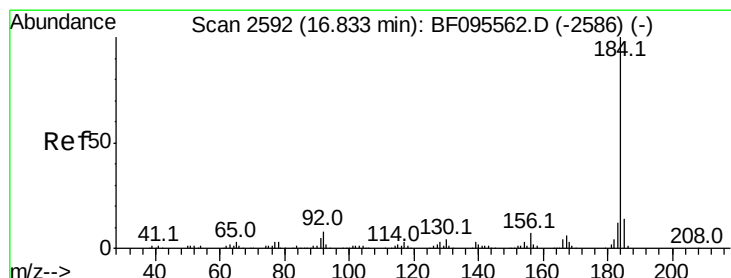
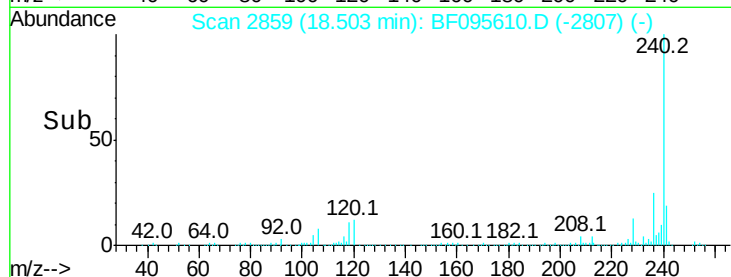
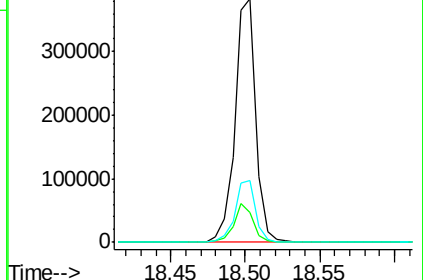
236 25.4 20.5 30.7



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



#76

Benzidine

Concen: 23.46 ng

RT: 16.83 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

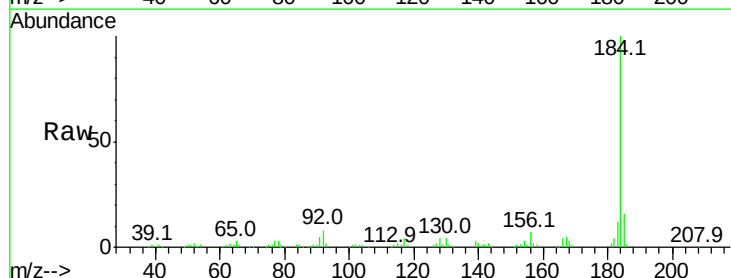
Tgt Ion:184 Resp: 197833

Ion Ratio Lower Upper

184 100

185 15.6 15.5 23.3

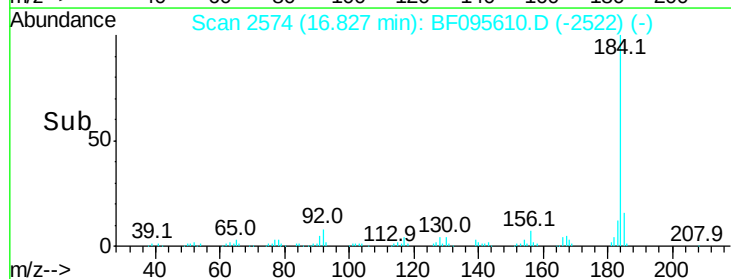
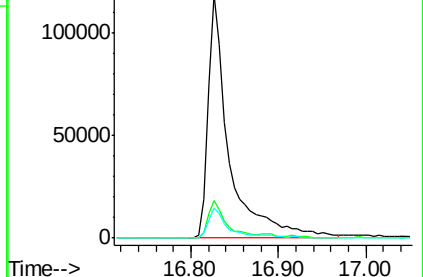
183 12.4 9.8 14.6

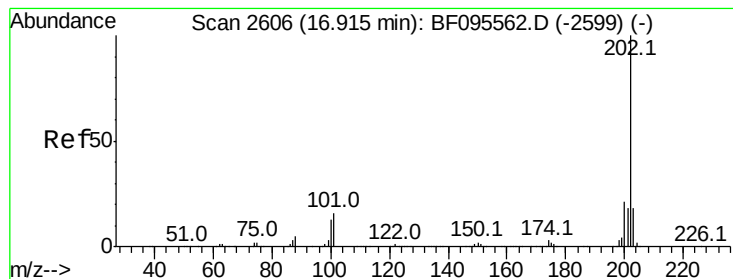


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.20 ng

RT: 16.90 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

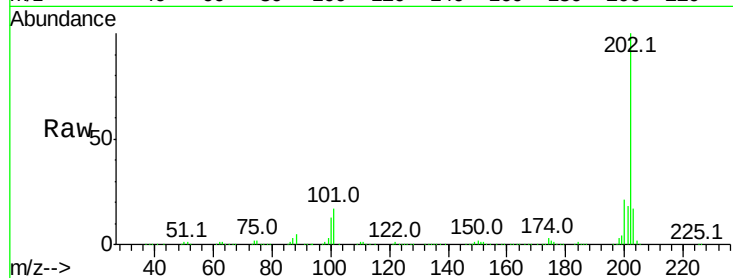
Tot Ion:202 Resp: 1180352

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

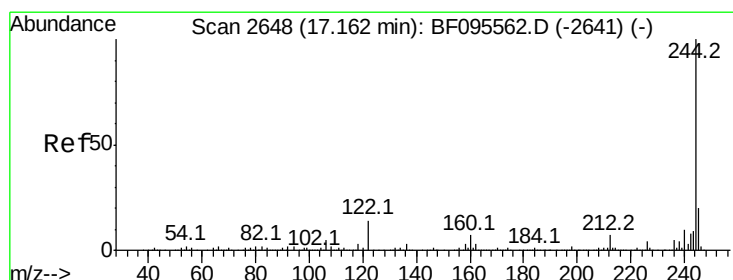
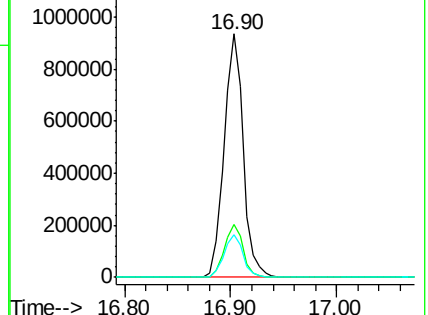
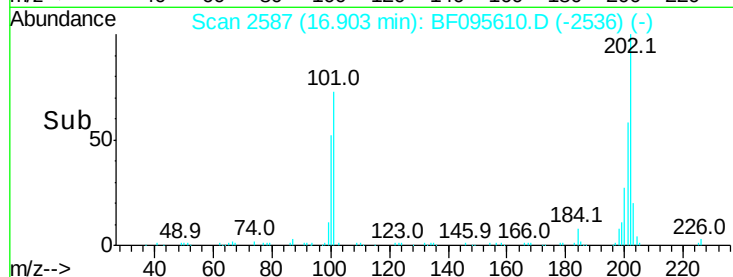
203 17.4 14.4 21.6



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: 77.85 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

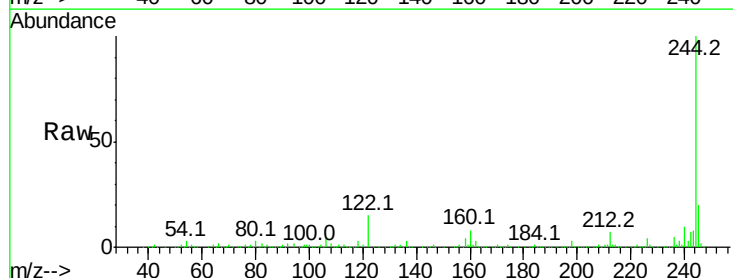
Tgt Ion:244 Resp: 1321966

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

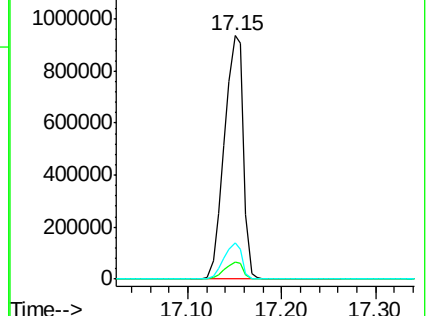
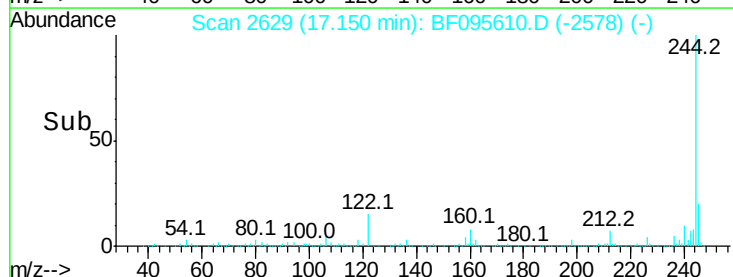
122 14.7 10.3 15.5

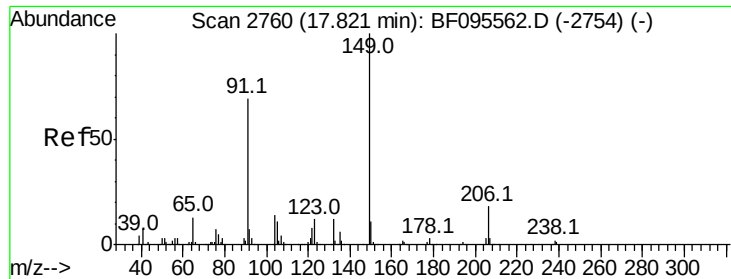


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

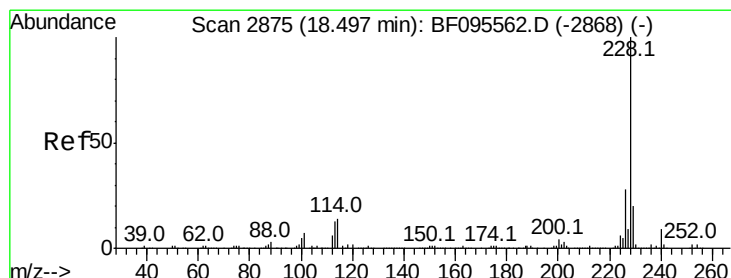
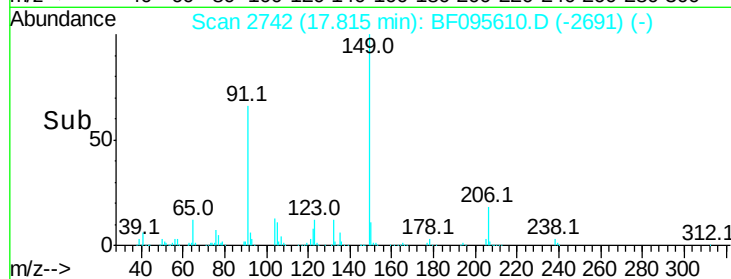
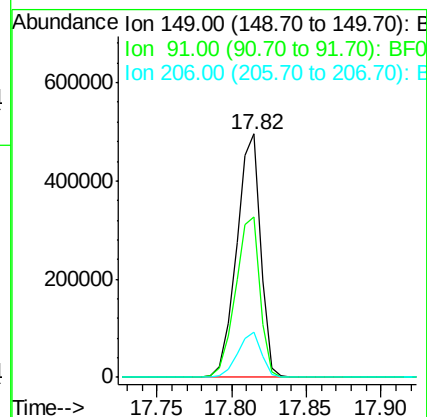
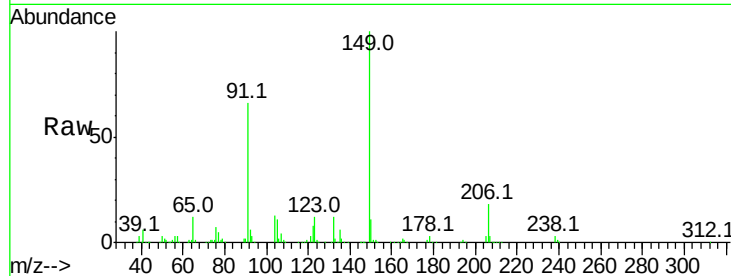




#79
Butylbenzylphthalate
Concen: 42.87 ng
RT: 17.82 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

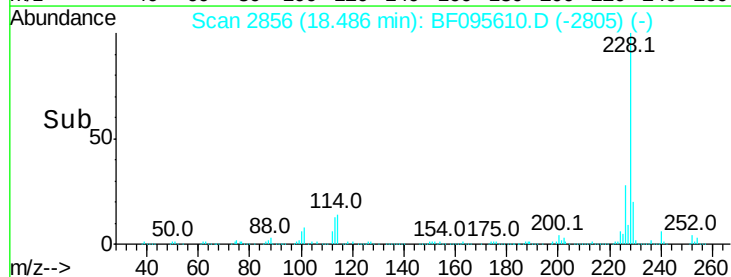
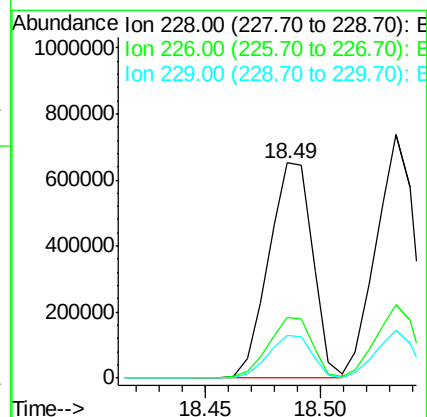
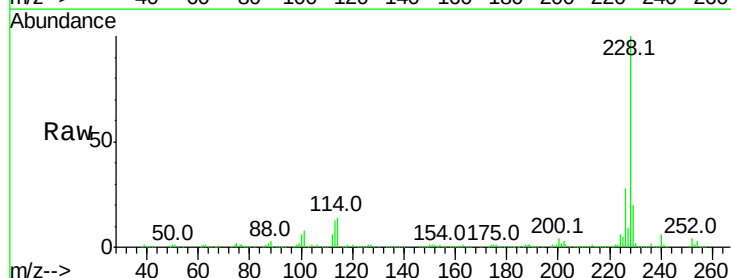
Instrument :
BNA_F
ClientSampleId :

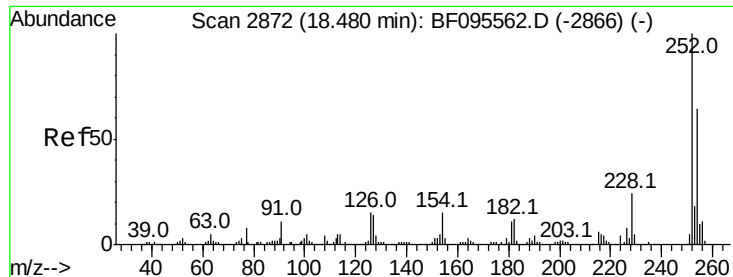
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	45.0	67.4
206	18.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.56 ng
RT: 18.49 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	16.3	24.5

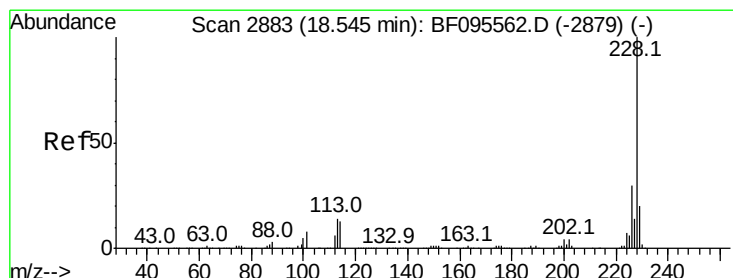
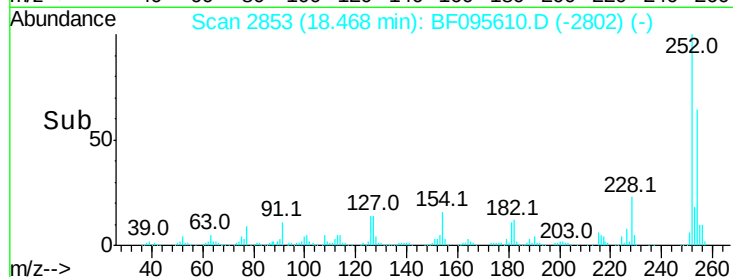
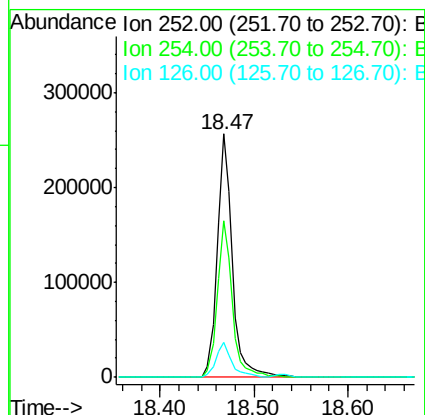
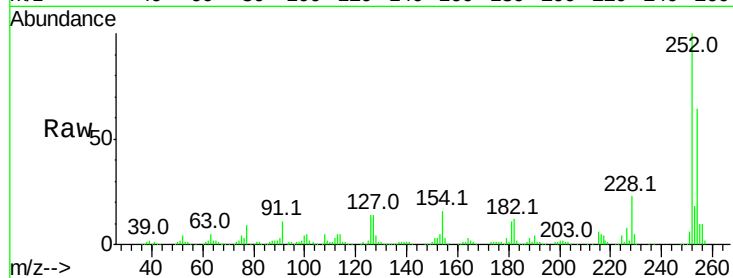




#81
 3,3'-Dichlorobenzidine
 Concen: 38.93 ng
 RT: 18.47 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

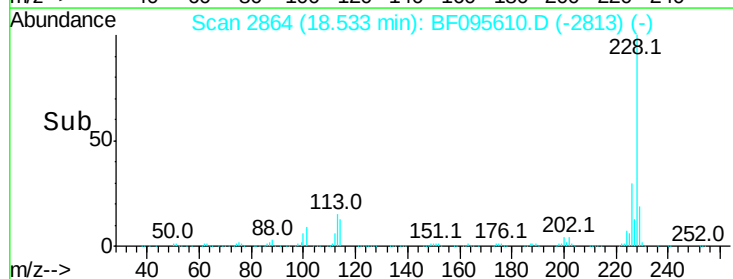
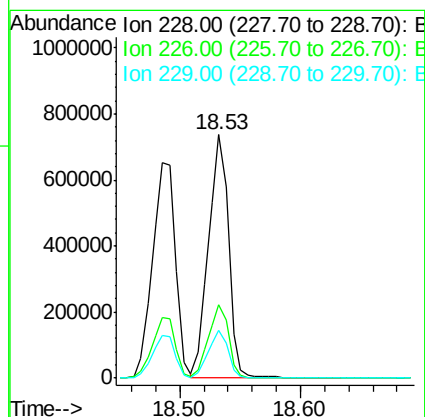
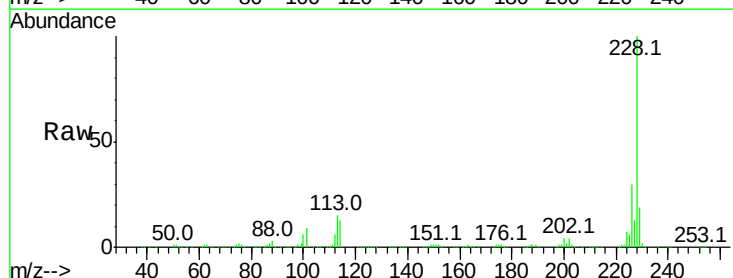
Instrument :
 BNA_F
 ClientSampleId :

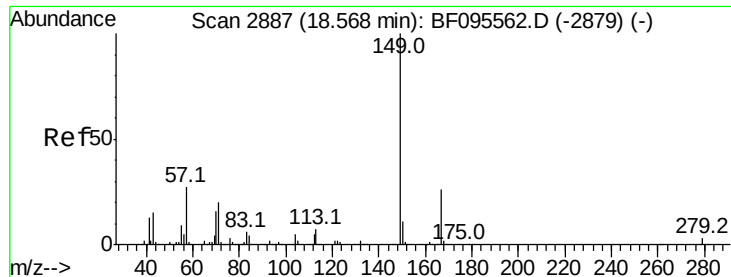
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	14.2	15.8	23.8



#82
 Chrysene
 Concen: 40.24 ng
 RT: 18.53 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.47 ng

RT: 18.56 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :

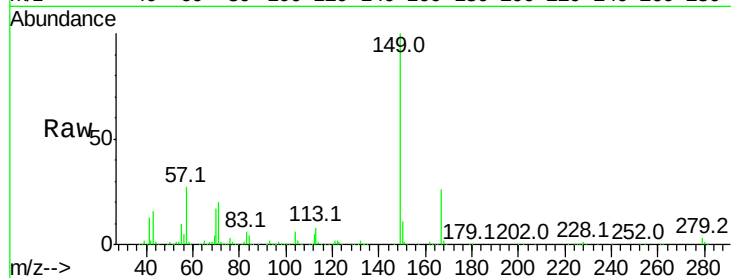
Tot Ion:149 Resp: 787285

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

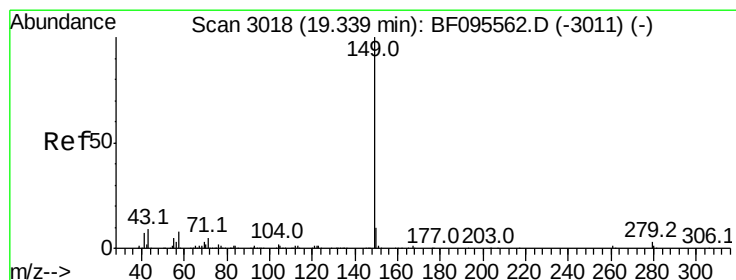
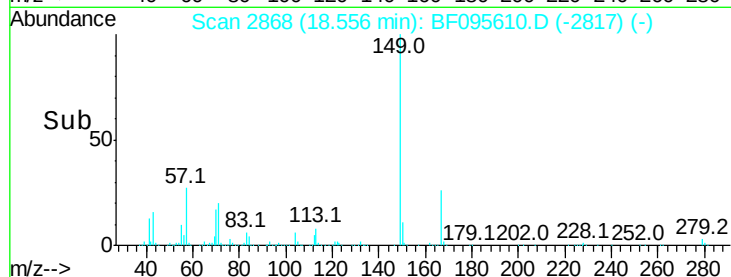
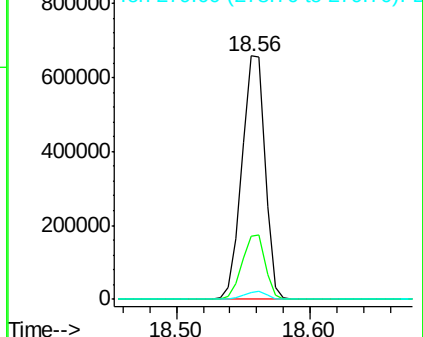
279 3.0 1.9 2.9#



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: 39.90 ng

RT: 19.33 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

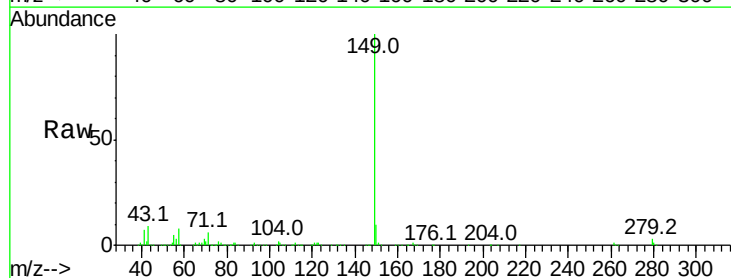
Tgt Ion:149 Resp: 1212597

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

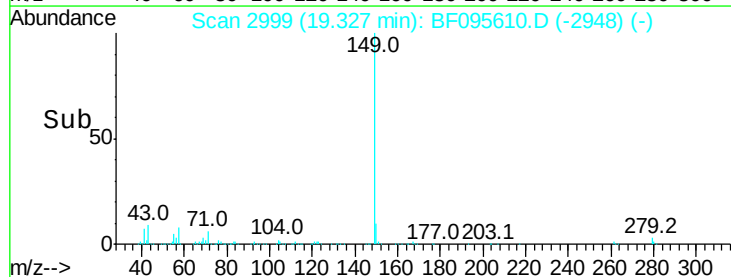
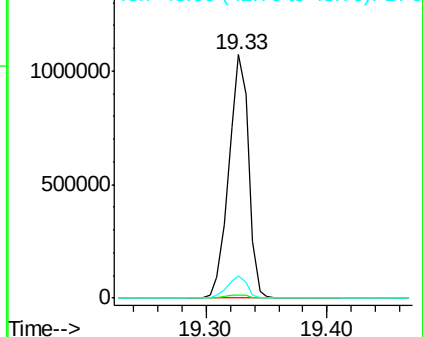
43 9.1 8.5 12.7

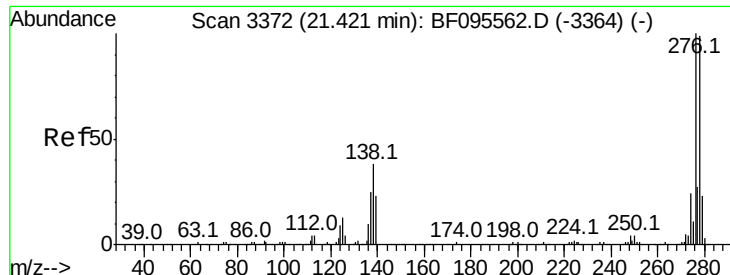


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

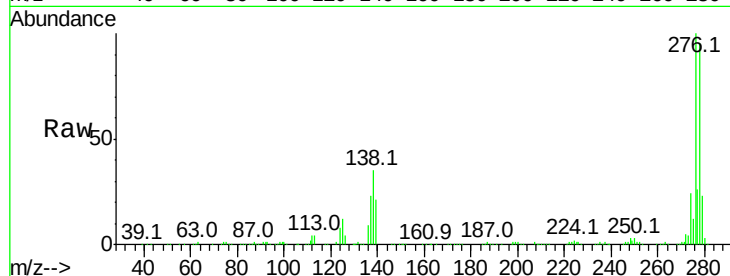




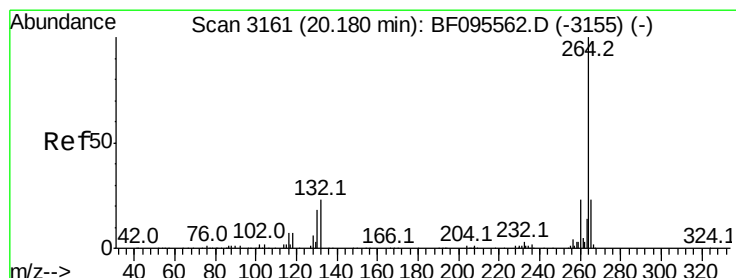
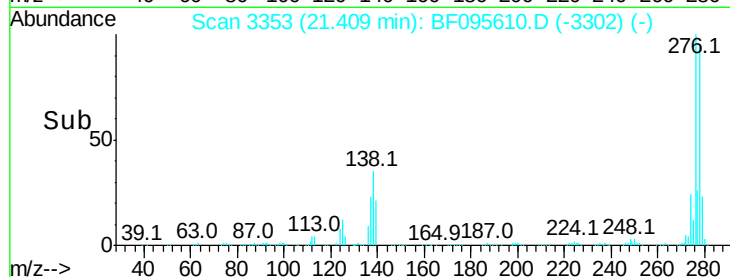
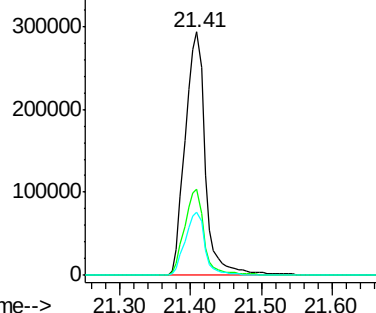
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.08 ng
 RT: 21.41 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.6	20.2	30.4

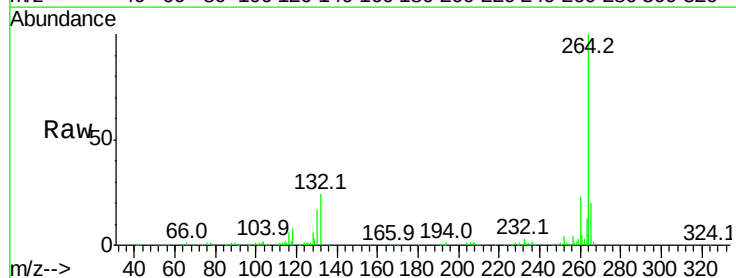


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

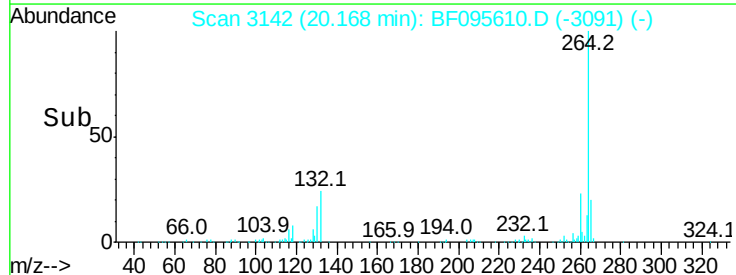
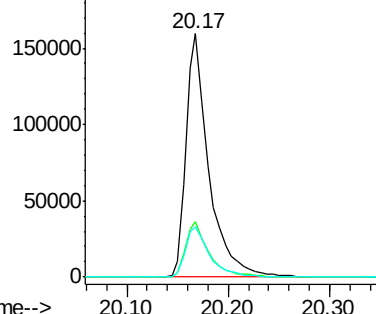


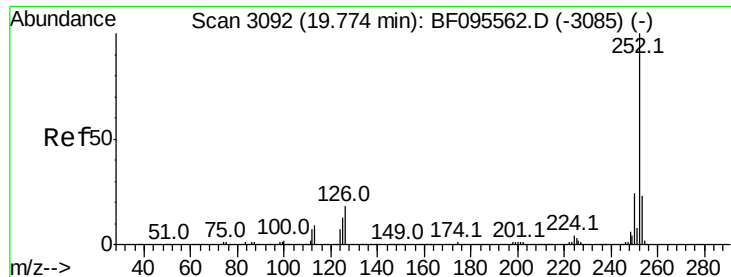
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095610.D
 Acq: 1 Jun 2017 23:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.5	17.2	25.8



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

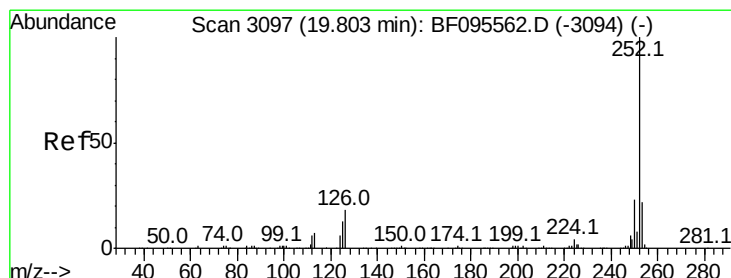
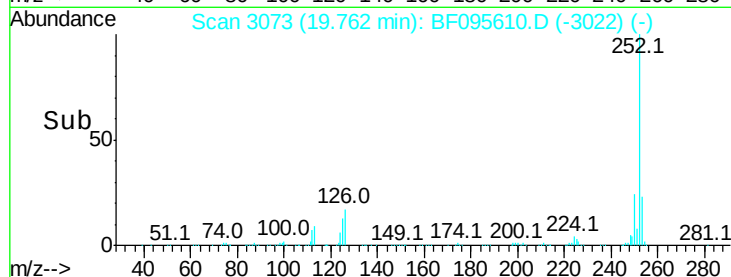
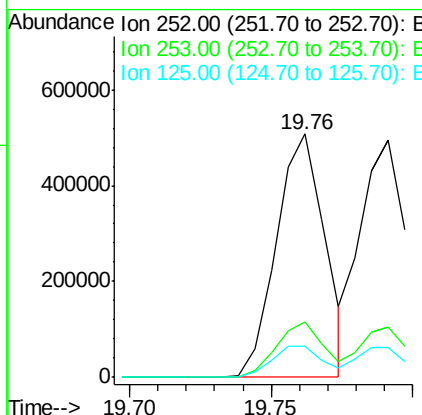
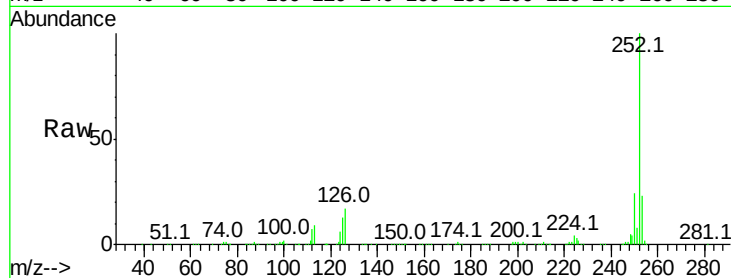




#87
Benzo(b)fluoranthene
Concen: 39.22 ng
RT: 19.76 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

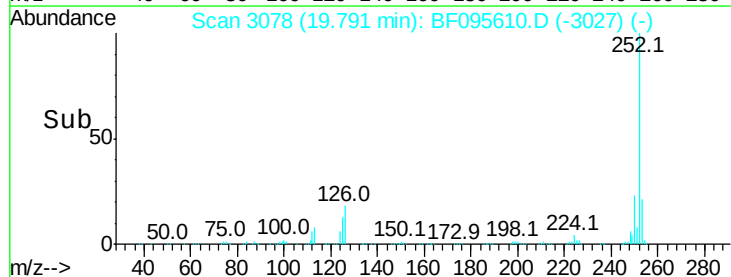
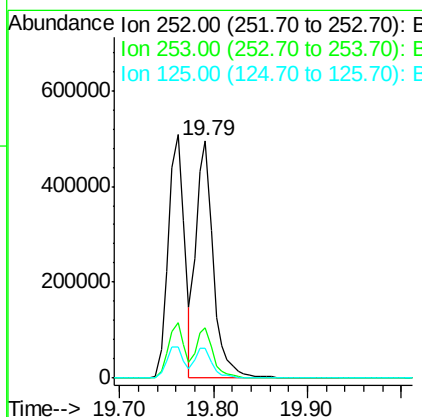
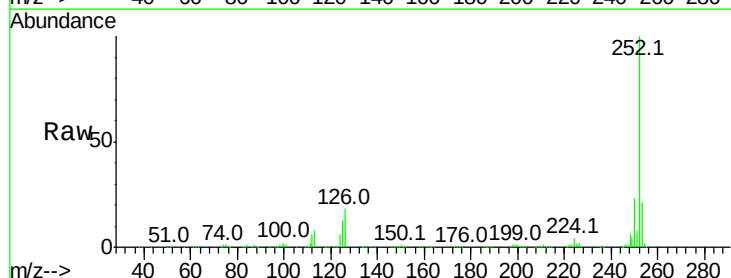
Instrument :
BNA_F
ClientSampleId :

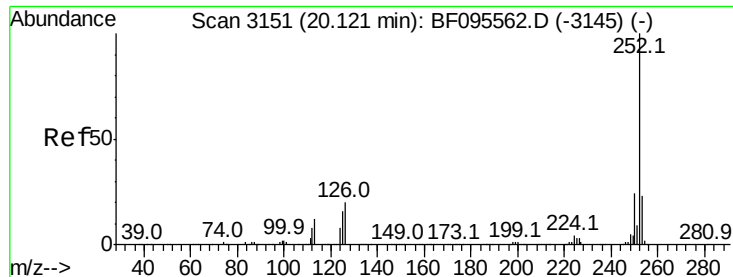
Tot Ion:252 Resp: 603815
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 12.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 42.43 ng
RT: 19.79 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:252 Resp: 630099
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 12.6 13.1 19.7#

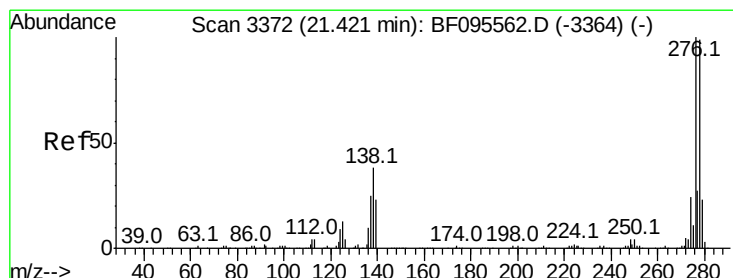
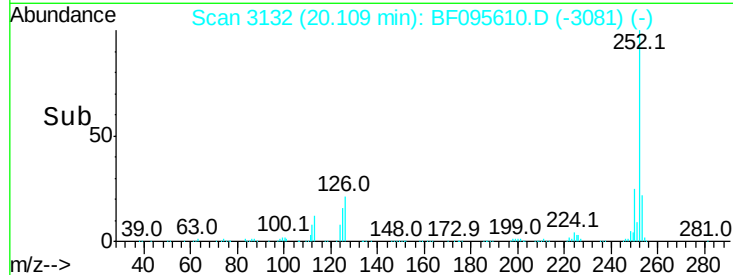
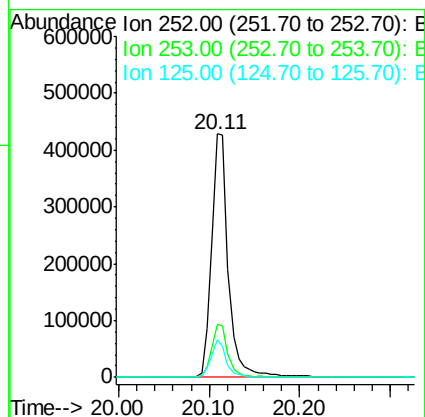
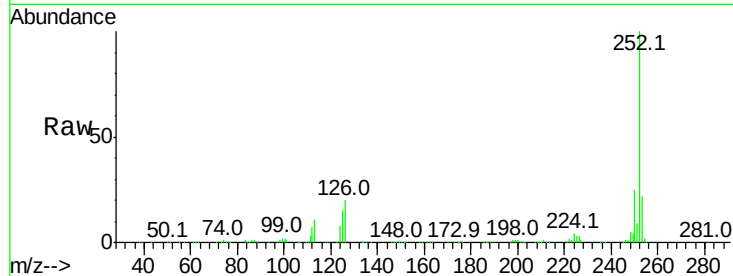




#89
Benzo(a)pyrene
Concen: 39.33 ng
RT: 20.11 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

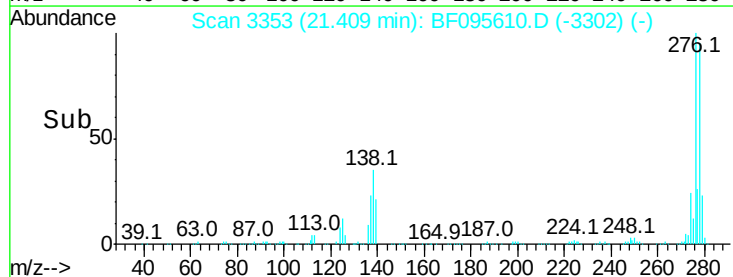
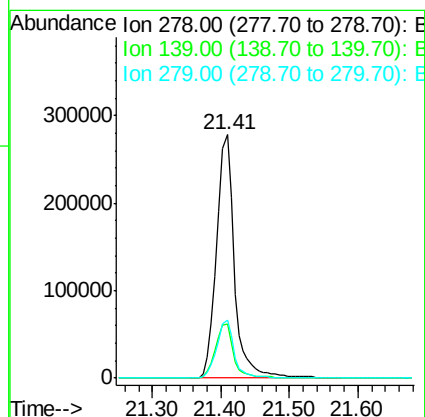
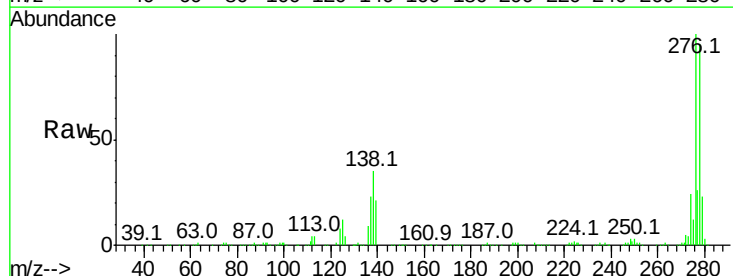
Instrument :
BNA_F
ClientSampled :

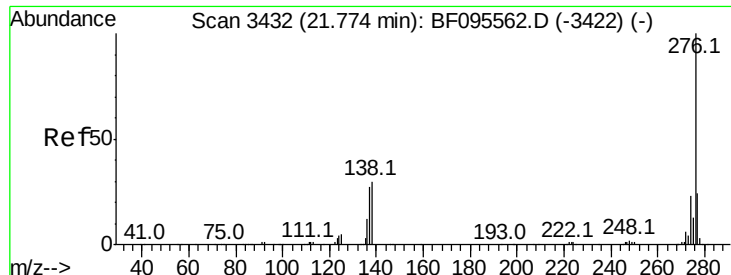
Tot Ion:252 Resp: 558622
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 15.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.86 ng
RT: 21.41 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BF095610.D
Acq: 1 Jun 2017 23:55

Tgt Ion:278 Resp: 502771
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 23.7 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 46.65 ng

RT: 21.76 min Scan# 3412

Delta R.T. -0.00 min

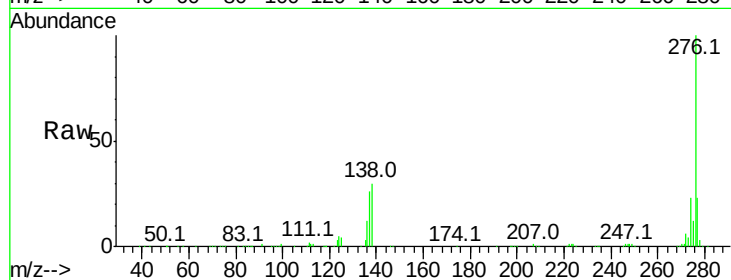
Lab File: BF095610.D

Acq: 1 Jun 2017 23:55

Instrument :

BNA_F

ClientSampleId :



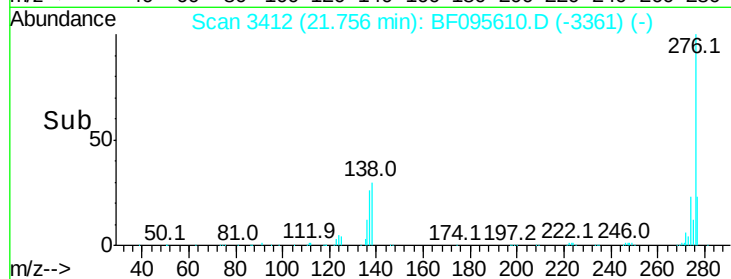
Tot Ion:276 Resp: 537032

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 30.3 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

