

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095608.D
 Acq On : 1 Jun 2017 22:20
 Operator : SJ/MA
 Sample : I3388-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:26:30 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	72431	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	312832	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	151176	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	275139	20.00	ng	0.00
75) Chrysene-d12	18.50	240	218584	20.00	ng	0.00
86) Perylene-d12	20.17	264	159749	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	606118	139.52	ng	0.03
7) Phenol-d6	7.10	99	705706	135.38	ng	0.00
23) Nitrobenzene-d5	8.45	82	462957	93.32	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	187560	151.49	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	942844	89.77	ng	0.00
78) Terphenyl-d14	17.15	244	888057	89.49	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	73487	34.49	ng	# 80
3) Pyridine	2.62	79	92721	18.78	ng	96
4) n-Nitrosodimethylamine	2.52	42	82241	39.95	ng	# 77
6) Aniline	7.05	93	124671	18.95	ng	96
8) 2-Chlorophenol	7.23	128	233538	47.23	ng	97
9) Benzaldehyde	6.89	77	23683	7.44	ng	91
10) Phenol	7.12	94	266877	48.59	ng	92
11) bis(2-Chloroethyl)ether	7.18	93	210693	46.46	ng	95
12) 1,3-Dichlorobenzene	7.44	146	232552	41.46	ng	98
13) 1,4-Dichlorobenzene	7.56	146	240946	42.36	ng	97
14) 1,2-Dichlorobenzene	7.80	146	228481	43.03	ng	96
15) Benzyl Alcohol	7.84	79	196560	58.63	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.04	45	267389	41.66	ng	95
17) 2-Methylphenol	8.06	107	201306	49.75	ng	95
18) Hexachloroethane	8.32	117	80498	41.77	ng	# 87
19) n-Nitroso-di-n-propylamine	8.26	70	167101	47.40	ng	94
20) 3+4-Methylphenols	8.33	107	265750	48.33	ng	# 62
22) Acetophenone	8.23	105	339705	45.26	ng	# 83
24) Nitrobenzene	8.48	77	229430	44.12	ng	92
25) Isophorone	8.89	82	431234	48.68	ng	96
26) 2-Nitrophenol	8.99	139	132979	47.39	ng	99
27) 2,4-Dimethylphenol	9.14	122	236376	52.10	ng	98
28) bis(2-Chloroethoxy)methane	9.26	93	276863	45.18	ng	99
29) 2,4-Dichlorophenol	9.43	162	208983	48.79	ng	99
30) 1,2,4-Trichlorobenzene	9.50	180	193350	42.13	ng	99
31) Naphthalene	9.61	128	2137653	135.96	ng	99
32) Benzoic acid	9.50	122	136421	46.03	ng	93
33) 4-Chloroaniline	9.76	127	110486	18.86	ng	# 94
34) Hexachlorobutadiene	9.82	225	95700	39.52	ng	100
35) Caprolactam	10.39	113	31305	24.34	ng	93
36) 4-Chloro-3-methylphenol	10.62	107	226435	49.44	ng	91
37) 2-Methylnaphthalene	10.73	142	629089	60.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	194160	41.76	ng	98
40) Hexachlorocyclopentadiene	10.98	237	88717	48.01	ng	99

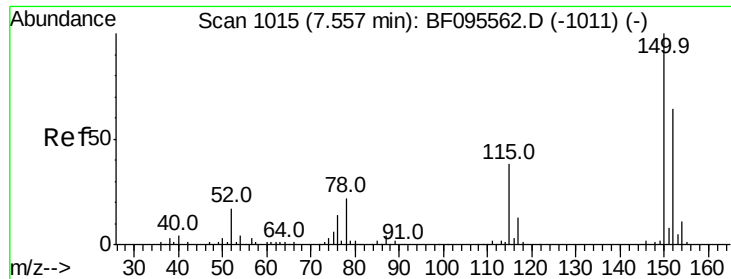
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	143540	46.24	nq	98
43) 2,4,5-Trichlorophenol	11.33	196	141331	42.36	nq	94
45) 1,1'-Biphenyl	11.50	154	586815	46.10	nq	98
46) 2-Chloronaphthalene	11.51	162	443145	43.12	nq	94
47) 2-Nitroaniline	11.73	65	135050	48.01	nq	# 81
48) Acenaphthylene	12.17	152	737774	45.83	nq	98
49) Dimethylphthalate	12.05	163	548265	44.18	nq	98
50) 2,6-Dinitrotoluene	12.14	165	123274	48.69	nq	# 93
51) Acenaphthene	12.45	154	471483	49.04	nq	98
52) 3-Nitroaniline	12.42	138	86163	31.71	nq	89
53) 2,4-Dinitrophenol	12.63	184	124209	88.36	nq	# 66
54) Dibenzofuran	12.74	168	690406	51.89	nq	98
55) 4-Nitrophenol	12.82	139	124853	76.49	nq	# 71
56) 2,4-Dinitrotoluene	12.82	165	172020	52.87	nq	# 87
57) Fluorene	13.29	166	562009	48.58	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.99	232	111429	53.07	nq	# 92
59) Diethylphthalate	13.20	149	536094	45.07	nq	99
60) 4-Chlorophenyl-phenylether	13.32	204	235824	46.38	nq	91
61) 4-Nitroaniline	13.42	138	125297	50.22	nq	95
62) Azobenzene	13.57	77	499548	52.26	nq	94
64) 4,6-Dinitro-2-methylphenol	13.49	198	81635	44.26	nq	# 70
65) n-Nitrosodiphenylamine	13.53	169	466940	46.76	nq	99
66) 4-Bromophenyl-phenylether	14.10	248	134176	46.16	nq	98
67) Hexachlorobenzene	14.19	284	134325	45.09	nq	# 86
68) Atrazine	14.46	200	137321	48.70	nq	96
69) Pentachlorophenol	14.55	266	96180	72.04	nq	99
70) Phenanthrene	14.84	178	795028	50.29	nq	99
71) Anthracene	14.92	178	802009	49.67	nq	99
72) Carbazole	15.22	167	841551	57.28	nq	97
73) Di-n-butylphthalate	15.79	149	859985	46.94	nq	99
74) Fluoranthene	16.60	202	788308	48.61	nq	99
76) Benzidine	16.85	184	15603	8.87	nq	# 91
77) Pyrene	16.90	202	792190	48.46	nq	99
79) Butylbenzylphthalate	17.81	149	367167	48.29	nq	88
80) Benzo(a)anthracene	18.49	228	606948	47.71	nq	99
81) 3,3'-Dichlorobenzidine	18.47	252	134625	30.64	nq	# 96
82) Chrysene	18.53	228	578820	47.06	nq	100
83) Bis(2-ethylhexyl)phthalate	18.56	149	514053	47.45	nq	# 100
84) Di-n-octyl phthalate	19.33	149	826049	46.51	nq	95
85) Indeno(1,2,3-cd)pyrene	21.40	276	448557	44.90	nq	99
87) Benzo(b)fluoranthene	19.76	252	498109	50.46	nq	98
88) Benzo(k)fluoranthene	19.79	252	483941	50.82	nq	96
89) Benzo(a)pyrene	20.11	252	448949	49.29	nq	99
90) Dibenzo(a,h)anthracene	21.40	278	375980	49.98	nq	97
91) Benzo(g,h,i)perylene	21.76	276	393495	53.30	nq	98

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

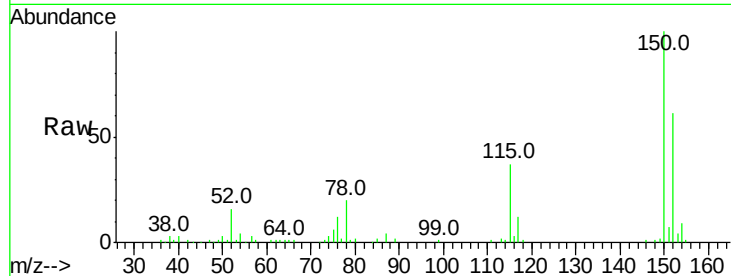


#1

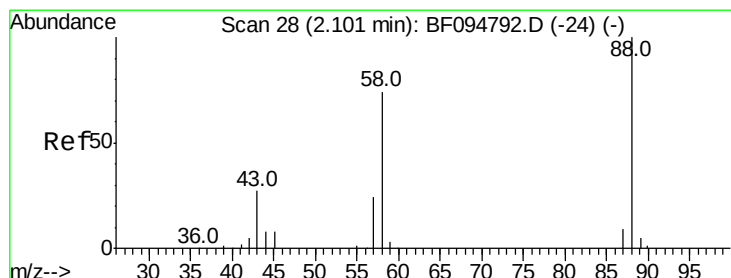
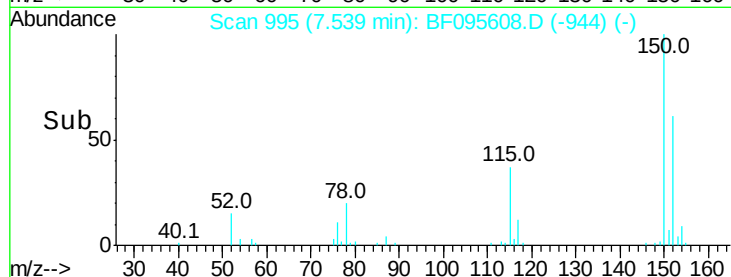
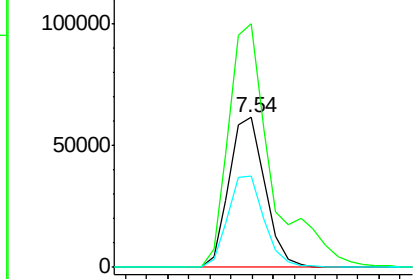
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 72431
Ion Ratio Lower Upper
152 100
150 162.8 126.2 189.2
115 60.6 52.2 78.2



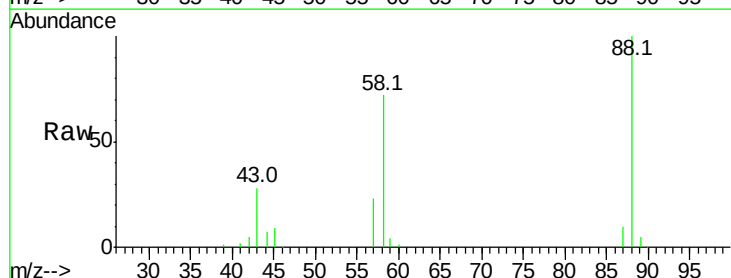
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



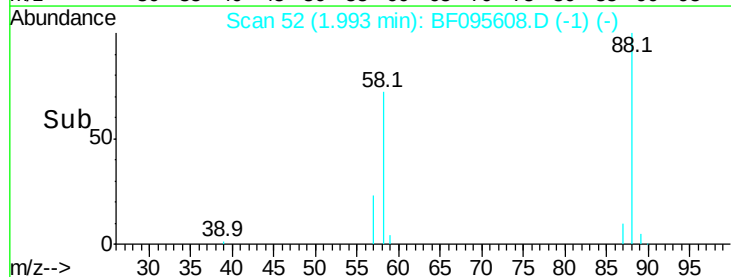
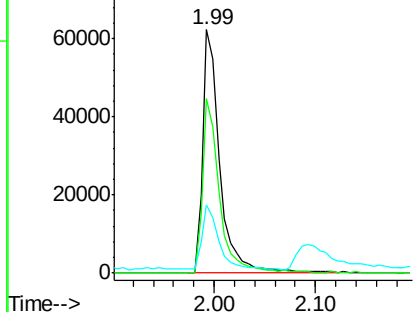
#2

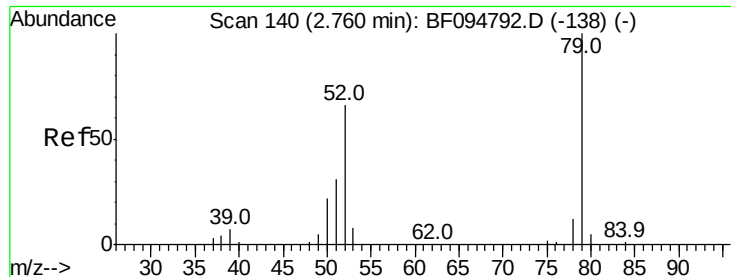
1,4-Dioxane
Concen: 34.49 ng
RT: 1.99 min Scan# 52
Delta R.T. 0.14 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion: 88 Resp: 73487
Ion Ratio Lower Upper
88 100
58 70.4 61.4 92.0
43 0.0 23.4 35.0#



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





#3

Pvridine

Concen: 18.78 ng

RT: 2.62 min Scan# 158

Delta R.T. 0.18 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampled :

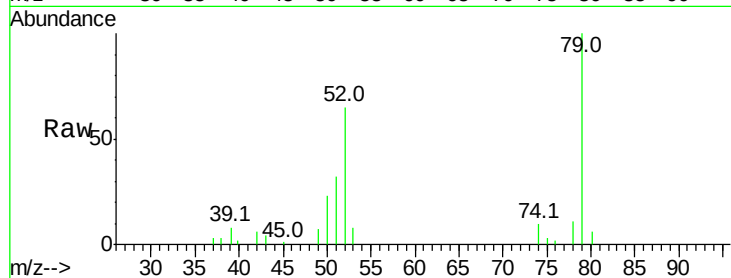
Tot Ion: 79 Resp: 92721

Ion Ratio Lower Upper

79 100

52 65.2 54.8 82.2

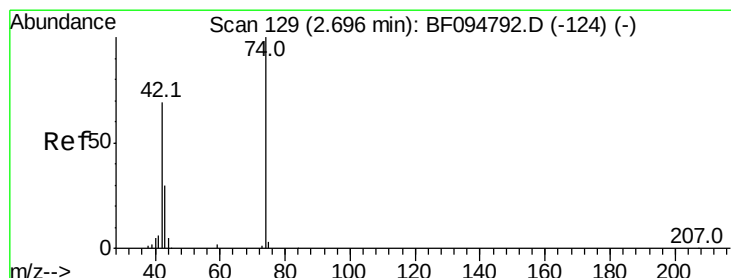
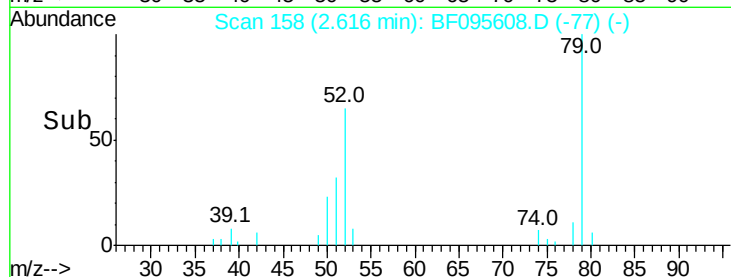
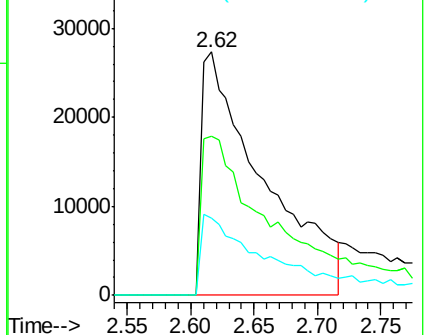
51 32.0 27.0 40.4



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



#4

n-Nitrosodimethylamine

Concen: 39.95 ng

RT: 2.52 min Scan# 141

Delta R.T. 0.10 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

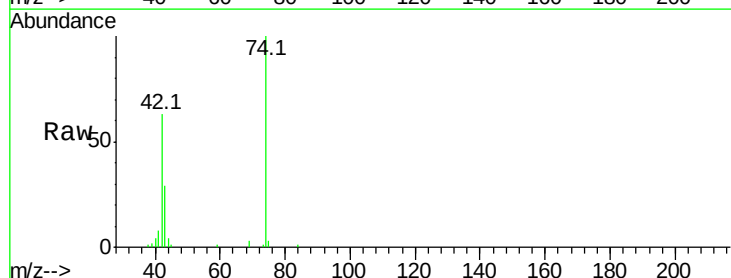
Tgt Ion: 42 Resp: 82241

Ion Ratio Lower Upper

42 100

74 158.7 103.9 155.9#

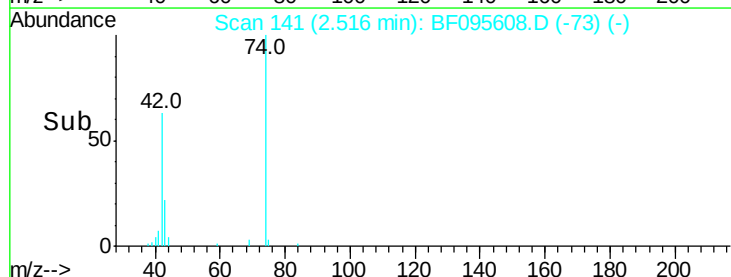
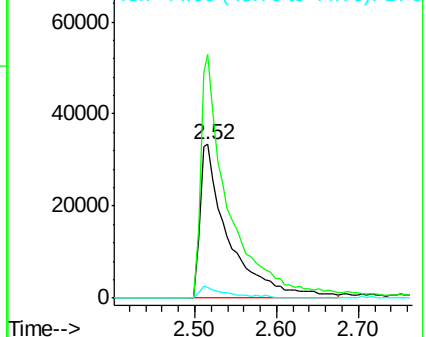
44 6.8 5.7 8.5

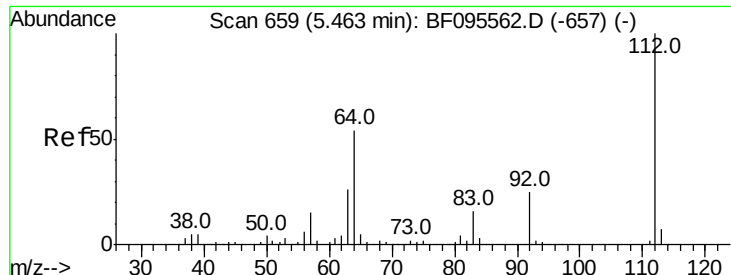


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 139.52 ng

RT: 5.47 min Scan# 644

Delta R.T. 0.03 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :
BNA_F
ClientSampleId :

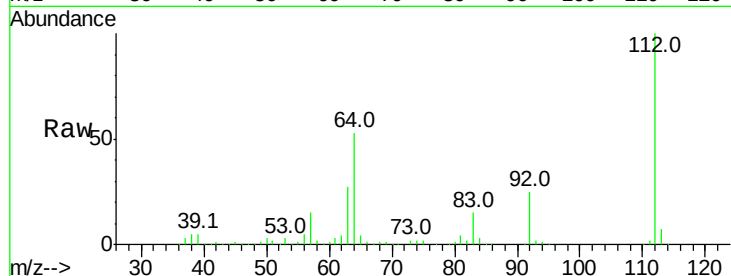
Tot Ion:112 Resp: 606118

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

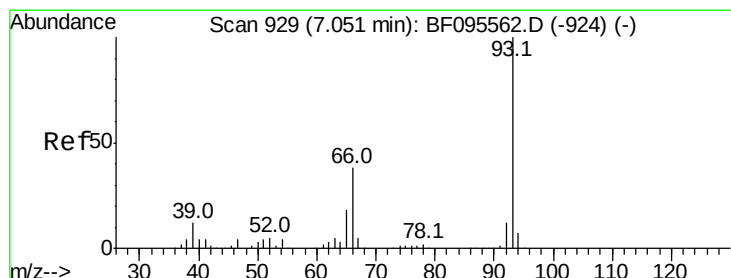
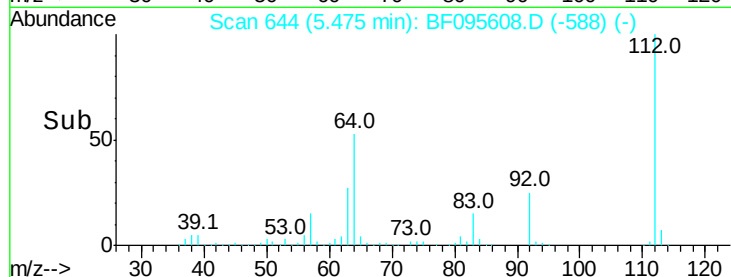
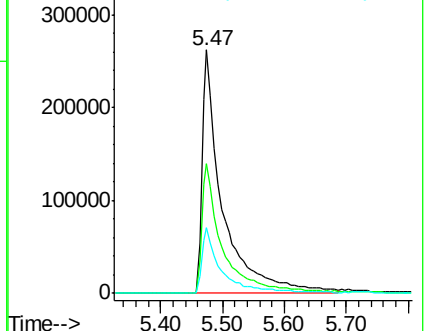
63 26.9 23.4 35.0



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: 18.95 ng

RT: 7.05 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

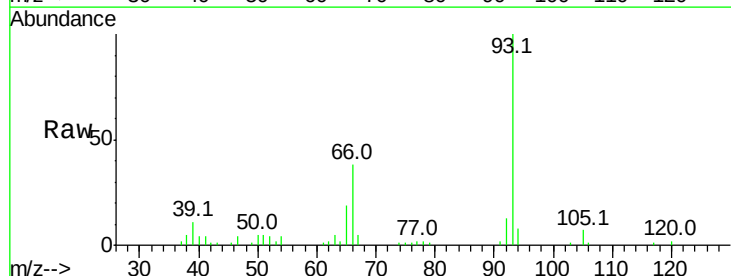
Tgt Ion: 93 Resp: 124671

Ion Ratio Lower Upper

93 100

66 37.6 32.9 49.3

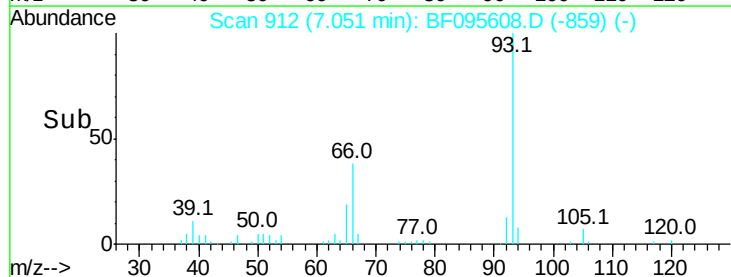
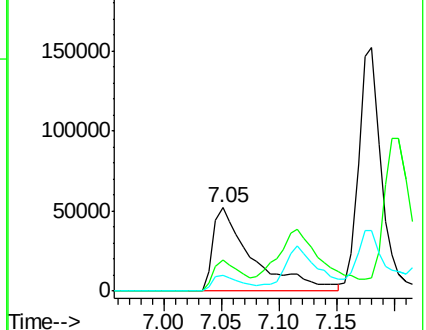
65 19.0 16.0 24.0

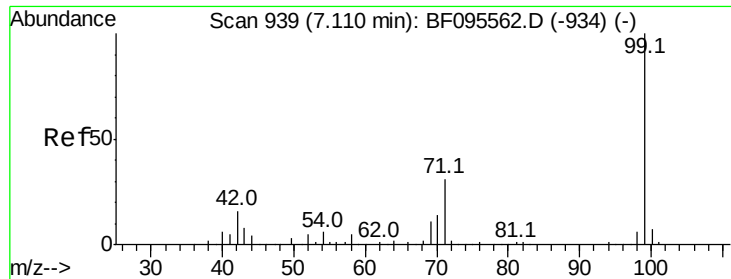


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.38 ng

RT: 7.10 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampled :

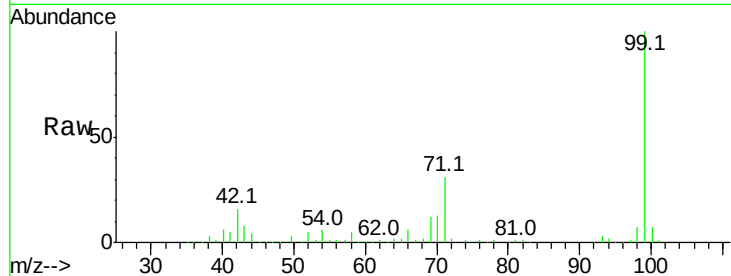
Tot Ion: 99 Resp: 705706

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

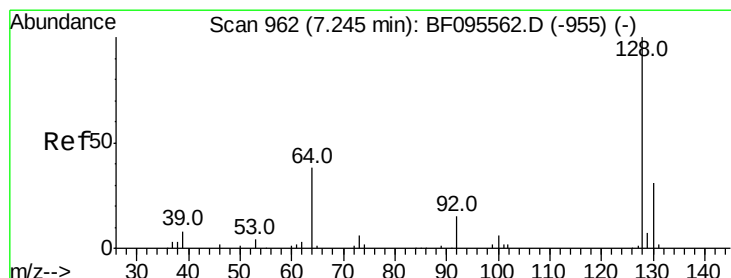
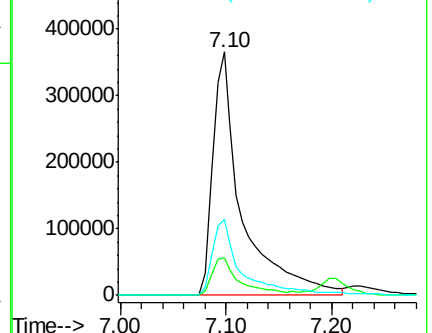
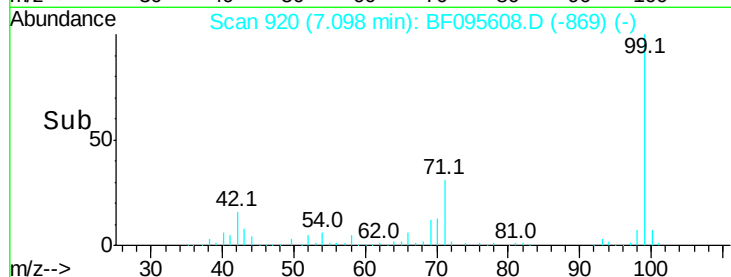
71 31.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.23 ng

RT: 7.23 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

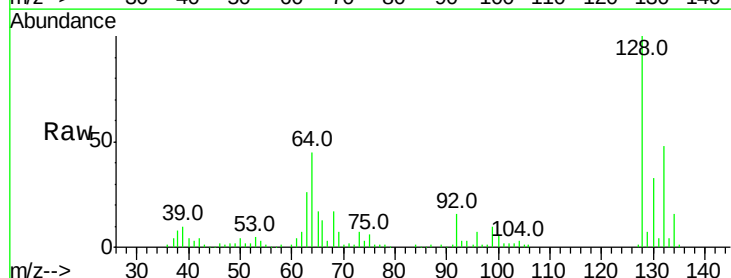
Tgt Ion: 128 Resp: 233538

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

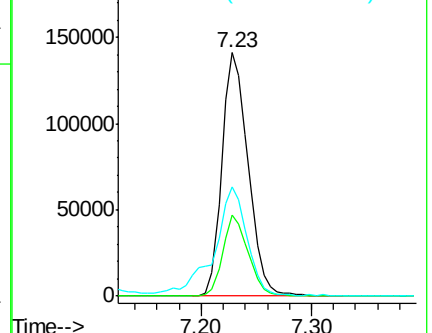
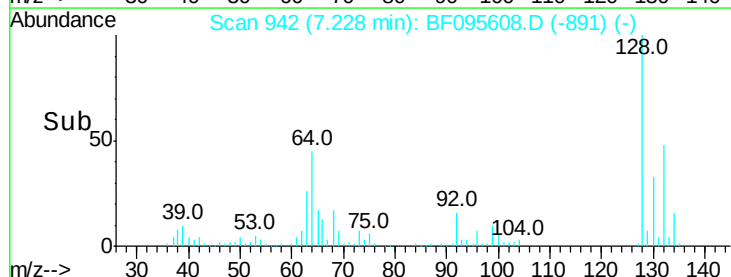
64 44.8 28.4 68.4

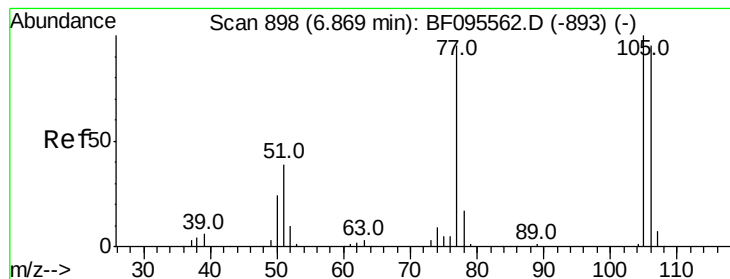


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.44 ng

RT: 6.89 min Scan# 885

Delta R.T. 0.04 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampled :

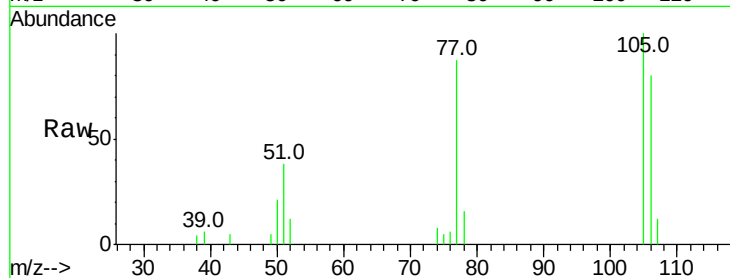
Tot Ion: 77 Resp: 23683

Ion Ratio Lower Upper

77 100

105 115.5 83.8 123.8

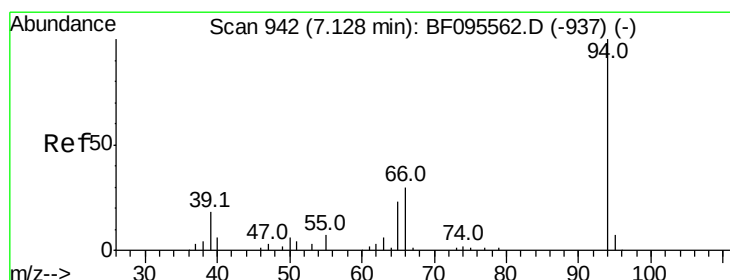
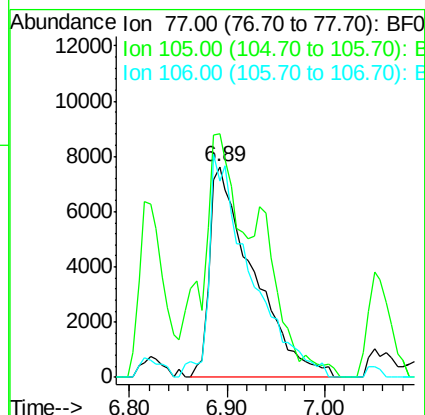
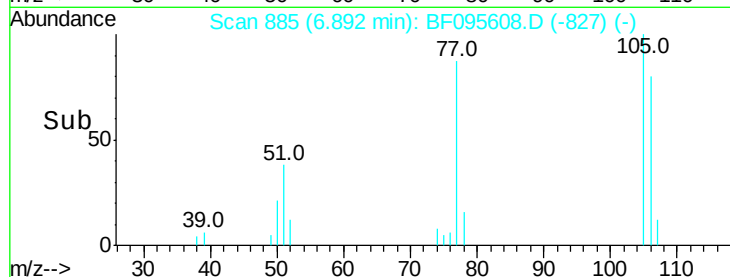
106 93.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.59 ng

RT: 7.12 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

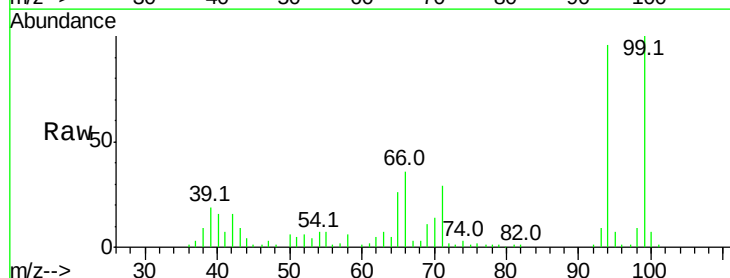
Tgt Ion: 94 Resp: 266877

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

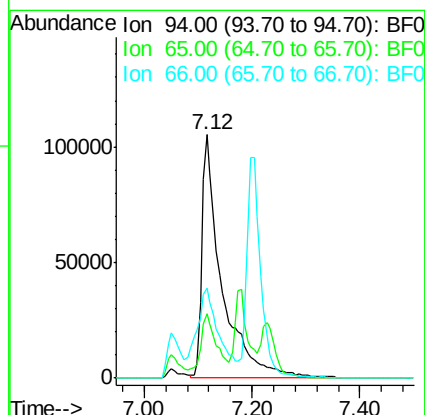
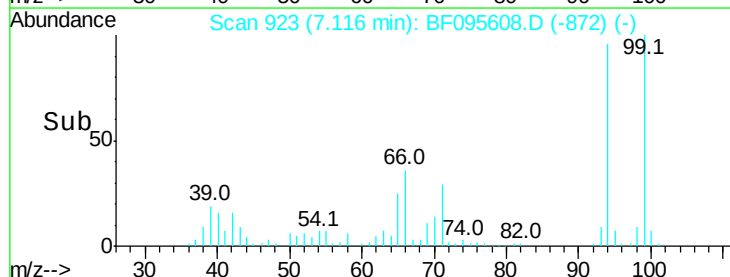
66 37.0 23.1 63.1

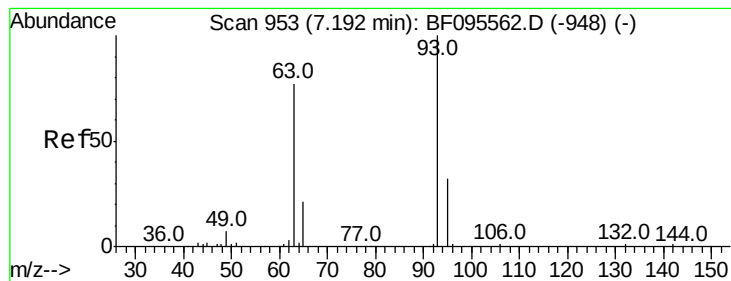


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

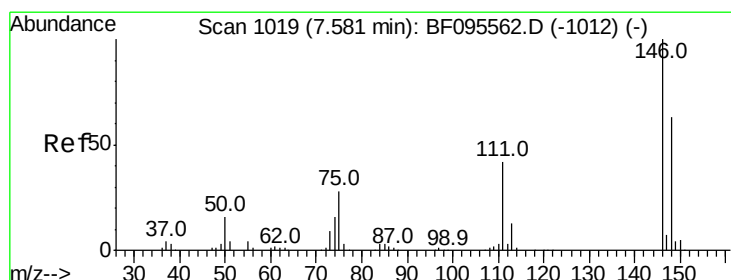
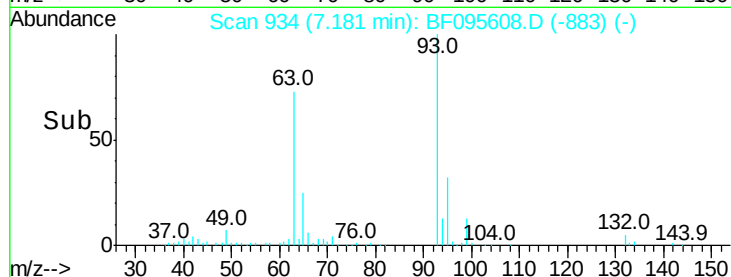
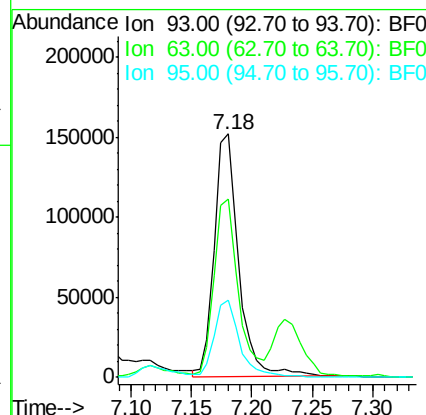
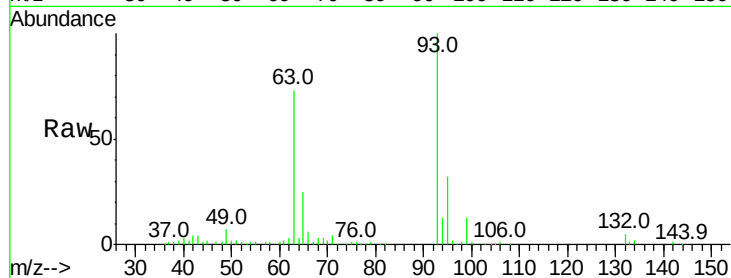




#11
bis(2-Chloroethyl)ether
Concen: 46.46 ng
RT: 7.18 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

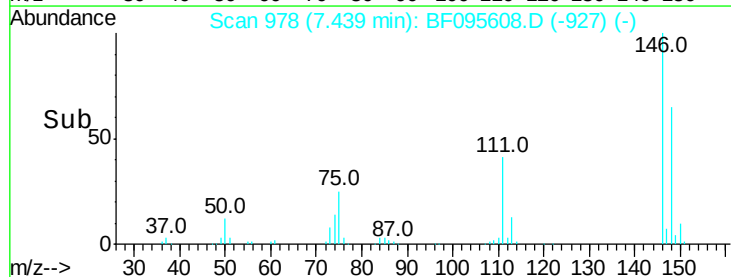
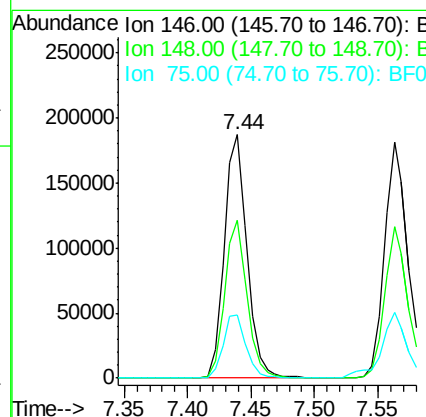
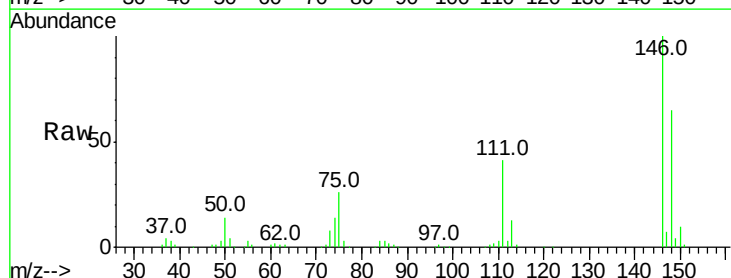
Instrument :
BNA_F
ClientSampleId :

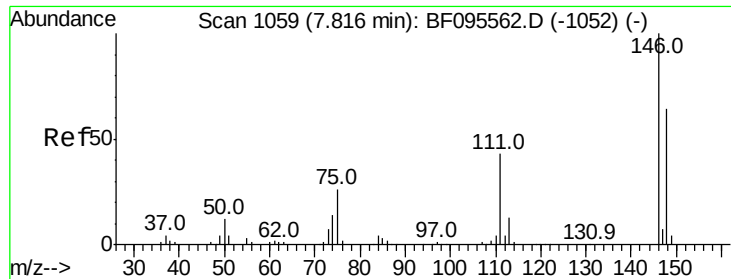
Tot Ion: 93 Resp: 210693
Ion Ratio Lower Upper
93 100
63 73.3 59.2 99.2
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.46 ng
RT: 7.44 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion: 146 Resp: 232552
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
75 25.7 23.1 34.7

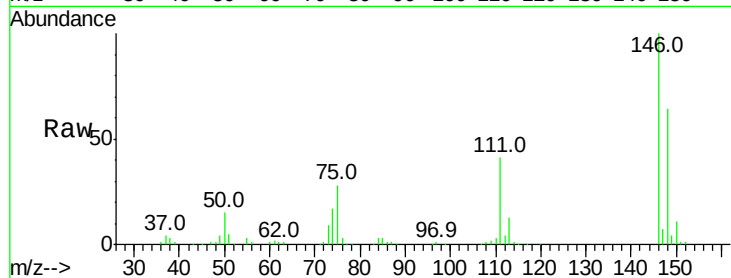




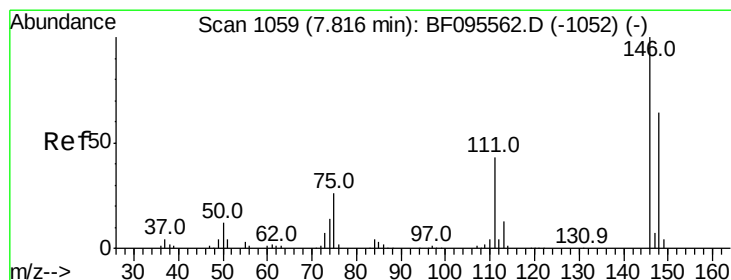
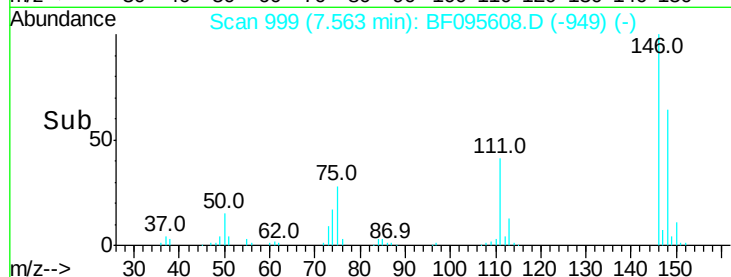
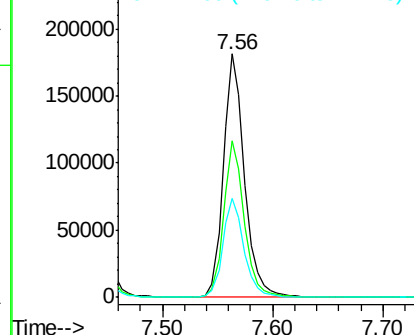
#13
 1,4-Dichlorobenzene
 Concen: 42.36 ng
 RT: 7.56 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 240946
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 40.8 30.3 45.5

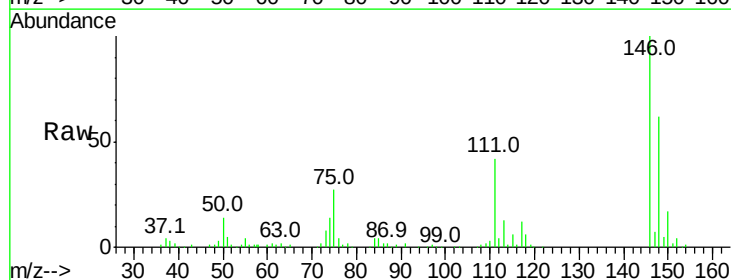


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

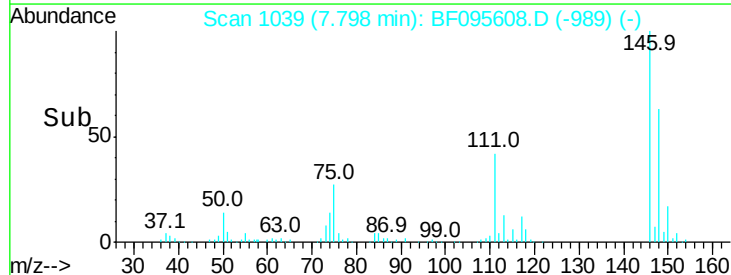
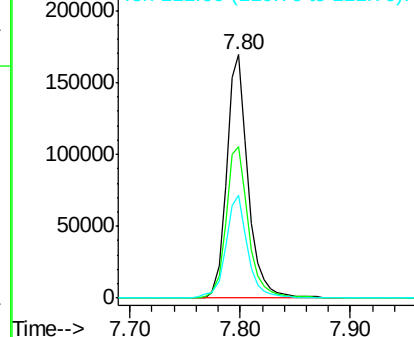


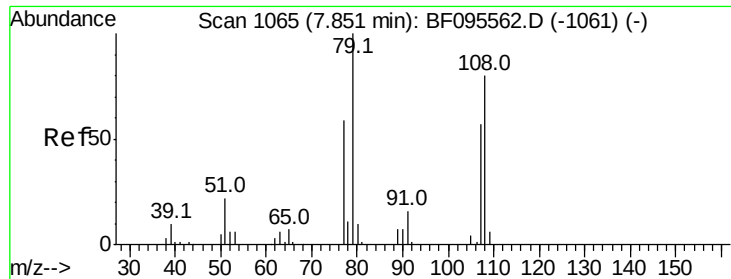
#14
 1,2-Dichlorobenzene
 Concen: 43.03 ng
 RT: 7.80 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:146 Resp: 228481
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.4 75.6
 111 42.1 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: 58.63 ng

RT: 7.84 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampled :

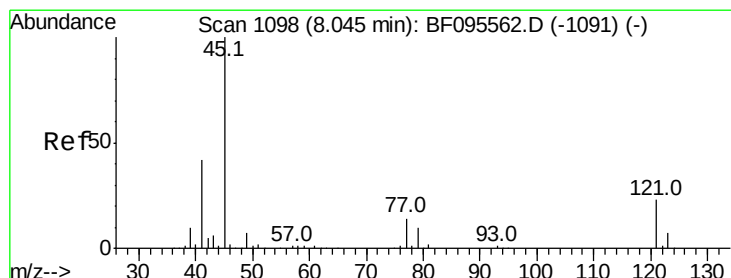
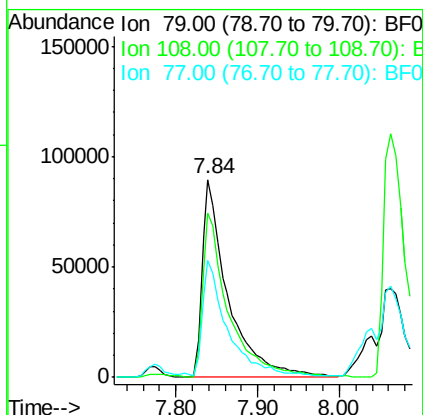
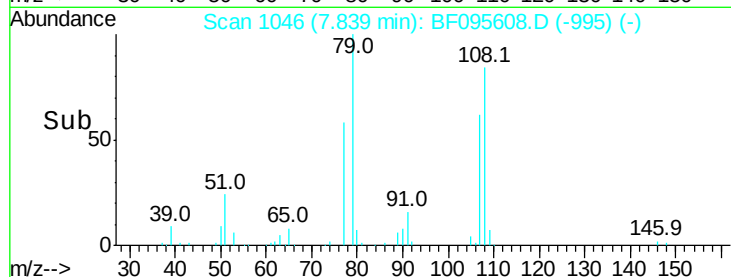
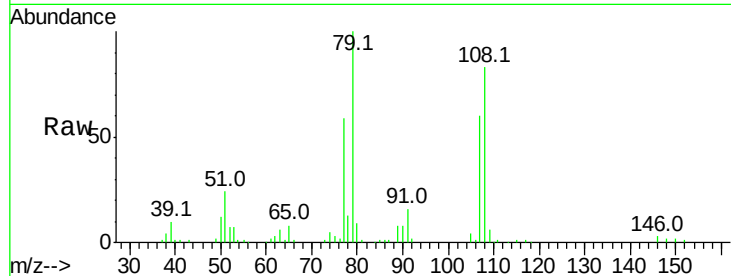
Tot Ion: 79 Resp: 196560

Ion Ratio Lower Upper

79 100

108 82.9 63.4 95.0

77 58.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.66 ng

RT: 8.04 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

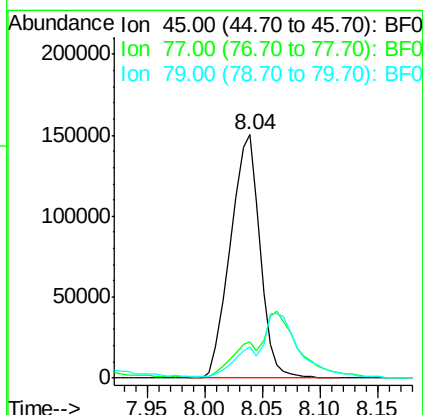
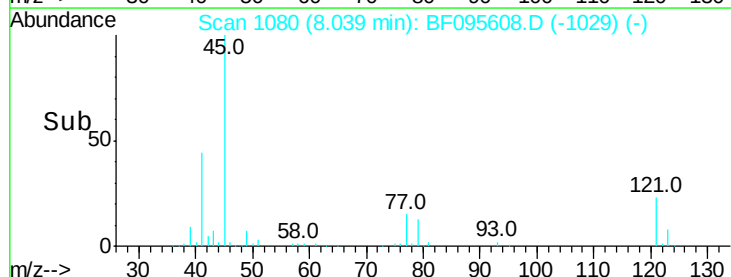
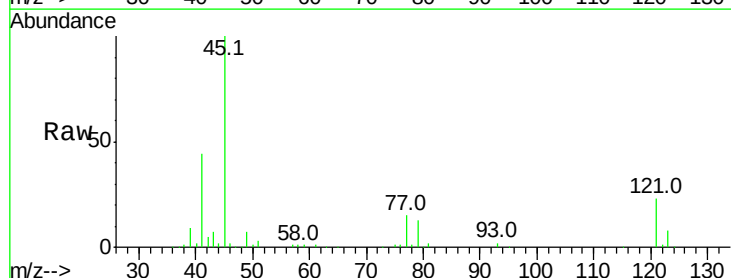
Tgt Ion: 45 Resp: 267389

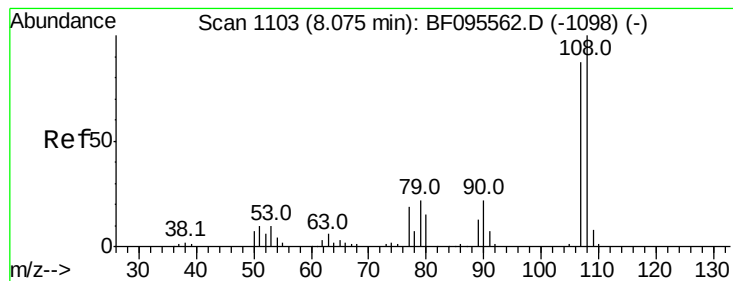
Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.2

79 12.6 0.0 30.0

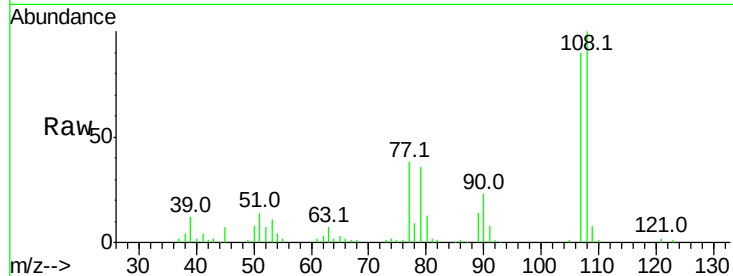




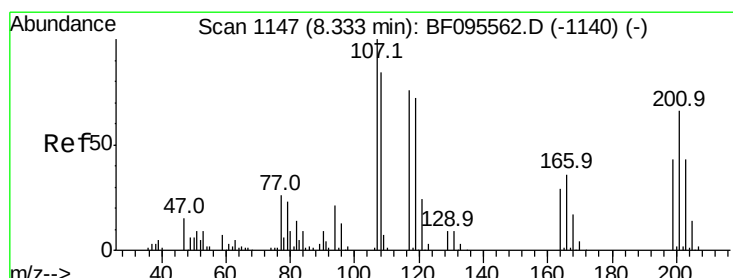
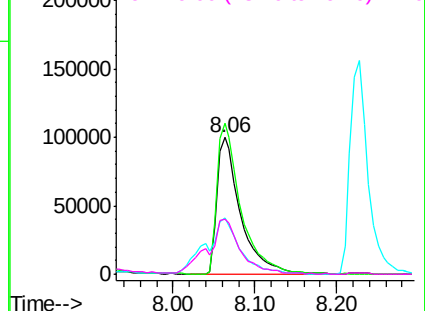
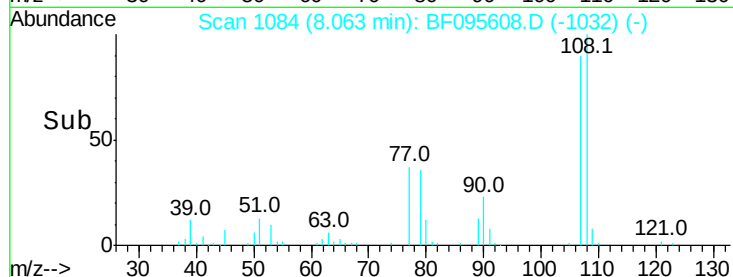
#17
2-Methylphenol
Concen: 49.75 ng
RT: 8.06 min Scan# 1084
Delta R.T. 0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 201306
Ion Ratio Lower Upper
107 100
108 110.5 93.4 140.0
77 41.6 35.8 53.6
79 40.2 34.8 52.2

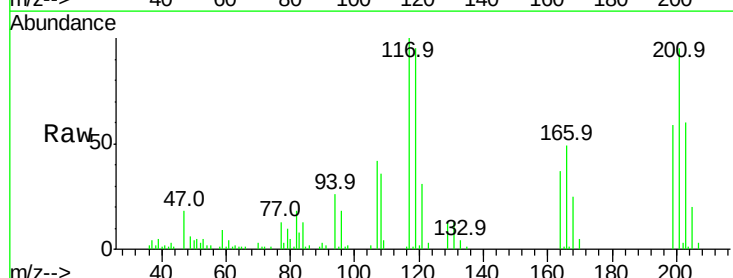


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

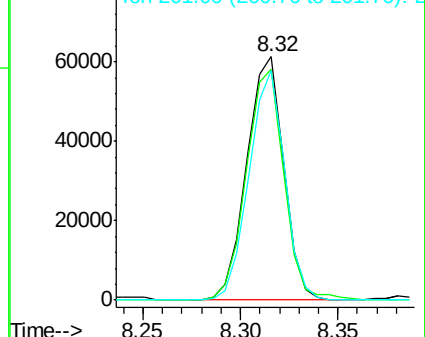
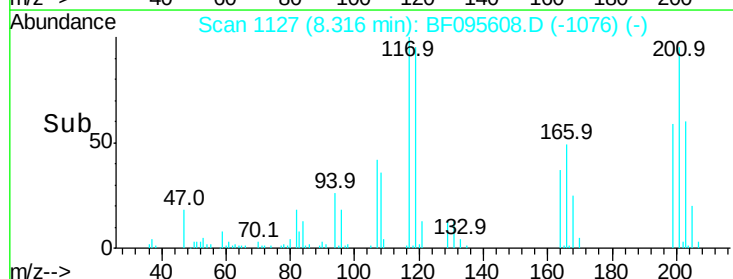


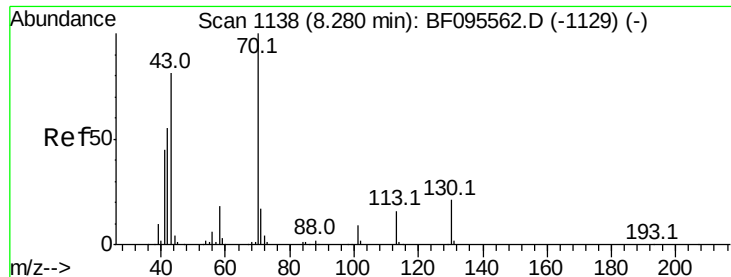
#18
Hexachloroethane
Concen: 41.77 ng
RT: 8.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion:117 Resp: 80498
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
201 94.5 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

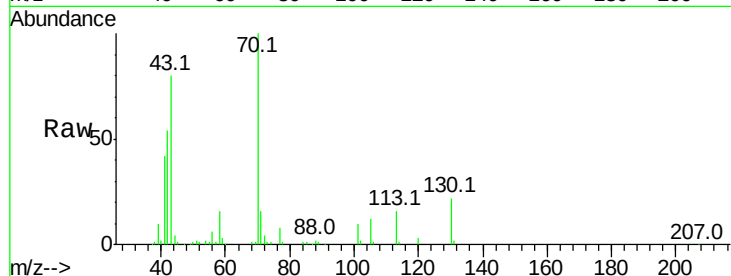




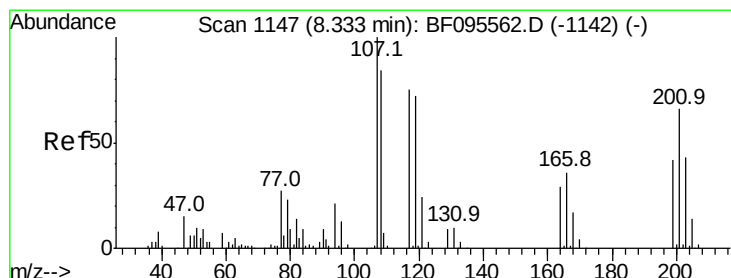
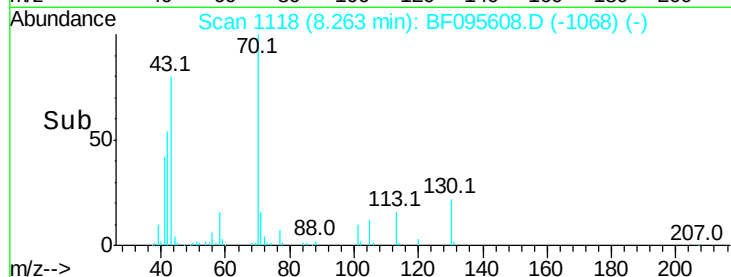
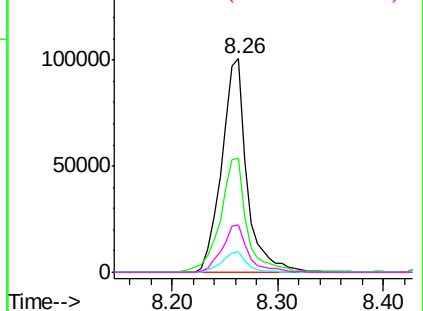
#19
n-Nitroso-di-n-propylamine
Concen: 47.40 ng
RT: 8.26 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 167101
Ion Ratio Lower Upper
70 100
42 53.5 47.2 70.8
101 9.7 7.2 10.8
130 22.1 15.9 23.9

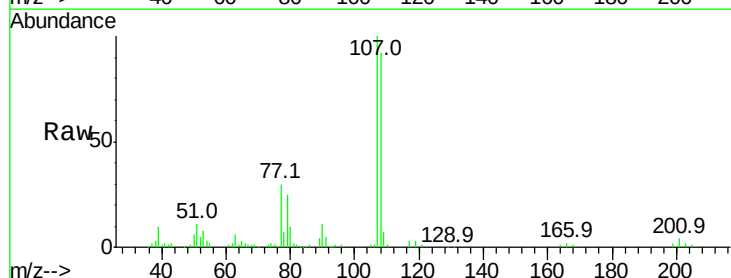


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

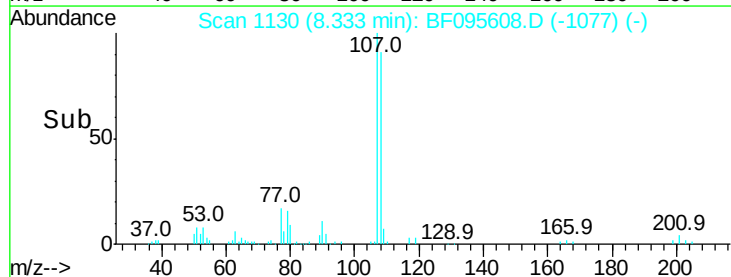
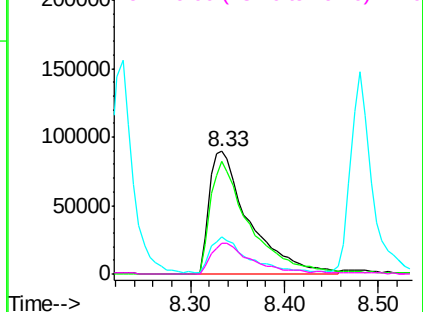


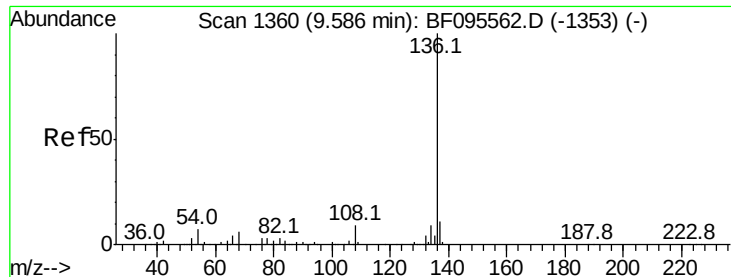
#20
3+4-Methylphenols
Concen: 48.33 ng
RT: 8.33 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion: 107 Resp: 265750
Ion Ratio Lower Upper
107 100
108 91.6 71.0 111.0
77 29.9 90.5 130.5#
79 25.2 8.4 48.4



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

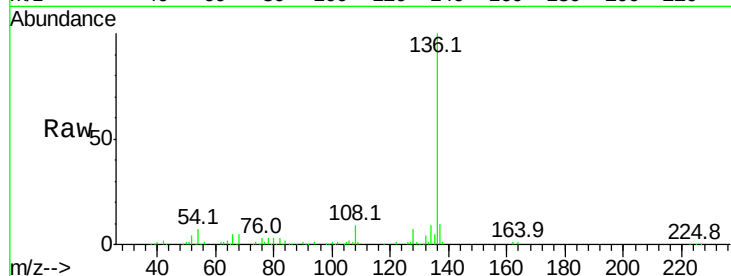




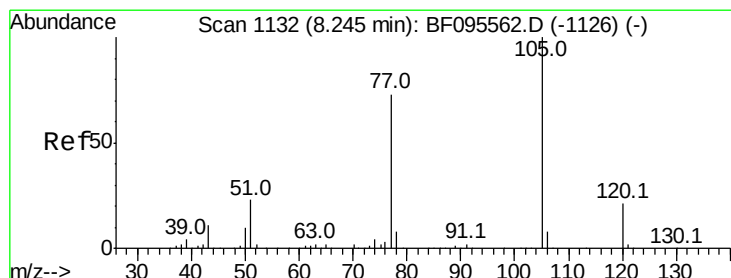
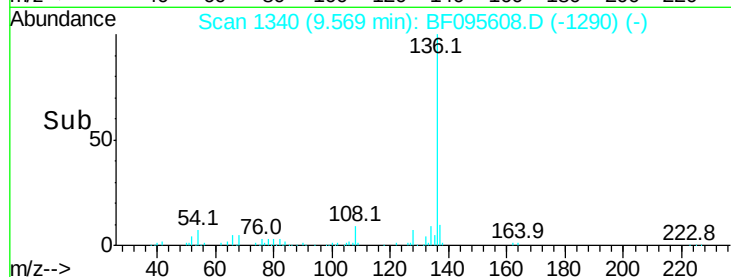
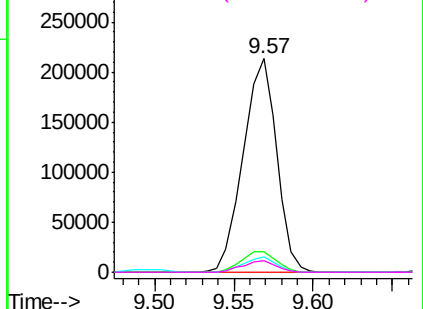
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	312832
Ion Ratio	Lower	Upper
136	100	
137	9.6	8.5 12.7
54	7.0	4.9 7.3
68	5.3	4.1 6.1

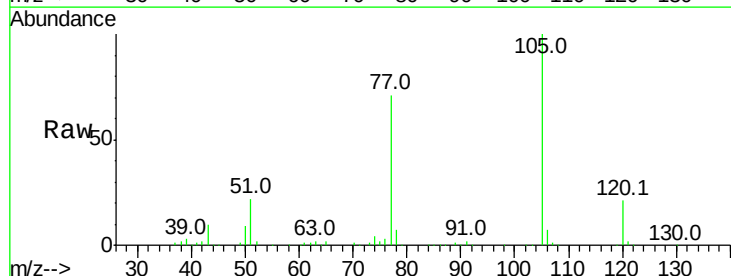


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

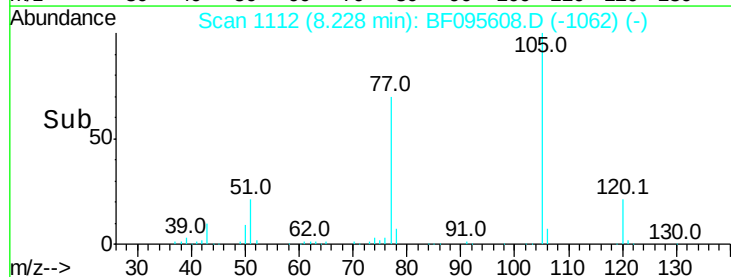
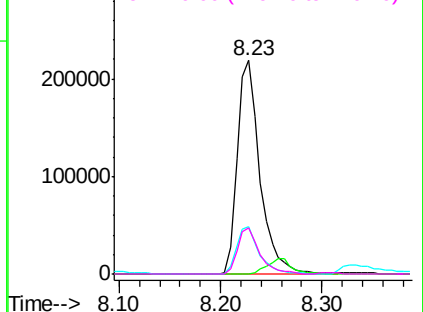


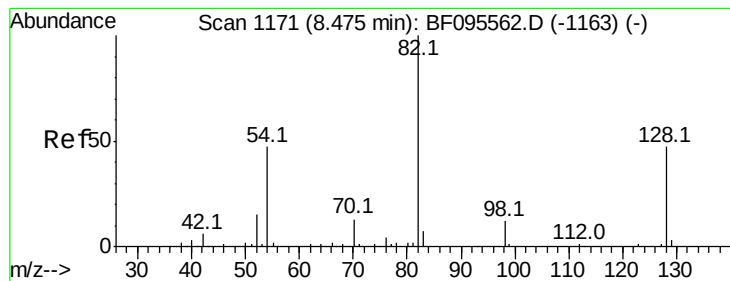
#22
Acetophenone
Concen: 45.26 ng
RT: 8.23 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion:105	Resp:	339705
Ion Ratio	Lower	Upper
105	100	
71	0.2	2.8 4.2#
51	22.1	30.7 46.1#
120	21.4	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: 93.32 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

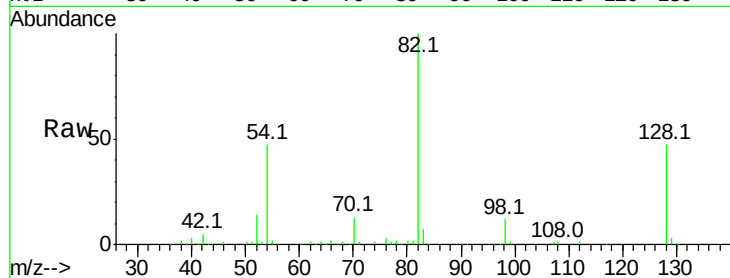
Tot Ion: 82 Resp: 462957

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

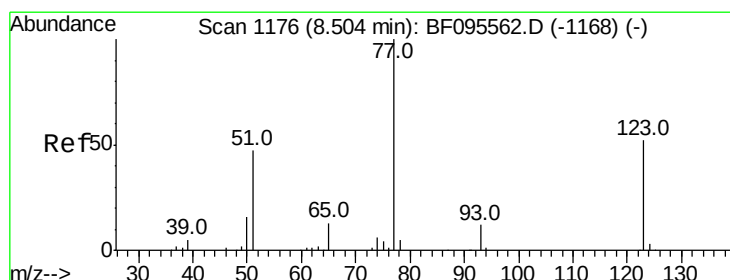
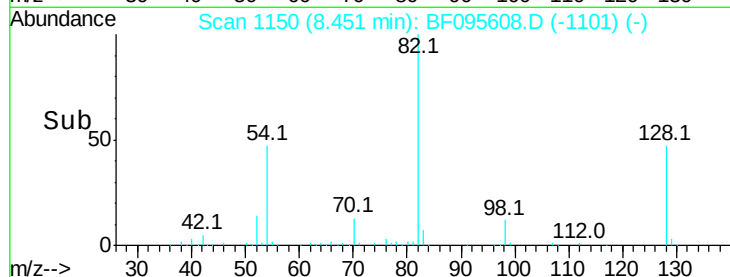
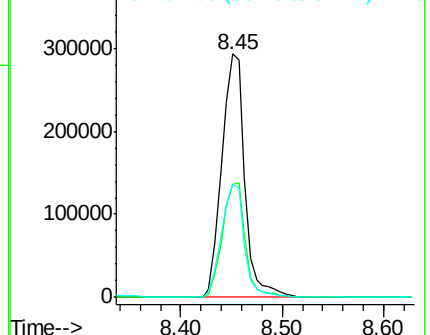
54 46.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.12 ng

RT: 8.48 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

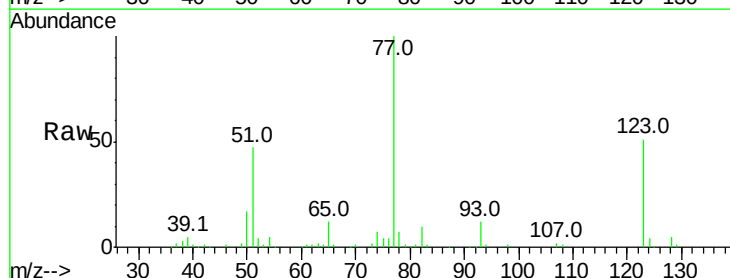
Tgt Ion: 77 Resp: 229430

Ion Ratio Lower Upper

77 100

123 50.9 35.8 53.8

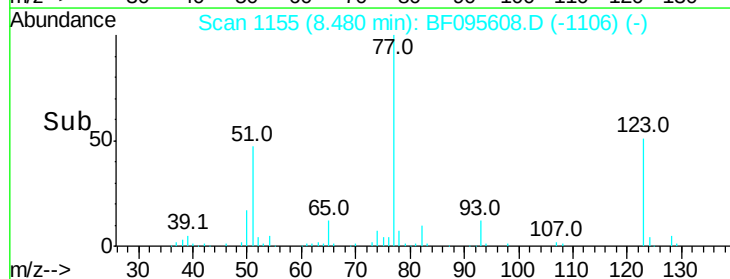
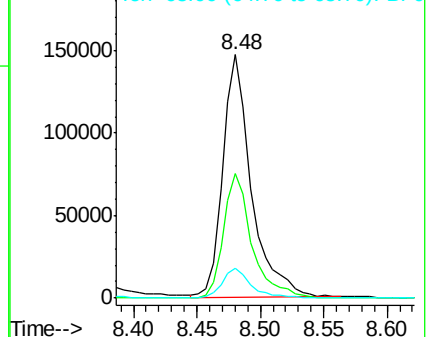
65 12.5 10.6 15.8

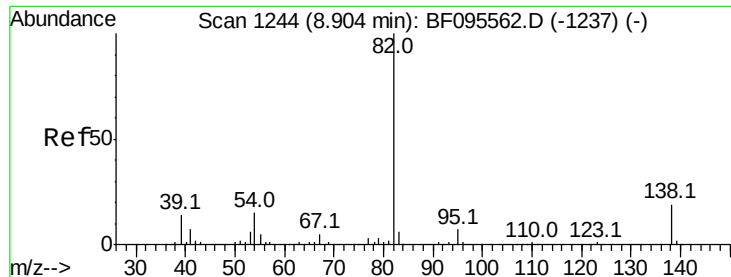


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.68 ng

RT: 8.89 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

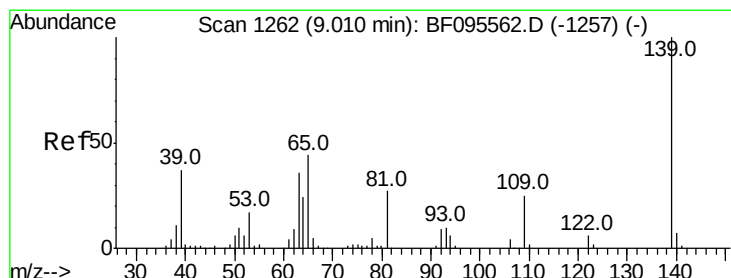
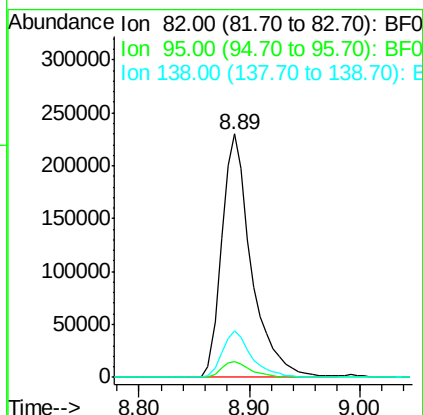
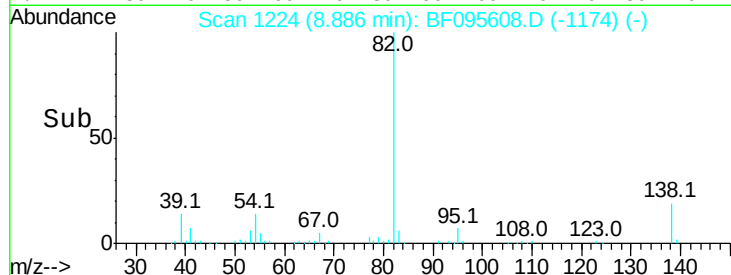
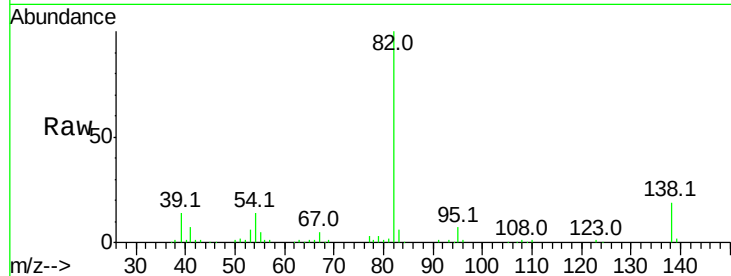
Tot Ion: 82 Resp: 431234

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 47.39 ng

RT: 8.99 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

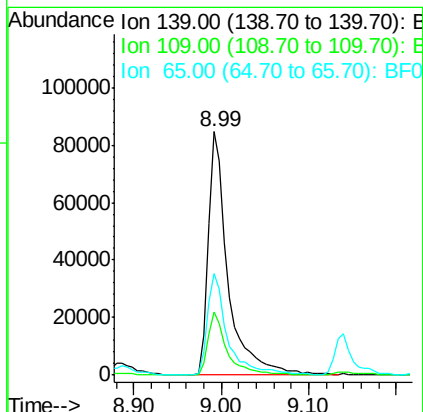
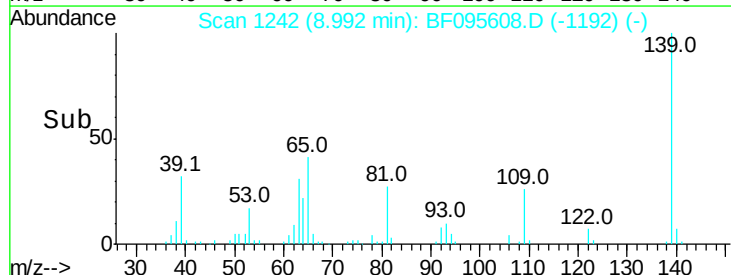
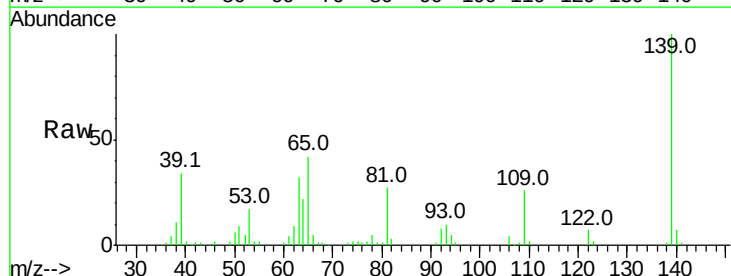
Tgt Ion:139 Resp: 132979

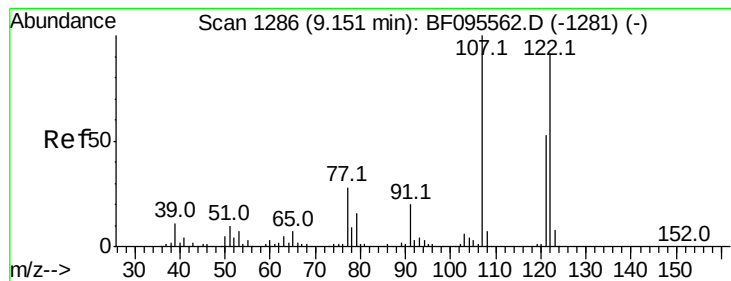
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 41.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 52.10 ng

RT: 9.14 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampled :

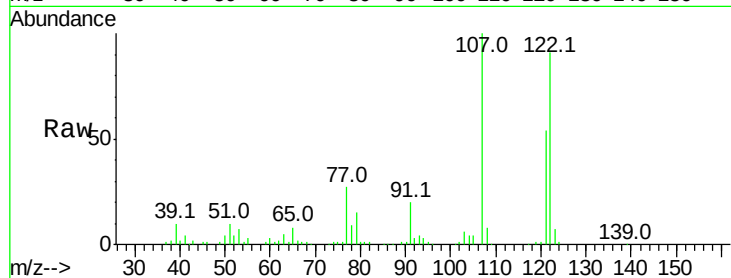
Tot Ion:122 Resp: 236376

Ion Ratio Lower Upper

122 100

107 109.6 89.2 133.8

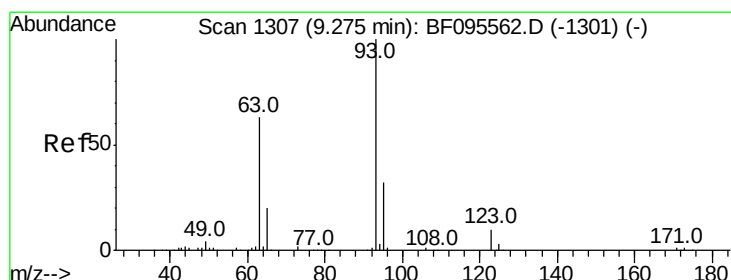
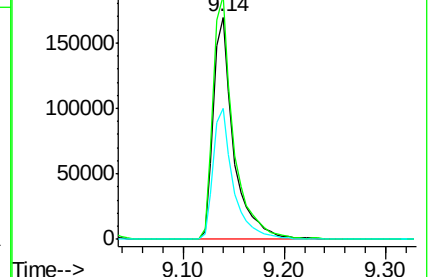
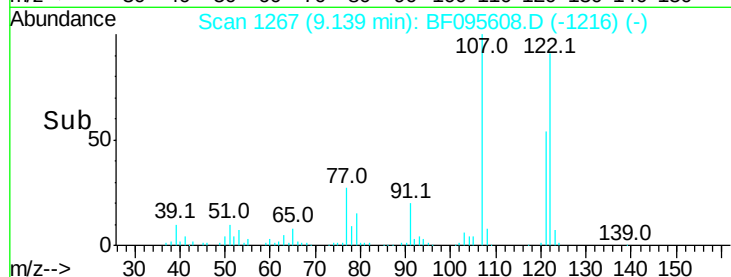
121 59.1 45.2 67.8



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: 45.18 ng

RT: 9.26 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

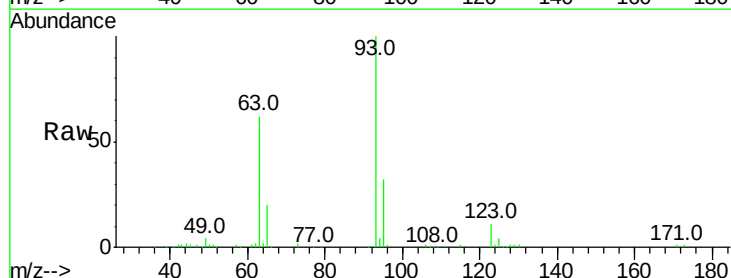
Tgt Ion: 93 Resp: 276863

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

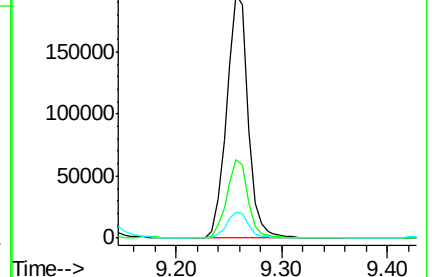
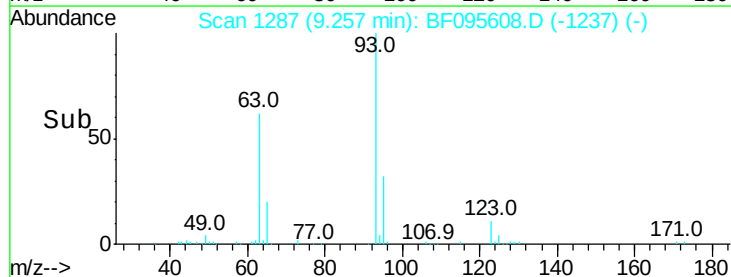
123 10.8 9.0 13.4

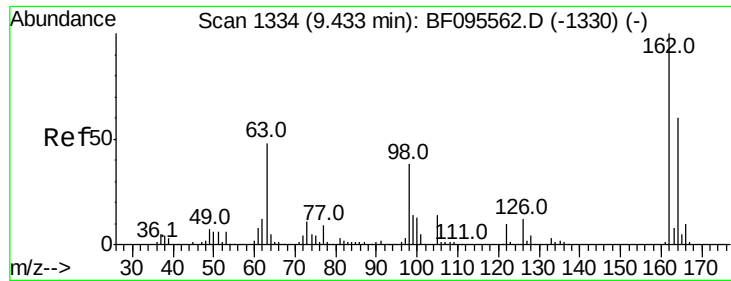


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

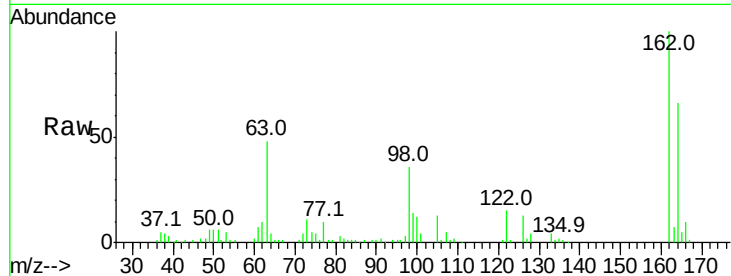




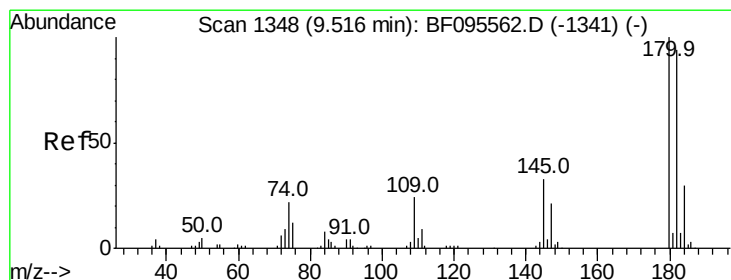
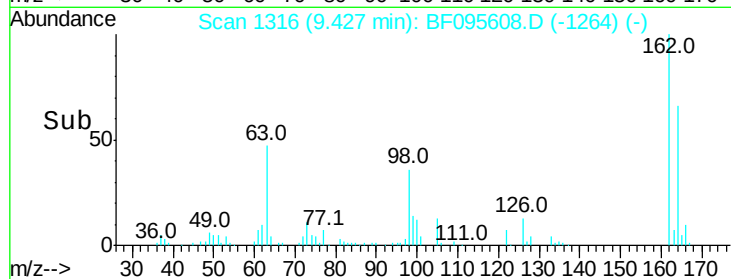
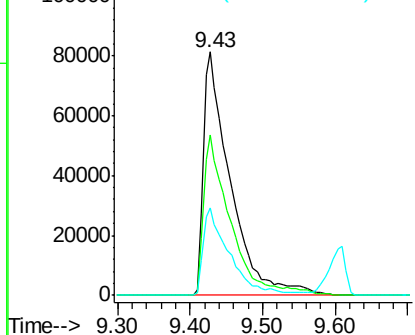
#29
 2,4-Dichlorophenol
 Concen: 48.79 ng
 RT: 9.43 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.6	84.6
98	35.8	14.8	54.8

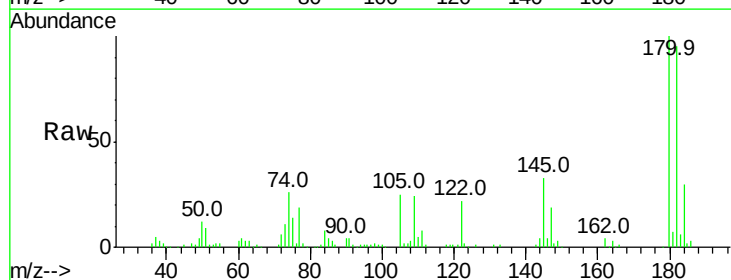


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

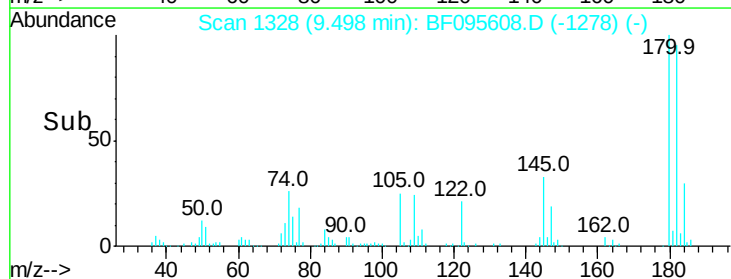
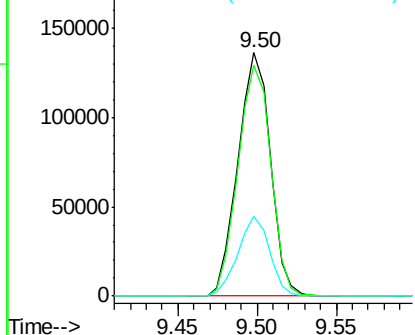


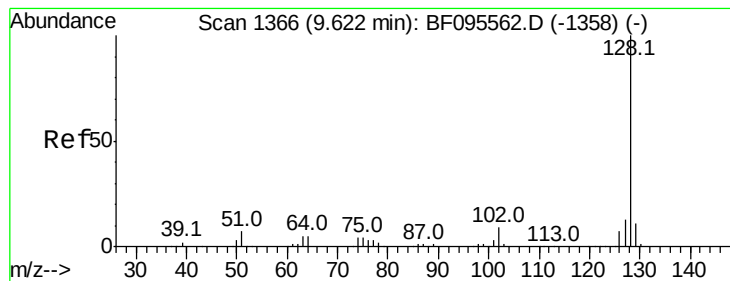
#30
 1,2,4-Trichlorobenzene
 Concen: 42.13 ng
 RT: 9.50 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	32.5	25.3	37.9



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





#31

Naphthalene

Concen: 135.96 ng

RT: 9.61 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

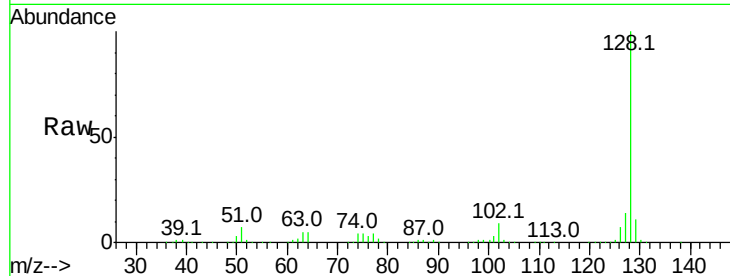
Tot Ion:128 Resp: 2137653

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

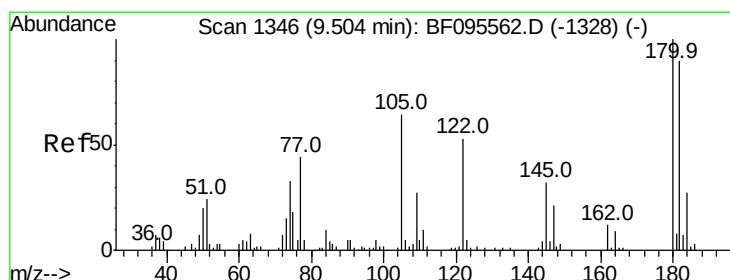
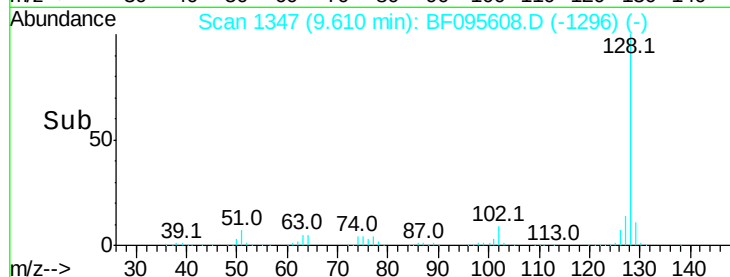
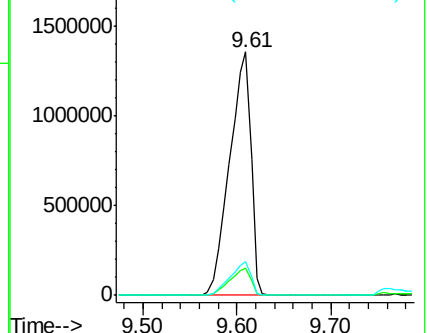
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.03 ng

RT: 9.50 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

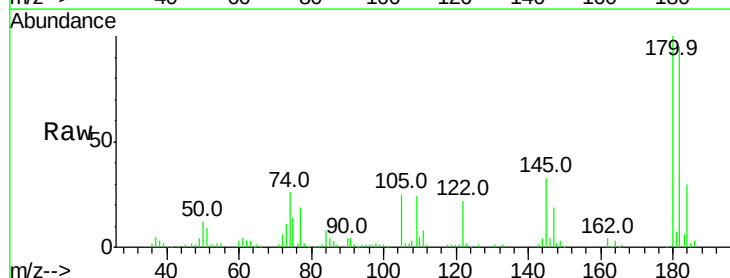
Tgt Ion:122 Resp: 136421

Ion Ratio Lower Upper

122 100

105 115.7 103.3 143.3

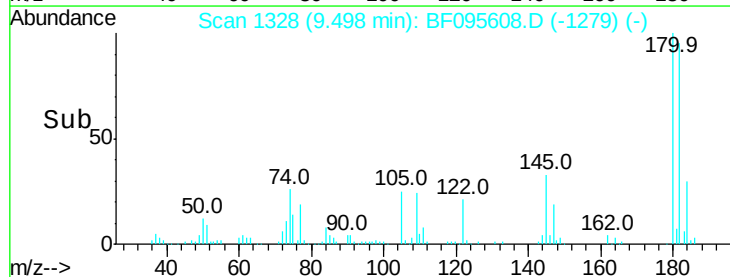
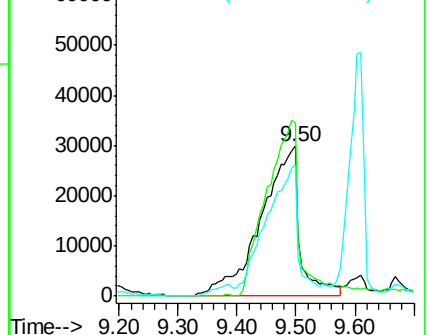
77 87.1 73.7 113.7

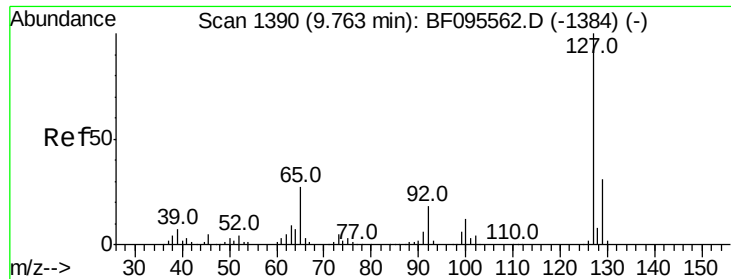


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

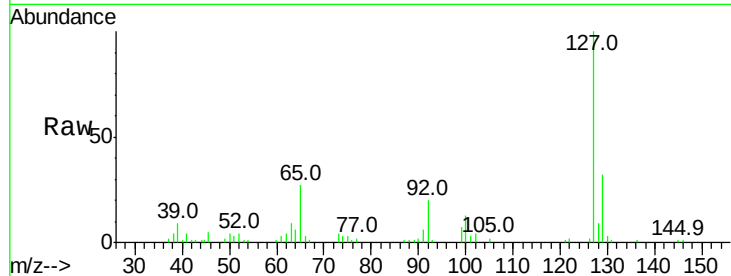




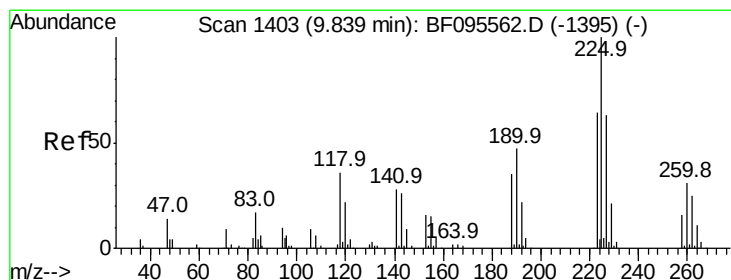
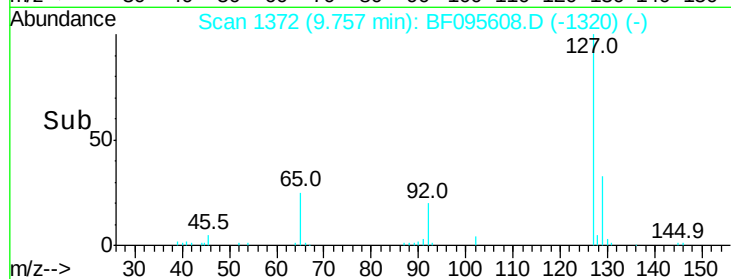
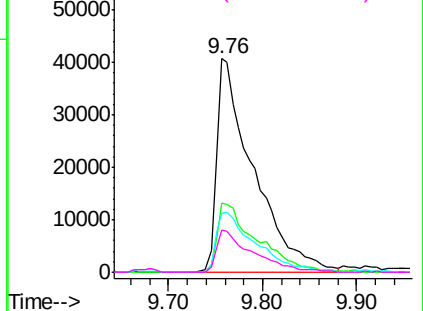
#33
 4-Chloroaniline
 Concen: 18.86 ng
 RT: 9.76 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	110486
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	27.4	27.8	41.8#
92	20.1	16.8	25.2

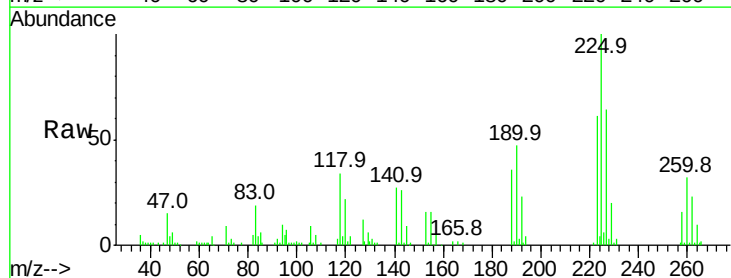


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

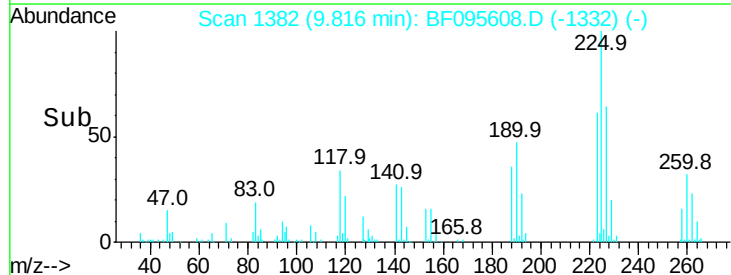
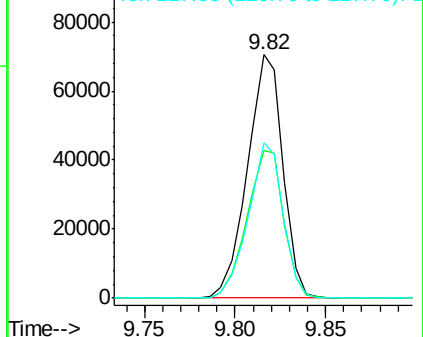


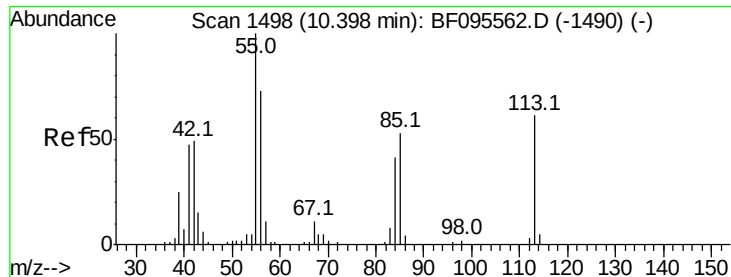
#34
 Hexachlorobutadiene
 Concen: 39.52 ng
 RT: 9.82 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:	225	Resp:	95700
Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.8	73.2
227	64.0	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: 24.34 ng

RT: 10.39 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampled :

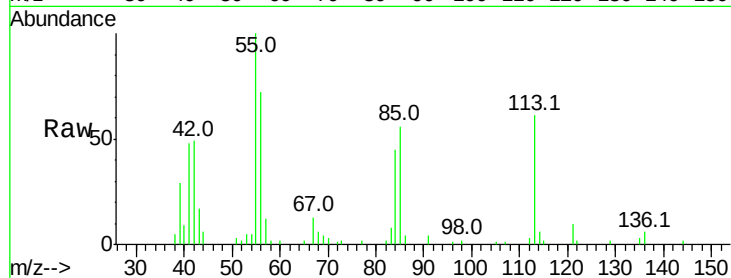
Tot Ion:113 Resp: 31305

Ion Ratio Lower Upper

113 100

55 163.3 150.2 190.2

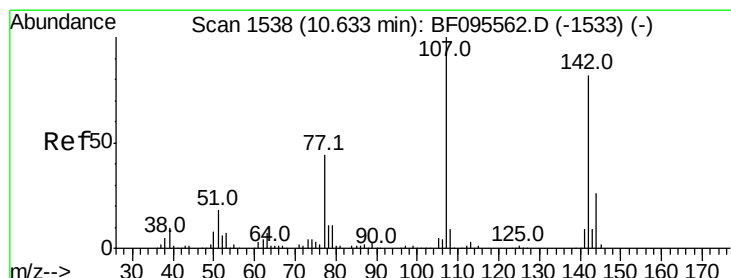
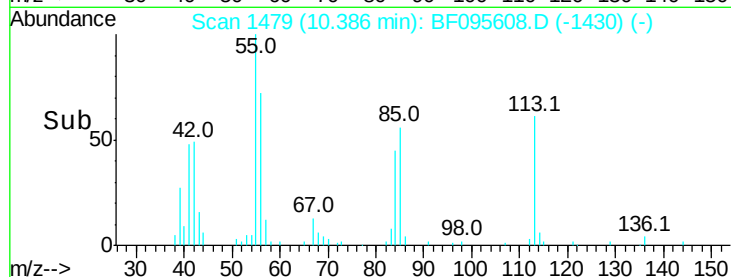
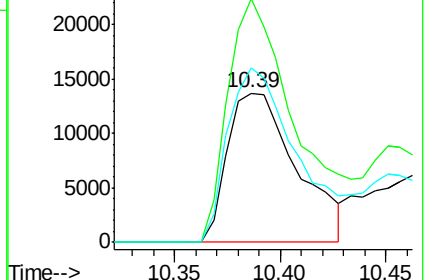
56 116.8 107.8 147.8



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: 49.44 ng

RT: 10.62 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

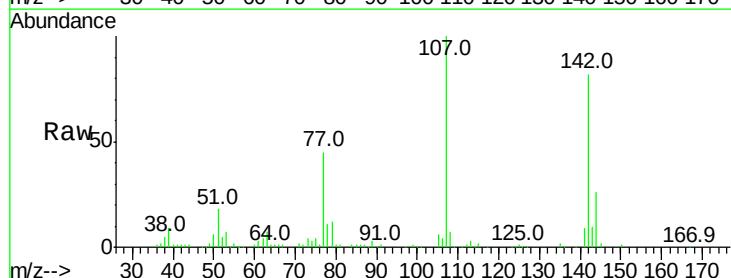
Tgt Ion:107 Resp: 226435

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

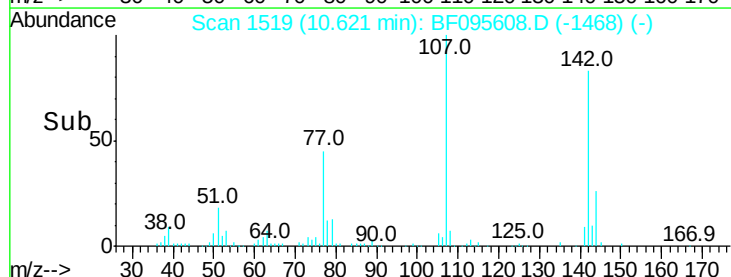
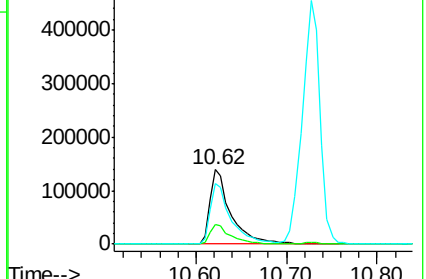
142 82.5 73.4 110.0

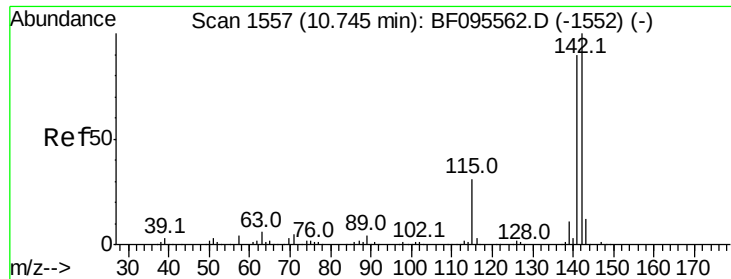


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

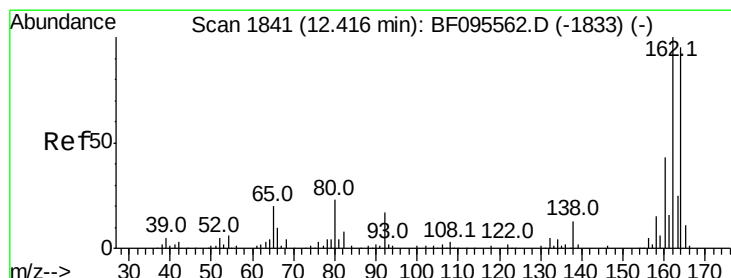
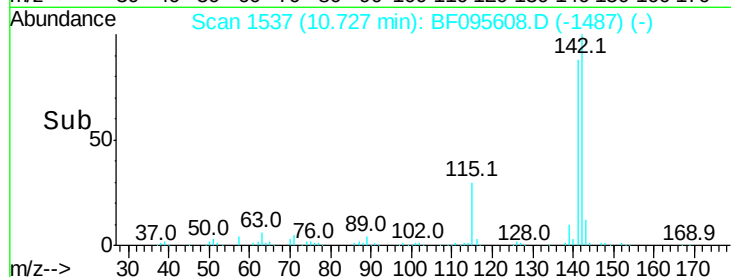
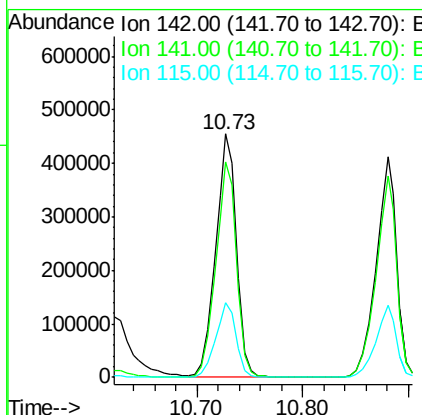
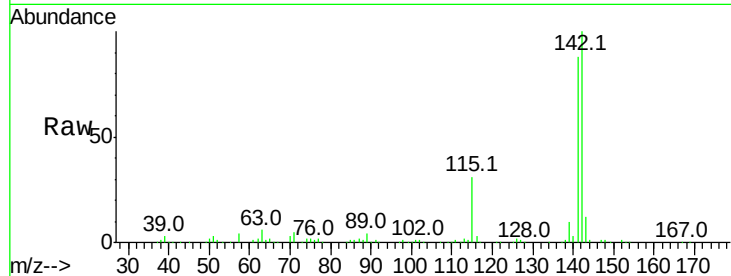




#37
 2-Methylnaphthalene
 Concen: 60.96 ng
 RT: 10.73 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

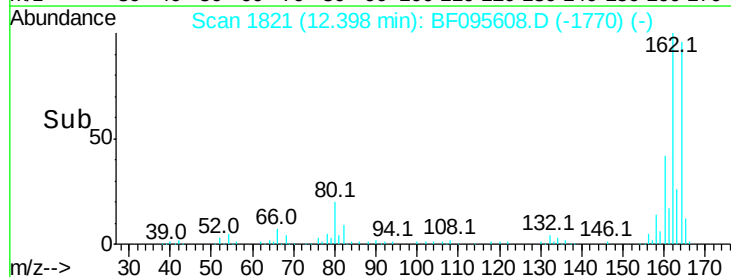
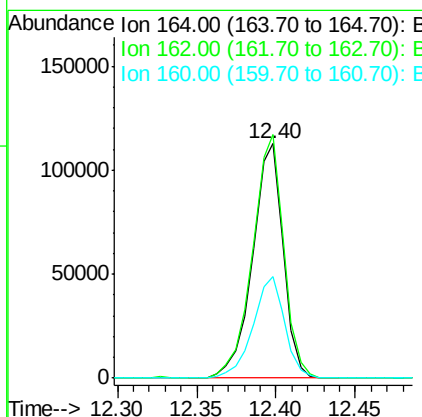
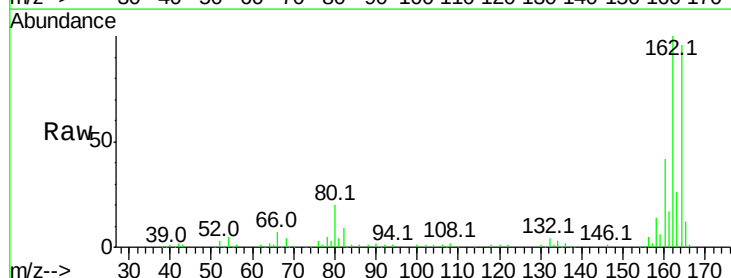
Instrument :
 BNA_F
 ClientSampleID :

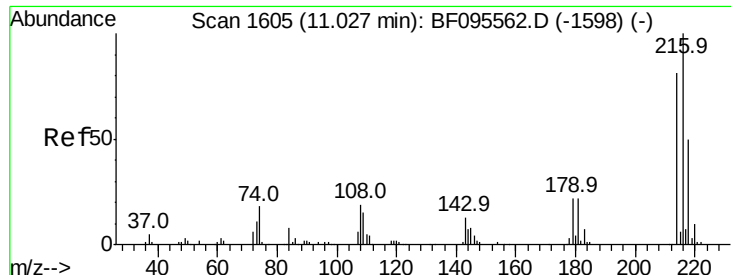
Tot Ion:142 Resp: 629089
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.3 106.9
 115 30.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.40 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:164 Resp: 151176
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 43.6 36.2 54.2

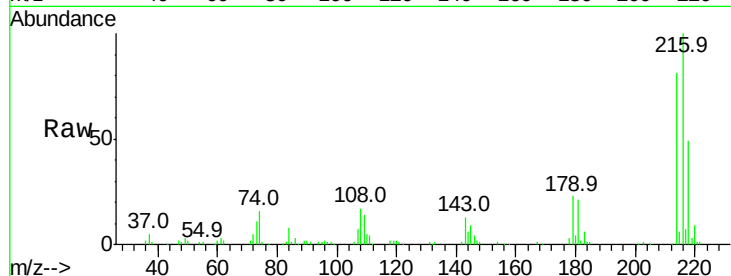




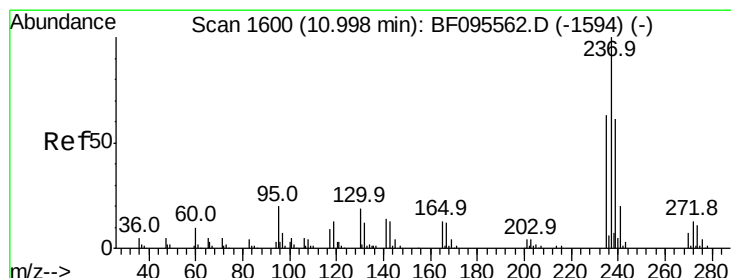
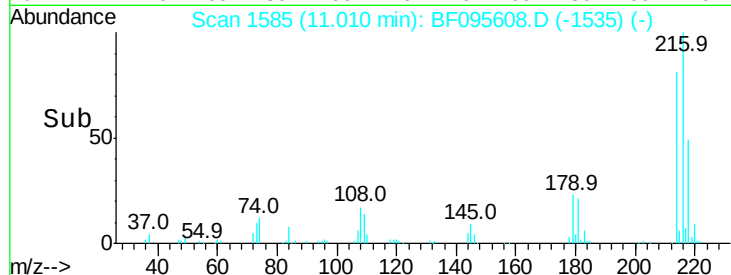
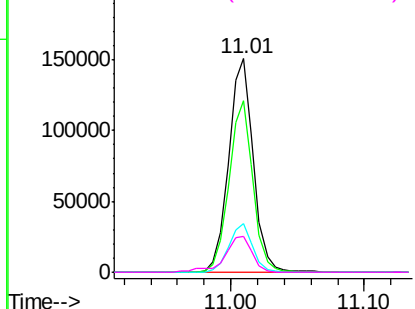
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.76 ng
 RT: 11.01 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	194160
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.2
179	22.0	17.9	26.9
108	19.0	16.5	24.7

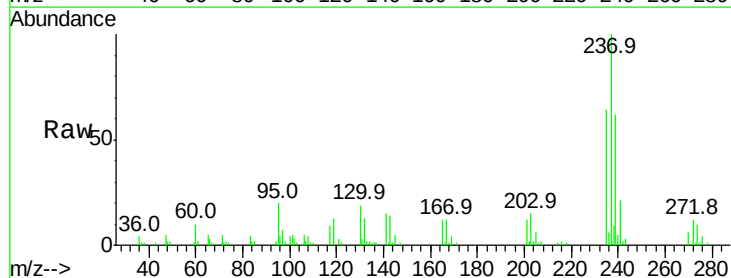


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

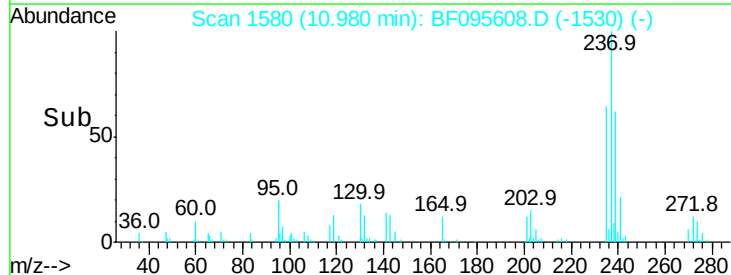
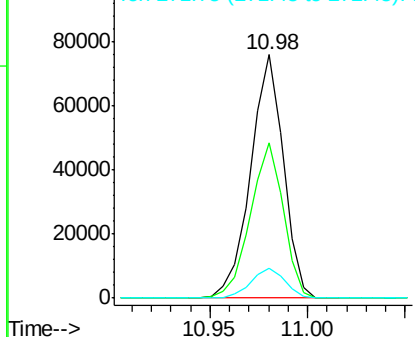


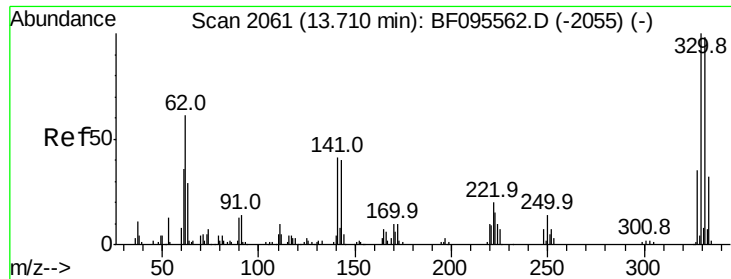
#40
 Hexachlorocyclopentadiene
 Concen: 48.01 ng
 RT: 10.98 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:	237	Resp:	88717
Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.6	82.6
272	12.5	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: 151.49 ng

RT: 13.70 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

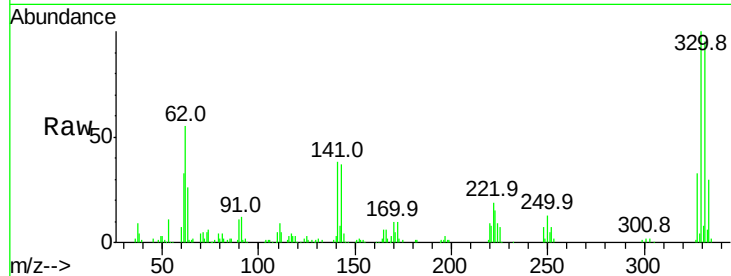
Tot Ion:330 Resp: 187560

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

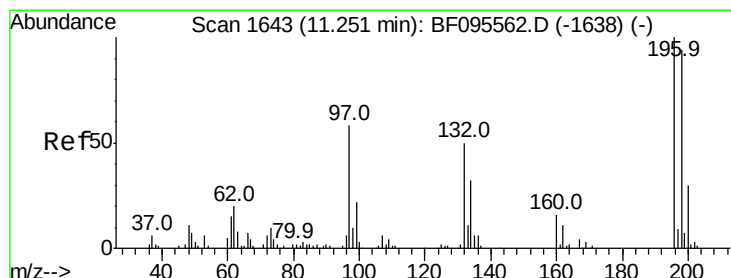
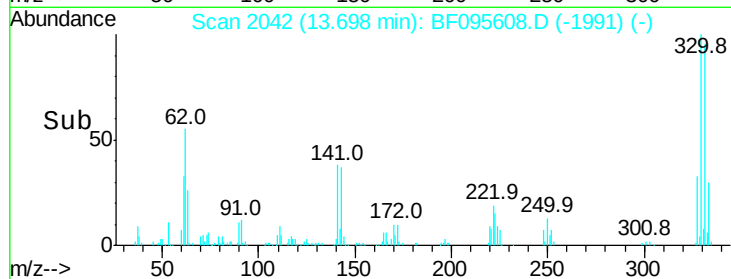
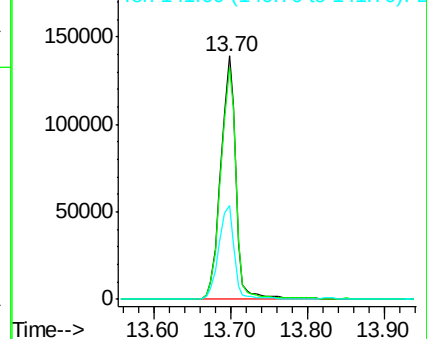
141 39.8 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.24 ng

RT: 11.24 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

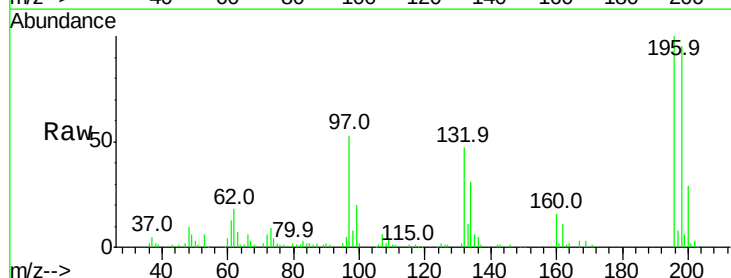
Tgt Ion:196 Resp: 143540

Ion Ratio Lower Upper

196 100

198 95.2 74.2 111.4

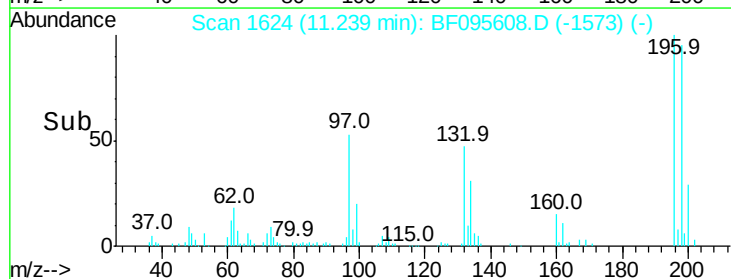
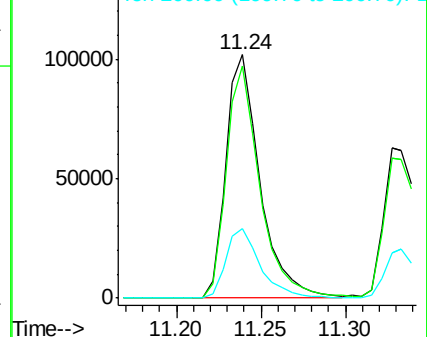
200 28.8 24.0 36.0

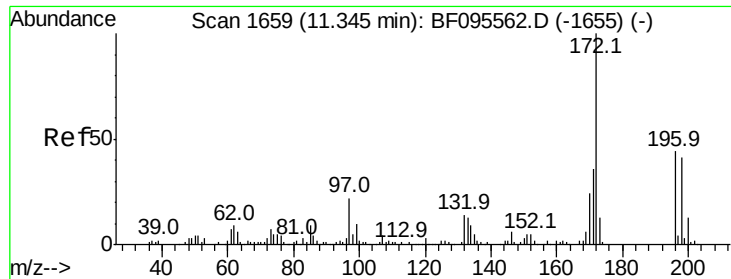


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

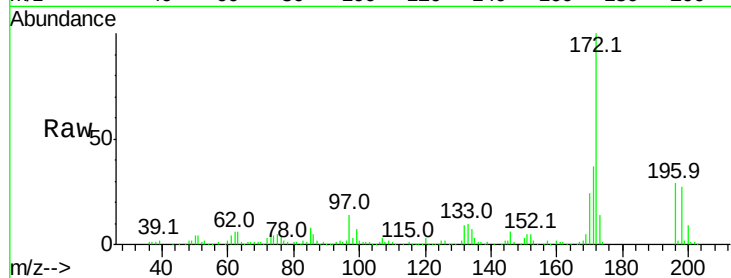




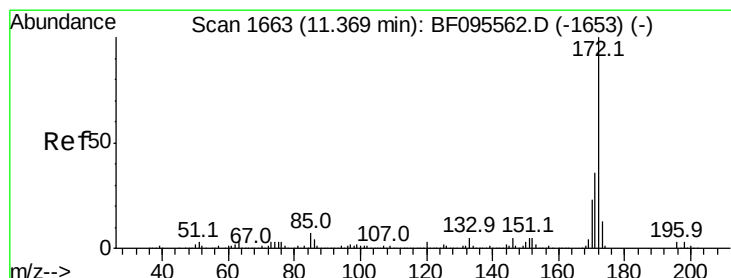
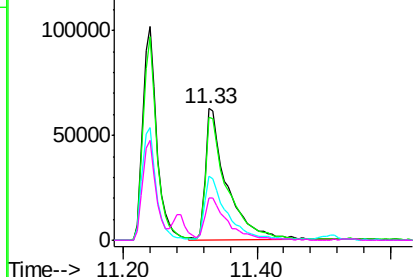
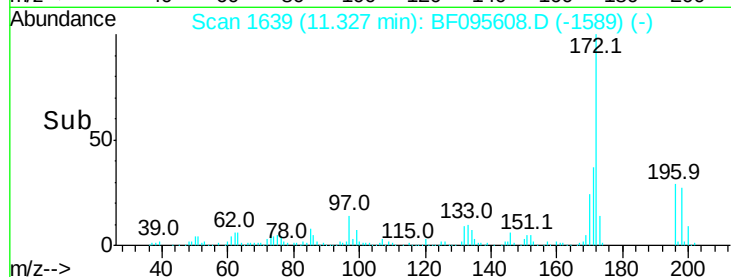
#43
 2,4,5-Trichlorophenol
 Concen: 42.36 ng
 RT: 11.33 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 141331
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 97 48.5 47.7 71.5
 132 31.9 28.0 42.0

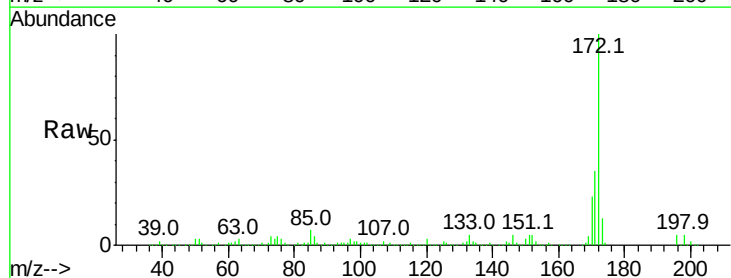


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

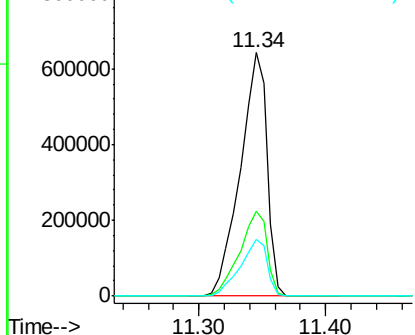
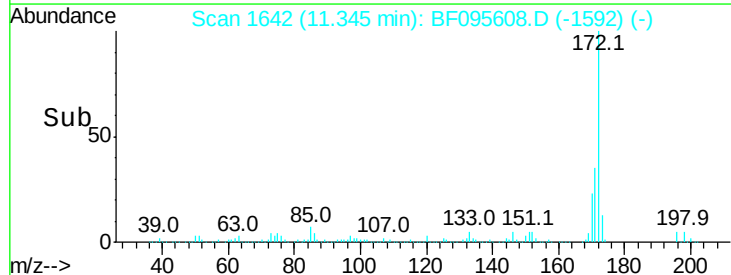


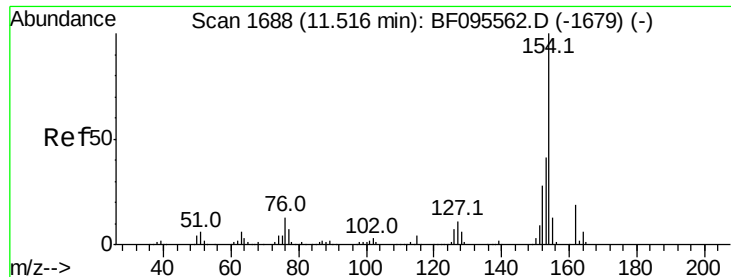
#44
 2-Fluorobiphenyl
 Concen: 89.77 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:172 Resp: 942844
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.3 19.8 29.8



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

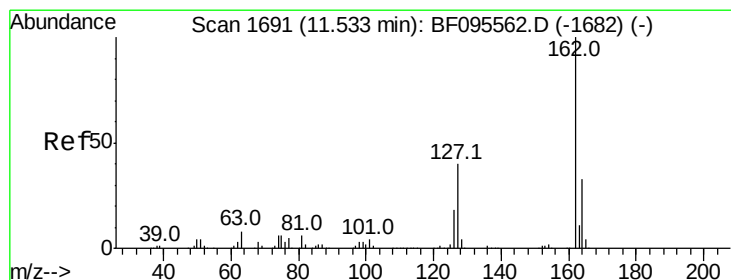
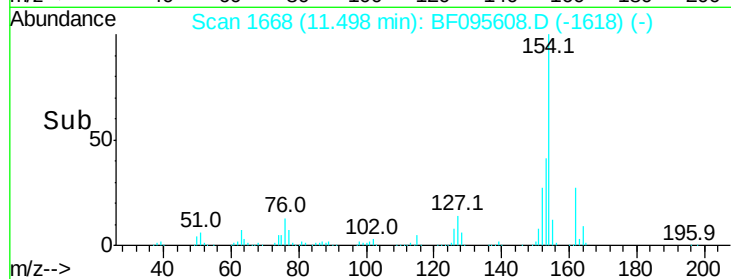
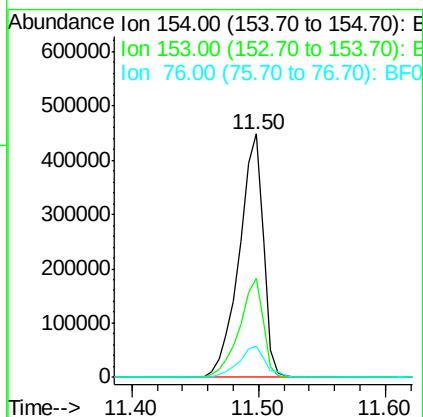
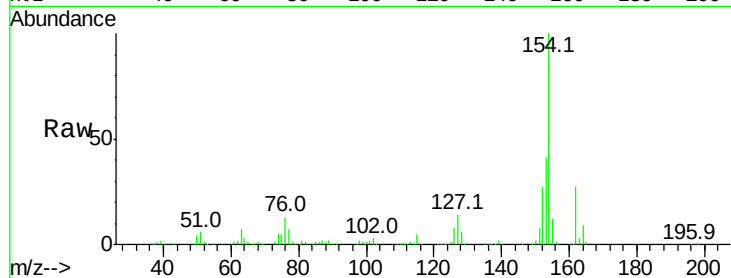




#45
 1,1'-Biphenyl
 Concen: 46.10 ng
 RT: 11.50 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

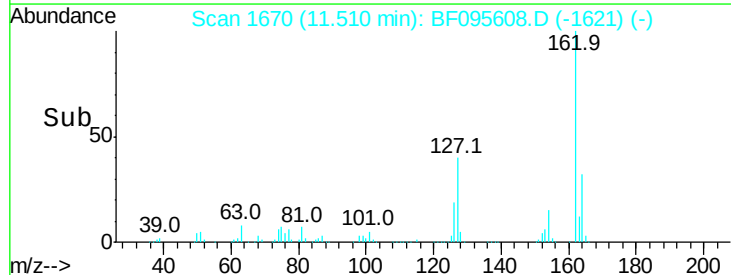
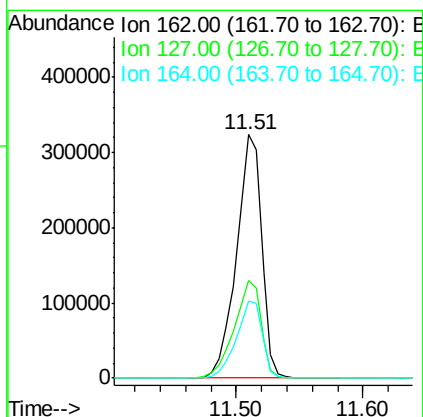
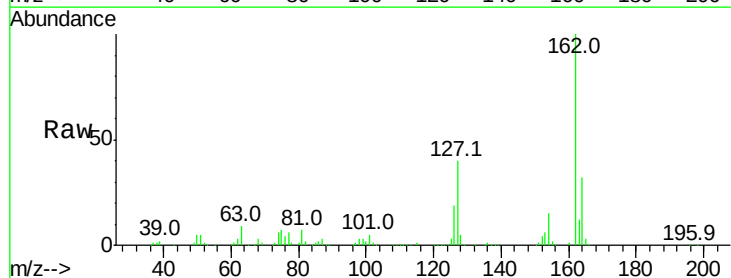
Instrument :
 BNA_F
 ClientSampled :

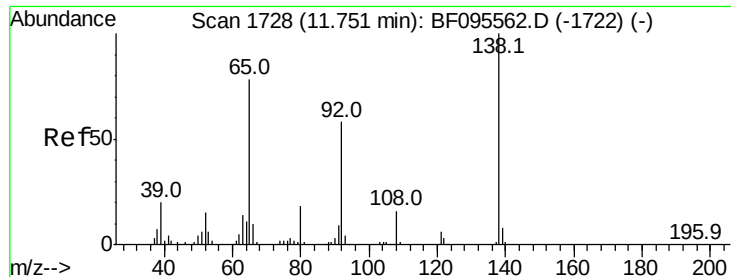
Tot Ion:154 Resp: 586815
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 12.7 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 43.12 ng
 RT: 11.51 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:162 Resp: 443145
 Ion Ratio Lower Upper
 162 100
 127 40.1 28.3 42.5
 164 31.8 27.0 40.4





#47

2-Nitroaniline

Concen: 48.01 ng

RT: 11.73 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

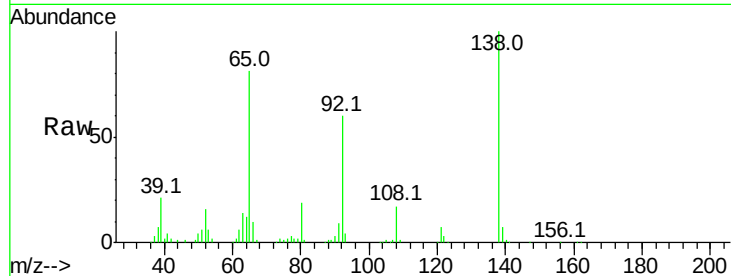
Tot Ion: 65 Resp: 135050

Ion Ratio Lower Upper

65 100

92 73.9 53.9 80.9

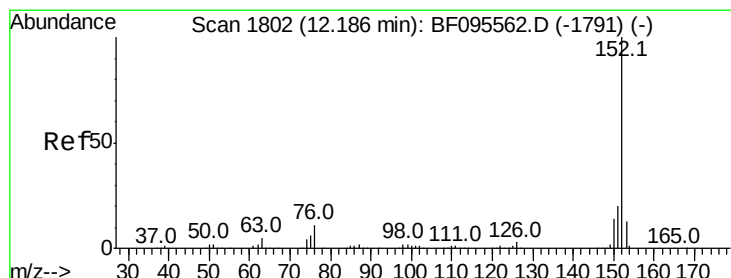
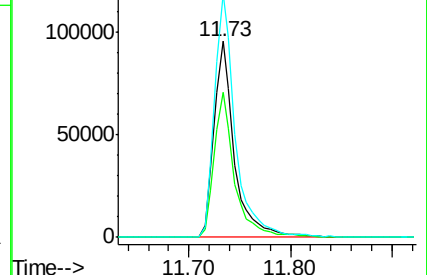
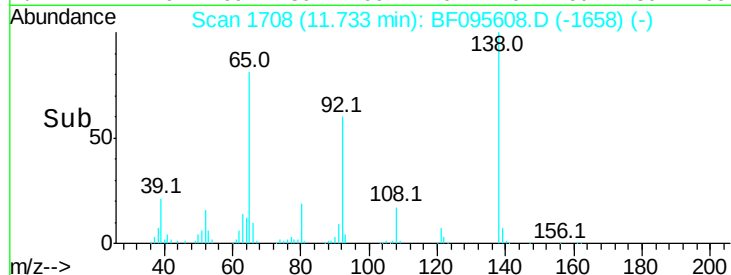
138 124.1 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 45.83 ng

RT: 12.17 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

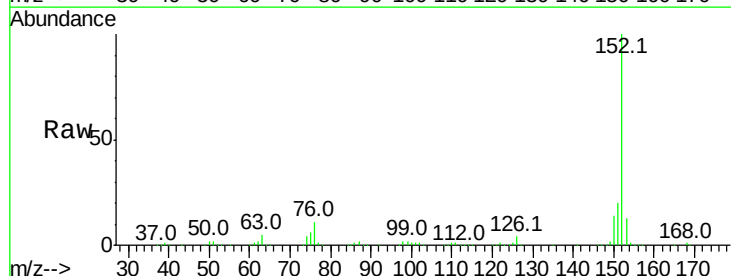
Tgt Ion: 152 Resp: 737774

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

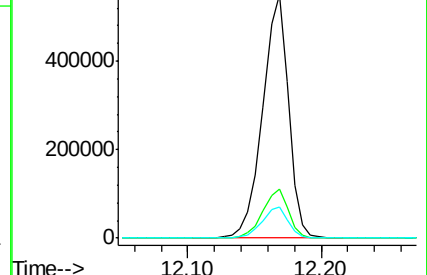
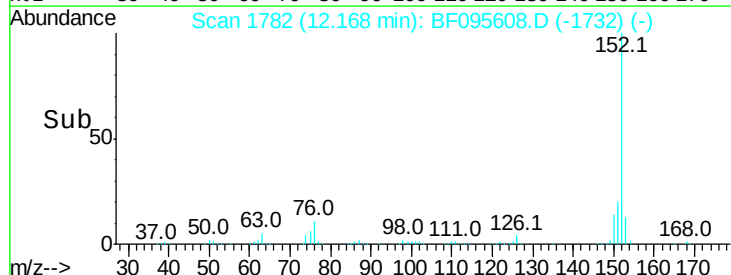
153 13.0 10.8 16.2

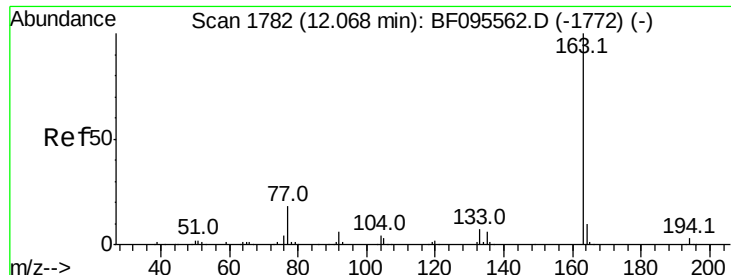


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

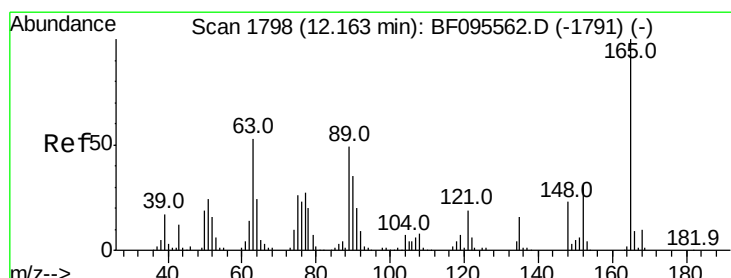
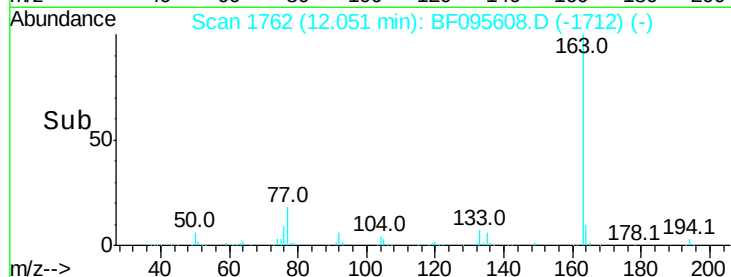
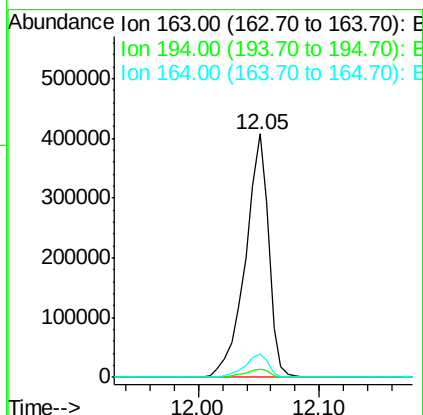
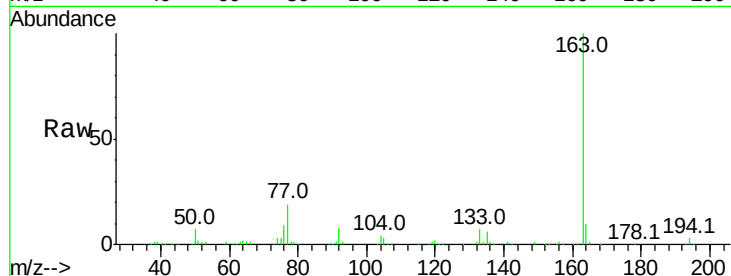




#49
Dimethylphthalate
Concen: 44.18 ng
RT: 12.05 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

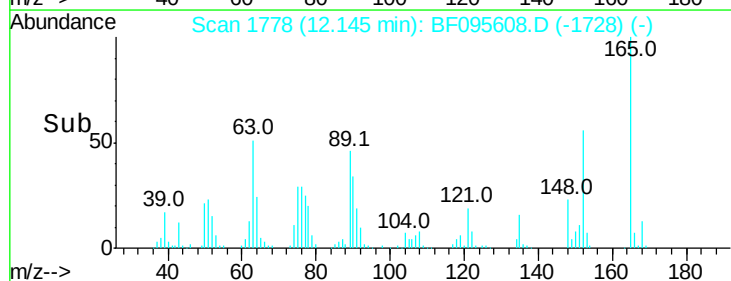
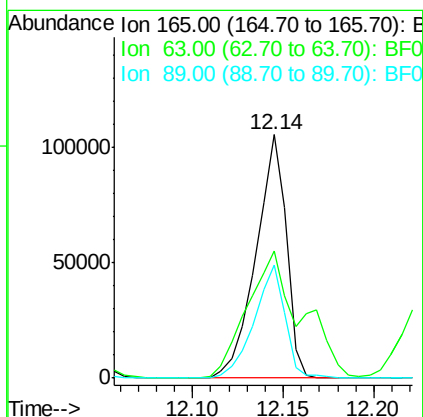
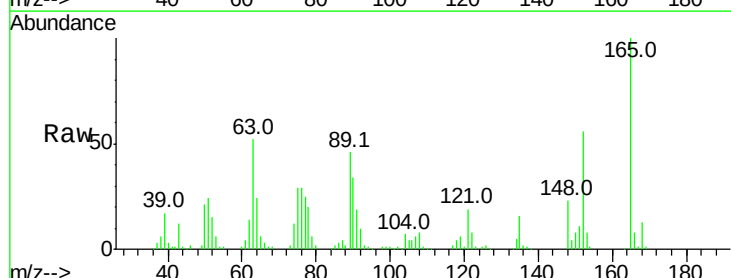
Instrument :
BNA_F
ClientSampleId :

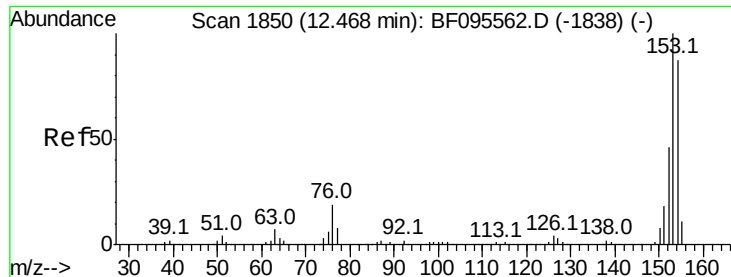
Tot Ion:163 Resp: 548265
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.6 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 48.69 ng
RT: 12.14 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion:165 Resp: 123274
Ion Ratio Lower Upper
165 100
63 52.4 34.3 51.5#
89 46.3 37.1 55.7





#51

Acenaphthene

Concen: 49.04 ng

RT: 12.45 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

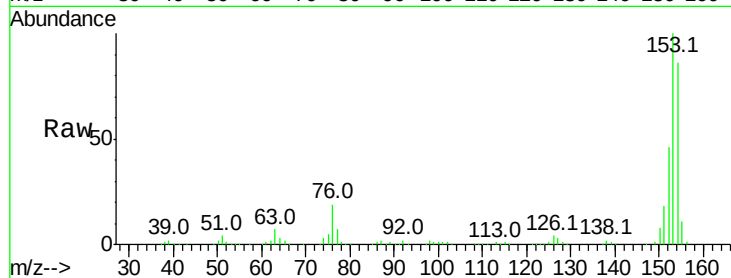
Tot Ion:154 Resp: 471483

Ion Ratio Lower Upper

154 100

153 115.8 90.5 135.7

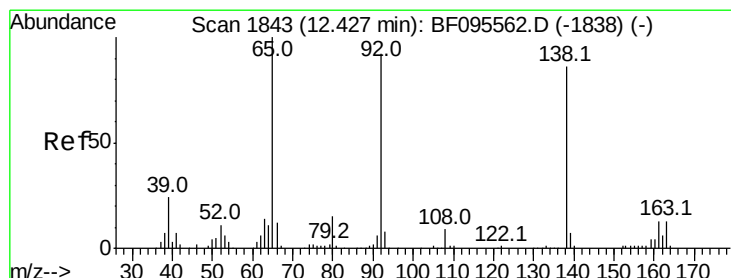
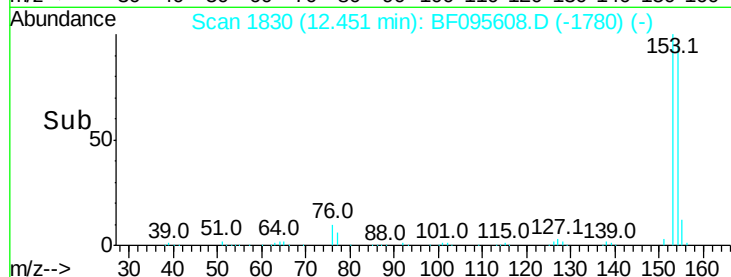
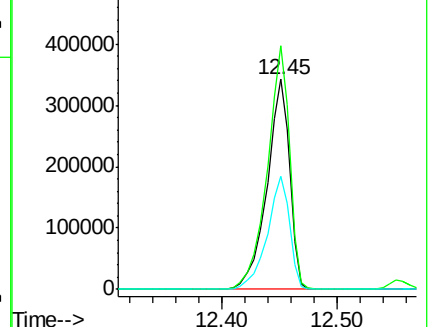
152 53.5 43.6 65.4



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: 31.71 ng

RT: 12.42 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

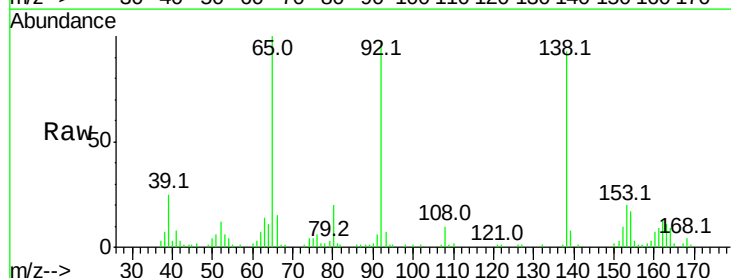
Tgt Ion:138 Resp: 86163

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

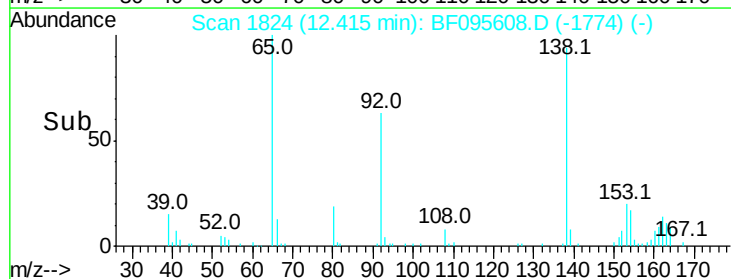
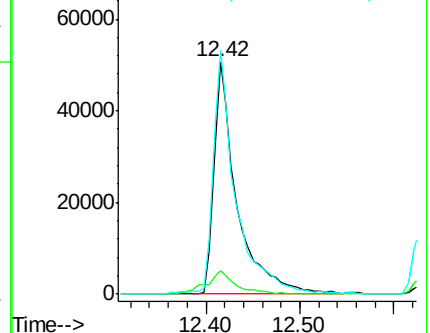
92 104.8 93.8 140.6

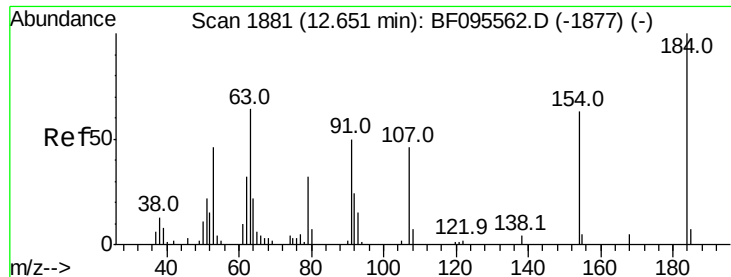


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

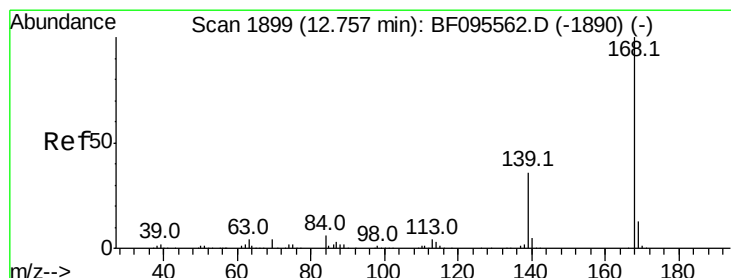
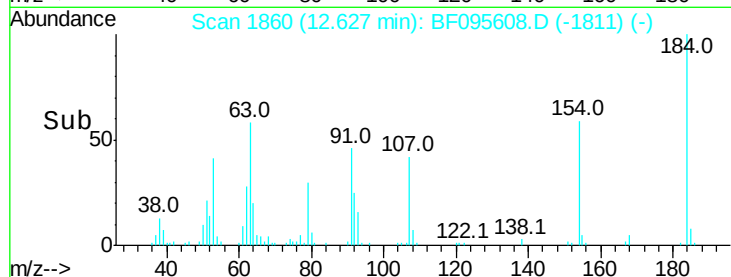
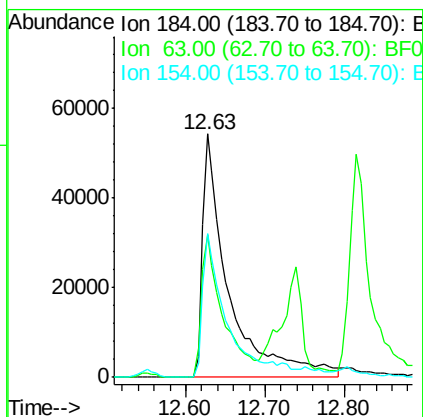
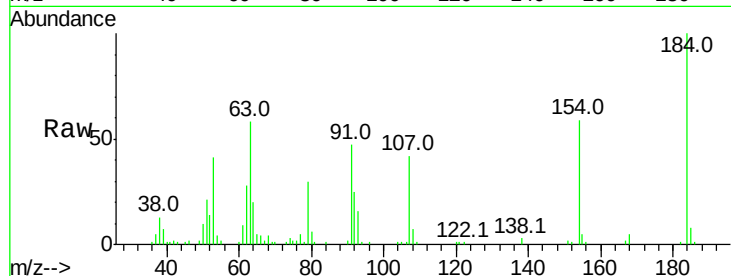




#53
 2,4-Dinitrophenol
 Concen: 88.36 ng
 RT: 12.63 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

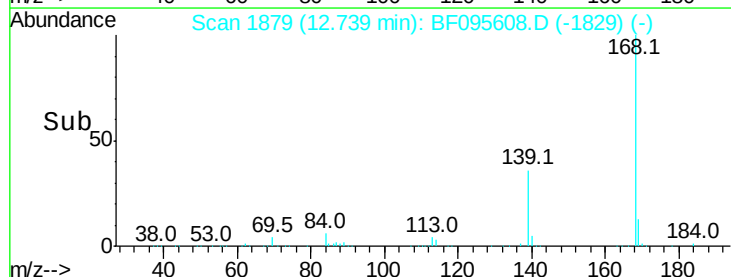
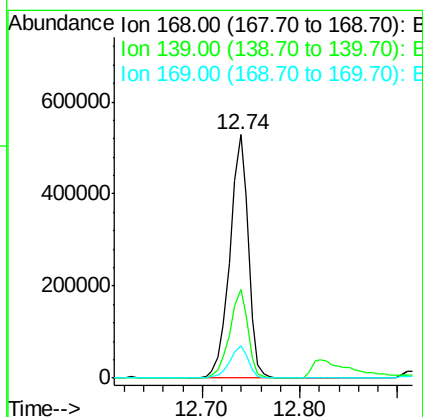
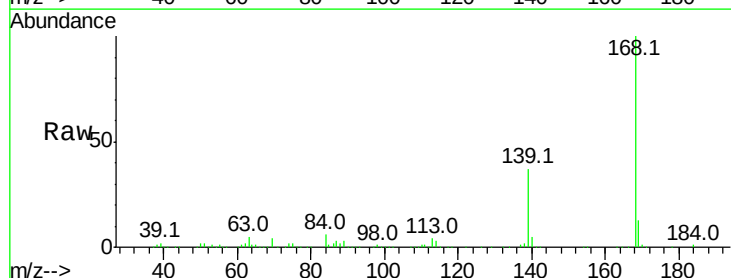
Instrument :
 BNA_F
 ClientSampled :

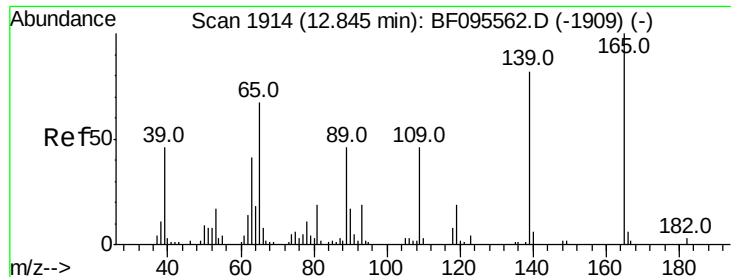
Tot Ion:184 Resp: 124209
 Ion Ratio Lower Upper
 184 100
 63 58.5 62.7 94.1#
 154 58.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 51.89 ng
 RT: 12.74 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:168 Resp: 690406
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.6 45.8
 169 13.3 10.8 16.2

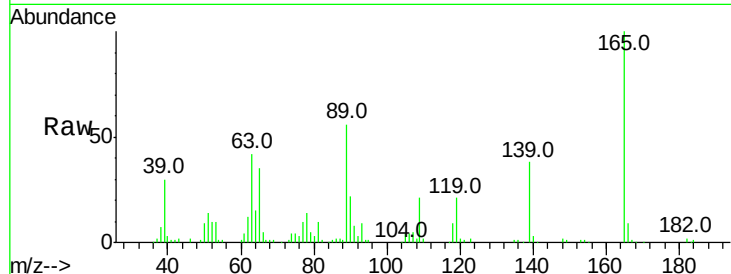




#55
4-Nitrophenol
Concen: 76.49 ng
RT: 12.82 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	56.0	34.1	74.1
65	90.9	31.4	71.4

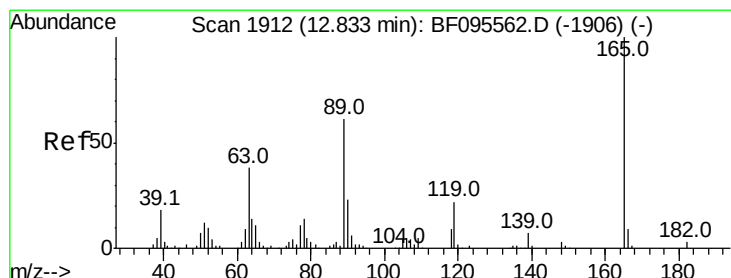
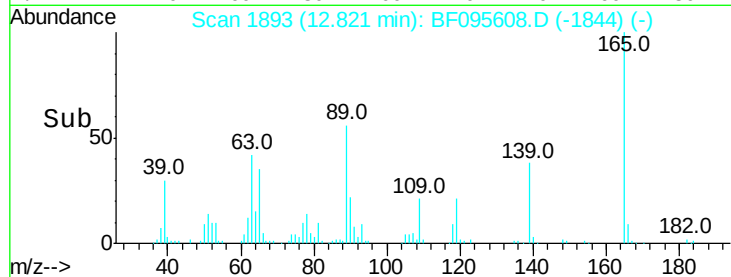
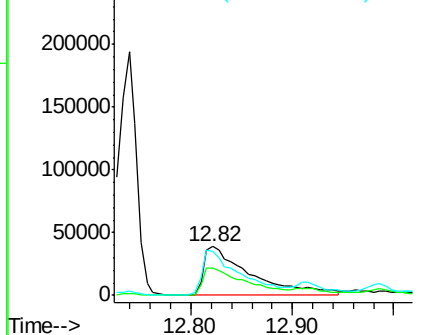


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 52.87 ng
RT: 12.82 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	25.4	38.0
89	63.5	46.4	69.6
182	2.6	1.8	2.6

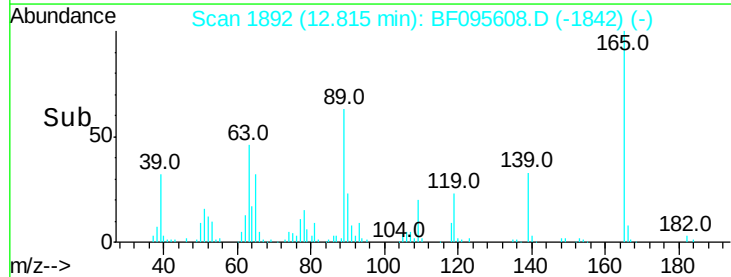
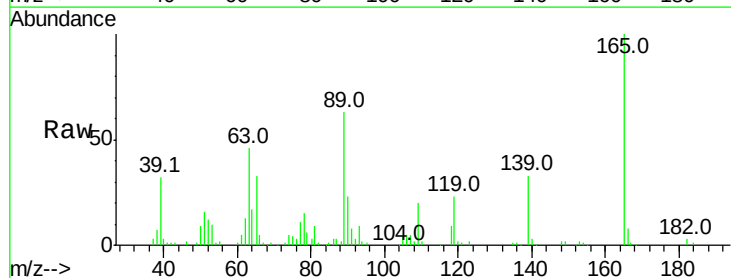
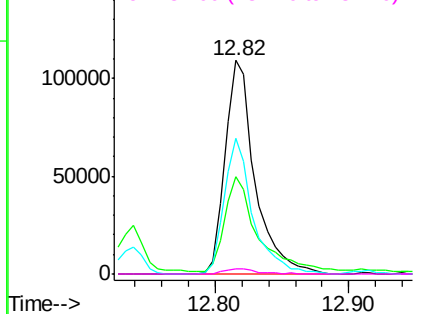
Abundance

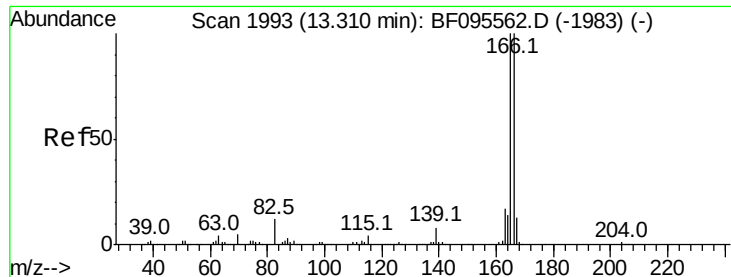
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.58 ng

RT: 13.29 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

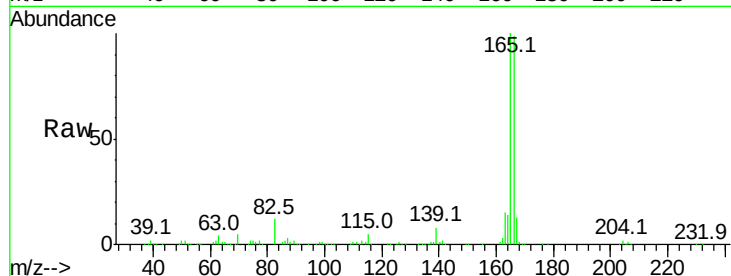
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 562009

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.8	118.2
167	13.6	10.6	16.0

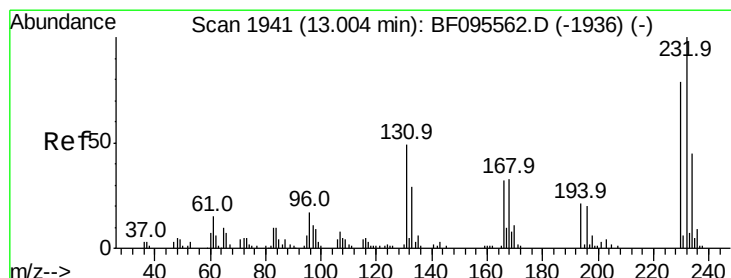
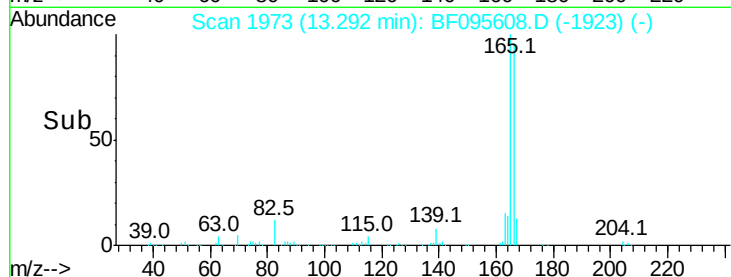
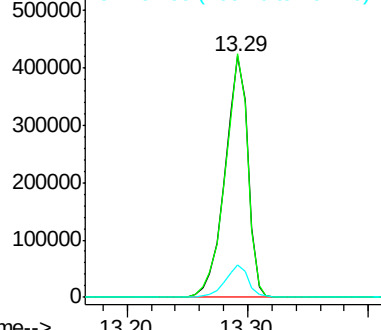


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.07 ng

RT: 12.99 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Tgt Ion:232 Resp: 111429

Ion	Ratio	Lower	Upper
232	100		
131	48.0	44.8	67.2
130	2.2	2.3	3.5
166	33.8	29.0	43.4

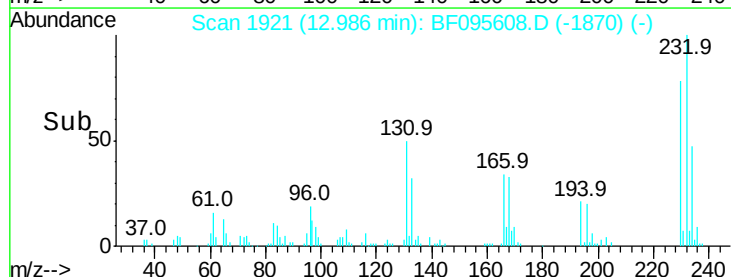
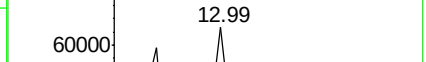
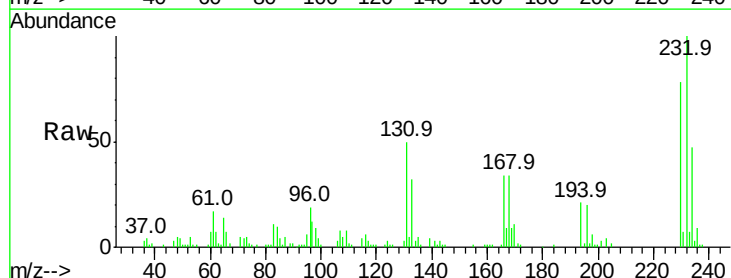
Abundance

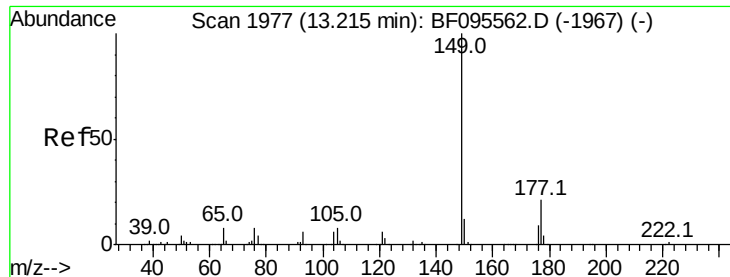
Ion 232.00 (231.70 to 232.70): E

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

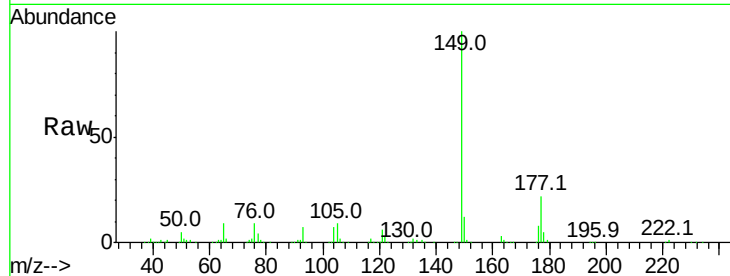




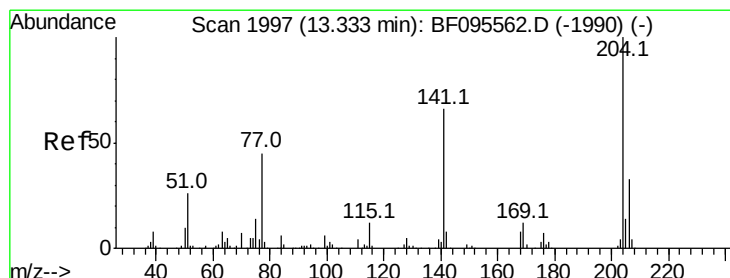
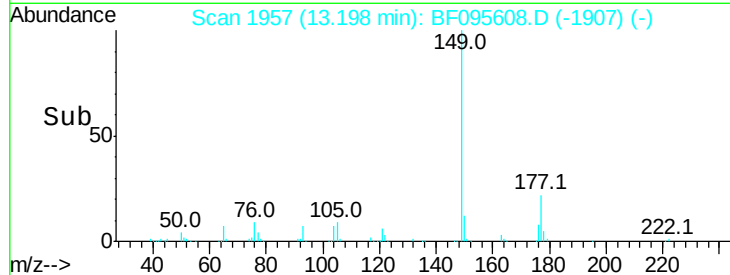
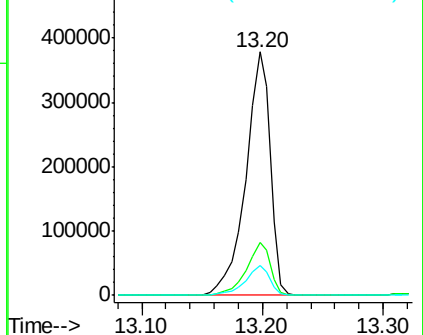
#59
Diethylphthalate
Concen: 45.07 ng
RT: 13.20 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 536094
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.5 10.2 15.2

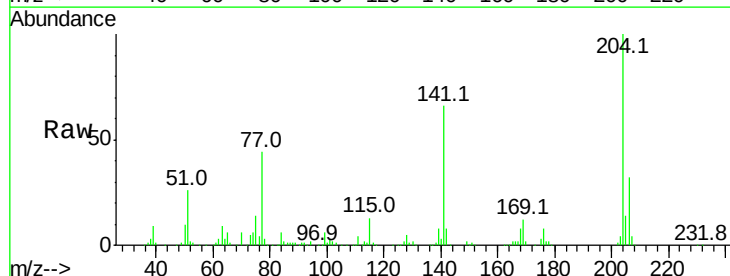


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

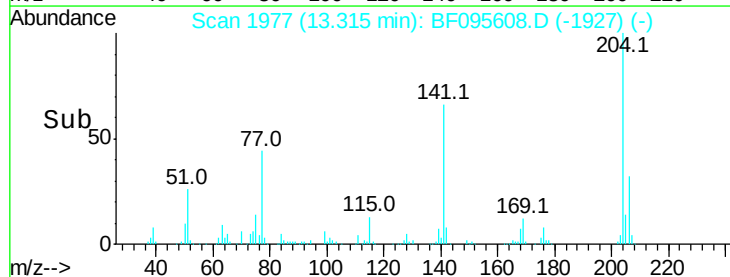
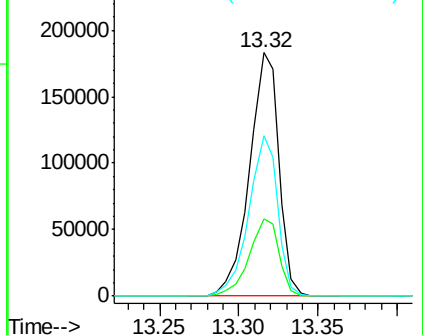


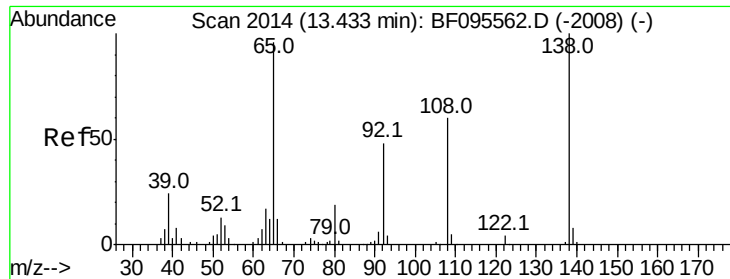
#60
4-Chlorophenyl-phenylether
Concen: 46.38 ng
RT: 13.32 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion:204 Resp: 235824
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.2
141 65.9 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

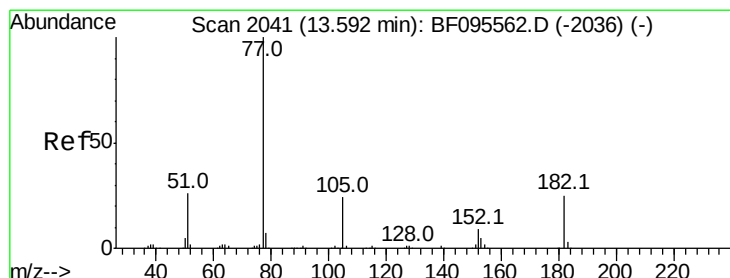
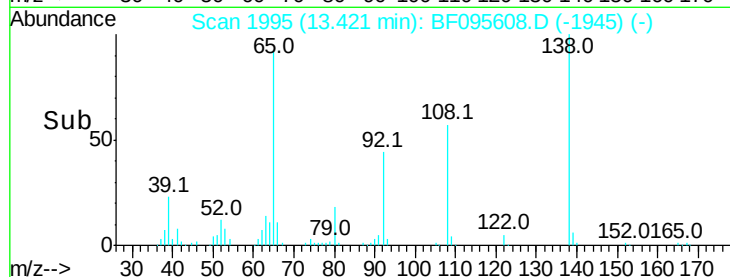
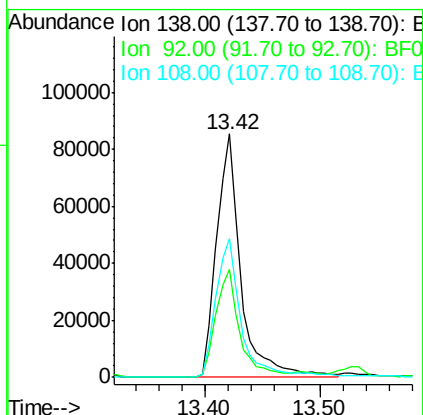
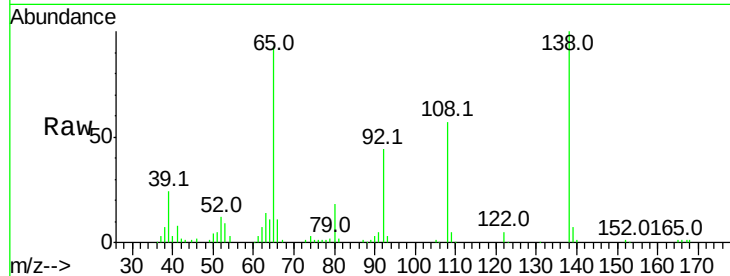




#61
4-Nitroaniline
Concen: 50.22 ng
RT: 13.42 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

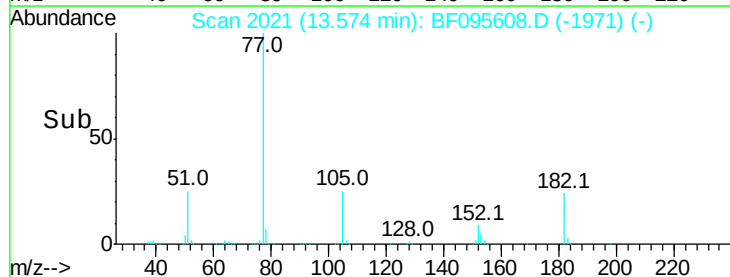
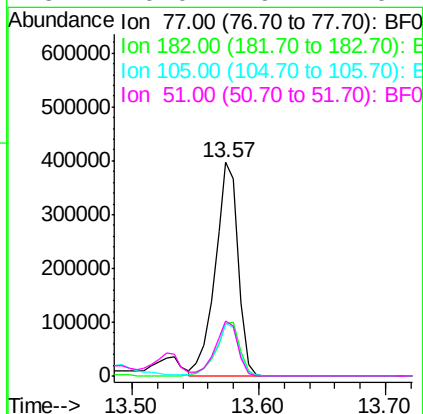
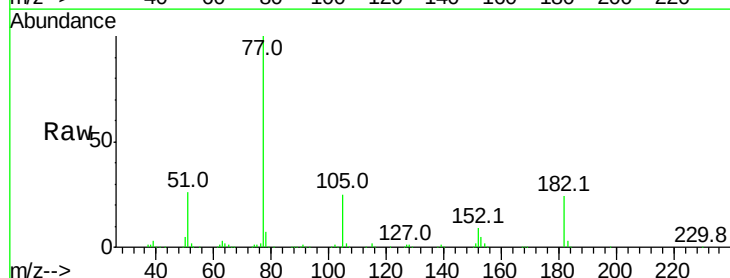
Instrument :
BNA_F
ClientSampleId :

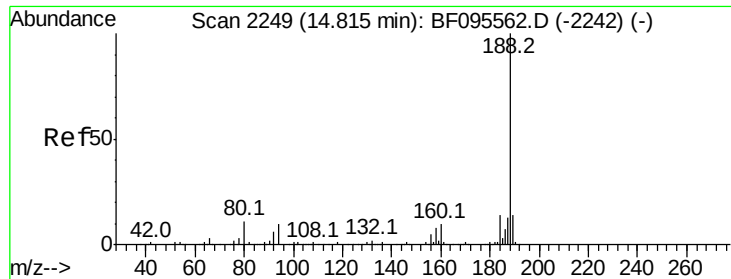
Tot Ion:138 Resp: 125297
Ion Ratio Lower Upper
138 100
92 44.2 21.8 61.8
108 57.2 42.3 82.3



#62
Azobenzene
Concen: 52.26 ng
RT: 13.57 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion: 77 Resp: 499548
Ion Ratio Lower Upper
77 100
182 24.4 0.1 40.1
105 24.6 3.6 43.6
51 26.0 9.4 49.4

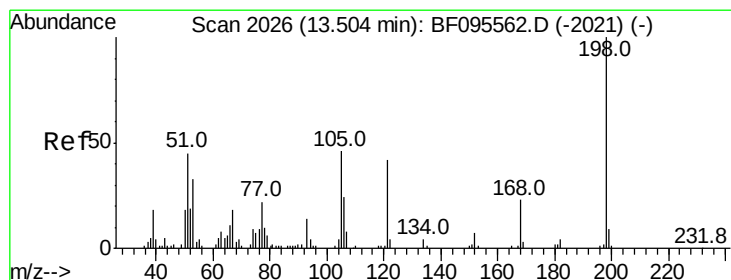
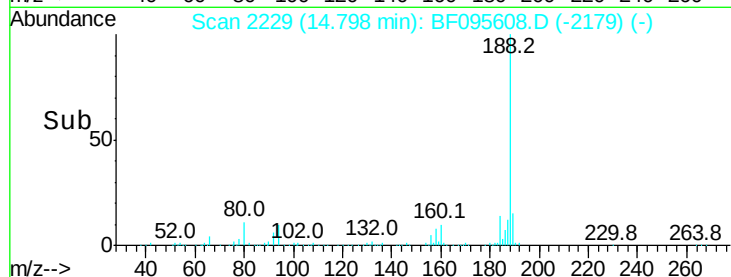
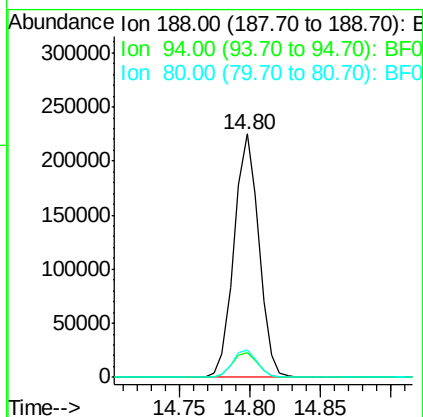
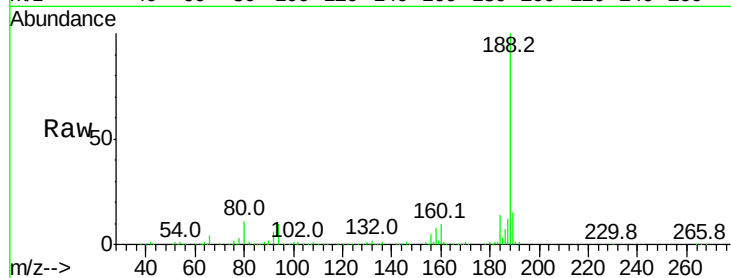




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

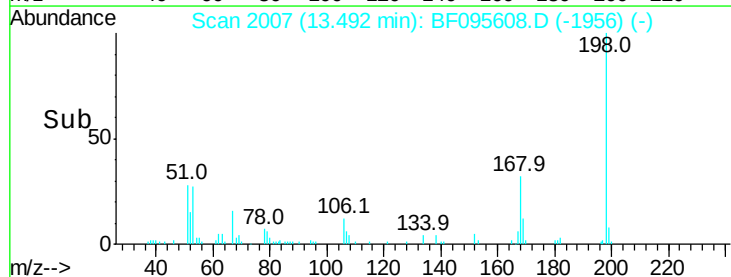
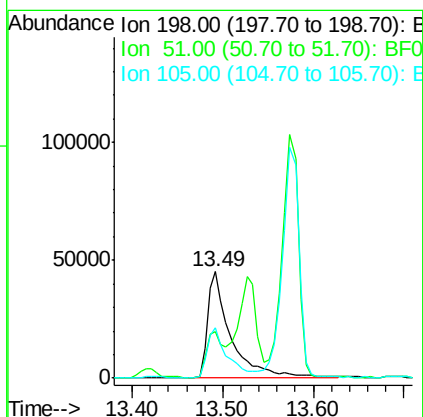
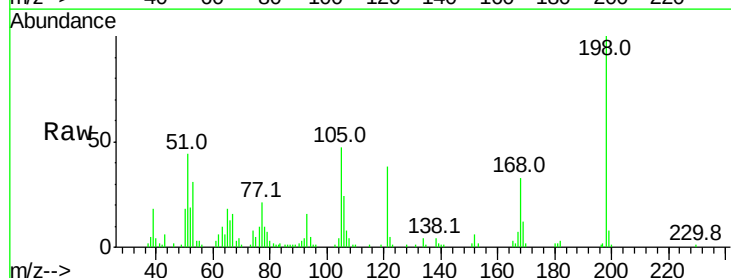
Instrument :
BNA_F
ClientSampleId :

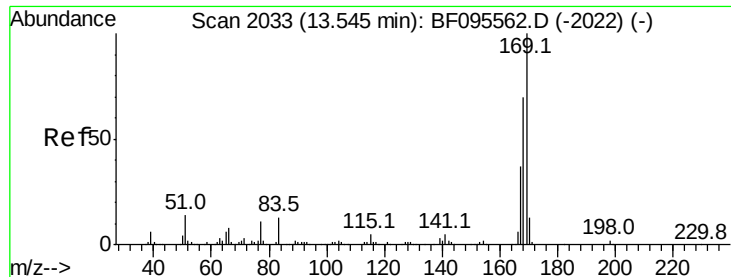
Tot Ion:188 Resp: 275139
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.26 ng
RT: 13.49 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion:198 Resp: 81635
Ion Ratio Lower Upper
198 100
51 43.9 53.2 93.2#
105 47.0 45.8 85.8

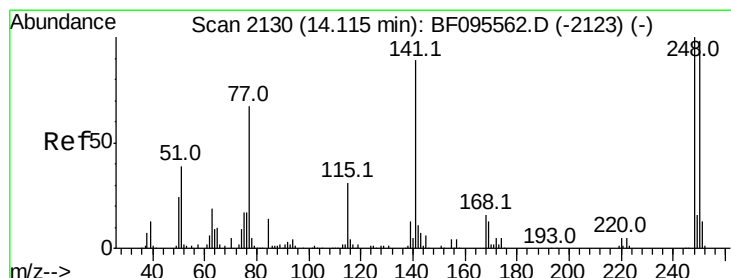
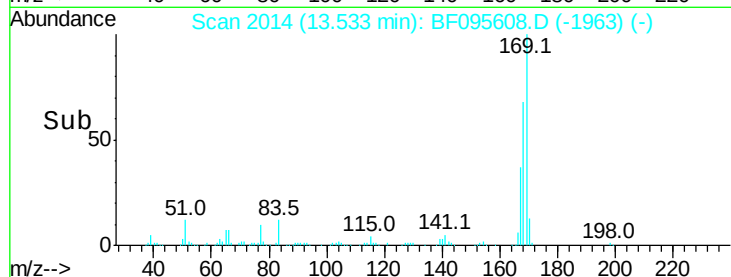
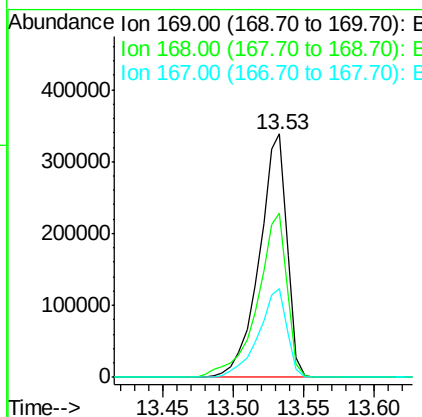
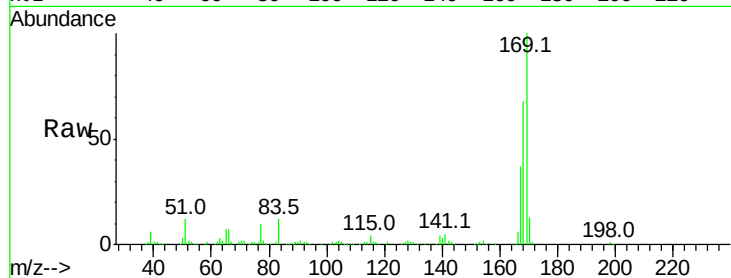




#65
n-Nitrosodiphenylamine
Concen: 46.76 ng
RT: 13.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

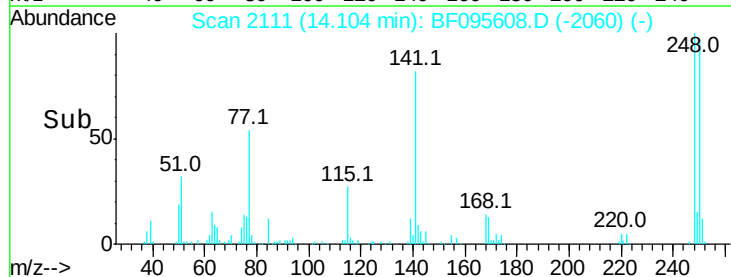
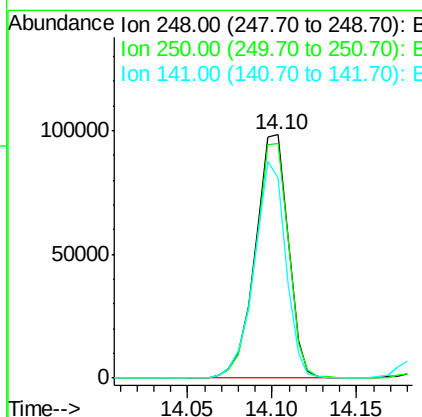
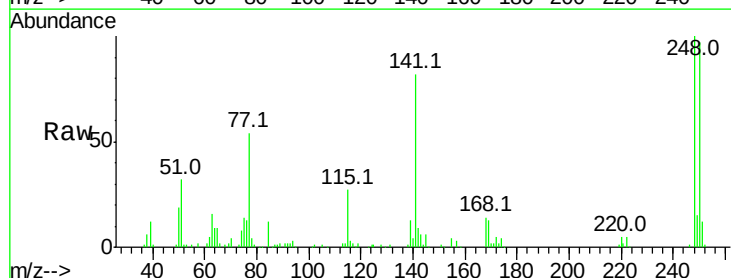
Instrument :
BNA_F
ClientSampleId :

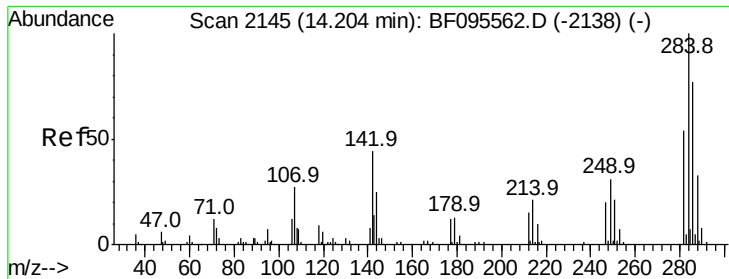
Tot Ion:169 Resp: 466940
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 36.6 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 46.16 ng
RT: 14.10 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion:248 Resp: 134176
Ion Ratio Lower Upper
248 100
250 96.6 76.8 115.2
141 82.3 68.6 103.0





#67

Hexachlorobenzene

Concen: 45.09 ng

RT: 14.19 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

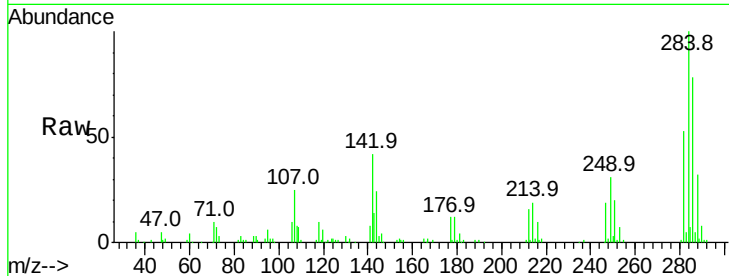
Tot Ion:284 Resp: 134325

Ion Ratio Lower Upper

284 100

142 42.0 22.8 34.2#

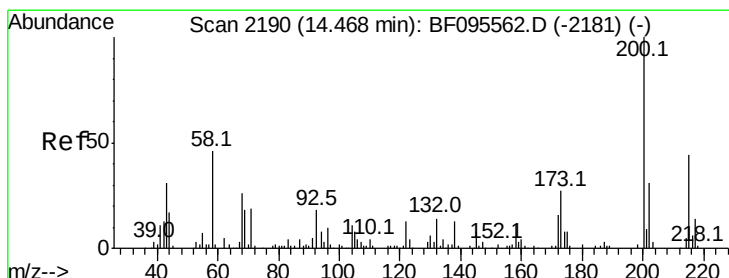
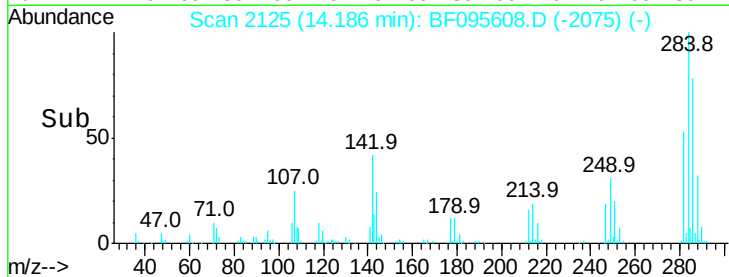
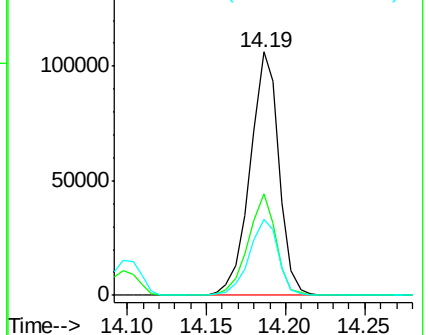
249 31.4 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.70 ng

RT: 14.46 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

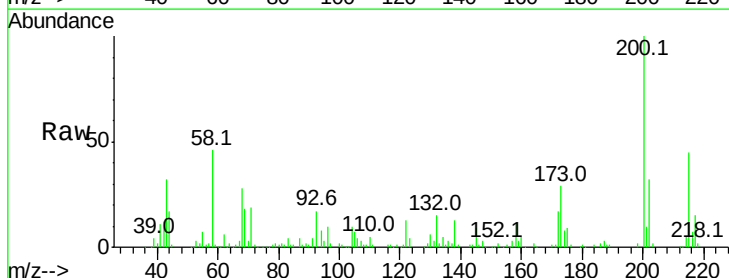
Tgt Ion:200 Resp: 137321

Ion Ratio Lower Upper

200 100

173 28.8 6.3 46.3

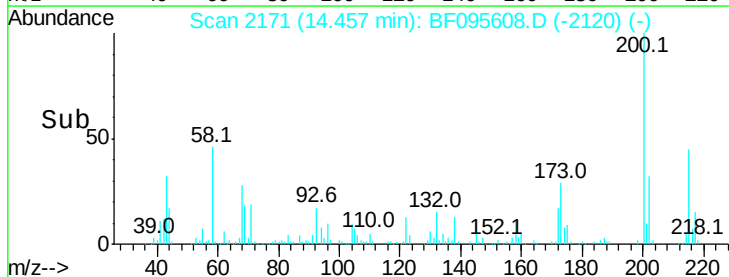
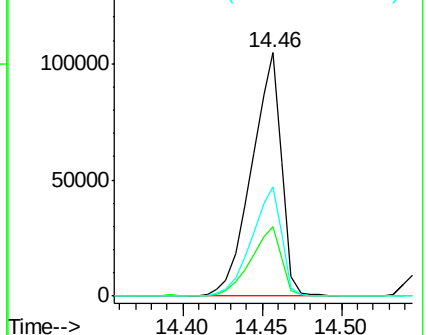
215 45.1 27.2 67.2

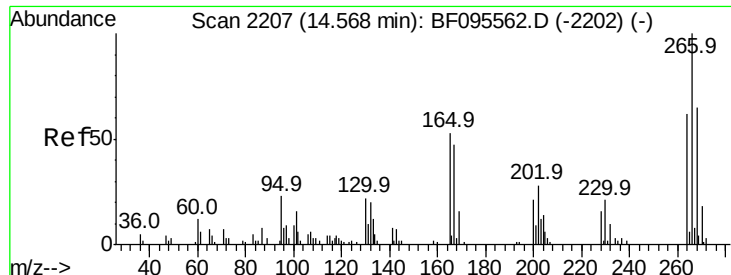


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

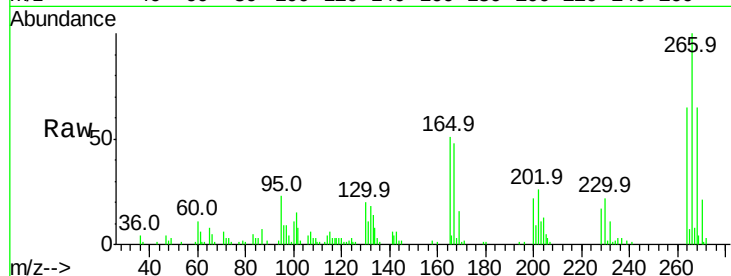




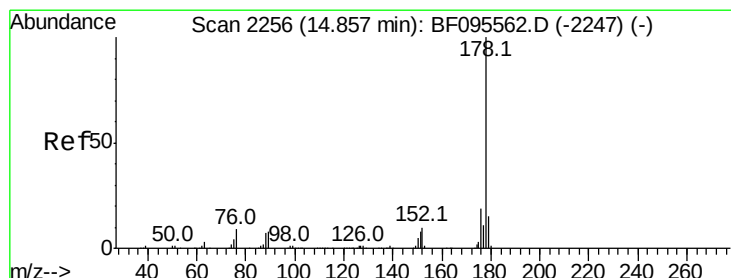
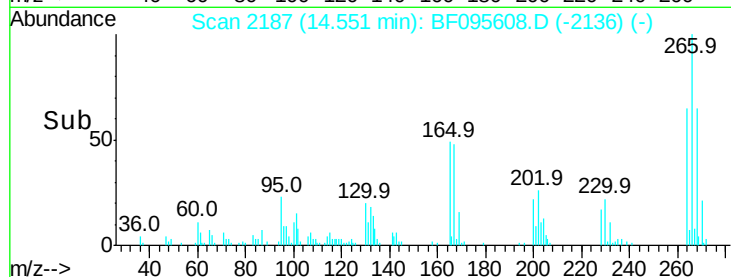
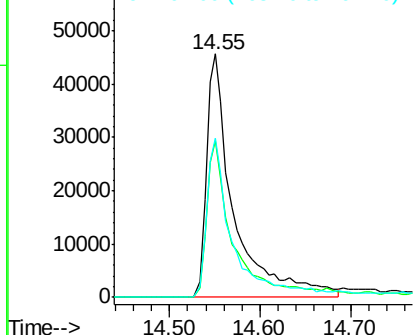
#69
 Pentachlorophenol
 Concen: 72.04 ng
 RT: 14.55 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 96180
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 65.3 51.7 77.5

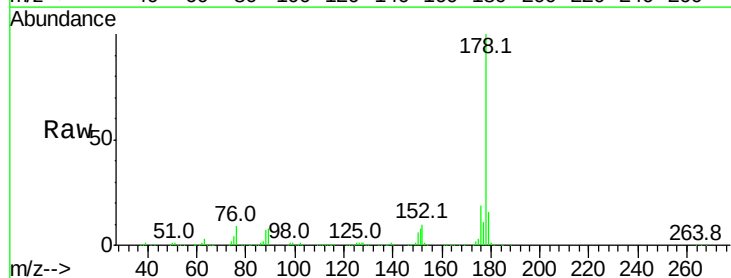


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

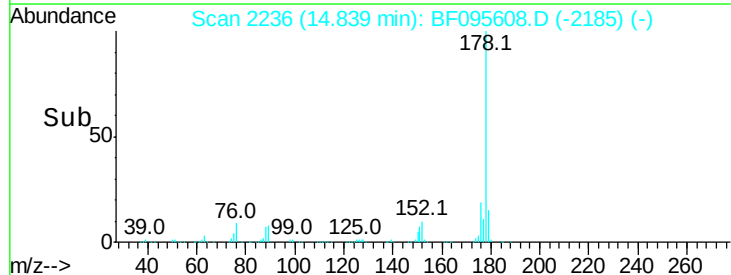
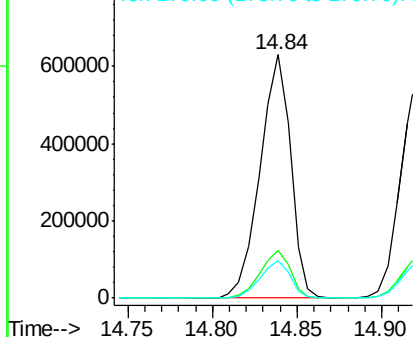


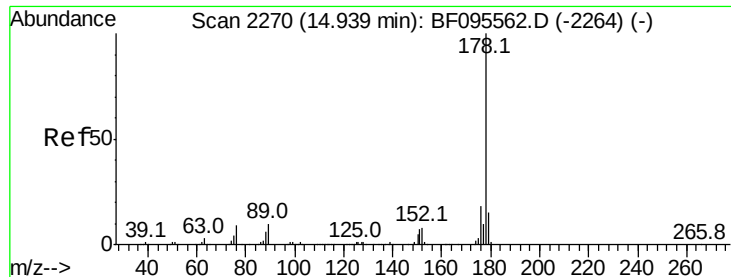
#70
 Phenanthrene
 Concen: 50.29 ng
 RT: 14.84 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:178 Resp: 795028
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.5 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: 49.67 ng

RT: 14.92 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

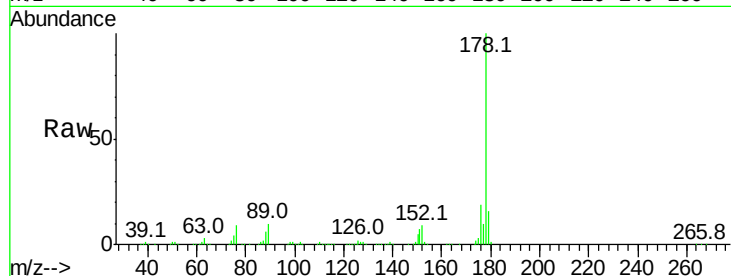
Tot Ion:178 Resp: 802009

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

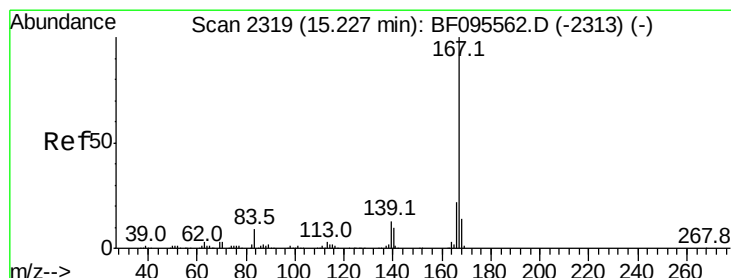
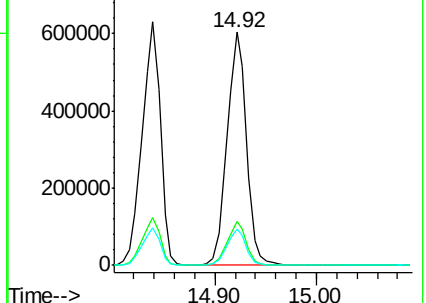
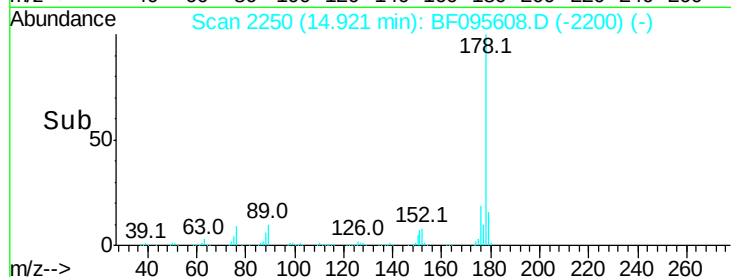
179 15.5 12.7 19.1



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: 57.28 ng

RT: 15.22 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

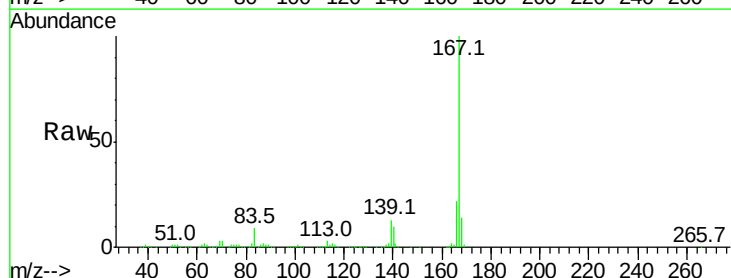
Tgt Ion:167 Resp: 841551

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

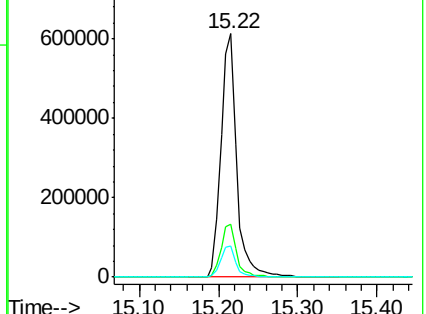
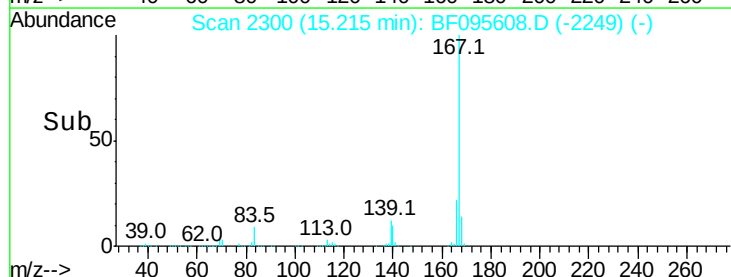
139 12.5 11.7 17.5

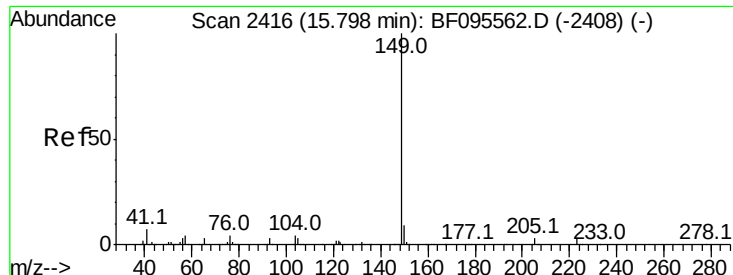


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.94 ng

RT: 15.79 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

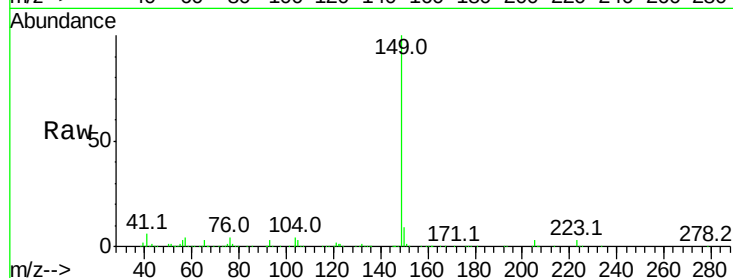
Tot Ion:149 Resp: 859985

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

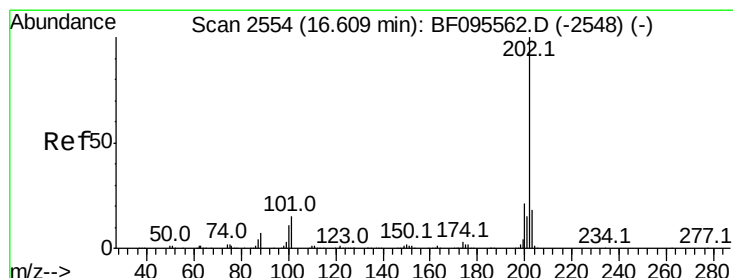
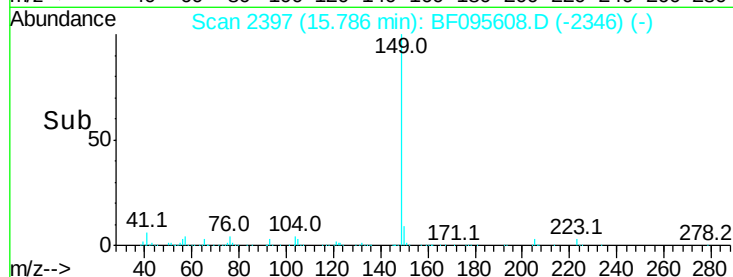
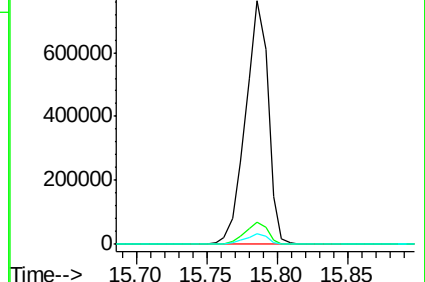
104 4.3 4.0 6.0



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: 48.61 ng

RT: 16.60 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

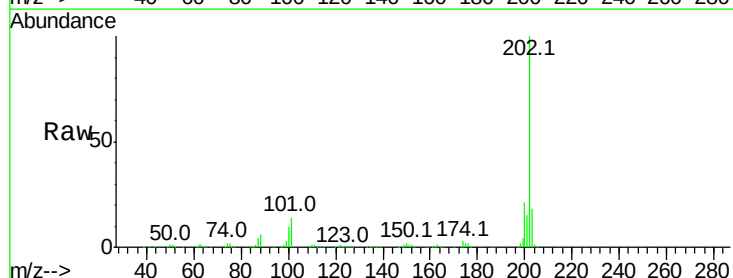
Tgt Ion:202 Resp: 788308

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

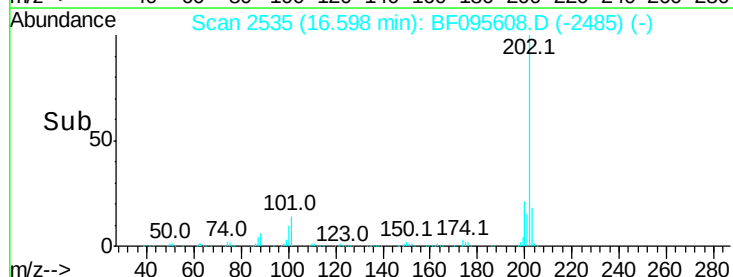
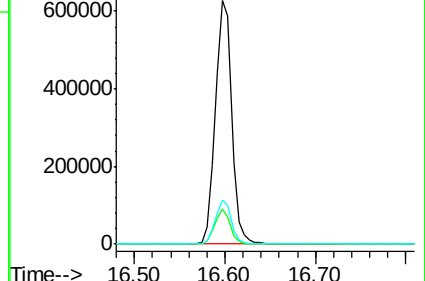
203 18.1 0.0 38.1

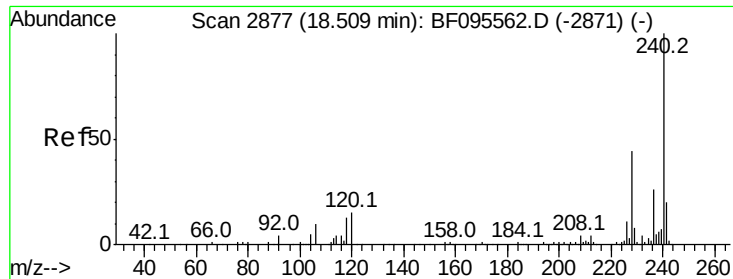


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

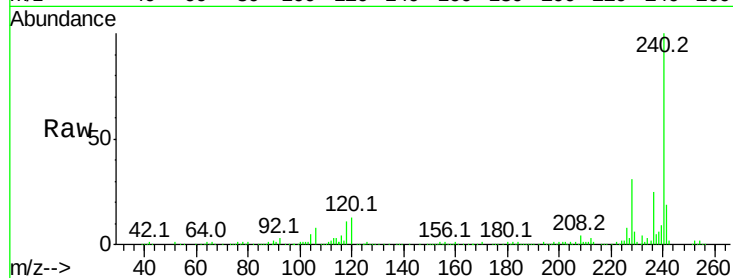
Tot Ion:240 Resp: 218584

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

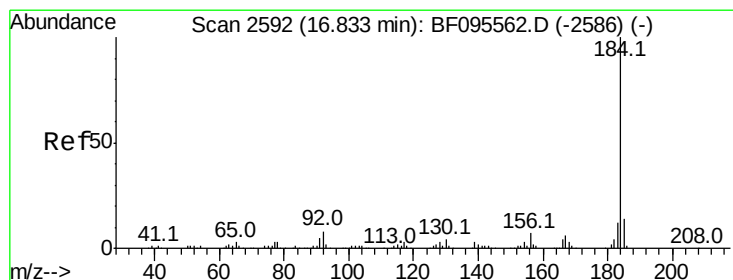
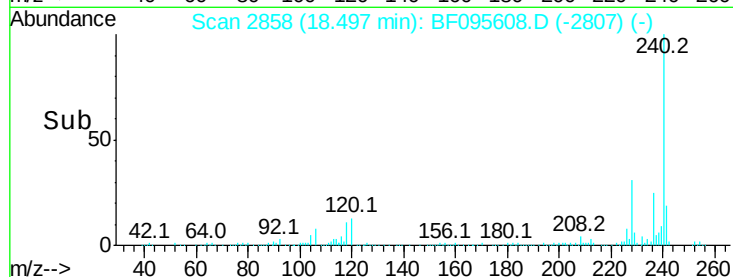
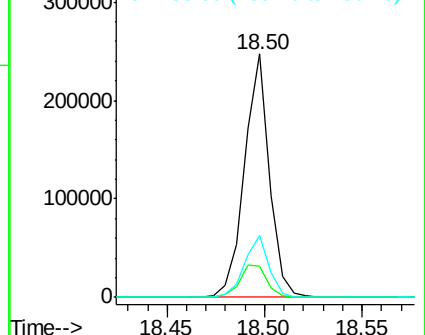
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.87 ng

RT: 16.85 min Scan# 2578

Delta R.T. 0.03 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

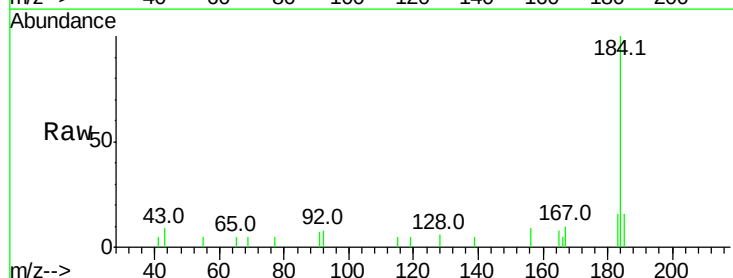
Tgt Ion:184 Resp: 15603

Ion Ratio Lower Upper

184 100

185 15.7 15.5 23.3

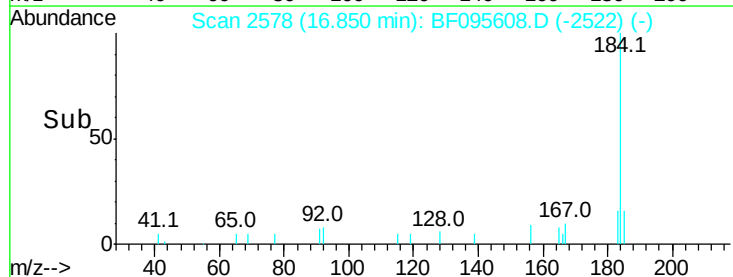
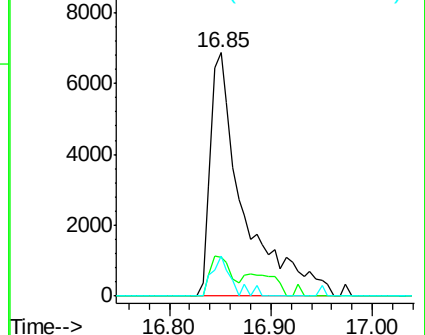
183 16.4 9.8 14.6#

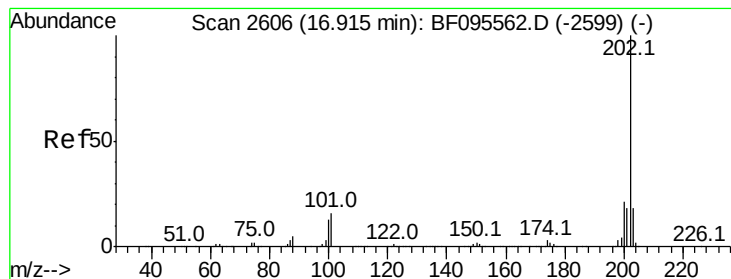


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.46 ng

RT: 16.90 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampleId :

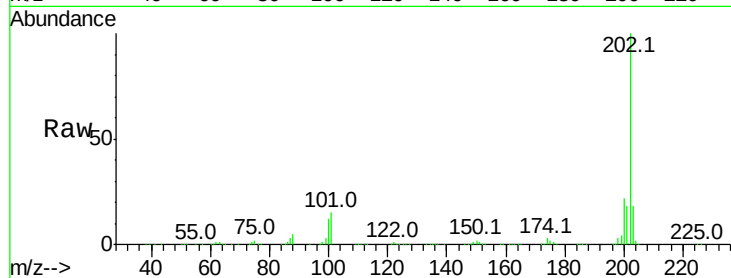
Tot Ion:202 Resp: 792190

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

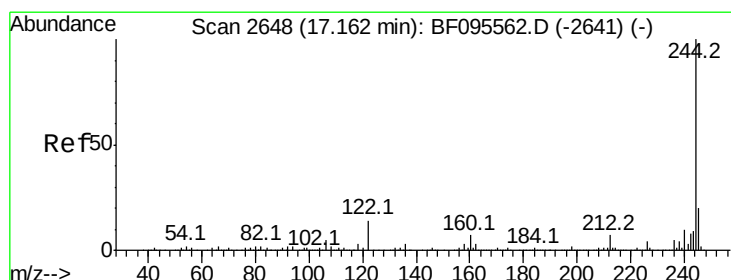
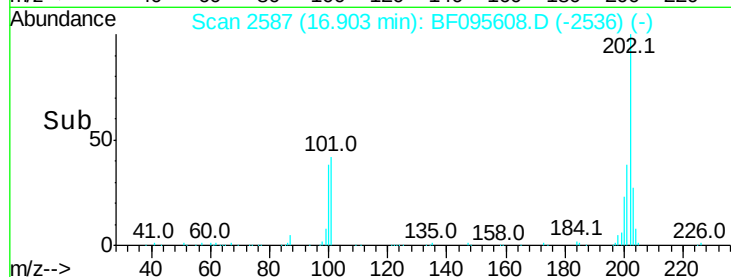
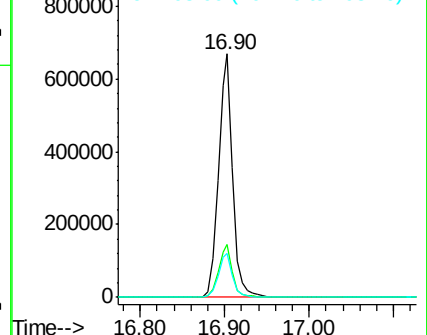
203 18.1 14.4 21.6



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: 89.49 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

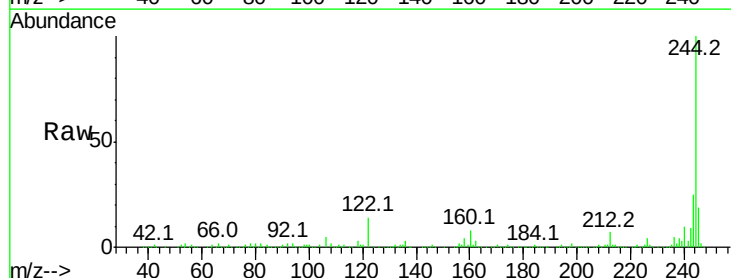
Tgt Ion:244 Resp: 888057

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

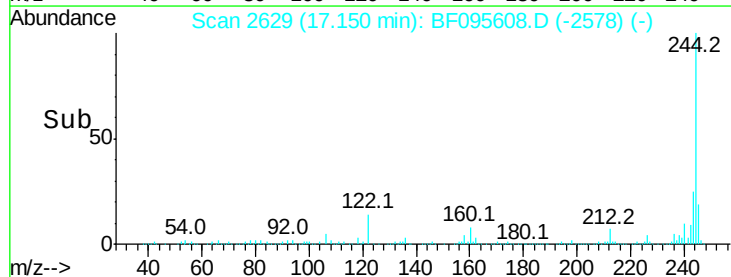
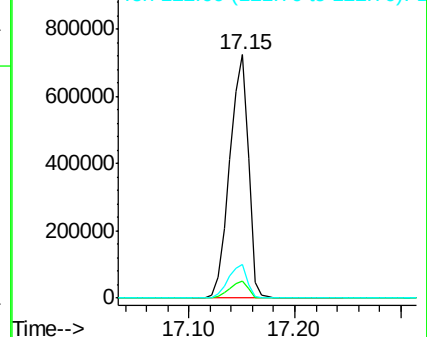
122 13.9 10.3 15.5

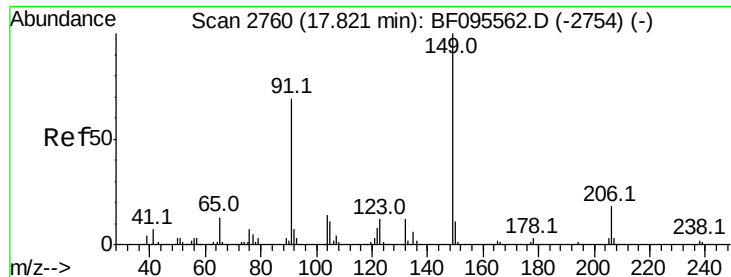


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.29 ng

RT: 17.81 min Scan# 2741

Delta R.T. -0.01 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

Instrument :

BNA_F

ClientSampled :

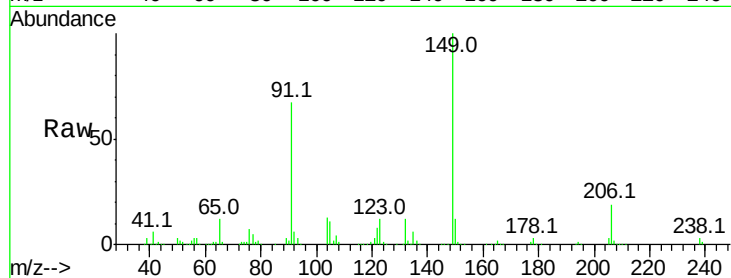
Tot Ion:149 Resp: 367167

Ion Ratio Lower Upper

149 100

91 66.7 45.0 67.4

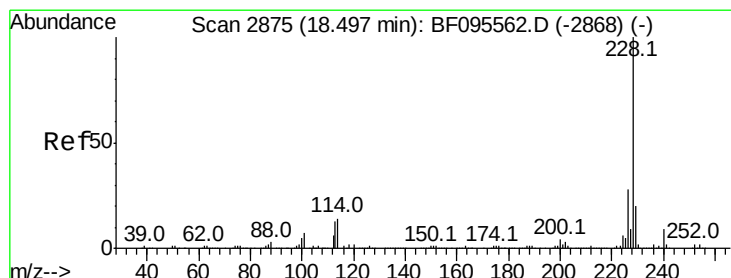
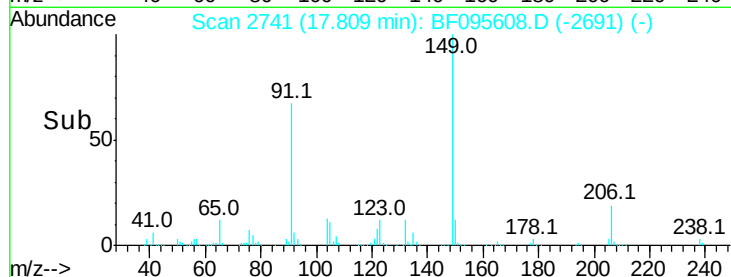
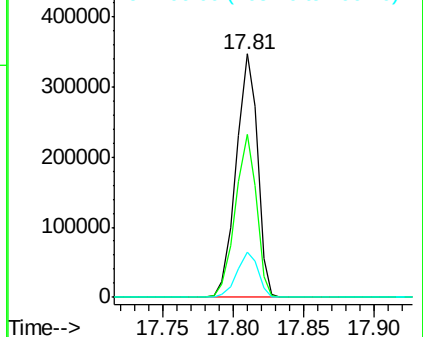
206 18.6 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.71 ng

RT: 18.49 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BF095608.D

Acq: 1 Jun 2017 22:20

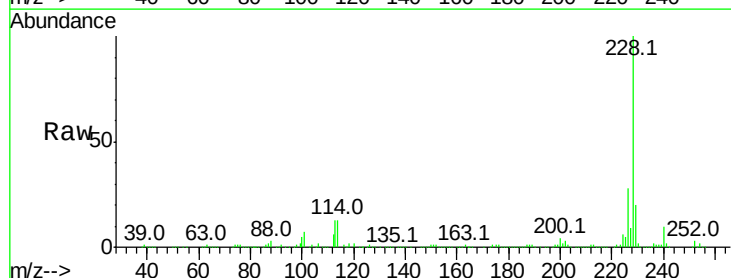
Tgt Ion:228 Resp: 606948

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

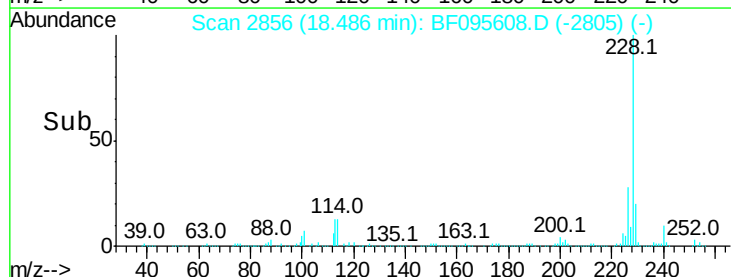
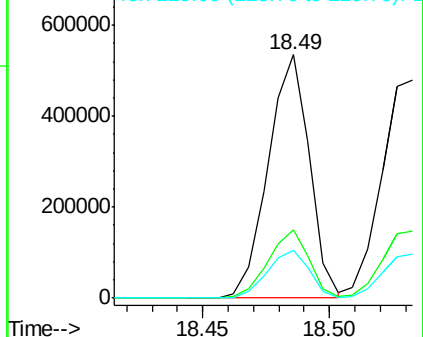
229 19.9 16.3 24.5

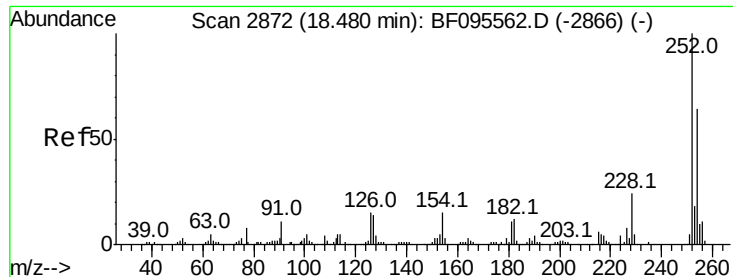


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

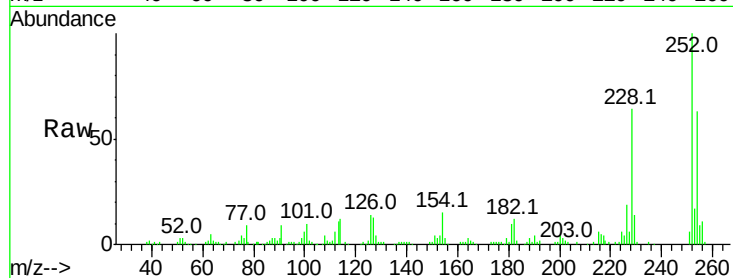




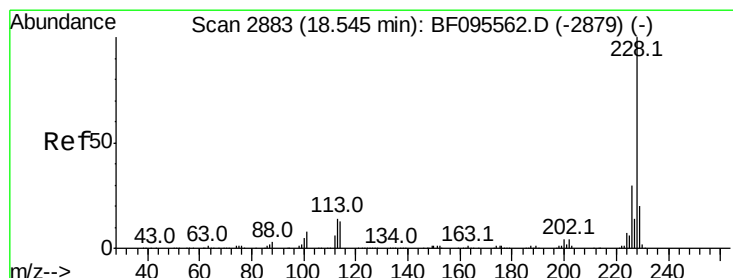
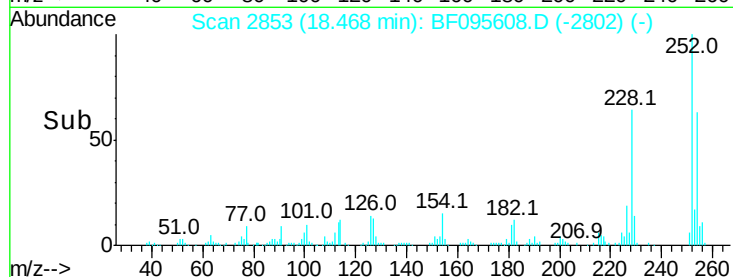
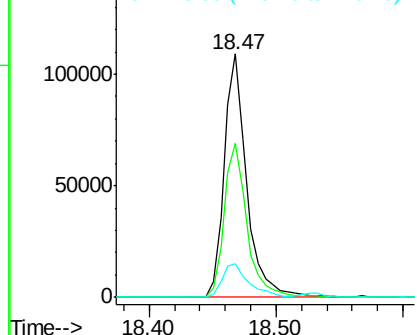
#81
 3,3'-Dichlorobenzidine
 Concen: 30.64 ng
 RT: 18.47 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 134625
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.5 77.3
 126 13.8 15.8 23.8#

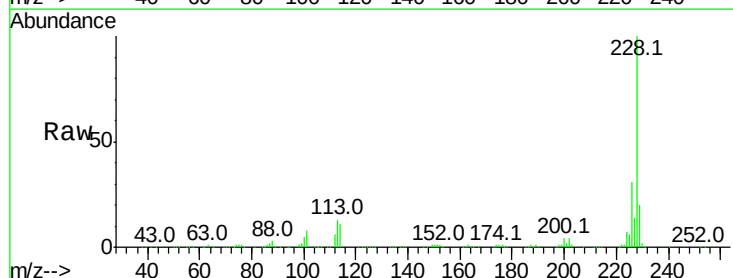


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

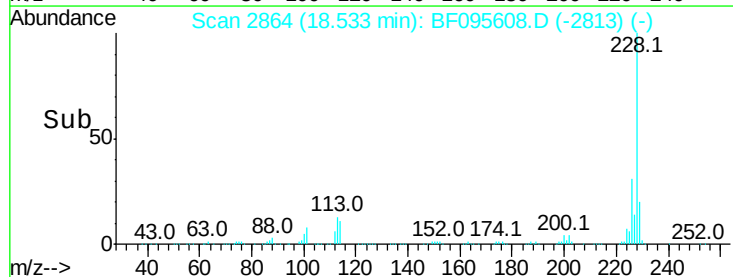
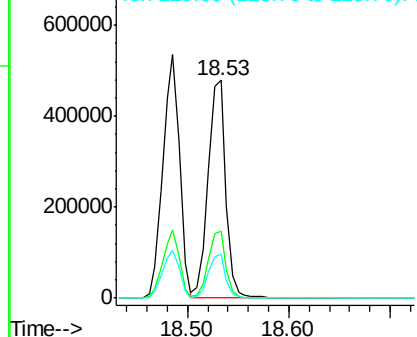


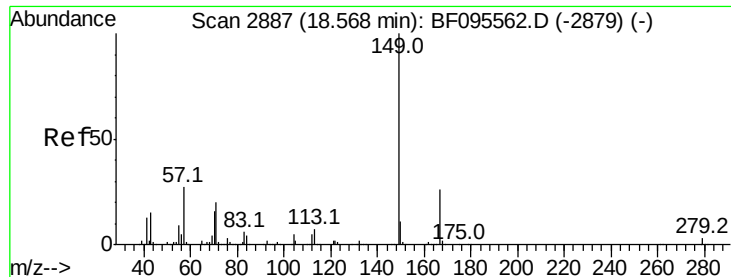
#82
 Chrysene
 Concen: 47.06 ng
 RT: 18.53 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:228 Resp: 578820
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.0 15.8 23.6



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

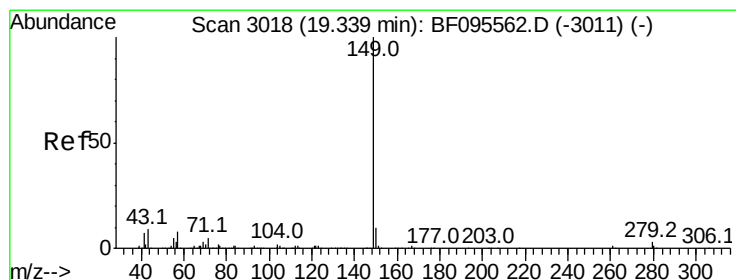
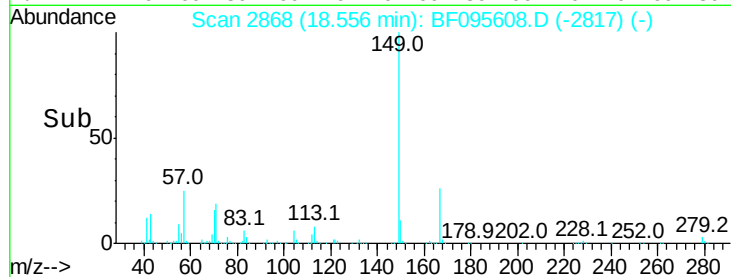
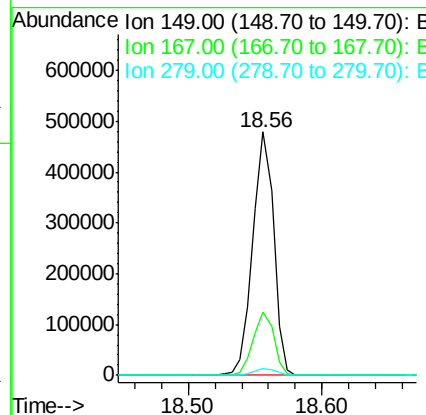
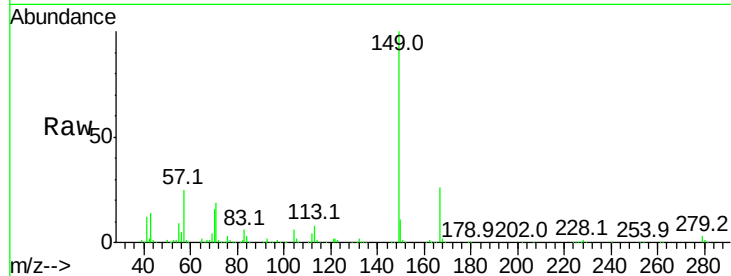




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.45 ng
 RT: 18.56 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

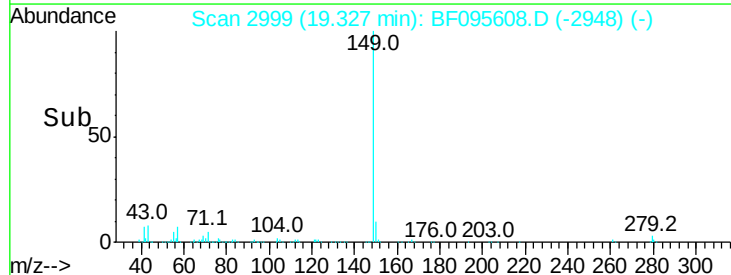
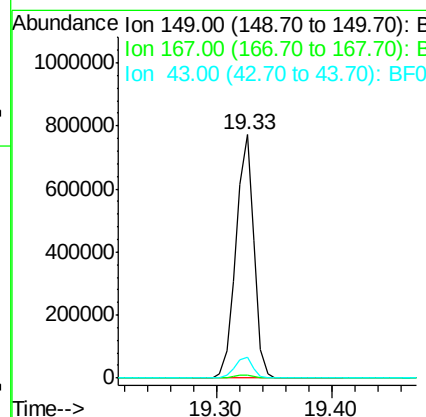
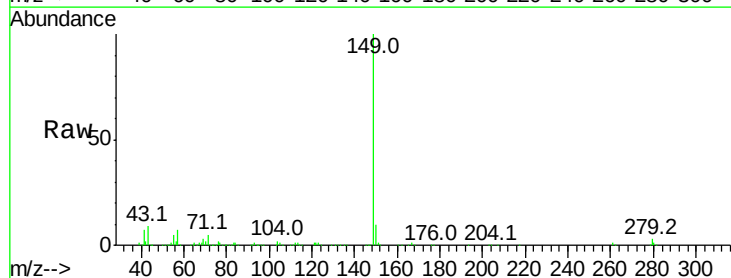
Instrument :
 BNA_F
 ClientSampleId :

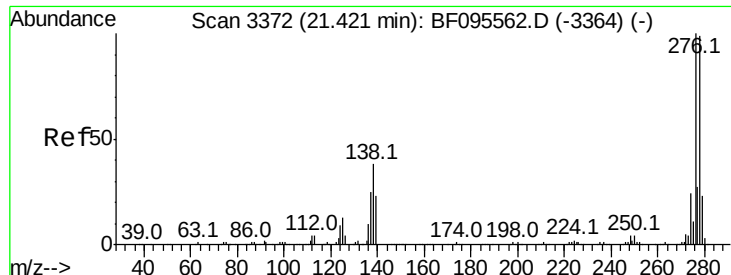
Tot Ion:149 Resp: 514053
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.51 ng
 RT: 19.33 min Scan# 2999
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion:149 Resp: 826049
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.5 12.7

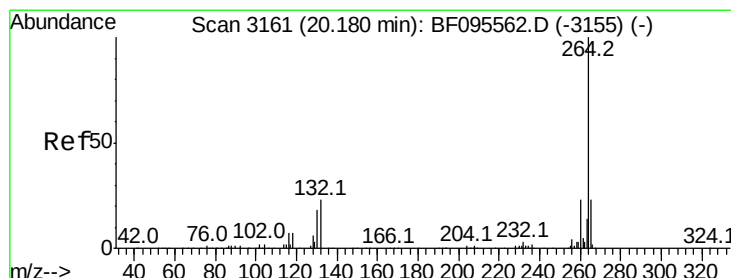
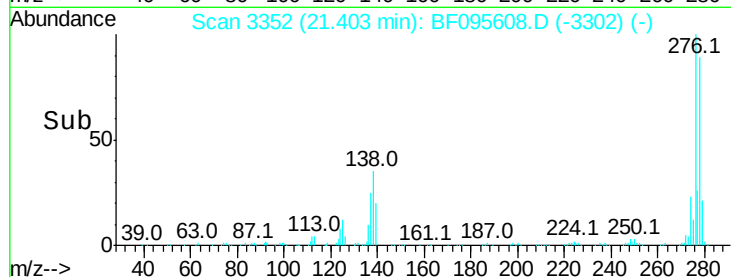
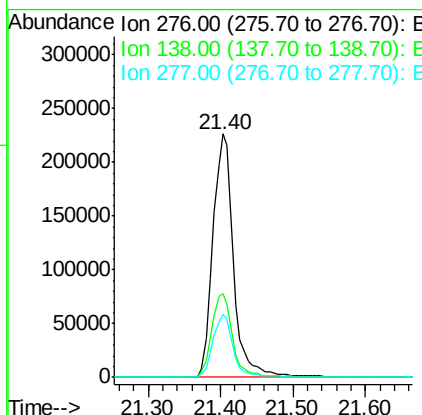
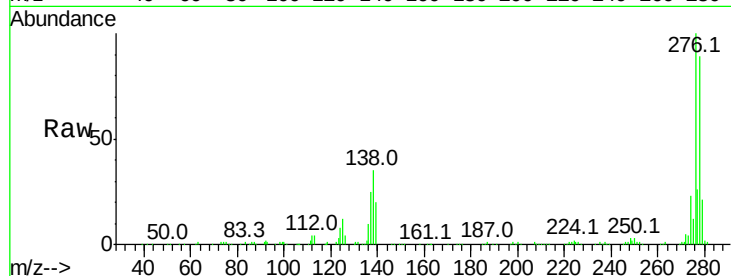




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.90 ng
 RT: 21.40 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

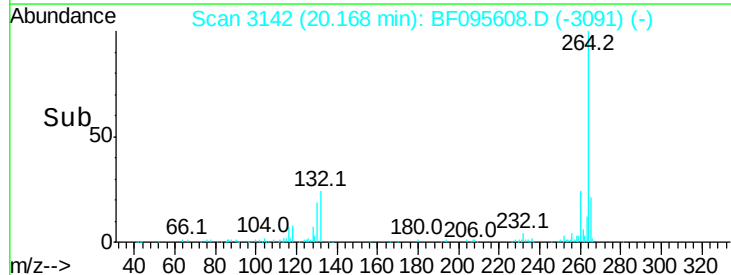
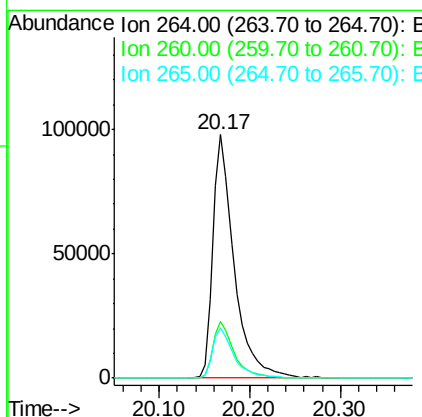
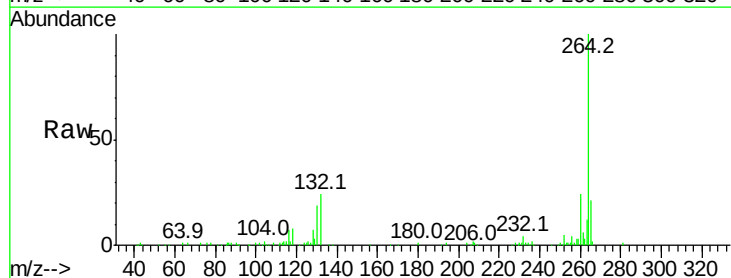
Instrument :
 BNA_F
 ClientSampleId :

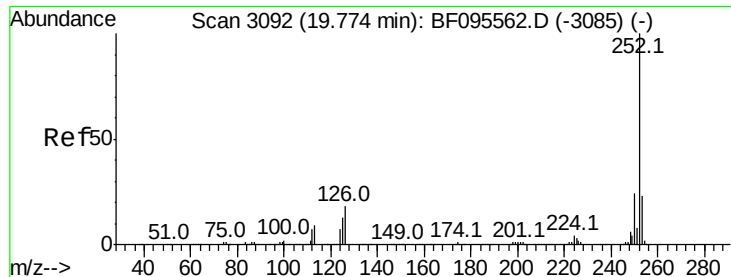
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.9	17.2	25.8

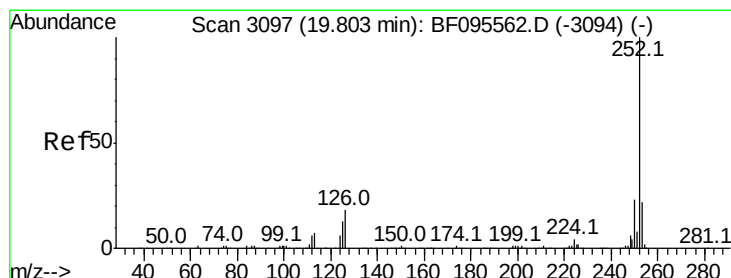
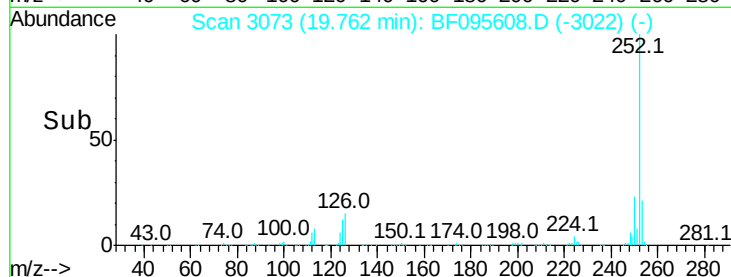
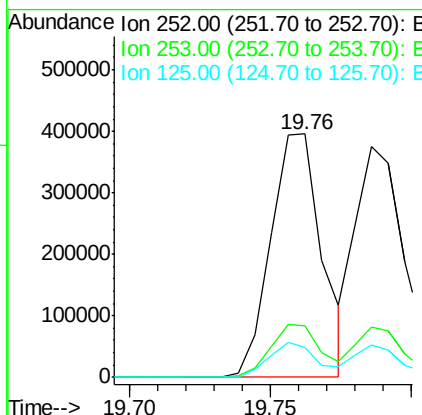
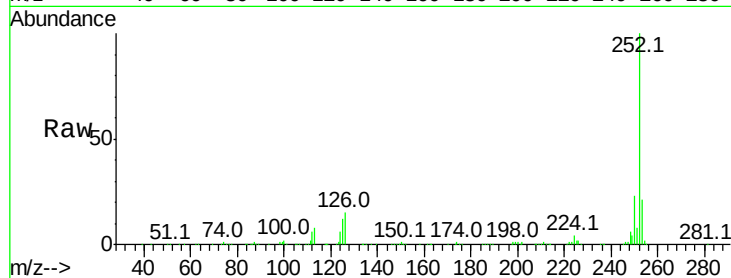




#87
Benzo(b)fluoranthene
Concen: 50.46 ng
RT: 19.76 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

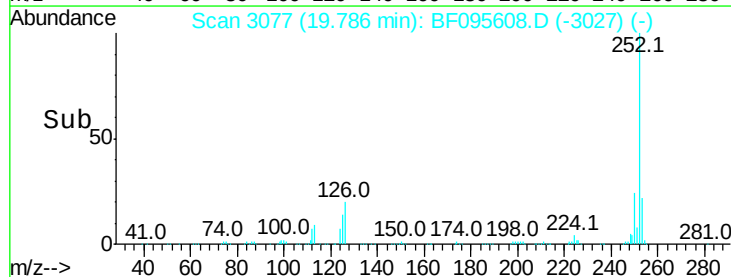
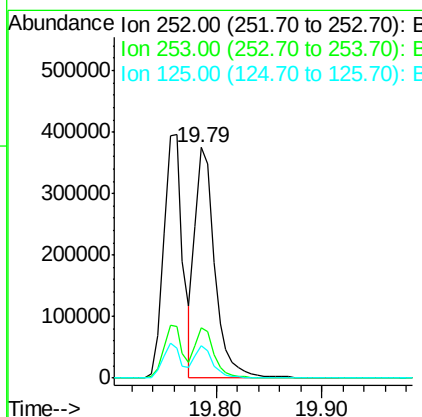
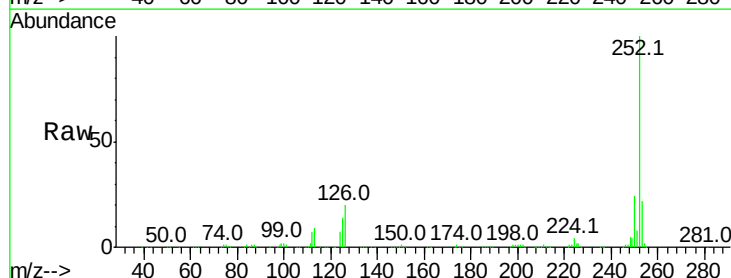
Instrument :
BNA_F
ClientSampled :

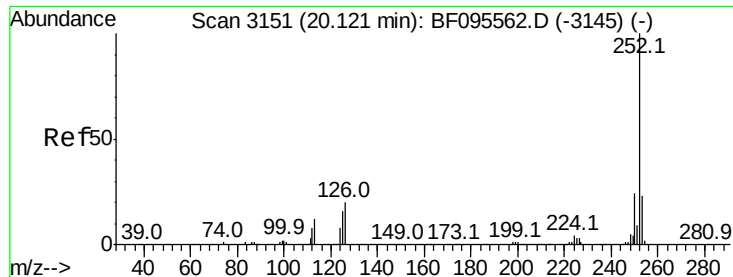
Tot Ion:252 Resp: 498109
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 12.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 50.82 ng
RT: 19.79 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion:252 Resp: 483941
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 14.0 13.1 19.7

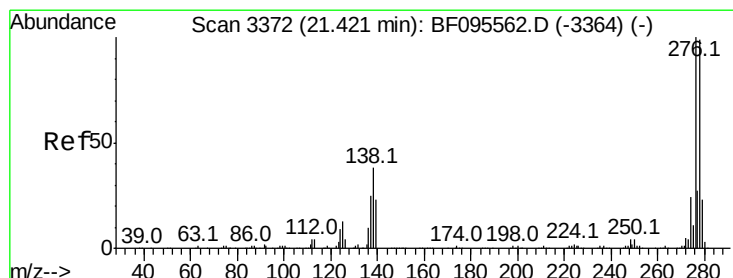
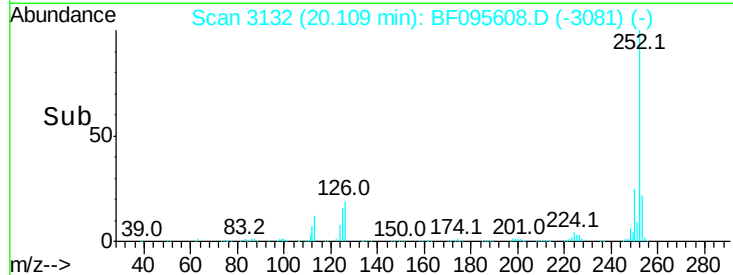
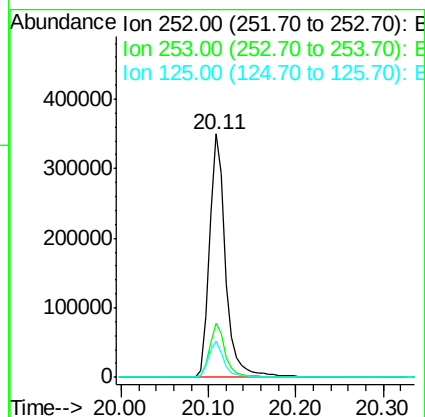
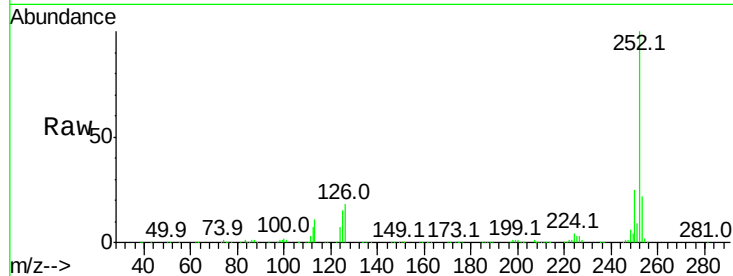




#89
Benzo(a)pyrene
Concen: 49.29 ng
RT: 20.11 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

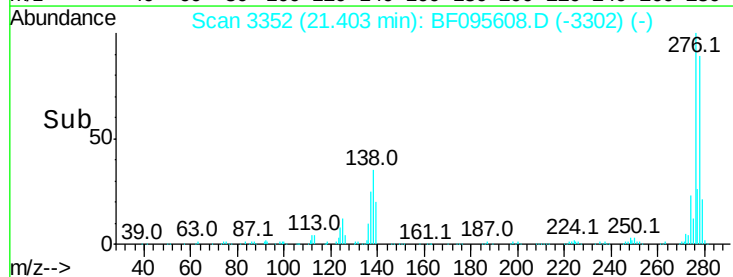
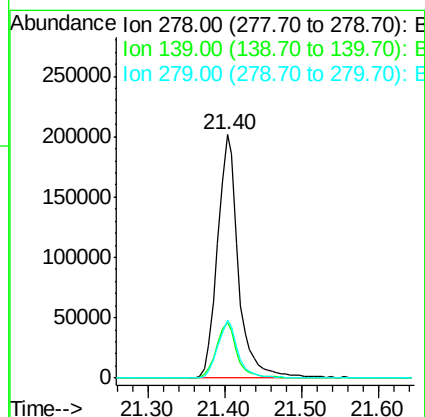
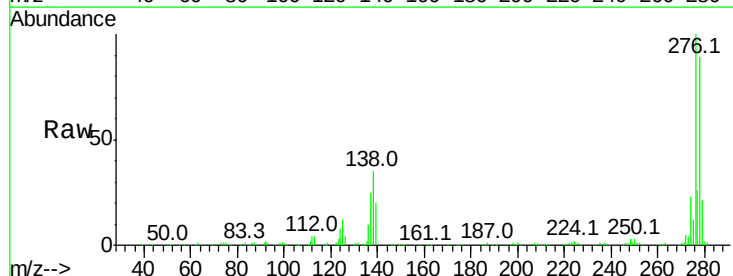
Instrument :
BNA_F
ClientSampleId :

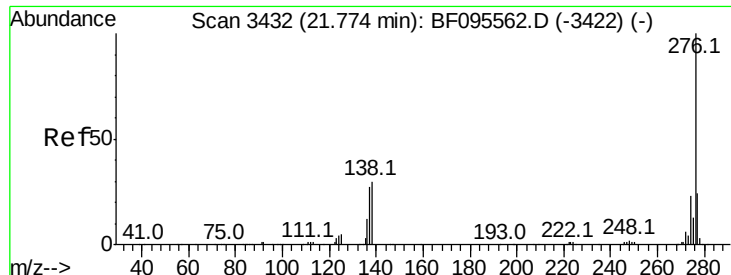
Tot Ion:252 Resp: 448949
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 49.98 ng
RT: 21.40 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BF095608.D
Acq: 1 Jun 2017 22:20

Tgt Ion:278 Resp: 375980
Ion Ratio Lower Upper
278 100
139 22.9 16.6 24.8
279 23.7 19.3 28.9



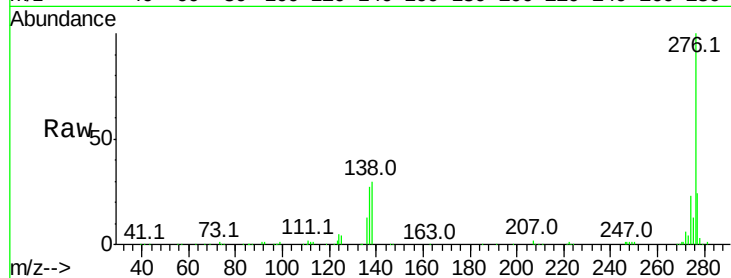


#91
 Benzo(a,h,i)perylene
 Concen: 53.30 ng
 RT: 21.76 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: BF095608.D
 Acq: 1 Jun 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 393495

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	30.5	25.4	38.0



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

