

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096057.D
 Acq On : 20 Jun 2017 21:52
 Operator : SJ/MA
 Sample : I3759-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 01:15:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	67231	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	260569	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	101036	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	159636	20.00	ng	0.00
75) Chrysene-d12	18.29	240	103804	20.00	ng	0.01
86) Perylene-d12	19.96	264	84789	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	624462	148.00	ng	0.02
7) Phenol-d6	6.89	99	697871	138.16	ng	0.01
23) Nitrobenzene-d5	8.22	82	408953	97.47	ng	0.00
41) 2,4,6-Tribromophenol	13.45	330	112502	125.85	ng	0.00
44) 2-Fluorobiphenyl	11.11	172	736394	101.42	ng	0.00
78) Terphenyl-d14	16.93	244	505681	120.90	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.66	88	76750	38.24	ng	92
3) Pyridine	2.20	79	202407	42.91	ng	99
4) n-Nitrosodimethylamine	2.17	42	86958	48.49	ng	80
6) Aniline	6.80	93	164561	24.90	ng	96
8) 2-Chlorophenol	6.99	128	218000	48.59	ng	96
9) Benzaldehyde	6.60	77	57794	16.96	ng	96
10) Phenol	6.90	94	270347	51.60	ng	90
11) bis(2-Chloroethyl)ether	6.95	93	200063	48.20	ng	98
12) 1,3-Dichlorobenzene	7.19	146	232096	45.71	ng	98
13) 1,4-Dichlorobenzene	7.32	146	235648	45.76	ng	97
14) 1,2-Dichlorobenzene	7.56	146	222864	46.95	ng	95
15) Benzyl Alcohol	7.61	79	167036	48.18	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.80	45	276732	47.45	ng	97
17) 2-Methylphenol	7.85	107	177976	47.27	ng	93
18) Hexachloroethane	8.07	117	57979	34.09	ng	# 87
19) n-Nitroso-di-n-propylamine	8.04	70	150823	47.12	ng	95
20) 3+4-Methylphenols	8.13	107	237711	49.74	ng	# 60
22) Acetophenone	7.99	105	302529	49.60	ng	# 83
24) Nitrobenzene	8.25	77	207240	46.24	ng	93
25) Isophorone	8.65	82	364740	46.56	ng	97
26) 2-Nitrophenol	8.76	139	103503	44.10	ng	96
27) 2,4-Dimethylphenol	8.92	122	185162	50.84	ng	99
28) bis(2-Chloroethoxy)methane	9.03	93	248267	48.08	ng	100
29) 2,4-Dichlorophenol	9.22	162	169486	48.32	ng	93
30) 1,2,4-Trichlorobenzene	9.26	180	167816	45.98	ng	98
31) Naphthalene	9.36	128	623586	47.69	ng	99
32) Benzoic acid	9.29	122	73948	34.14	ng	97
33) 4-Chloroaniline	9.53	127	91829	17.97	ng	98
34) Hexachlorobutadiene	9.58	225	86091	45.65	ng	98
35) Caprolactam	10.16	113	38742	37.12	ng	91
36) 4-Chloro-3-methylphenol	10.42	107	166606	45.37	ng	94
37) 2-Methylnaphthalene	10.49	142	404565	45.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	148942	49.26	ng	98
40) Hexachlorocyclopentadiene	10.73	237	1090	12.23	ng	90

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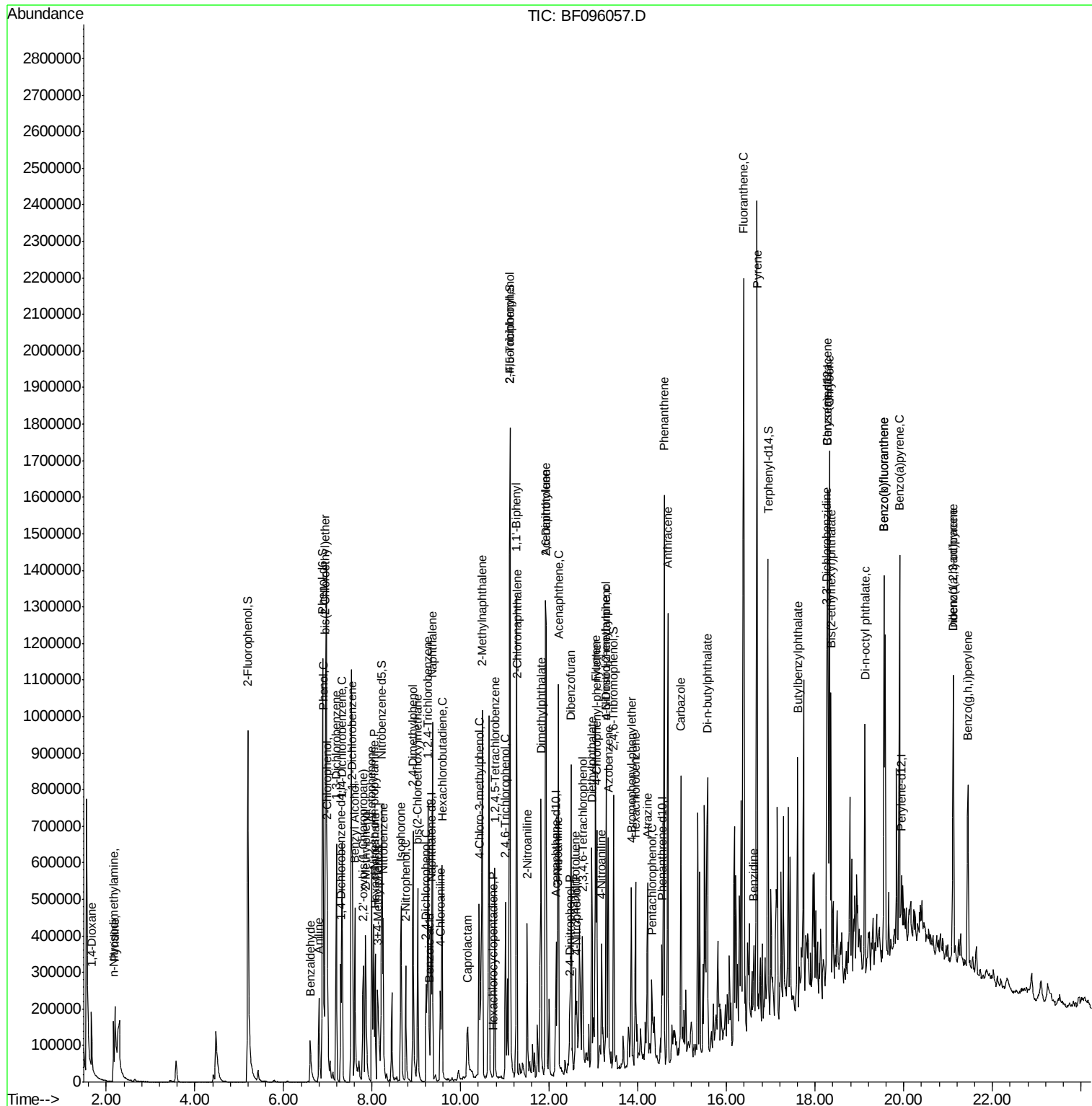
Instrument :
 BNA_F
 ClientSampleId :

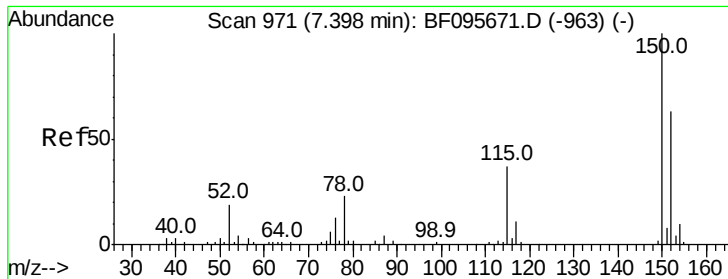
Quant Time: Jun 21 01:15:24 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.01	196	100749	51.82	nq	98
43) 2,4,5-Trichlorophenol	11.11	196	95313	46.09	nq	94
45) 1,1'-Biphenyl	11.26	154	422469	50.73	nq	97
46) 2-Chloronaphthalene	11.27	162	313404	48.17	nq	96
47) 2-Nitroaniline	11.50	65	97043	50.97	nq	# 80
48) Acenaphthylene	11.93	152	786495	70.69	nq	99
49) Dimethylphthalate	11.82	163	486544	63.42	nq	98
50) 2,6-Dinitrotoluene	11.92	165	66153	39.54	nq	# 62
51) Acenaphthene	12.20	154	323364	50.32	nq	100
52) 3-Nitroaniline	12.18	138	73045	37.47	nq	89
53) 2,4-Dinitrophenol	12.45	184	7495	13.75	nq	# 81
54) Dibenzofuran	12.49	168	460730	50.95	nq	97
55) 4-Nitrophenol	12.62	139	95127	83.37	nq	# 73
56) 2,4-Dinitrotoluene	12.59	165	86803	38.41	nq	# 93
57) Fluorene	13.04	166	393690	50.02	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.75	232	67701	47.85	nq	92
59) Diethylphthalate	12.96	149	360464	48.83	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	151396	44.24	nq	90
61) 4-Nitroaniline	13.19	138	83793	46.03	nq	93
62) Azobenzene	13.33	77	299717	44.79	nq	94
64) 4,6-Dinitro-2-methylphenol	13.29	198	8757	8.35	nq	# 1
65) n-Nitrosodiphenylamine	13.29	169	283898	49.49	nq	96
66) 4-Bromophenyl-phenylether	13.85	248	80976	48.81	nq	99
67) Hexachlorobenzene	13.94	284	75950	46.46	nq	# 84
68) Atrazine	14.22	200	78072	48.90	nq	95
69) Pentachlorophenol	14.32	266	48241	78.00	nq	99
70) Phenanthrene	14.59	178	896432	97.32	nq	98
71) Anthracene	14.67	178	689512	71.70	nq	98
72) Carbazole	14.97	167	418620	44.67	nq	97
73) Di-n-butylphthalate	15.57	149	515769	51.73	nq	98
74) Fluoranthene	16.39	202	1238914	135.90	nq	99
76) Benzidine	16.62	184	73032	18.32	nq	# 92
77) Pyrene	16.70	202	1446061	186.70	nq	99
79) Butylbenzylphthalate	17.60	149	205971	60.89	nq	# 86
80) Benzo(a)anthracene	18.28	228	739366	122.51	nq	95
81) 3,3'-Dichlorobenzidine	18.26	252	85905	40.04	nq	96
82) Chrysene	18.33	228	700342	116.12	nq	97
83) Bis(2-ethylhexyl)phthalate	18.36	149	286554	60.05	nq	# 98
84) Di-n-octyl phthalate	19.13	149	445605	56.67	nq	97
85) Indeno(1,2,3-cd)pyrene	21.12	276	370860	71.87	nq	97
87) Benzo(b)fluoranthene	19.56	252	594301	111.94	nq	# 97
88) Benzo(k)fluoranthene	19.56	252	594301	117.11	nq	98
89) Benzo(a)pyrene	19.90	252	507024	103.90	nq	96
90) Dibenzo(a,h)anthracene	21.11	278	221415	53.49	nq	96
91) Benzo(g,h,i)perylene	21.44	276	345332	81.83	nq	99

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

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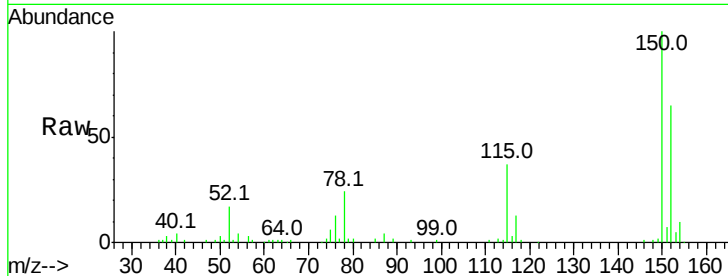


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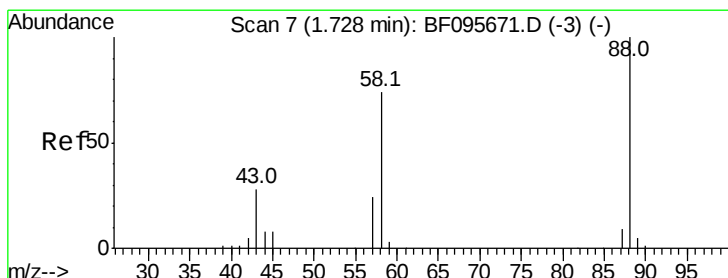
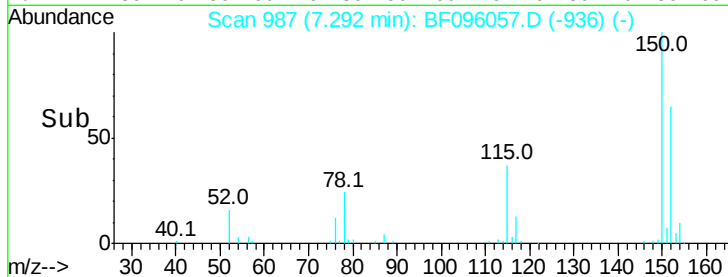
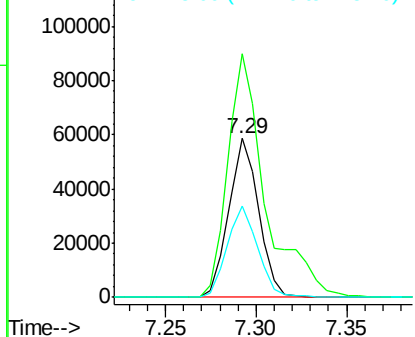
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67231
Ion Ratio Lower Upper
152 100
150 153.2 126.2 189.2
115 57.4 52.2 78.2



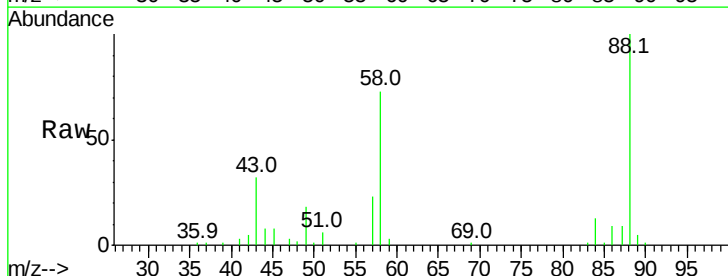
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



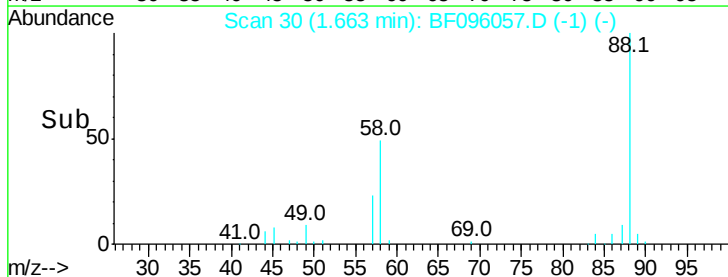
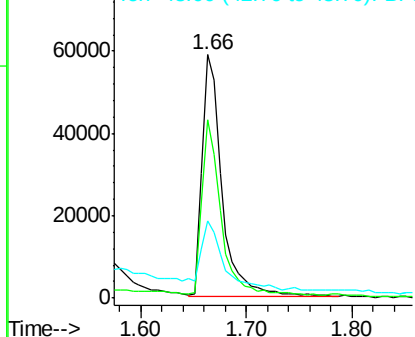
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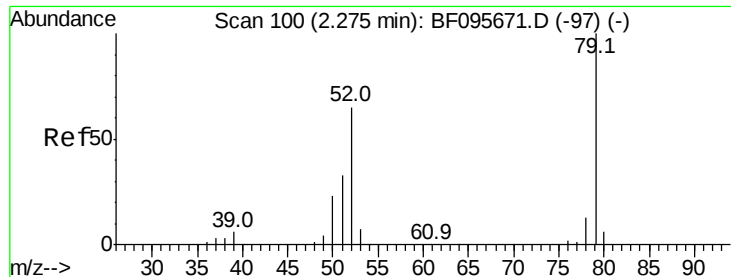
1,4-Dioxane
Concen: 38.24 ng
RT: 1.66 min Scan# 30
Delta R.T. 0.05 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion: 88 Resp: 76750
Ion Ratio Lower Upper
88 100
58 69.3 61.4 92.0
43 32.0 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

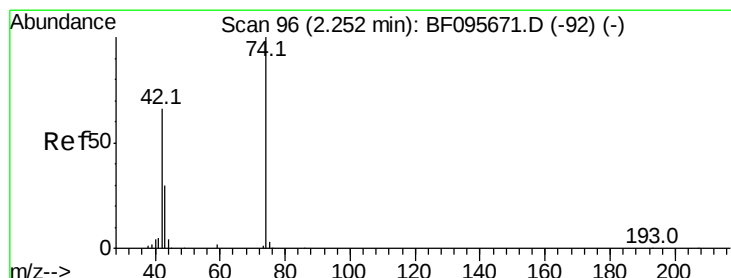
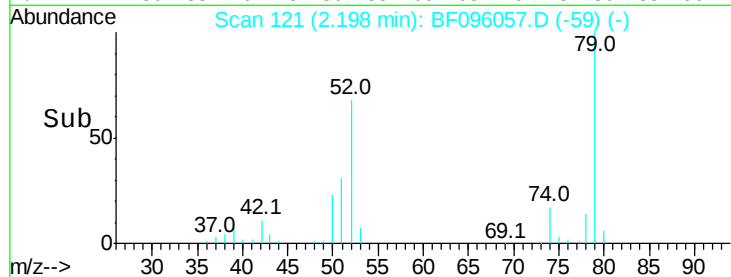
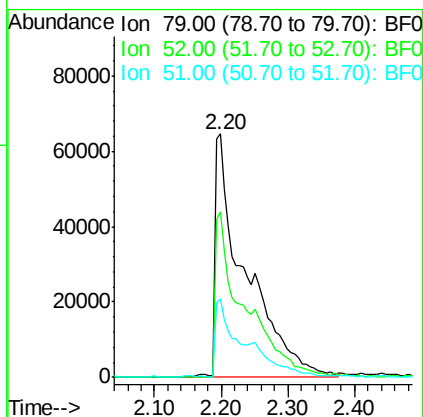
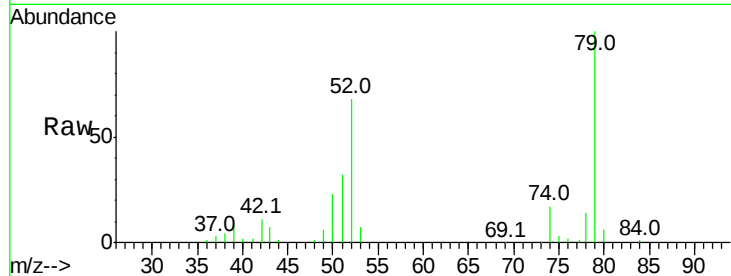




#3
 Pvridine
 Concen: 42.91 ng
 RT: 2.20 min Scan# 121
 Delta R.T. 0.06 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

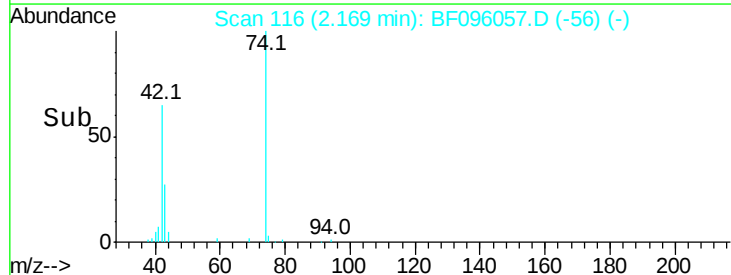
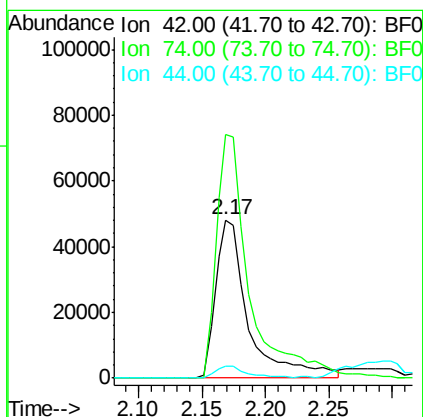
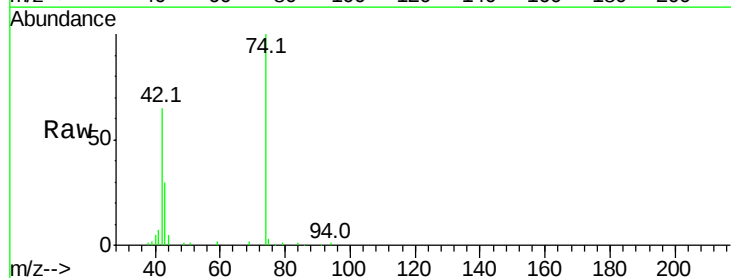
Instrument :
 BNA_F
 ClientSampled :

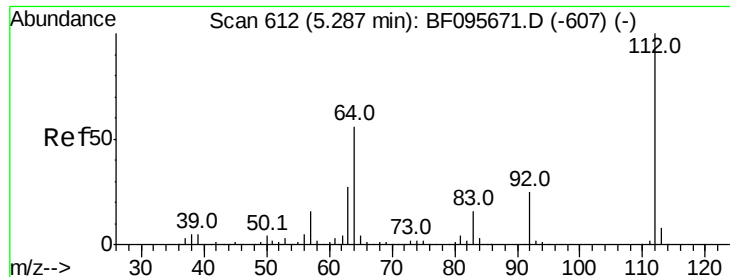
Tot Ion: 79 Resp: 202407
 Ion Ratio Lower Upper
 79 100
 52 67.8 54.8 82.2
 51 32.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 48.49 ng
 RT: 2.17 min Scan# 116
 Delta R.T. 0.05 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion: 42 Resp: 86958
 Ion Ratio Lower Upper
 42 100
 74 153.9 103.9 155.9
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 148.00 ng

RT: 5.20 min Scan# 631

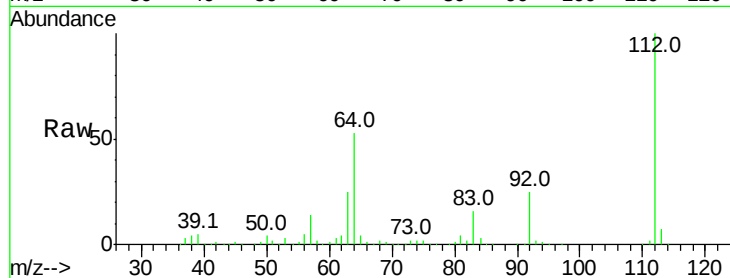
Delta R.T. 0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :
BNA_F
ClientSampled :

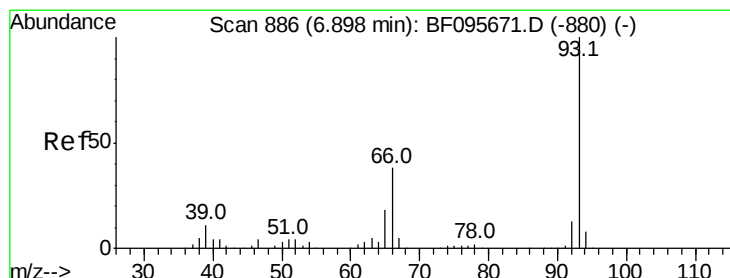
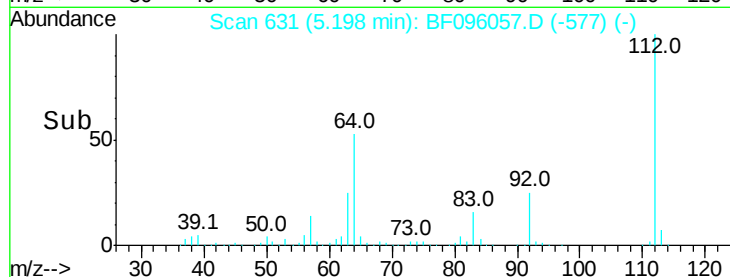
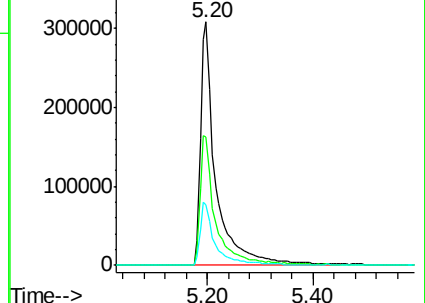
Tot Ion:	112	Resp:	624462
Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.0	69.0
63	25.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.90 ng

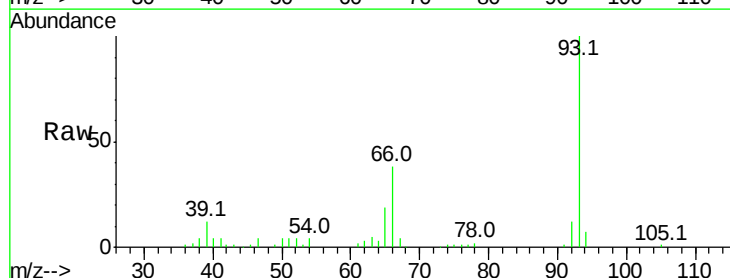
RT: 6.80 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

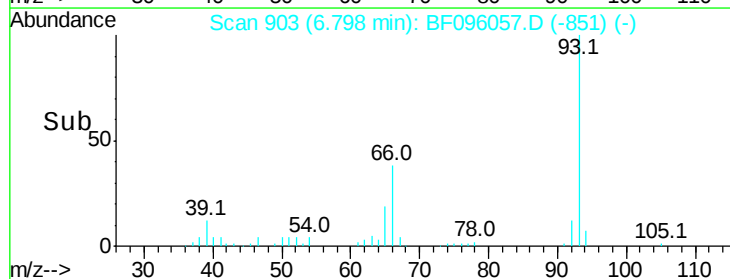
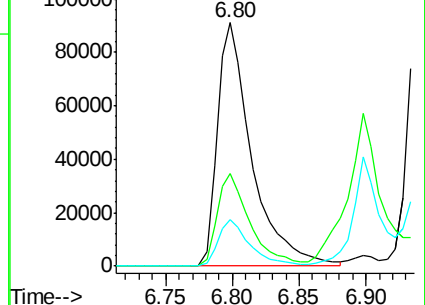
Tgt Ion:	93	Resp:	164561
Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.9	49.3
65	19.1	16.0	24.0

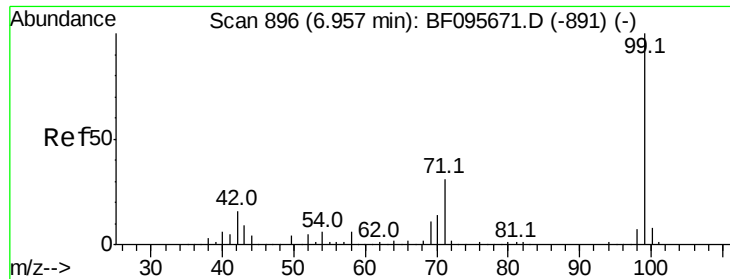


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.16 ng

RT: 6.89 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampled :

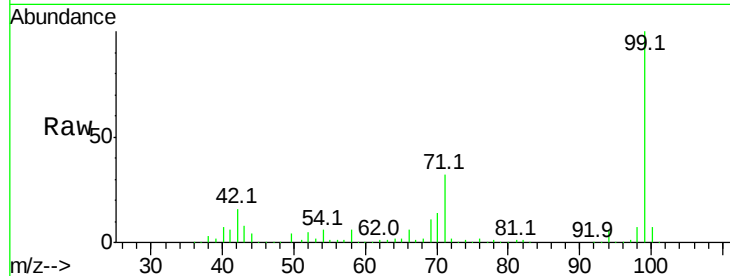
Tot Ion: 99 Resp: 697871

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

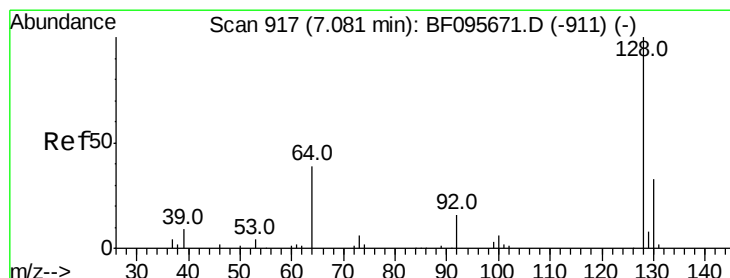
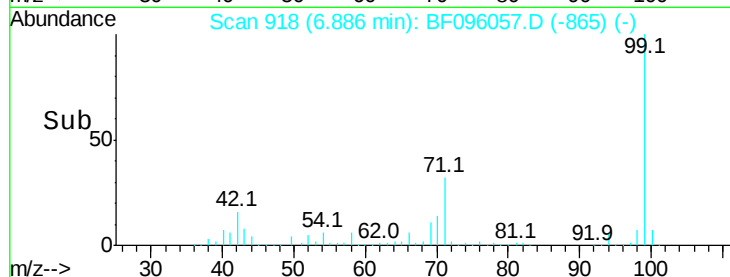
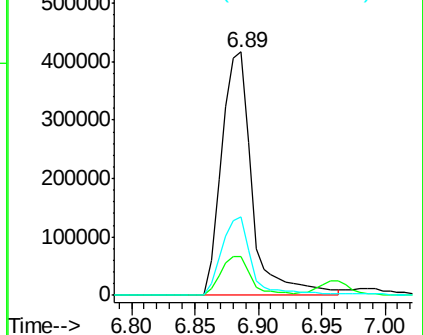
71 32.1 24.5 36.7



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: 48.59 ng

RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

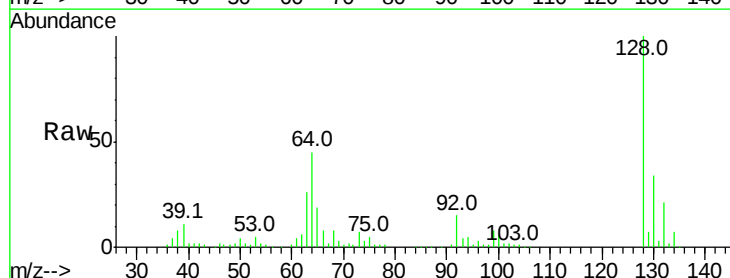
Tgt Ion: 128 Resp: 218000

Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

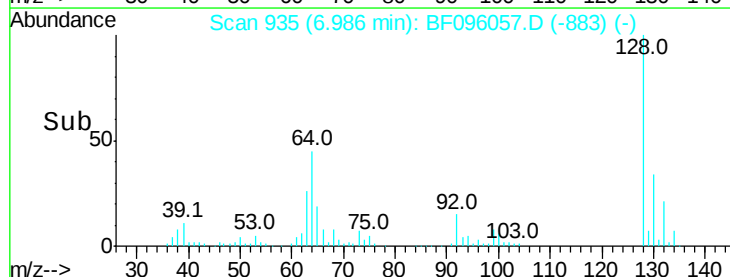
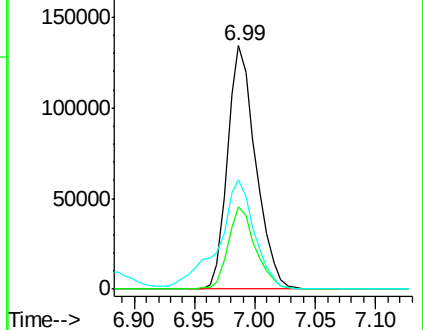
64 44.8 28.4 68.4

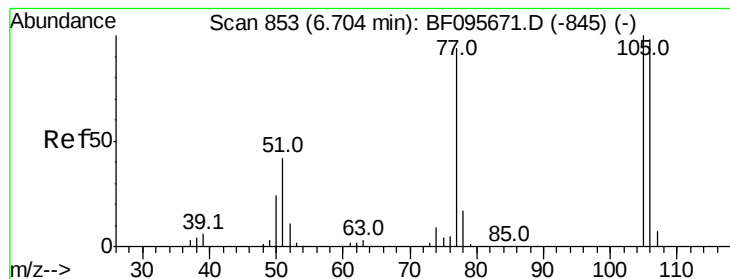


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.96 ng

RT: 6.60 min Scan# 870

Delta R.T. 0.01 min

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Instrument :

BNA_F

ClientSampleId :

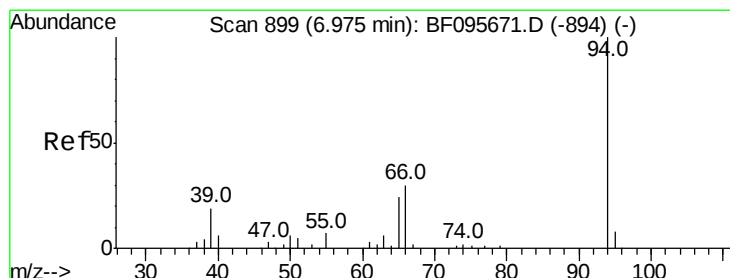
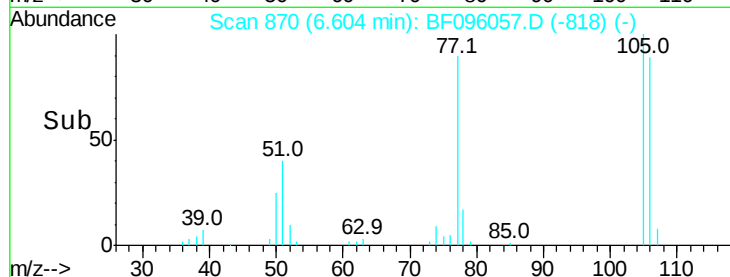
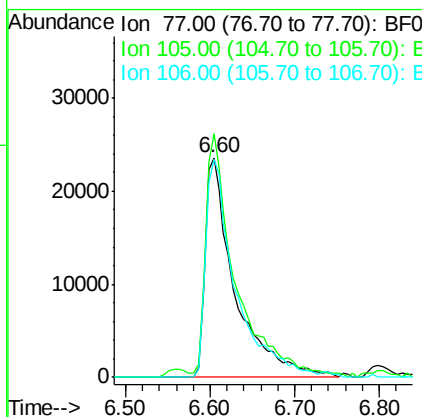
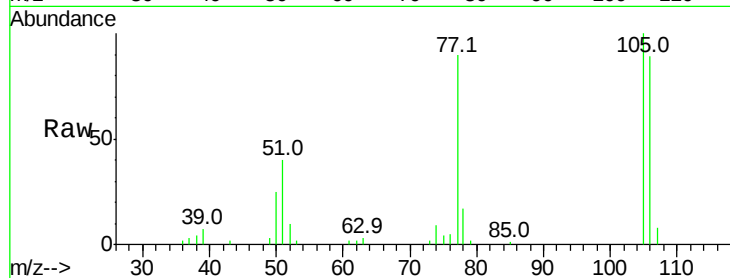
Tot Ion: 77 Resp: 57794

Ion Ratio Lower Upper

77 100

105 110.9 83.8 123.8

106 99.1 79.1 119.1



#10

Phenol

Concen: 51.60 ng

RT: 6.90 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

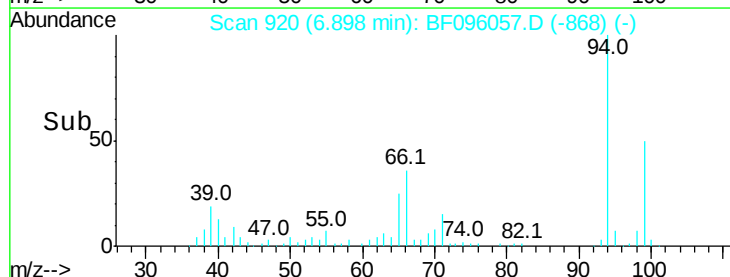
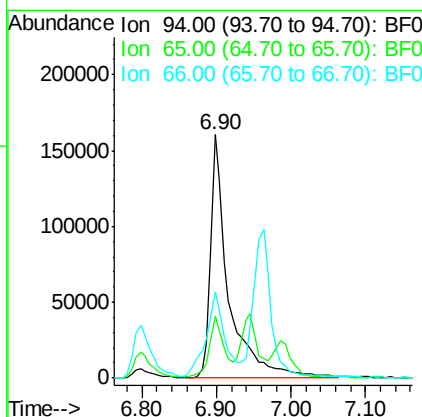
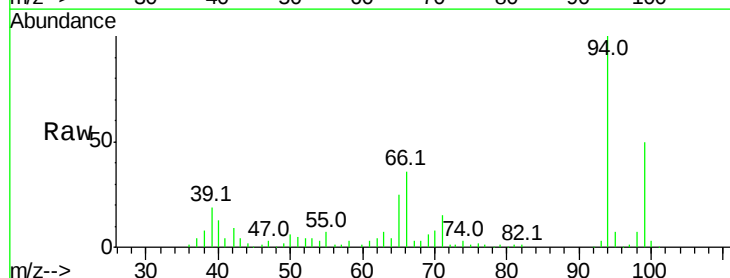
Tgt Ion: 94 Resp: 270347

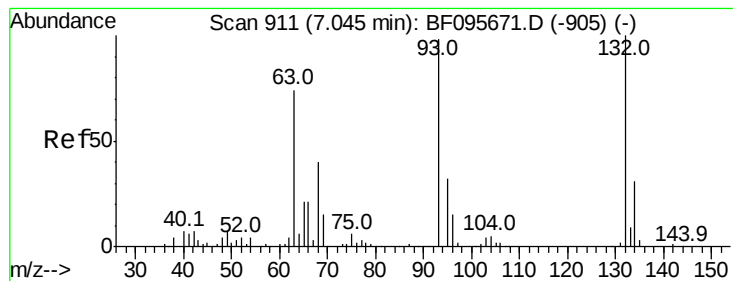
Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

66 35.6 23.1 63.1

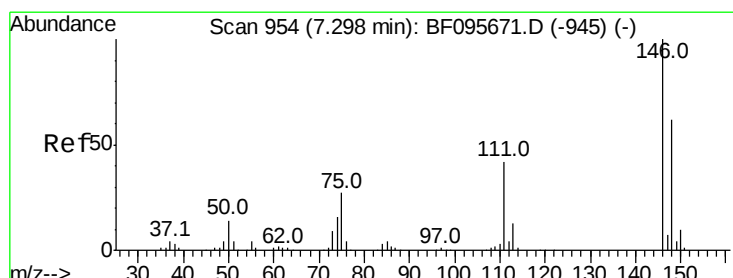
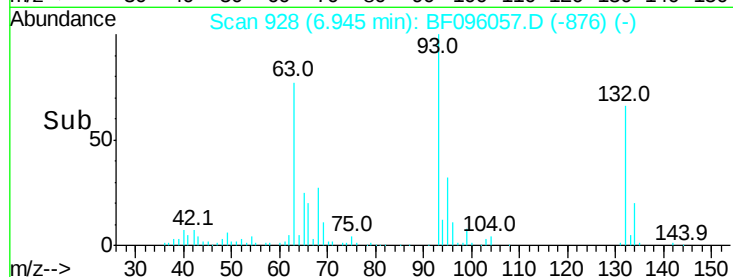
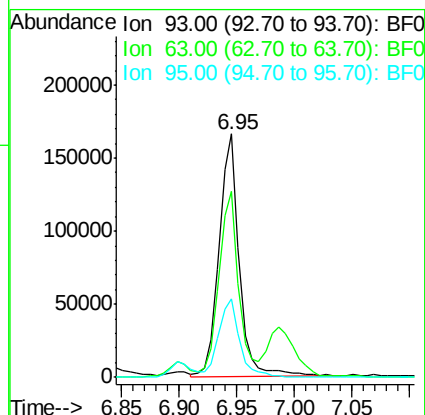
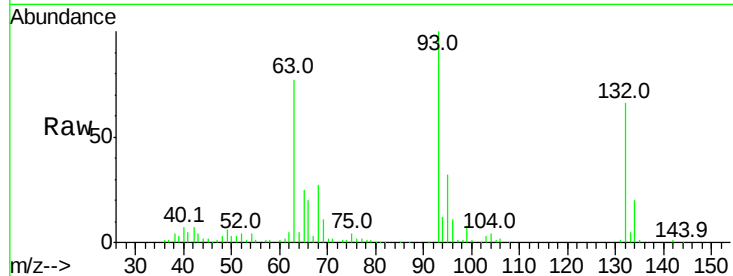




#11
bis(2-Chloroethyl)ether
Concen: 48.20 ng
RT: 6.95 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

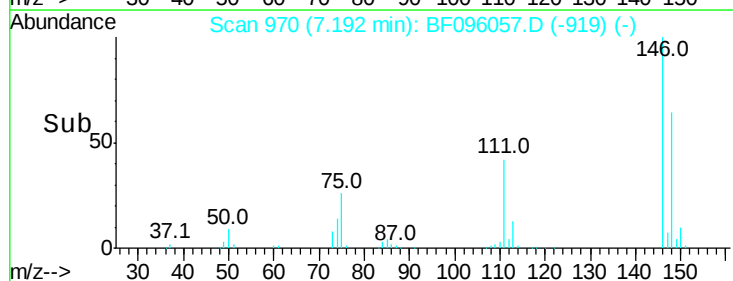
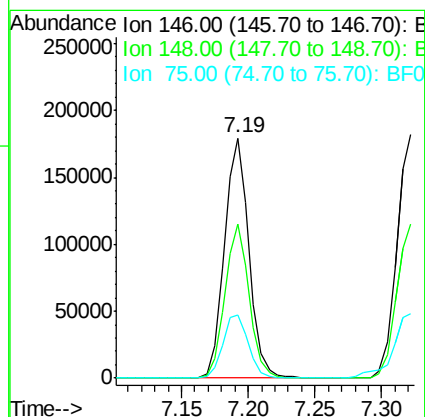
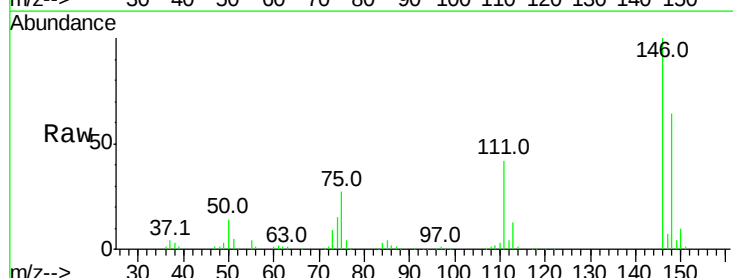
Instrument :
BNA_F
ClientSampled :

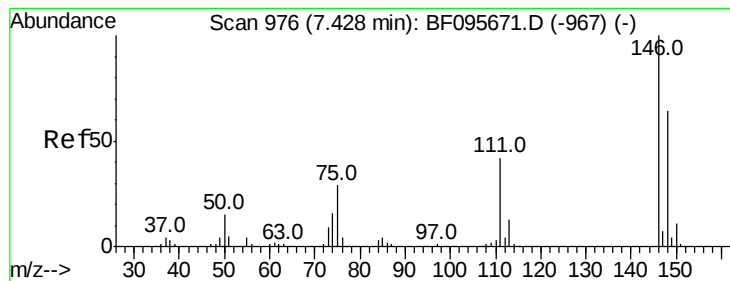
Tot Ion: 93 Resp: 200063
Ion Ratio Lower Upper
93 100
63 76.5 59.2 99.2
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.71 ng
RT: 7.19 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion: 146 Resp: 232096
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 26.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 45.76 ng

RT: 7.32 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampled :

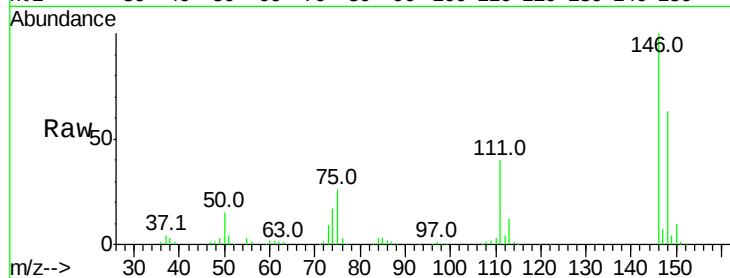
Tot Ion:146 Resp: 235648

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

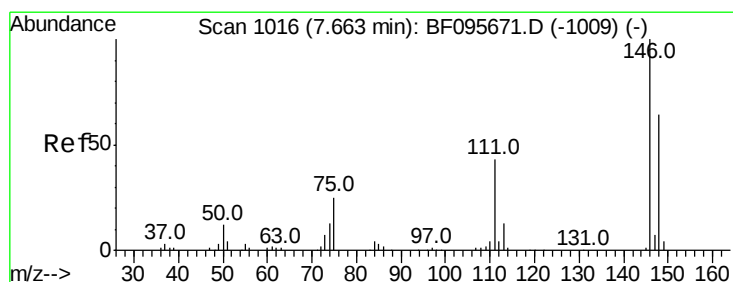
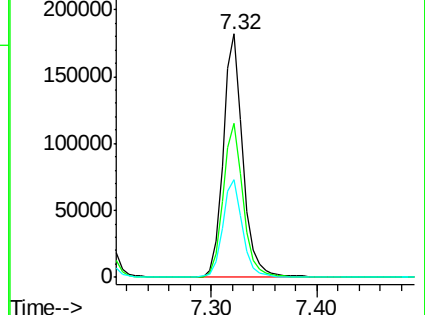
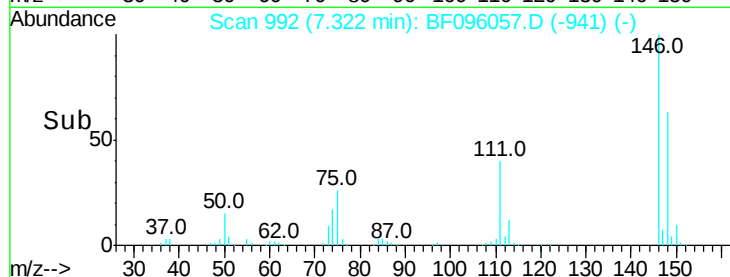
111 40.0 30.3 45.5



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: 46.95 ng

RT: 7.56 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

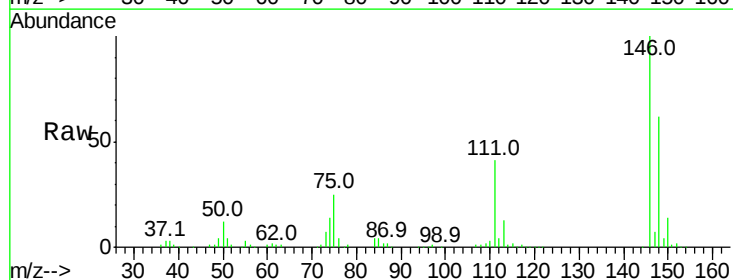
Tgt Ion:146 Resp: 222864

Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

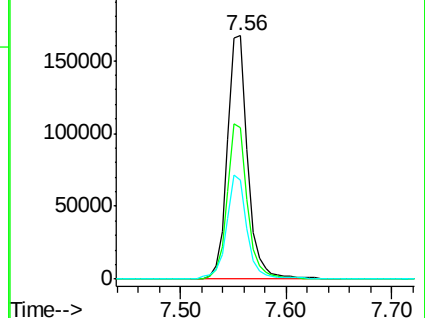
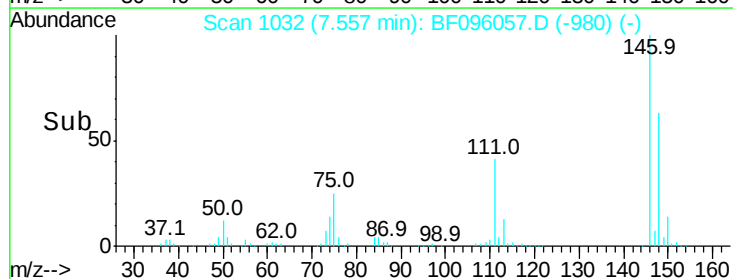
111 40.7 38.2 57.4

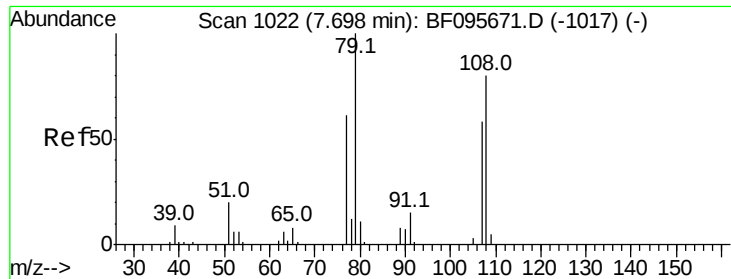


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.18 ng

RT: 7.61 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

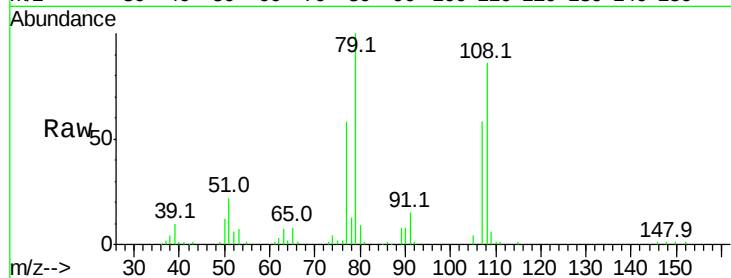
Tot Ion: 79 Resp: 167036

Ion Ratio Lower Upper

79 100

108 85.5 63.4 95.0

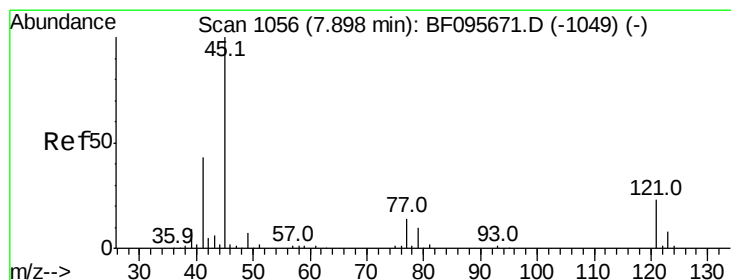
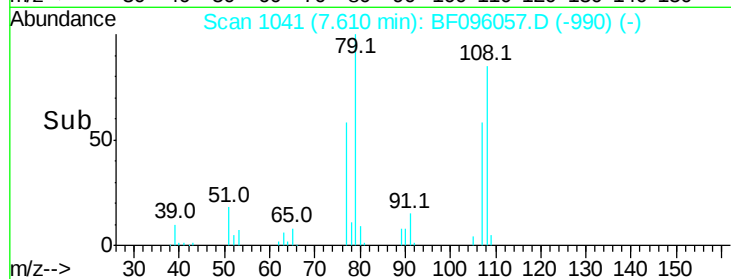
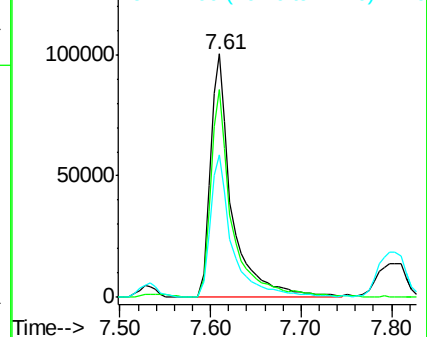
77 58.5 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.45 ng

RT: 7.80 min Scan# 1074

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

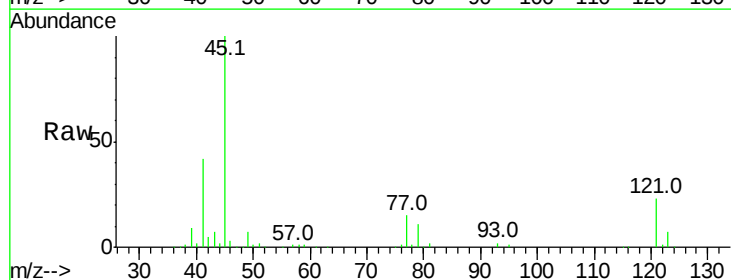
Tgt Ion: 45 Resp: 276732

Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.2

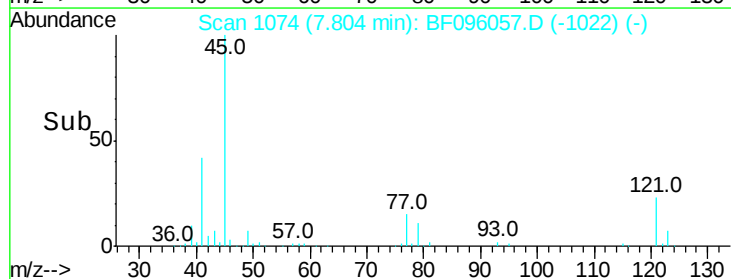
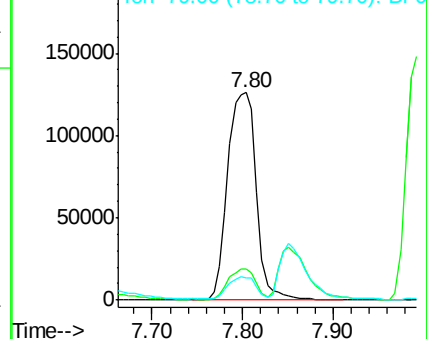
79 10.9 0.0 30.0

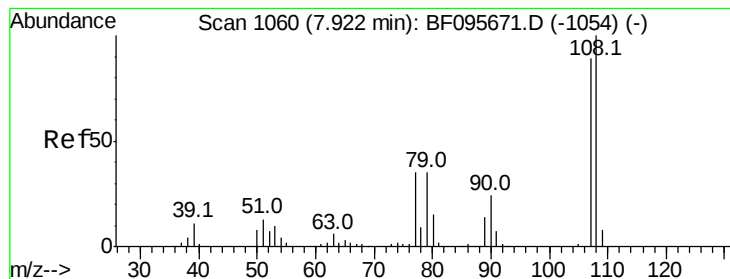


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 47.27 ng

RT: 7.85 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 177976

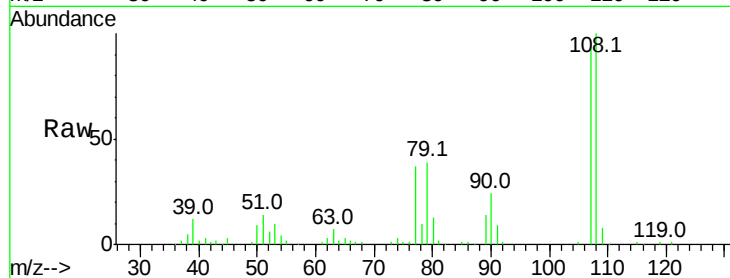
Ion Ratio Lower Upper

107 100

108 108.1 93.4 140.0

77 39.6 35.8 53.6

79 42.3 34.8 52.2

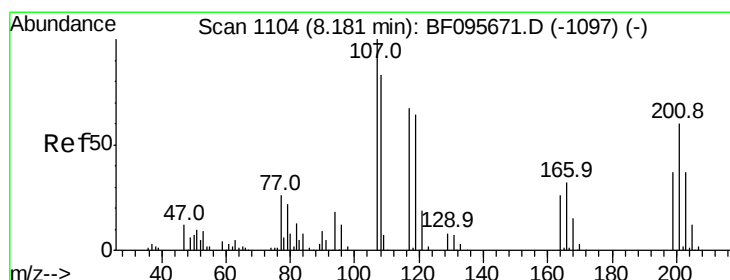
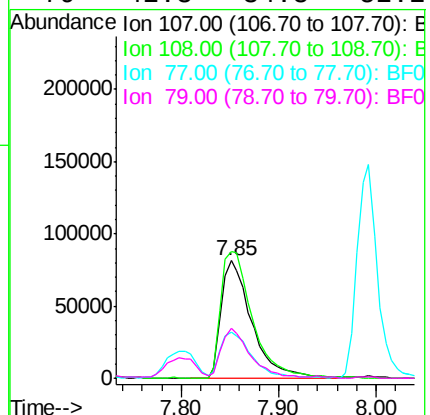
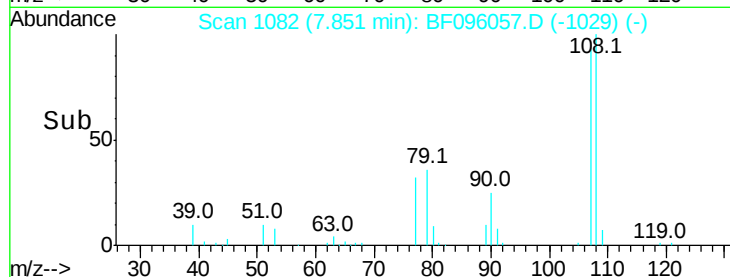


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.09 ng

RT: 8.07 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

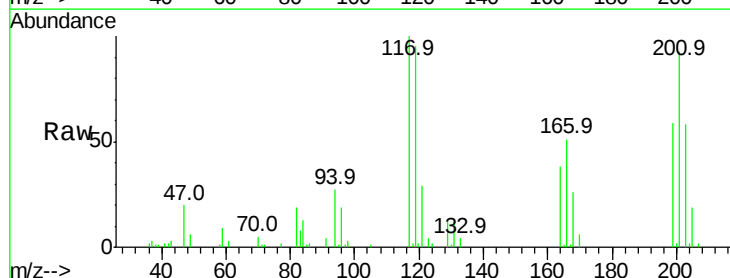
Tgt Ion:117 Resp: 57979

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.0

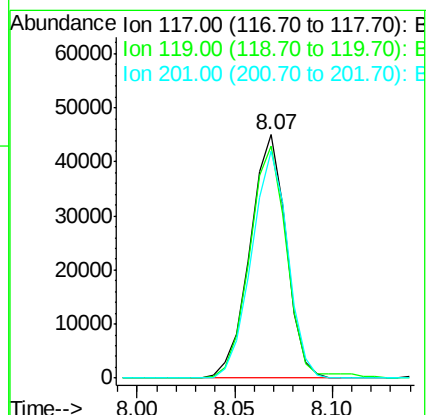
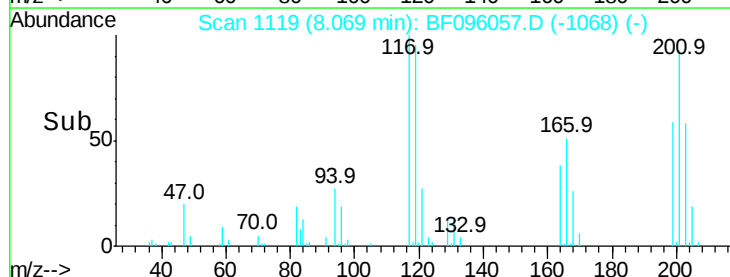
201 93.3 94.6 141.8#

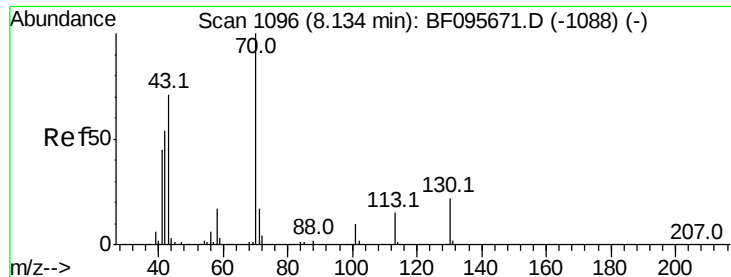


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

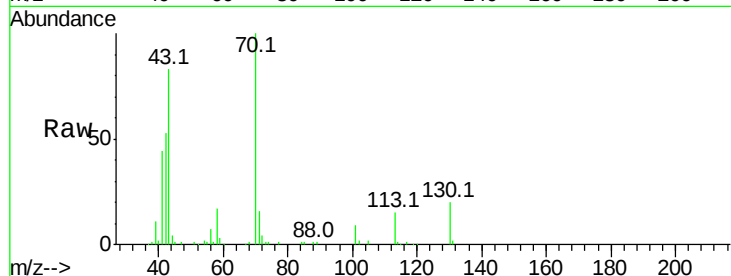




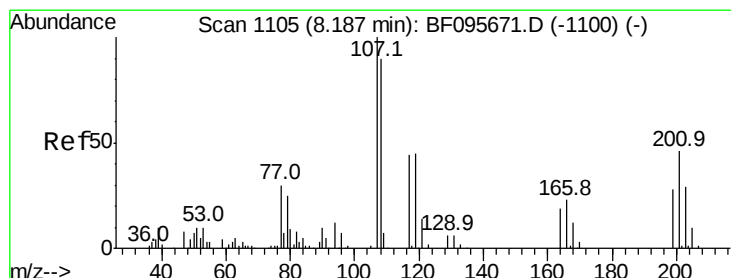
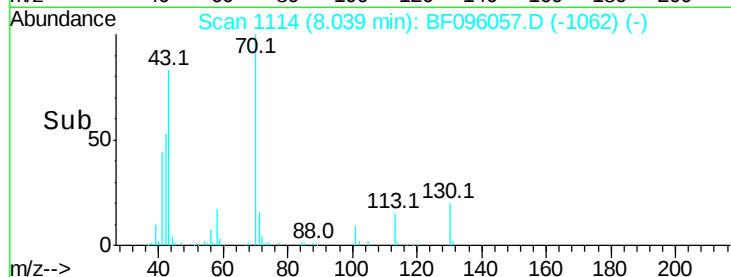
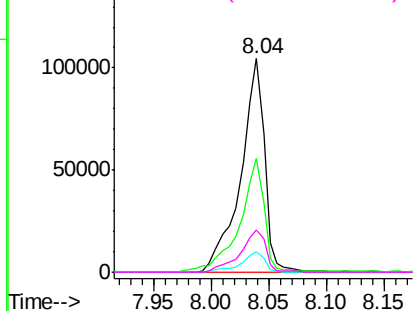
#19
n-Nitroso-di-n-propylamine
Concen: 47.12 ng
RT: 8.04 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 150823
Ion Ratio Lower Upper
70 100
42 53.2 47.2 70.8
101 9.4 7.2 10.8
130 19.9 15.9 23.9

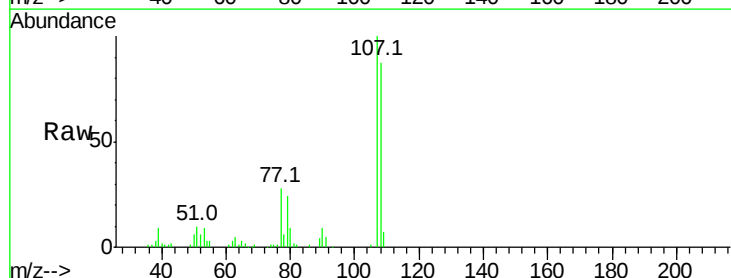


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

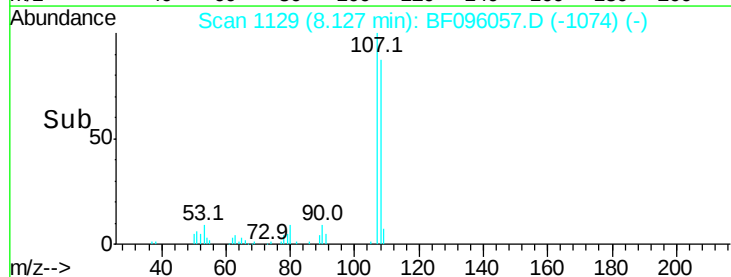
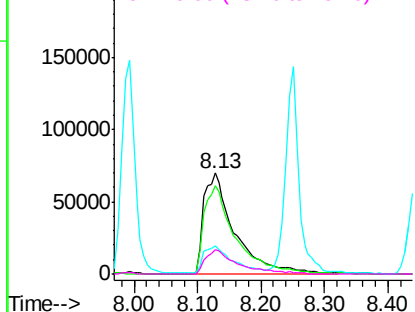


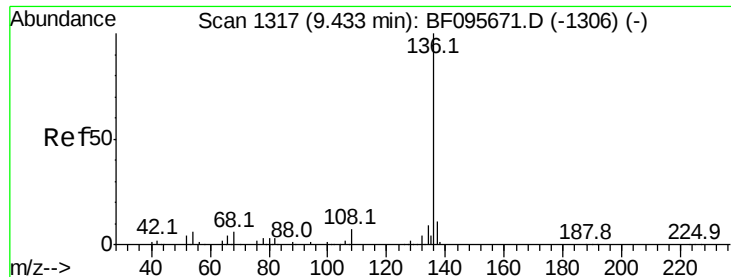
#20
3+4-Methylphenols
Concen: 49.74 ng
RT: 8.13 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion: 107 Resp: 237711
Ion Ratio Lower Upper
107 100
108 87.3 71.0 111.0
77 27.9 90.5 130.5#
79 24.3 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: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 260569

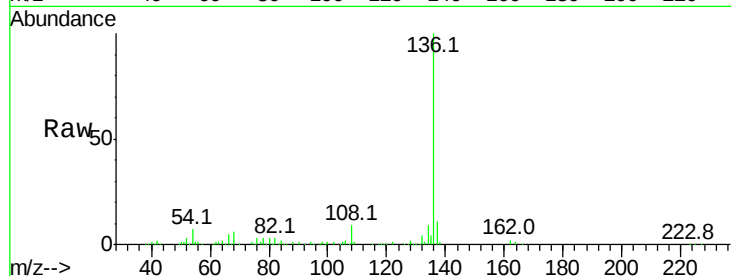
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

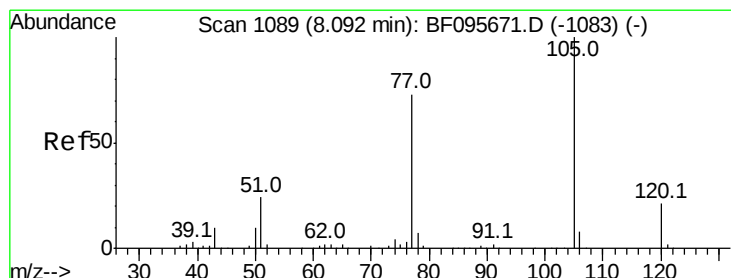
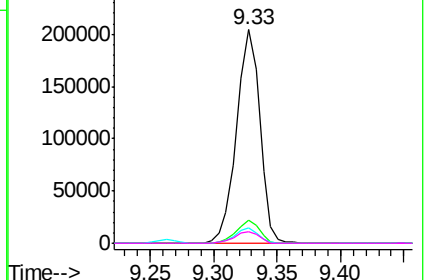
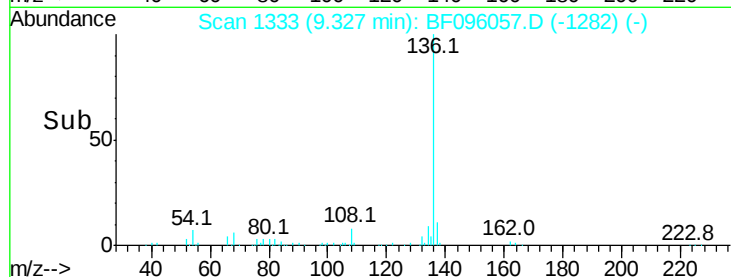


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.60 ng

RT: 7.99 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Tgt Ion:105 Resp: 302529

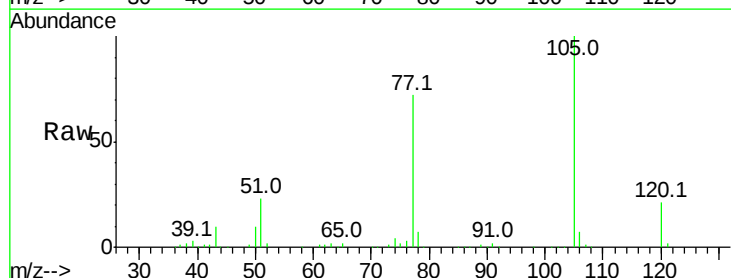
Ion Ratio Lower Upper

105 100

71 0.1 2.8 4.2#

51 22.8 30.7 46.1#

120 20.7 17.4 26.0

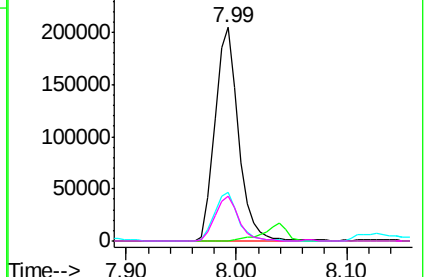
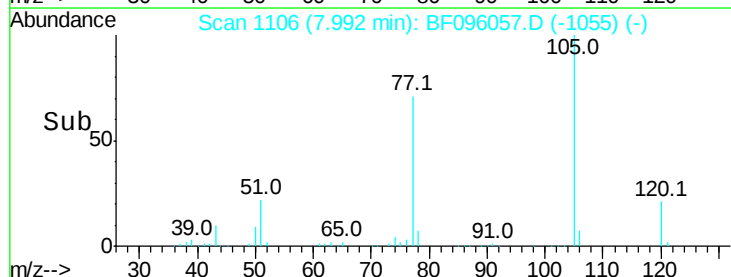


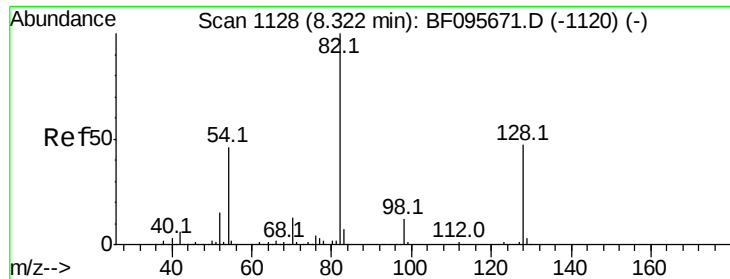
Abundance Ion 105.00 (104.70 to 105.70): E

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

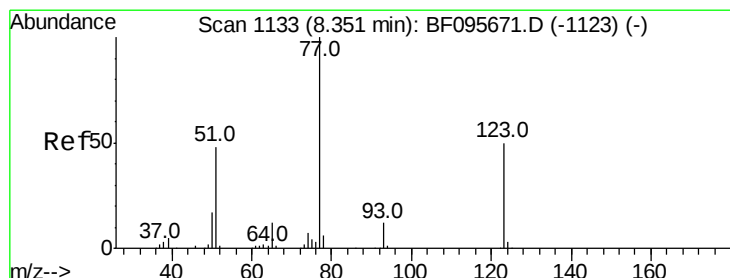
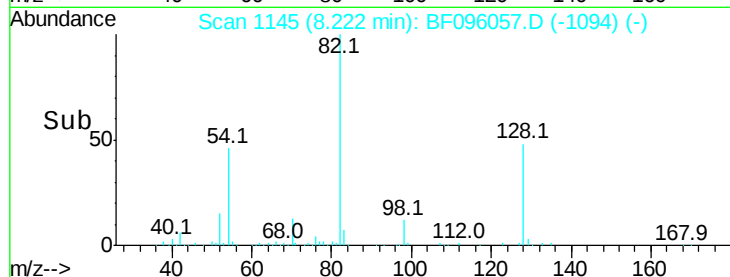
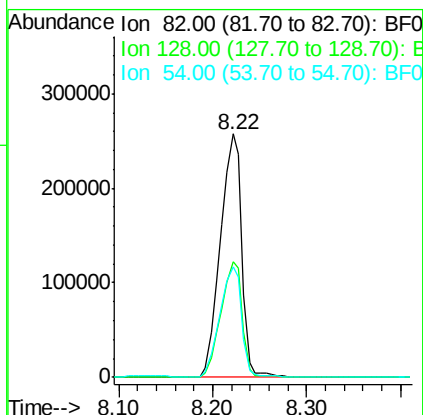
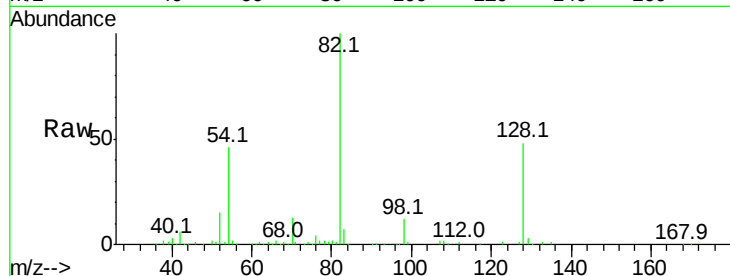




#23
 Nitrobenzene-d5
 Concen: 97.47 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

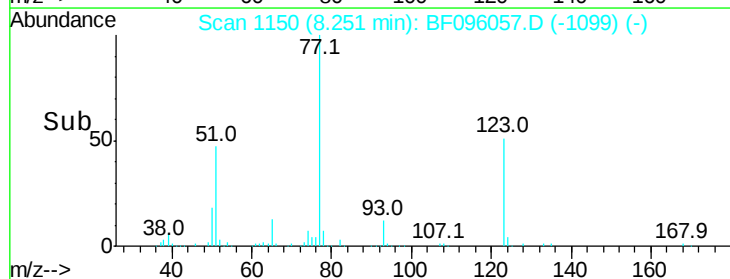
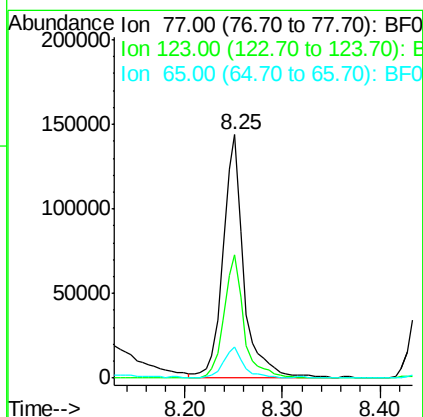
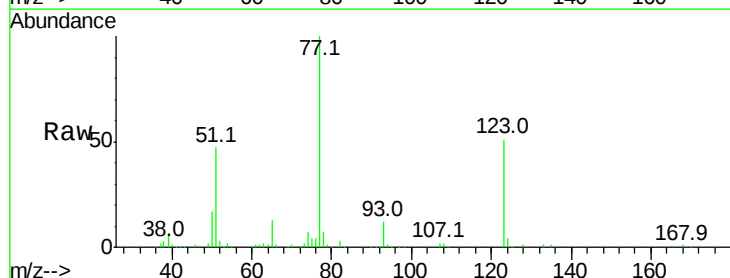
Instrument :
 BNA_F
 ClientSampleId :

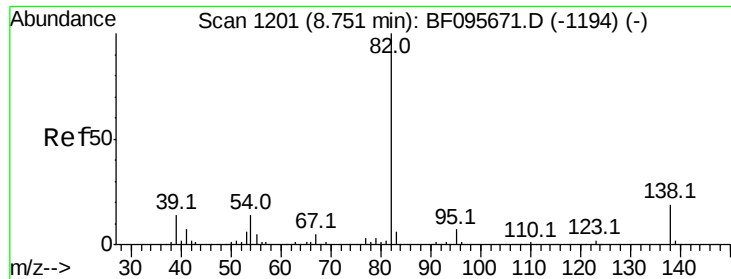
Tot Ion: 82 Resp: 408953
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 45.6 42.2 63.2



#24
 Nitrobenzene
 Concen: 46.24 ng
 RT: 8.25 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion: 77 Resp: 207240
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 46.56 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

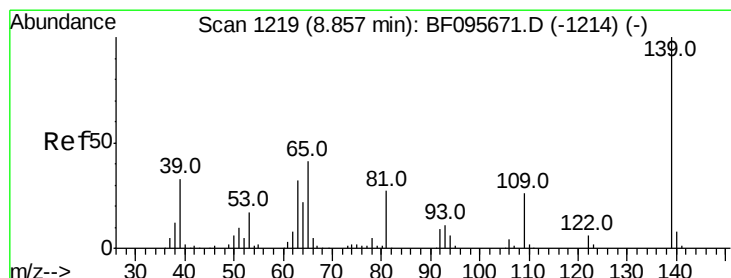
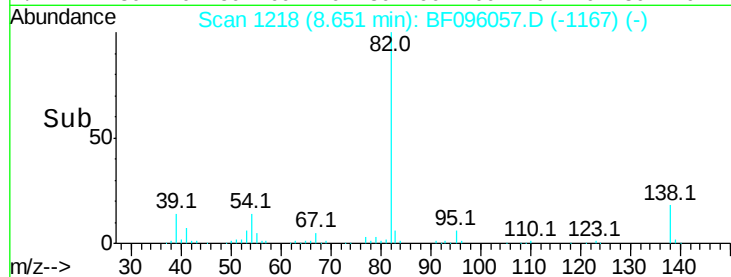
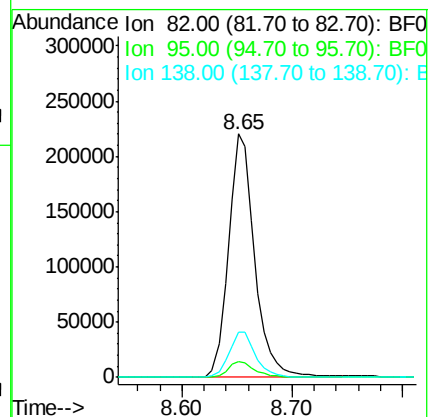
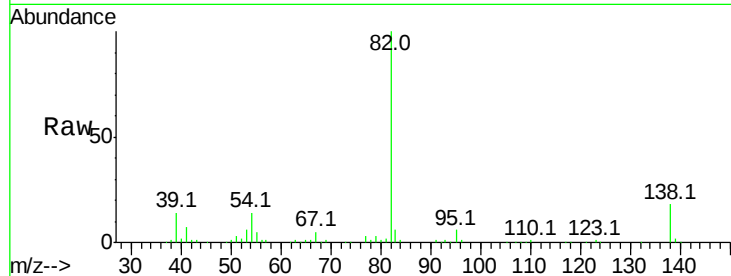
Tot Ion: 82 Resp: 364740

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 44.10 ng

RT: 8.76 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

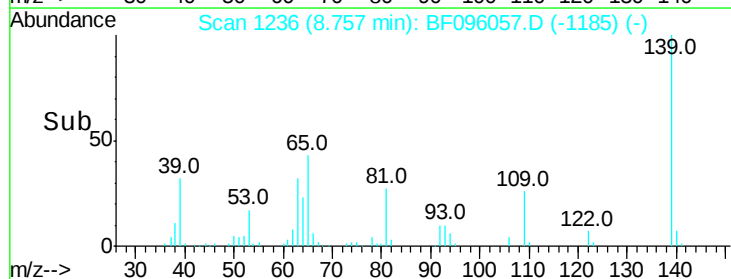
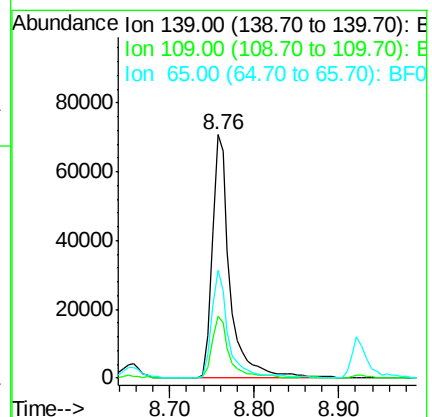
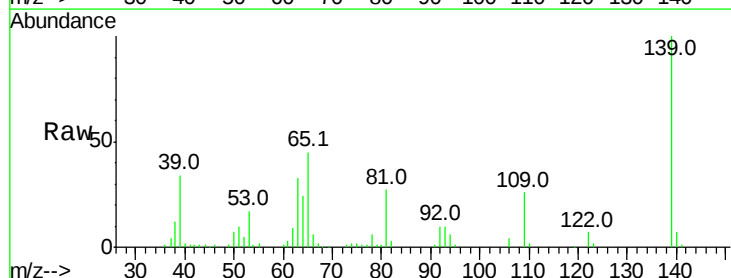
Tgt Ion:139 Resp: 103503

Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 44.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 50.84 ng

RT: 8.92 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

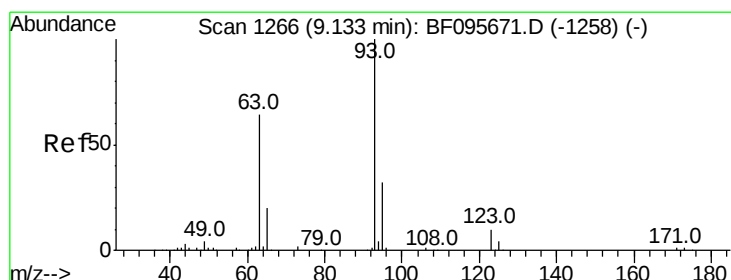
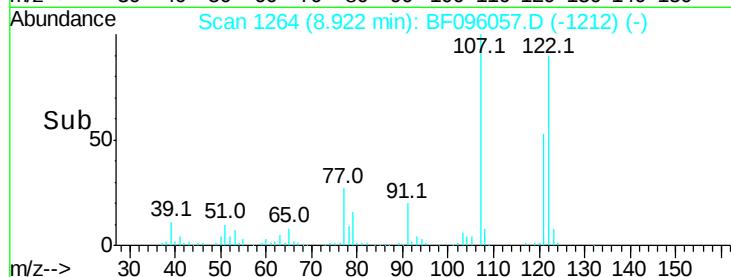
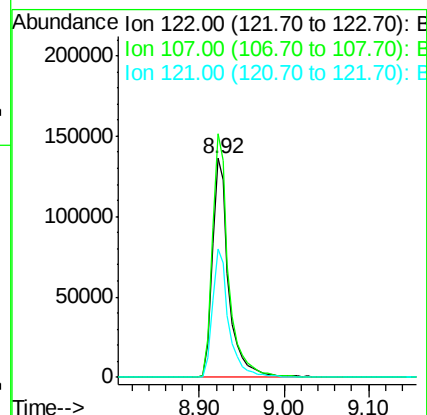
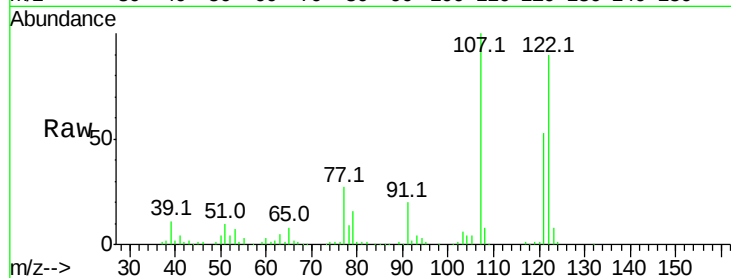
Tot Ion:122 Resp: 185162

Ion Ratio Lower Upper

122 100

107 111.1 89.2 133.8

121 58.6 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.08 ng

RT: 9.03 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

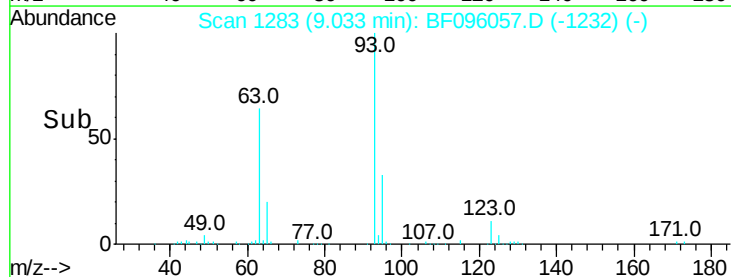
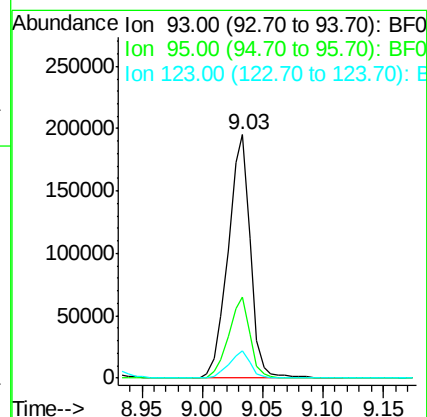
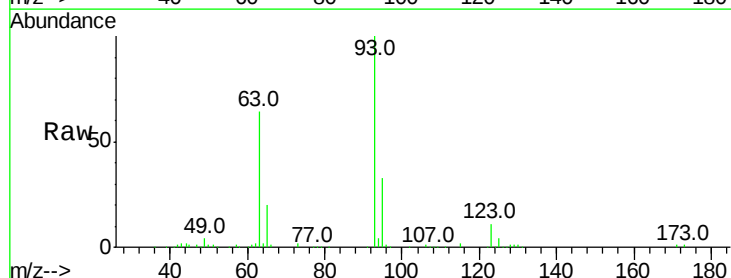
Tgt Ion: 93 Resp: 248267

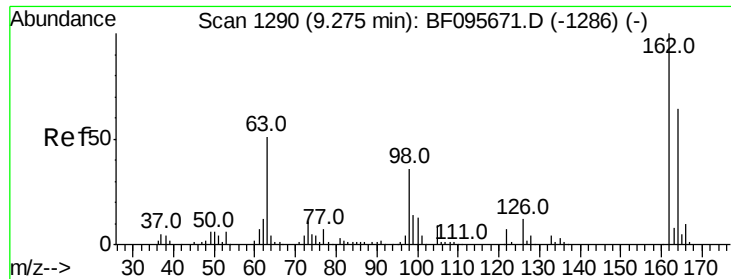
Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

123 11.2 9.0 13.4

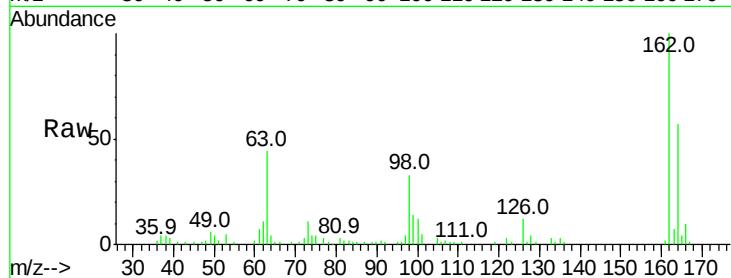




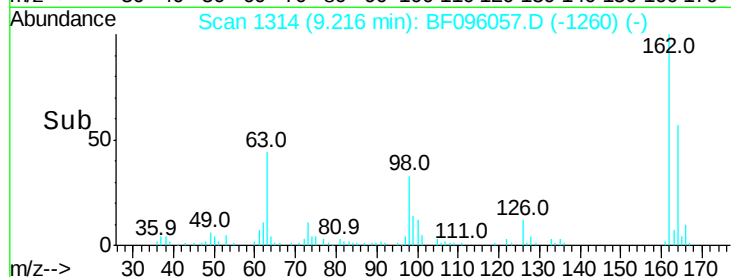
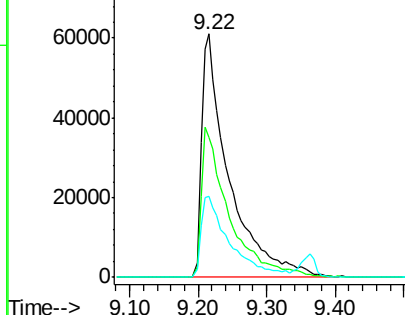
#29
 2,4-Dichlorophenol
 Concen: 48.32 ng
 RT: 9.22 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	57.5	44.6	84.6
98	33.4	14.8	54.8

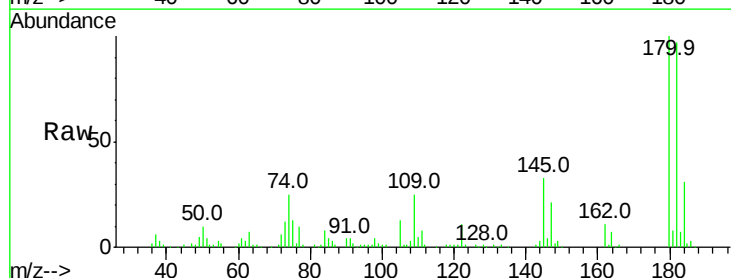


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

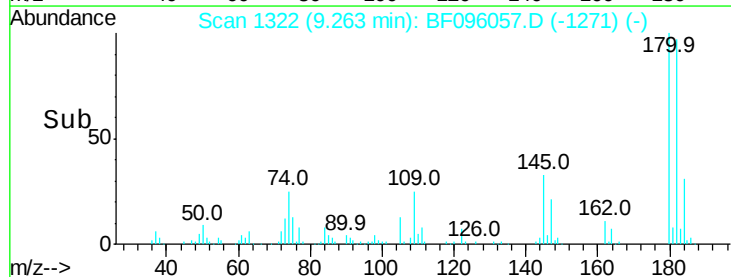
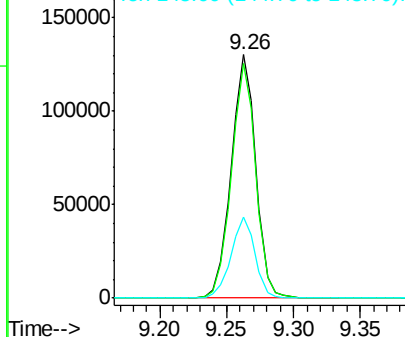


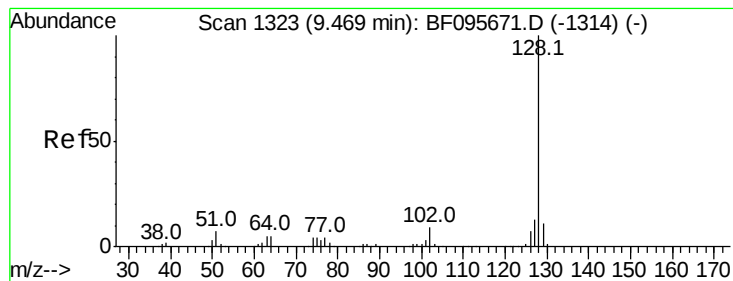
#30
 1,2,4-Trichlorobenzene
 Concen: 45.98 ng
 RT: 9.26 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.8	113.6
145	33.3	25.3	37.9



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





#31

Naphthalene

Concen: 47.69 ng

RT: 9.36 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

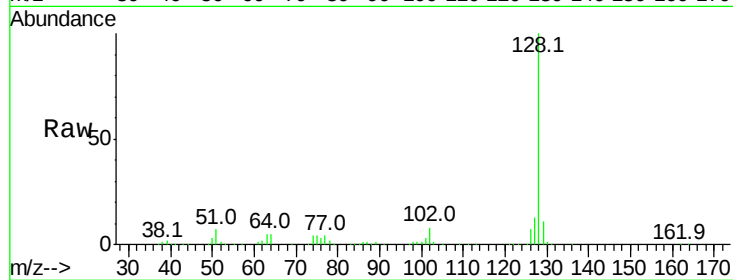
Tot Ion:128 Resp: 623586

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

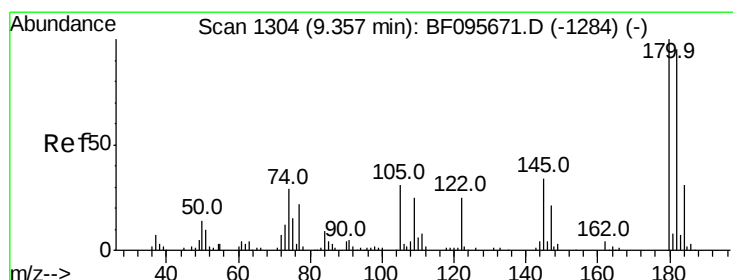
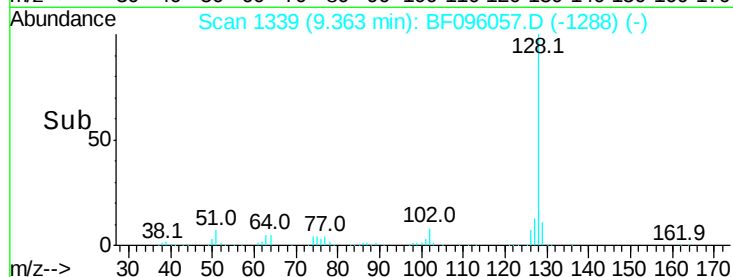
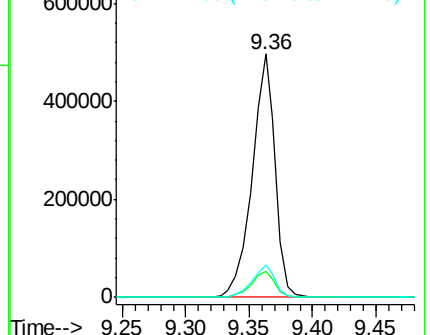
127 13.4 10.8 16.2



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: 34.14 ng

RT: 9.29 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

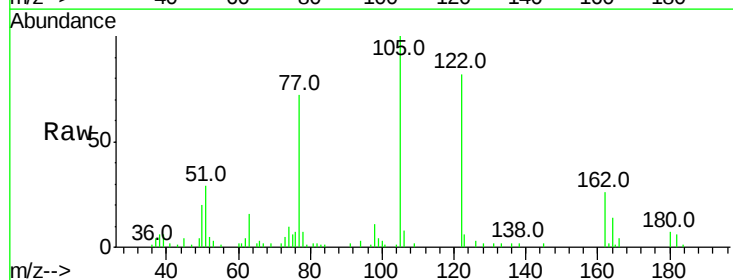
Tgt Ion:122 Resp: 73948

Ion Ratio Lower Upper

122 100

105 122.0 103.3 143.3

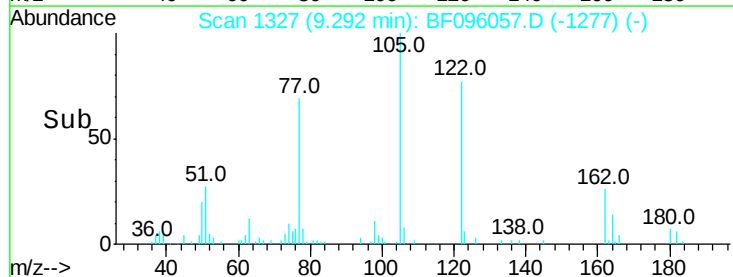
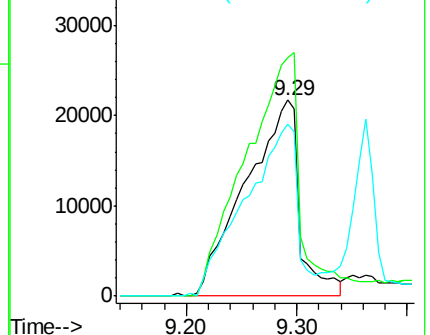
77 87.9 73.7 113.7

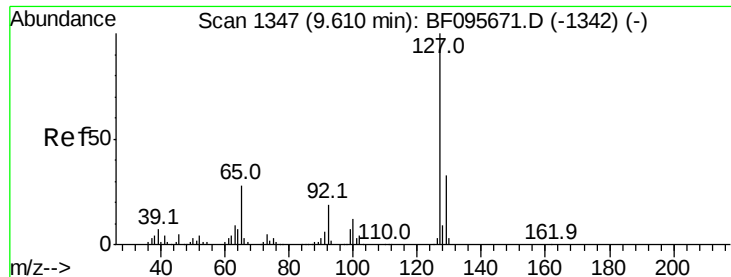


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

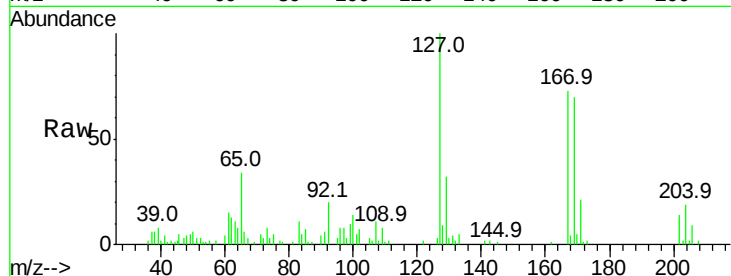




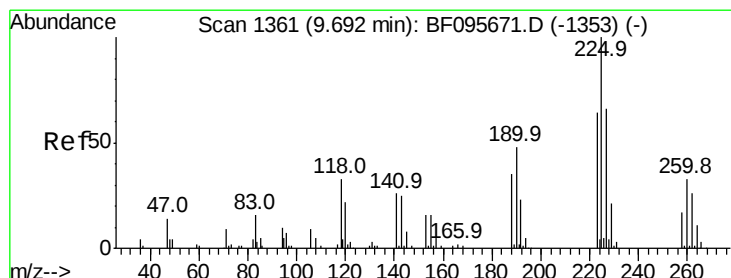
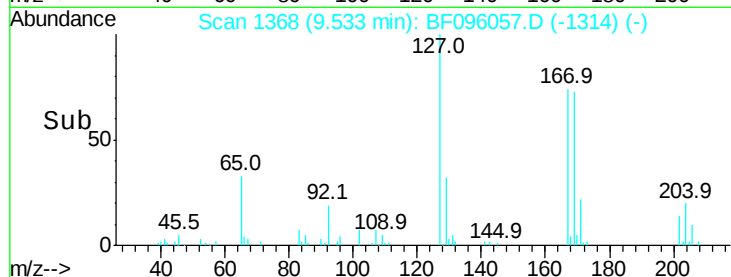
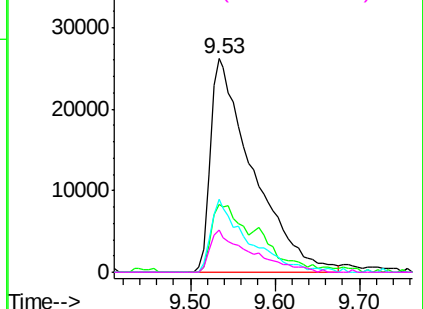
#33
4-Chloroaniline
Concen: 17.97 ng
RT: 9.53 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	91829
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	34.0	27.8	41.8
92	19.9	16.8	25.2

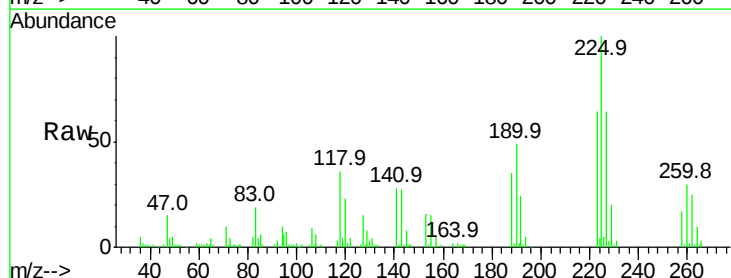


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

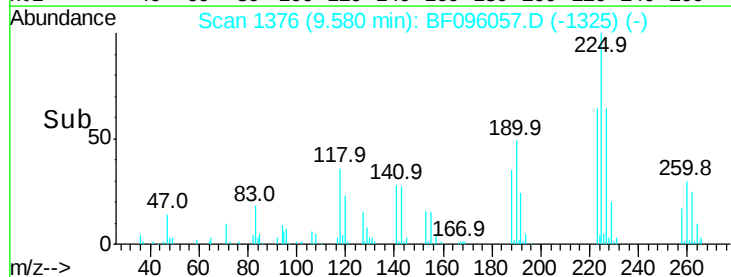
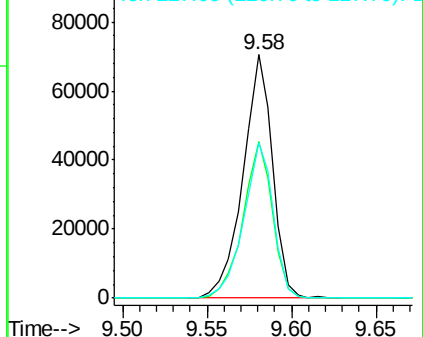


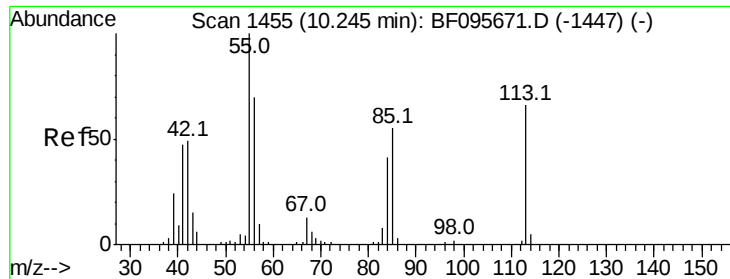
#34
Hexachlorobutadiene
Concen: 45.65 ng
RT: 9.58 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion:	225	Resp:	86091
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	63.6	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: 37.12 ng

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

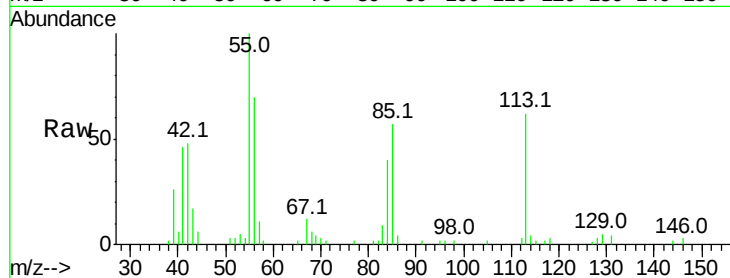
Tot Ion:113 Resp: 38742

Ion Ratio Lower Upper

113 100

55 161.6 150.2 190.2

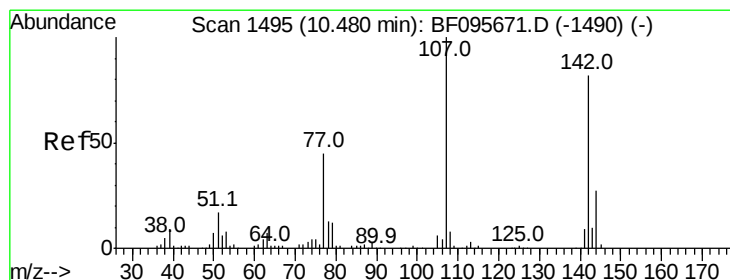
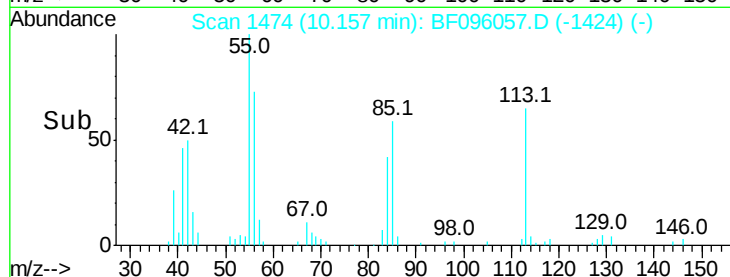
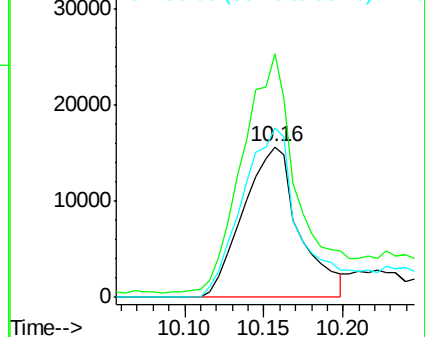
56 112.8 107.8 147.8



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: 45.37 ng

RT: 10.42 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

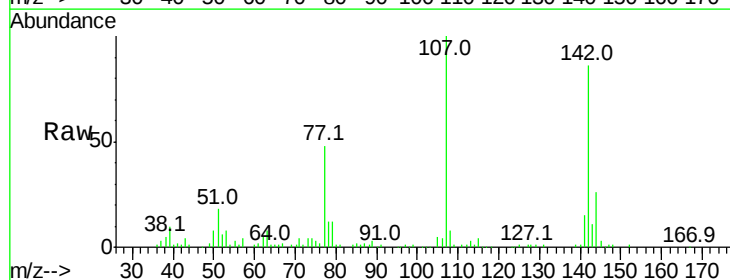
Tgt Ion:107 Resp: 166606

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

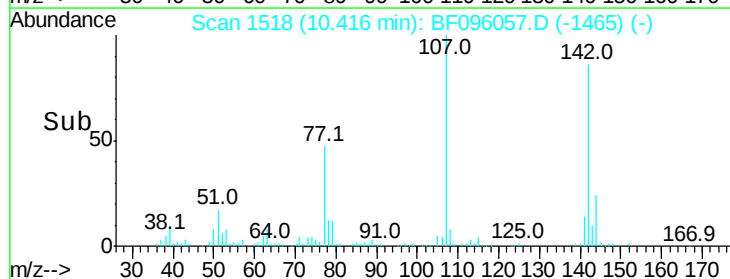
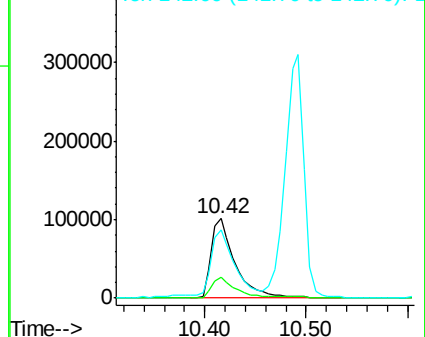
142 86.1 73.4 110.0

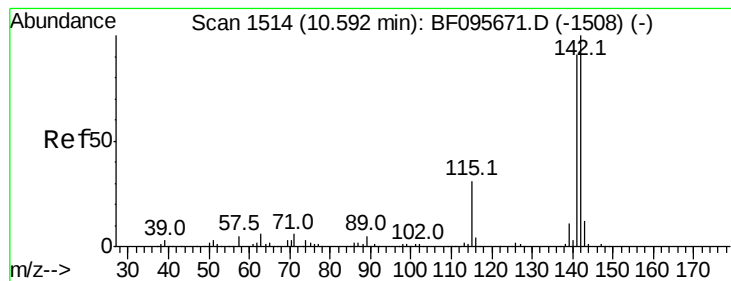


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.79 ng

RT: 10.49 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

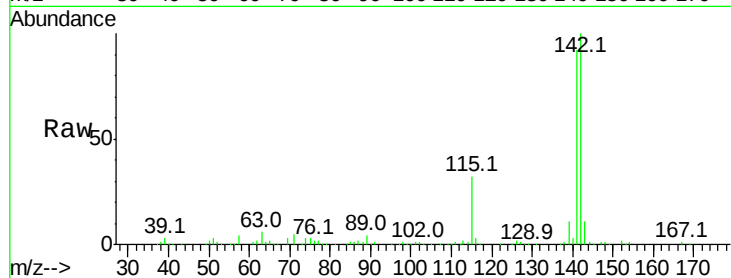
Tot Ion:142 Resp: 404565

Ion Ratio Lower Upper

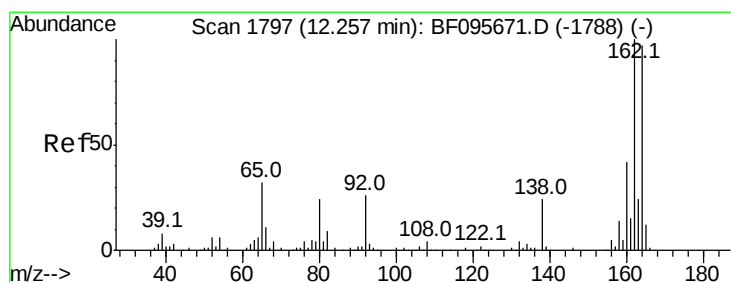
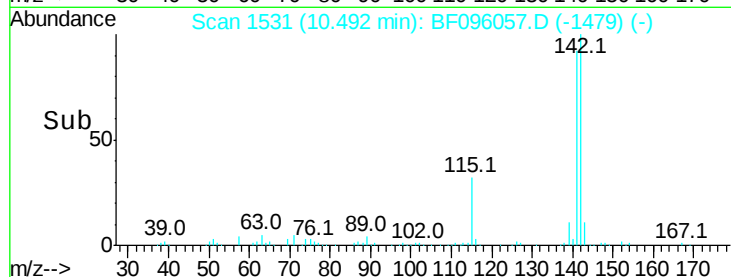
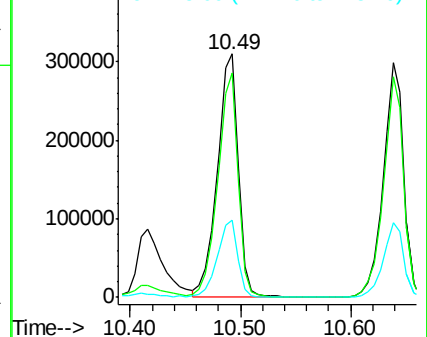
142 100

141 92.0 71.3 106.9

115 31.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.15 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

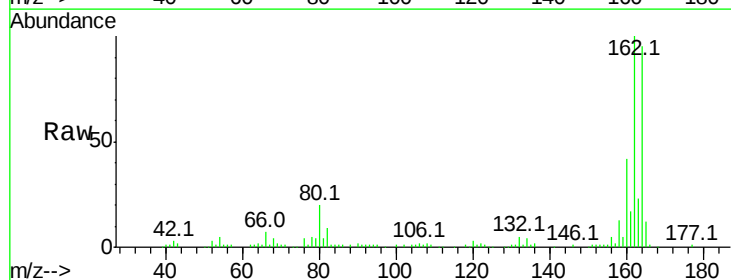
Tgt Ion:164 Resp: 101036

Ion Ratio Lower Upper

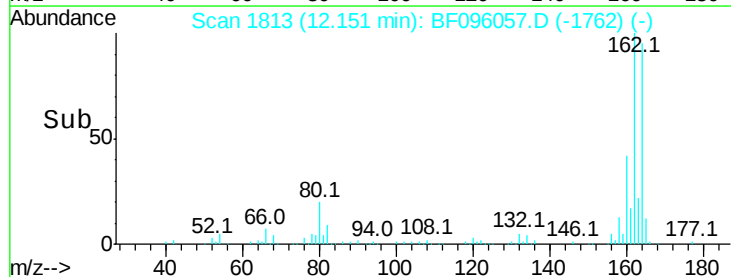
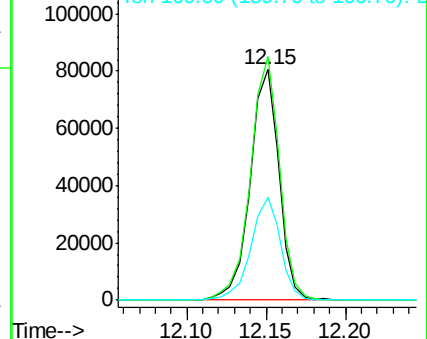
164 100

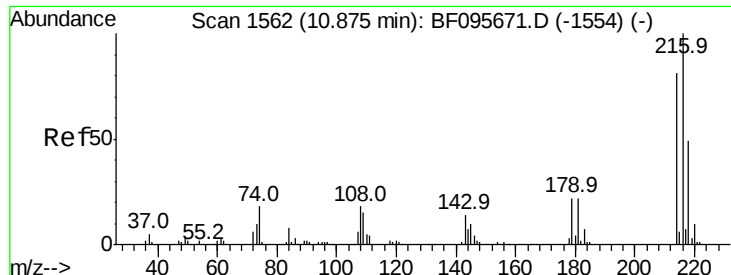
162 105.5 82.6 123.8

160 44.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.26 ng

RT: 10.77 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 148942

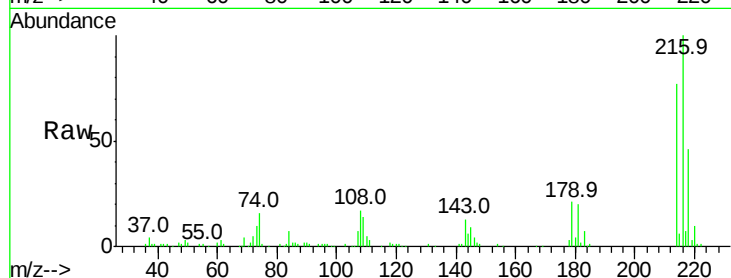
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 21.5 17.9 26.9

108 18.1 16.5 24.7

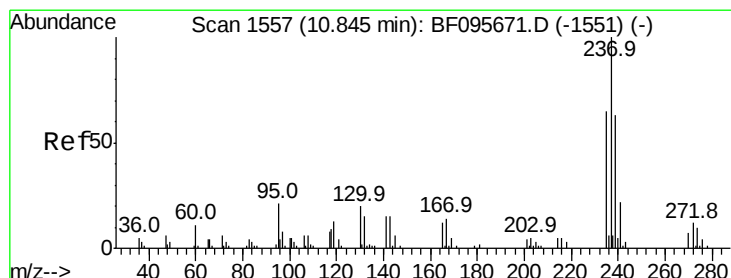
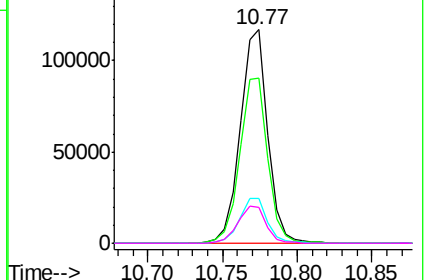
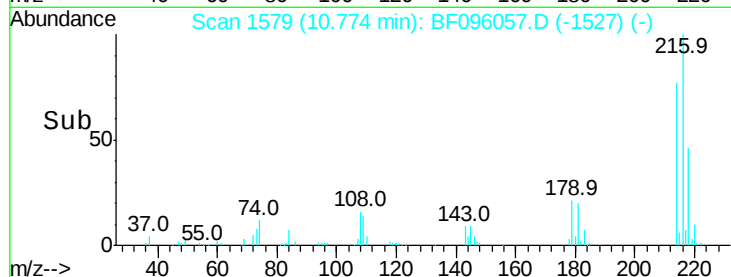


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.23 ng

RT: 10.73 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

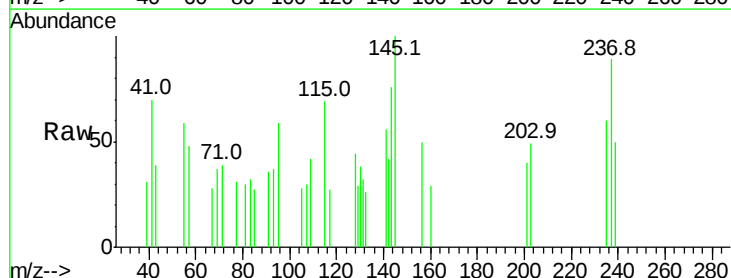
Tgt Ion:237 Resp: 1090

Ion Ratio Lower Upper

237 100

235 67.5 42.6 82.6

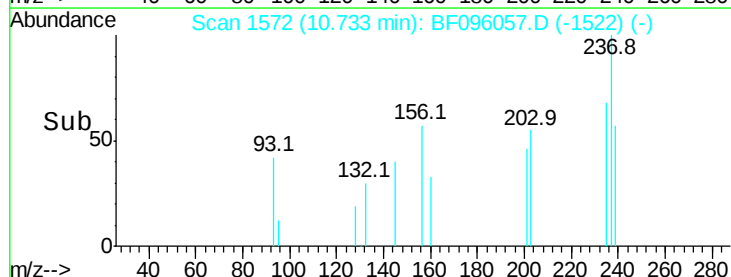
272 0.0 0.0 31.9



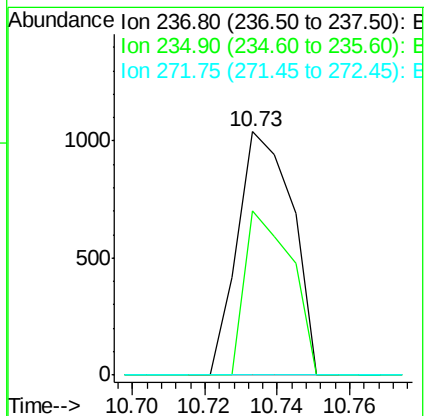
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

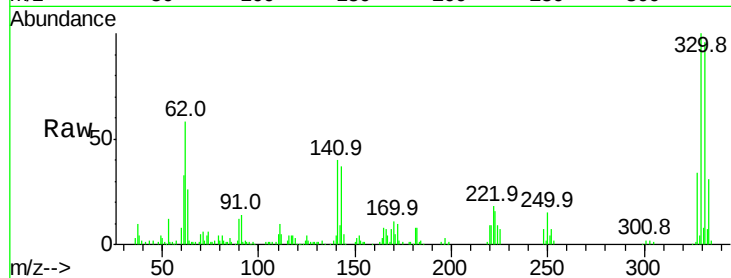




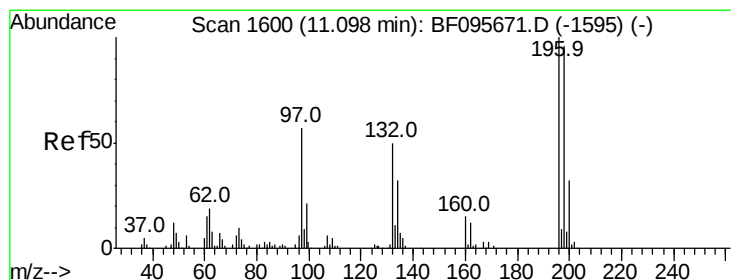
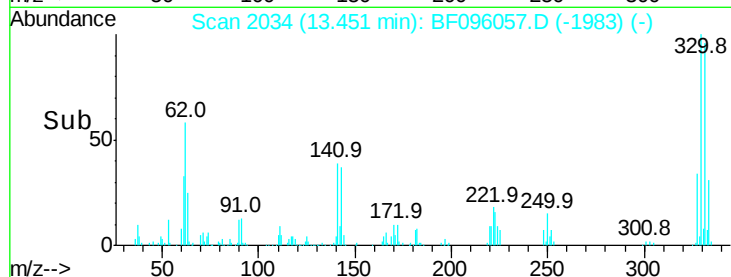
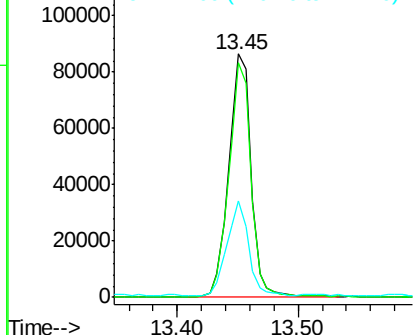
#41
 2,4,6-Tribromophenol
 Concen: 125.85 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 112502
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 37.7 31.4 47.2

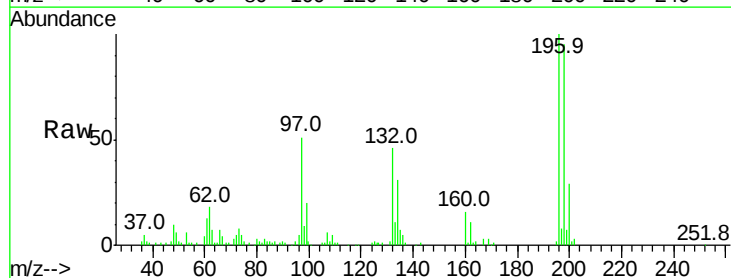


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

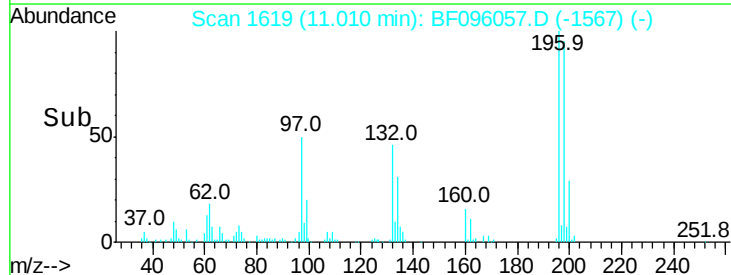
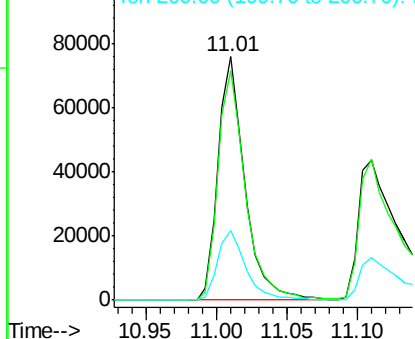


#42
 2,4,6-Trichlorophenol
 Concen: 51.82 ng
 RT: 11.01 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion:196 Resp: 100749
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.4
 200 28.6 24.0 36.0



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

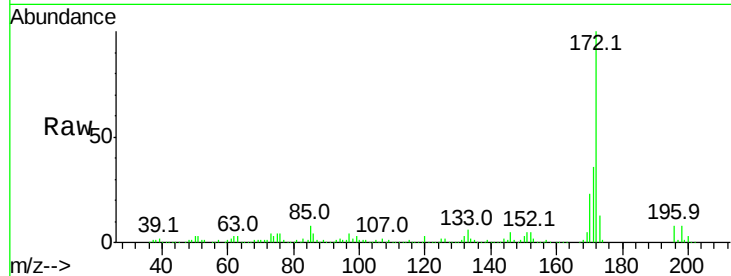




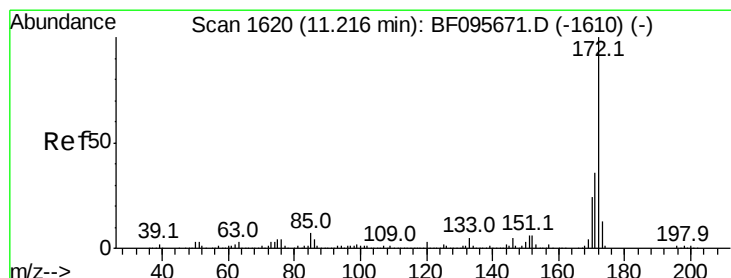
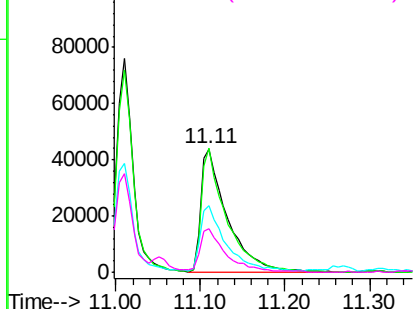
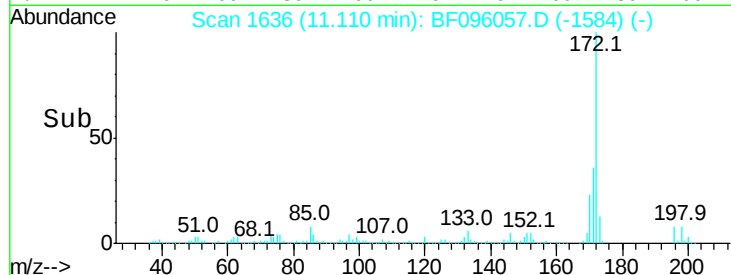
#43
 2,4,5-Trichlorophenol
 Concen: 46.09 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 95313
 Ion Ratio Lower Upper
 196 100
 198 101.0 75.7 113.5
 97 53.7 47.7 71.5
 132 35.7 28.0 42.0

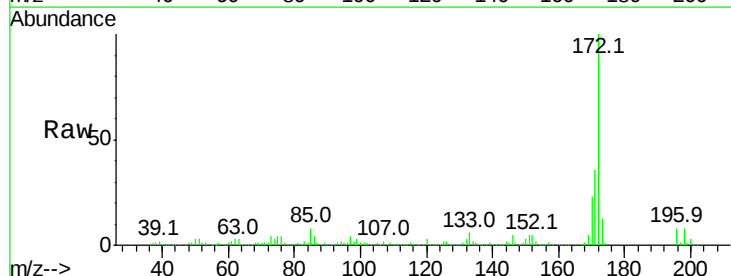


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

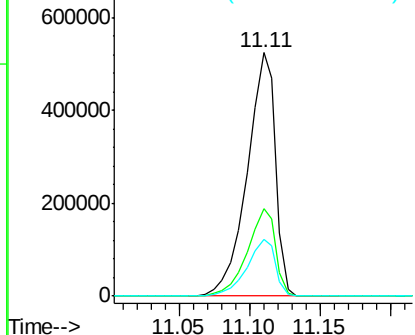
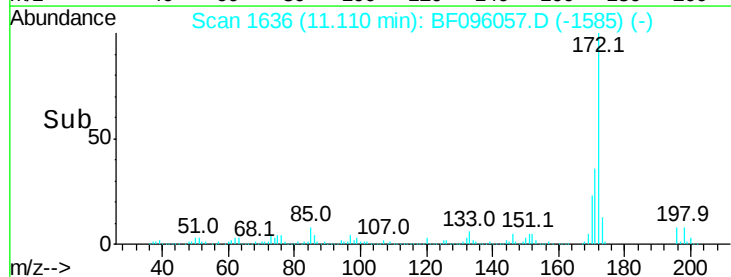


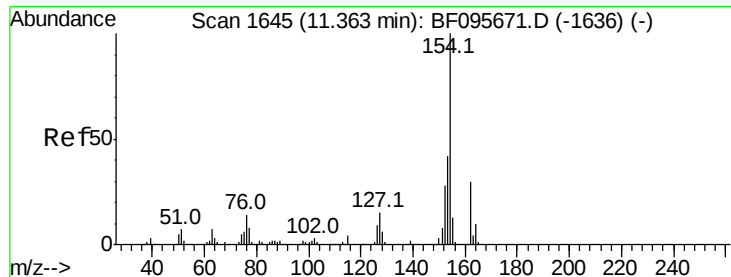
#44
 2-Fluorobiphenyl
 Concen: 101.42 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion:172 Resp: 736394
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 50.73 ng

RT: 11.26 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

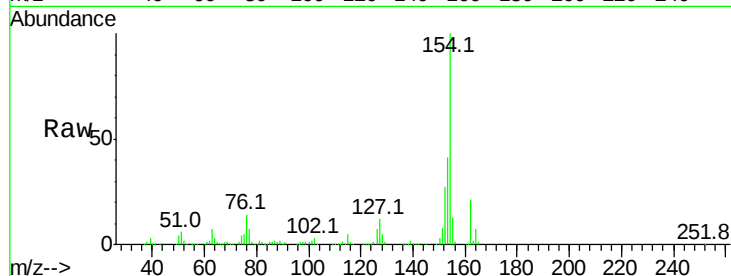
Tot Ion:154 Resp: 422469

Ion Ratio Lower Upper

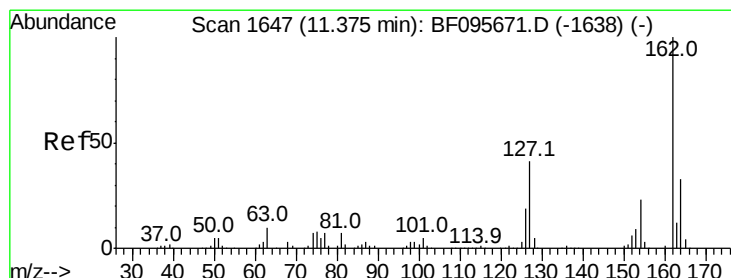
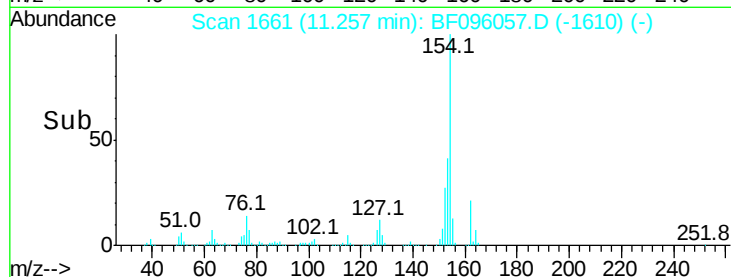
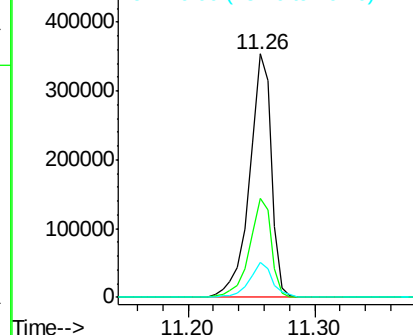
154 100

153 40.7 21.2 61.2

76 14.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.17 ng

RT: 11.27 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

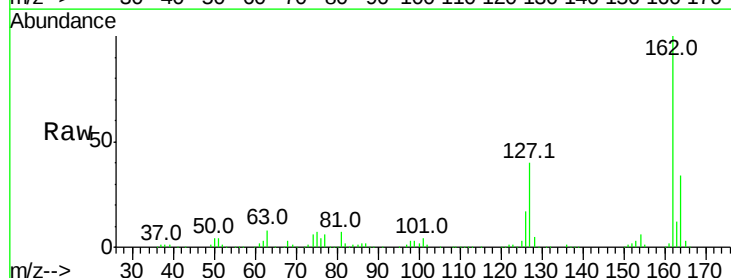
Tgt Ion:162 Resp: 313404

Ion Ratio Lower Upper

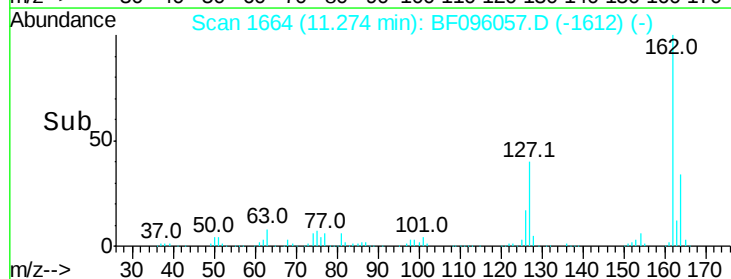
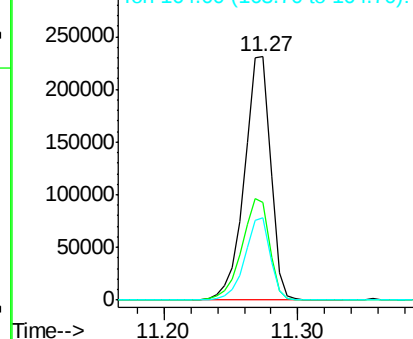
162 100

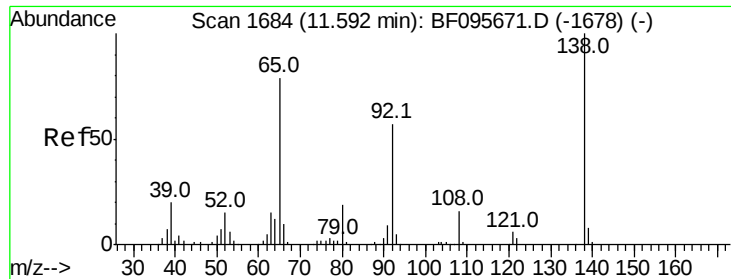
127 40.3 28.3 42.5

164 33.6 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

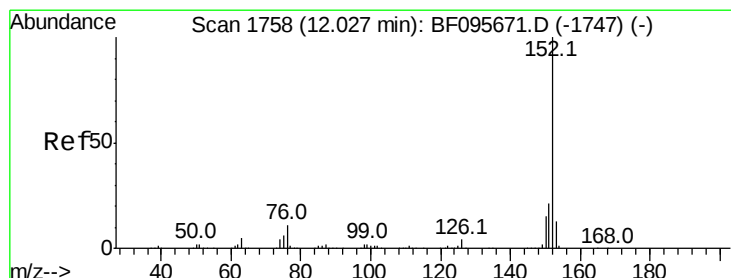
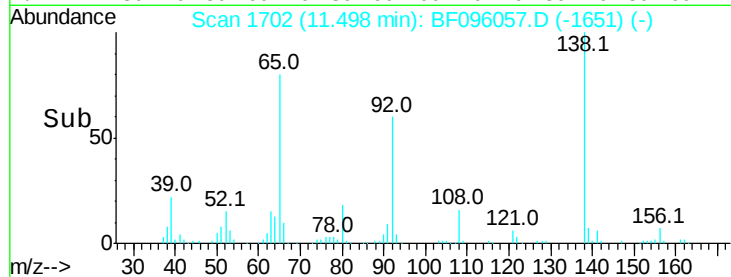
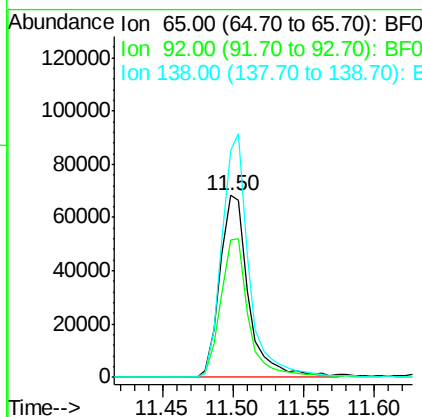
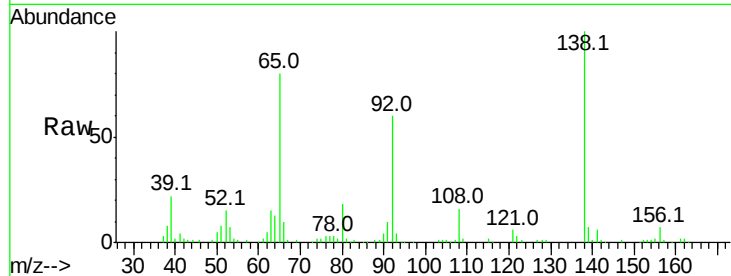




#47
 2-Nitroaniline
 Concen: 50.97 ng
 RT: 11.50 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

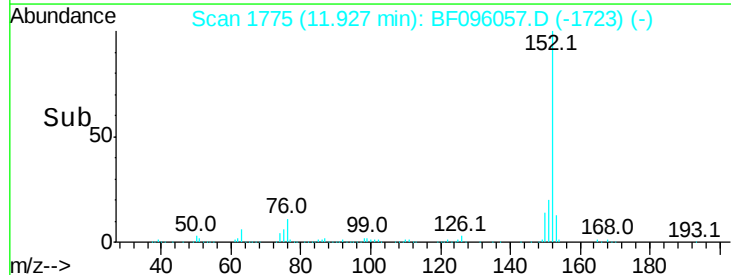
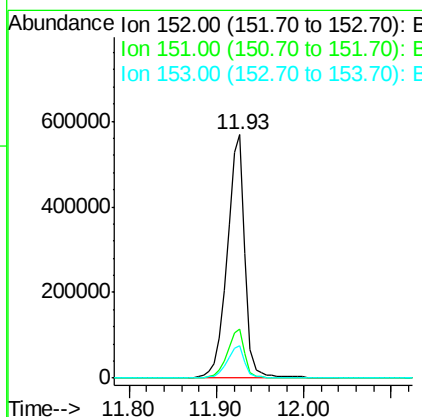
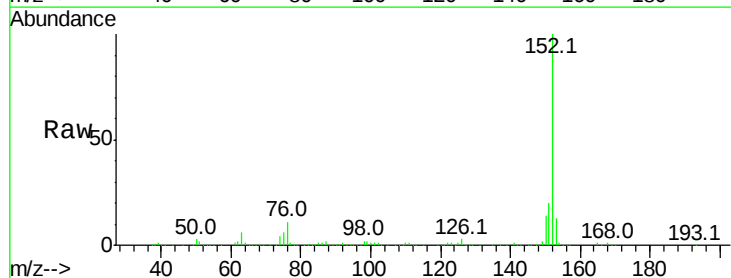
Instrument :
 BNA_F
 ClientSampled :

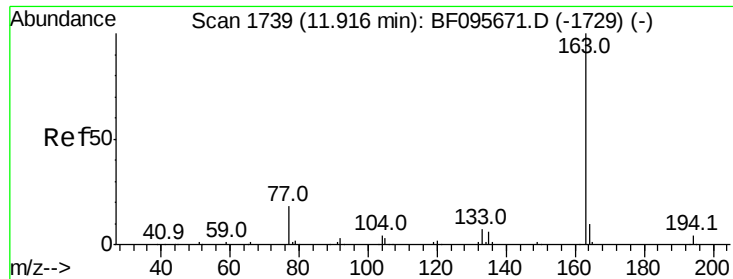
Tot Ion: 65 Resp: 97043
 Ion Ratio Lower Upper
 65 100
 92 75.6 53.9 80.9
 138 125.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 70.69 ng
 RT: 11.93 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion: 152 Resp: 786495
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 63.42 ng

RT: 11.82 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

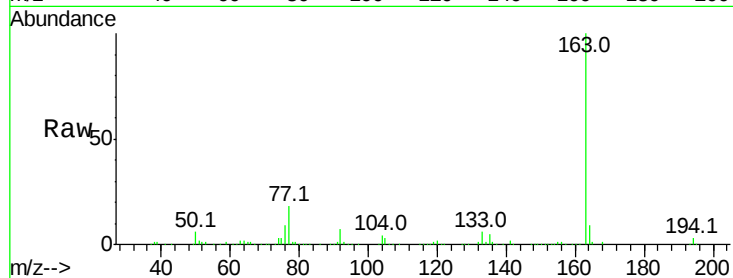
Tot Ion:163 Resp: 486544

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

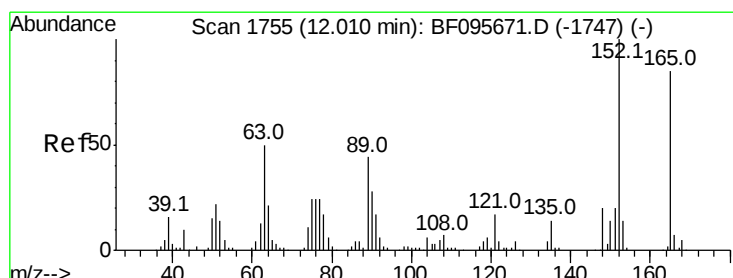
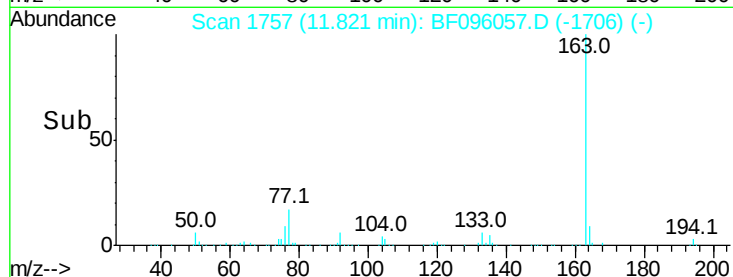
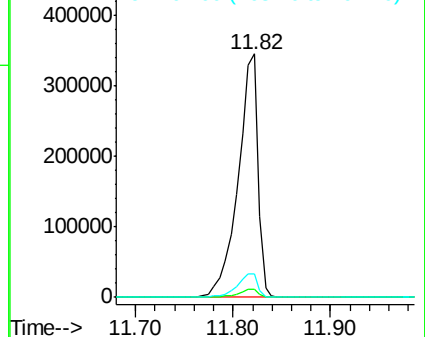
164 9.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.54 ng

RT: 11.92 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

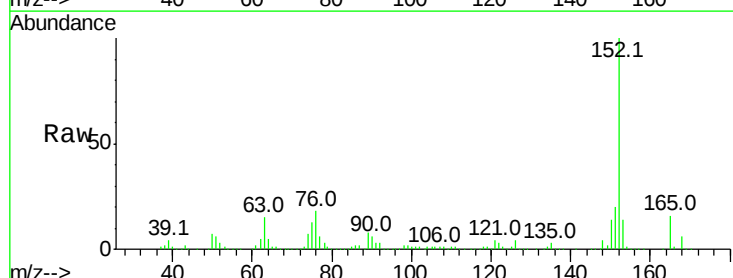
Tgt Ion:165 Resp: 66153

Ion Ratio Lower Upper

165 100

63 92.1 34.3 51.5#

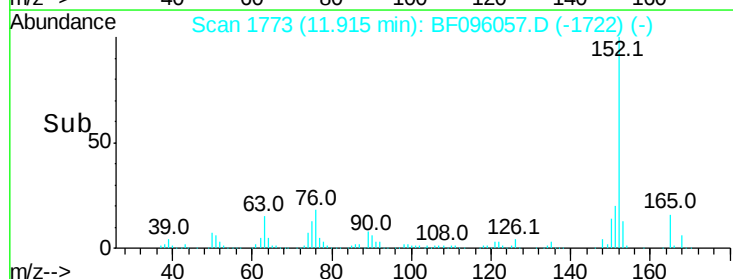
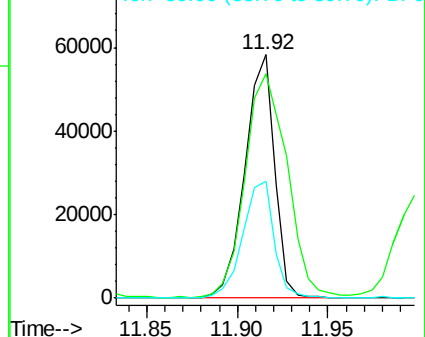
89 48.1 37.1 55.7

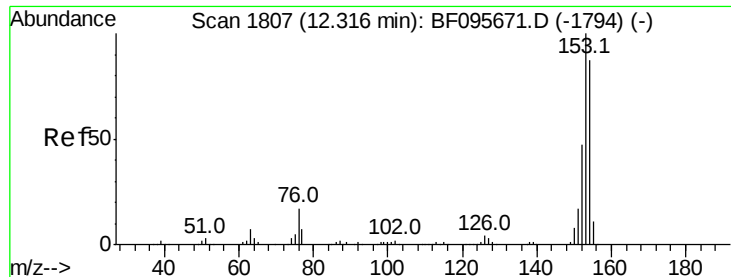


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.32 ng

RT: 12.20 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

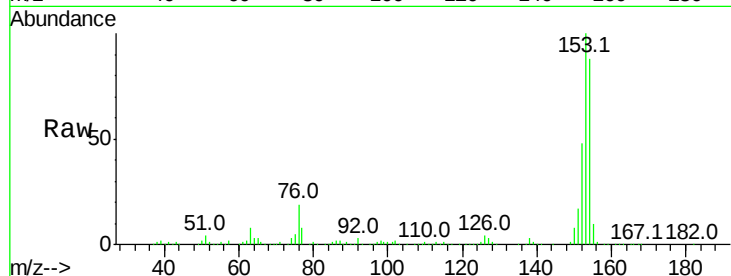
Tot Ion:154 Resp: 323364

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

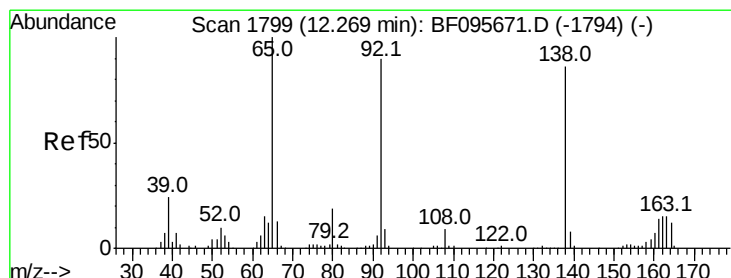
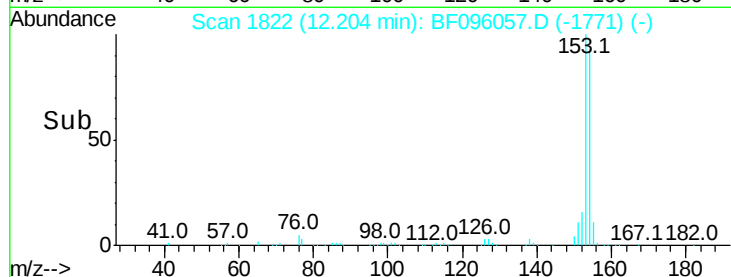
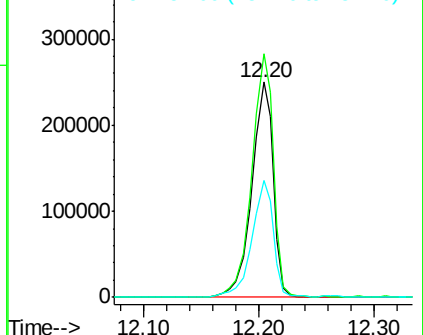
152 54.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.47 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

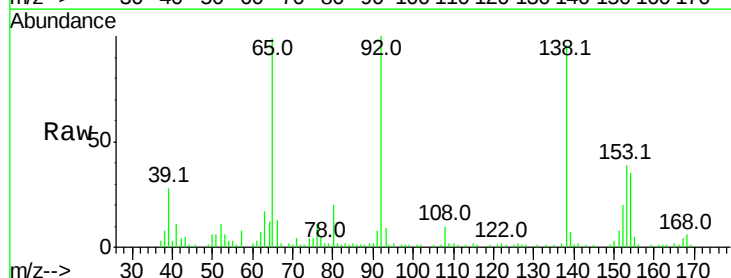
Tgt Ion:138 Resp: 73045

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

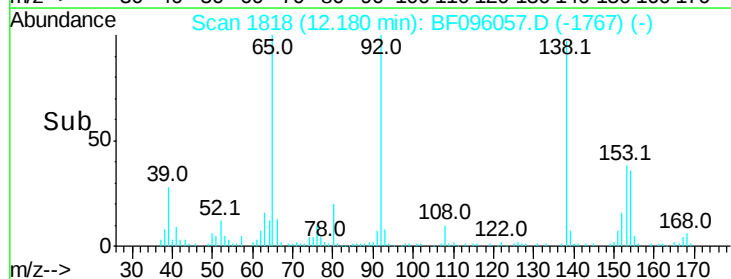
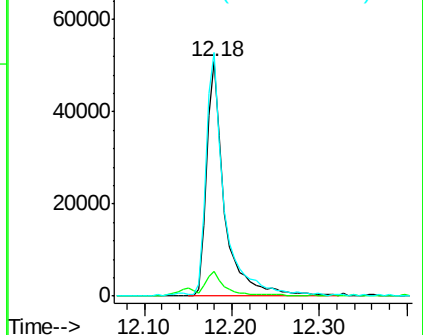
92 103.8 93.8 140.6

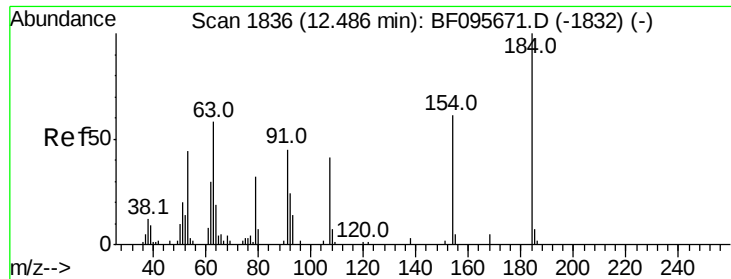


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

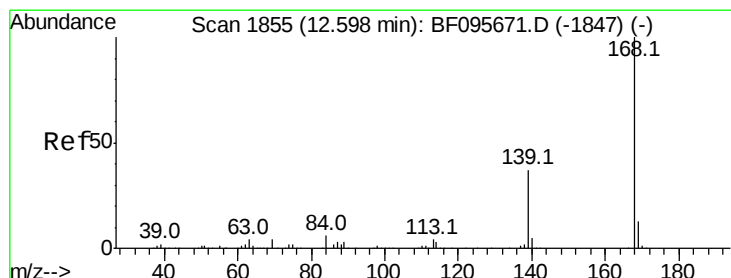
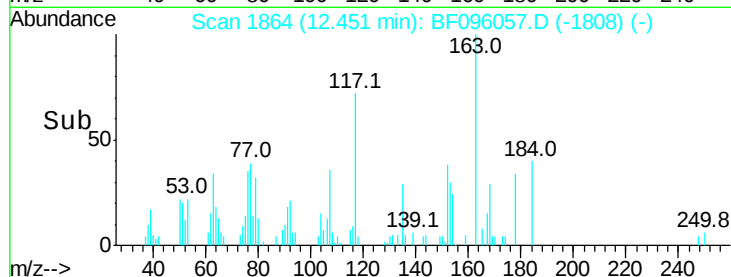
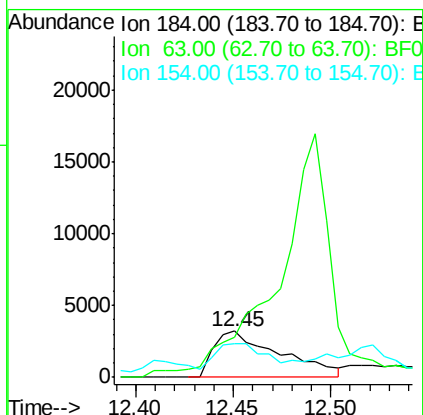
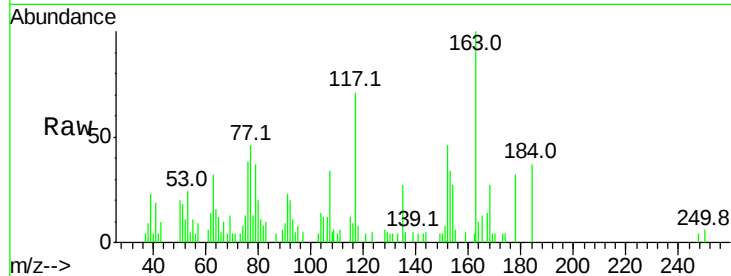




#53
2,4-Dinitrophenol
Concen: 13.75 ng
RT: 12.45 min Scan# 1864
Delta R.T. 0.03 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

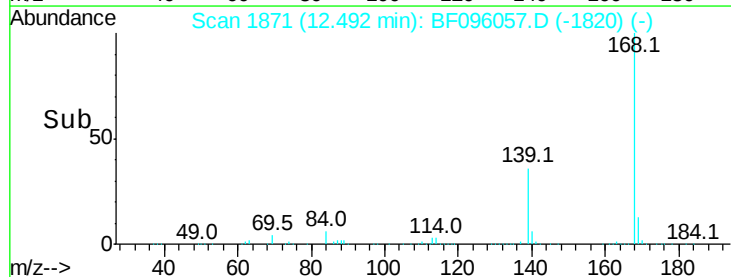
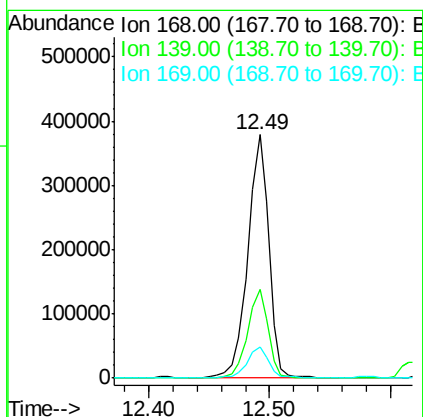
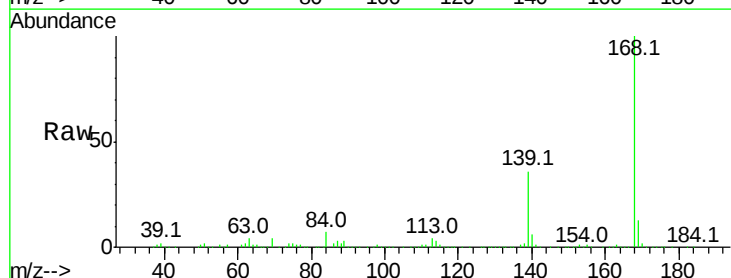
Instrument :
BNA_F
ClientSampleId :

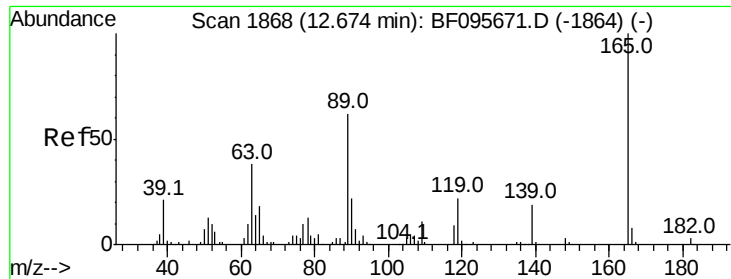
Tot Ion:184 Resp: 7495
Ion Ratio Lower Upper
184 100
63 85.8 62.7 94.1
154 73.6 81.1 121.7#



#54
Dibenzofuran
Concen: 50.95 ng
RT: 12.49 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion:168 Resp: 460730
Ion Ratio Lower Upper
168 100
139 36.2 30.6 45.8
169 12.8 10.8 16.2





#55

4-Nitrophenol

Concen: 83.37 ng

RT: 12.62 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

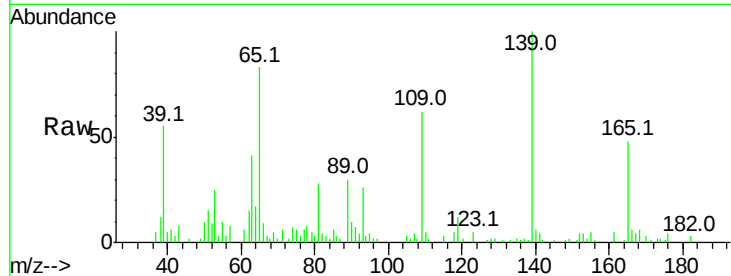
Tot Ion:139 Resp: 95127

Ion Ratio Lower Upper

139 100

109 61.7 34.1 74.1

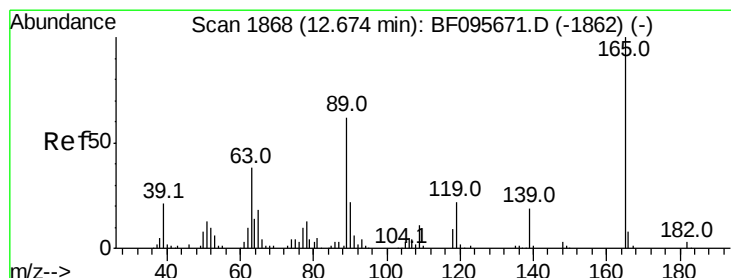
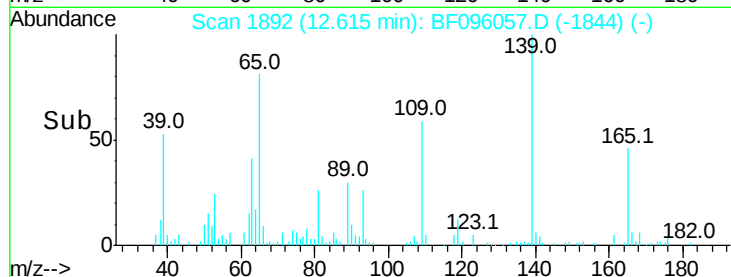
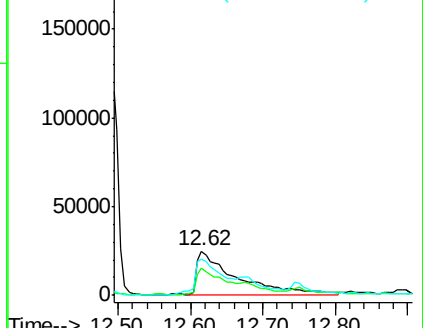
65 82.7 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.41 ng

RT: 12.59 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Tgt Ion:165 Resp: 86803

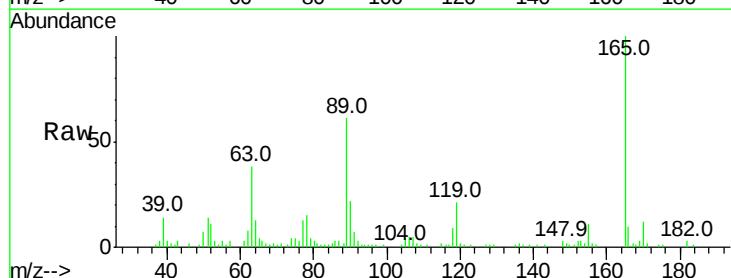
Ion Ratio Lower Upper

165 100

63 38.2 25.4 38.0#

89 60.9 46.4 69.6

182 2.7 1.8 2.6#

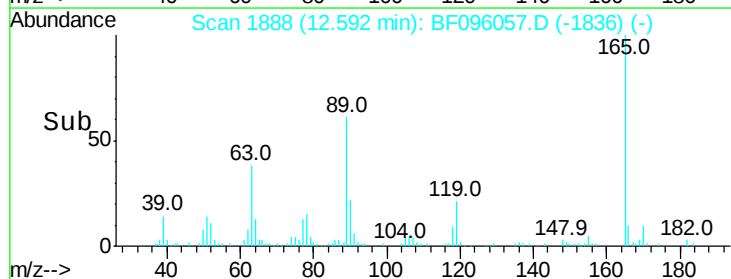
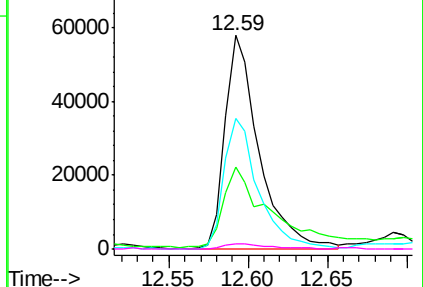


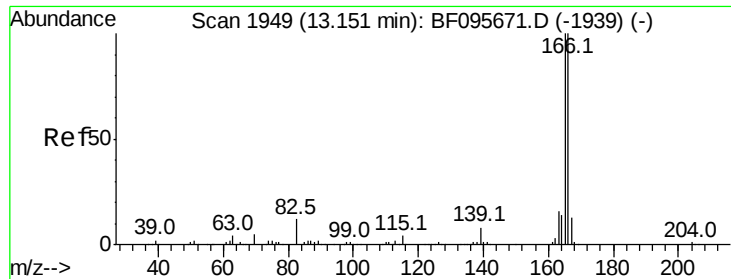
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

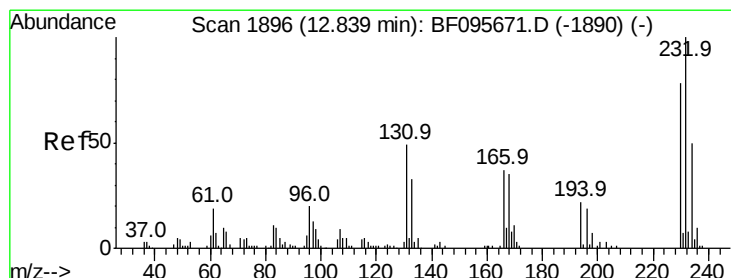
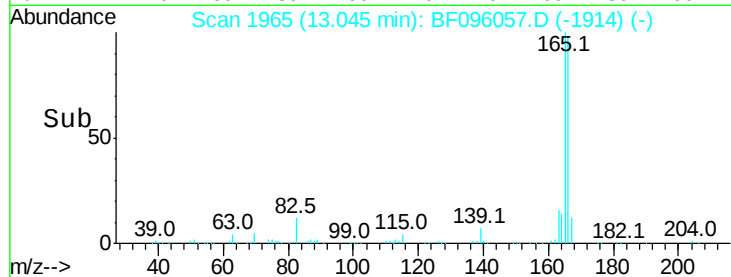
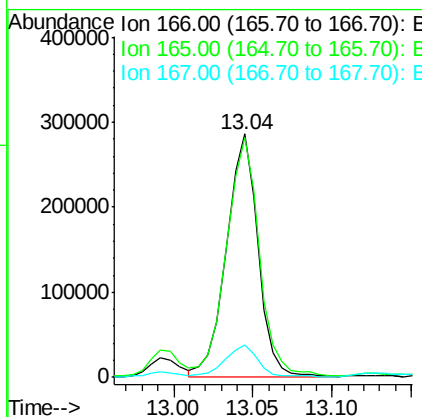
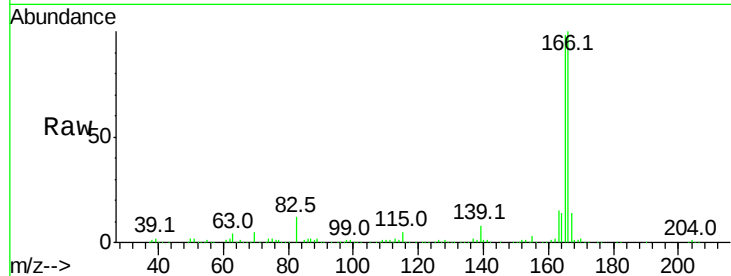




#57
 Fluorene
 Concen: 50.02 ng
 RT: 13.04 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

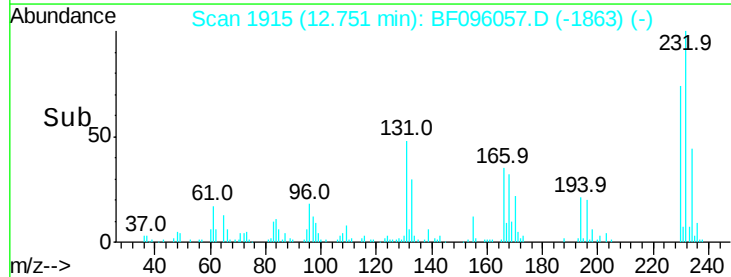
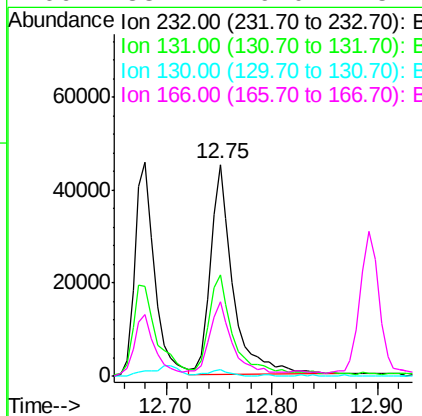
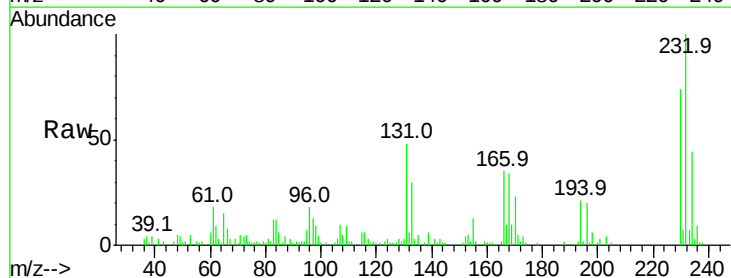
Instrument :
 BNA_F
 ClientSampleId :

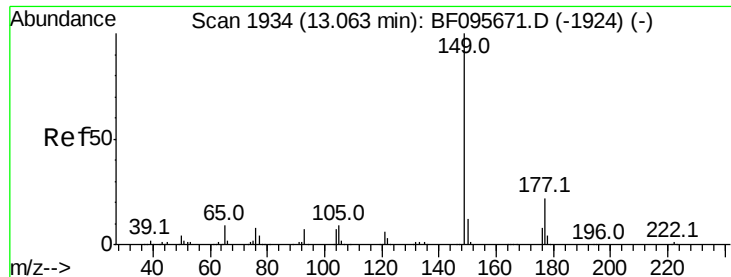
Tot Ion:166 Resp: 393690
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.85 ng
 RT: 12.75 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion:232 Resp: 67701
 Ion Ratio Lower Upper
 232 100
 131 49.0 44.8 67.2
 130 2.9 2.3 3.5
 166 33.1 29.0 43.4

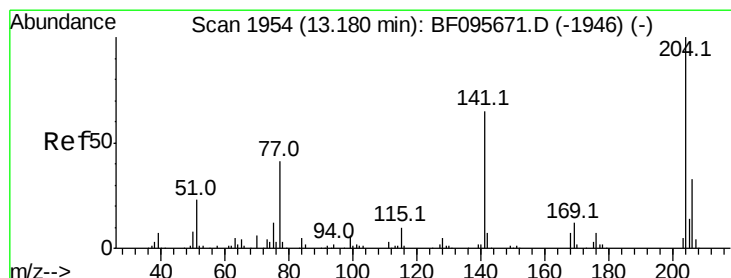
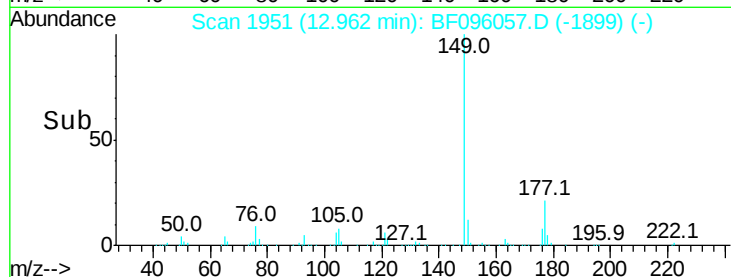
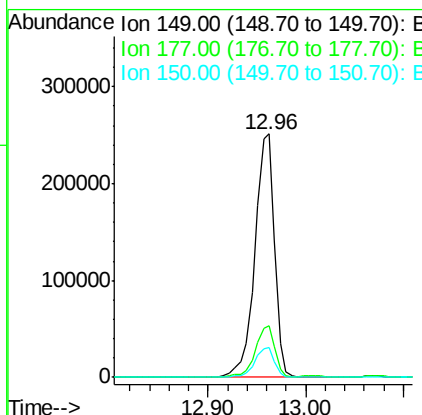
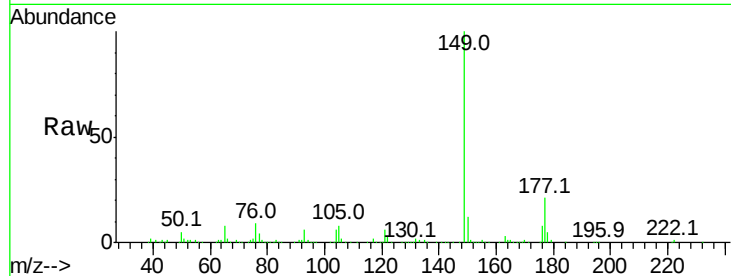




#59
Diethylphthalate
Concen: 48.83 ng
RT: 12.96 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

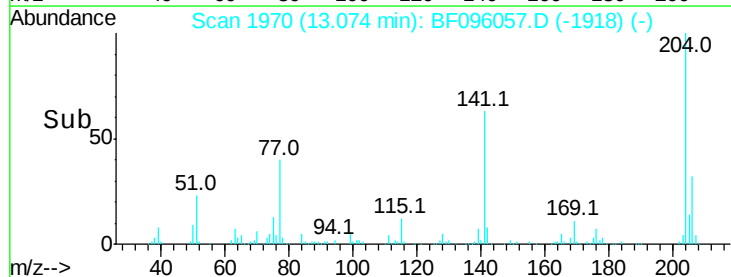
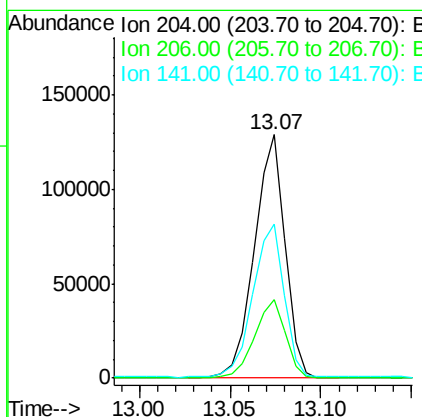
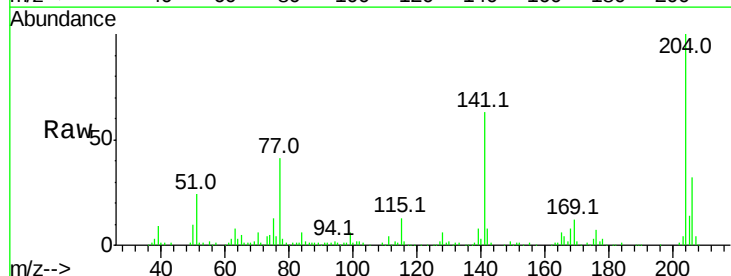
Instrument :
BNA_F
ClientSampleId :

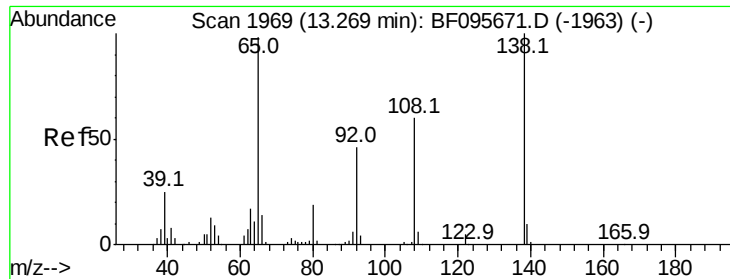
Tot Ion:149 Resp: 360464
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.24 ng
RT: 13.07 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion:204 Resp: 151396
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 63.4 60.8 91.2





#61

4-Nitroaniline

Concen: 46.03 ng

RT: 13.19 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampled :

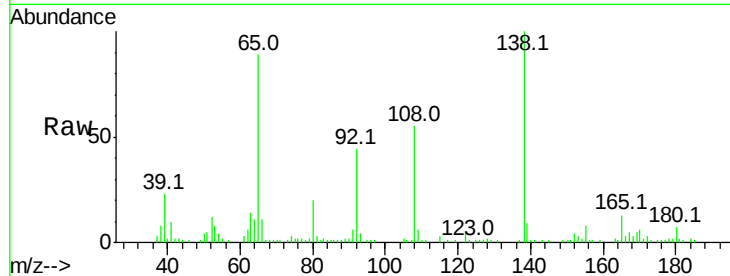
Tot Ion:138 Resp: 83793

Ion Ratio Lower Upper

138 100

92 43.9 21.8 61.8

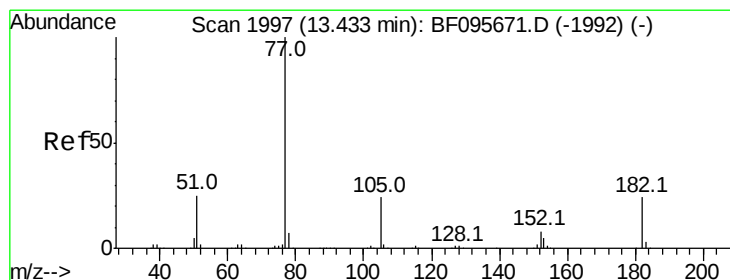
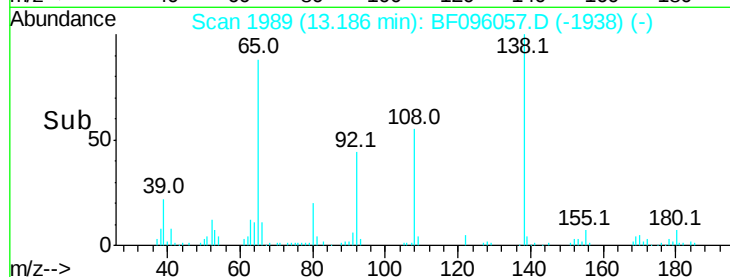
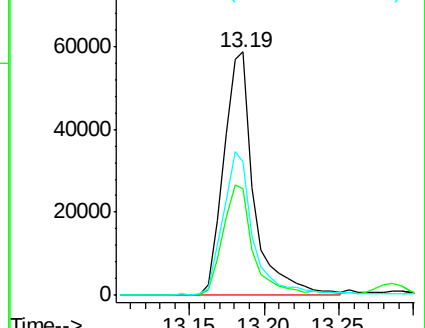
108 55.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.79 ng

RT: 13.33 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Tgt Ion: 77 Resp: 299717

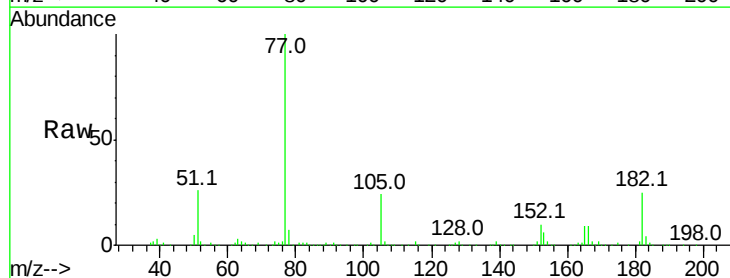
Ion Ratio Lower Upper

77 100

182 25.3 0.1 40.1

105 23.8 3.6 43.6

51 26.2 9.4 49.4

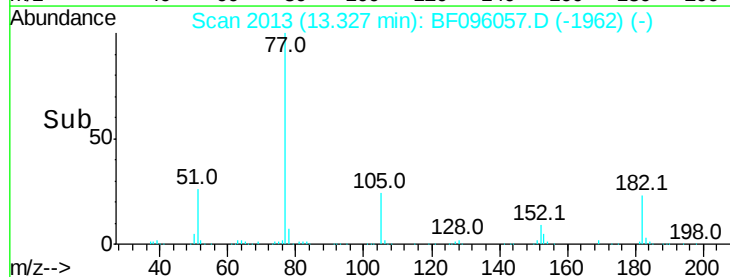
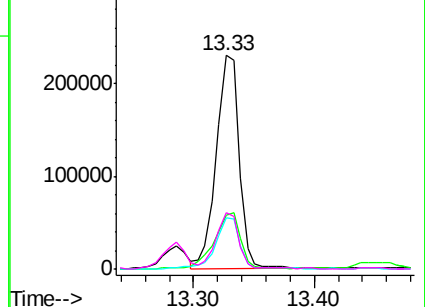


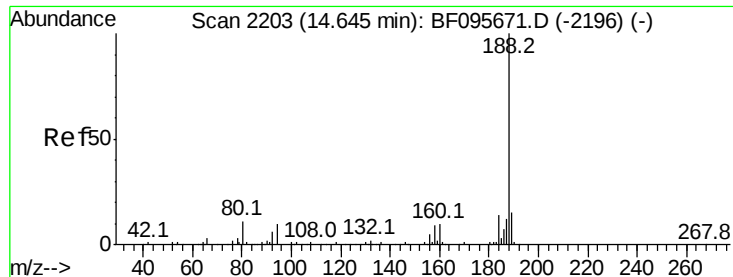
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

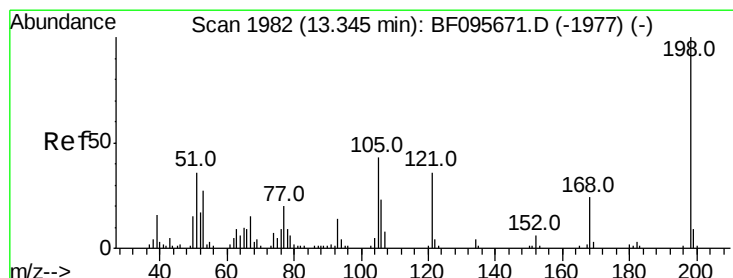
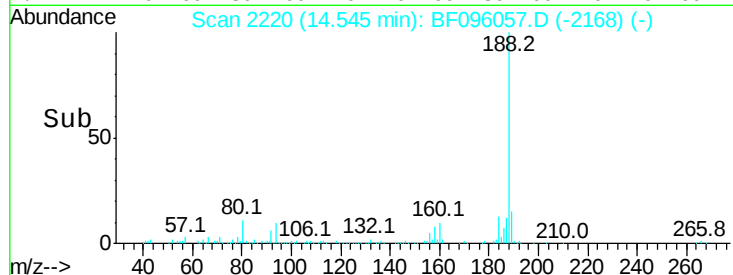
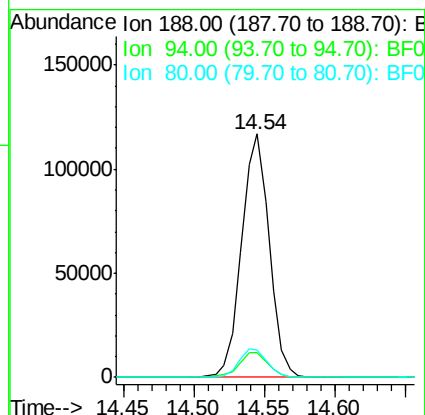
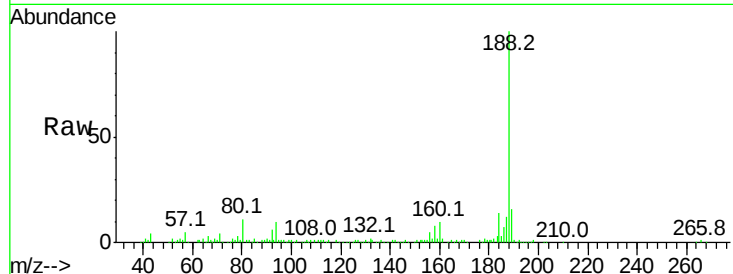




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

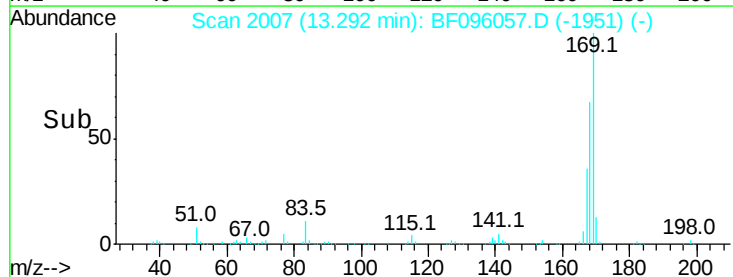
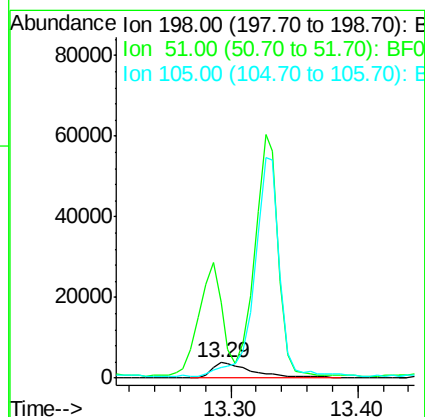
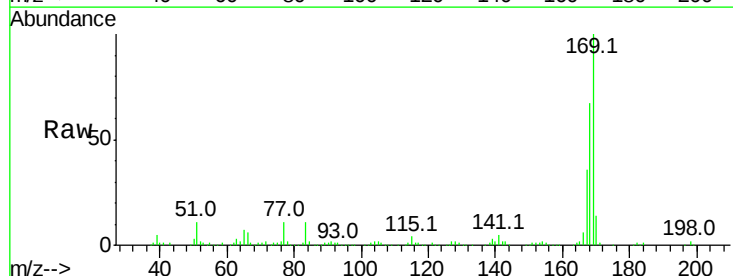
Instrument :
BNA_F
ClientSampleId :

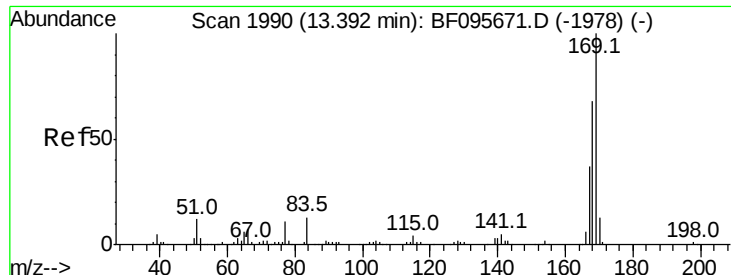
Tot Ion:188 Resp: 159636
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.35 ng
RT: 13.29 min Scan# 2007
Delta R.T. 0.03 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion:198 Resp: 8757
Ion Ratio Lower Upper
198 100
51 499.1 53.2 93.2#
105 69.2 45.8 85.8

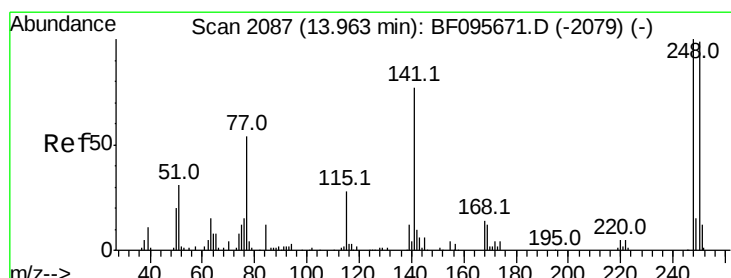
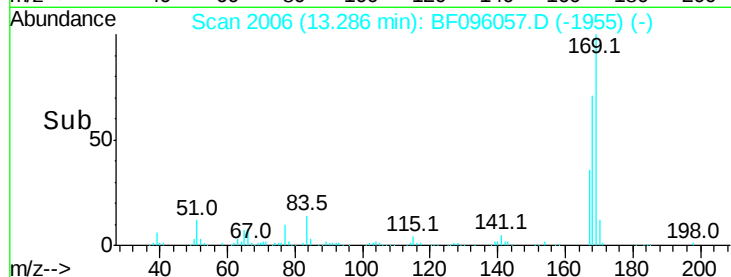
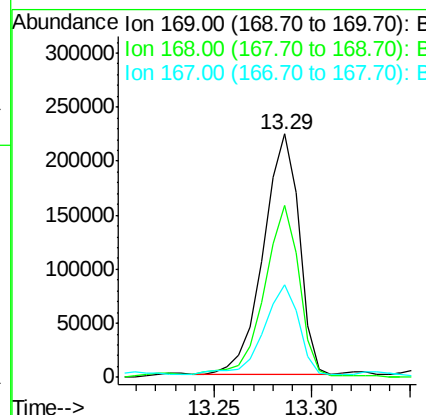
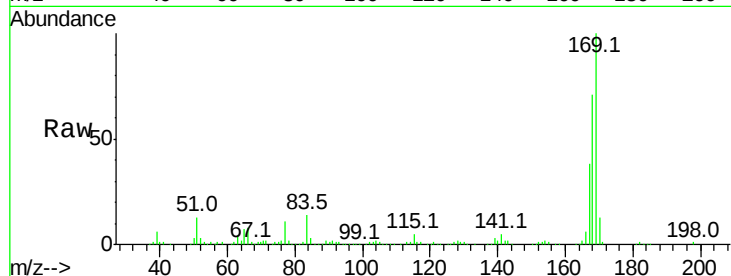




#65
n-Nitrosodiphenylamine
Concen: 49.49 ng
RT: 13.29 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

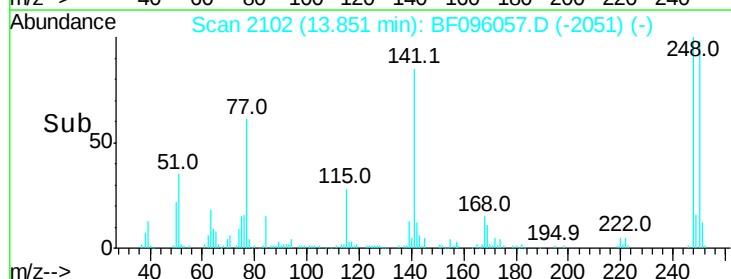
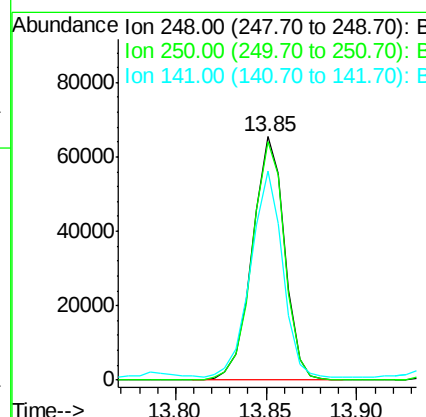
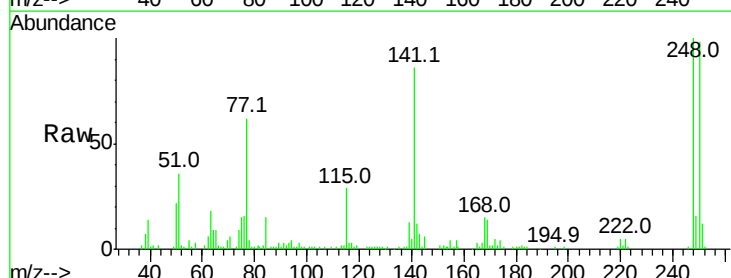
Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 283898
Ion Ratio Lower Upper
169 100
168 70.6 53.2 79.8
167 37.9 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 48.81 ng
RT: 13.85 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion:248 Resp: 80976
Ion Ratio Lower Upper
248 100
250 98.1 76.8 115.2
141 85.9 68.6 103.0

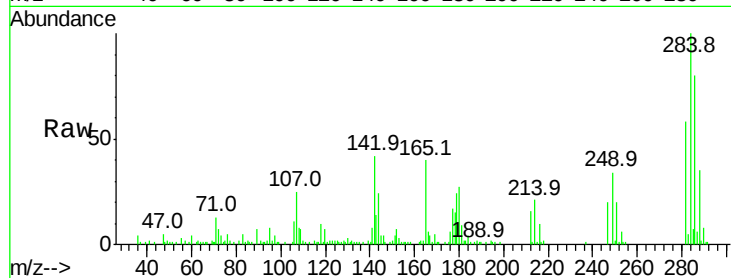




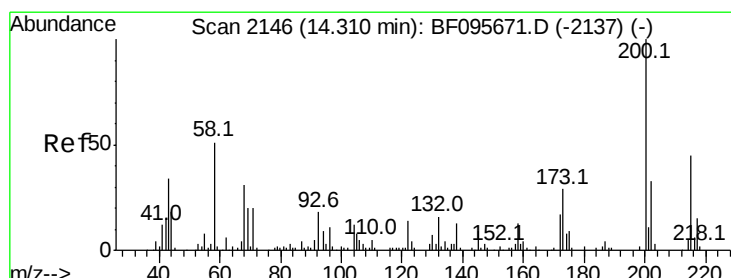
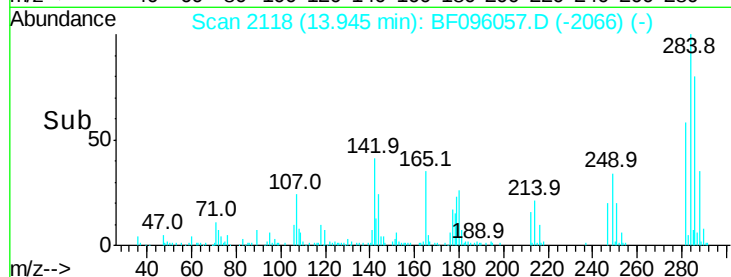
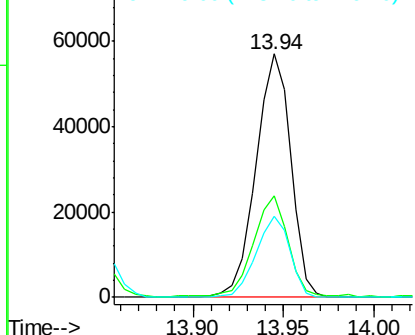
#67
Hexachlorobenzene
Concen: 46.46 ng
RT: 13.94 min Scan# 2118
Delta R.T. 0.01 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 75950
Ion Ratio Lower Upper
284 100
142 41.8 22.8 34.2#
249 33.5 24.0 36.0

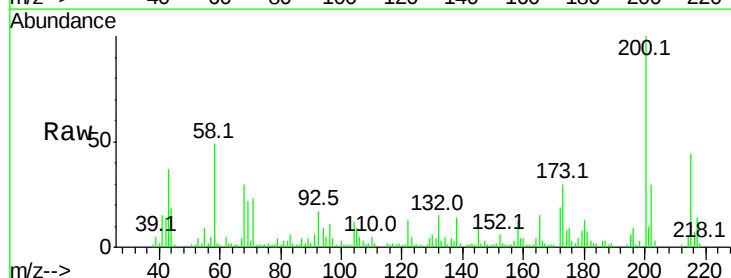


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

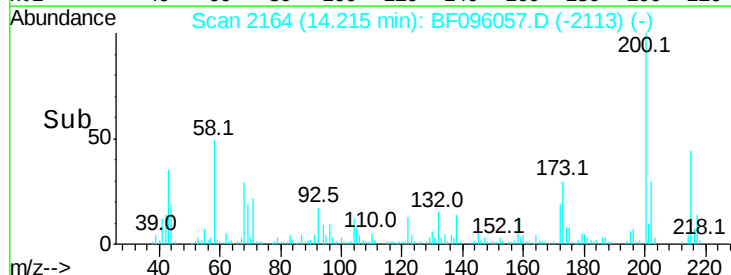
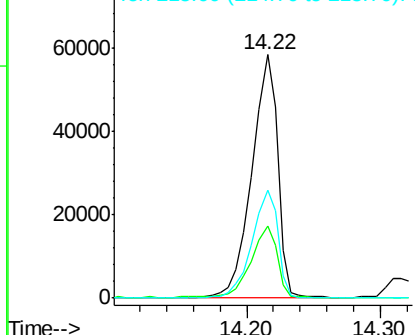


#68
Atrazine
Concen: 48.90 ng
RT: 14.22 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion:200 Resp: 78072
Ion Ratio Lower Upper
200 100
173 29.7 6.3 46.3
215 44.4 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

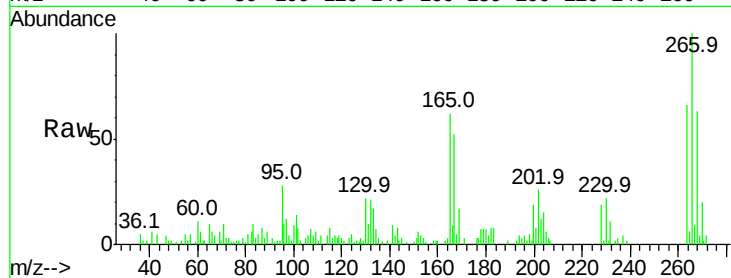




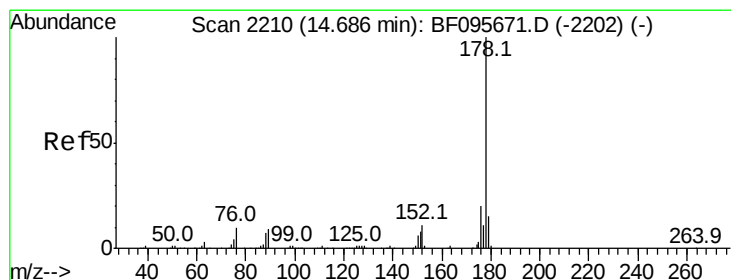
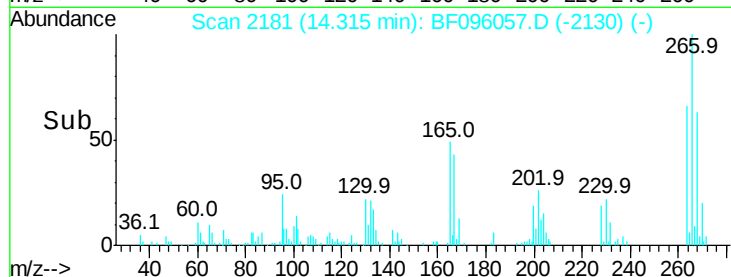
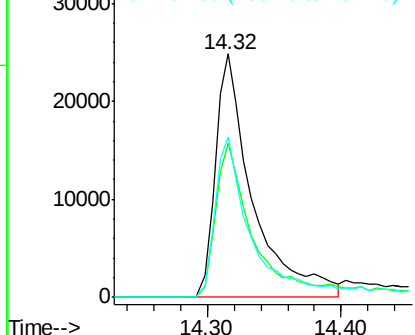
#69
 Pentachlorophenol
 Concen: 78.00 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 48241
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 66.1 51.7 77.5

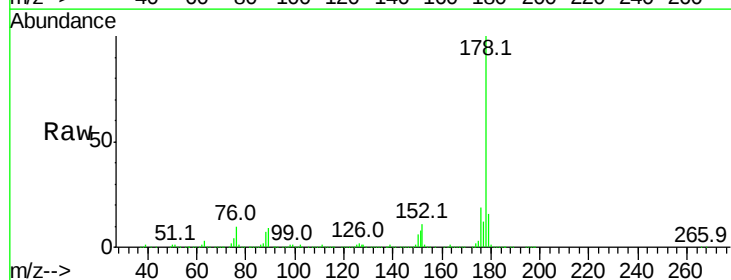


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

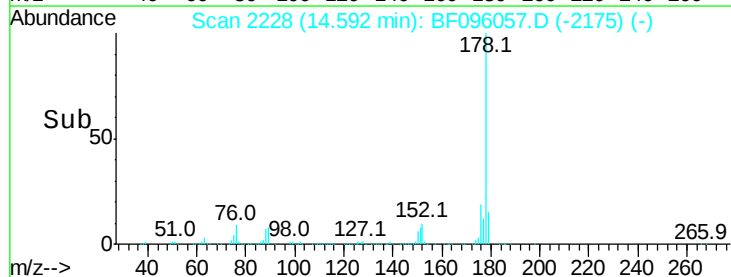
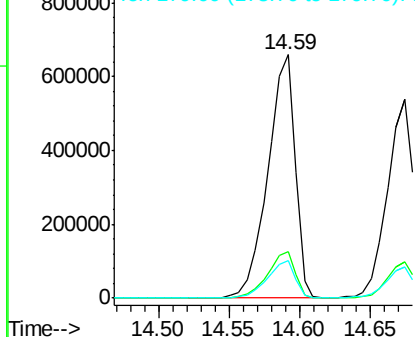


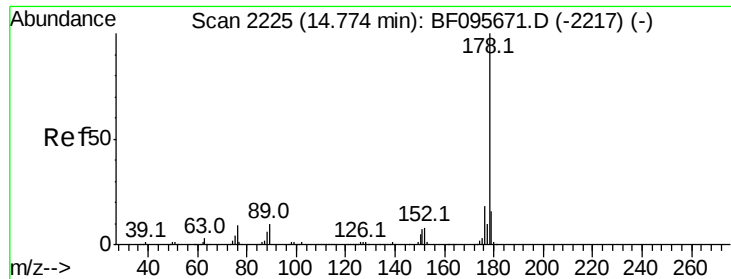
#70
 Phenanthrene
 Concen: 97.32 ng
 RT: 14.59 min Scan# 2228
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion:178 Resp: 896432
 Ion Ratio Lower Upper
 178 100
 176 19.0 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

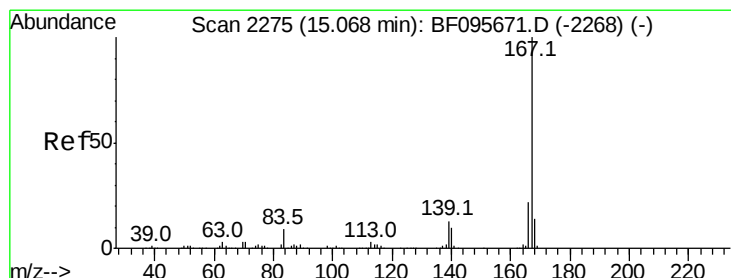
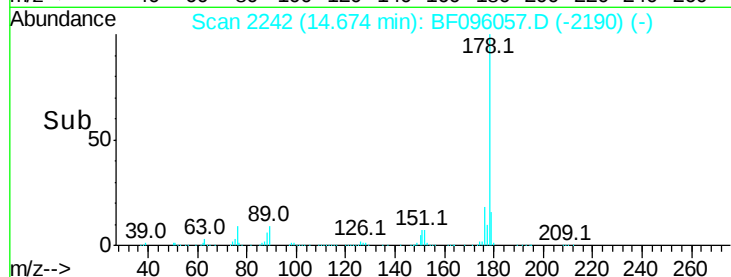
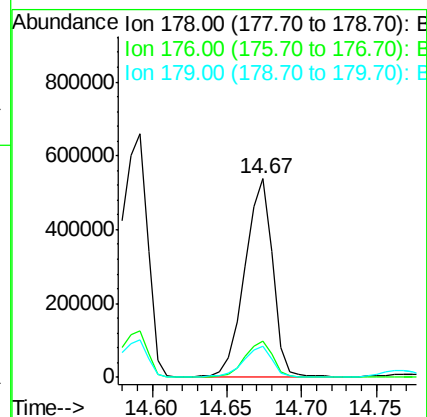
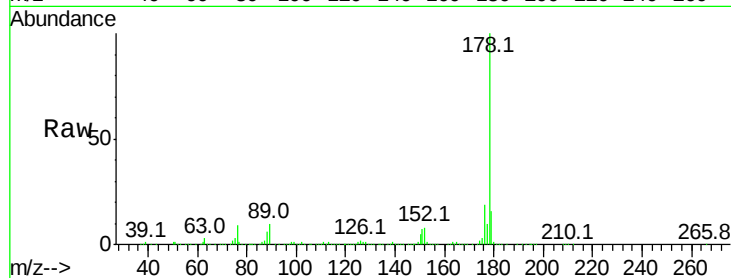




#71
 Anthracene
 Concen: 71.70 ng
 RT: 14.67 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

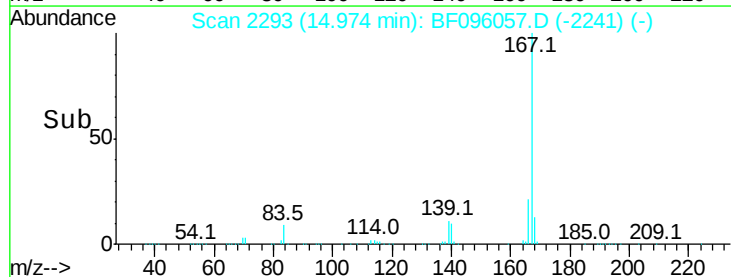
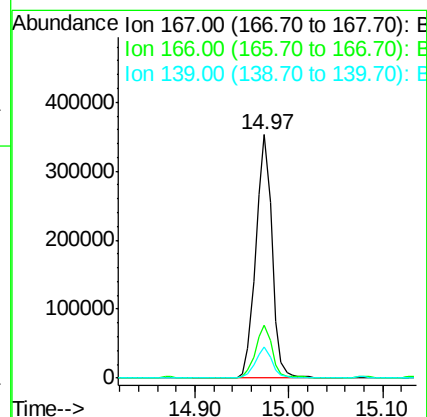
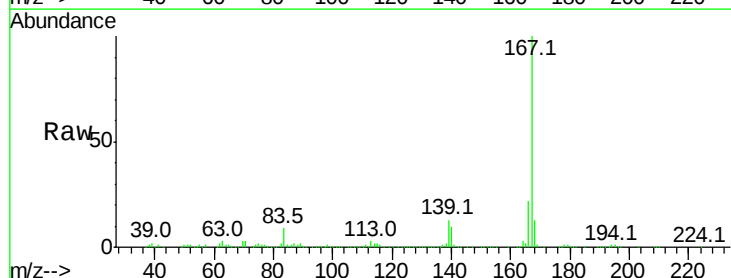
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 689512
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 44.67 ng
 RT: 14.97 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion:167 Resp: 418620
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 12.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 51.73 ng

RT: 15.57 min Scan# 2394

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

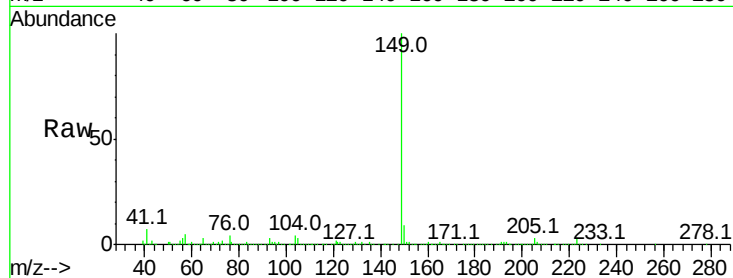
Tot Ion:149 Resp: 515769

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

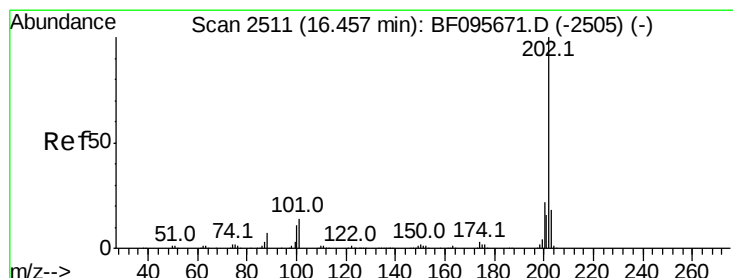
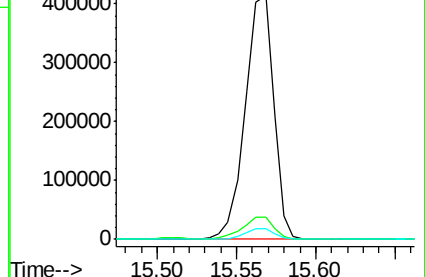
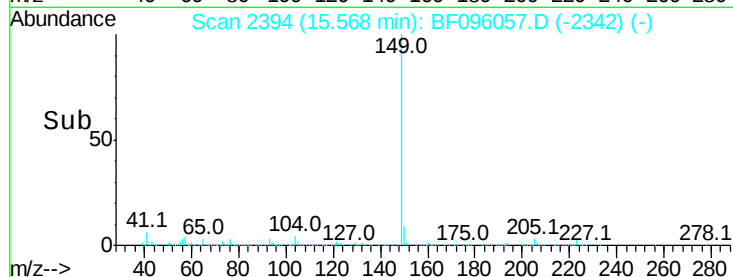
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 135.90 ng

RT: 16.39 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

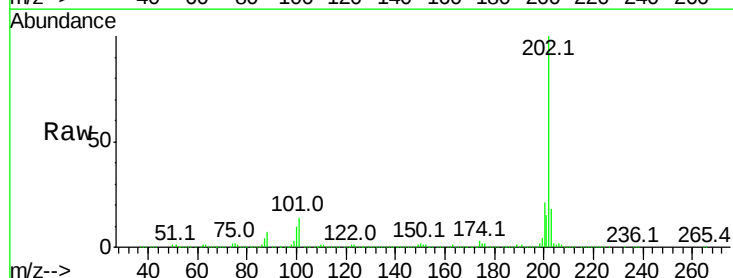
Tgt Ion:202 Resp: 1238914

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

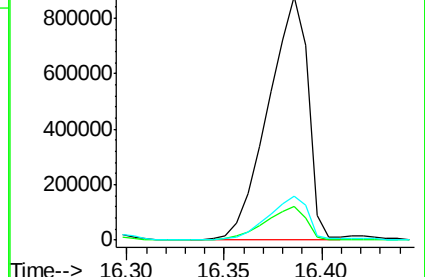
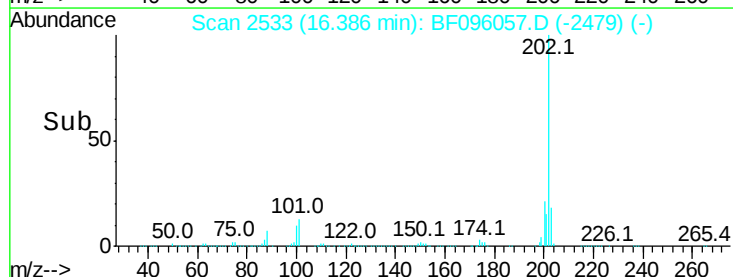
203 17.8 0.0 38.1

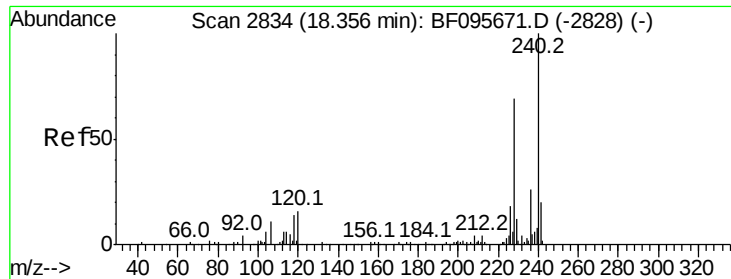


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

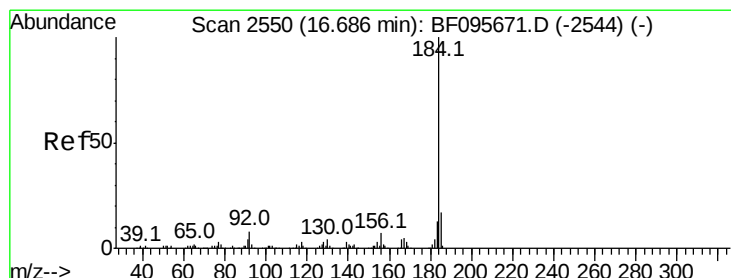
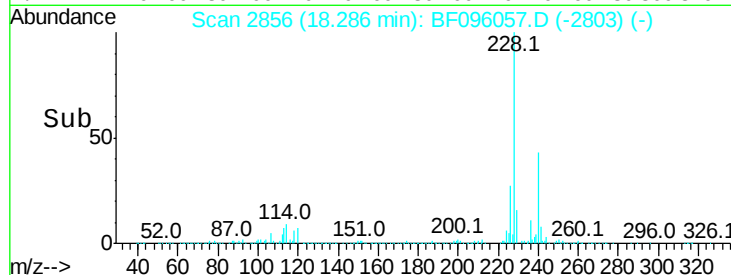
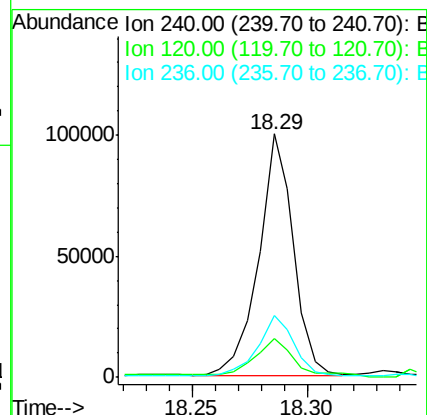
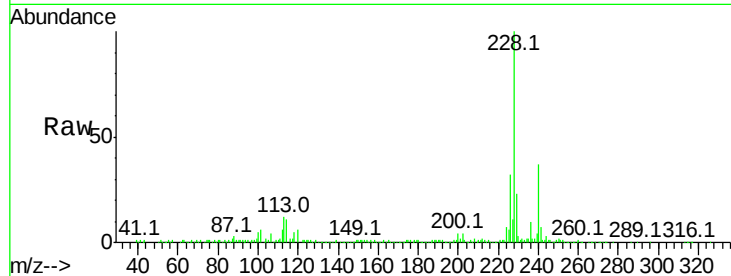
Tot Ion:240 Resp: 103804

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

236 25.3 20.5 30.7



#76

Benzidine

Concen: 18.32 ng

RT: 16.62 min Scan# 2572

Delta R.T. 0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

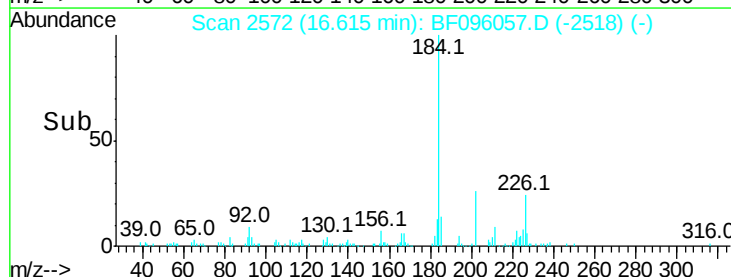
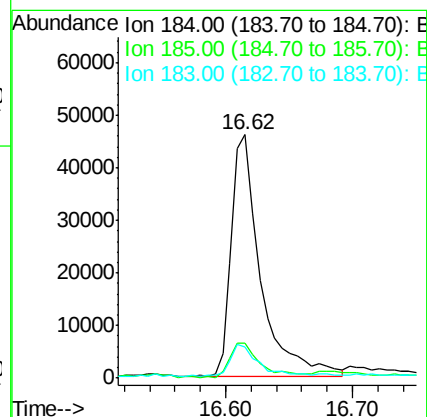
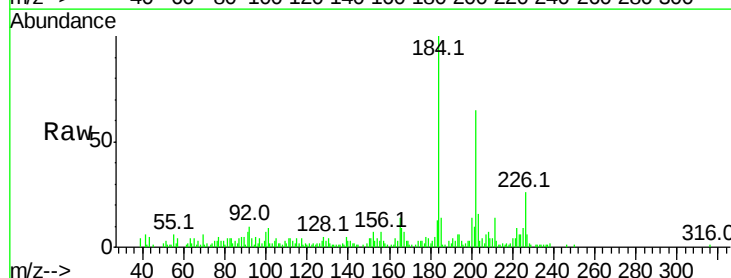
Tgt Ion:184 Resp: 73032

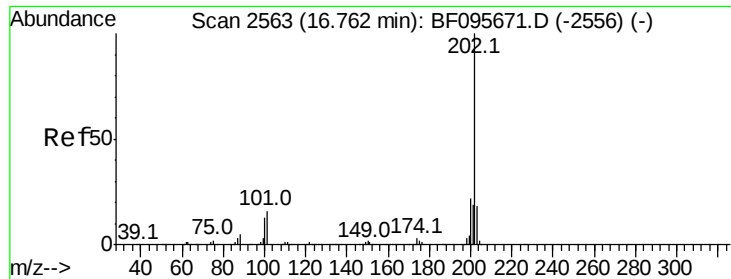
Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

183 13.0 9.8 14.6





#77

Pvrene

Concen: 186.70 ng

RT: 16.70 min Scan# 2586

Delta R.T. 0.03 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

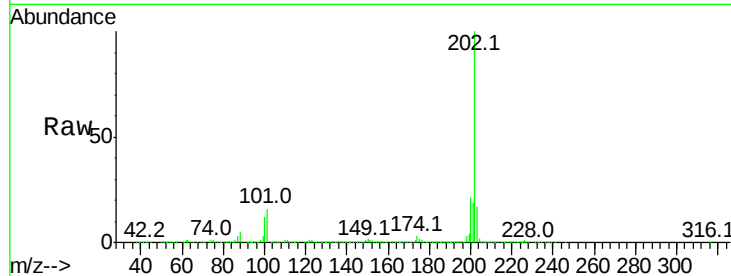
Tot Ion:202 Resp: 1446061

Ion Ratio Lower Upper

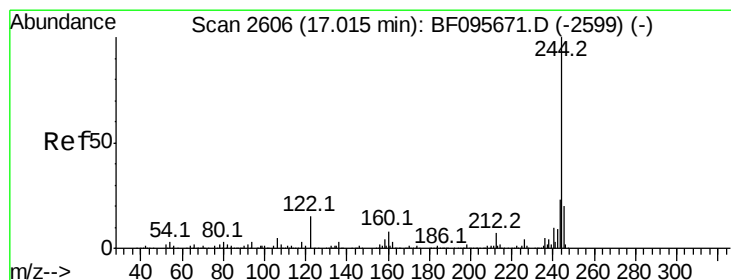
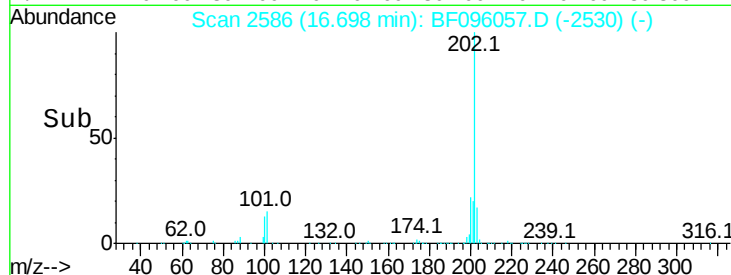
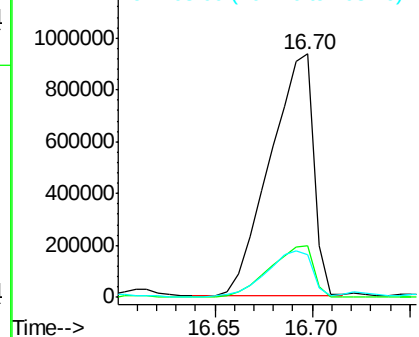
202 100

200 21.3 17.6 26.4

203 17.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 120.90 ng

RT: 16.93 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

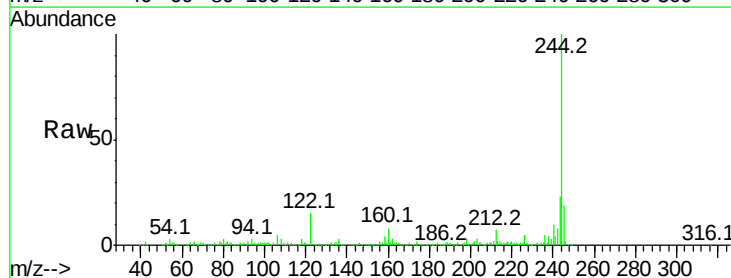
Tgt Ion:244 Resp: 505681

Ion Ratio Lower Upper

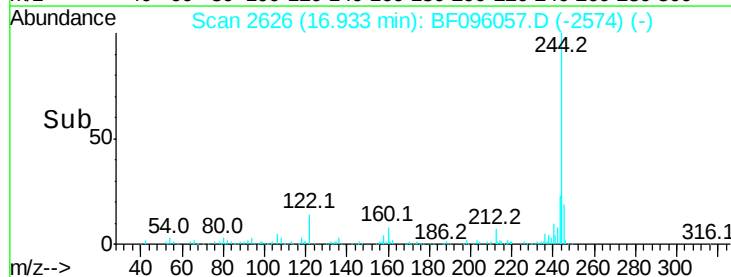
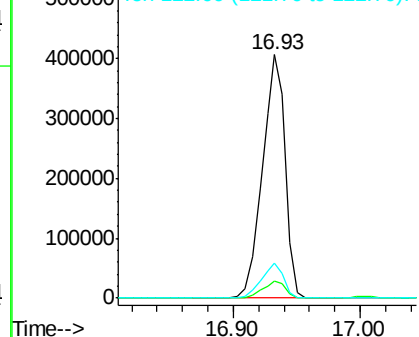
244 100

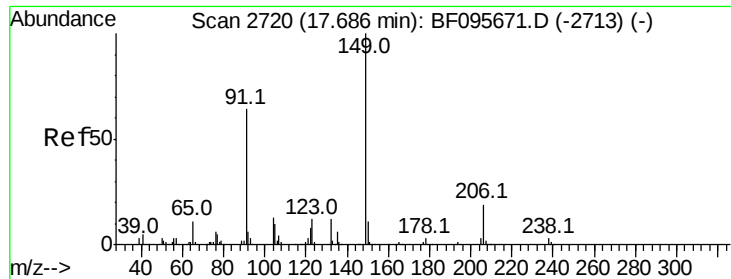
212 7.2 6.0 9.0

122 14.5 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

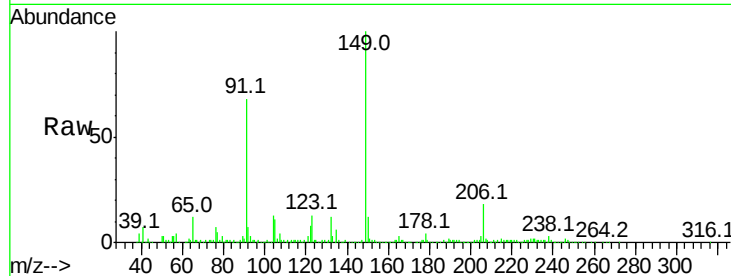




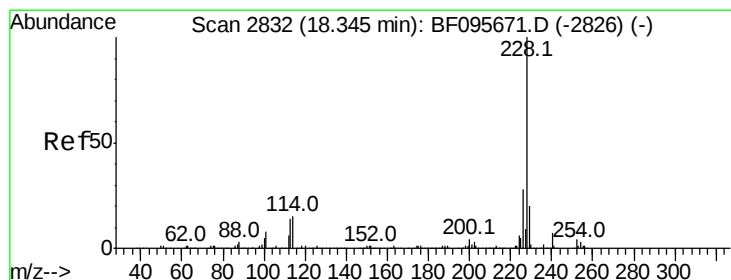
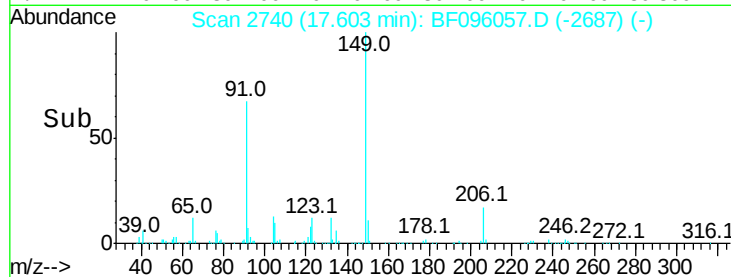
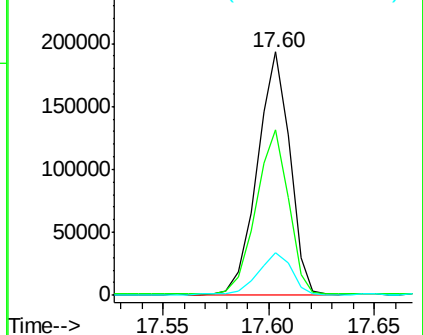
#79
Butylbenzylphthalate
Concen: 60.89 ng
RT: 17.60 min Scan# 2740
Delta R.T. 0.01 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 205971
Ion Ratio Lower Upper
149 100
91 67.8 45.0 67.4#
206 17.5 17.0 25.6

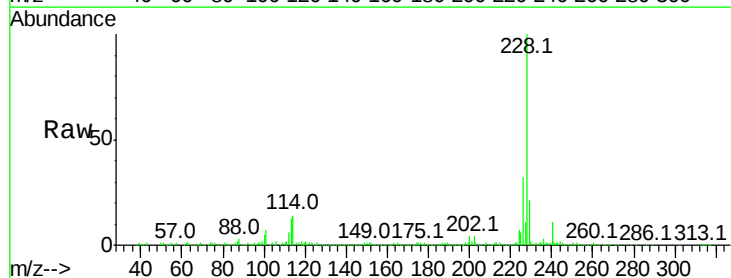


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

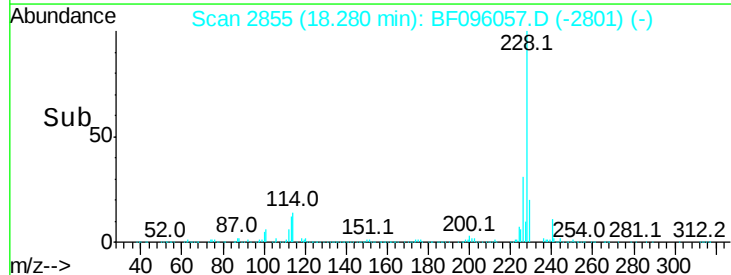
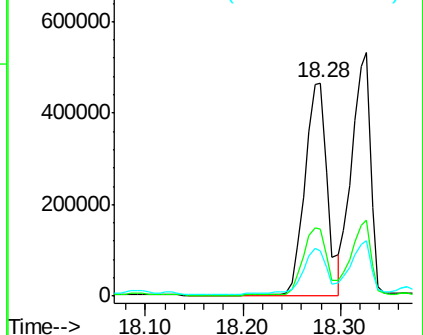


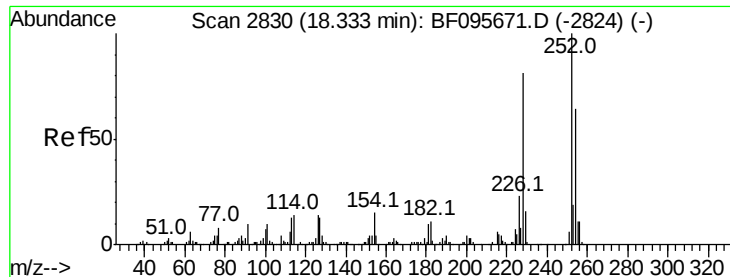
#80
Benzo(a)anthracene
Concen: 122.51 ng
RT: 18.28 min Scan# 2855
Delta R.T. 0.02 min
Lab File: BF096057.D
Acq: 20 Jun 2017 21:52

Tgt Ion:228 Resp: 739366
Ion Ratio Lower Upper
228 100
226 31.7 22.6 33.8
229 21.5 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: 40.04 ng

RT: 18.26 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampled :

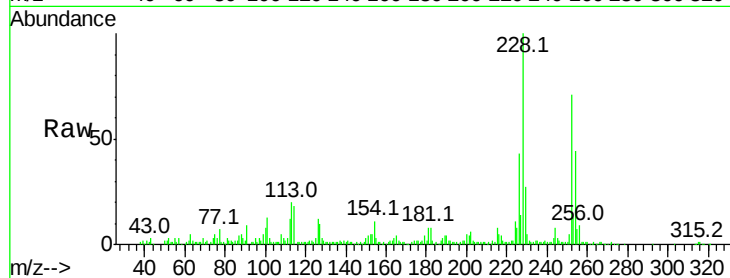
Tot Ion:252 Resp: 85905

Ion Ratio Lower Upper

252 100

254 61.9 51.5 77.3

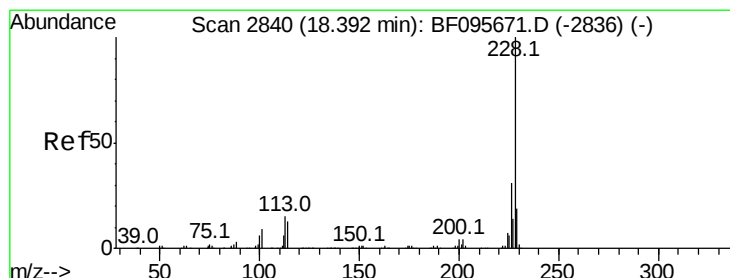
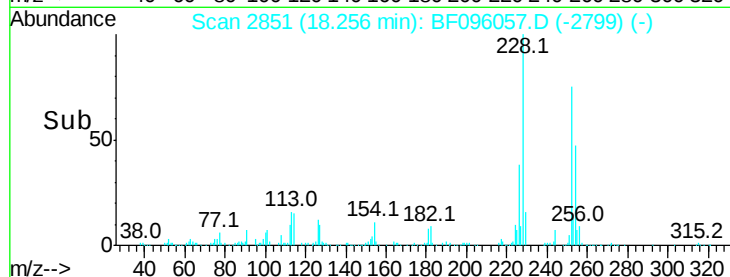
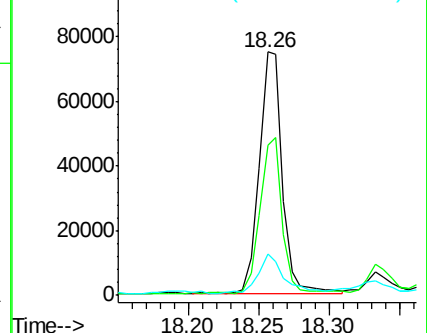
126 16.9 15.8 23.8



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: 116.12 ng

RT: 18.33 min Scan# 2863

Delta R.T. 0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

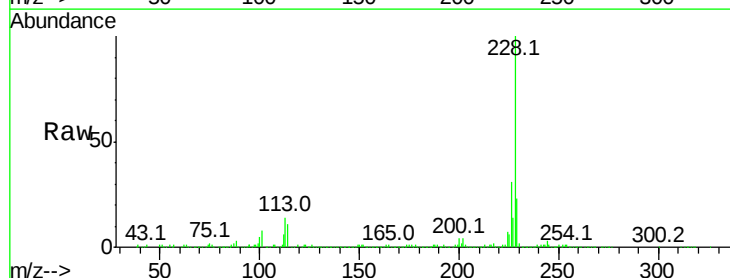
Tgt Ion:228 Resp: 700342

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

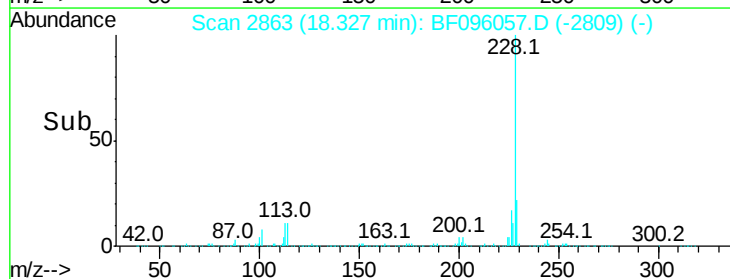
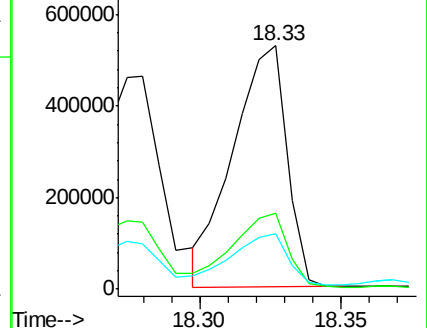
229 22.6 15.8 23.6

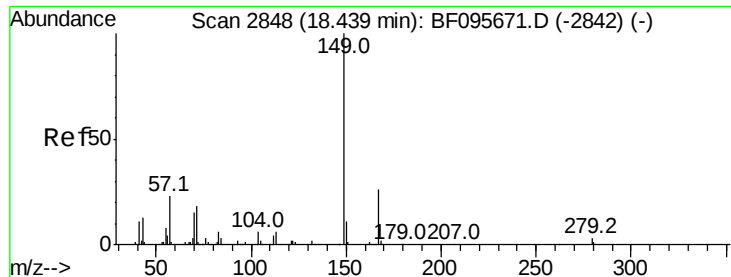


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

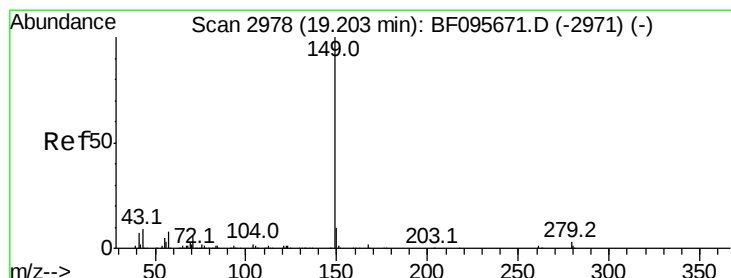
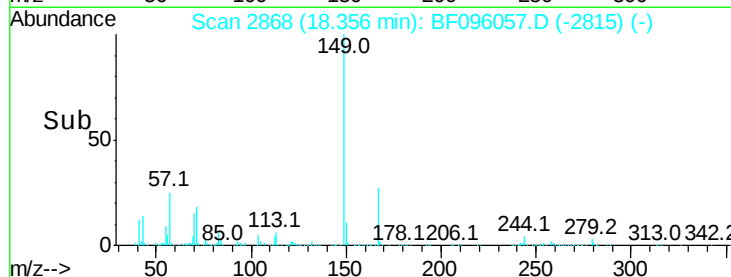
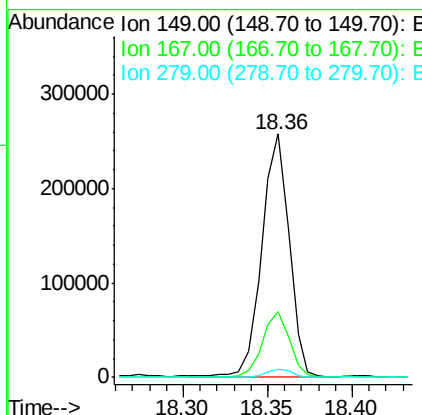
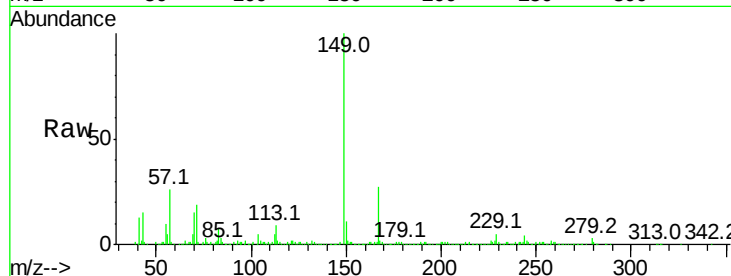




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.05 ng
 RT: 18.36 min Scan# 2868
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

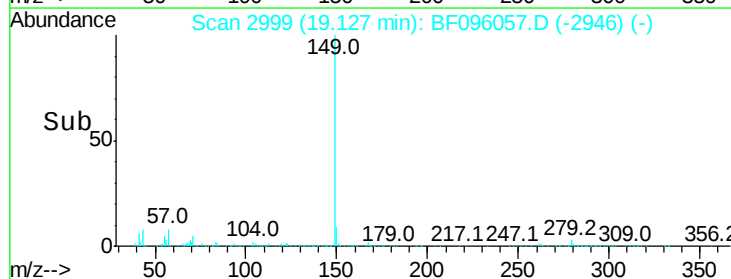
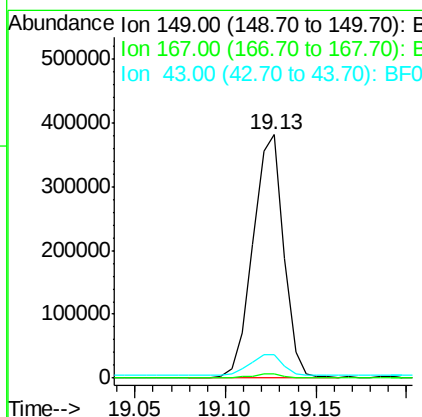
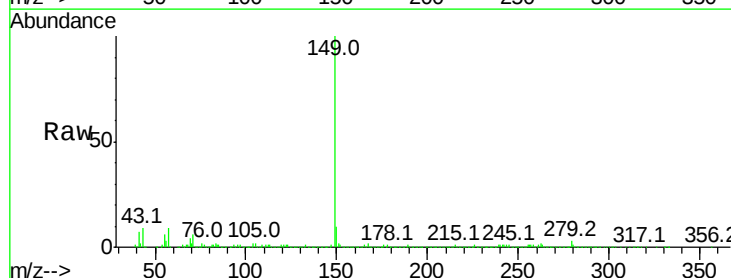
Instrument :
 BNA_F
 ClientSampleId :

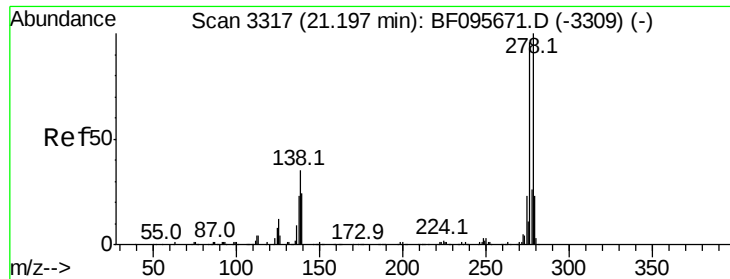
Tot Ion:149 Resp: 286554
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 56.67 ng
 RT: 19.13 min Scan# 2999
 Delta R.T. 0.01 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Tgt Ion:149 Resp: 445605
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.3 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 71.87 ng

RT: 21.12 min Scan# 3338

Delta R.T. 0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

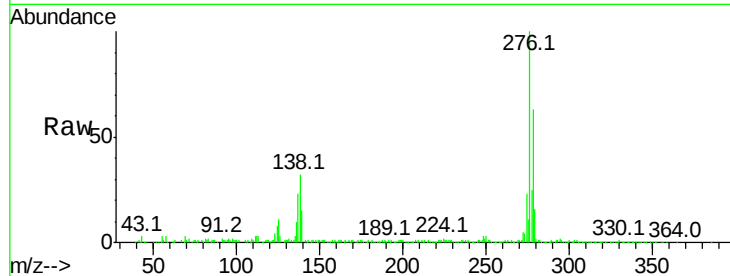
Tot Ion:276 Resp: 370860

Ion Ratio Lower Upper

276 100

138 33.1 27.8 41.6

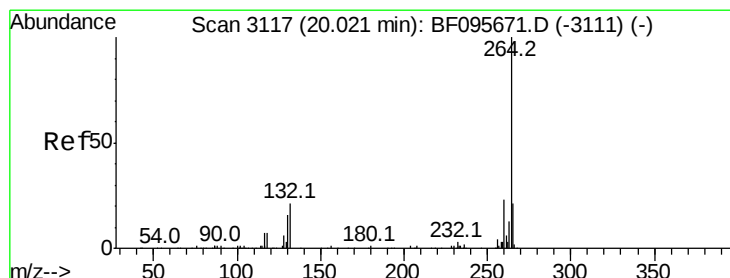
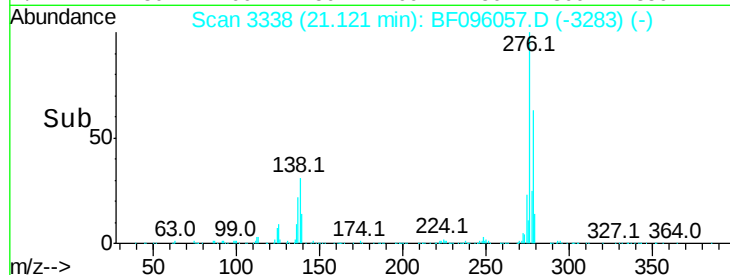
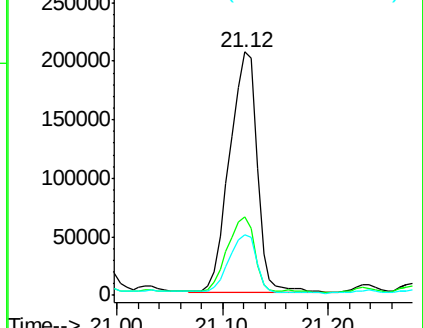
277 23.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.96 min Scan# 3140

Delta R.T. 0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

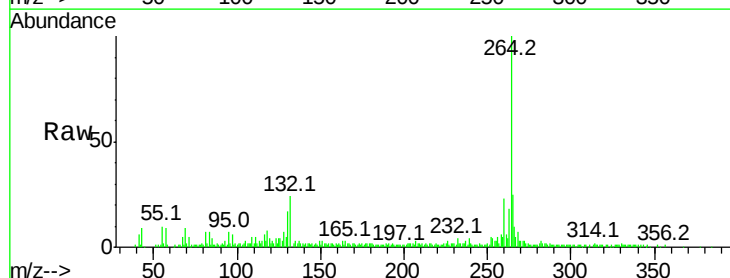
Tgt Ion:264 Resp: 84789

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

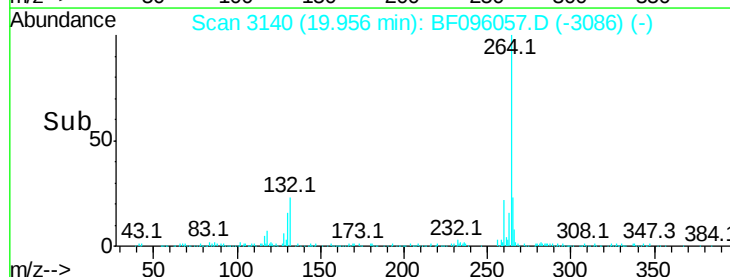
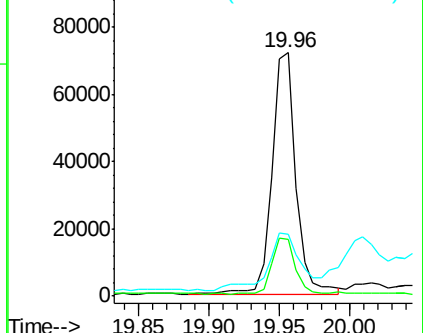
265 25.5 17.2 25.8

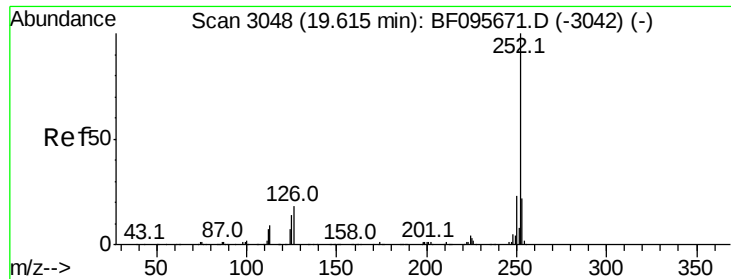


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 111.94 ng

RT: 19.56 min Scan# 3072

Delta R.T. 0.02 min

Lab File: BF096057.D

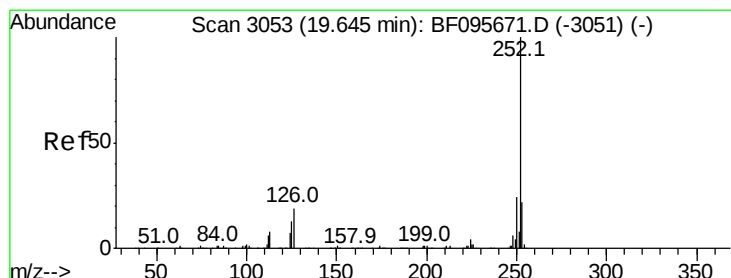
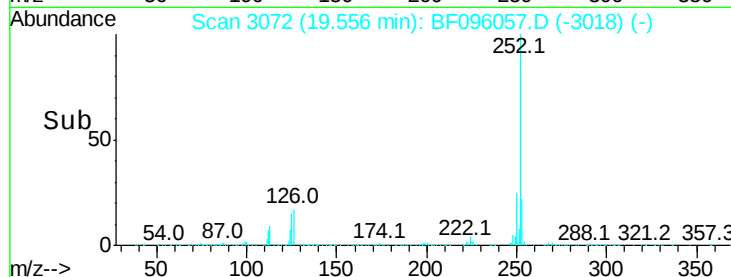
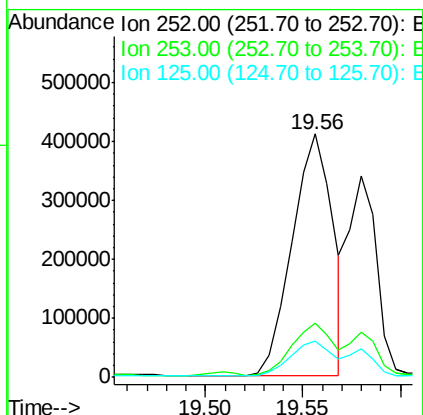
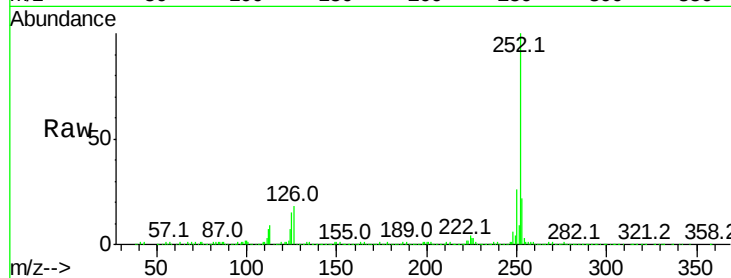
Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	594301
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.1 27.1
125	14.8	9.8 14.8#



#88

Benzo(k)fluoranthene

Concen: 117.11 ng

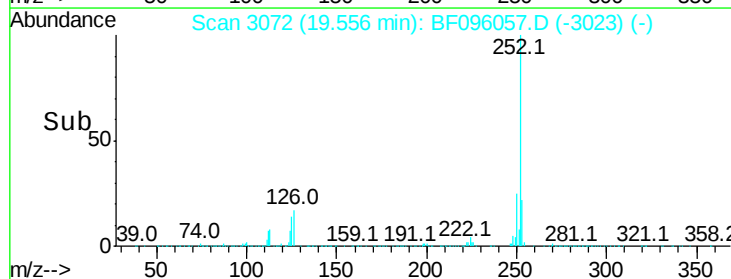
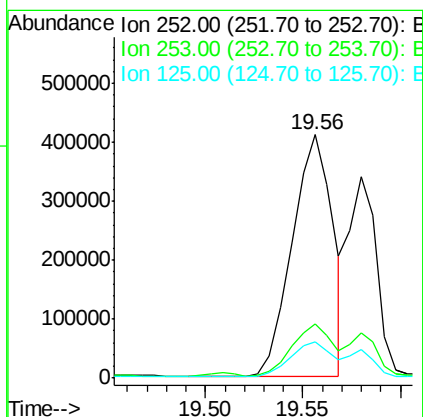
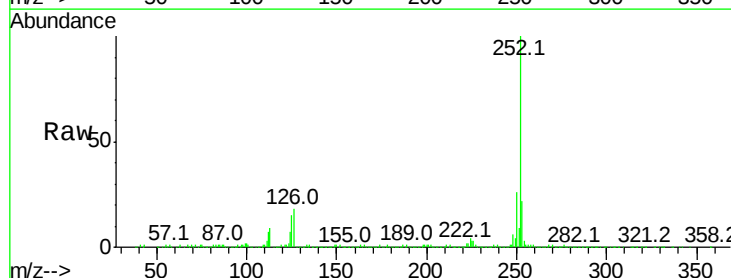
RT: 19.56 min Scan# 3072

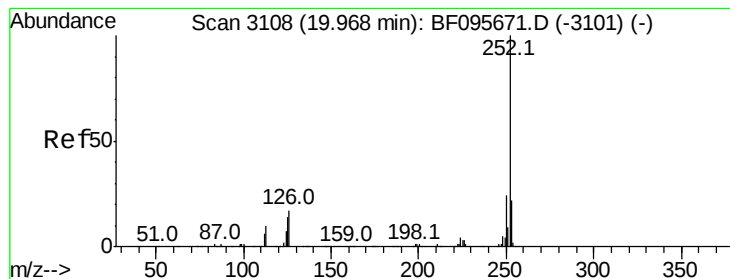
Delta R.T. -0.01 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Tgt Ion:252	Resp:	594301
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.4 27.6
125	14.8	13.1 19.7





#89

Benzo(a)pyrene

Concen: 103.90 ng

RT: 19.90 min Scan# 3131

Delta R.T. 0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

Instrument :

BNA_F

ClientSampleId :

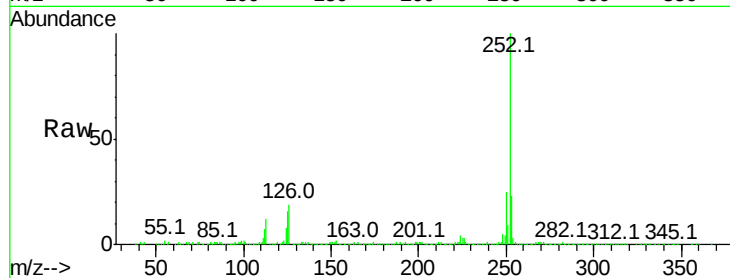
Tot Ion:252 Resp: 507024

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

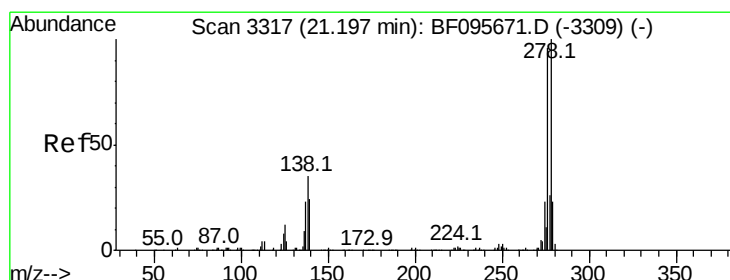
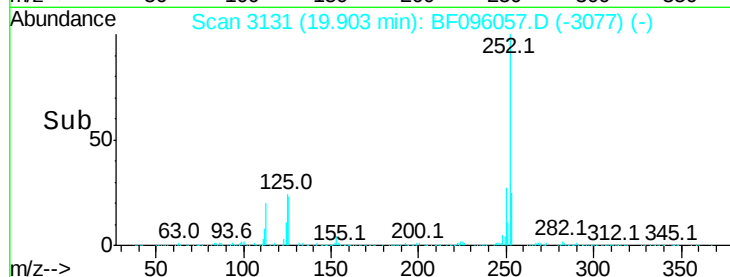
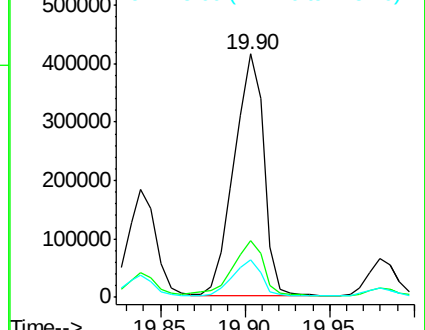
125 15.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.49 ng

RT: 21.11 min Scan# 3337

Delta R.T. 0.02 min

Lab File: BF096057.D

Acq: 20 Jun 2017 21:52

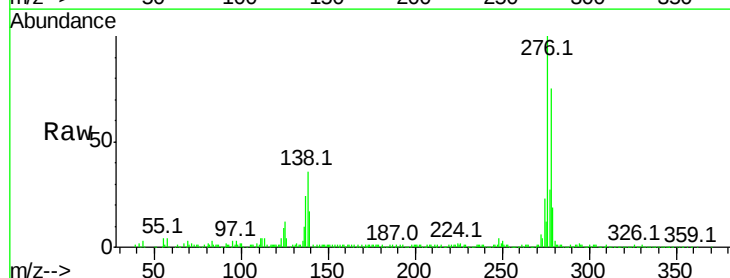
Tgt Ion:278 Resp: 221415

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

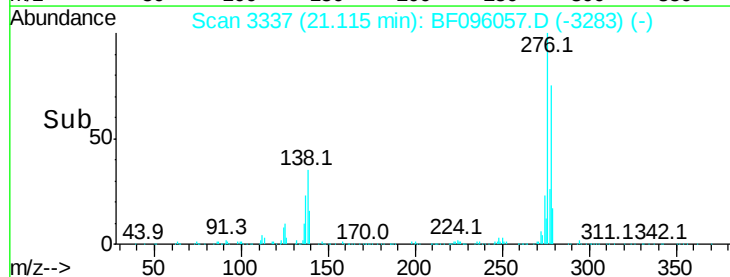
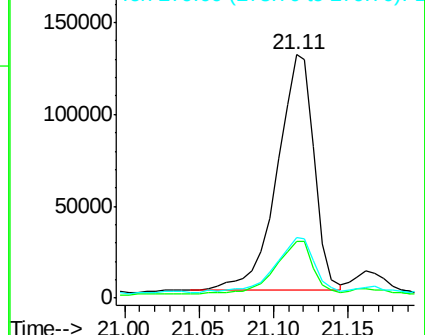
279 25.1 19.3 28.9

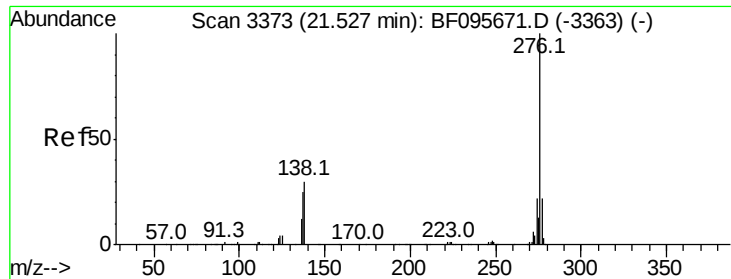


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

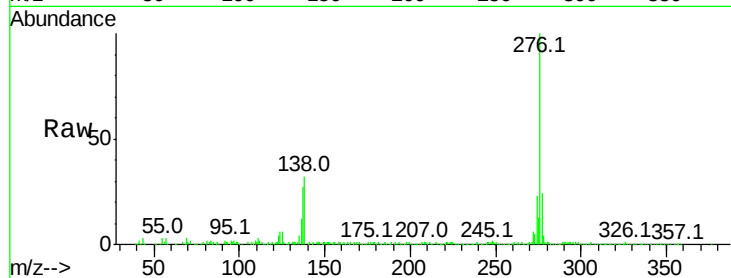




#91
 Benzo(a,h,i)perylene
 Concen: 81.83 ng
 RT: 21.44 min Scan# 3393
 Delta R.T. 0.02 min
 Lab File: BF096057.D
 Acq: 20 Jun 2017 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	31.8	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

