

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096138.D
 Acq On : 23 Jun 2017 00:24
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 01:21:18 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	7.27	152	96988	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	384422	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	161698	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	249651	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	184963	20.00	ng	0.00
86) Perylene-d12	19.94	264	164885	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	510806	83.92	ng	-0.02
7) Phenol-d6	6.86	99	580217	79.63	ng	-0.01
23) Nitrobenzene-d5	8.21	82	513661	82.98	ng	-0.01
41) 2,4,6-Tribromophenol	13.43	330	104622	73.13	ng	-0.02
44) 2-Fluorobiphenyl	11.10	172	932667	80.27	ng	-0.01
78) Terphenyl-d14	16.92	244	602323	80.82	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.58	88	174367	60.22	ng	# 75
3) Pyridine	2.10	79	303300	44.57	ng	98
4) n-Nitrosodimethylamine	2.08	42	114706	44.34	ng	82
6) Aniline	6.78	93	385980	40.49	ng	94
8) 2-Chlorophenol	6.97	128	268186	41.44	ng	95
9) Benzaldehyde	6.59	77	187187	38.08	ng	97
10) Phenol	6.87	94	321371	42.52	ng	91
11) bis(2-Chloroethyl)ether	6.93	93	252752	42.21	ng	95
12) 1,3-Dichlorobenzene	7.17	146	294166	40.16	ng	98
13) 1,4-Dichlorobenzene	7.30	146	306771	41.30	ng	98
14) 1,2-Dichlorobenzene	7.54	146	280817	41.01	ng	95
15) Benzyl Alcohol	7.60	79	208115	41.61	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.77	45	354020	42.08	ng	100
17) 2-Methylphenol	7.84	107	228955	42.16	ng	93
18) Hexachloroethane	8.05	117	92977	37.90	ng	# 87
19) n-Nitroso-di-n-propylamine	8.03	70	193123	41.82	ng	92
20) 3+4-Methylphenols	8.09	107	308377	44.73	ng	# 56
22) Acetophenone	7.98	105	377928	42.00	ng	# 84
24) Nitrobenzene	8.24	77	274874	41.57	ng	91
25) Isophorone	8.64	82	472093	40.85	ng	95
26) 2-Nitrophenol	8.75	139	129492	37.40	ng	98
27) 2,4-Dimethylphenol	8.90	122	229130	42.64	ng	99
28) bis(2-Chloroethoxy)methane	9.02	93	321554	42.21	ng	99
29) 2,4-Dichlorophenol	9.19	162	208868	40.36	ng	98
30) 1,2,4-Trichlorobenzene	9.25	180	215680	40.05	ng	99
31) Naphthalene	9.35	128	773898	40.11	ng	100
32) Benzoic acid	9.27	122	54964	19.74	ng	95
33) 4-Chloroaniline	9.50	127	313661	41.60	ng	# 92
34) Hexachlorobutadiene	9.56	225	113178	40.68	ng	98
35) Caprolactam	10.16	113	62238	40.42	ng	88
36) 4-Chloro-3-methylphenol	10.39	107	218756	40.38	ng	89
37) 2-Methylnaphthalene	10.47	142	517314	39.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	203059	41.96	ng	98
40) Hexachlorocyclopentadiene	10.72	237	1817	12.27	ng	84

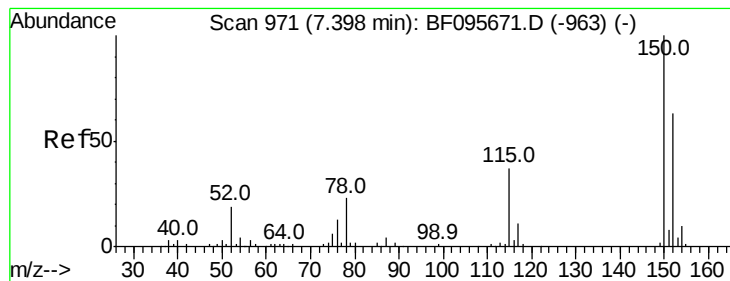
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096138.D
 Acq On : 23 Jun 2017 00:24
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jun 23 01:21:18 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)
42) 2,4,6-Trichlorophenol	11.00	196	128315	41.24	ng	98
43) 2,4,5-Trichlorophenol	11.10	196	122734	37.08	ng	96
45) 1,1'-Biphenyl	11.24	154	556540	41.76	ng	98
46) 2-Chloronaphthalene	11.26	162	418318	40.17	ng	95
47) 2-Nitroaniline	11.49	65	129309	42.44	ng	# 78
48) Acenaphthylene	11.90	152	672708	37.78	ng	99
49) Dimethylphthalate	11.81	163	498288	40.59	ng	98
50) 2,6-Dinitrotoluene	11.90	165	98431	36.76	ng	# 61
51) Acenaphthene	12.19	154	402258	39.12	ng	99
52) 3-Nitroaniline	12.17	138	130351	41.78	ng	92
53) 2,4-Dinitrophenol	12.48	184	3417	8.55	ng	# 1
54) Dibenzofuran	12.47	168	568603	39.29	ng	98
55) 4-Nitrophenol	12.64	139	38396	24.49	ng	# 76
56) 2,4-Dinitrotoluene	12.58	165	143736	39.74	ng	# 91
57) Fluorene	13.03	166	484650	38.48	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.74	232	81116	35.82	ng	# 91
59) Diethylphthalate	12.94	149	490839	41.54	ng	99
60) 4-Chlorophenyl-phenylether	13.06	204	215171	39.28	ng	91
61) 4-Nitroaniline	13.17	138	117983	40.50	ng	96
62) Azobenzene	13.32	77	416625	38.91	ng	94
64) 4,6-Dinitro-2-methylphenol	13.29	198	14968	9.12	ng	84
65) n-Nitrosodiphenylamine	13.27	169	402377	44.85	ng	99
66) 4-Bromophenyl-phenylether	13.84	248	114609	44.17	ng	96
67) Hexachlorobenzene	13.93	284	111036	43.43	ng	# 91
68) Atrazine	14.20	200	106174	42.53	ng	97
69) Pentachlorophenol	14.32	266	17950	23.59	ng	94
70) Phenanthrene	14.57	178	589606	40.93	ng	98
71) Anthracene	14.65	178	615278	40.91	ng	97
72) Carbazole	14.96	167	608269	41.51	ng	97
73) Di-n-butylphthalate	15.55	149	727722	46.67	ng	98
74) Fluoranthene	16.36	202	542432	38.05	ng	99
76) Benzidine	16.60	184	251261	35.37	ng	# 93
77) Pyrene	16.66	202	548934	39.77	ng	98
79) Butylbenzylphthalate	17.59	149	249650	41.42	ng	89
80) Benzo(a)anthracene	18.26	228	434593	40.41	ng	97
81) 3,3'-Dichlorobenzidine	18.24	252	161920	42.35	ng	# 96
82) Chrysene	18.30	228	439221	40.87	ng	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	354747	41.72	ng	100
84) Di-n-octyl phthalate	19.11	149	589101	42.05	ng	96
85) Indeno(1,2,3-cd)pyrene	21.10	276	354493	38.55	ng	99
87) Benzo(b)fluoranthene	19.53	252	398340	38.58	ng	98
88) Benzo(k)fluoranthene	19.56	252	436129	44.19	ng	95
89) Benzo(a)pyrene	19.89	252	390468	41.15	ng	99
90) Dibenzo(a,h)anthracene	21.10	278	311289	38.67	ng	98
91) Benzo(g,h,i)perylene	21.42	276	295702	36.03	ng	100

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

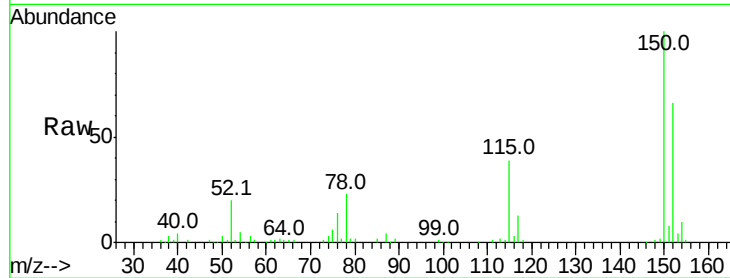


#1

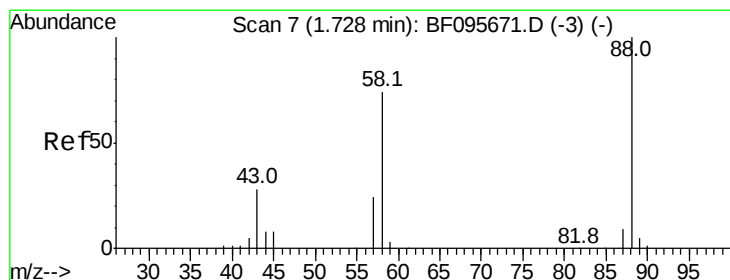
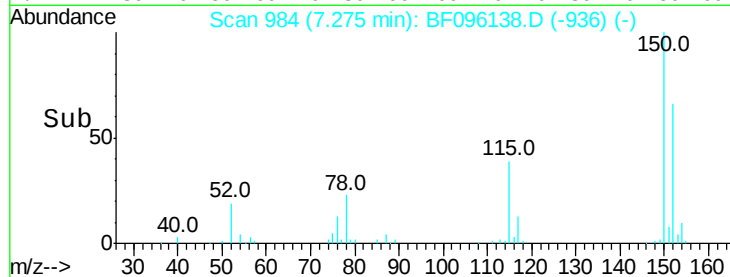
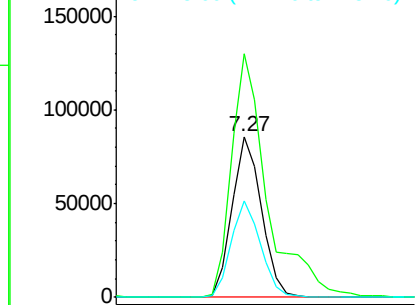
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96988
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.2
115 59.6 52.2 78.2



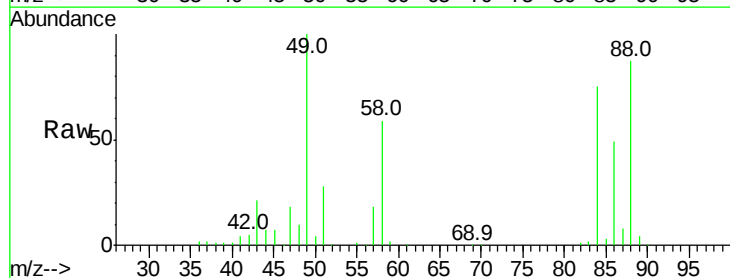
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



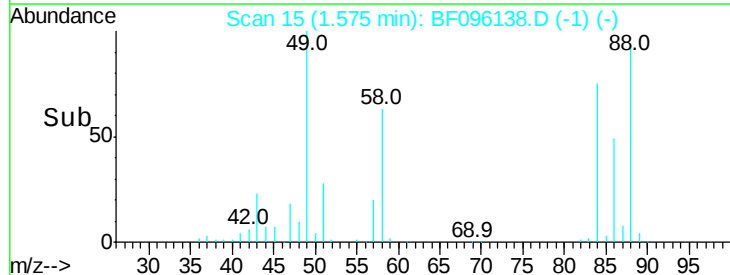
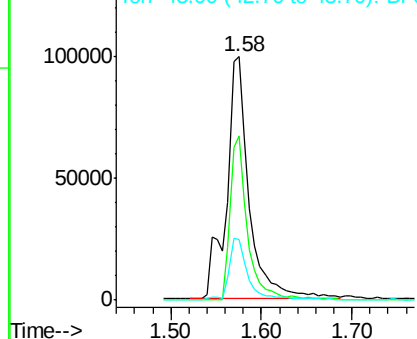
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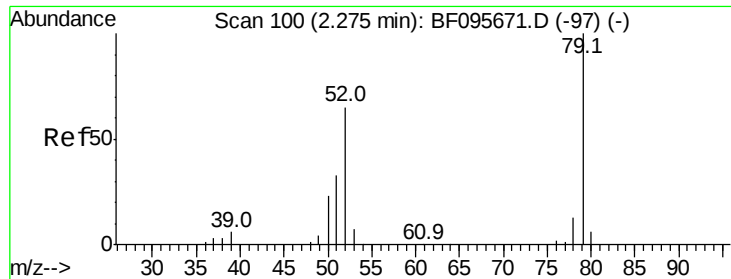
1,4-Dioxane
Concen: 60.22 ng
RT: 1.58 min Scan# 15
Delta R.T. -0.04 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion: 88 Resp: 174367
Ion Ratio Lower Upper
88 100
58 52.0 61.4 92.0#
43 21.6 23.4 35.0#



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

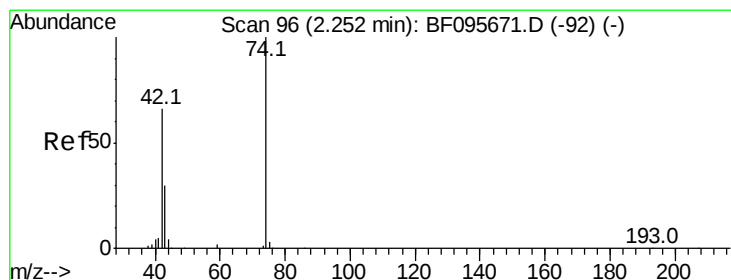
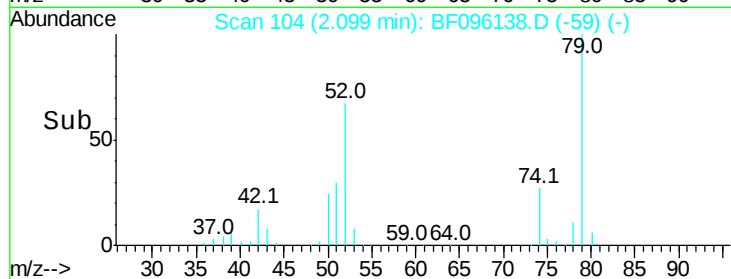
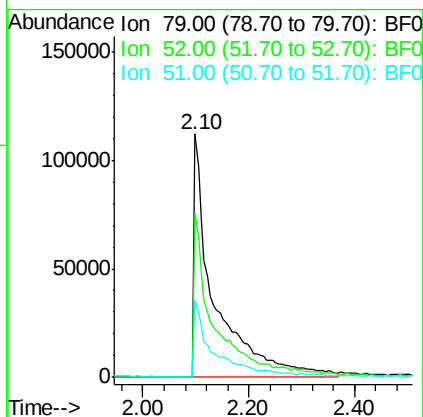
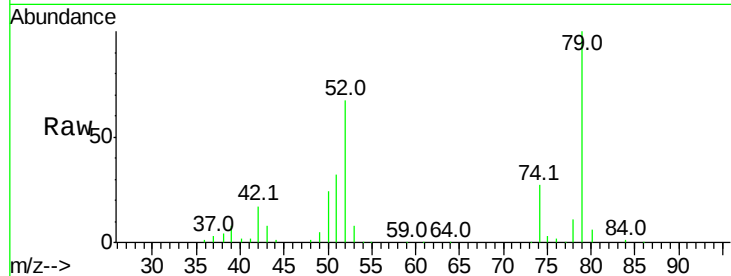




#3
 Pvridine
 Concen: 44.57 ng
 RT: 2.10 min Scan# 104
 Delta R.T. -0.04 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

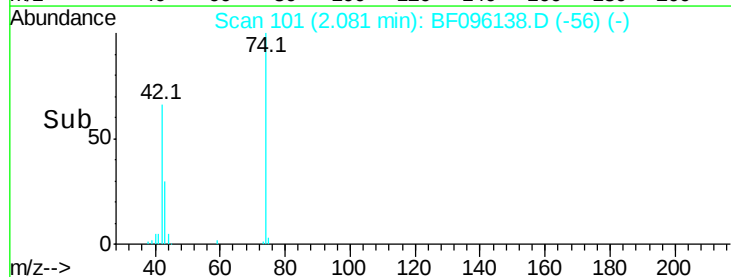
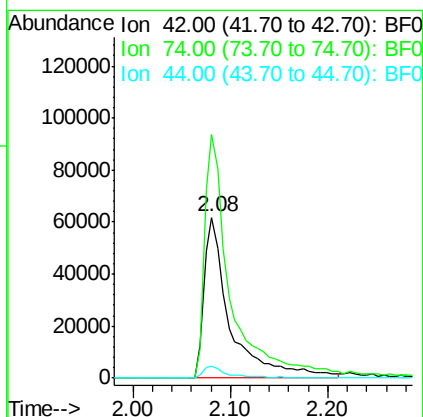
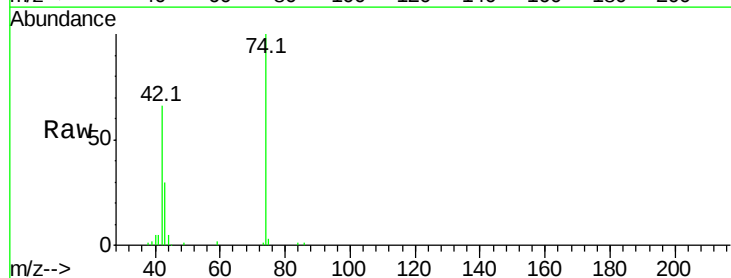
Instrument :
 BNA_F
 ClientSampled :

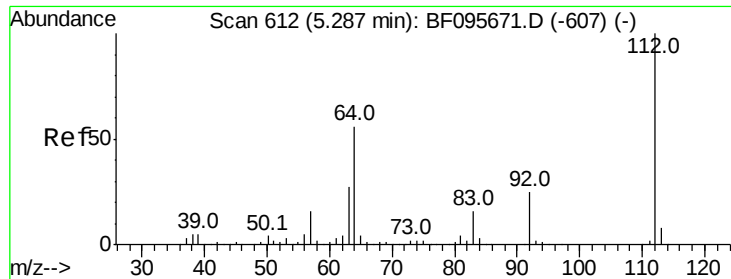
Tot Ion: 79 Resp: 303300
 Ion Ratio Lower Upper
 79 100
 52 67.3 54.8 82.2
 51 31.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 44.34 ng
 RT: 2.08 min Scan# 101
 Delta R.T. -0.04 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion: 42 Resp: 114706
 Ion Ratio Lower Upper
 42 100
 74 151.4 103.9 155.9
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 83.92 ng

RT: 5.16 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampled :

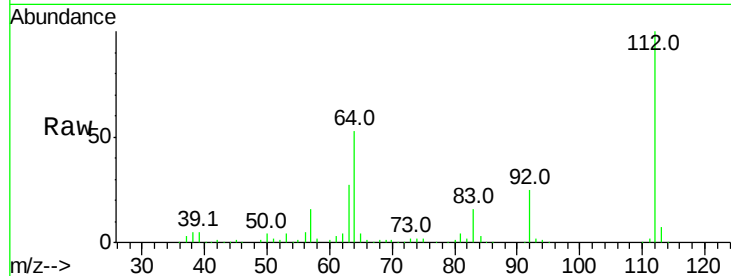
Tot Ion:112 Resp: 510806

Ion Ratio Lower Upper

112 100

64 52.9 46.0 69.0

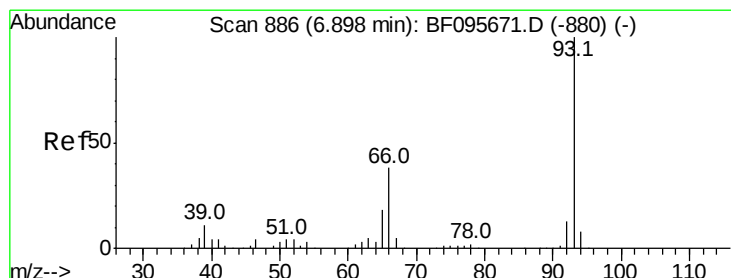
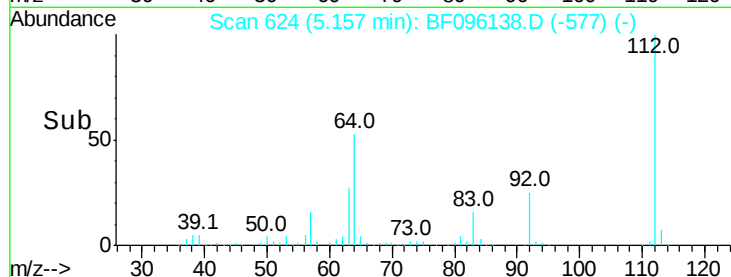
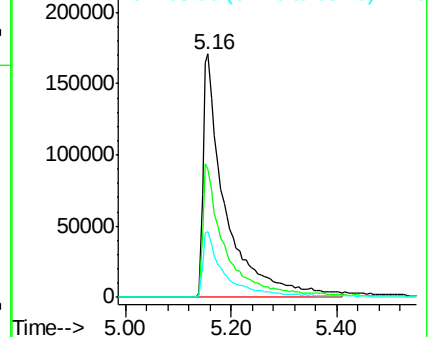
63 27.1 23.4 35.0



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: 40.49 ng

RT: 6.78 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

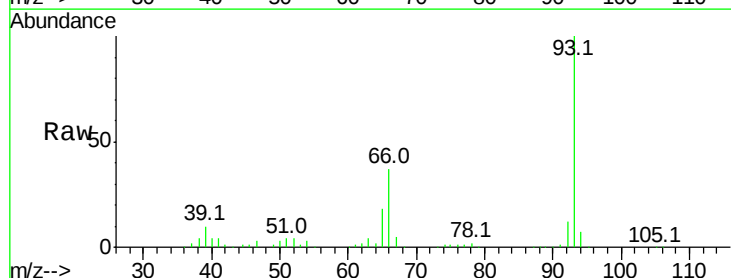
Tgt Ion: 93 Resp: 385980

Ion Ratio Lower Upper

93 100

66 37.1 32.9 49.3

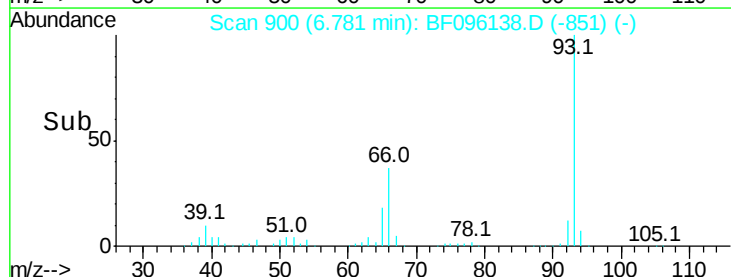
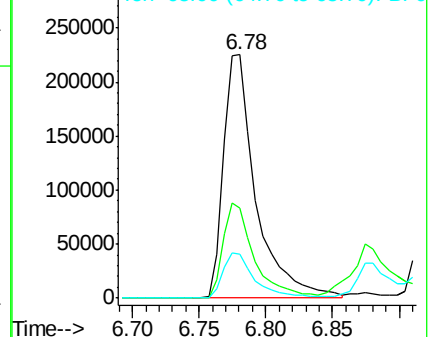
65 17.9 16.0 24.0

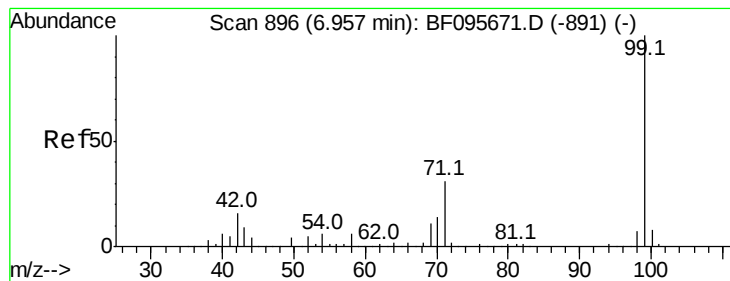


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.63 ng

RT: 6.86 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampleId :

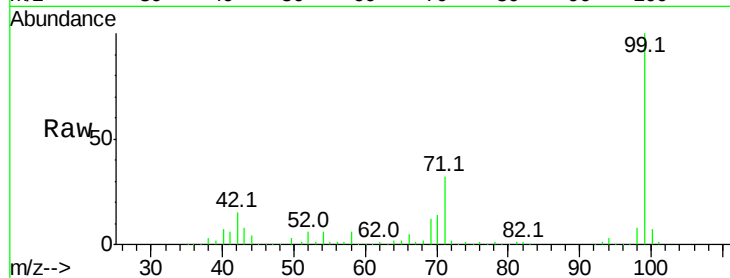
Tot Ion: 99 Resp: 580217

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

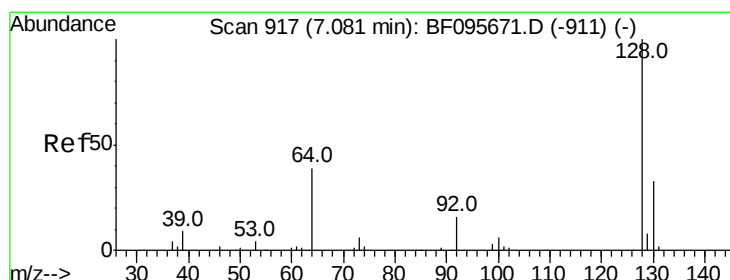
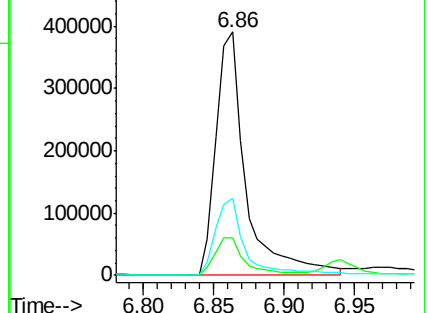
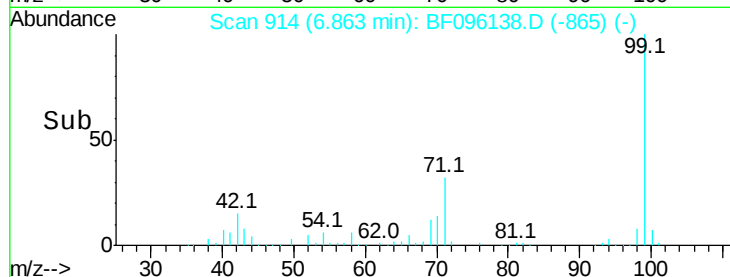
71 31.8 24.5 36.7



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: 41.44 ng

RT: 6.97 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

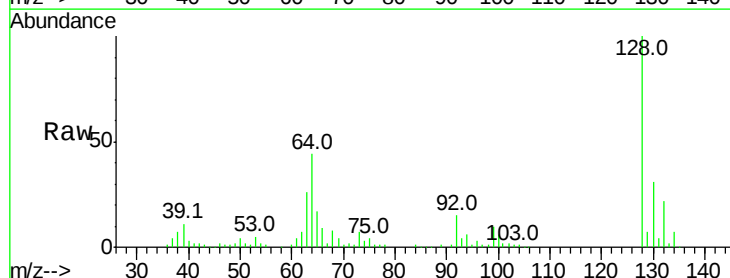
Tgt Ion: 128 Resp: 268186

Ion Ratio Lower Upper

128 100

130 31.2 12.9 52.9

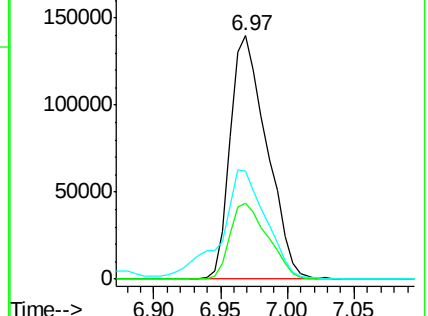
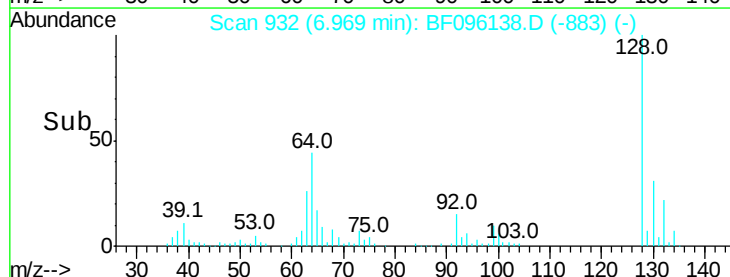
64 44.2 28.4 68.4

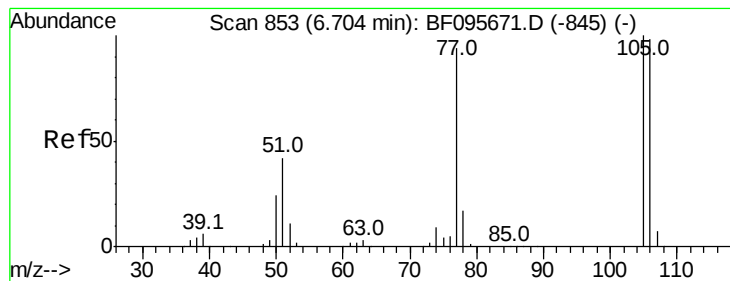


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.08 ng

RT: 6.59 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampleId :

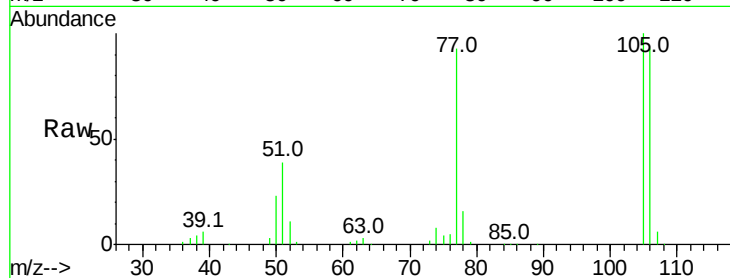
Tot Ion: 77 Resp: 187187

Ion Ratio Lower Upper

77 100

105 107.6 83.8 123.8

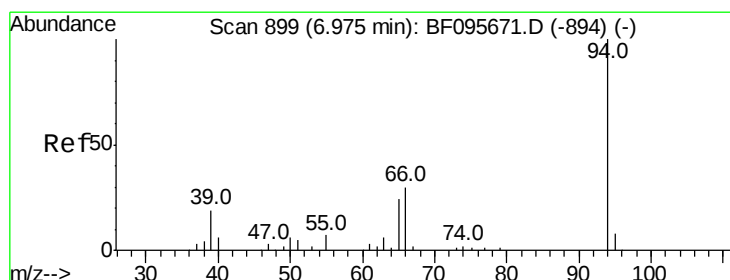
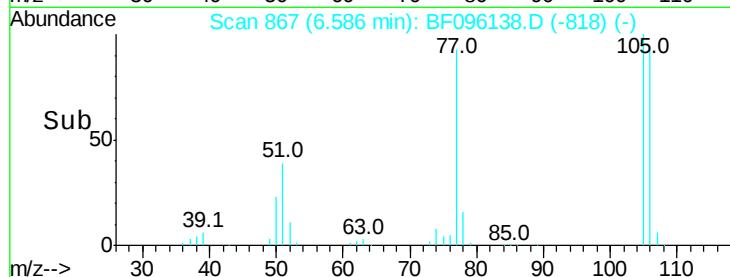
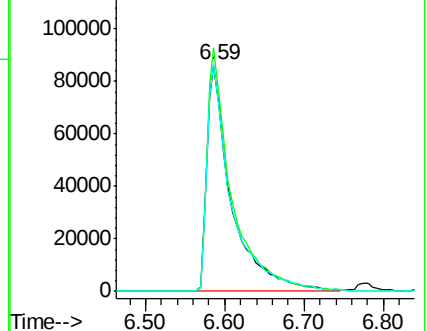
106 100.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.52 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

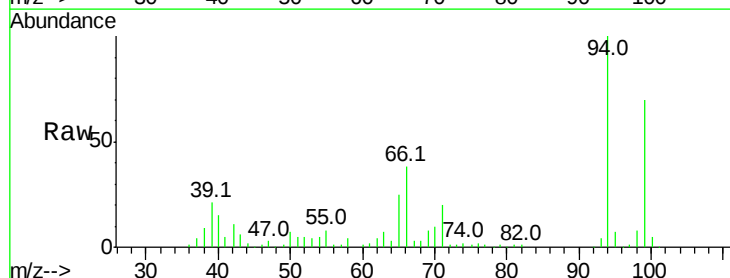
Tgt Ion: 94 Resp: 321371

Ion Ratio Lower Upper

94 100

65 24.5 9.9 49.9

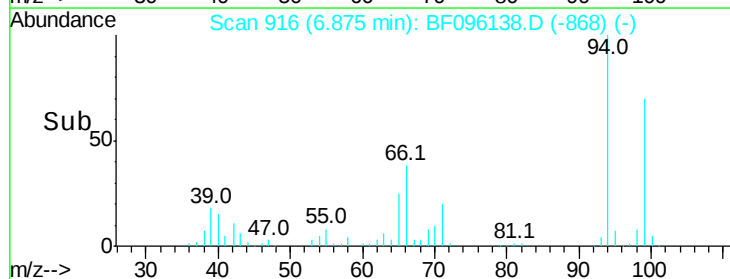
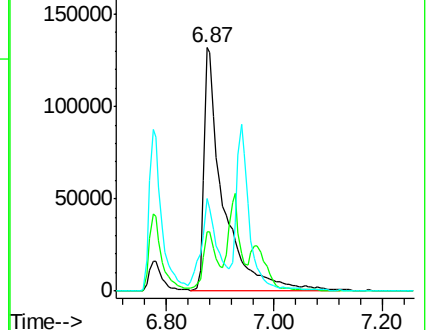
66 38.1 23.1 63.1

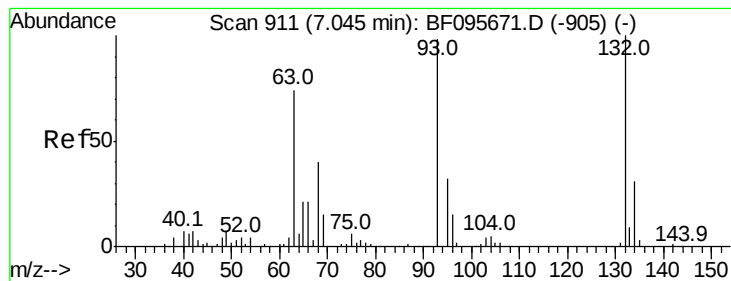


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

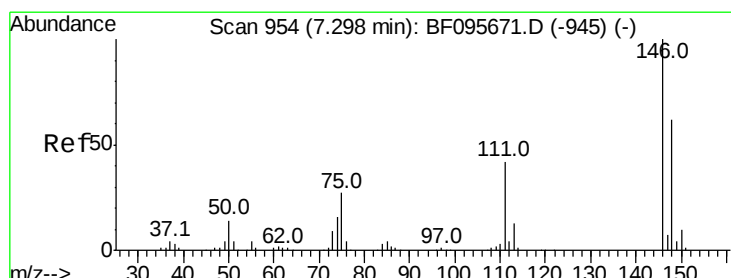
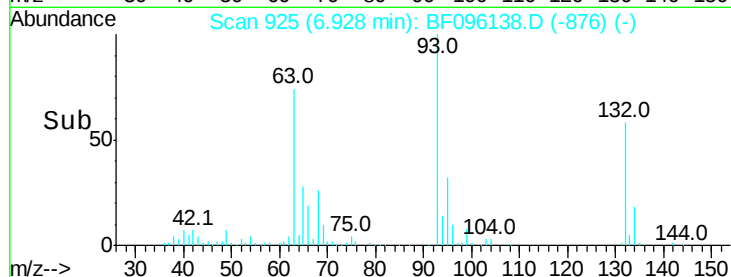
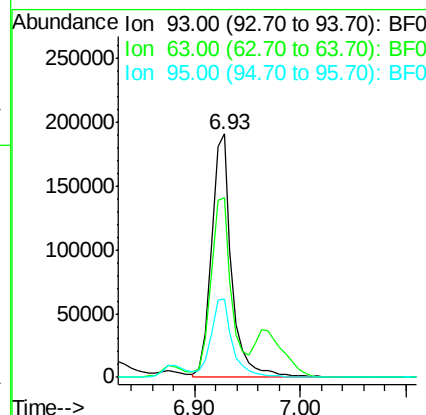
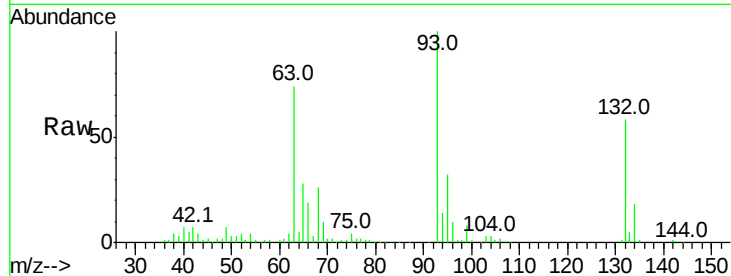




#11
 bis(2-Chloroethyl)ether
 Concen: 42.21 ng
 RT: 6.93 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

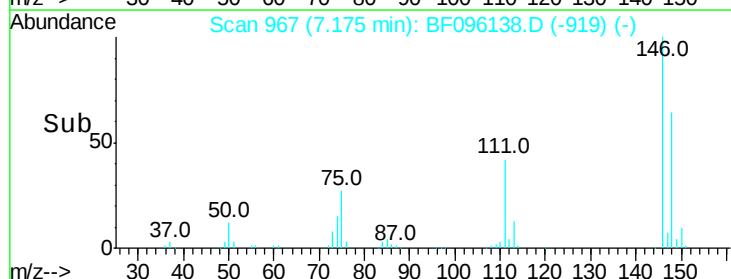
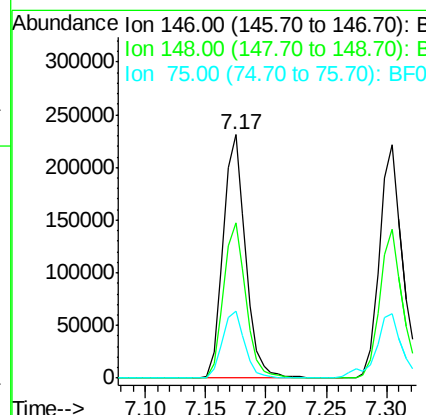
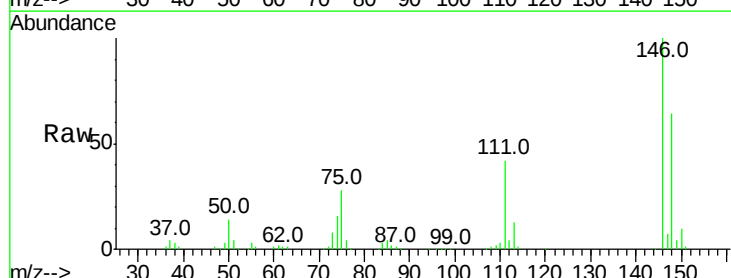
Instrument :
 BNA_F
 ClientSampled :

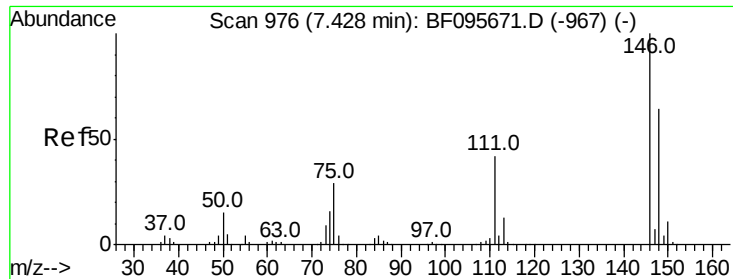
Tot Ion: 93 Resp: 252752
 Ion Ratio Lower Upper
 93 100
 63 74.0 59.2 99.2
 95 32.1 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.16 ng
 RT: 7.17 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion: 146 Resp: 294166
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 75 27.6 23.1 34.7

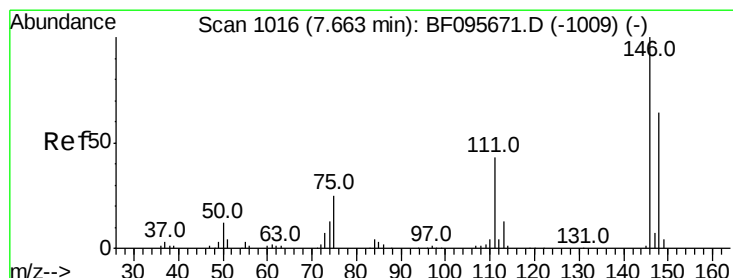
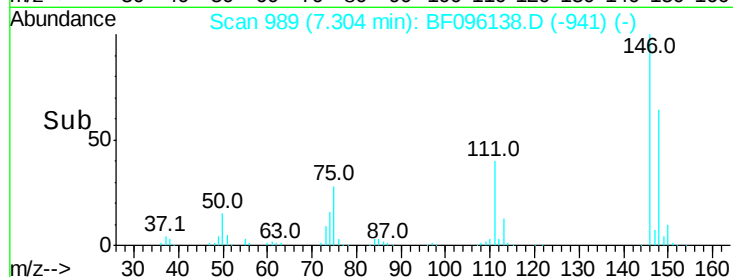
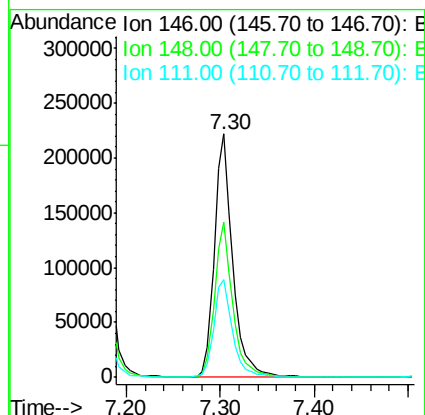
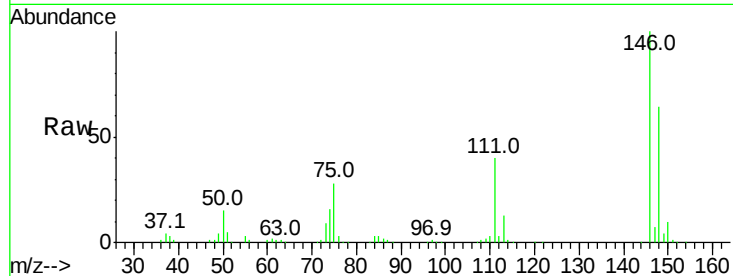




#13
 1,4-Dichlorobenzene
 Concen: 41.30 ng
 RT: 7.30 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

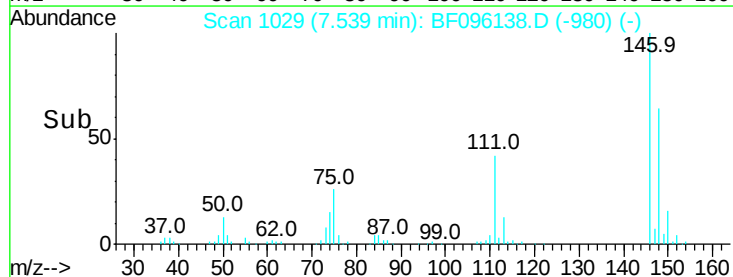
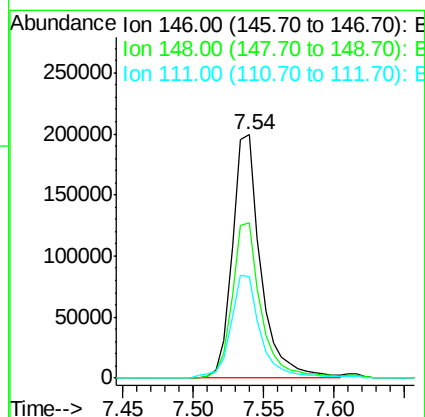
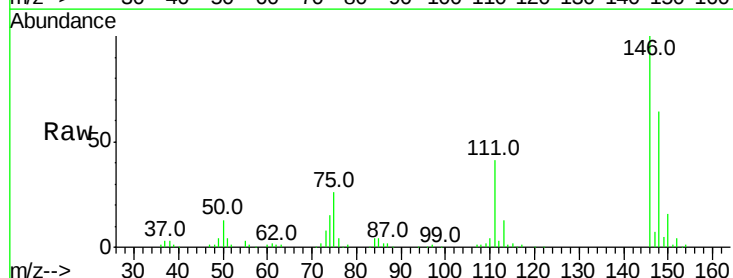
Instrument :
 BNA_F
 ClientSampled :

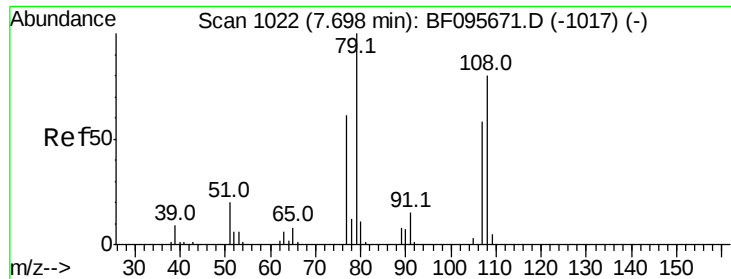
Tot Ion:146 Resp: 306771
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 40.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.01 ng
 RT: 7.54 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:146 Resp: 280817
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 41.5 38.2 57.4

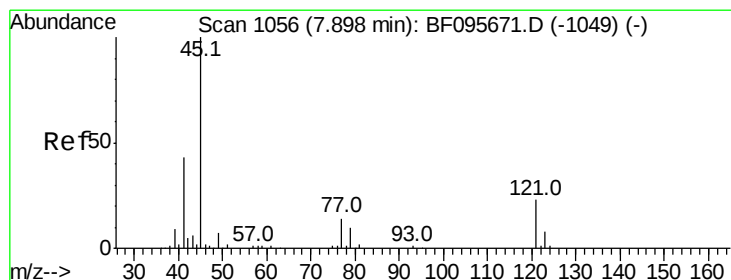
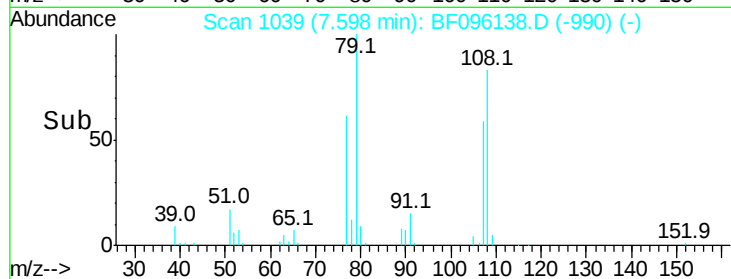
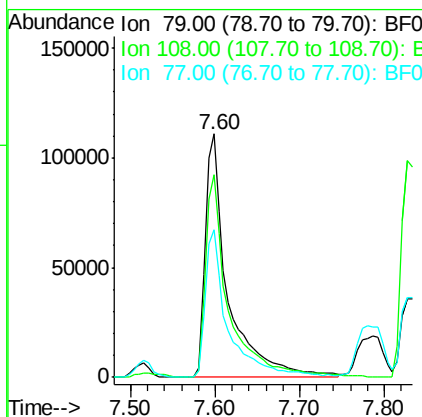
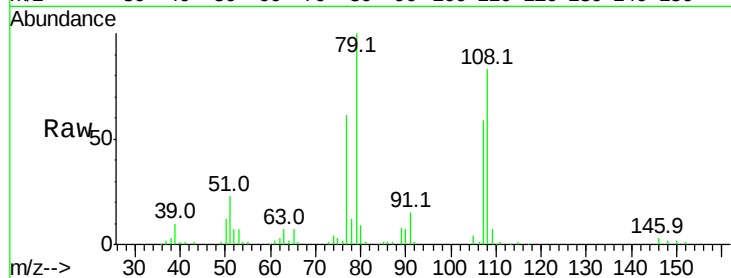




#15
Benzyl Alcohol
Concen: 41.61 ng
RT: 7.60 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

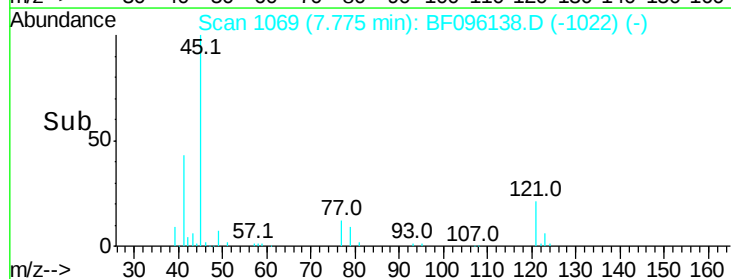
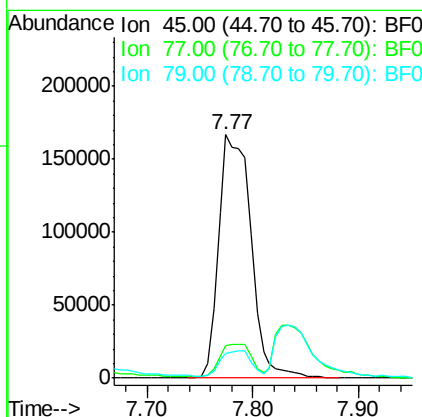
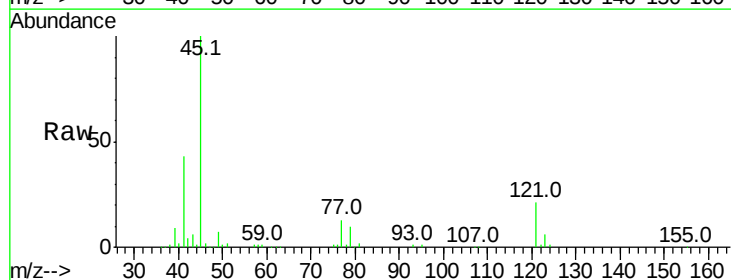
Instrument :
BNA_F
ClientSampled :

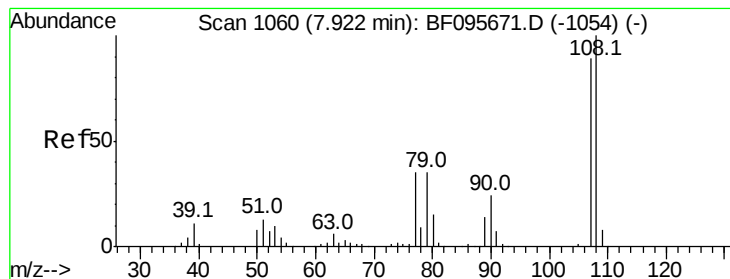
Tot Ion: 79 Resp: 208115
Ion Ratio Lower Upper
79 100
108 83.2 63.4 95.0
77 60.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.08 ng
RT: 7.77 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion: 45 Resp: 354020
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.2
79 10.1 0.0 30.0

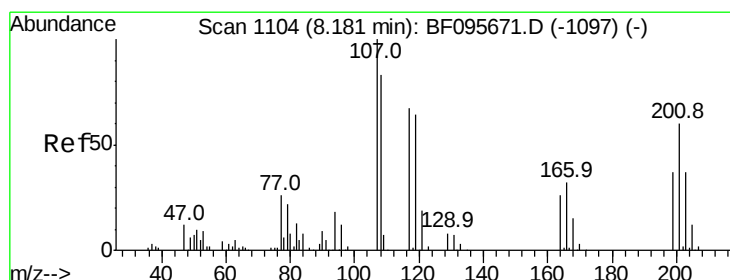
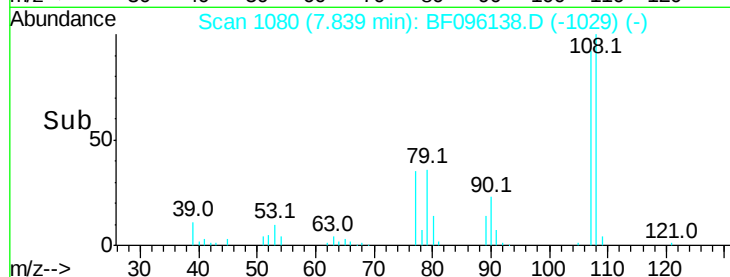
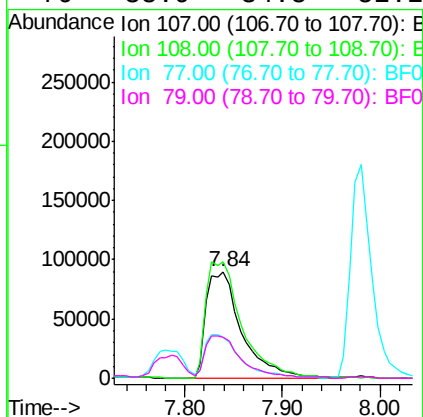
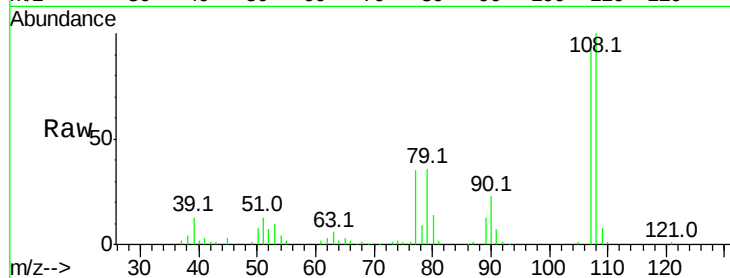




#17
 2-Methylphenol
 Concen: 42.16 ng
 RT: 7.84 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

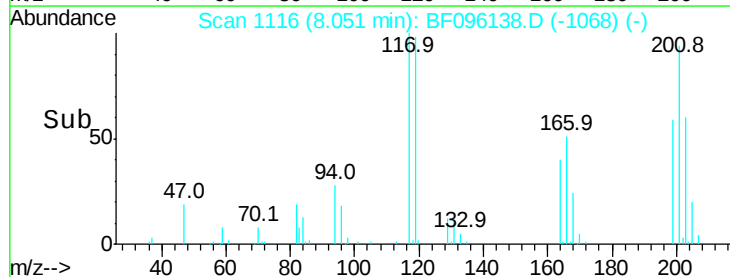
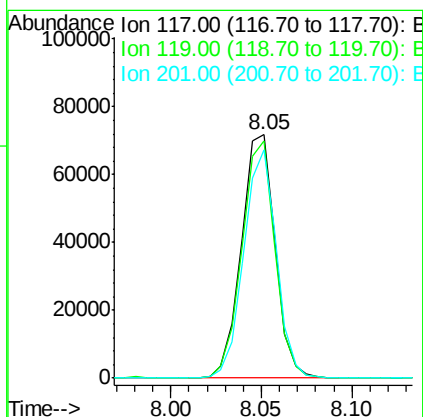
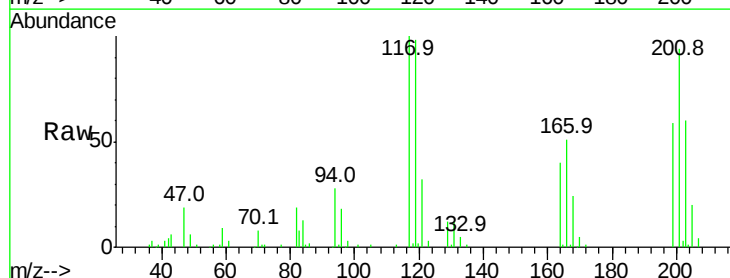
Instrument :
 BNA_F
 ClientSampled :

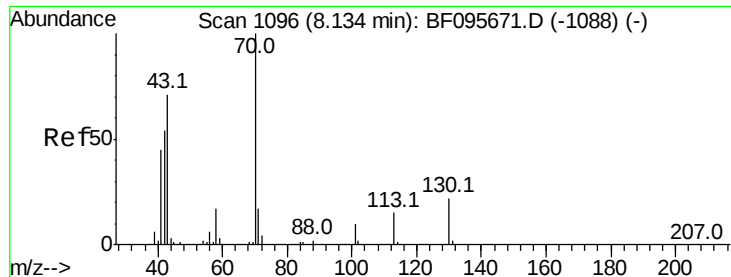
Tot Ion:	107	Resp:	228955
Ion	Ratio	Lower	Upper
107	100		
108	109.3	93.4	140.0
77	38.7	35.8	53.6
79	38.9	34.8	52.2



#18
 Hexachloroethane
 Concen: 37.90 ng
 RT: 8.05 min Scan# 1116
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:	117	Resp:	92977
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.0
201	93.8	94.6	141.8#

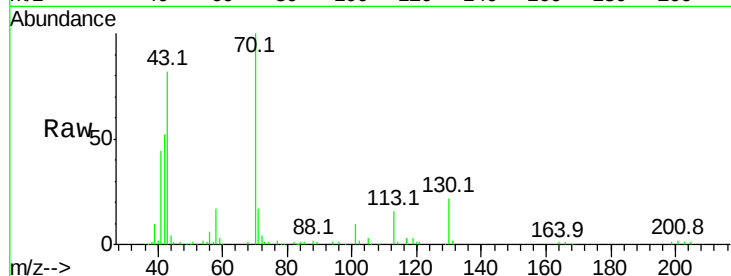




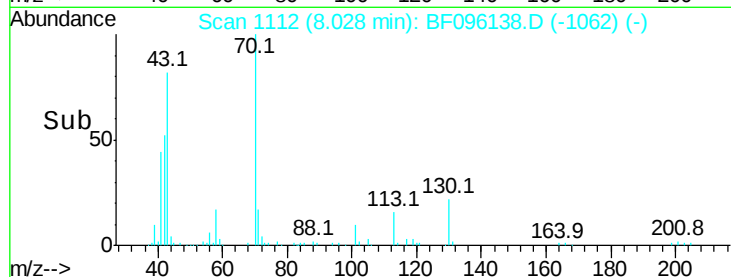
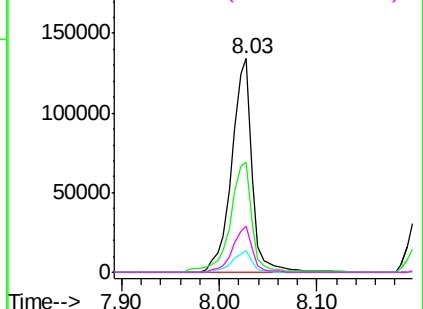
#19
n-Nitroso-di-n-propylamine
Concen: 41.82 ng
RT: 8.03 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 193123
Ion Ratio Lower Upper
70 100
42 51.6 47.2 70.8
101 10.2 7.2 10.8
130 21.5 15.9 23.9



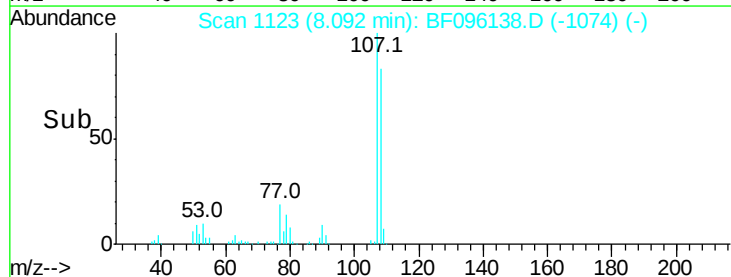
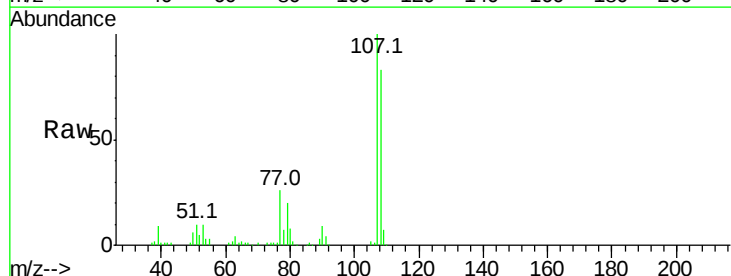
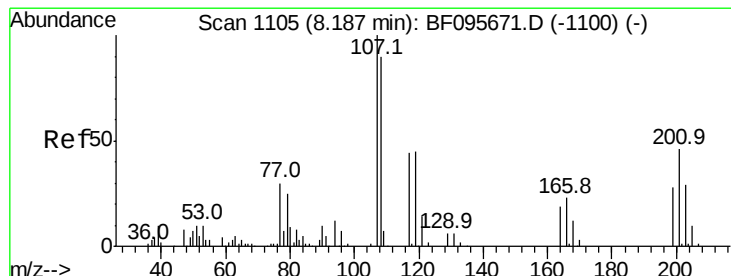
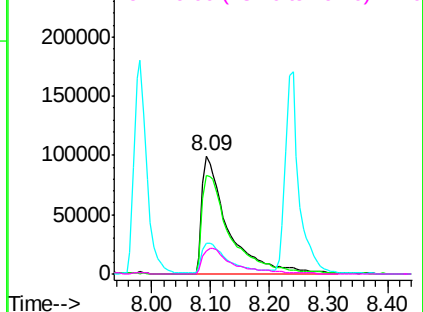
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

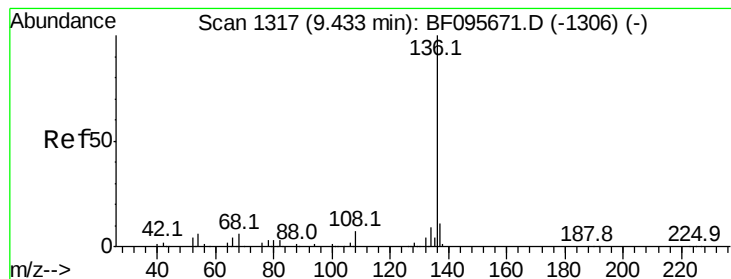


#20
3+4-Methylphenols
Concen: 44.73 ng
RT: 8.09 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:107 Resp: 308377
Ion Ratio Lower Upper
107 100
108 82.9 71.0 111.0
77 26.2 90.5 130.5#
79 19.9 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: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

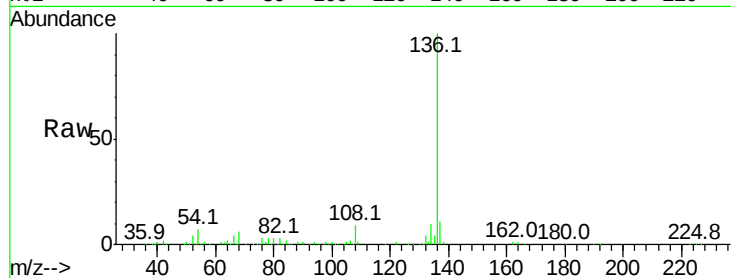
BNA_F

ClientSampled :

Tot Ion:136 Resp: 384422

Ion Ratio Lower Upper

136	100		
137	11.2	8.5	12.7
54	7.0	4.9	7.3
68	6.4	4.1	6.1#

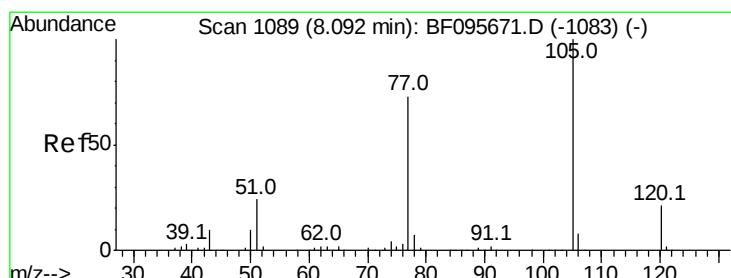
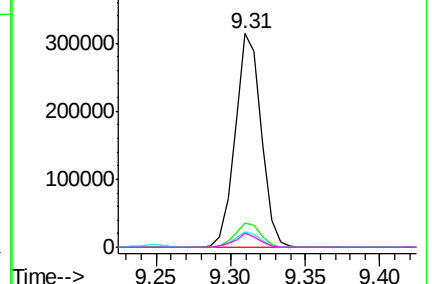
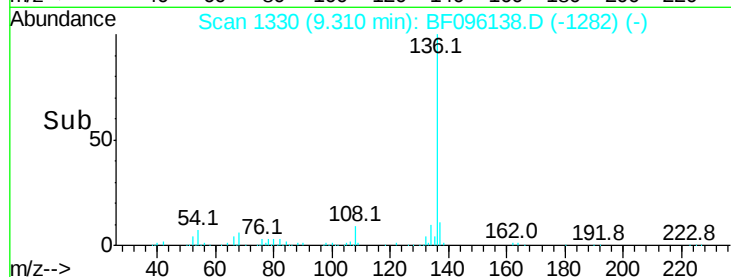


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.00 ng

RT: 7.98 min Scan# 1104

Delta R.T. -0.01 min

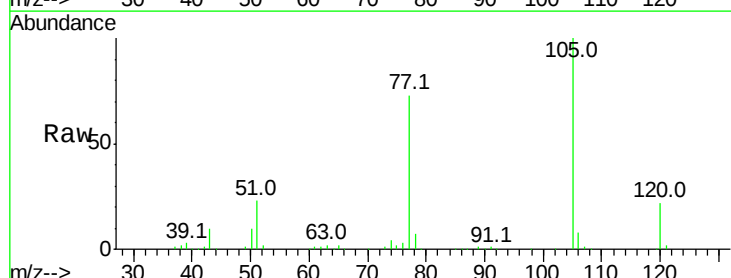
Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Tgt Ion:105 Resp: 377928

Ion Ratio Lower Upper

105	100		
71	0.0	2.8	4.2#
51	23.1	30.7	46.1#
120	21.6	17.4	26.0

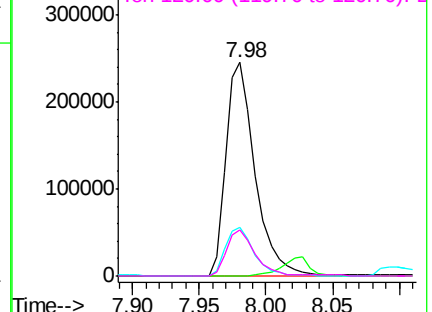
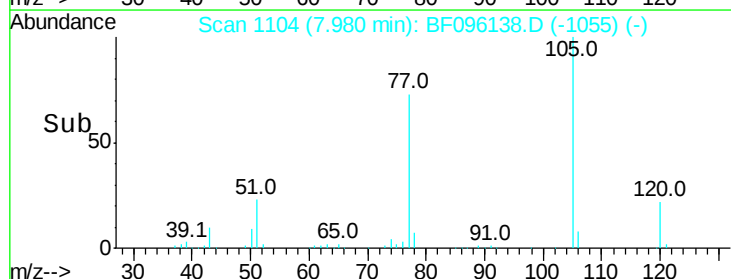


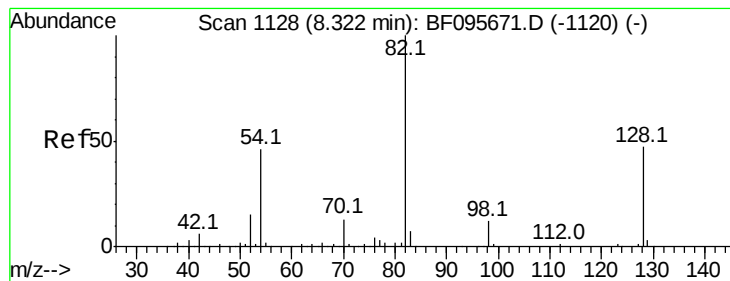
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.98 ng

RT: 8.21 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampleId :

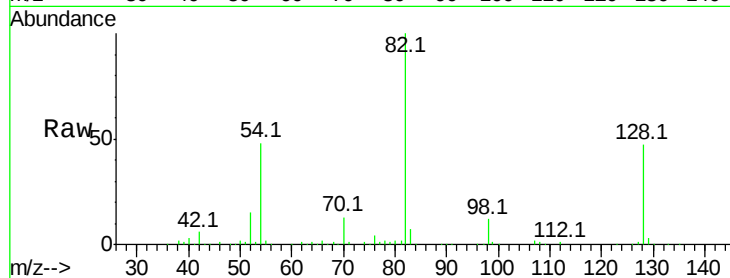
Tot Ion: 82 Resp: 513661

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

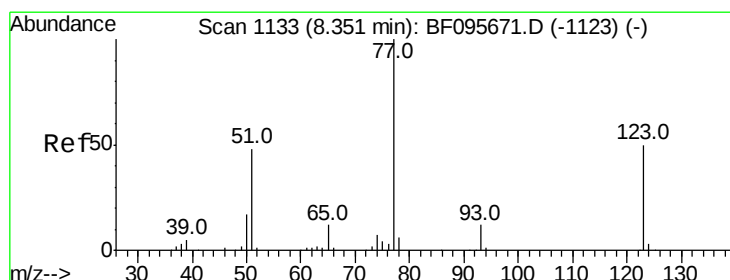
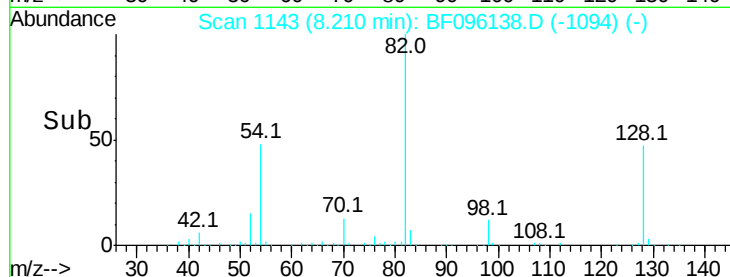
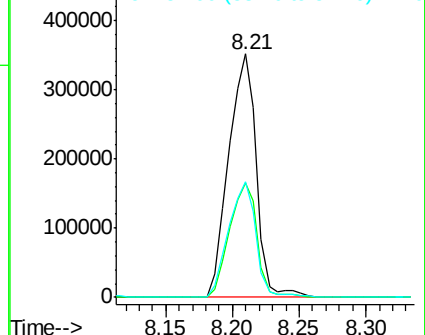
54 47.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.57 ng

RT: 8.24 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

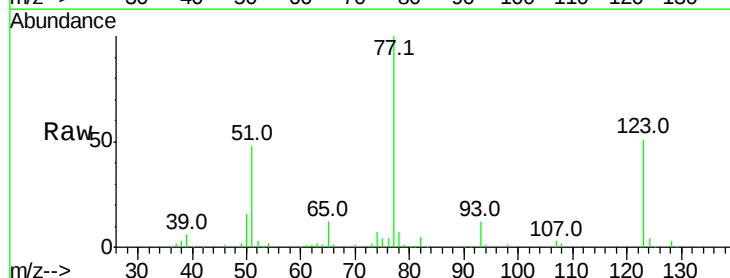
Tgt Ion: 77 Resp: 274874

Ion Ratio Lower Upper

77 100

123 51.4 35.8 53.8

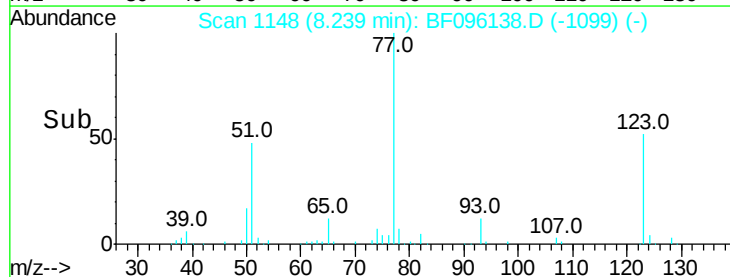
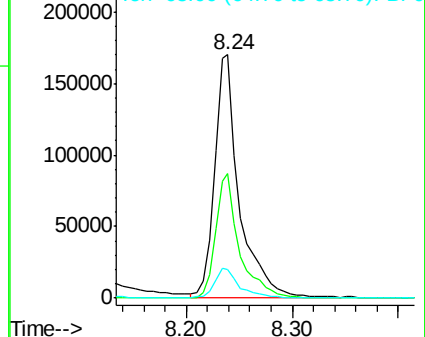
65 11.9 10.6 15.8

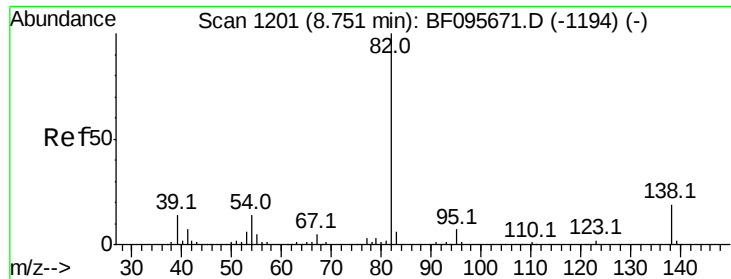


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

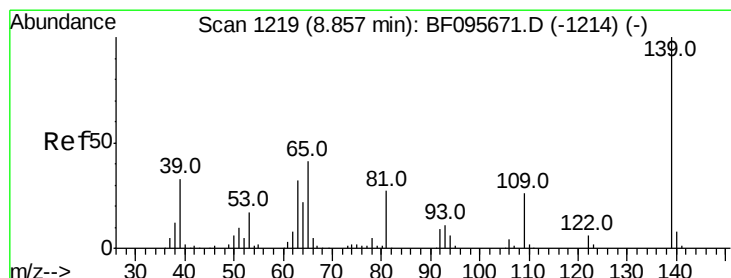
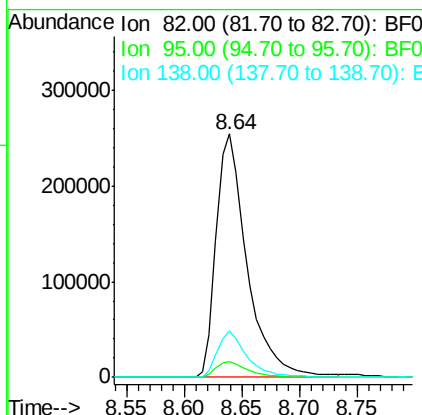
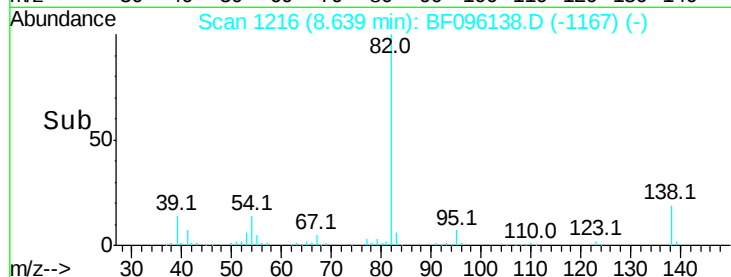
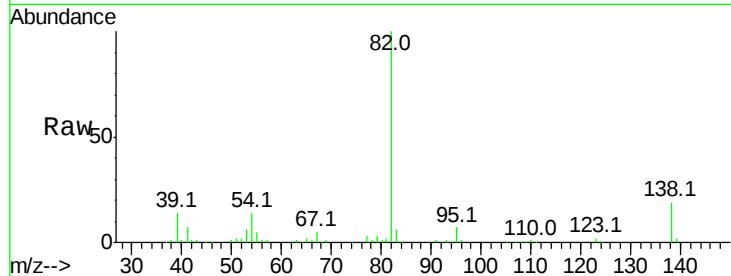




#25
Isophorone
Concen: 40.85 ng
RT: 8.64 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

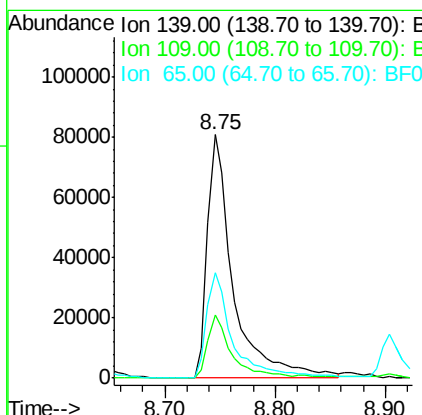
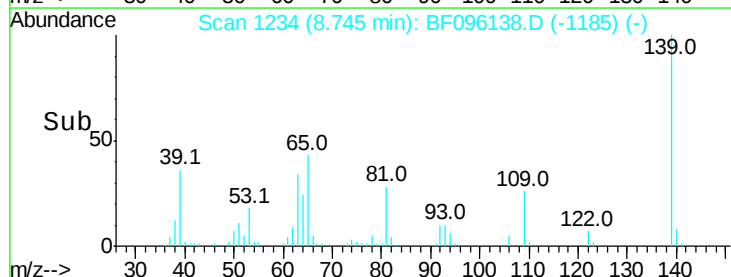
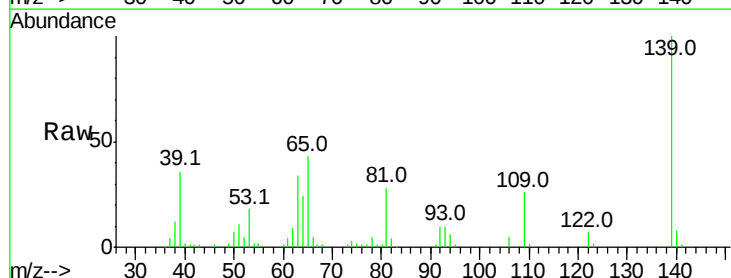
Instrument :
BNA_F
ClientSampleId :

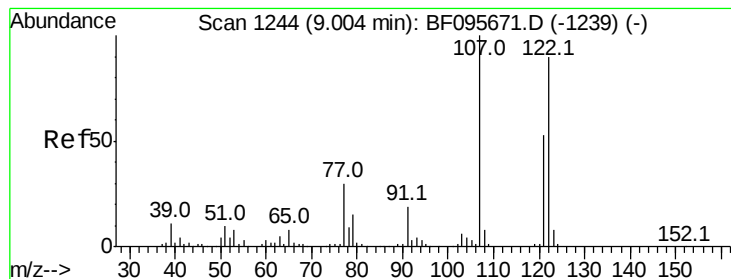
Tot Ion: 82 Resp: 472093
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 19.3 13.1 19.7



#26
2-Nitrophenol
Concen: 37.40 ng
RT: 8.75 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:139 Resp: 129492
Ion Ratio Lower Upper
139 100
109 26.1 21.0 31.6
65 43.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.64 ng

RT: 8.90 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :
BNA_F
ClientSampleId :

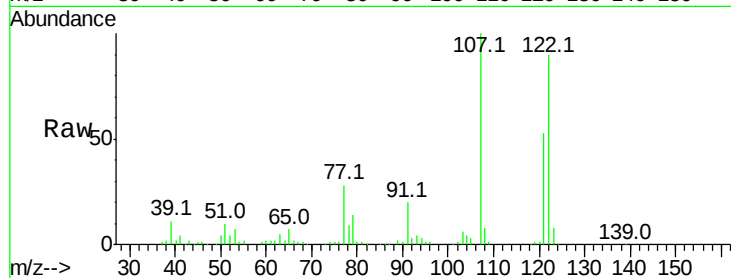
Tot Ion:122 Resp: 229130

Ion Ratio Lower Upper

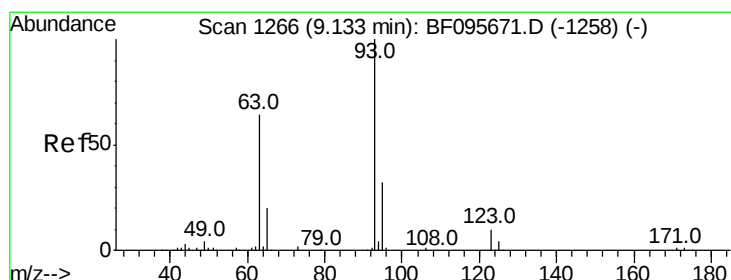
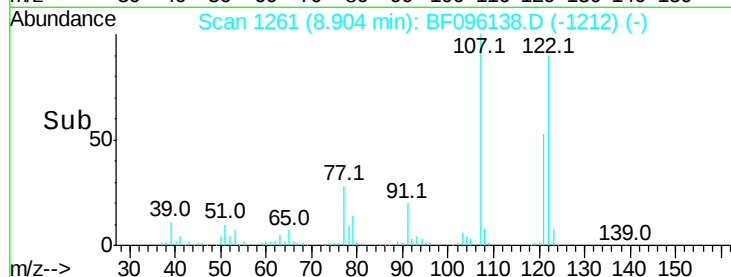
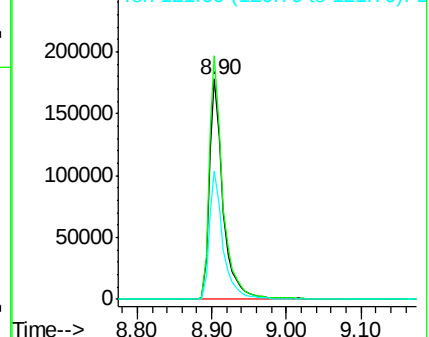
122 100

107 110.5 89.2 133.8

121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.21 ng

RT: 9.02 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

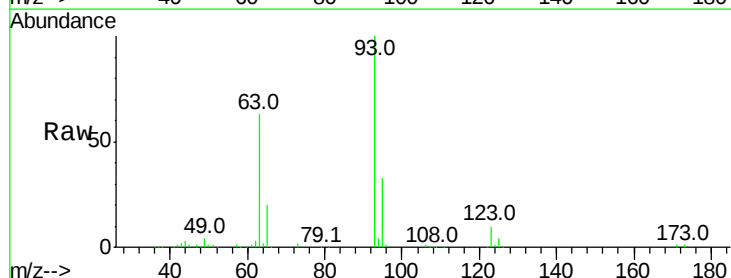
Tgt Ion: 93 Resp: 321554

Ion Ratio Lower Upper

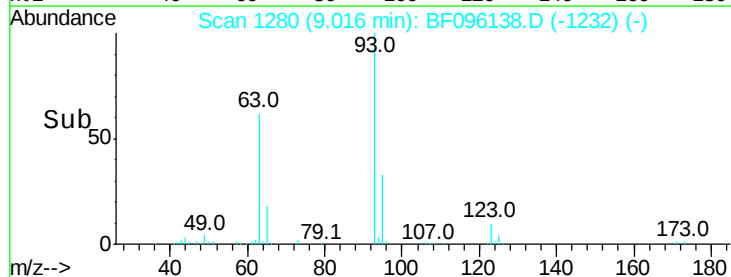
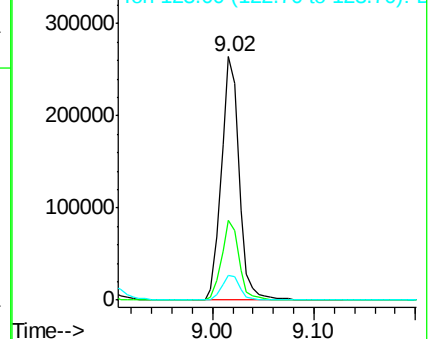
93 100

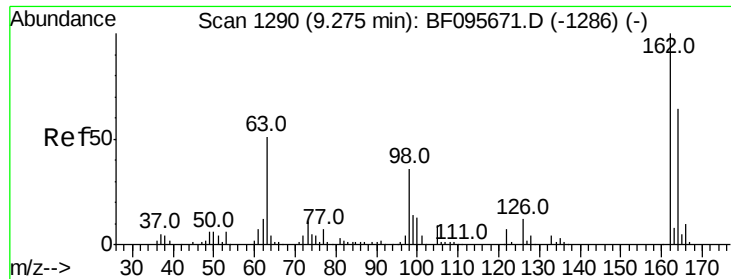
95 32.6 26.5 39.7

123 10.3 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

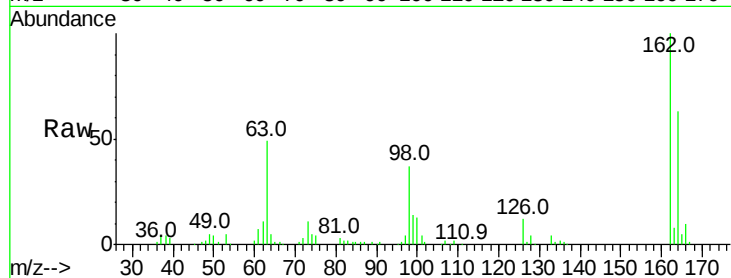




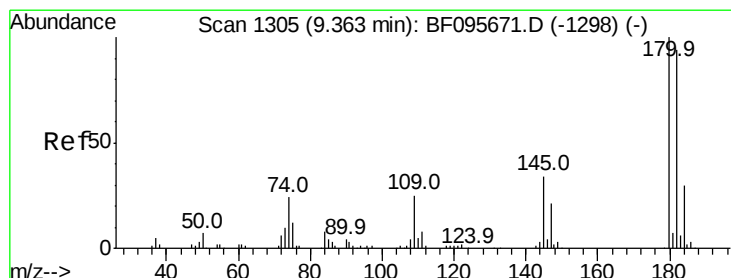
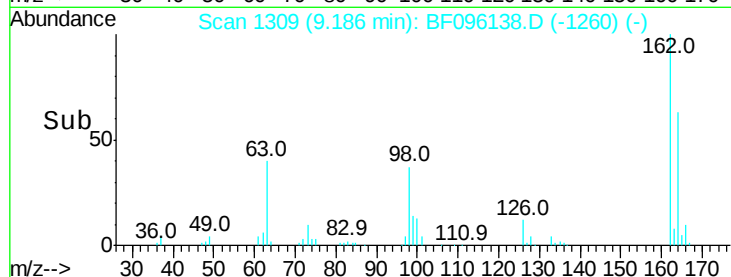
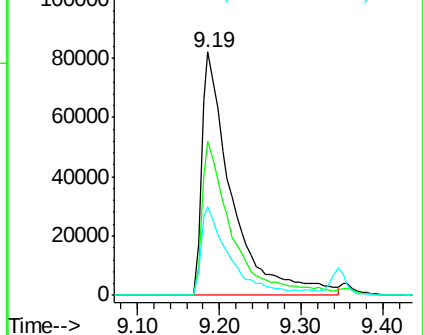
#29
 2,4-Dichlorophenol
 Concen: 40.36 ng
 RT: 9.19 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	36.6	14.8	54.8

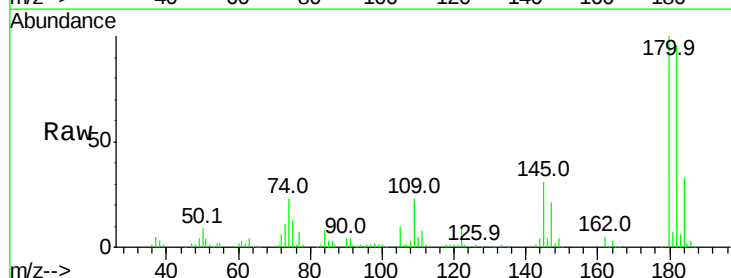


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

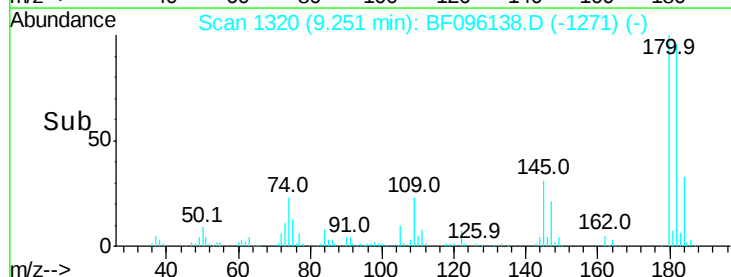
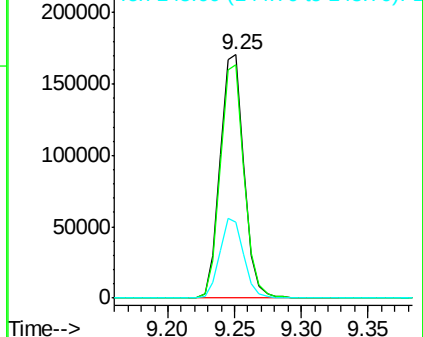


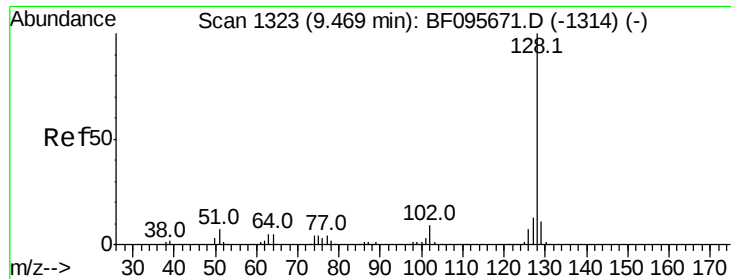
#30
 1,2,4-Trichlorobenzene
 Concen: 40.05 ng
 RT: 9.25 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	31.2	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: 40.11 ng

RT: 9.35 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampleId :

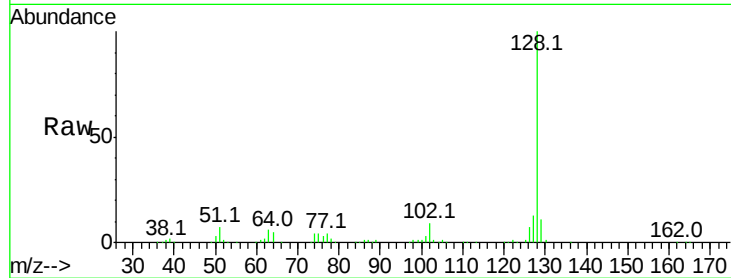
Tot Ion:128 Resp: 773898

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

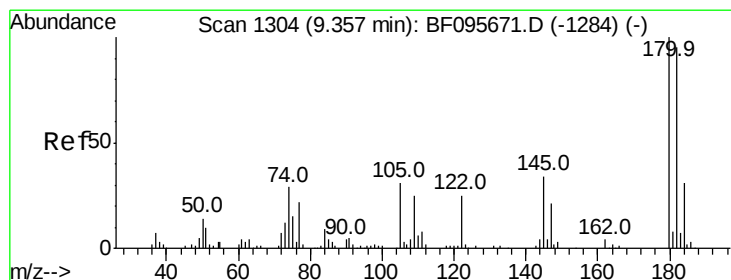
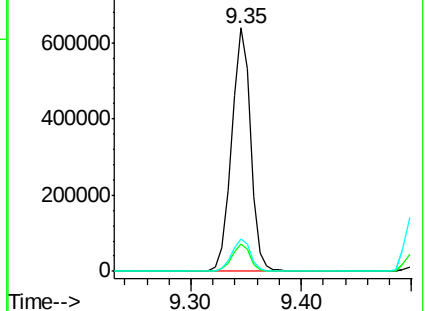
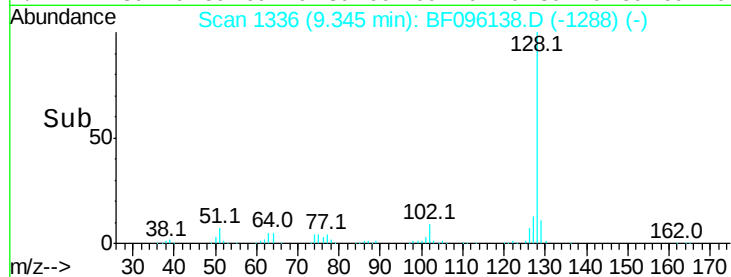
127 13.5 10.8 16.2



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: 19.74 ng

RT: 9.27 min Scan# 1323

Delta R.T. -0.03 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

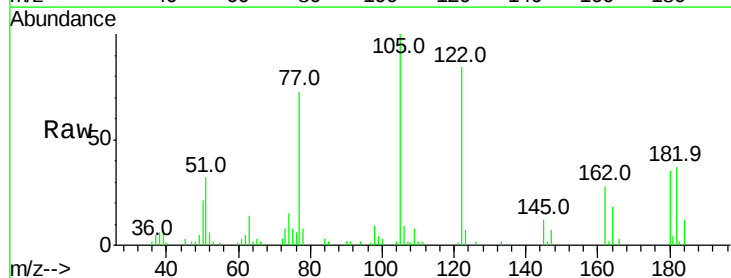
Tgt Ion:122 Resp: 54964

Ion Ratio Lower Upper

122 100

105 119.2 103.3 143.3

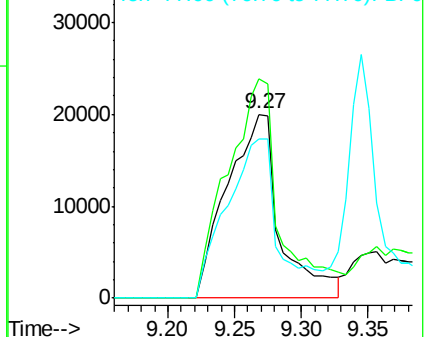
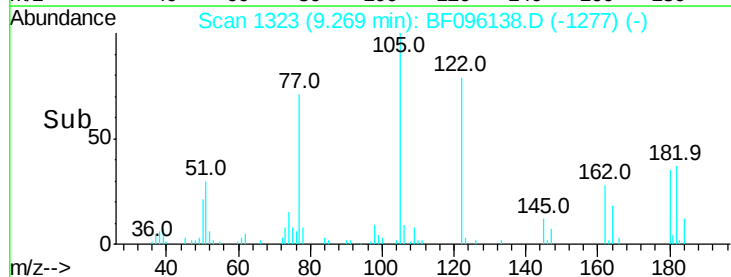
77 86.6 73.7 113.7

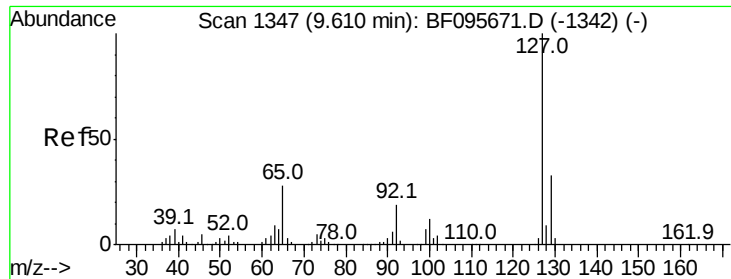


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

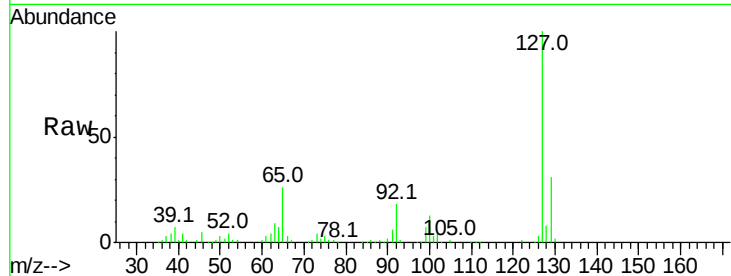




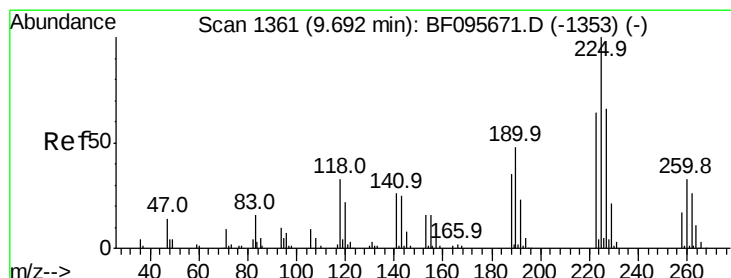
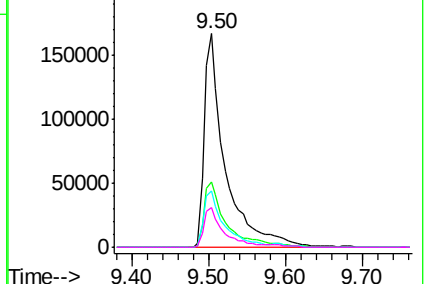
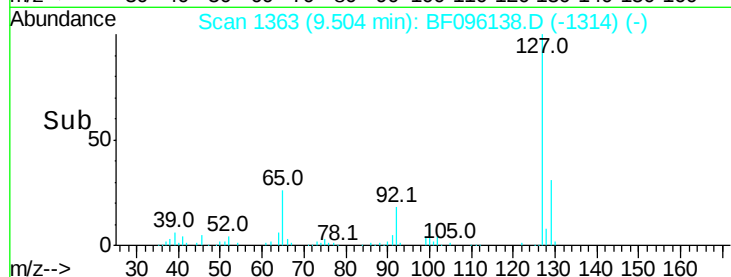
#33
4-Chloroaniline
Concen: 41.60 ng
RT: 9.50 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	313661
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.2
65	26.2	27.8	41.8#
92	18.4	16.8	25.2

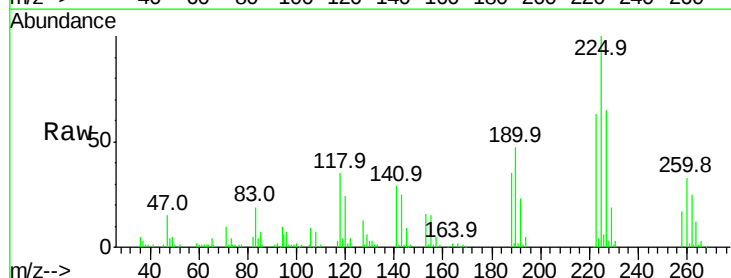


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

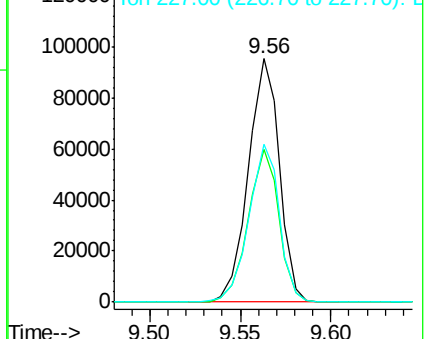
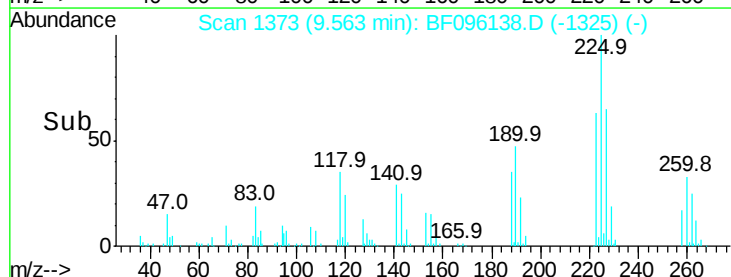


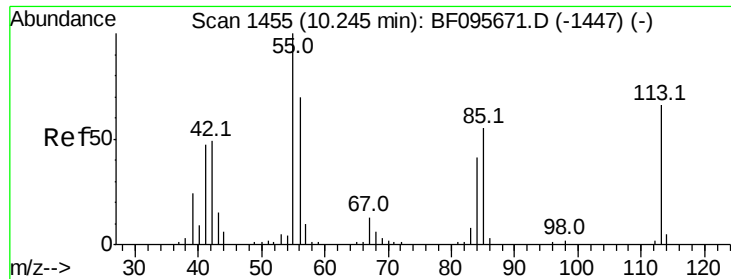
#34
Hexachlorobutadiene
Concen: 40.68 ng
RT: 9.56 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:	225	Resp:	113178
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	65.1	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: 40.42 ng

RT: 10.16 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampled :

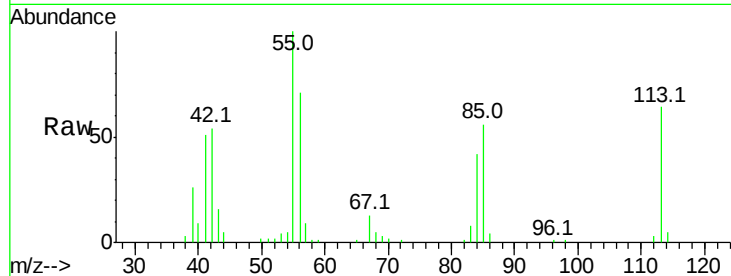
Tot Ion:113 Resp: 62238

Ion Ratio Lower Upper

113 100

55 157.2 150.2 190.2

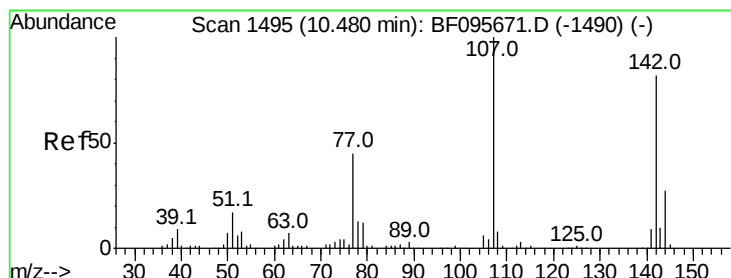
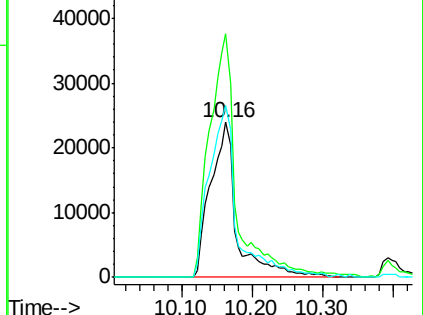
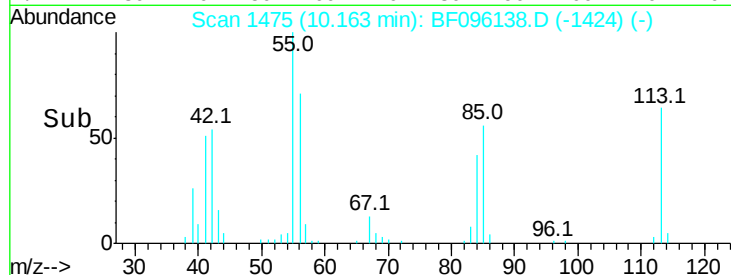
56 111.0 107.8 147.8



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: 40.38 ng

RT: 10.39 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

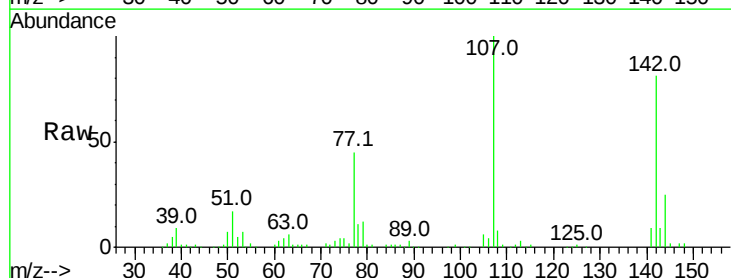
Tgt Ion:107 Resp: 218756

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

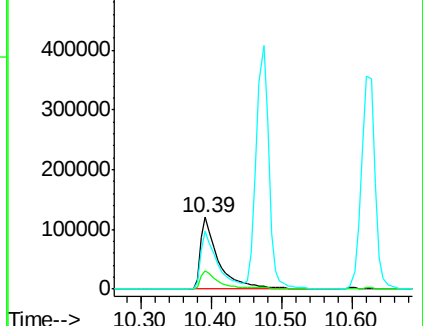
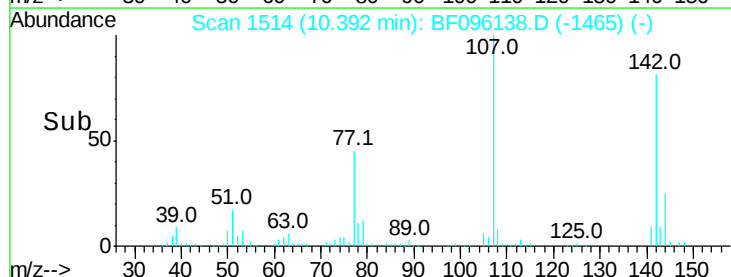
142 80.7 73.4 110.0

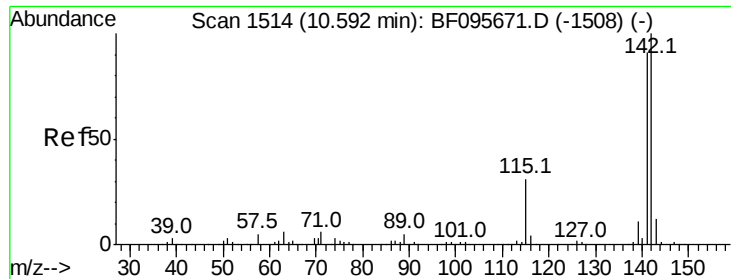


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

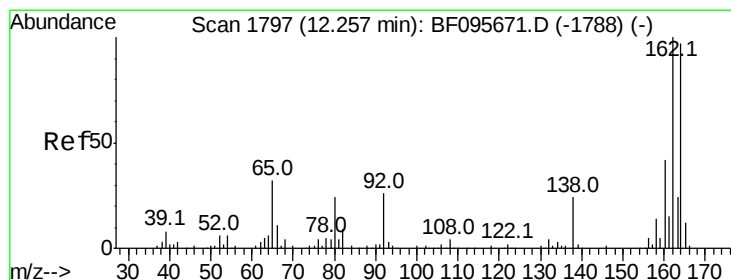
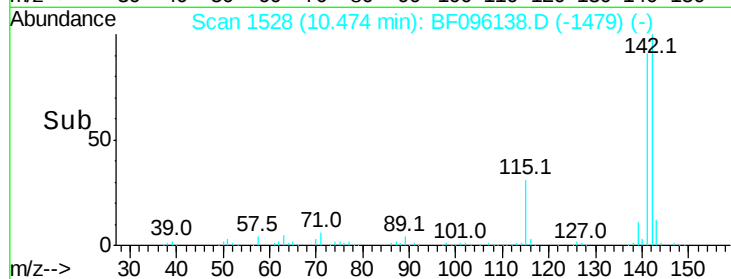
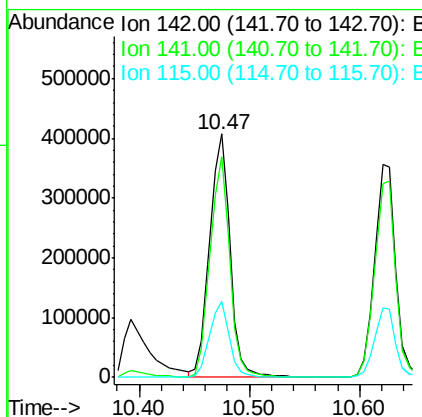
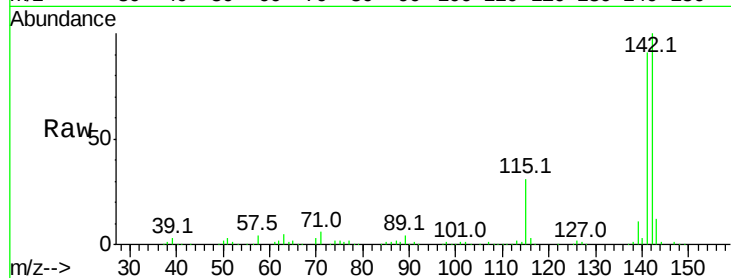




#37
 2-Methylnaphthalene
 Concen: 39.69 ng
 RT: 10.47 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

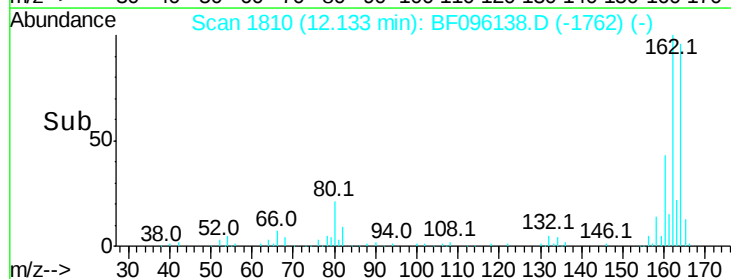
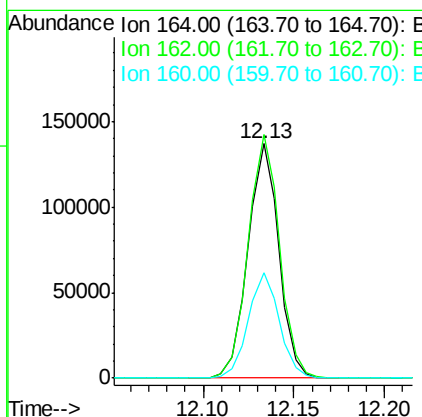
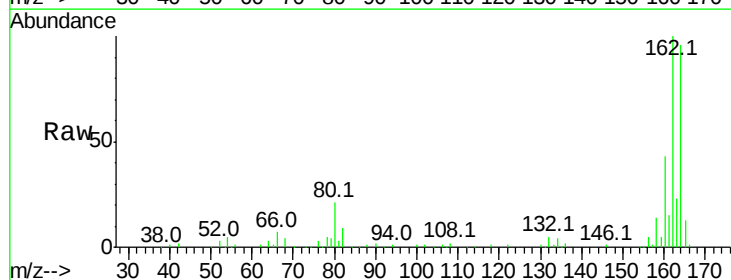
Instrument :
 BNA_F
 ClientSampled :

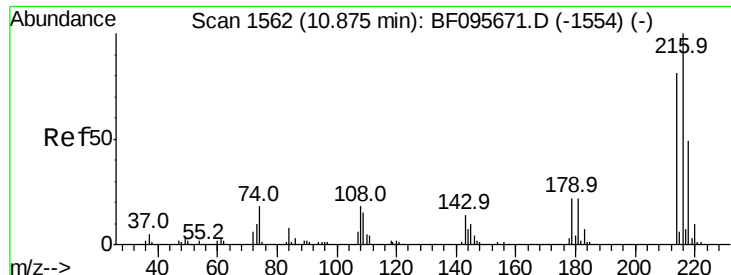
Tot Ion:142 Resp: 517314
 Ion Ratio Lower Upper
 142 100
 141 90.8 71.3 106.9
 115 31.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:164 Resp: 161698
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 44.7 36.2 54.2

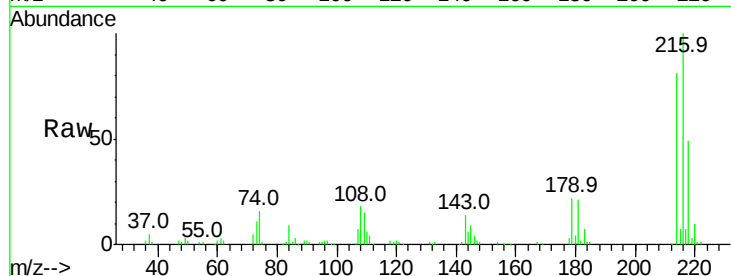




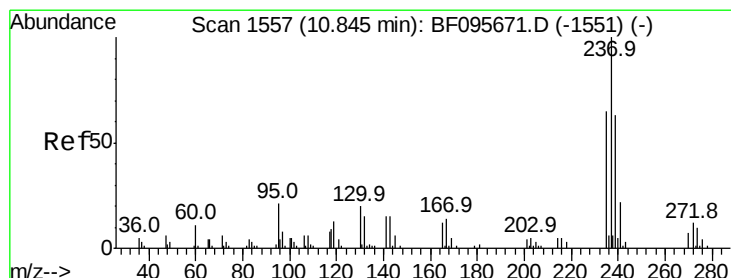
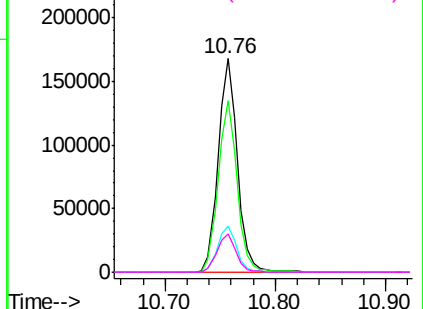
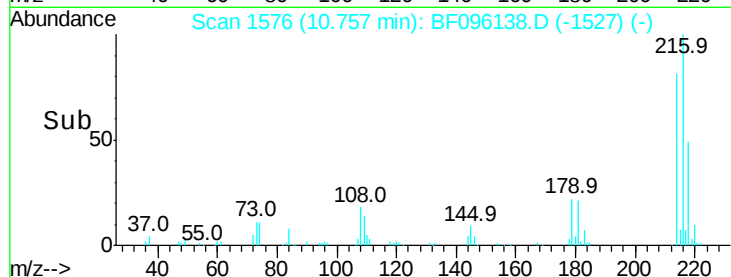
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.96 ng
 RT: 10.76 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	203059
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	21.6	17.9	26.9
108	17.8	16.5	24.7

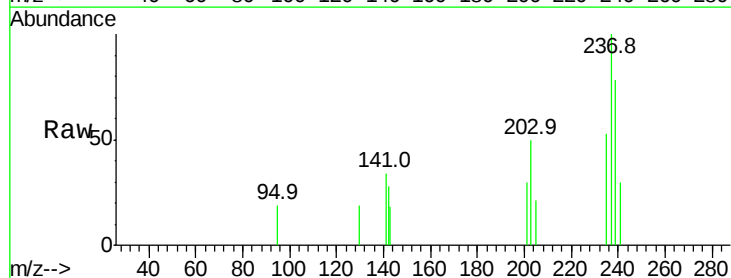


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

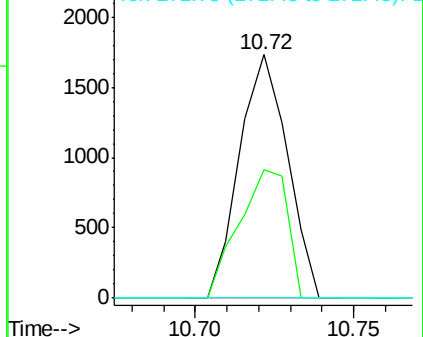
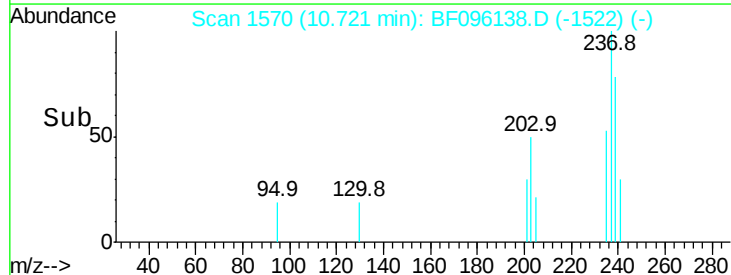


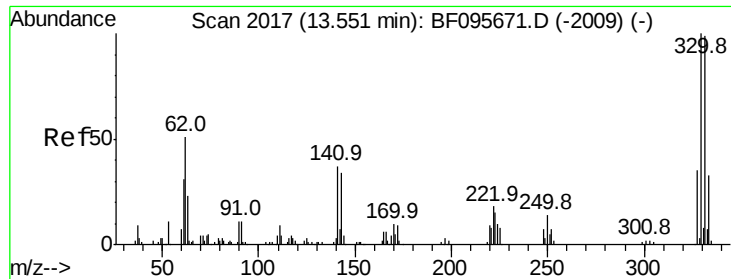
#40
 Hexachlorocyclopentadiene
 Concen: 12.27 ng
 RT: 10.72 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:	237	Resp:	1817
Ion	Ratio	Lower	Upper
237	100		
235	52.7	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

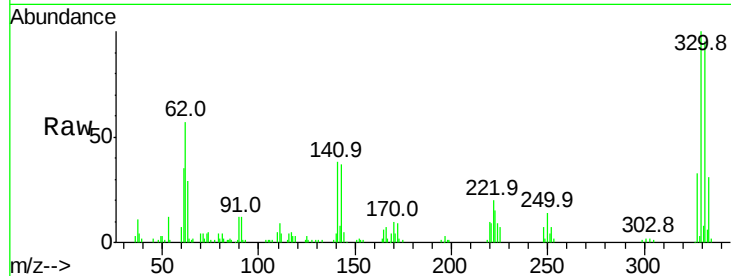




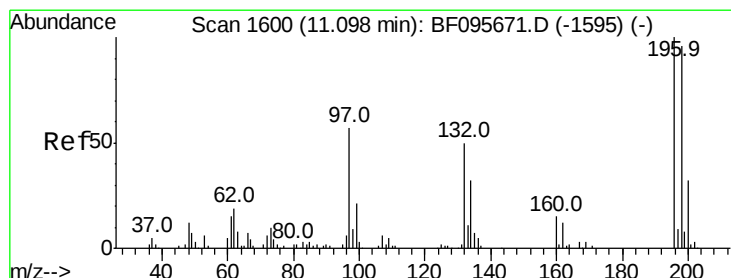
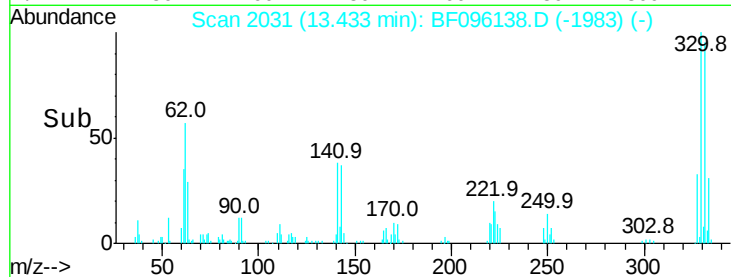
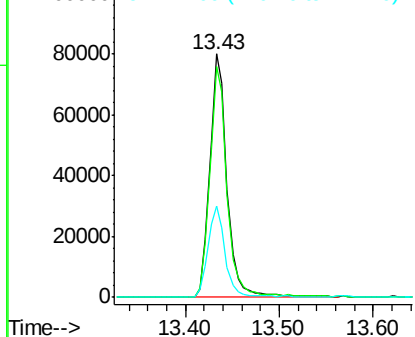
#41
 2,4,6-Tribromophenol
 Concen: 73.13 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 104622
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 37.2 31.4 47.2

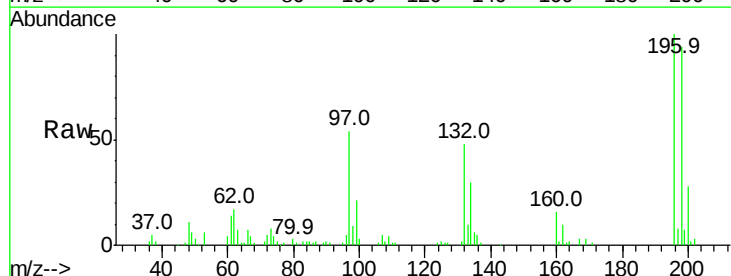


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

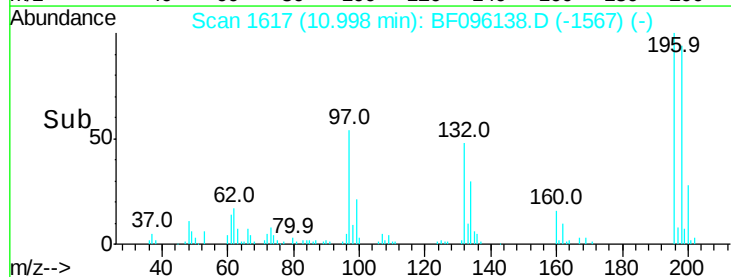
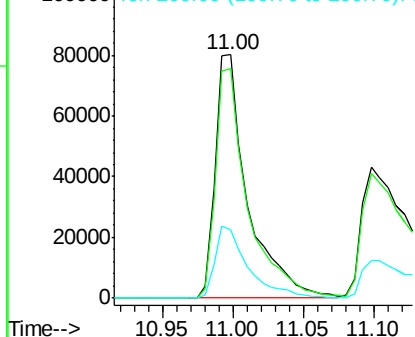


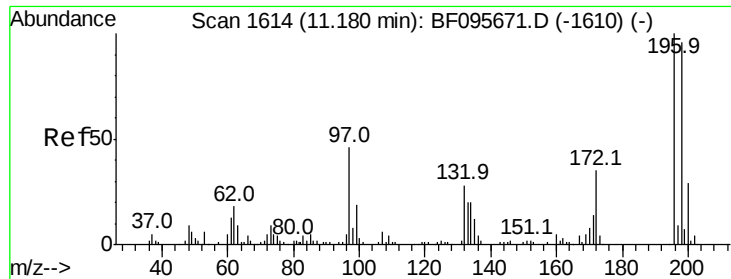
#42
 2,4,6-Trichlorophenol
 Concen: 41.24 ng
 RT: 11.00 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:196 Resp: 128315
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.4
 200 28.2 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

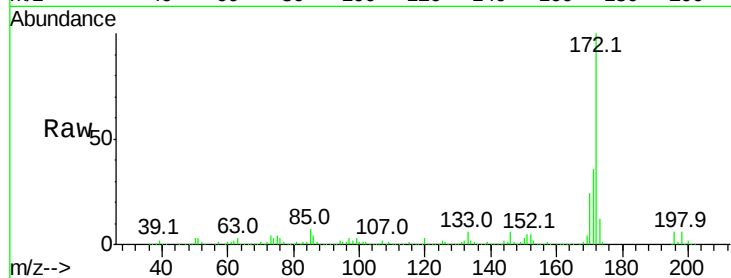




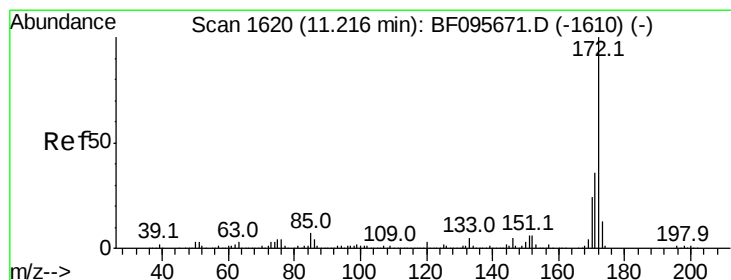
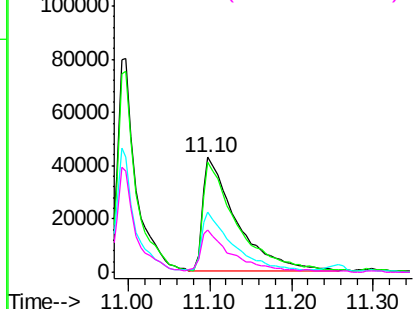
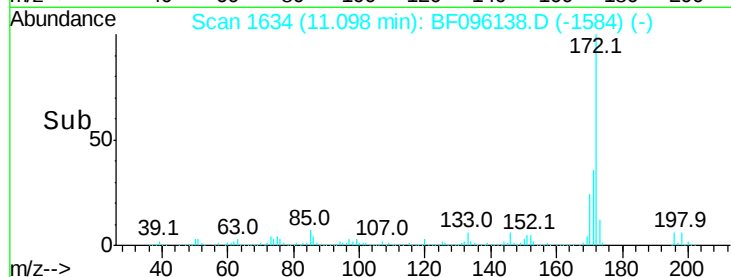
#43
 2,4,5-Trichlorophenol
 Concen: 37.08 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 122734
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 52.7 47.7 71.5
 132 37.1 28.0 42.0

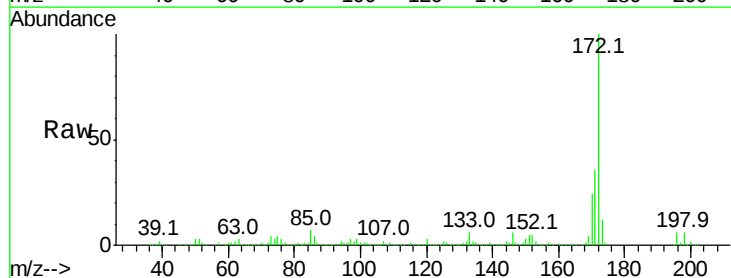


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

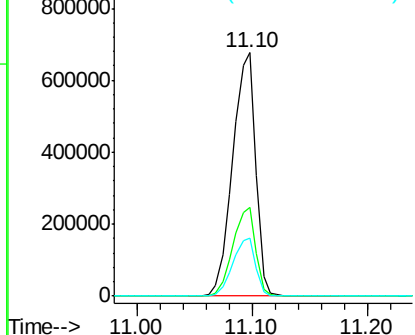
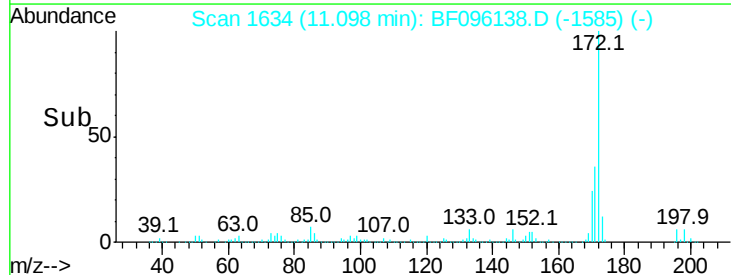


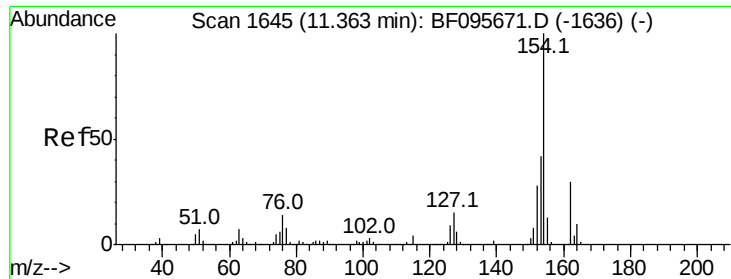
#44
 2-Fluorobiphenyl
 Concen: 80.27 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:172 Resp: 932667
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.7 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.76 ng

RT: 11.24 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampleId :

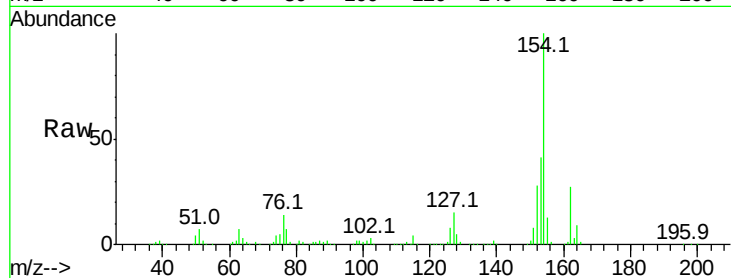
Tot Ion:154 Resp: 556540

Ion Ratio Lower Upper

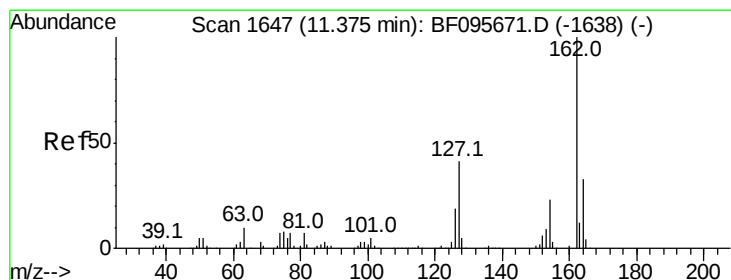
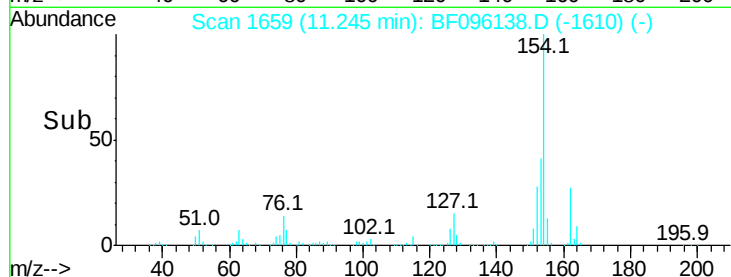
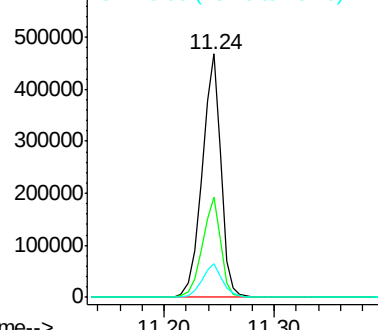
154 100

153 41.1 21.2 61.2

76 14.0 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: 40.17 ng

RT: 11.26 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

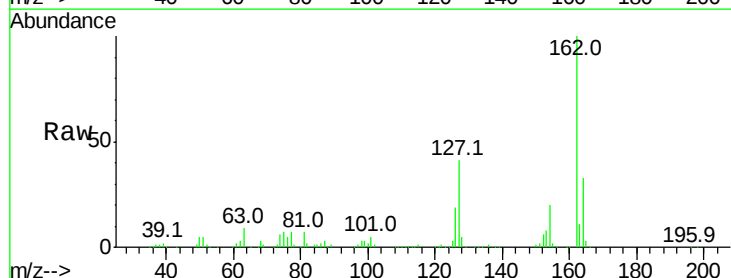
Tgt Ion:162 Resp: 418318

Ion Ratio Lower Upper

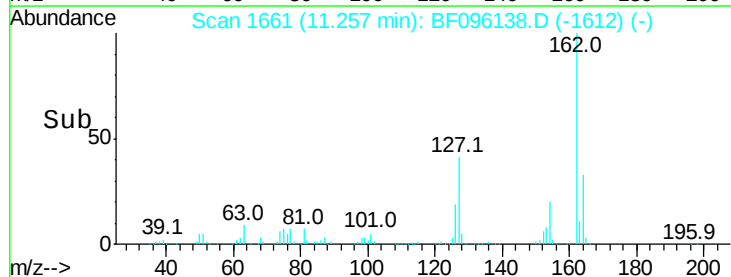
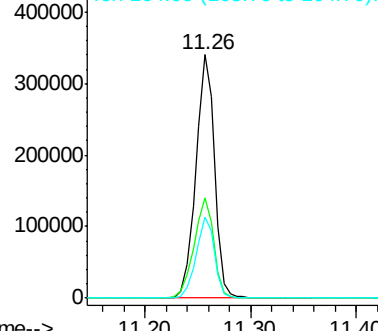
162 100

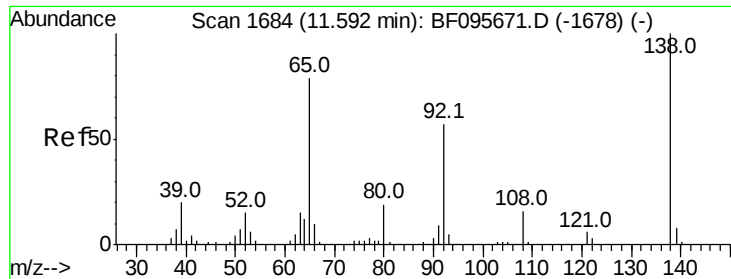
127 41.2 28.3 42.5

164 33.2 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

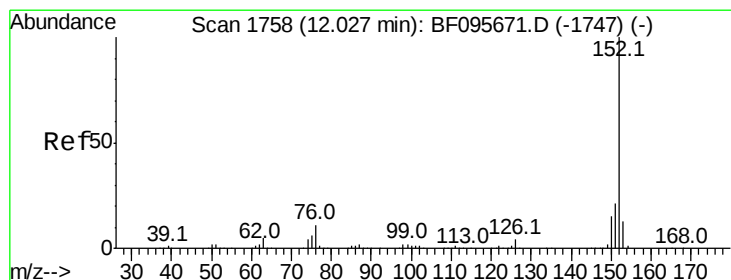
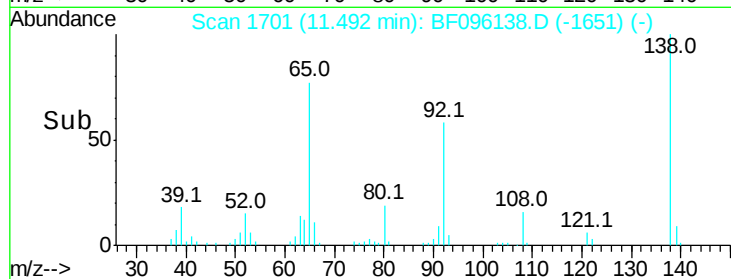
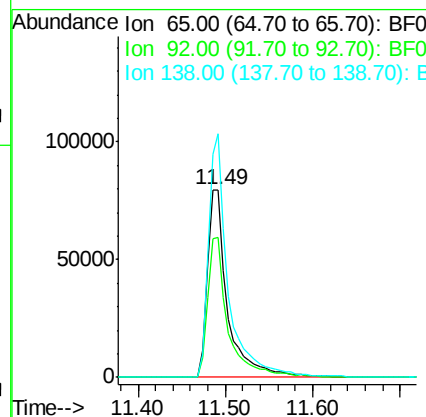
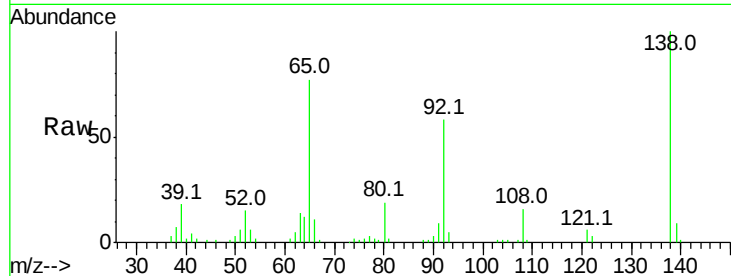




#47
 2-Nitroaniline
 Concen: 42.44 ng
 RT: 11.49 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

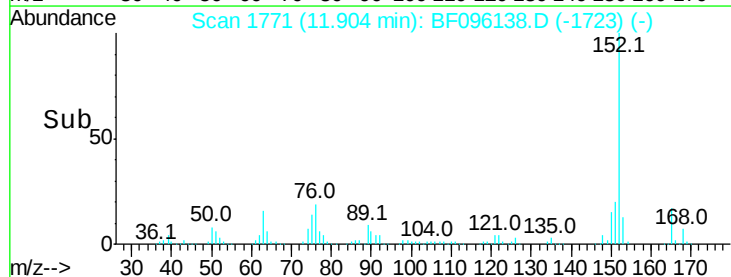
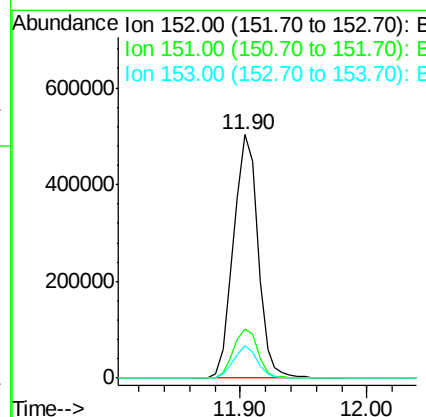
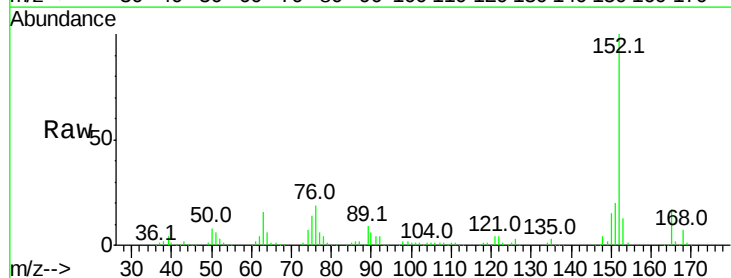
Instrument :
 BNA_F
 ClientSampleId :

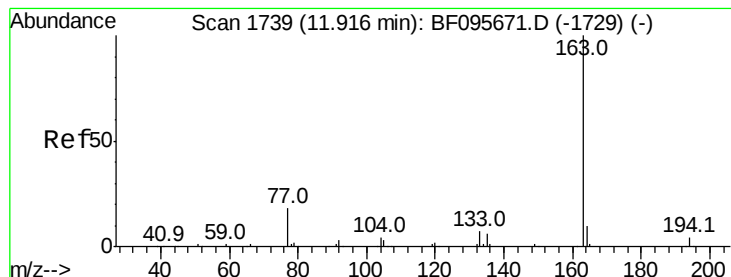
Tot Ion: 65 Resp: 129309
 Ion Ratio Lower Upper
 65 100
 92 74.9 53.9 80.9
 138 129.7 78.8 118.2#



#48
 Acenaphthylene
 Concen: 37.78 ng
 RT: 11.90 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:152 Resp: 672708
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 40.59 ng

RT: 11.81 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampled :

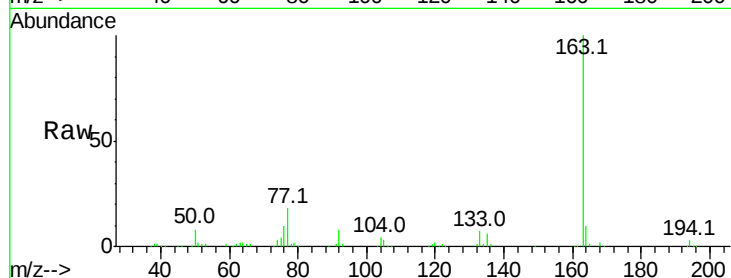
Tot Ion:163 Resp: 498288

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

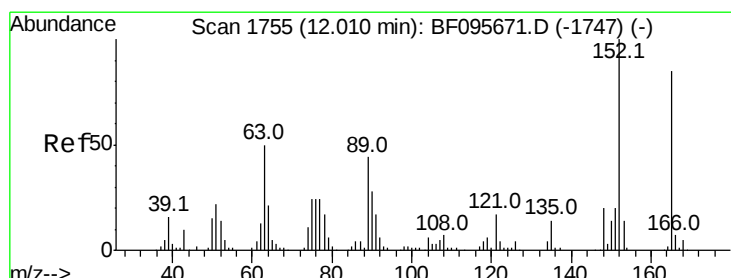
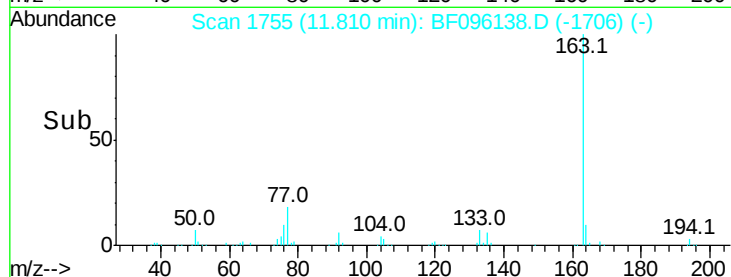
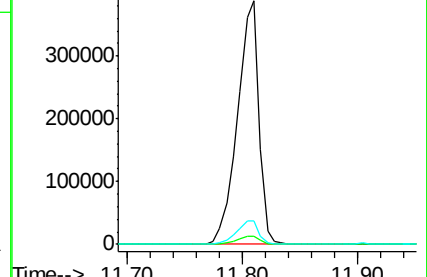
164 9.8 8.4 12.6



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: 36.76 ng

RT: 11.90 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

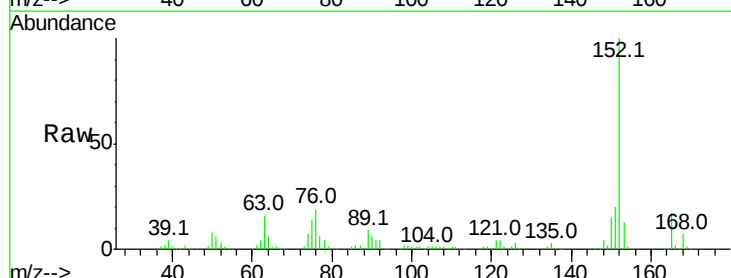
Tgt Ion:165 Resp: 98431

Ion Ratio Lower Upper

165 100

63 91.1 34.3 51.5#

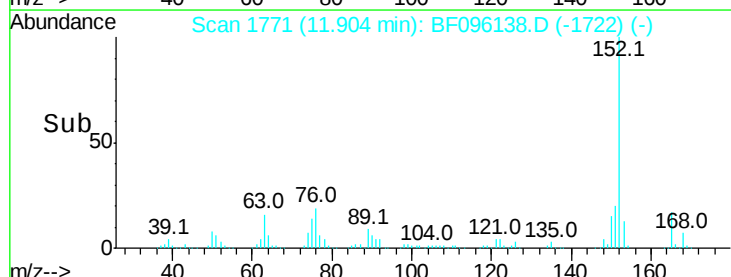
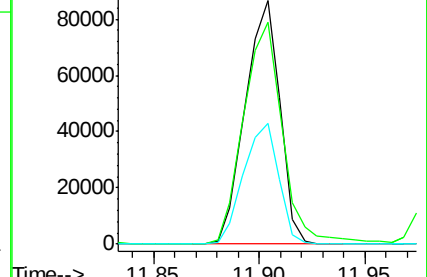
89 49.6 37.1 55.7

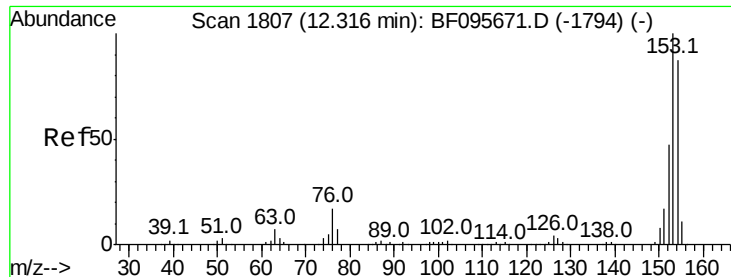


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.12 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampled :

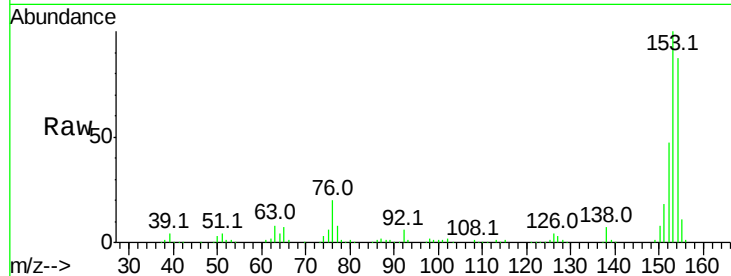
Tot Ion:154 Resp: 402258

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

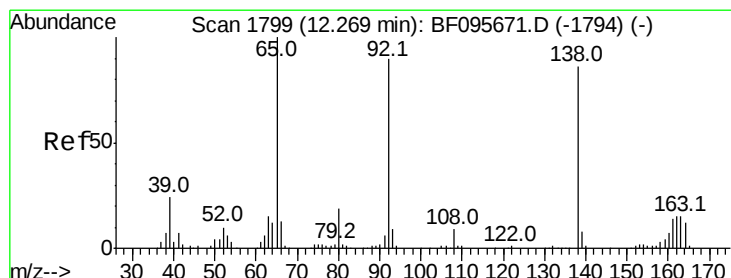
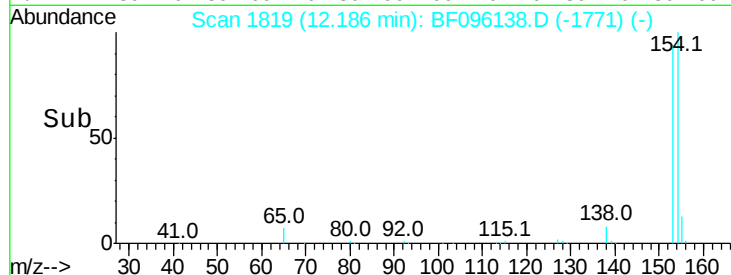
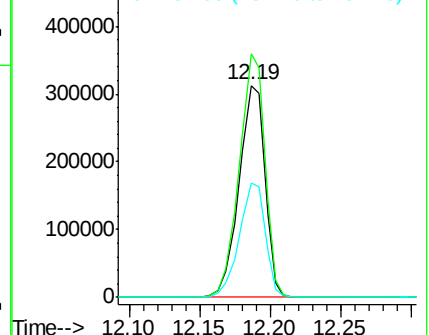
152 53.7 43.6 65.4



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: 41.78 ng

RT: 12.17 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

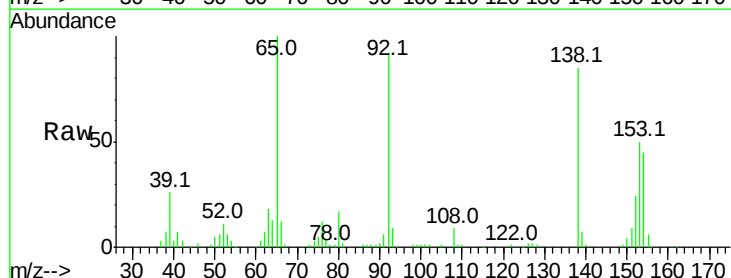
Tgt Ion:138 Resp: 130351

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

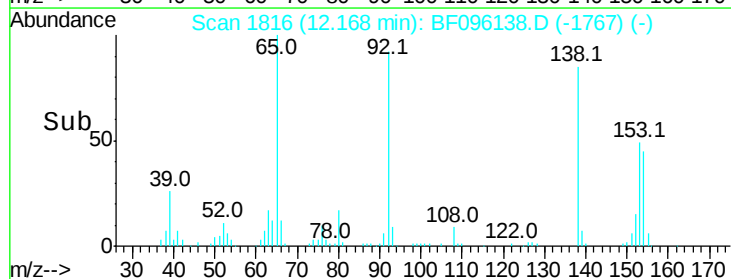
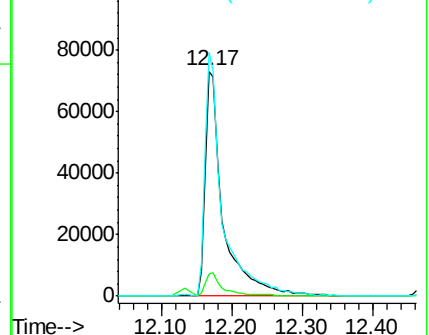
92 108.2 93.8 140.6

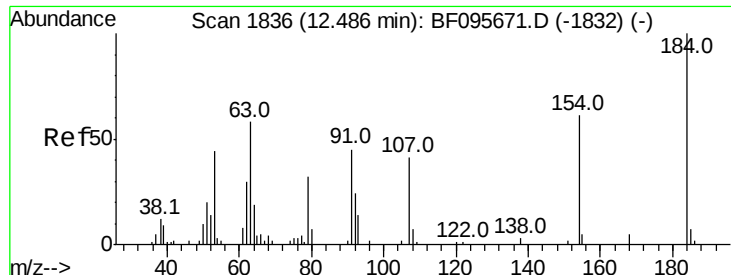


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

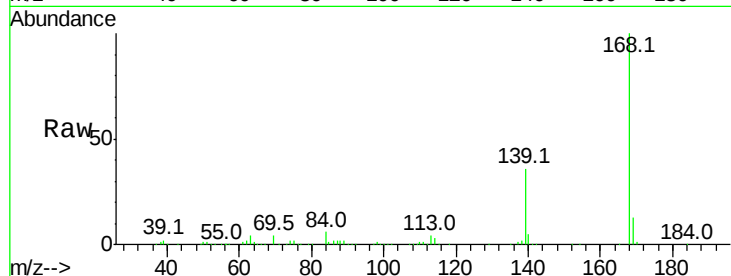




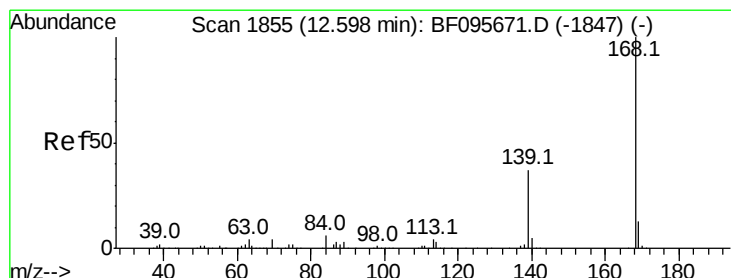
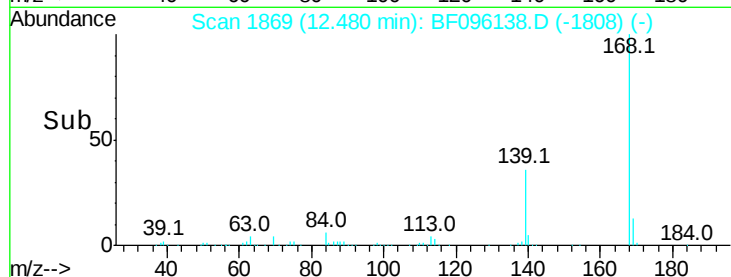
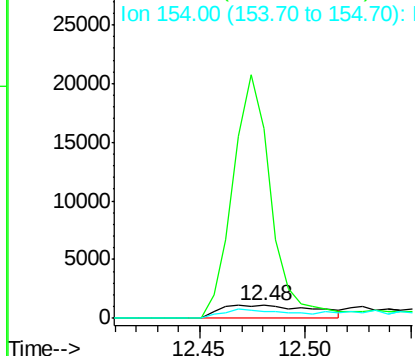
#53
 2,4-Dinitrophenol
 Concen: 8.55 ng
 RT: 12.48 min Scan# 1869
 Delta R.T. 0.06 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 3417
 Ion Ratio Lower Upper
 184 100
 63 1486.4 62.7 94.1#
 154 50.5 81.1 121.7#

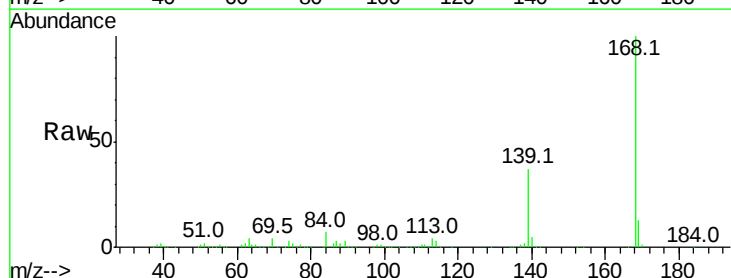


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

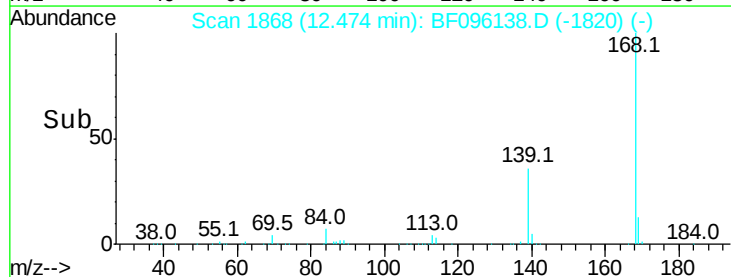
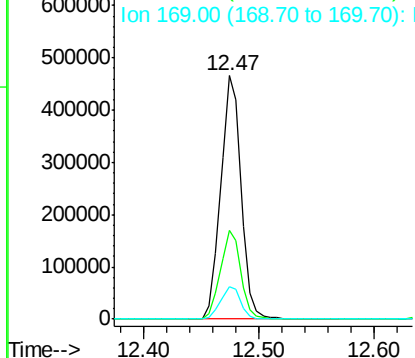


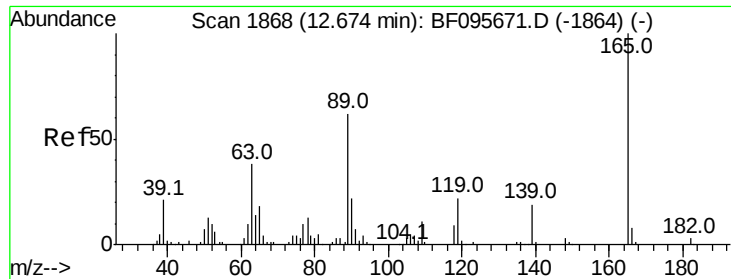
#54
 Dibenzofuran
 Concen: 39.29 ng
 RT: 12.47 min Scan# 1868
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:168 Resp: 568603
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

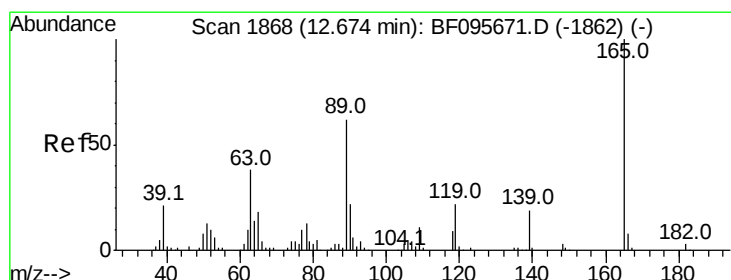
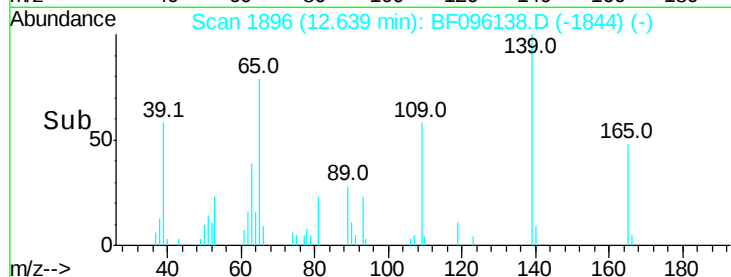
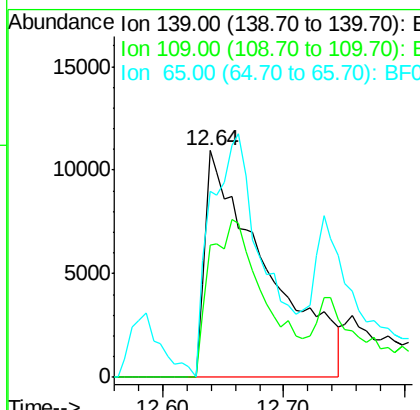
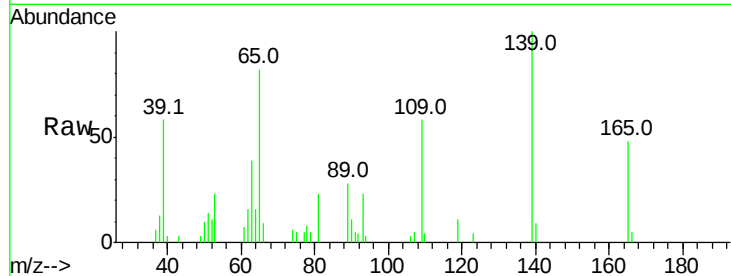




#55
4-Nitrophenol
Concen: 24.49 ng
RT: 12.64 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

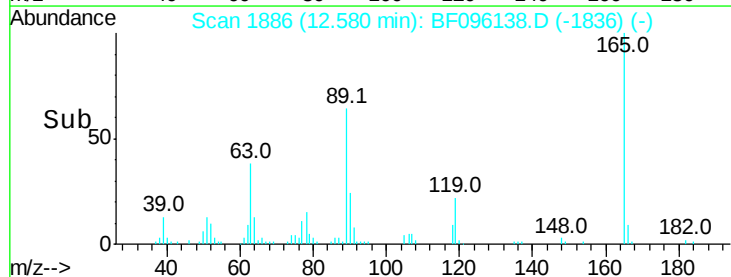
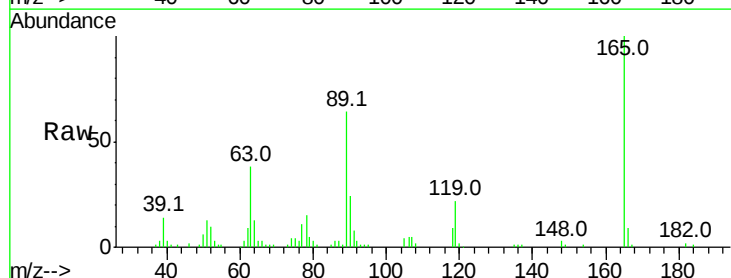
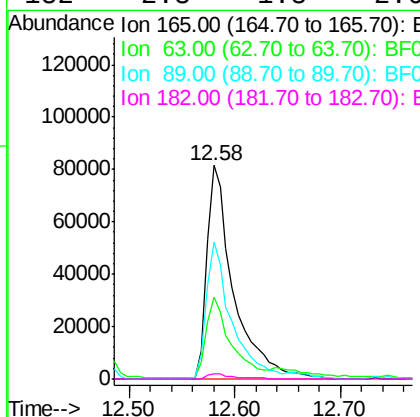
Instrument :
BNA_F
ClientSampleId :

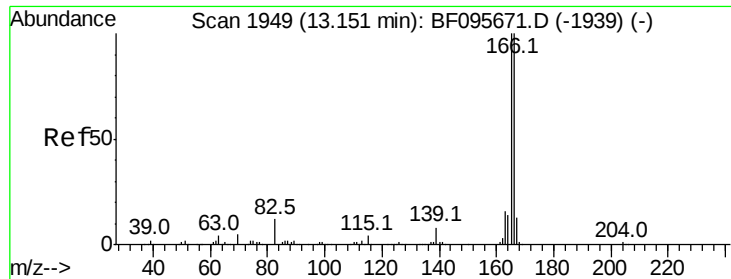
Tot Ion:139 Resp: 38396
Ion Ratio Lower Upper
139 100
109 58.0 34.1 74.1
65 82.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.74 ng
RT: 12.58 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:165 Resp: 143736
Ion Ratio Lower Upper
165 100
63 38.4 25.4 38.0#
89 64.0 46.4 69.6
182 2.3 1.8 2.6





#57

Fluorene

Concen: 38.48 ng

RT: 13.03 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampled :

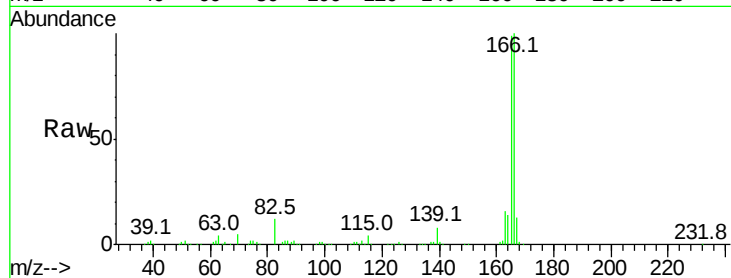
Tot Ion:166 Resp: 484650

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

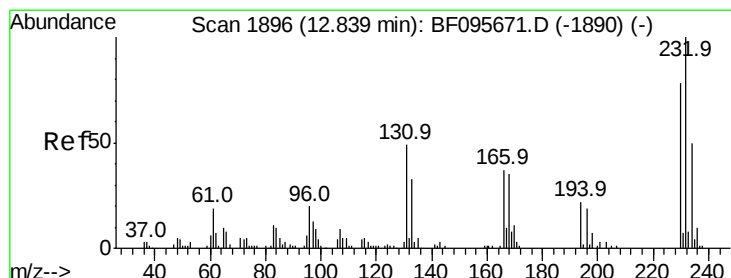
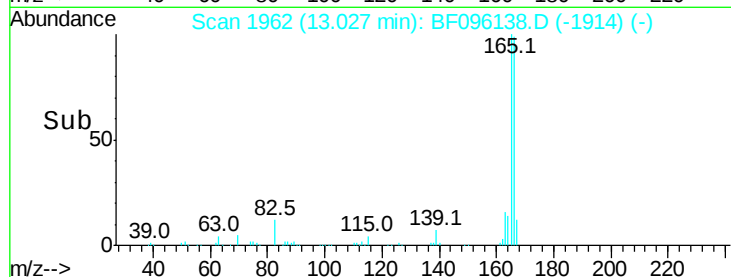
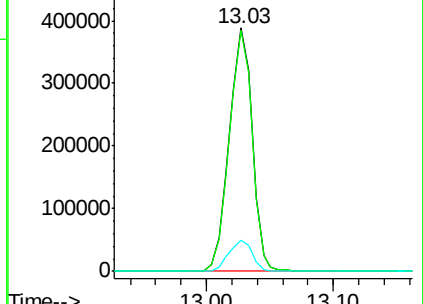
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.82 ng

RT: 12.74 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Tgt Ion:232 Resp: 81116

Ion Ratio Lower Upper

232 100

131 47.4 44.8 67.2

130 1.8 2.3 3.5#

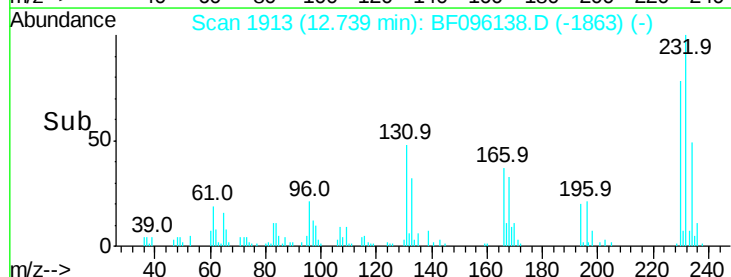
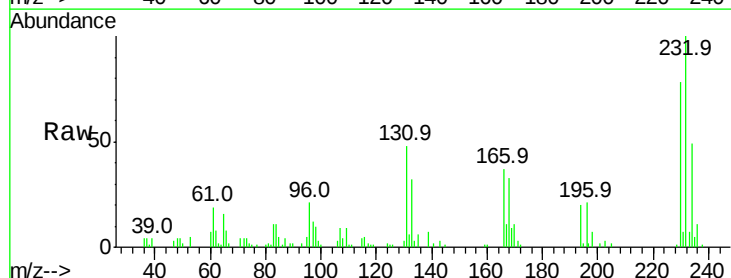
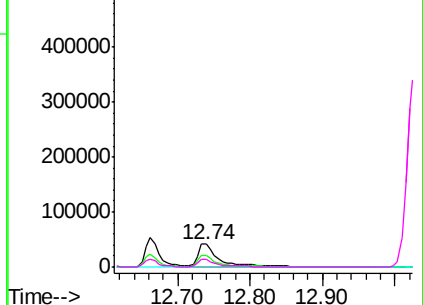
166 32.5 29.0 43.4

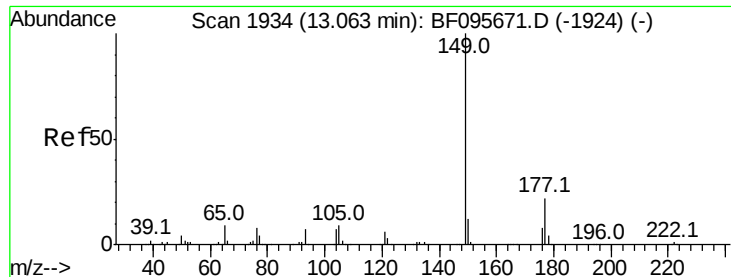
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

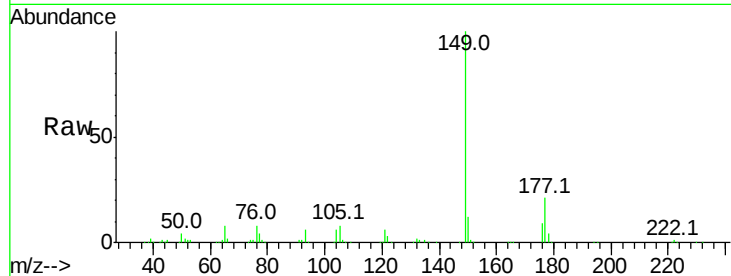




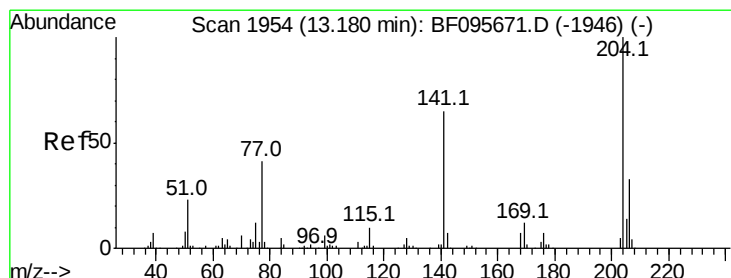
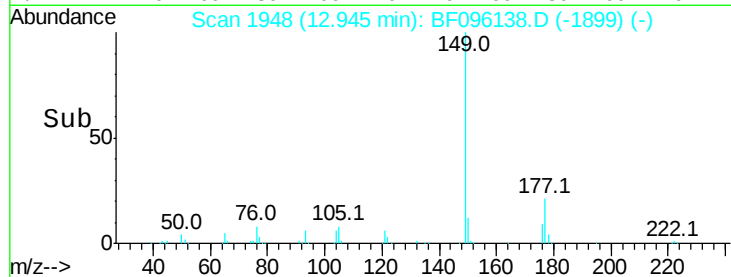
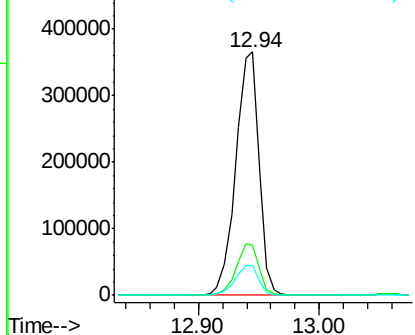
#59
Diethylphthalate
Concen: 41.54 ng
RT: 12.94 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.0	10.2	15.2

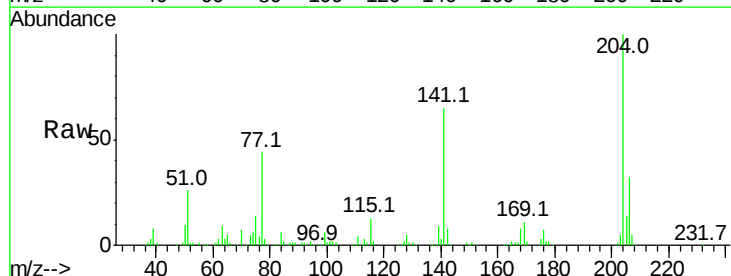


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

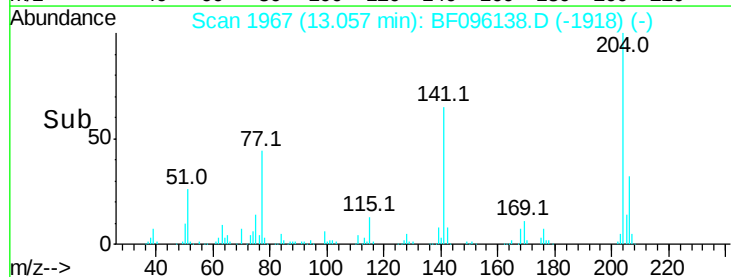
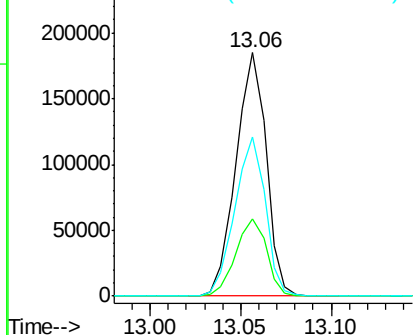


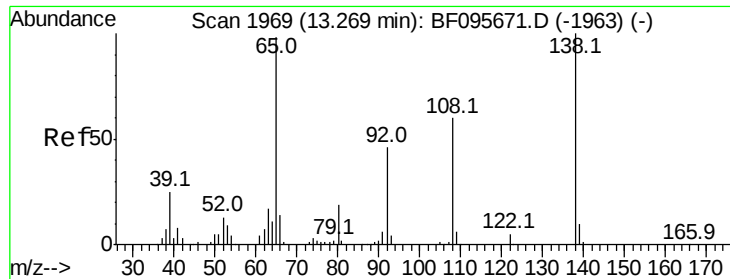
#60
4-Chlorophenyl-phenylether
Concen: 39.28 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.2
141	65.2	60.8	91.2



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

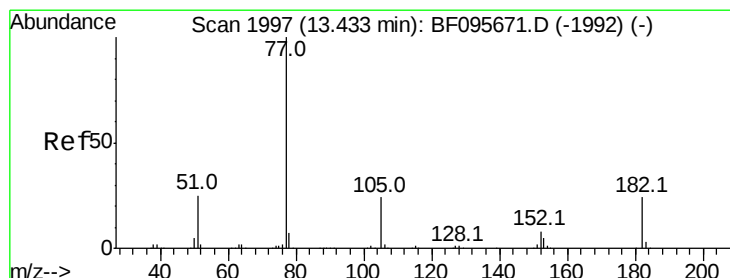
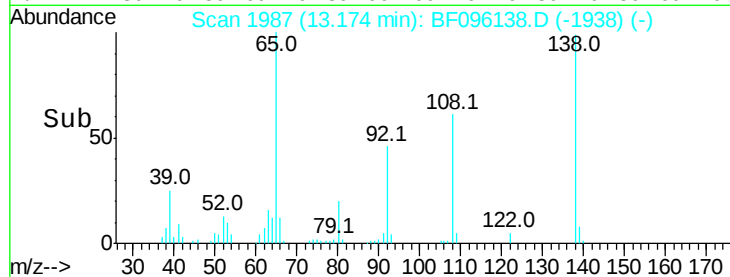
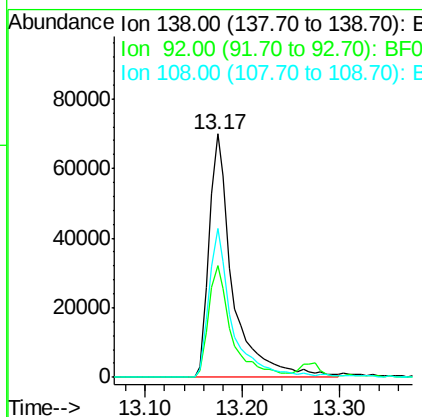
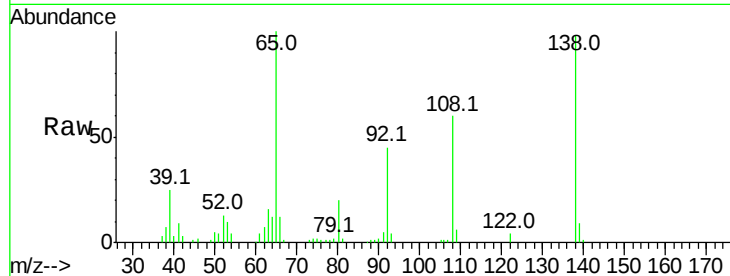




#61
4-Nitroaniline
Concen: 40.50 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

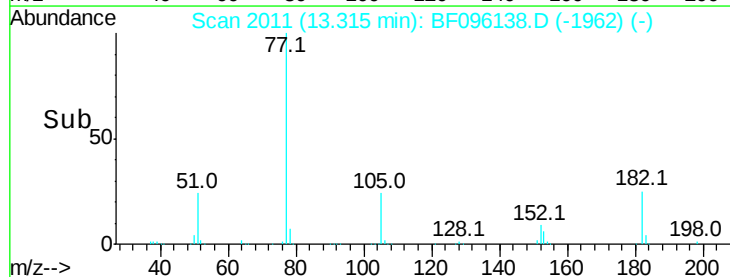
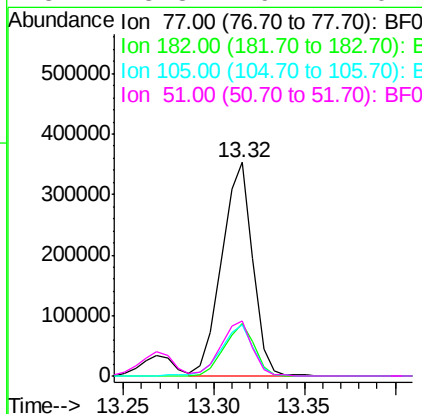
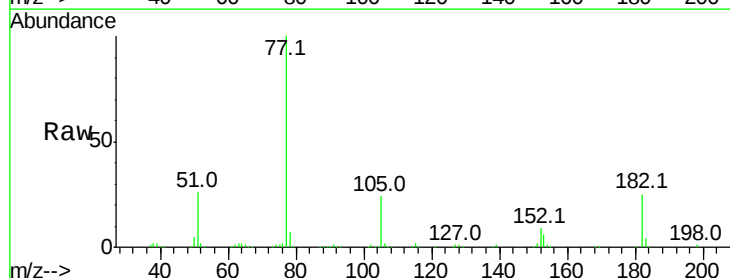
Instrument :
BNA_F
ClientSampled :

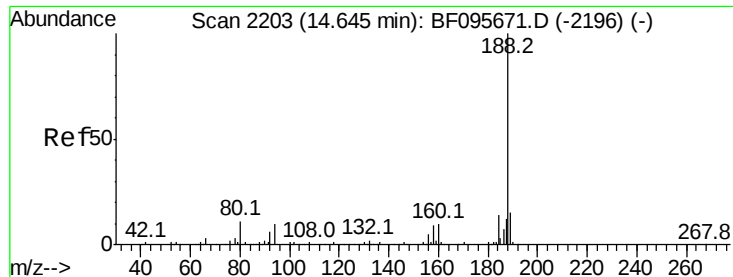
Tot Ion:138 Resp: 117983
Ion Ratio Lower Upper
138 100
92 45.9 21.8 61.8
108 60.9 42.3 82.3



#62
Azobenzene
Concen: 38.91 ng
RT: 13.32 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion: 77 Resp: 416625
Ion Ratio Lower Upper
77 100
182 24.6 0.1 40.1
105 24.0 3.6 43.6
51 25.8 9.4 49.4

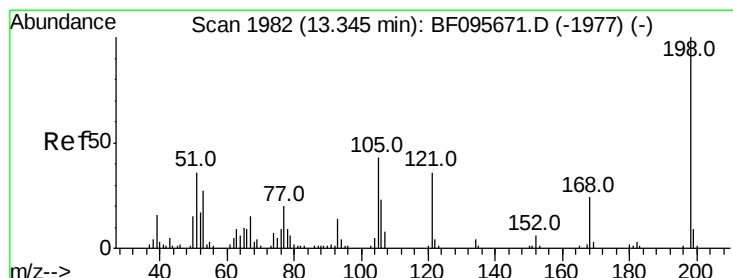
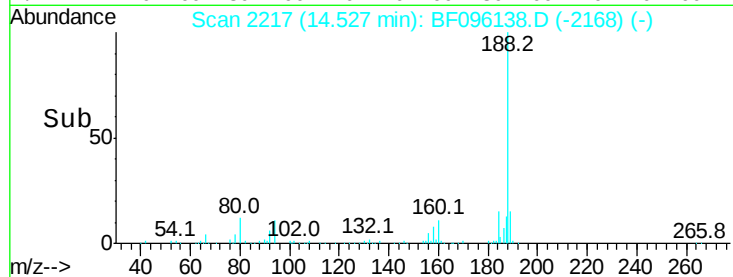
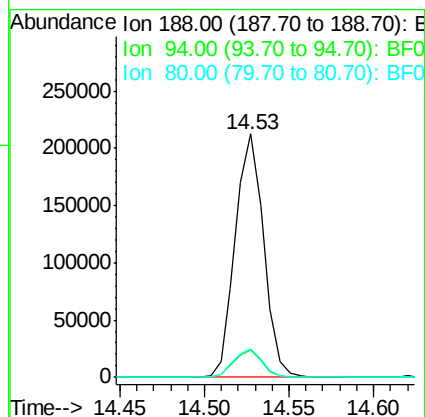
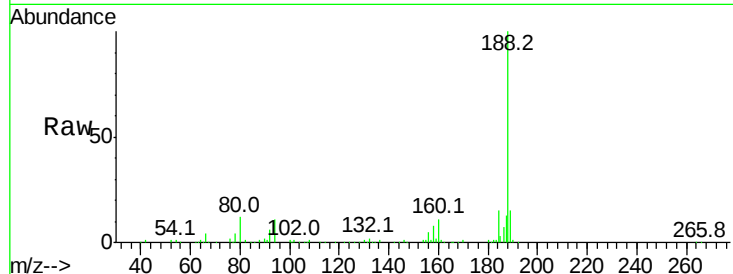




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

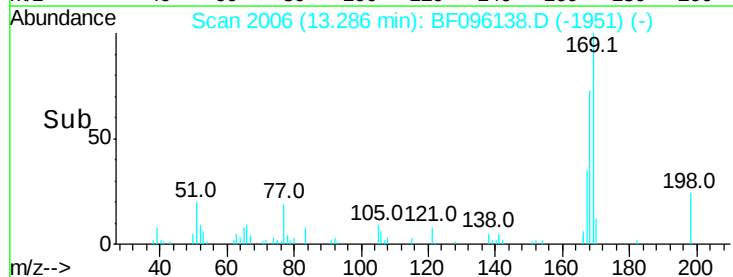
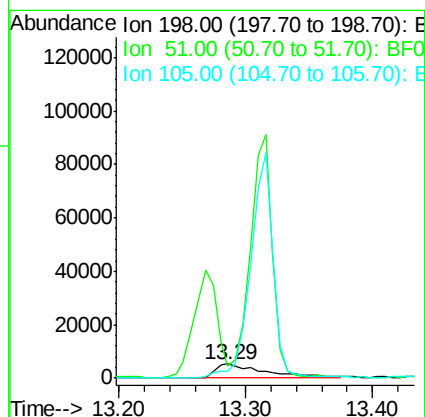
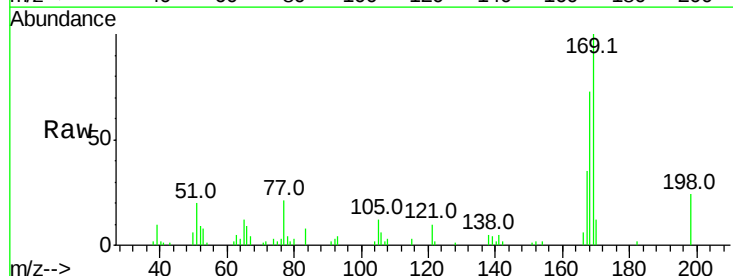
Instrument :
BNA_F
ClientSampleId :

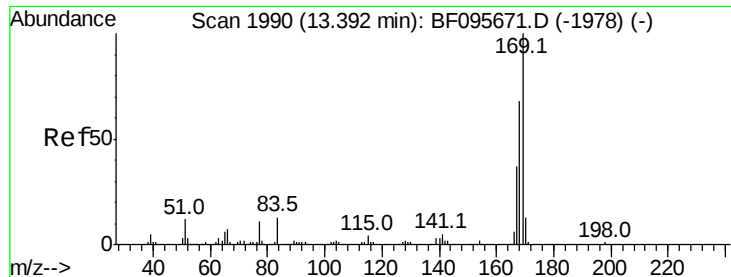
Tot Ion:188 Resp: 249651
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 9.12 ng
RT: 13.29 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:198 Resp: 14968
Ion Ratio Lower Upper
198 100
51 83.3 53.2 93.2
105 50.4 45.8 85.8

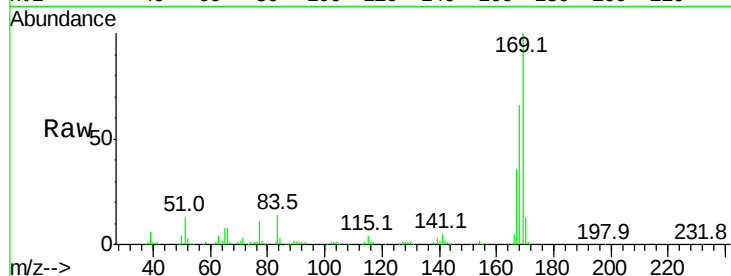




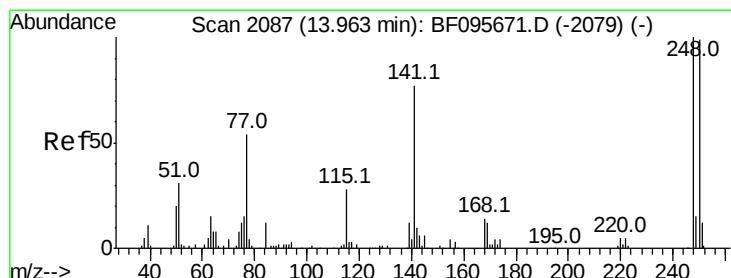
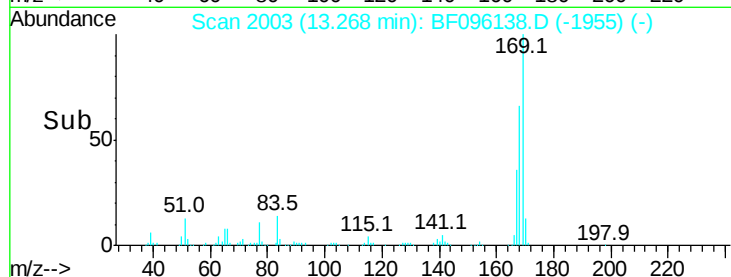
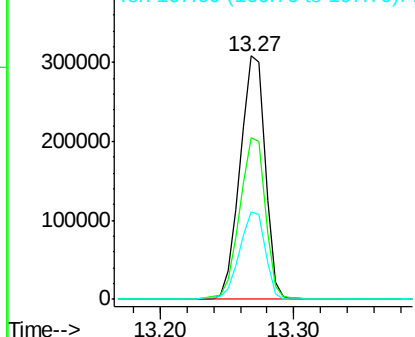
#65
n-Nitrosodiphenylamine
Concen: 44.85 ng
RT: 13.27 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 402377
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 35.8 29.5 44.3

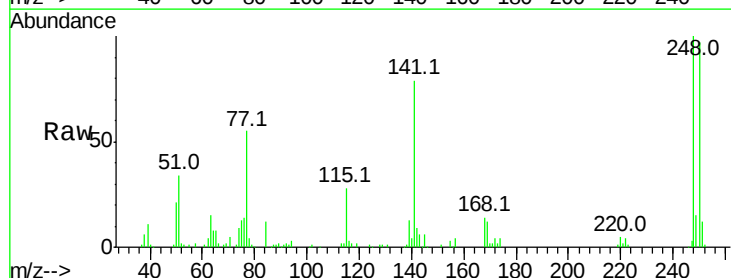


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

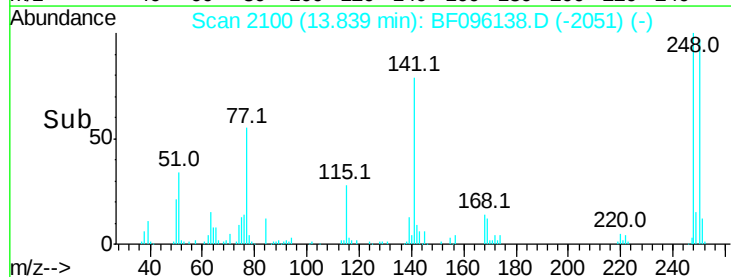
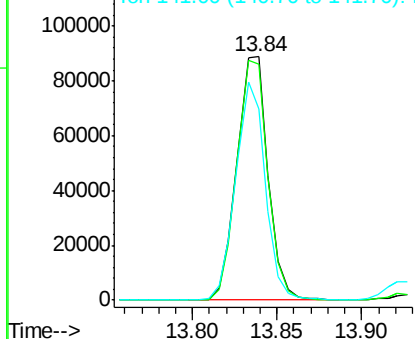


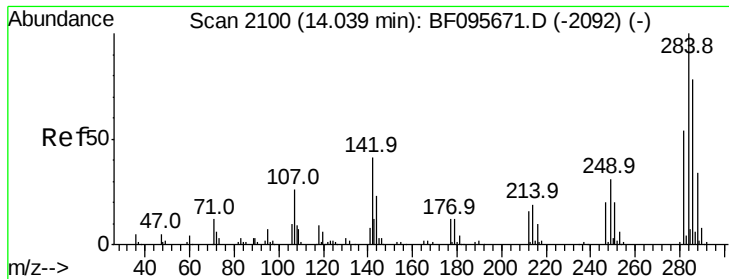
#66
4-Bromophenyl-phenylether
Concen: 44.17 ng
RT: 13.84 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:248 Resp: 114609
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 78.6 68.6 103.0



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

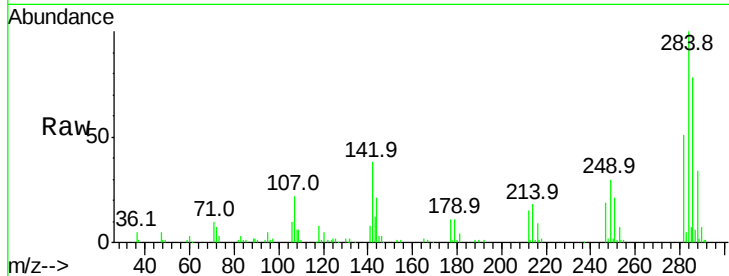




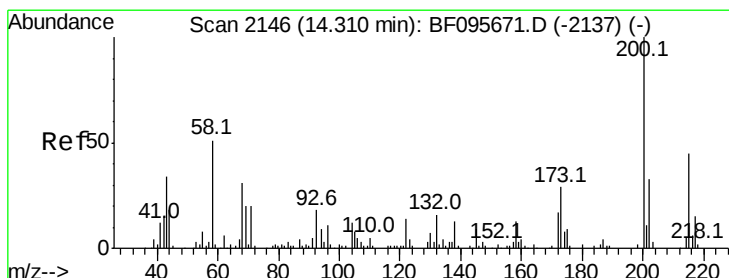
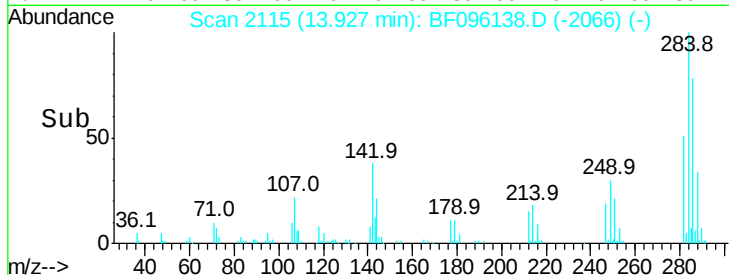
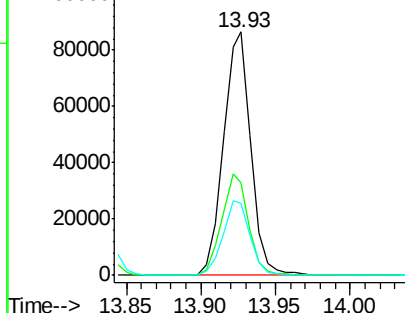
#67
Hexachlorobenzene
Concen: 43.43 ng
RT: 13.93 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 111036
Ion Ratio Lower Upper
284 100
142 38.2 22.8 34.2#
249 29.7 24.0 36.0

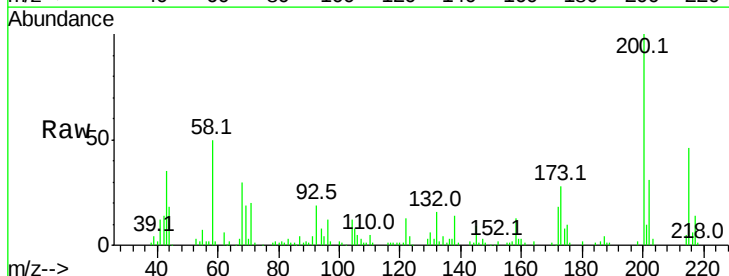


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

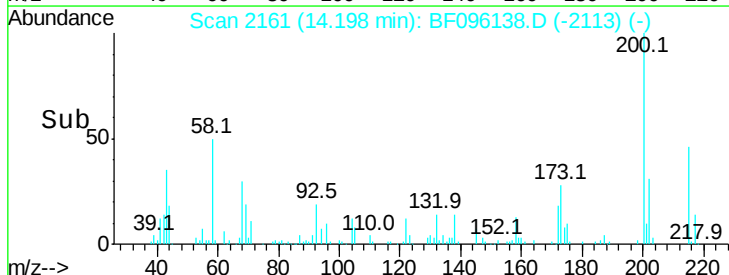
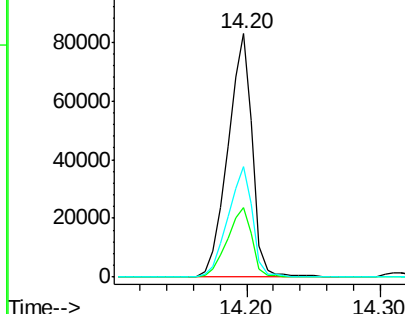


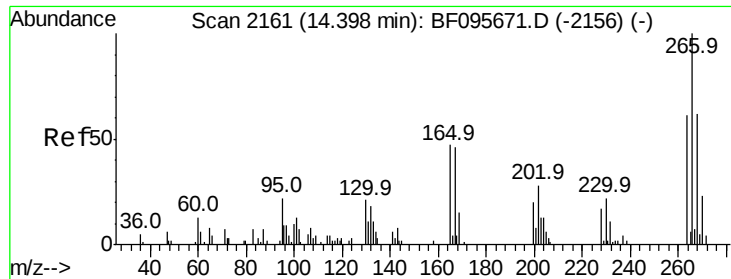
#68
Atrazine
Concen: 42.53 ng
RT: 14.20 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:200 Resp: 106174
Ion Ratio Lower Upper
200 100
173 28.4 6.3 46.3
215 45.6 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

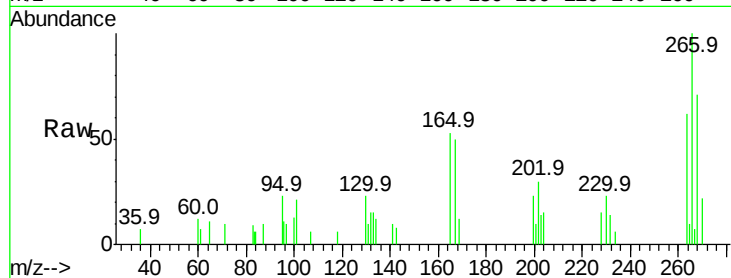




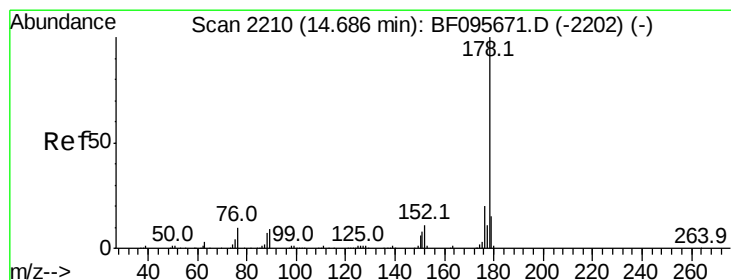
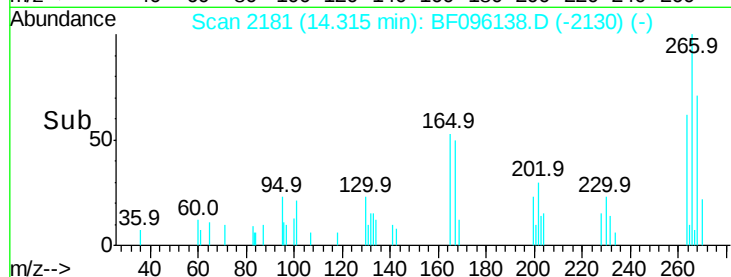
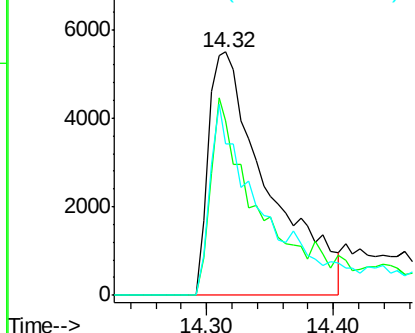
#69
 Pentachlorophenol
 Concen: 23.59 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 17950
 Ion Ratio Lower Upper
 266 100
 268 71.5 51.1 76.7
 264 62.3 51.7 77.5

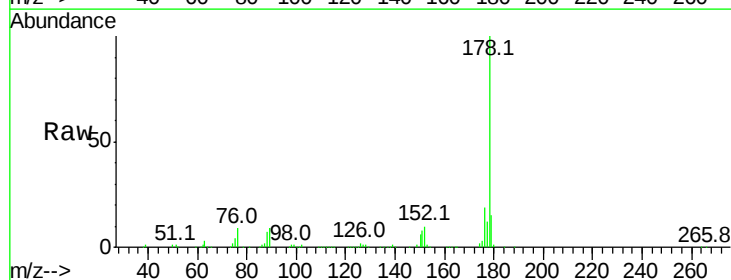


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

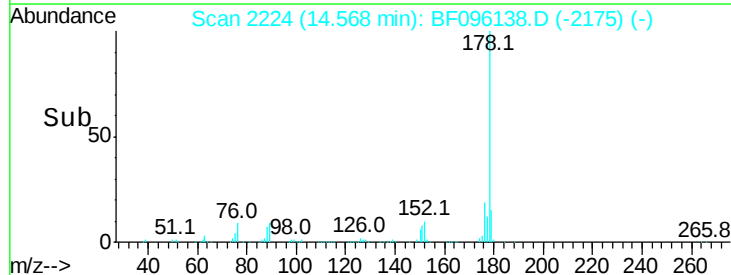
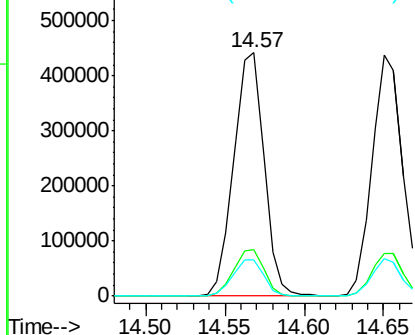


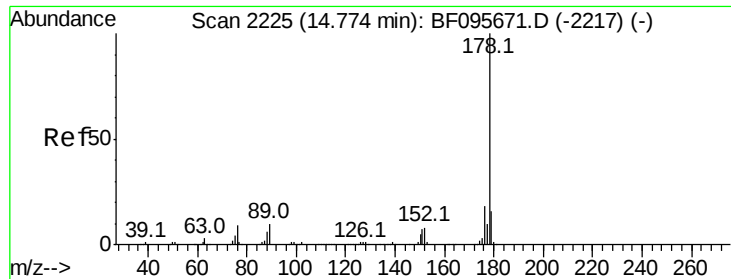
#70
 Phenanthrene
 Concen: 40.93 ng
 RT: 14.57 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:178 Resp: 589606
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.1 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

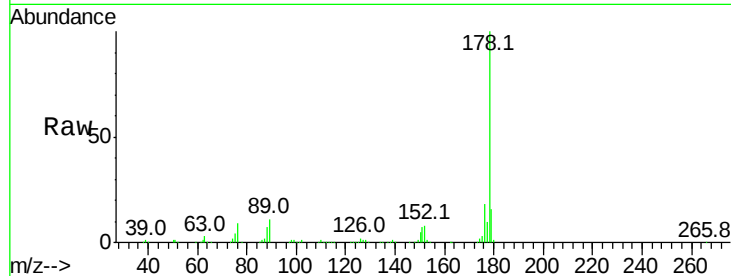




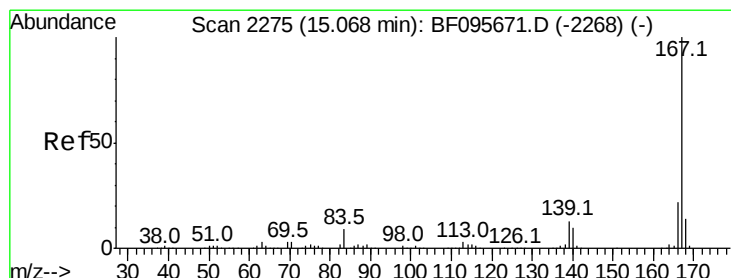
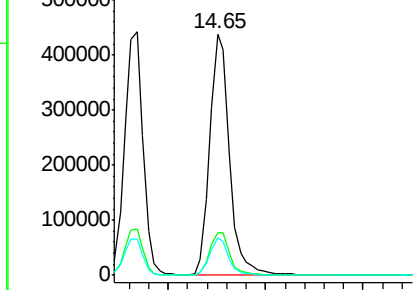
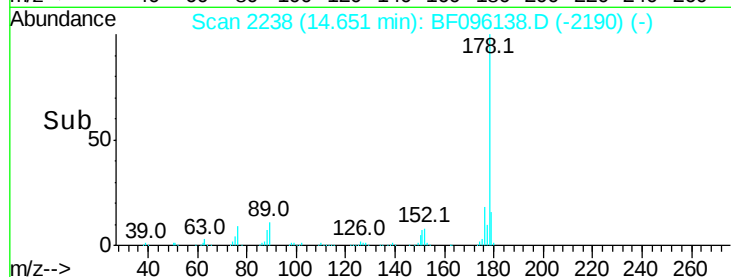
#71
 Anthracene
 Concen: 40.91 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 615278
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.8 23.8
 179 15.5 12.7 19.1

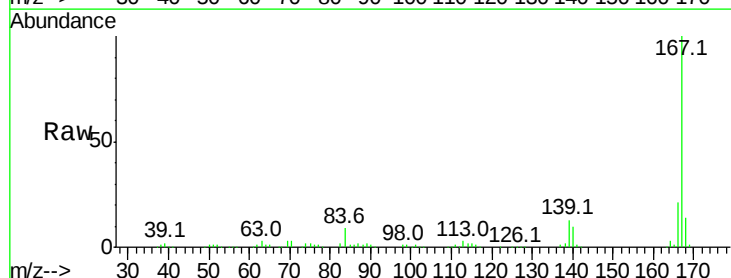


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

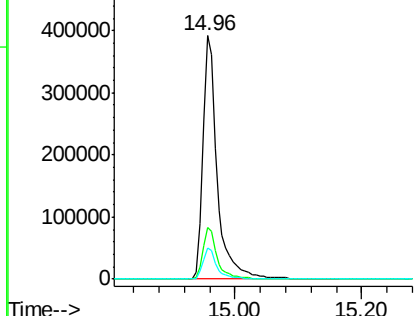
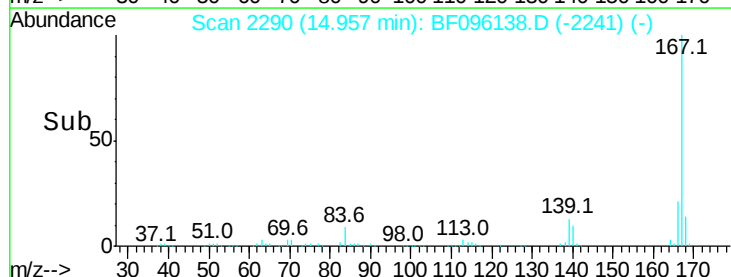


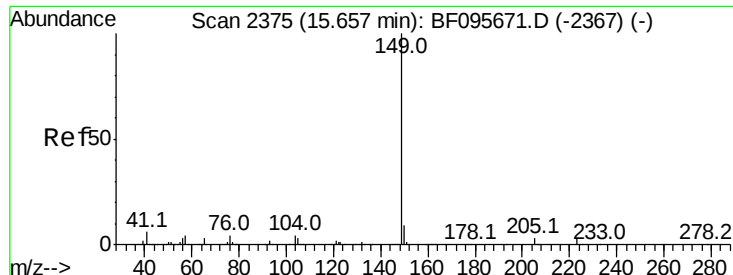
#72
 Carbazole
 Concen: 41.51 ng
 RT: 14.96 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:167 Resp: 608269
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 13.0 11.7 17.5



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

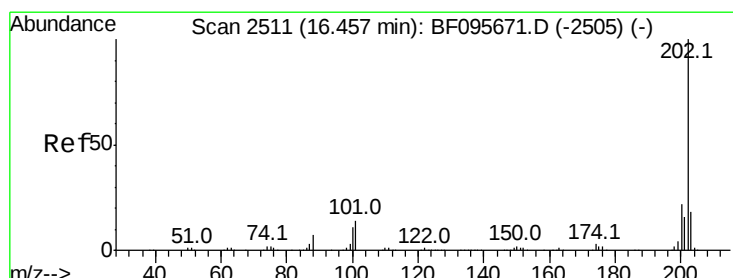
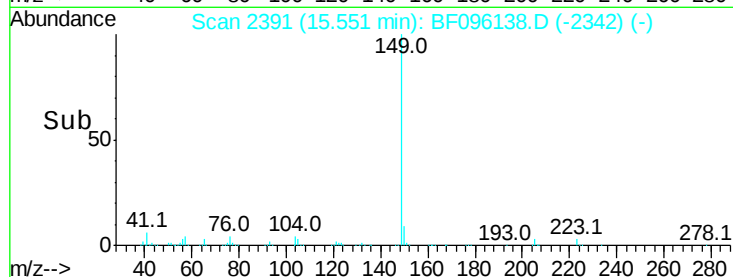
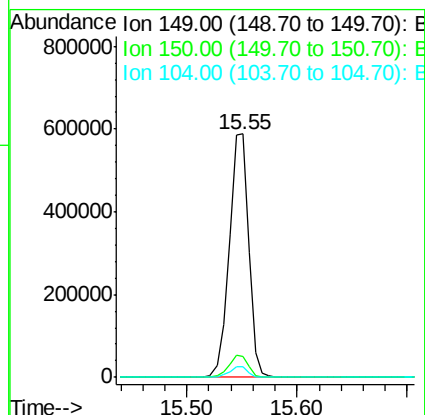
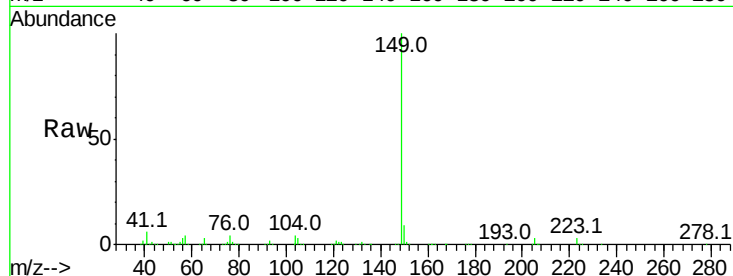




#73
Di-n-butylphthalate
Concen: 46.67 ng
RT: 15.55 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

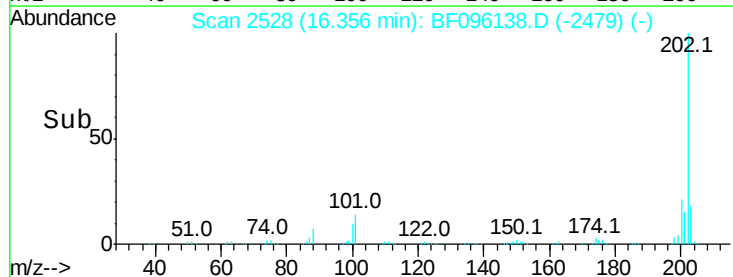
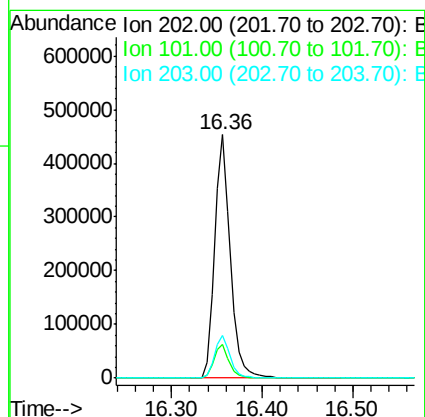
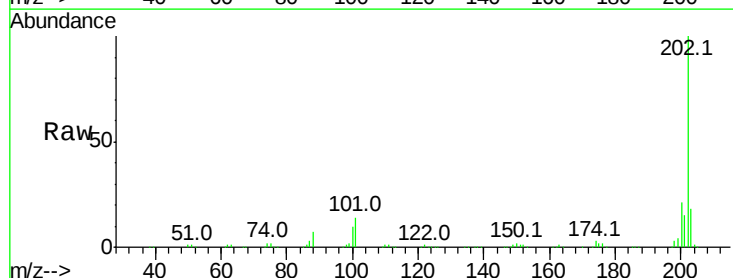
Instrument :
BNA_F
ClientSampleId :

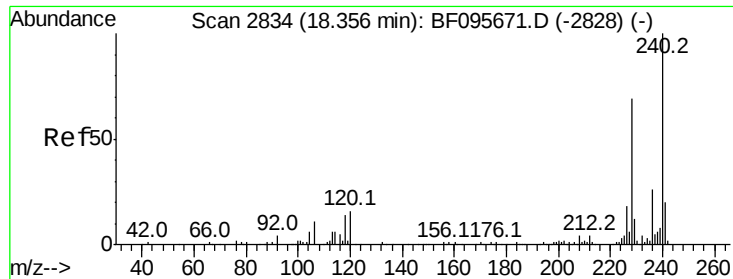
Tot Ion:149 Resp: 727722
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 38.05 ng
RT: 16.36 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:202 Resp: 542432
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.7 0.0 38.1

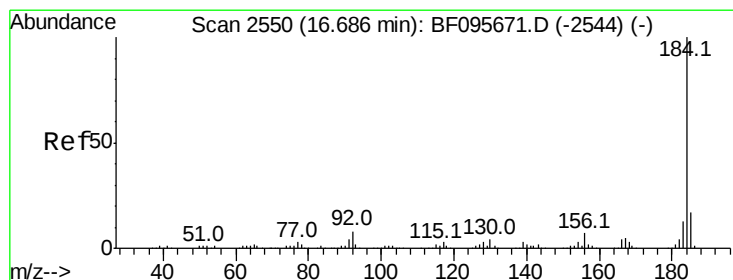
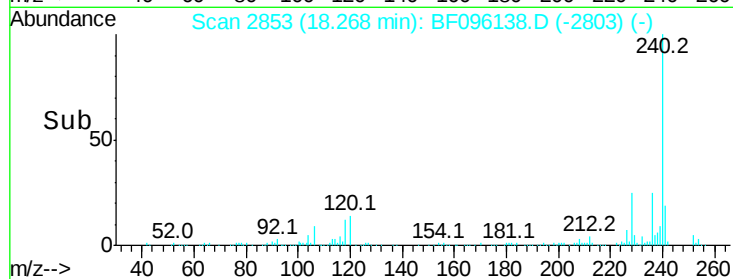
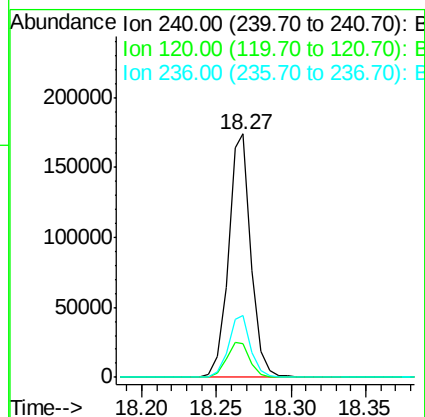
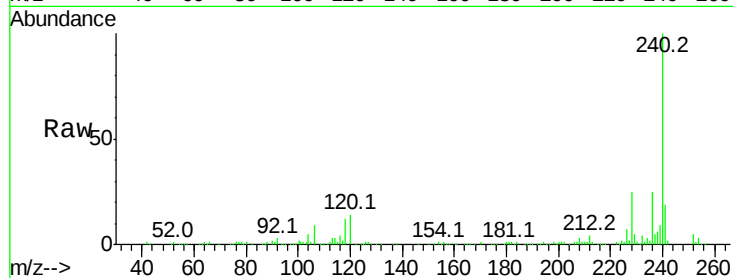




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

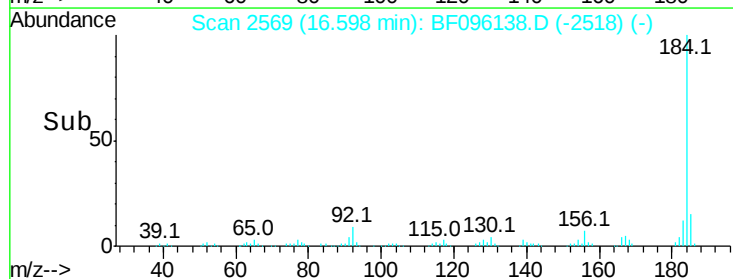
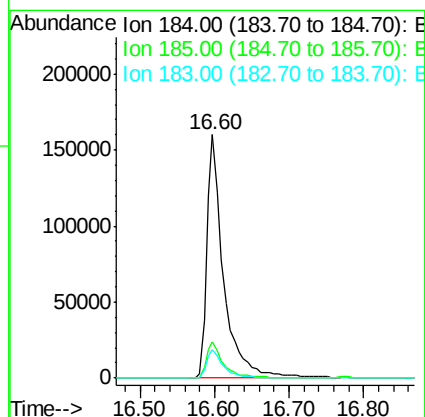
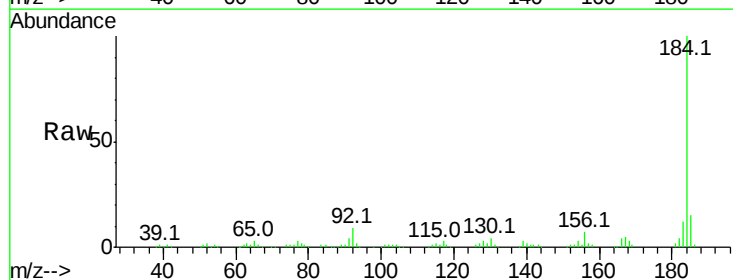
Instrument :
 BNA_F
 ClientSampleId :

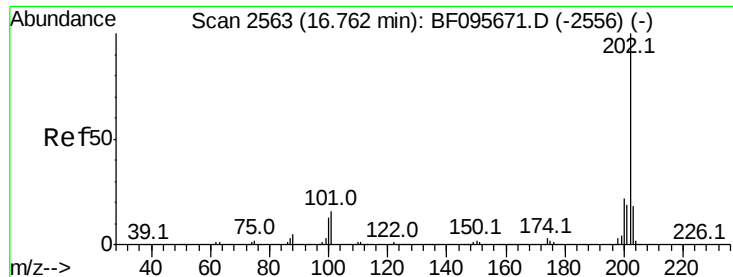
Tot Ion:240 Resp: 184963
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 25.5 20.5 30.7



#76
 Benzidine
 Concen: 35.37 ng
 RT: 16.60 min Scan# 2569
 Delta R.T. 0.00 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:184 Resp: 251261
 Ion Ratio Lower Upper
 184 100
 185 14.6 15.5 23.3#
 183 11.5 9.8 14.6





#77

Pvrene

Concen: 39.77 ng

RT: 16.66 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampleId :

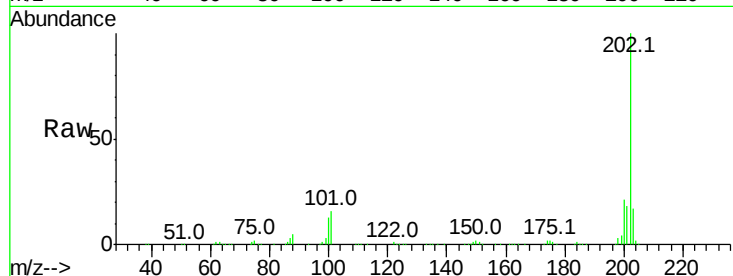
Tot Ion:202 Resp: 548934

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

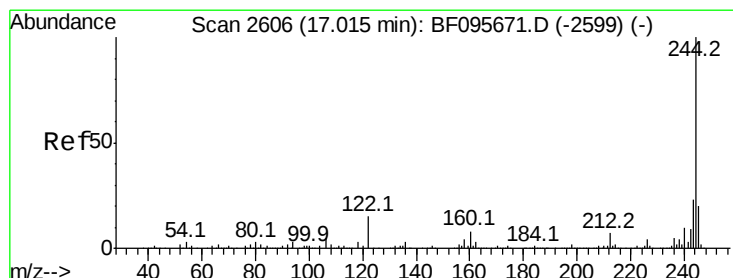
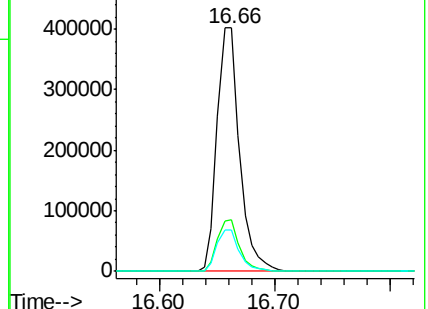
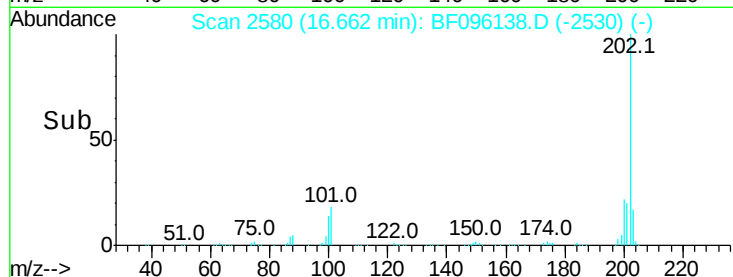
203 17.2 14.4 21.6



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: 80.82 ng

RT: 16.92 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

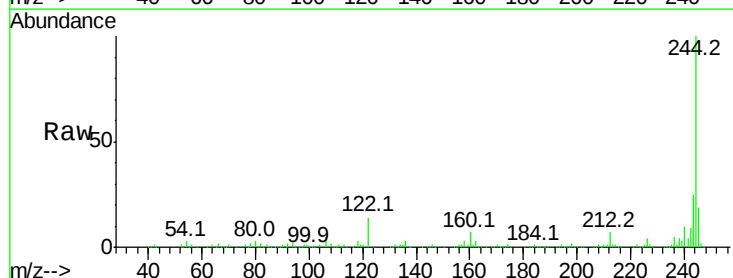
Tgt Ion:244 Resp: 602323

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

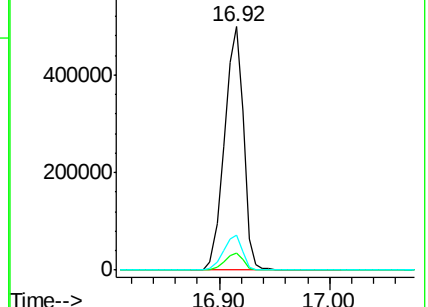
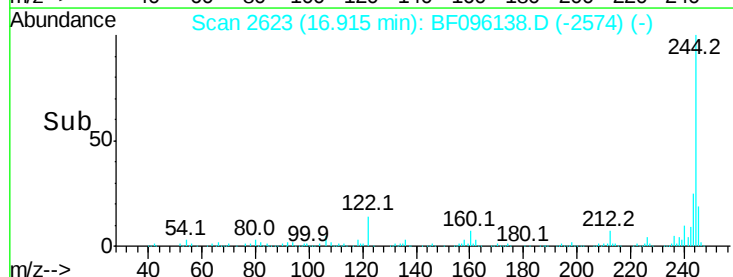
122 14.1 10.3 15.5

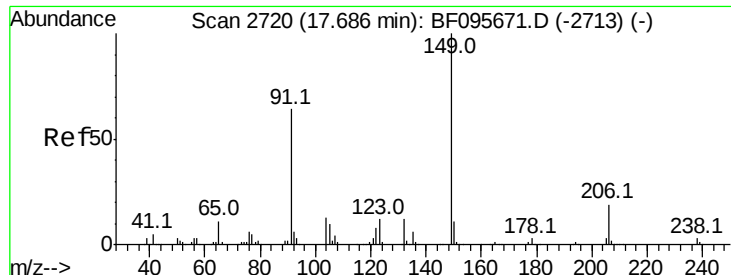


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

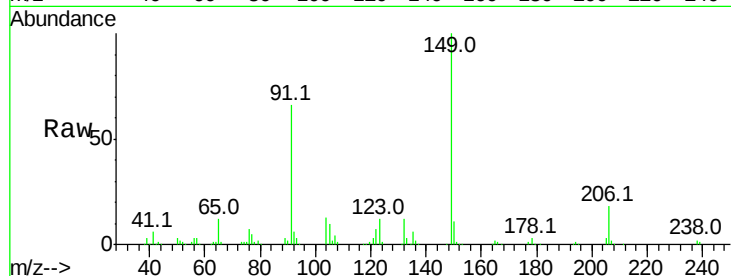




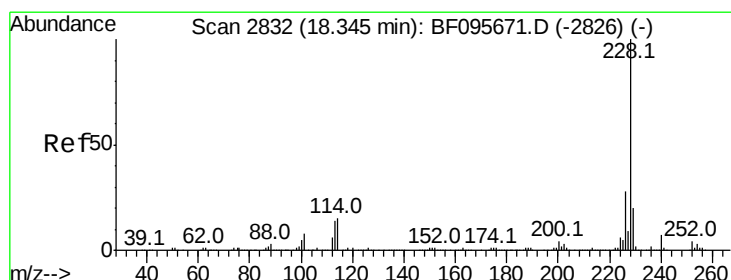
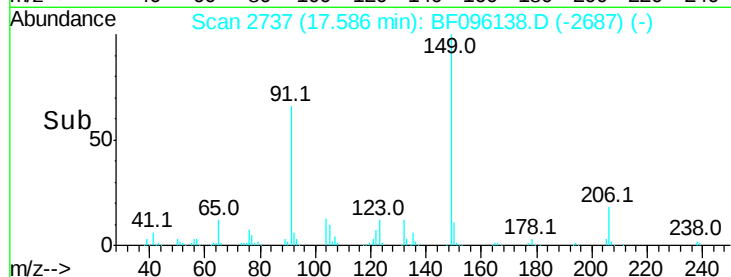
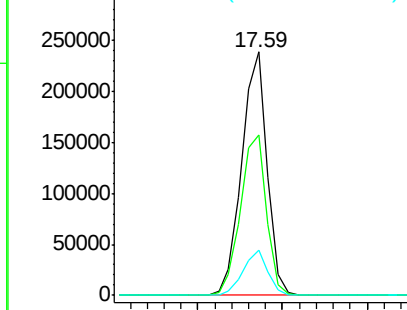
#79
Butylbenzylphthalate
Concen: 41.42 ng
RT: 17.59 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	45.0	67.4
206	18.4	17.0	25.6

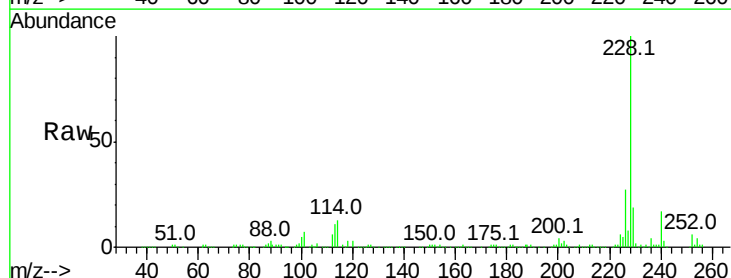


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

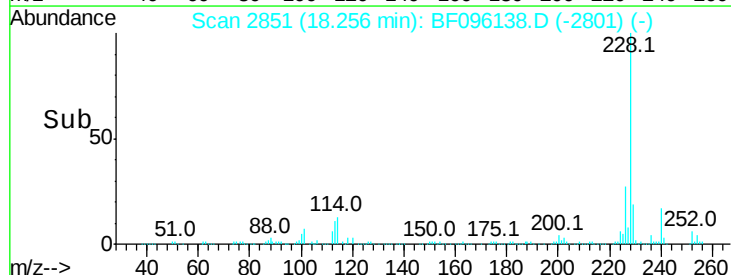
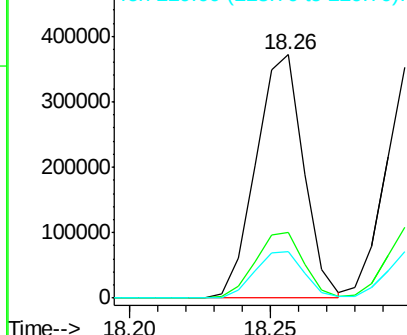


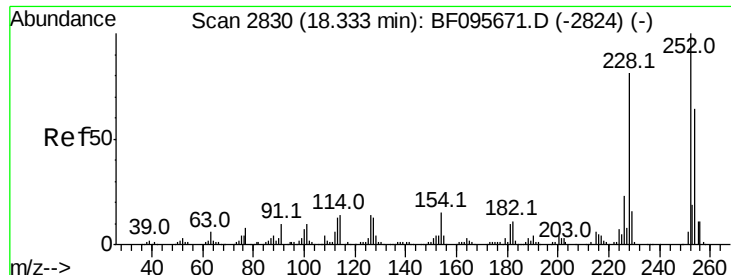
#80
Benzo(a)anthracene
Concen: 40.41 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	18.9	16.3	24.5



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

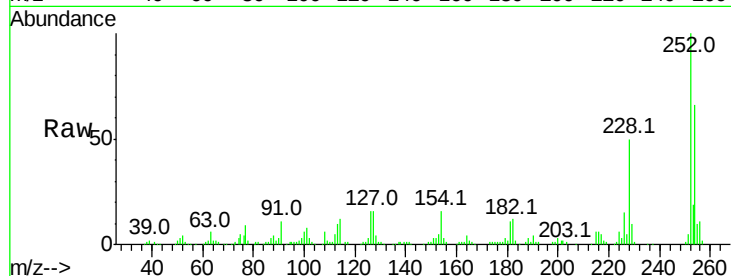




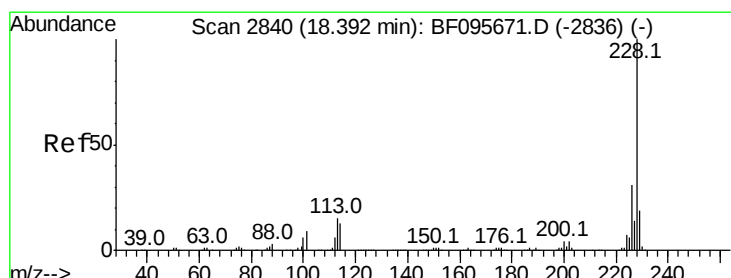
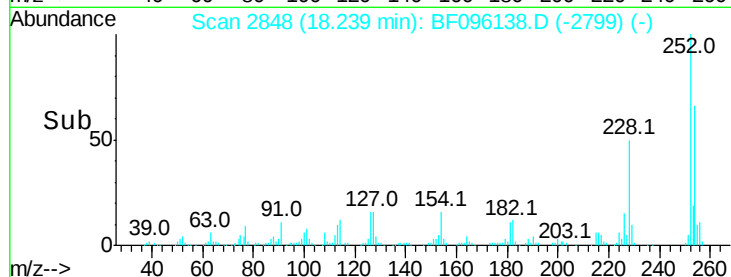
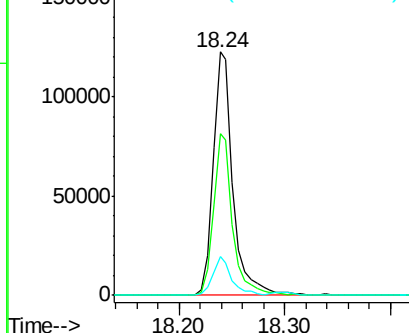
#81
 3,3'-Dichlorobenzidine
 Concen: 42.35 ng
 RT: 18.24 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 161920
 Ion Ratio Lower Upper
 252 100
 254 66.2 51.5 77.3
 126 15.8 15.8 23.8#

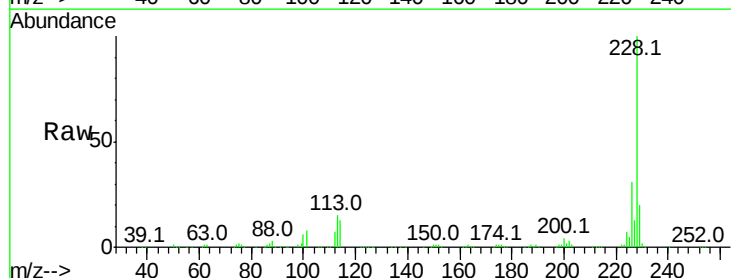


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

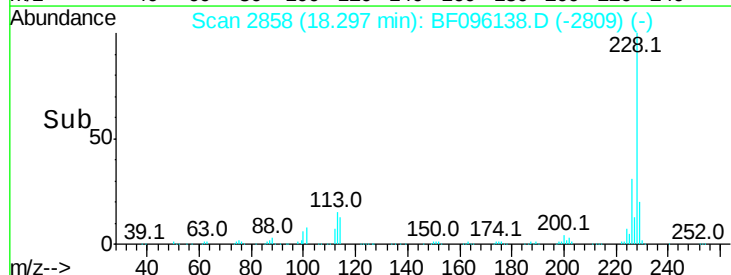
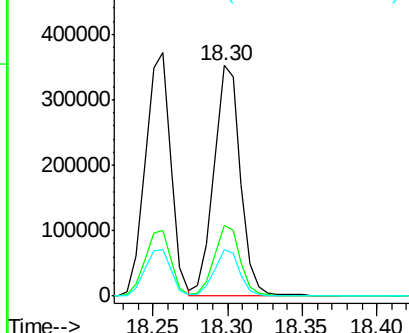


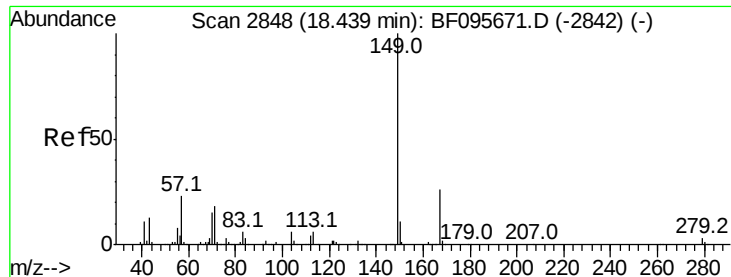
#82
 Chrysene
 Concen: 40.87 ng
 RT: 18.30 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion:228 Resp: 439221
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.0 15.8 23.6



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

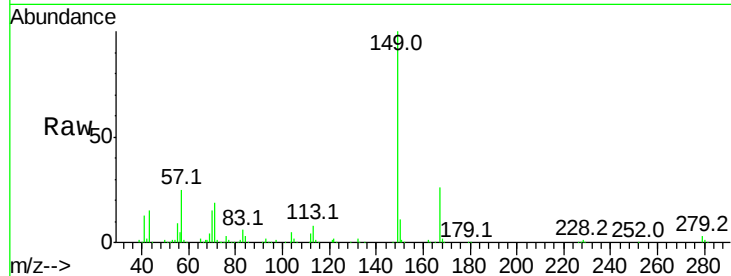




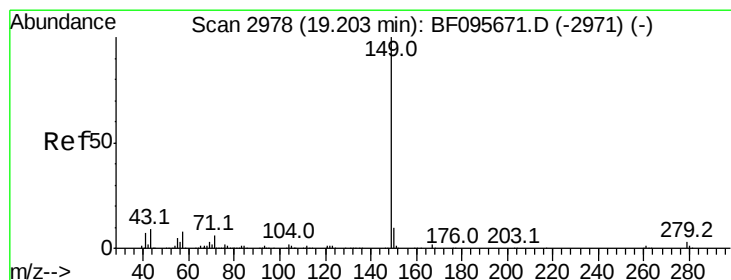
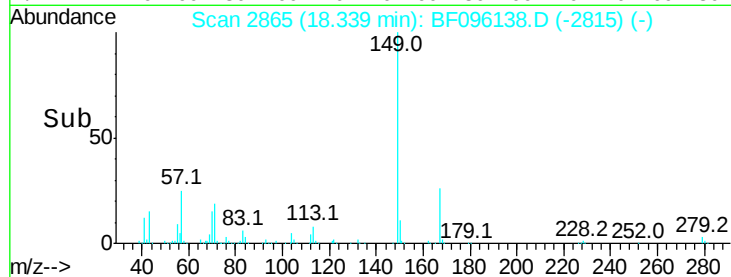
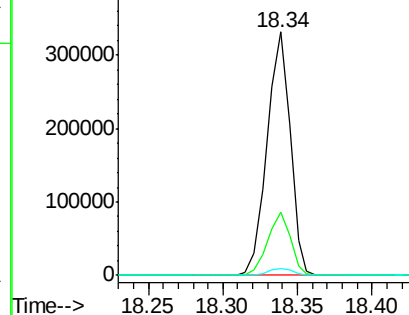
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.72 ng
 RT: 18.34 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.9	1.9	2.9

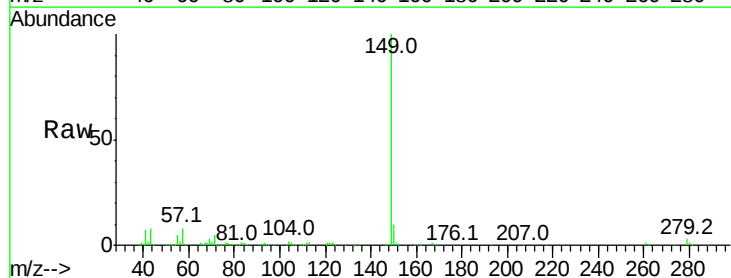


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

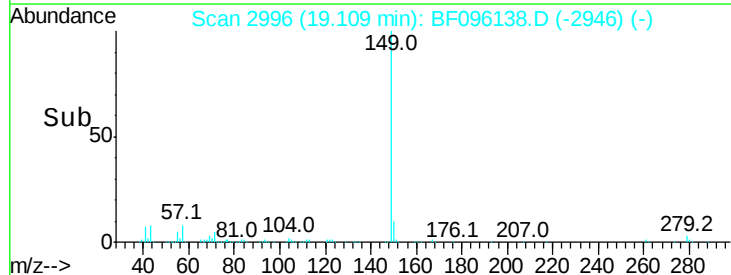
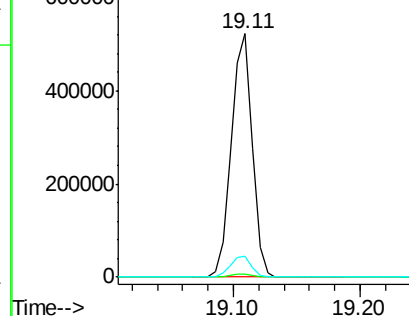


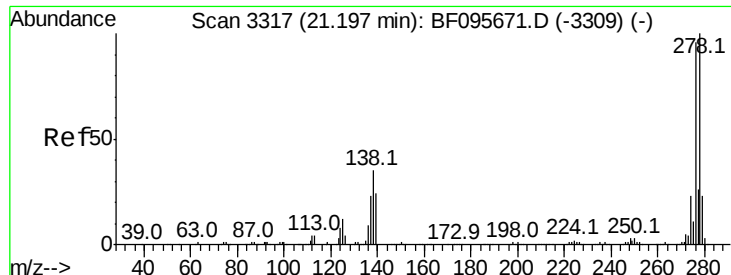
#84
 Di-n-octyl phthalate
 Concen: 42.05 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7



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

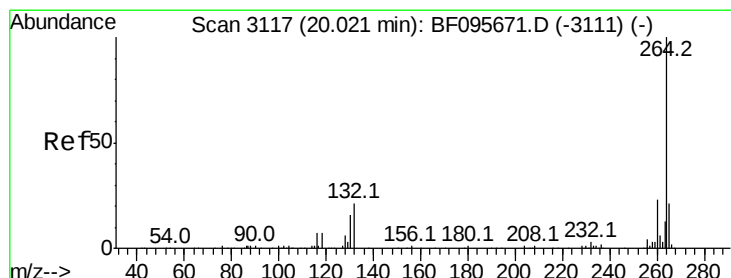
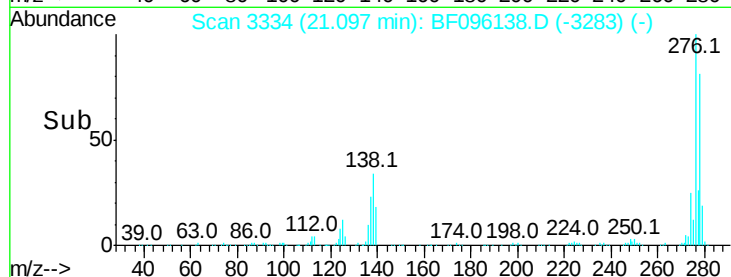
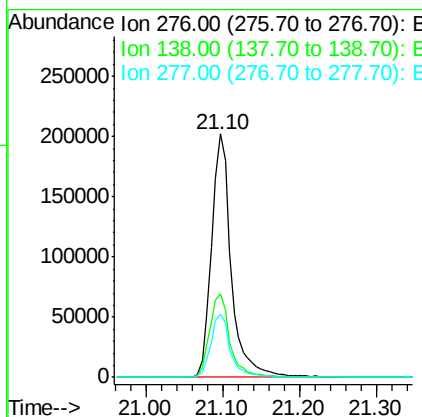
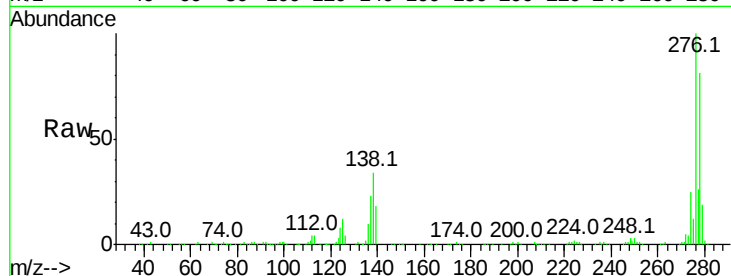




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.55 ng
 RT: 21.10 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

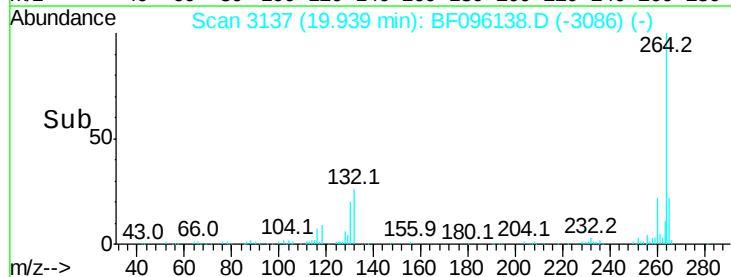
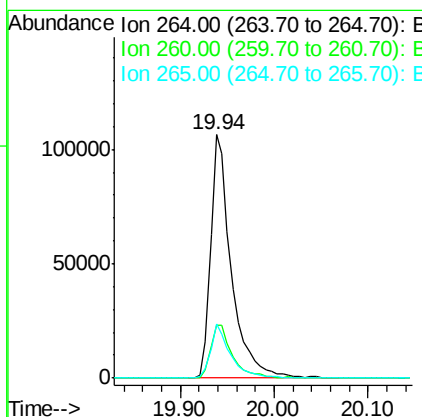
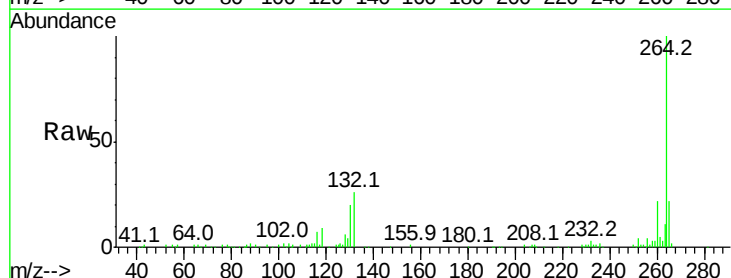
Instrument :
 BNA_F
 ClientSampleId :

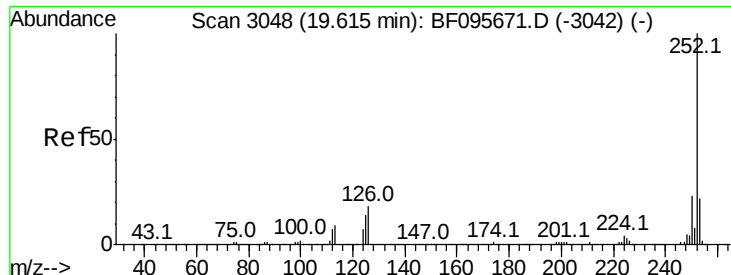
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	26.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BF096138.D
 Acq: 23 Jun 2017 00:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.5	29.3
265	22.0	17.2	25.8

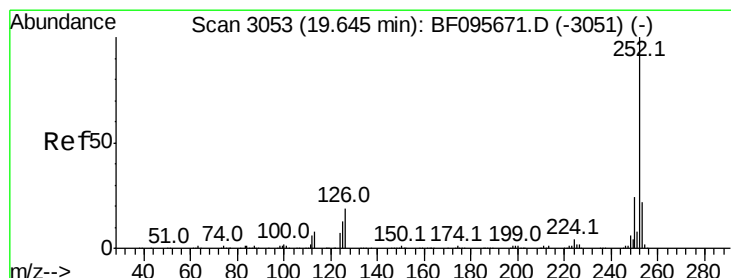
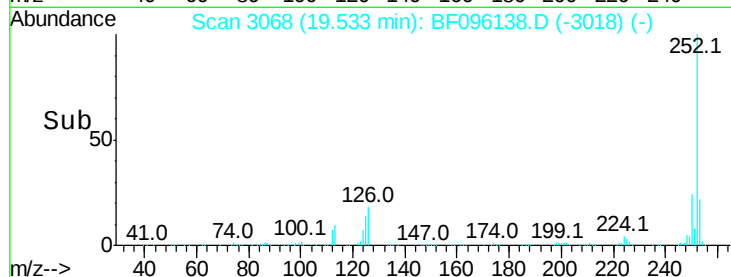
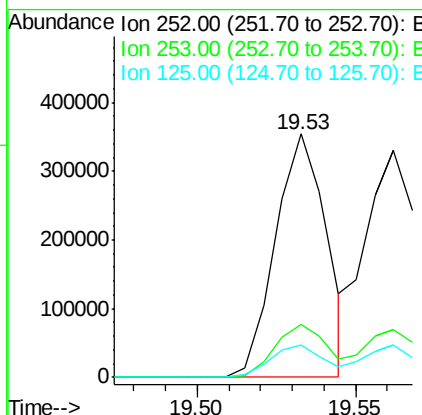
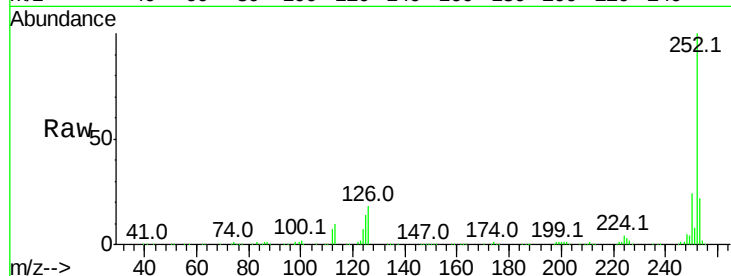




#87
Benzo(b)fluoranthene
Concen: 38.58 ng
RT: 19.53 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

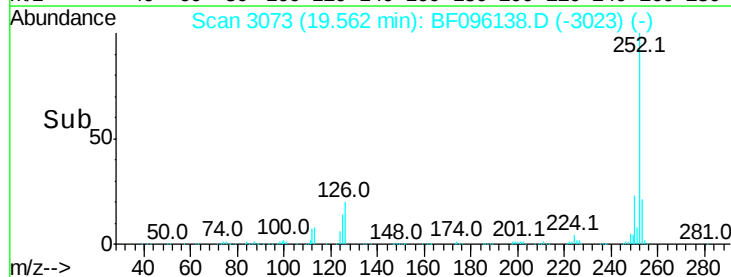
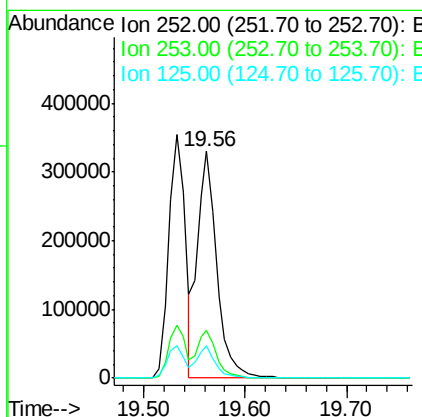
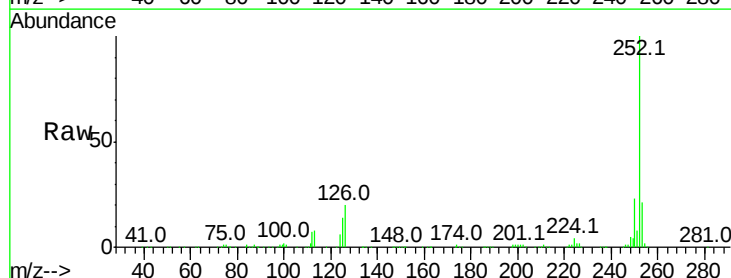
Instrument :
BNA_F
ClientSampled :

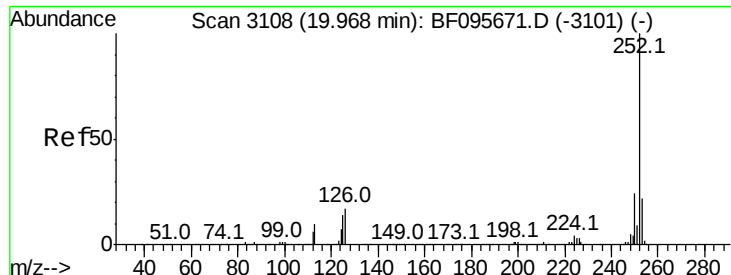
Tot Ion:252 Resp: 398340
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 13.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 44.19 ng
RT: 19.56 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BF096138.D
Acq: 23 Jun 2017 00:24

Tgt Ion:252 Resp: 436129
Ion Ratio Lower Upper
252 100
253 20.9 18.4 27.6
125 14.1 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.15 ng

RT: 19.89 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampleId :

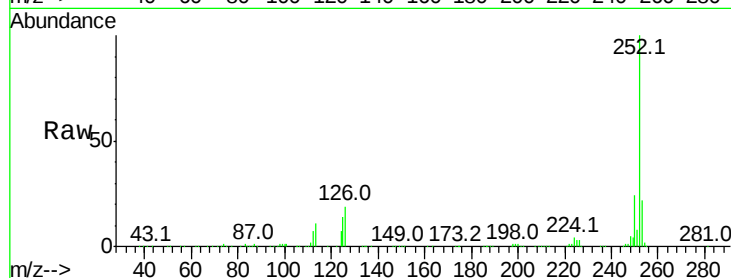
Tot Ion:252 Resp: 390468

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

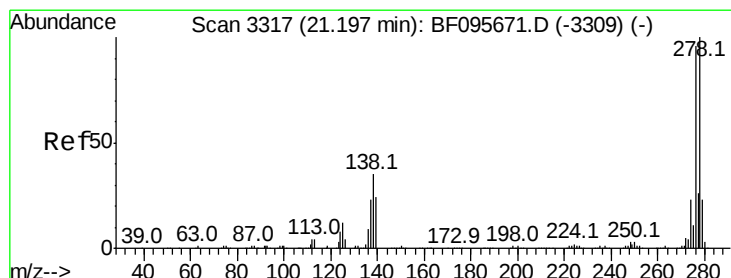
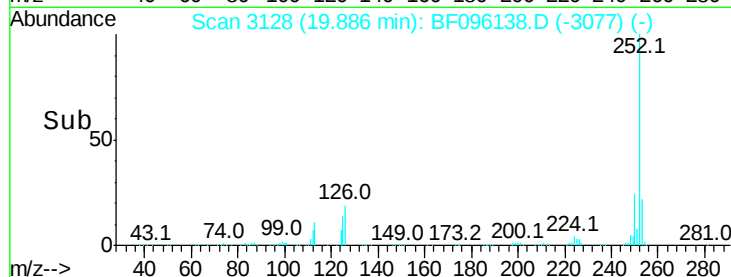
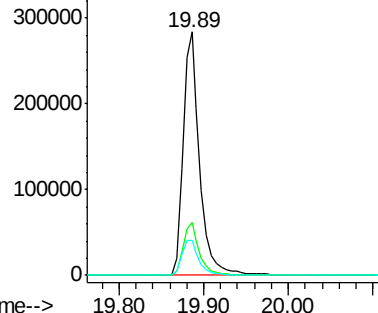
125 14.2 11.0 16.4



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: 38.67 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

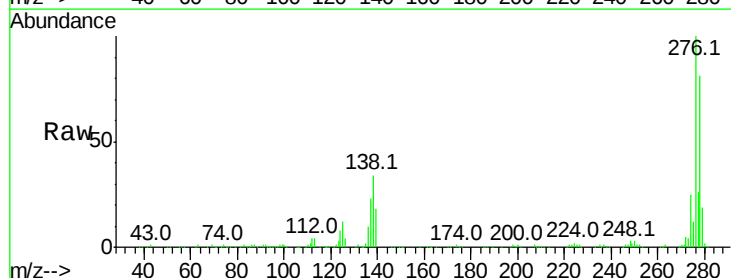
Tgt Ion:278 Resp: 311289

Ion Ratio Lower Upper

278 100

139 21.6 16.6 24.8

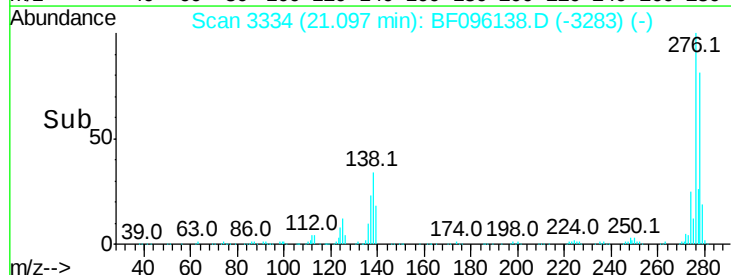
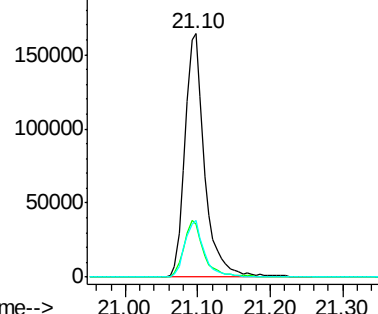
279 23.3 19.3 28.9

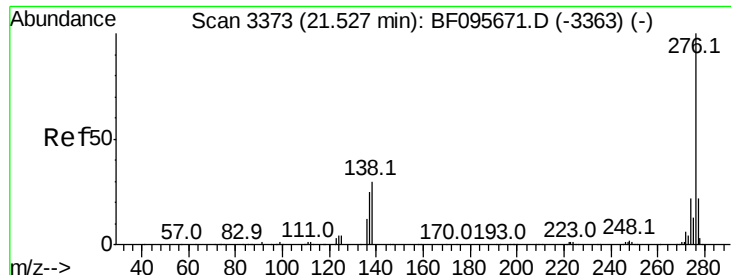


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.03 ng

RT: 21.42 min Scan# 3389

Delta R.T. 0.00 min

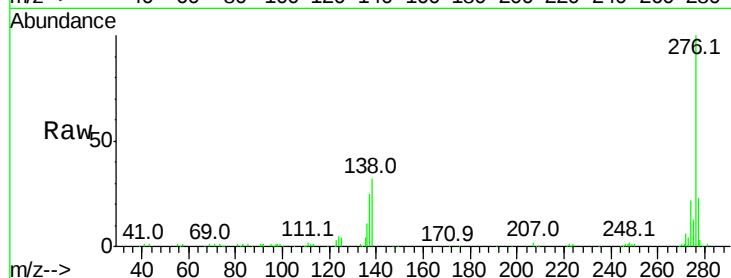
Lab File: BF096138.D

Acq: 23 Jun 2017 00:24

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	295702
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	31.8	25.4	38.0

