

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095951.D
 Acq On : 16 Jun 2017 12:39
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 22:59:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	80481	20.00	ng	0.00
21) Naphthalene-d8	9.36	136	339653	20.00	ng	0.00
38) Acenaphthene-d10	12.18	164	161309	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	297327	20.00	ng	0.00
75) Chrysene-d12	18.30	240	257623	20.00	ng	0.00
86) Perylene-d12	19.96	264	232369	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	446721	88.45	ng	0.00
7) Phenol-d6	6.91	99	520411	86.07	ng	0.00
23) Nitrobenzene-d5	8.25	82	451624	82.58	ng	0.00
41) 2,4,6-Tribromophenol	13.48	330	120666	84.55	ng	0.00
44) 2-Fluorobiphenyl	11.14	172	884721	76.32	ng	0.00
78) Terphenyl-d14	16.95	244	811122	78.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.63	88	94972	39.53	ng	92
3) Pyridine	2.17	79	238277	42.19	ng	96
4) n-Nitrosodimethylamine	2.15	42	89343	41.61	ng	86
6) Aniline	6.82	93	327662	41.42	ng	95
8) 2-Chlorophenol	7.02	128	227162	42.30	ng	97
9) Benzaldehyde	6.63	77	152025	37.27	ng	99
10) Phenol	6.93	94	280154	44.66	ng	88
11) bis(2-Chloroethyl)ether	6.97	93	222245	44.73	ng	96
12) 1,3-Dichlorobenzene	7.22	146	253598	41.72	ng	98
13) 1,4-Dichlorobenzene	7.35	146	258235	41.89	ng	98
14) 1,2-Dichlorobenzene	7.59	146	245224	43.15	ng	95
15) Benzyl Alcohol	7.64	79	181620	43.76	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.83	45	294863	42.24	ng	97
17) 2-Methylphenol	7.87	107	196085	43.51	ng	92
18) Hexachloroethane	8.10	117	88024	43.24	ng	# 87
19) n-Nitroso-di-n-propylamine	8.07	70	166938	43.57	ng	95
20) 3+4-Methylphenols	8.13	107	258903	45.26	ng	# 58
22) Acetophenone	8.02	105	329432	41.44	ng	# 84
24) Nitrobenzene	8.28	77	243728	41.72	ng	94
25) Isophorone	8.69	82	412188	40.36	ng	# 93
26) 2-Nitrophenol	8.79	139	130807	42.76	ng	98
27) 2,4-Dimethylphenol	8.95	122	196237	41.33	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	273298	40.60	ng	99
29) 2,4-Dichlorophenol	9.22	162	196531	42.98	ng	99
30) 1,2,4-Trichlorobenzene	9.29	180	195859	41.17	ng	99
31) Naphthalene	9.39	128	694922	40.77	ng	99
32) Benzoic acid	9.34	122	116844	40.30	ng	95
33) 4-Chloroaniline	9.55	127	280493	42.10	ng	# 93
34) Hexachlorobutadiene	9.61	225	99773	40.59	ng	98
35) Caprolactam	10.20	113	63809	46.90	ng	# 84
36) 4-Chloro-3-methylphenol	10.43	107	202149	42.23	ng	89
37) 2-Methylnaphthalene	10.52	142	475311	41.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	188949	39.14	ng	99
40) Hexachlorocyclopentadiene	10.77	237	46157	37.46	ng	99

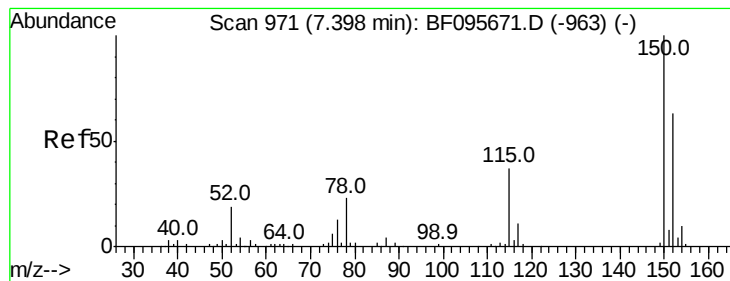
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095951.D
 Acq On : 16 Jun 2017 12:39
 Operator : SJ/MA
 Sample : SSTDC0040
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	127759	41.16	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	128377	38.88	nq	93
45) 1,1'-Biphenyl	11.29	154	521071	39.19	nq	97
46) 2-Chloronaphthalene	11.30	162	406925	39.17	nq	94
47) 2-Nitroaniline	11.53	65	124484	40.95	nq	# 78
48) Acenaphthylene	11.95	152	682695	38.43	nq	98
49) Dimethylphthalate	11.85	163	482814	39.42	nq	99
50) 2,6-Dinitrotoluene	11.94	165	105198	39.38	nq	# 69
51) Acenaphthene	12.23	154	402020	39.19	nq	98
52) 3-Nitroaniline	12.21	138	129395	41.57	nq	91
53) 2,4-Dinitrophenol	12.44	184	50370	37.08	nq	# 61
54) Dibenzofuran	12.52	168	578302	40.05	nq	97
55) 4-Nitrophenol	12.65	139	57315	34.34	nq	# 79
56) 2,4-Dinitrotoluene	12.62	165	154646	42.86	nq	92
57) Fluorene	13.07	166	504674	40.16	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	90063	39.87	nq	# 98
59) Diethylphthalate	12.99	149	476182	40.40	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	217374	39.78	nq	88
61) 4-Nitroaniline	13.22	138	125354	43.14	nq	95
62) Azobenzene	13.36	77	424006	39.69	nq	95
64) 4,6-Dinitro-2-methylphenol	13.29	198	81916	41.91	nq	# 70
65) n-Nitrosodiphenylamine	13.32	169	420515	39.36	nq	99
66) 4-Bromophenyl-phenylether	13.88	248	122863	39.76	nq	99
67) Hexachlorobenzene	13.97	284	124185	40.78	nq	# 89
68) Atrazine	14.24	200	122814	41.30	nq	96
69) Pentachlorophenol	14.34	266	42065	40.03	nq	91
70) Phenanthrene	14.61	178	691541	40.31	nq	98
71) Anthracene	14.70	178	713349	39.83	nq	98
72) Carbazole	15.00	167	743315	42.59	nq	97
73) Di-n-butylphthalate	15.59	149	778766	41.94	nq	98
74) Fluoranthene	16.39	202	732714	43.15	nq	99
76) Benzidine	16.62	184	361447	36.53	nq	# 92
77) Pyrene	16.70	202	753873	39.22	nq	99
79) Butylbenzylphthalate	17.62	149	337918	40.25	nq	# 85
80) Benzo(a)anthracene	18.29	228	602013	40.19	nq	98
81) 3,3'-Dichlorobenzidine	18.27	252	220349	41.38	nq	# 95
82) Chrysene	18.33	228	599580	40.06	nq	99
83) Bis(2-ethylhexyl)phthalate	18.37	149	476008	40.20	nq	100
84) Di-n-octyl phthalate	19.14	149	779252	39.93	nq	96
85) Indeno(1,2,3-cd)pyrene	21.13	276	481548	37.60	nq	99
87) Benzo(b)fluoranthene	19.56	252	612770	42.11	nq	98
88) Benzo(k)fluoranthene	19.56	252	612770	44.06	nq	96
89) Benzo(a)pyrene	19.91	252	535462	40.04	nq	99
90) Dibenzo(a,h)anthracene	21.13	278	408354	36.00	nq	98
91) Benzo(g,h,i)perylene	21.44	276	417389	36.09	nq	98

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

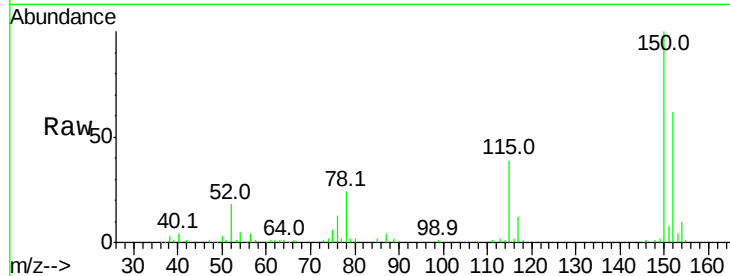


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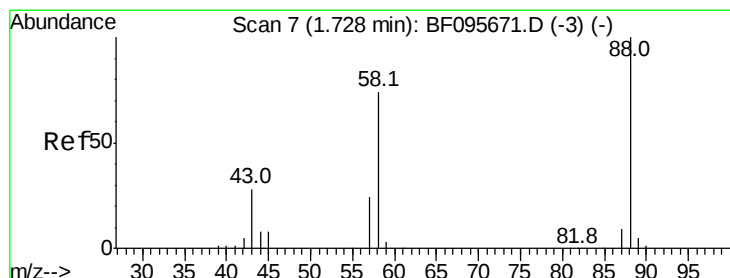
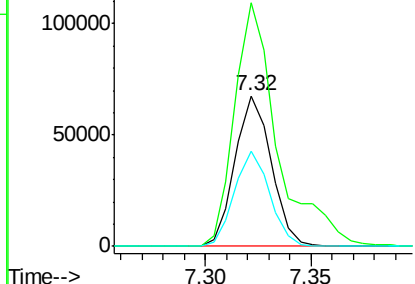
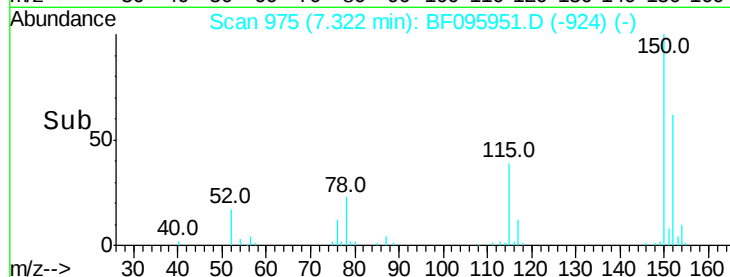
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 80481
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 63.0 52.2 78.2



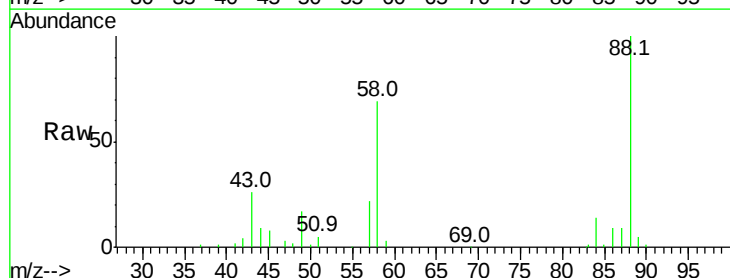
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



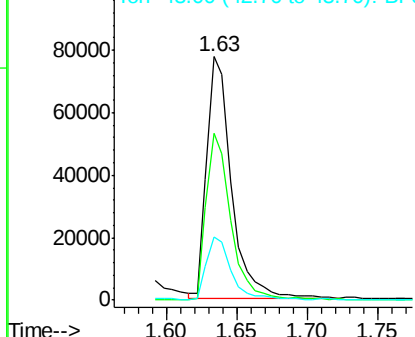
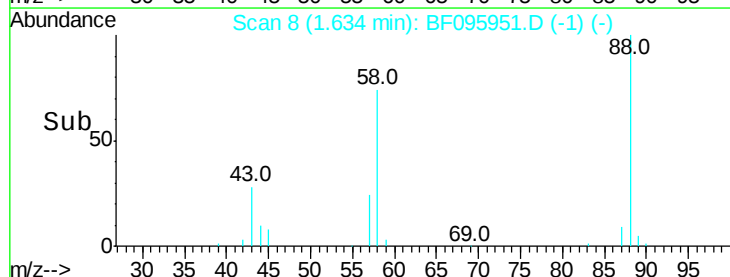
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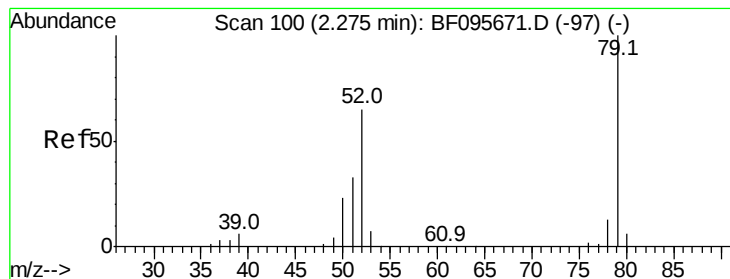
1,4-Dioxane
Concen: 39.53 ng
RT: 1.63 min Scan# 8
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion: 88 Resp: 94972
Ion Ratio Lower Upper
88 100
58 68.9 61.4 92.0
43 26.4 23.4 35.0



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





#3

Pvridine

Concen: 42.19 ng

RT: 2.17 min Scan# 99

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

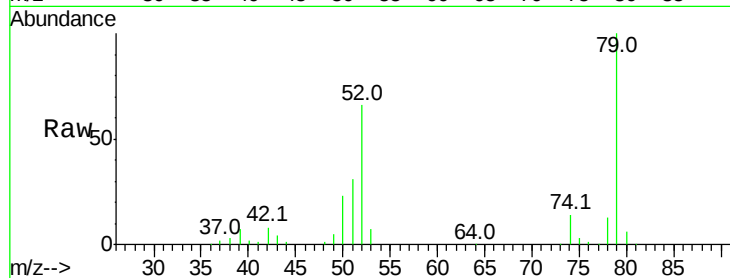
Tot Ion: 79 Resp: 238277

Ion Ratio Lower Upper

79 100

52 66.0 54.8 82.2

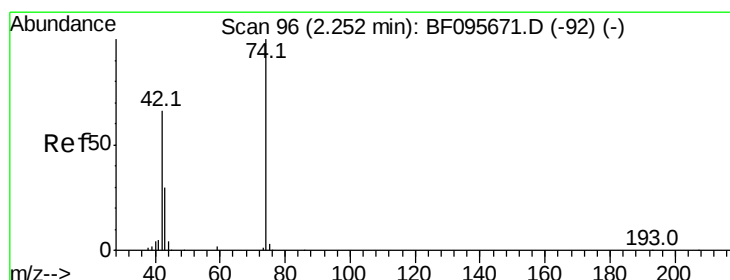
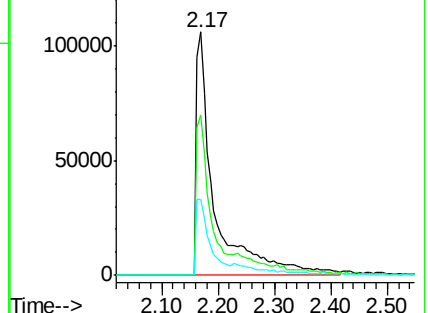
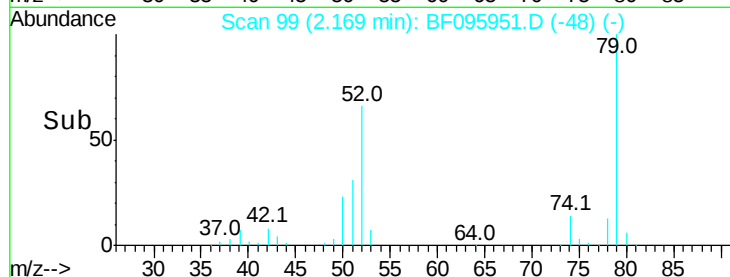
51 31.2 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.61 ng

RT: 2.15 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

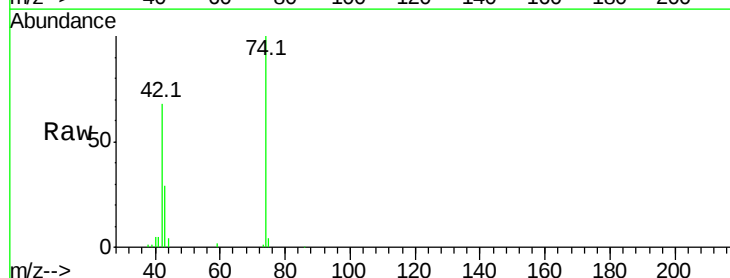
Tgt Ion: 42 Resp: 89343

Ion Ratio Lower Upper

42 100

74 147.1 103.9 155.9

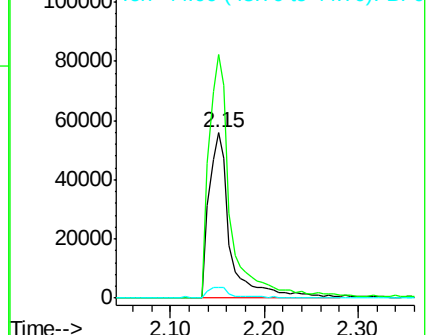
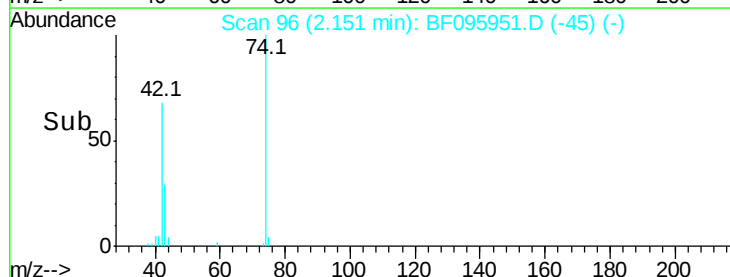
44 6.4 5.7 8.5

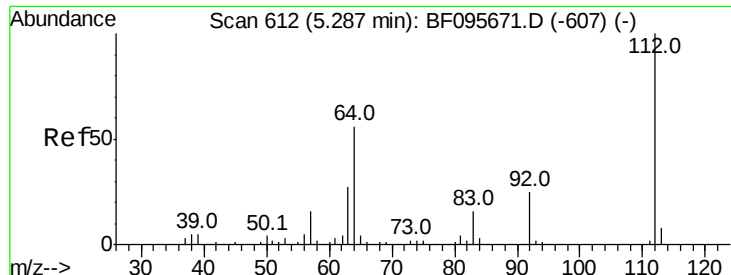


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

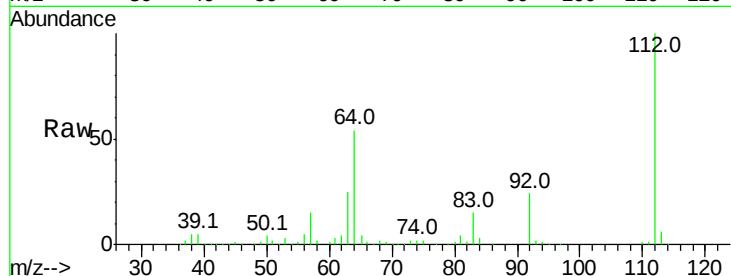




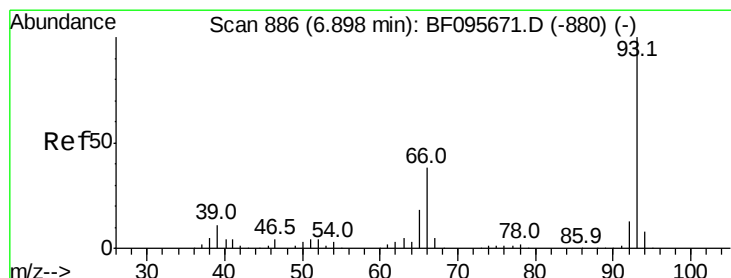
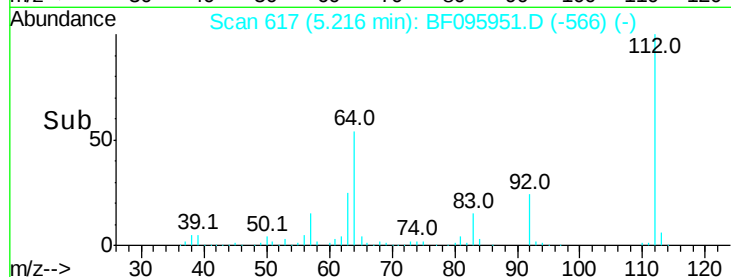
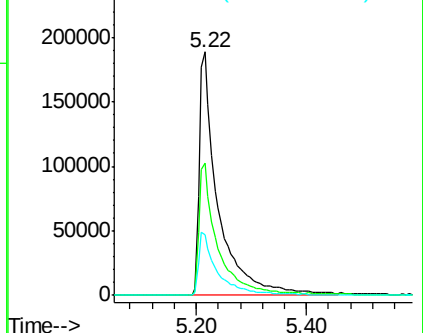
#5
2-Fluorophenol
Concen: 88.45 ng
RT: 5.22 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 446721
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 25.0 23.4 35.0

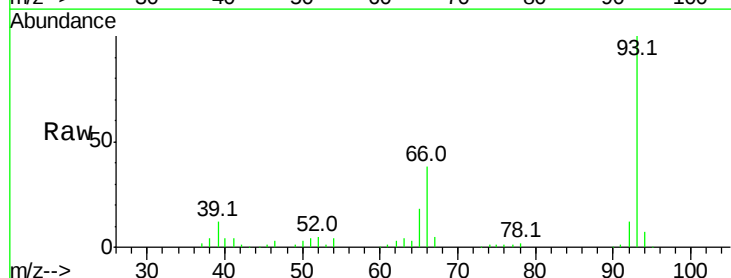


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

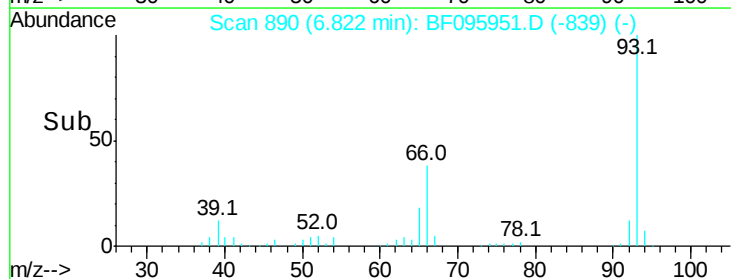
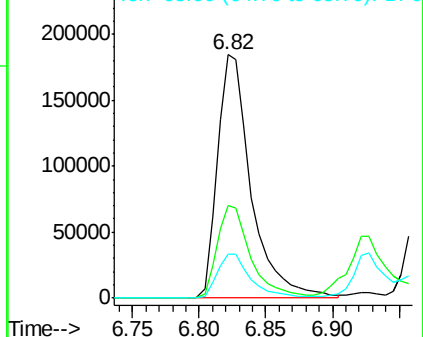


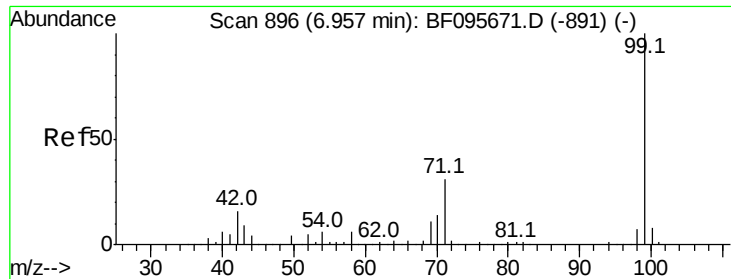
#6
Aniline
Concen: 41.42 ng
RT: 6.82 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion: 93 Resp: 327662
Ion Ratio Lower Upper
93 100
66 37.8 32.9 49.3
65 18.1 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.07 ng

RT: 6.91 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

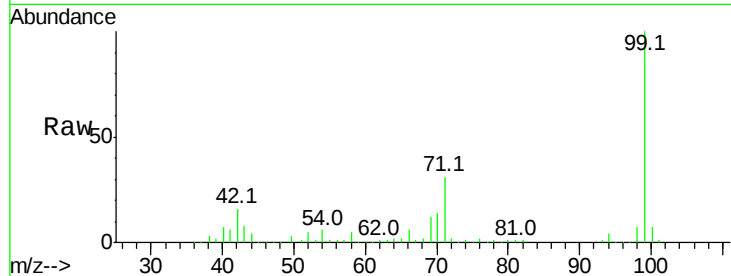
Tot Ion: 99 Resp: 520411

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

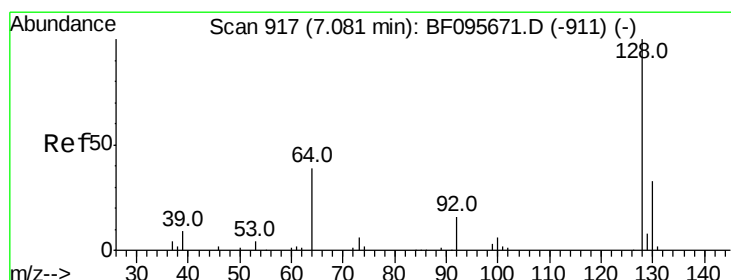
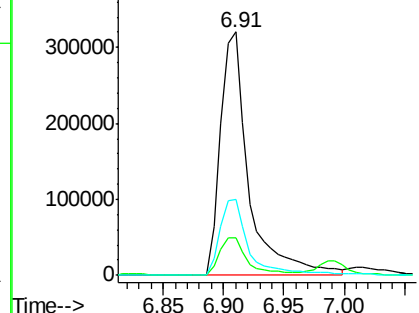
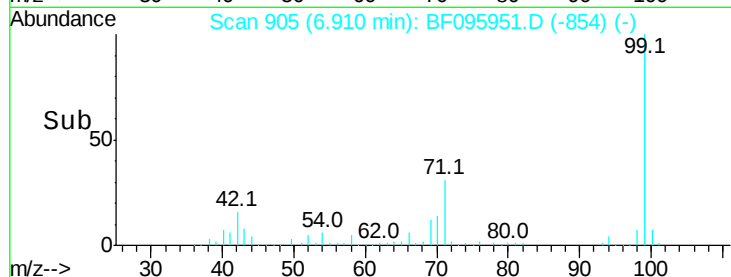
71 31.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.30 ng

RT: 7.02 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

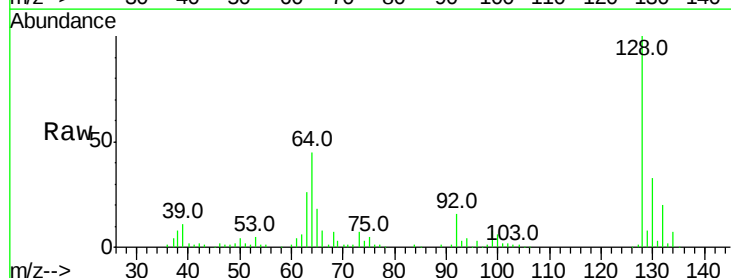
Tgt Ion: 128 Resp: 227162

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

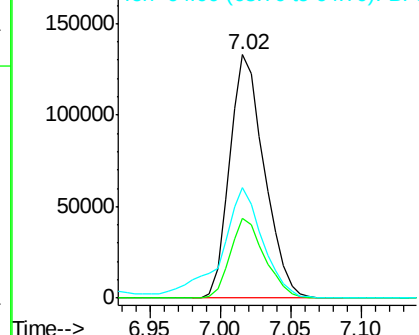
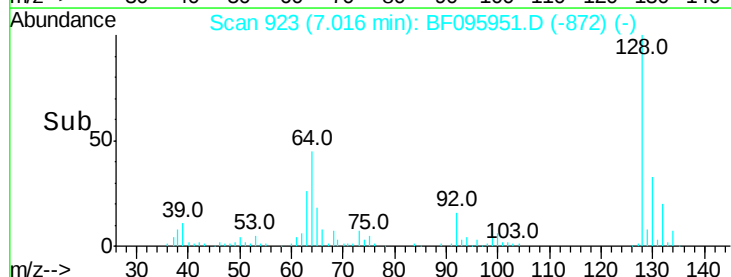
64 45.5 28.4 68.4

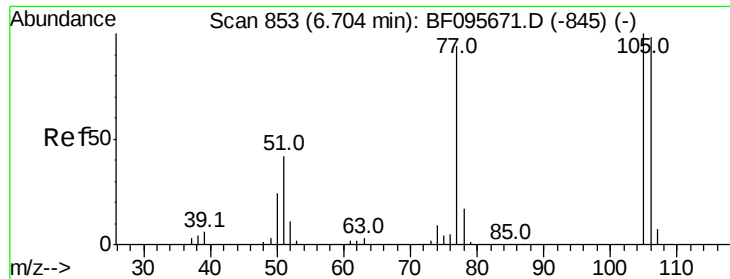


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.27 ng

RT: 6.63 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

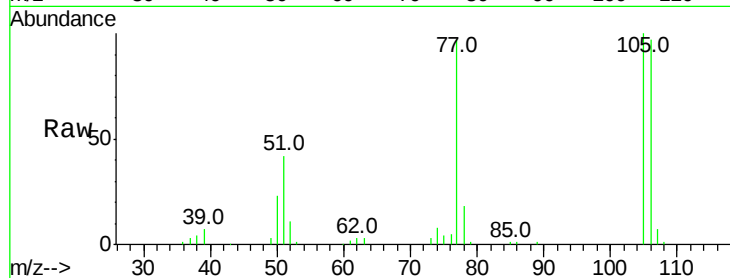
Tot Ion: 77 Resp: 152025

Ion Ratio Lower Upper

77 100

105 102.7 83.8 123.8

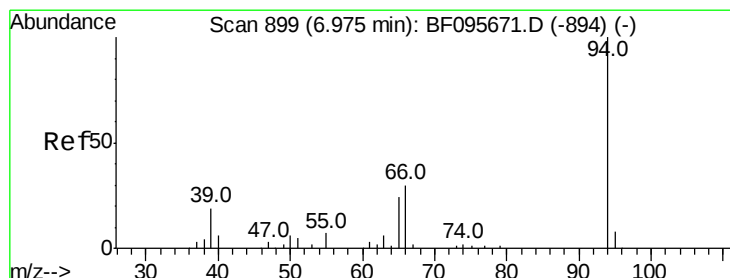
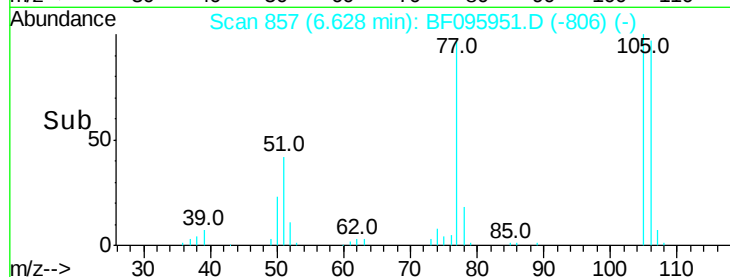
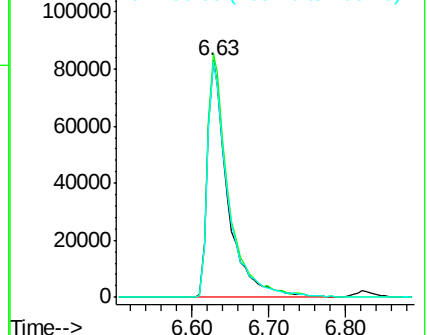
106 99.7 79.1 119.1



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: 44.66 ng

RT: 6.93 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

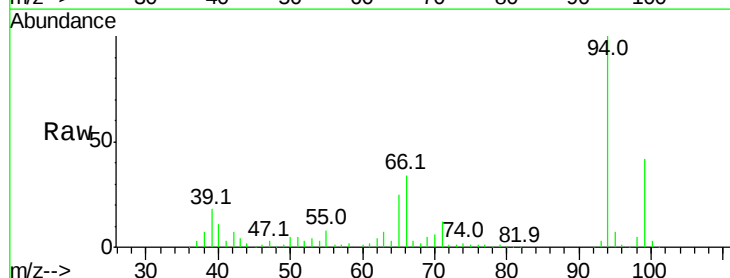
Tgt Ion: 94 Resp: 280154

Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

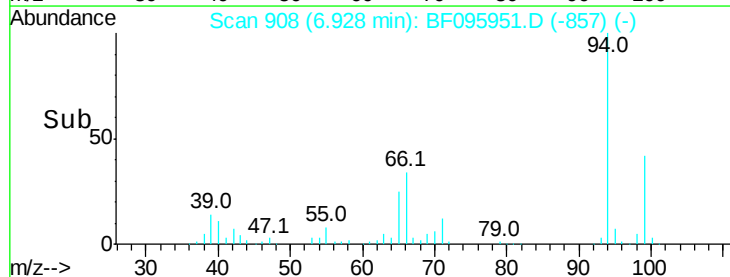
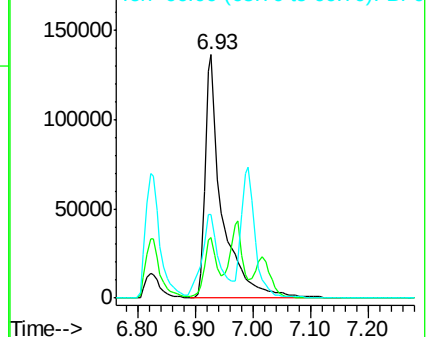
66 34.1 23.1 63.1

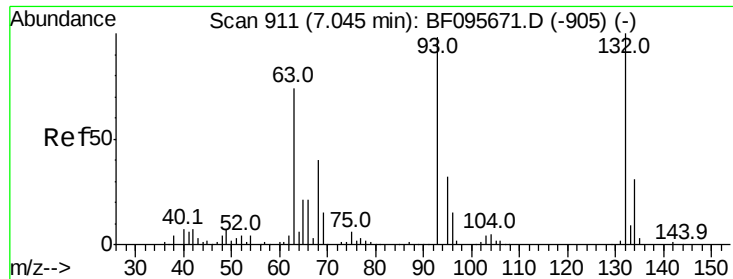


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.73 ng

RT: 6.97 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

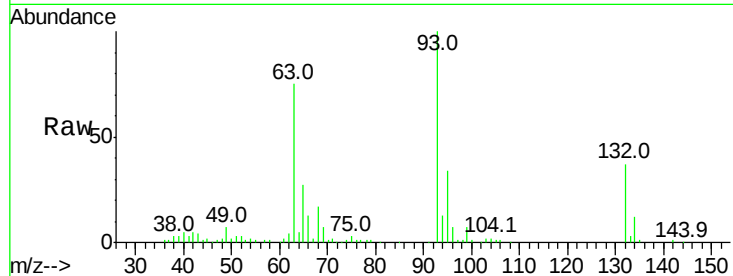
Tot Ion: 93 Resp: 222245

Ion Ratio Lower Upper

93 100

63 74.5 59.2 99.2

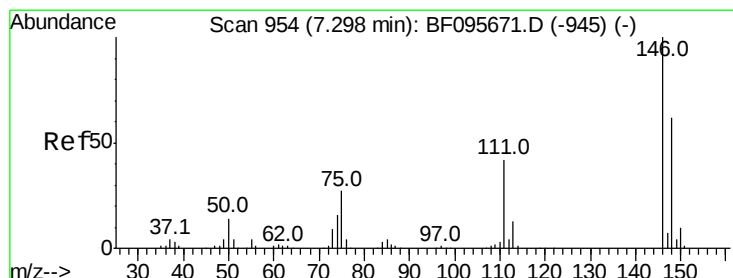
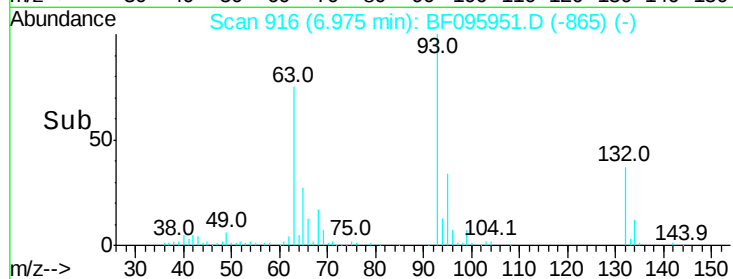
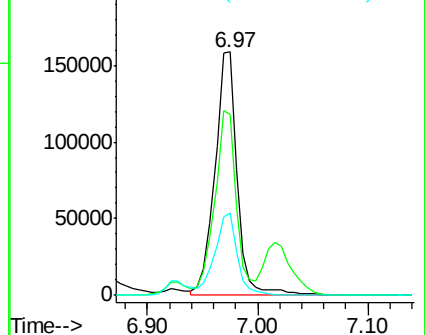
95 33.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.72 ng

RT: 7.22 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

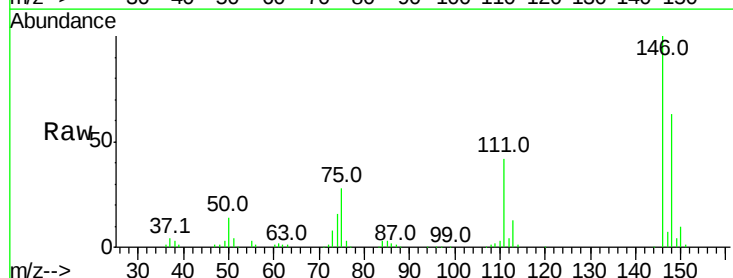
Tgt Ion: 146 Resp: 253598

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

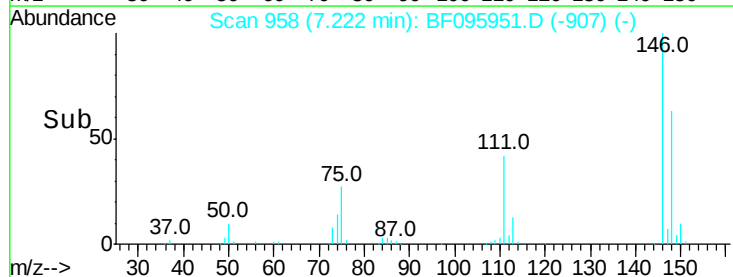
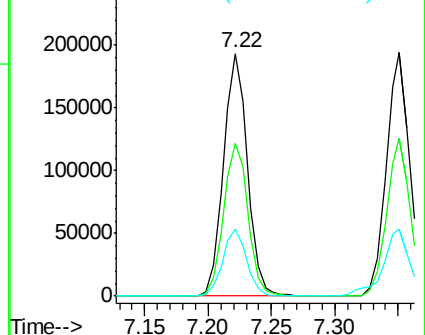
75 27.6 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

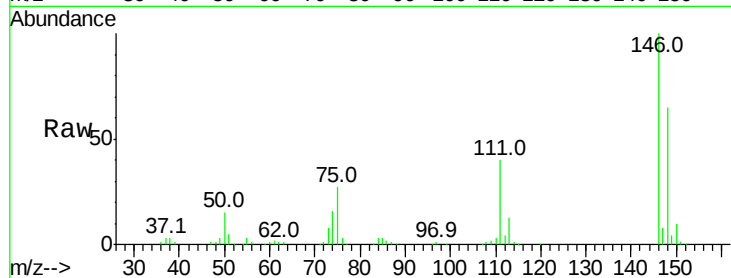




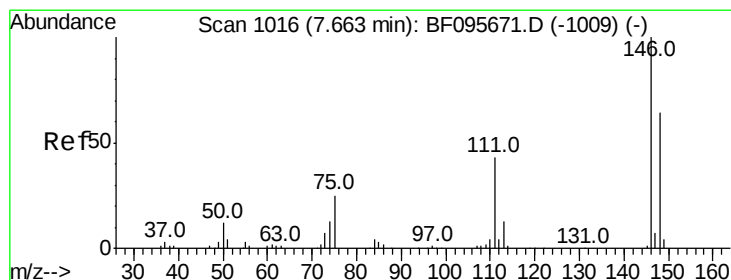
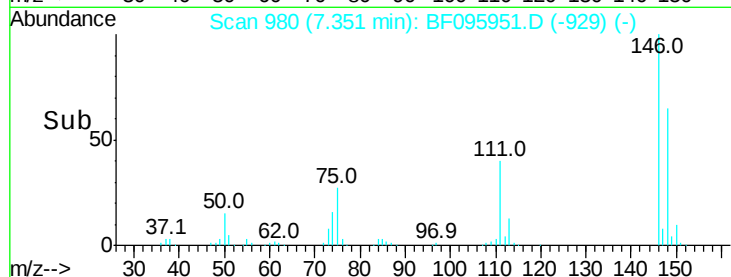
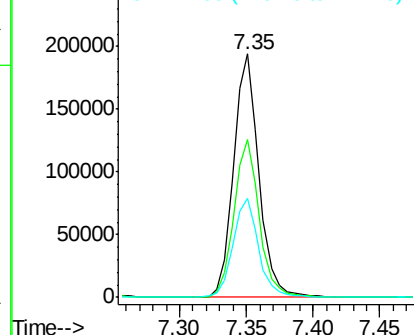
#13
 1,4-Dichlorobenzene
 Concen: 41.89 ng
 RT: 7.35 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 258235
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 40.4 30.3 45.5

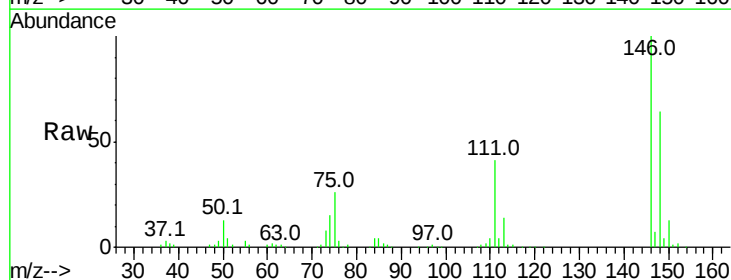


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

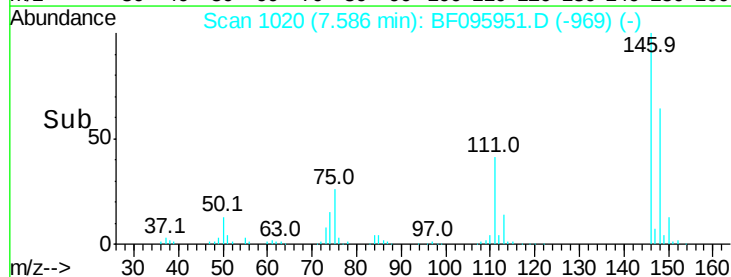
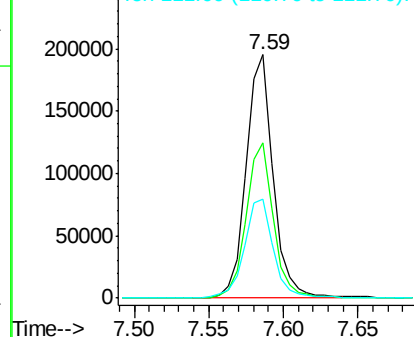


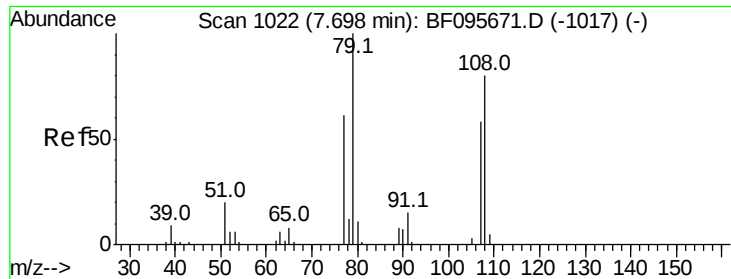
#14
 1,2-Dichlorobenzene
 Concen: 43.15 ng
 RT: 7.59 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion:146 Resp: 245224
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 40.9 38.2 57.4



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

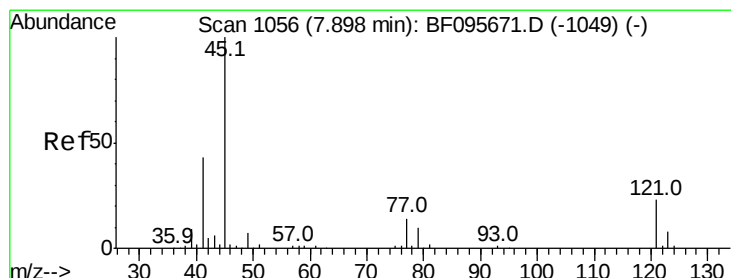
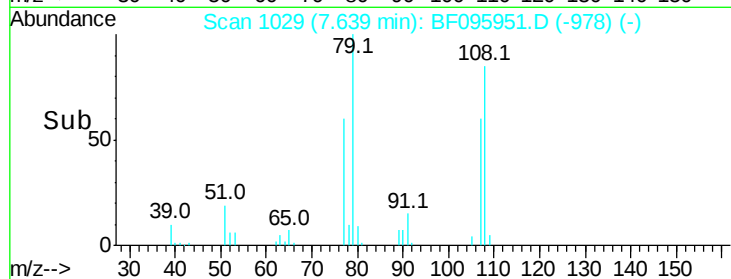
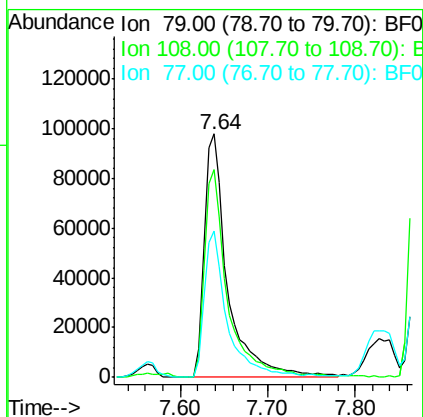
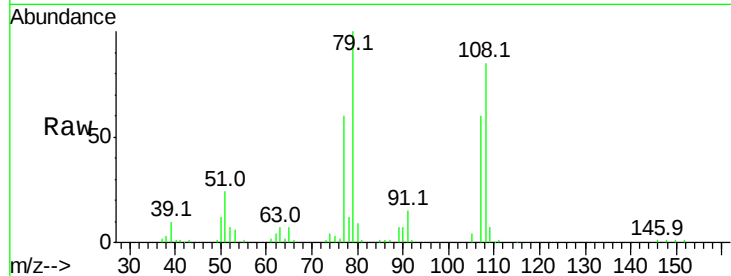




#15
Benzyl Alcohol
Concen: 43.76 ng
RT: 7.64 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

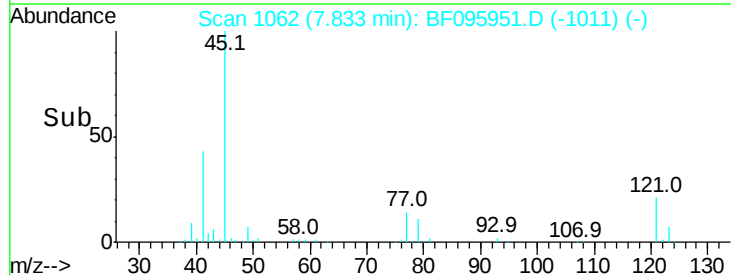
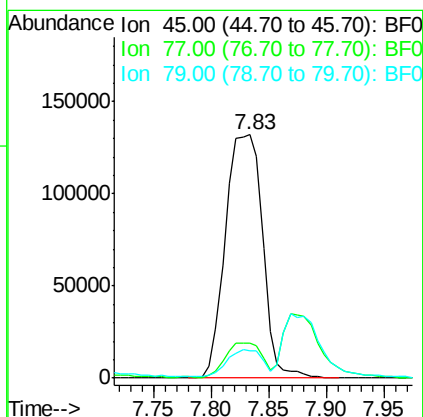
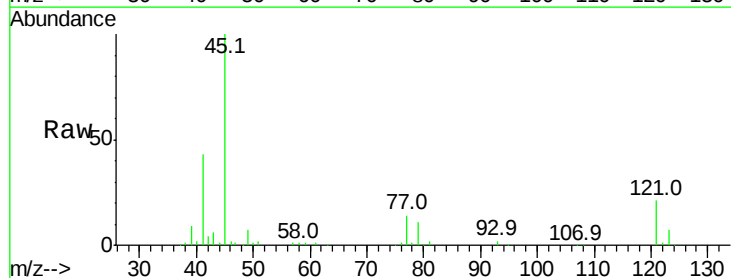
Instrument :
BNA_F
ClientSampled :

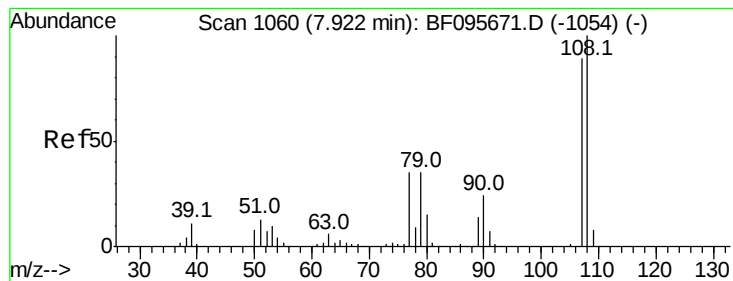
Tot Ion	Ratio	Lower	Upper
79	100		
108	85.2	63.4	95.0
77	60.2	49.2	73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.24 ng
RT: 7.83 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.2
79	11.0	0.0	30.0

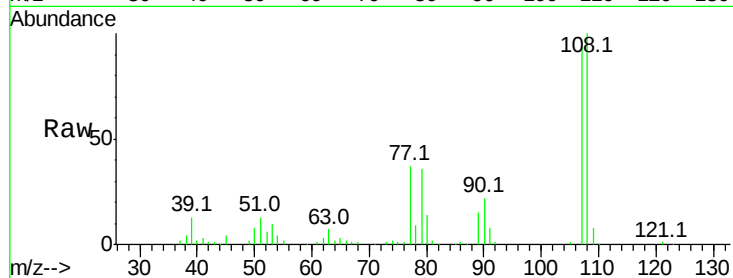




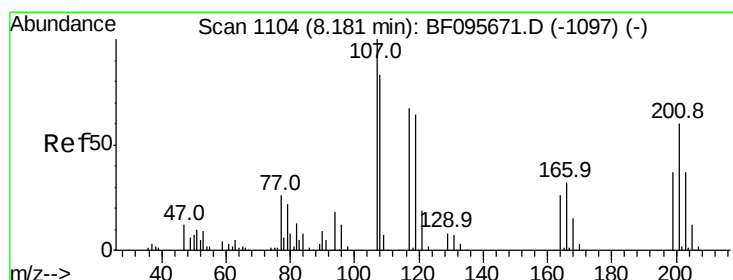
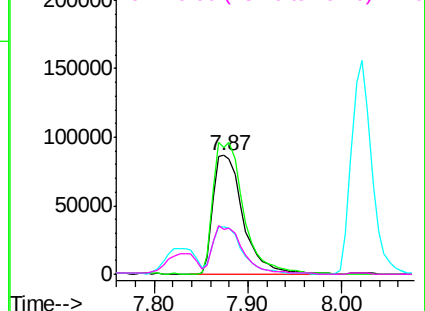
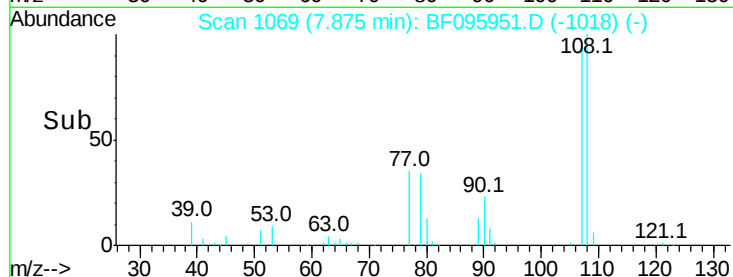
#17
2-Methylphenol
Concen: 43.51 ng
RT: 7.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 196085
Ion Ratio Lower Upper
107 100
108 107.3 93.4 140.0
77 39.6 35.8 53.6
79 38.3 34.8 52.2

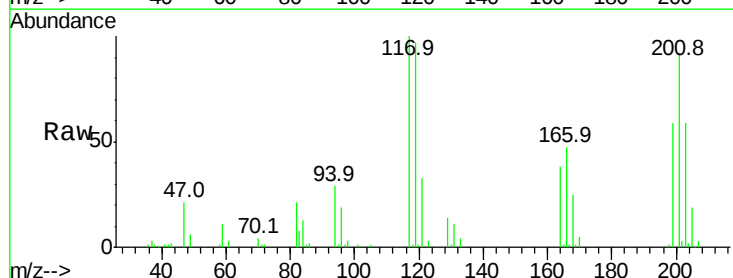


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

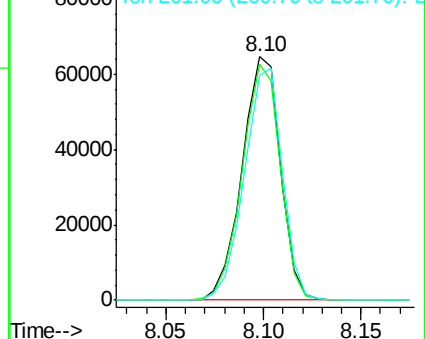
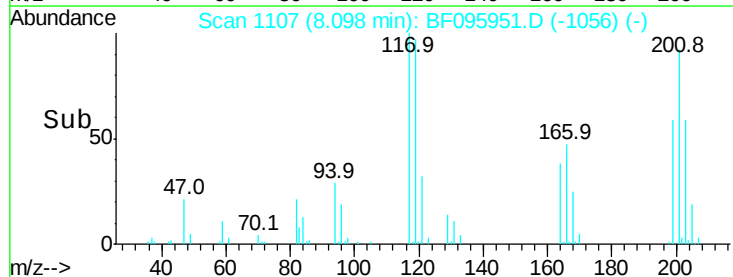


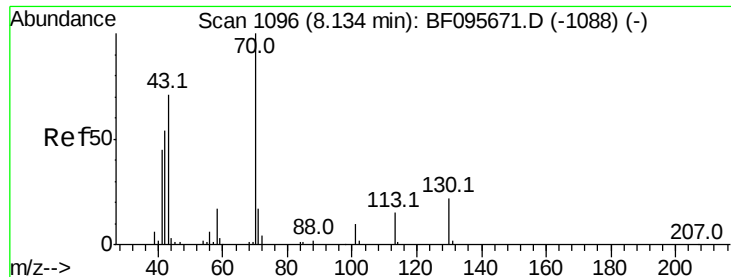
#18
Hexachloroethane
Concen: 43.24 ng
RT: 8.10 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:117 Resp: 88024
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 92.0 94.6 141.8#



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

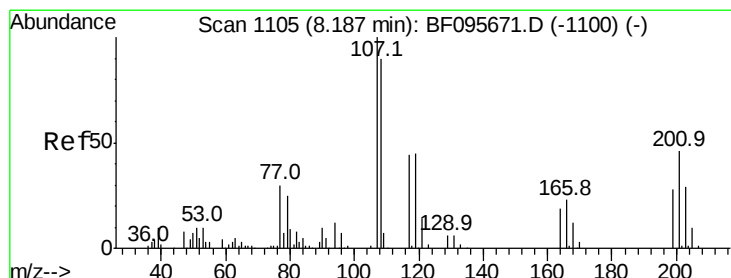
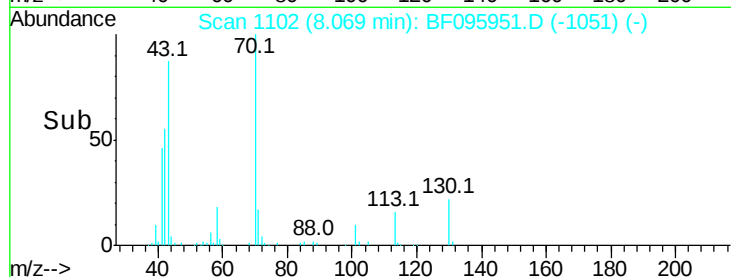
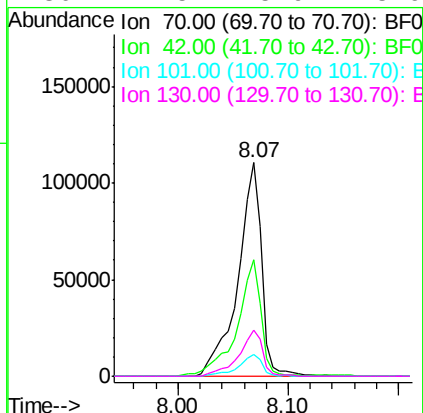
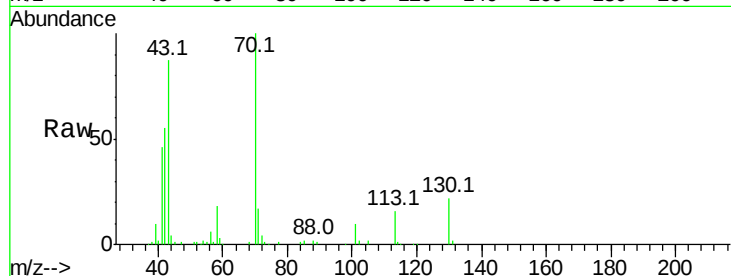




#19
n-Nitroso-di-n-propylamine
Concen: 43.57 ng
RT: 8.07 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

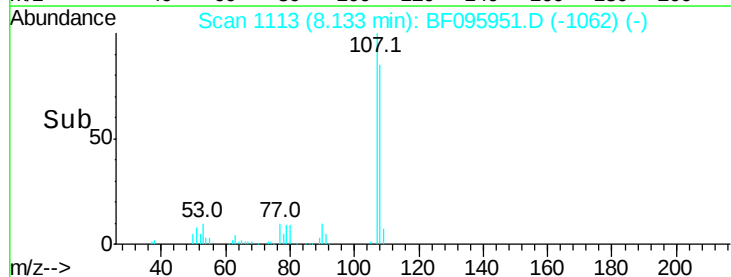
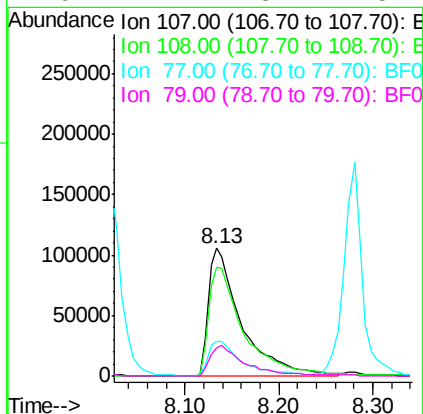
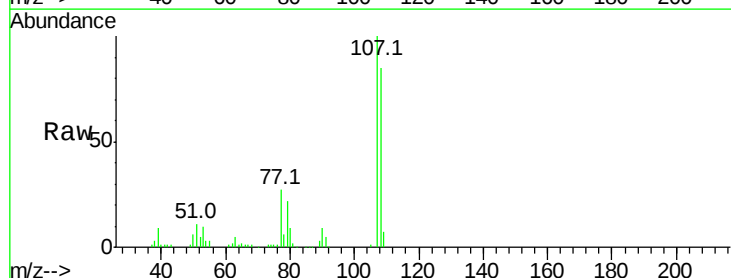
Instrument :
BNA_F
ClientSampleId :

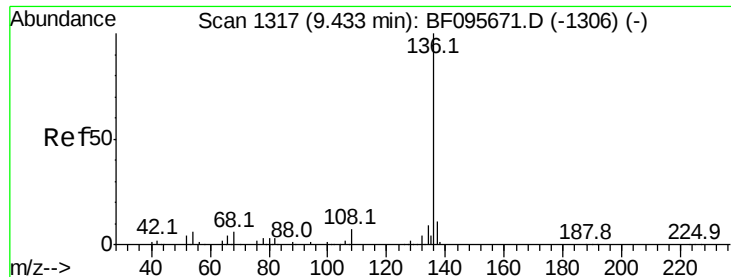
Tot Ion: 70 Resp: 166938
Ion Ratio Lower Upper
70 100
42 54.8 47.2 70.8
101 10.1 7.2 10.8
130 21.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.26 ng
RT: 8.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:107 Resp: 258903
Ion Ratio Lower Upper
107 100
108 85.1 71.0 111.0
77 27.5 90.5 130.5#
79 22.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.36 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 339653

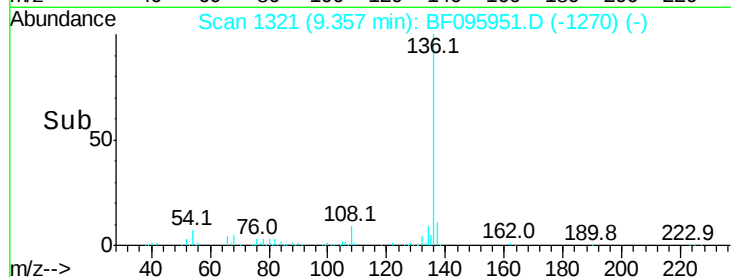
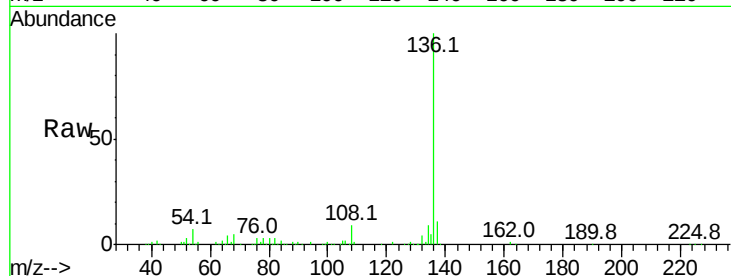
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

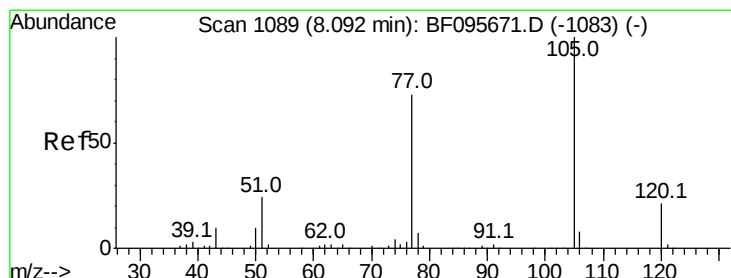
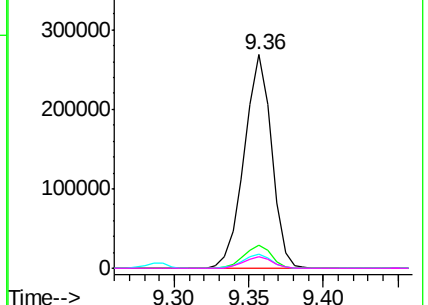


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.44 ng

RT: 8.02 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Tgt Ion:105 Resp: 329432

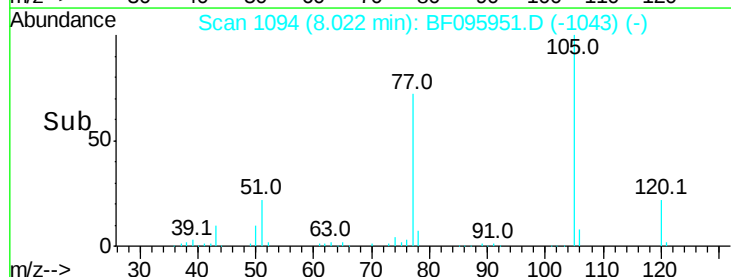
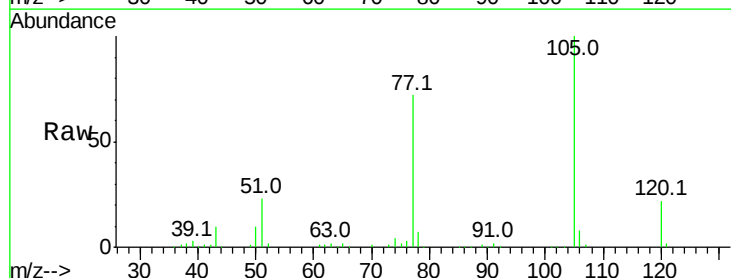
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.6 30.7 46.1#

120 21.6 17.4 26.0

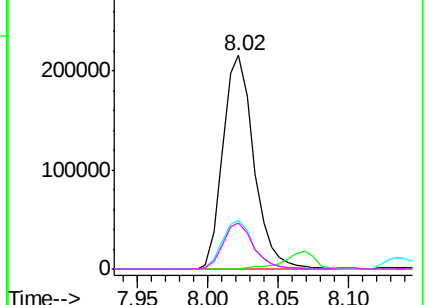


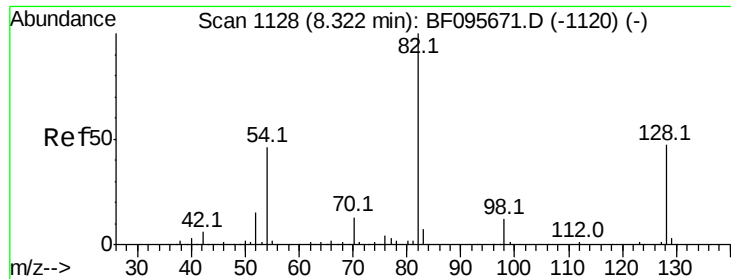
Abundance Ion 105.00 (104.70 to 105.70): E

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

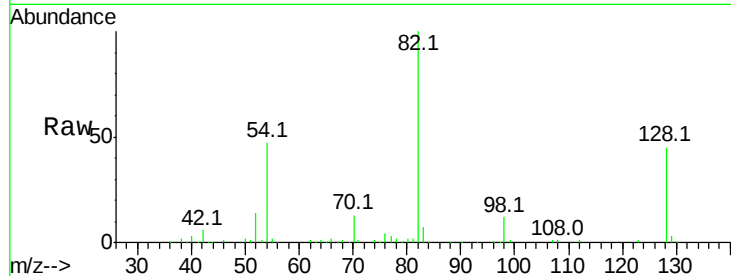




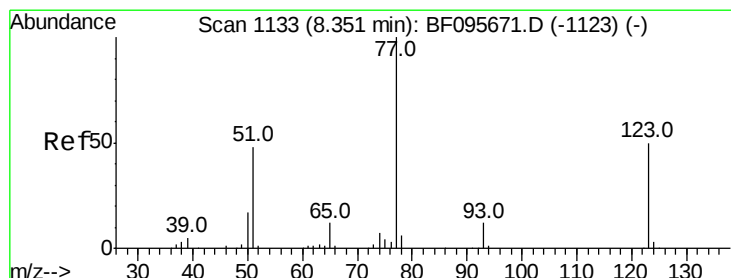
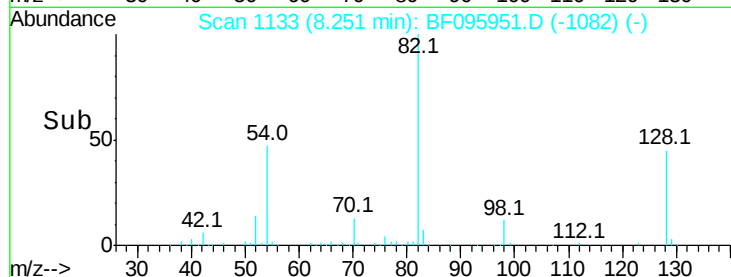
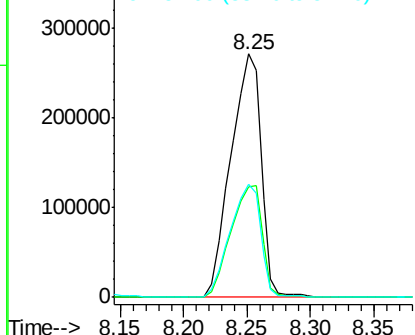
#23
 Nitrobenzene-d5
 Concen: 82.58 ng
 RT: 8.25 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 451624
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.0 51.0
 54 46.7 42.2 63.2

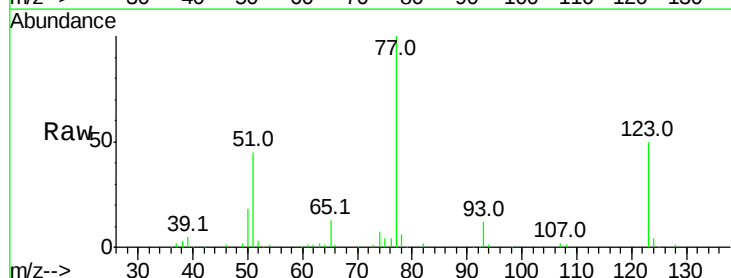


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

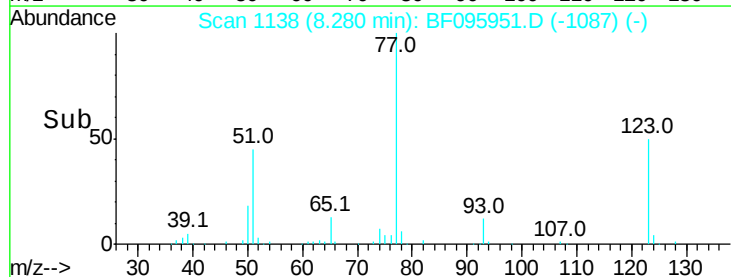
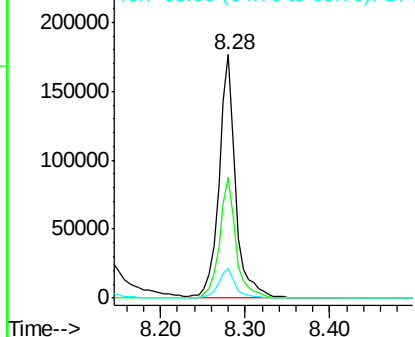


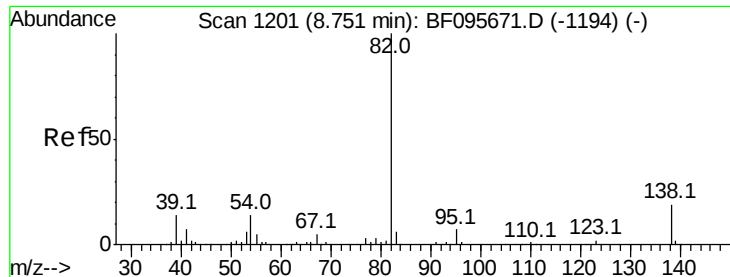
#24
 Nitrobenzene
 Concen: 41.72 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion: 77 Resp: 243728
 Ion Ratio Lower Upper
 77 100
 123 49.5 35.8 53.8
 65 12.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.36 ng

RT: 8.69 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

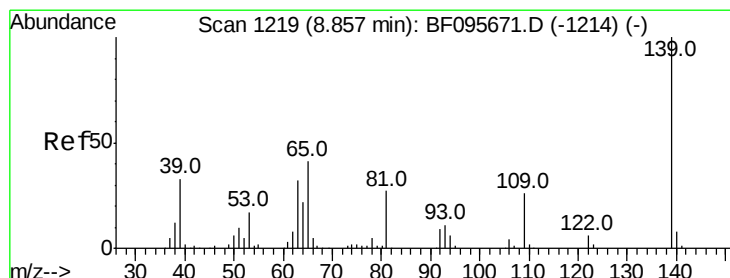
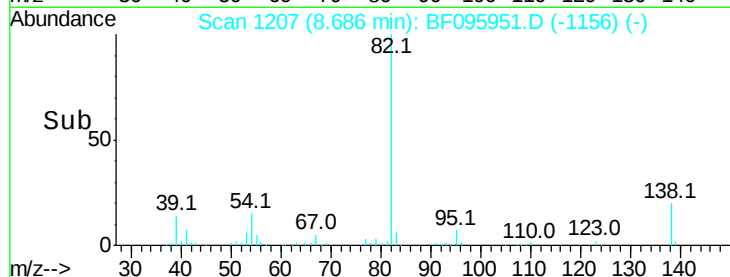
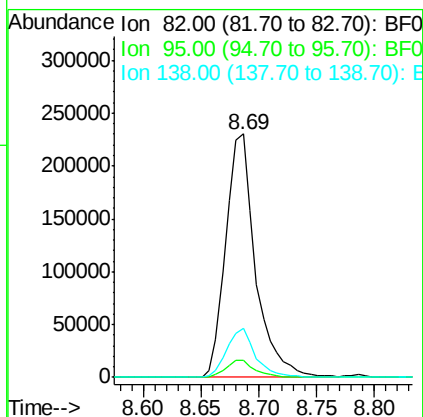
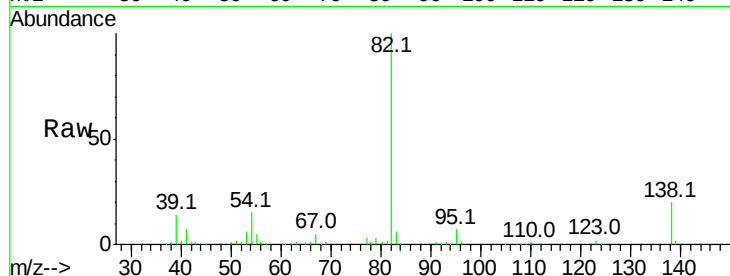
Tot Ion: 82 Resp: 412188

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 20.4 13.1 19.7#



#26

2-Nitrophenol

Concen: 42.76 ng

RT: 8.79 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

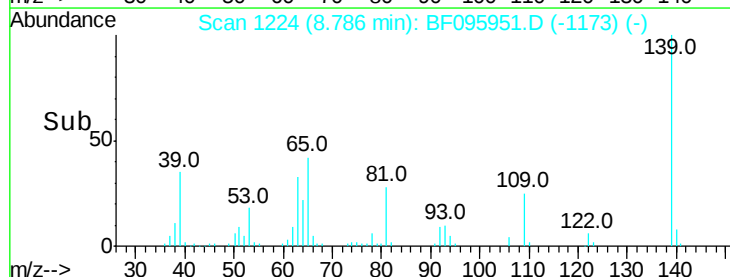
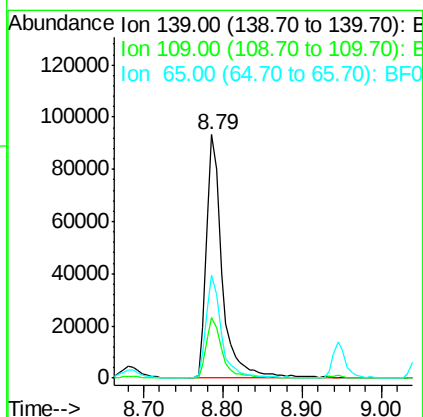
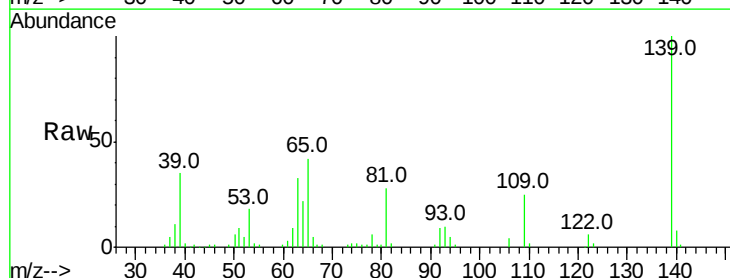
Tgt Ion:139 Resp: 130807

Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.6

65 42.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.33 ng

RT: 8.95 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

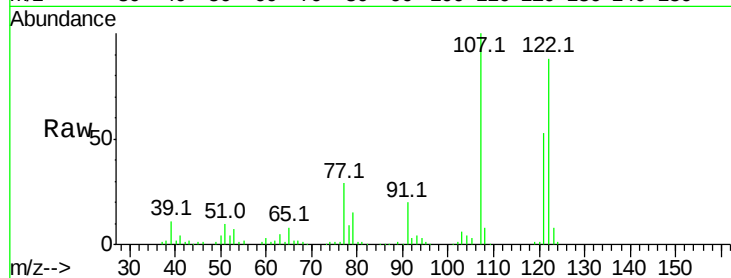
Tot Ion:122 Resp: 196237

Ion Ratio Lower Upper

122 100

107 113.8 89.2 133.8

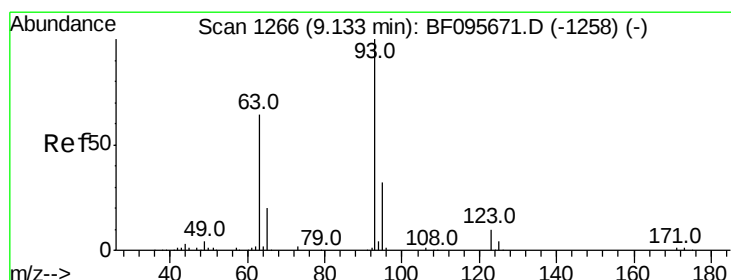
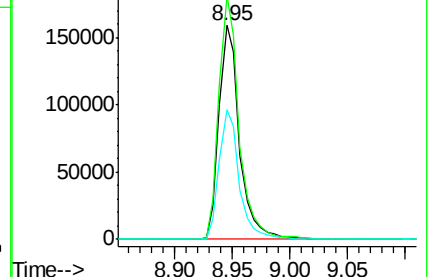
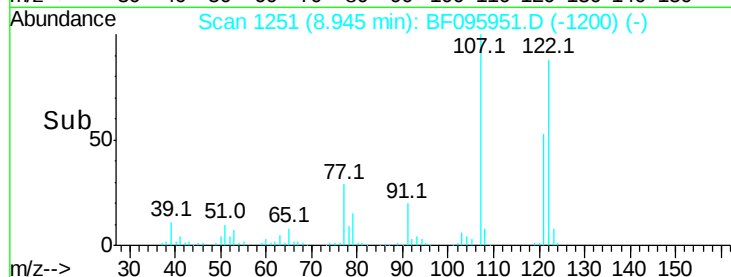
121 60.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.60 ng

RT: 9.06 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

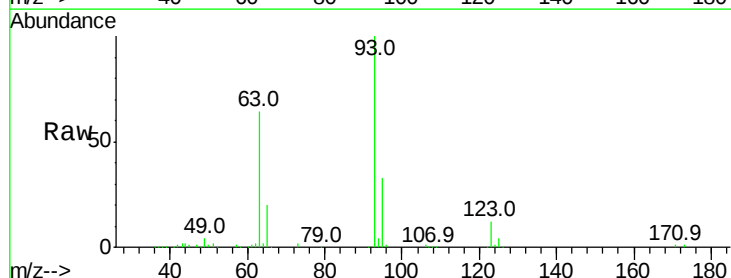
Tgt Ion: 93 Resp: 273298

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

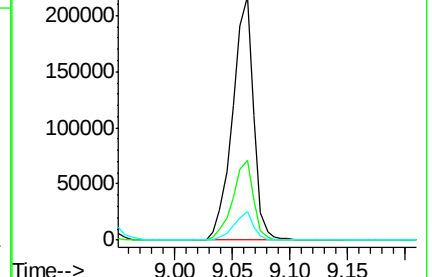
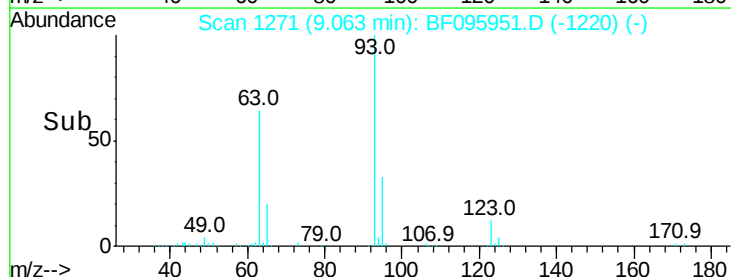
123 11.6 9.0 13.4

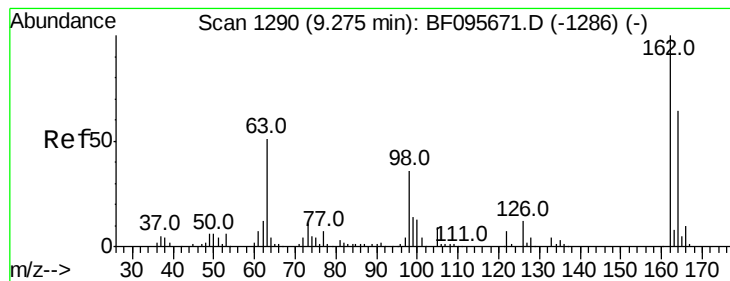


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.98 ng

RT: 9.22 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

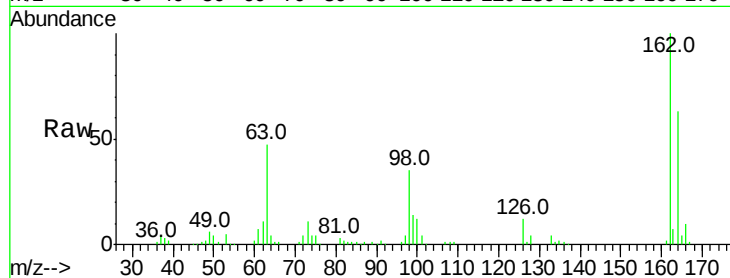
Tot Ion:162 Resp: 196531

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

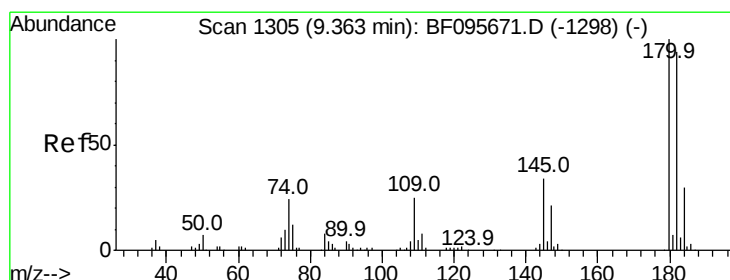
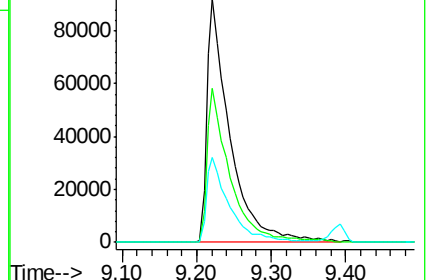
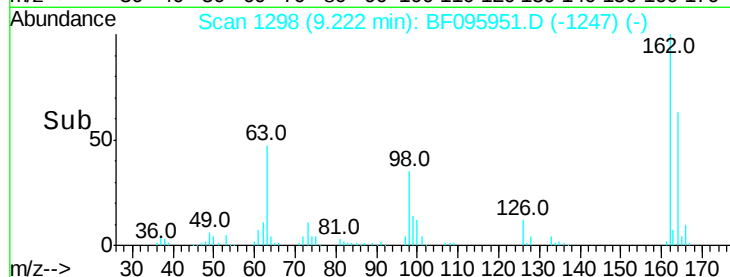
98 35.0 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.17 ng

RT: 9.29 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

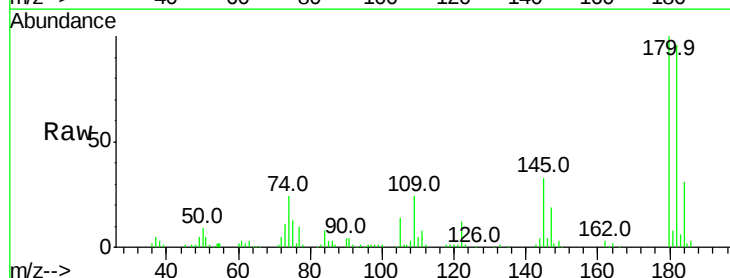
Tgt Ion:180 Resp: 195859

Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

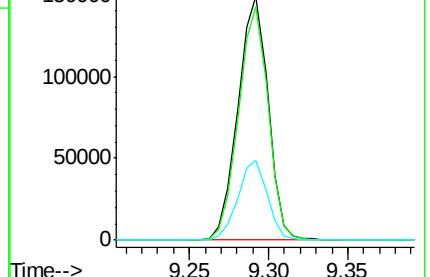
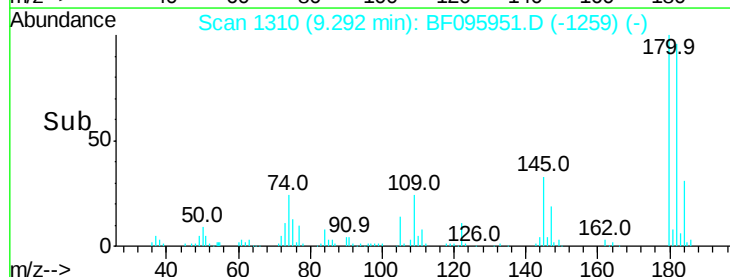
145 32.7 25.3 37.9

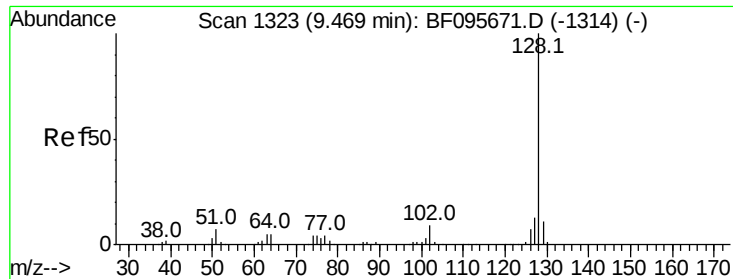


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

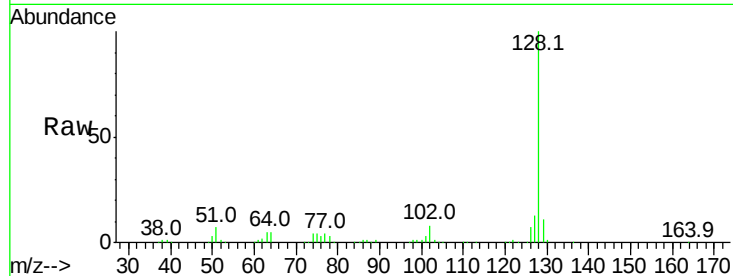




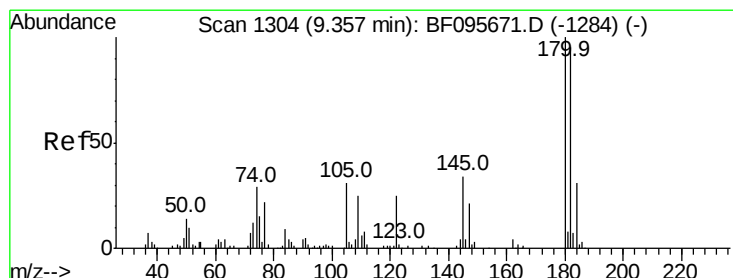
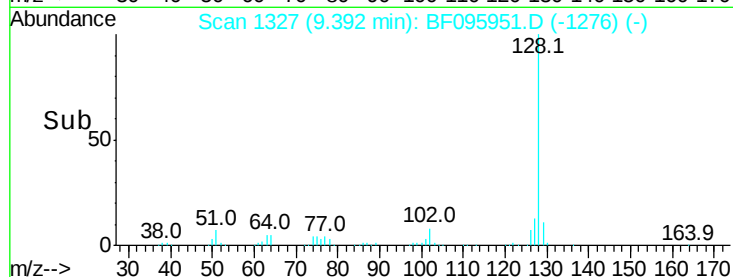
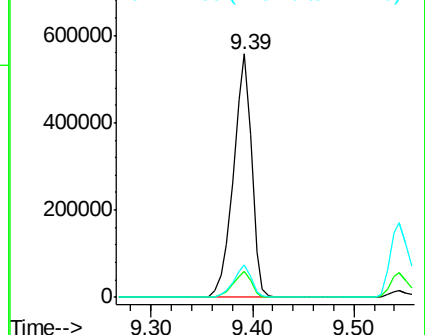
#31
Naphthalene
Concen: 40.77 ng
RT: 9.39 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 694922
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.8 16.2

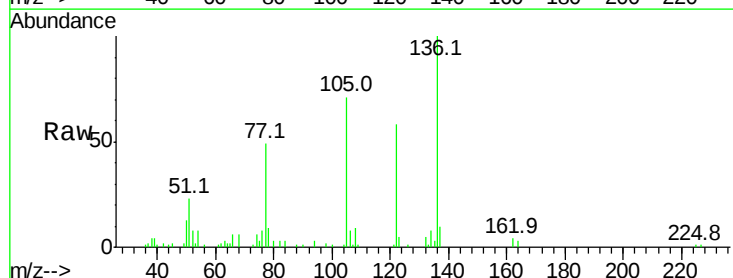


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

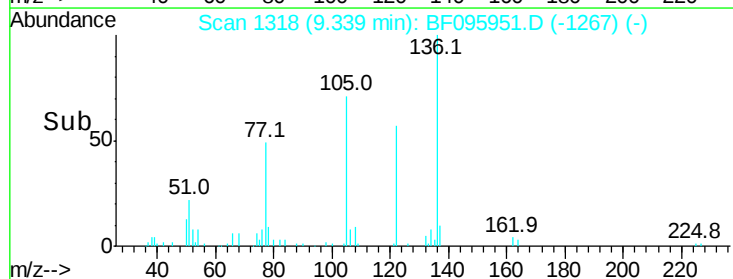
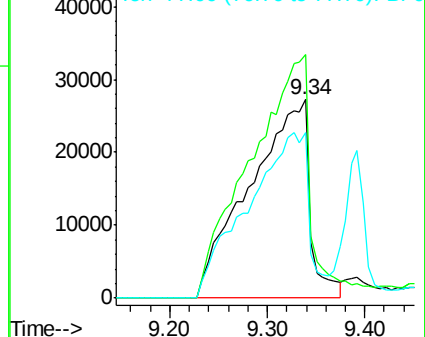


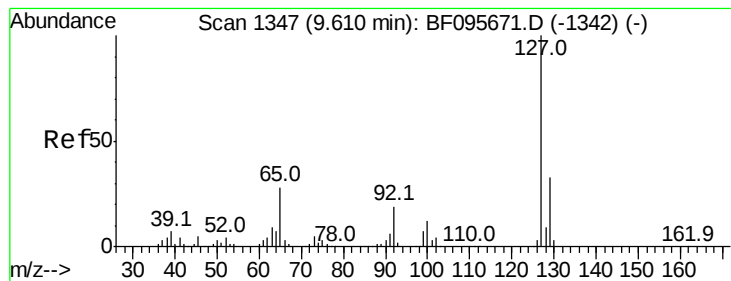
#32
Benzoic acid
Concen: 40.30 ng
RT: 9.34 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:122 Resp: 116844
Ion Ratio Lower Upper
122 100
105 122.5 103.3 143.3
77 83.3 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: 42.10 ng

RT: 9.55 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 280493

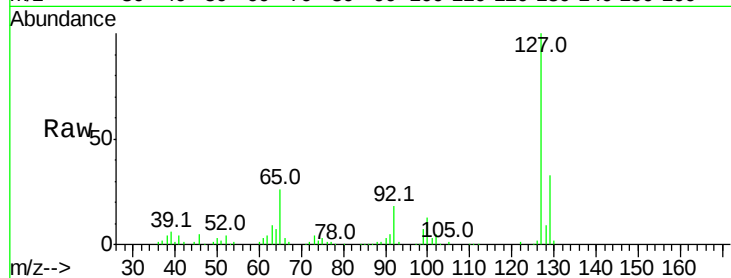
Ion Ratio Lower Upper

127 100

129 33.0 26.2 39.2

65 26.3 27.8 41.8#

92 18.3 16.8 25.2

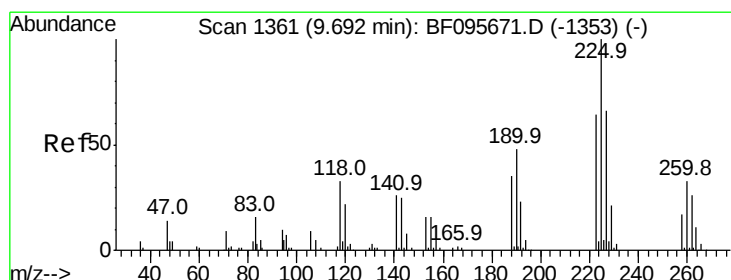
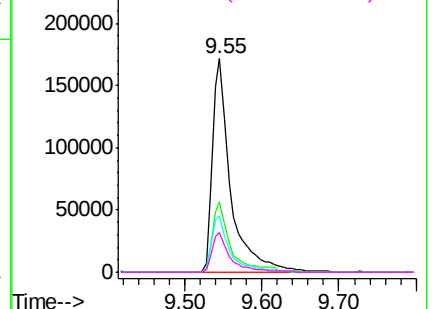
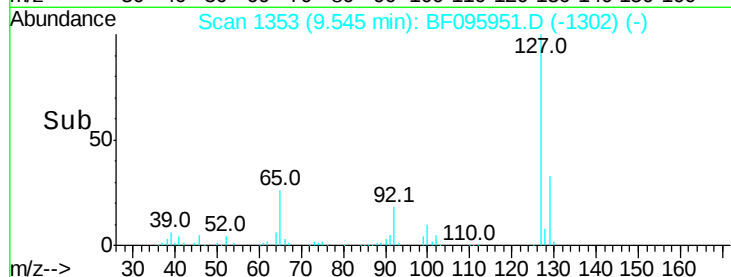


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.59 ng

RT: 9.61 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

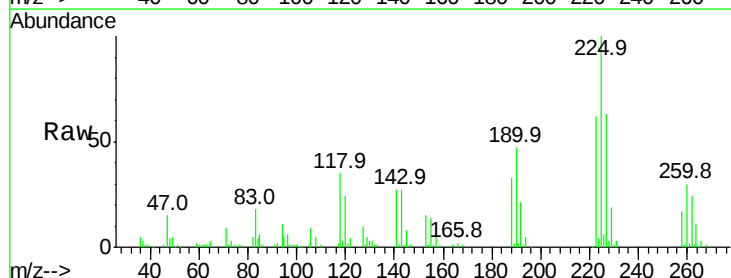
Tgt Ion:225 Resp: 99773

Ion Ratio Lower Upper

225 100

223 62.3 48.8 73.2

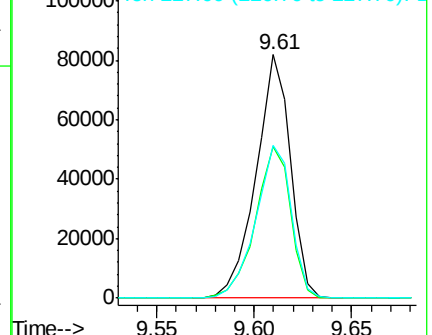
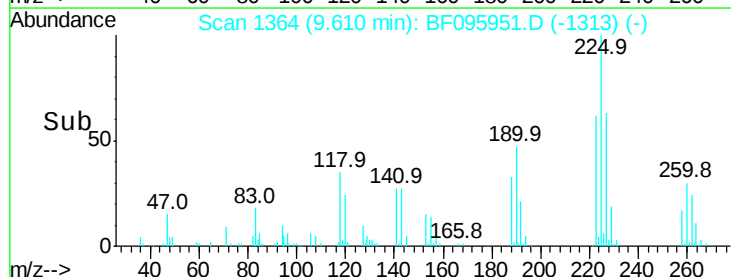
227 62.9 51.1 76.7

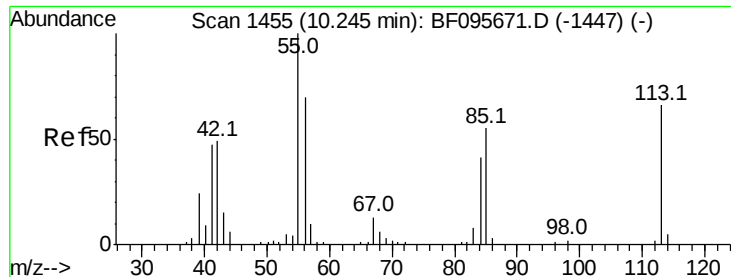


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.90 ng

RT: 10.20 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampled :

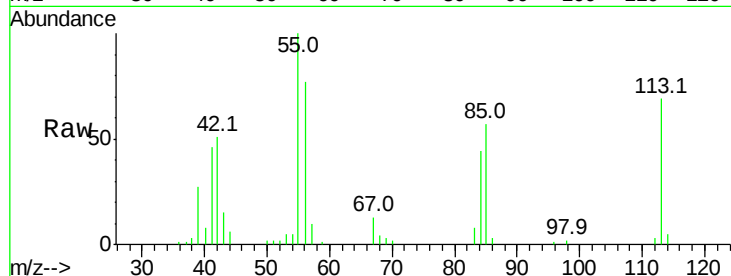
Tot Ion:113 Resp: 63809

Ion Ratio Lower Upper

113 100

55 145.7 150.2 190.2#

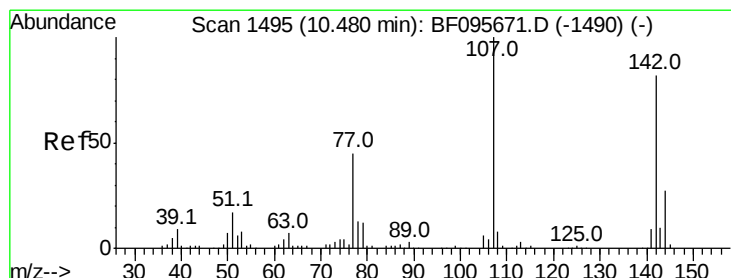
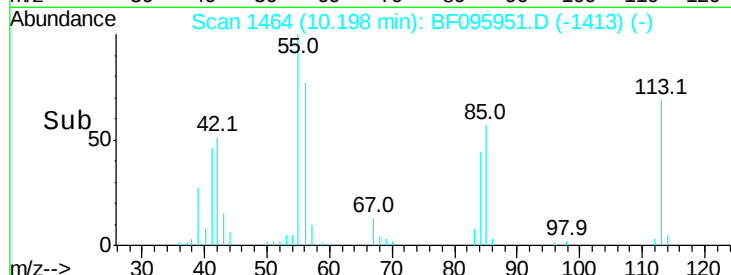
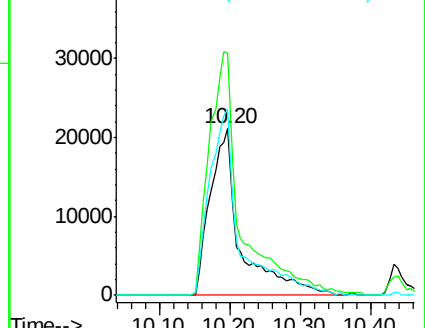
56 112.1 107.8 147.8



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: 42.23 ng

RT: 10.43 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

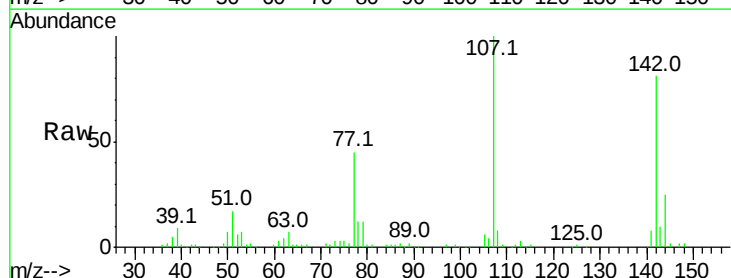
Tgt Ion:107 Resp: 202149

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

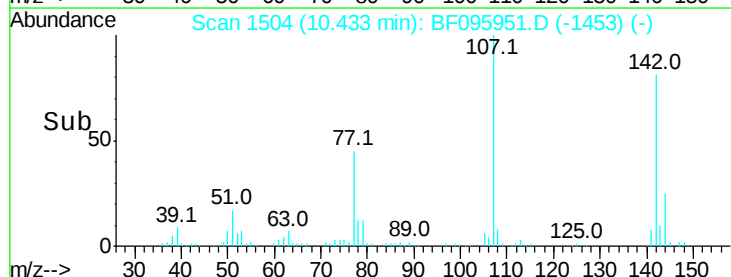
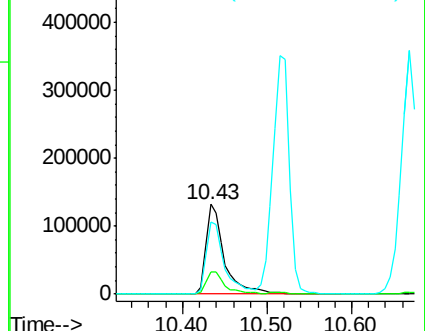
142 80.7 73.4 110.0

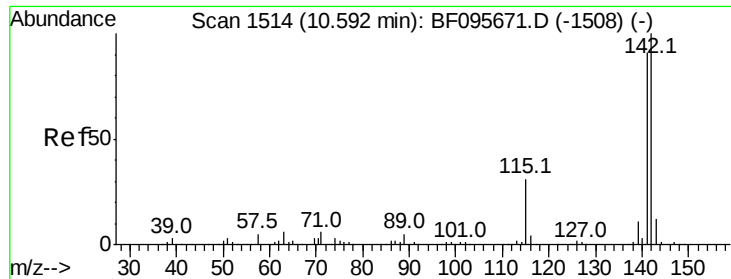


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

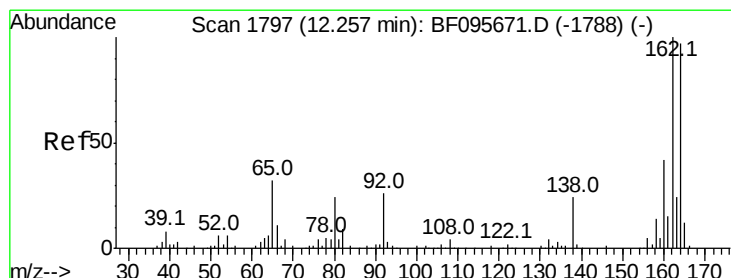
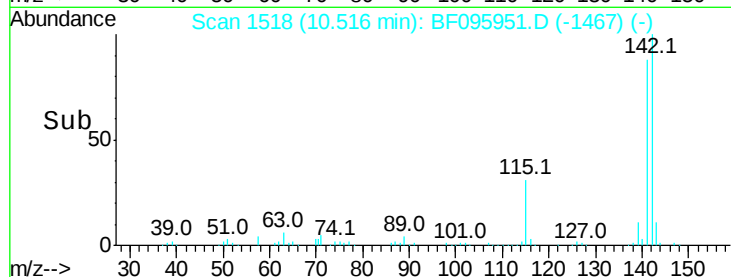
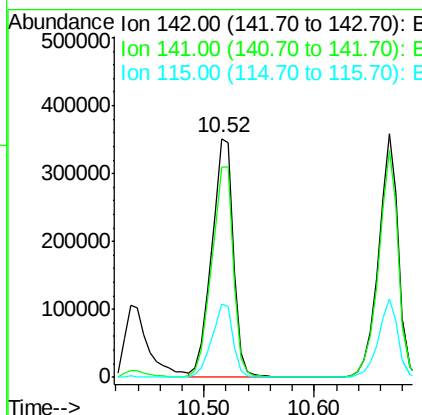
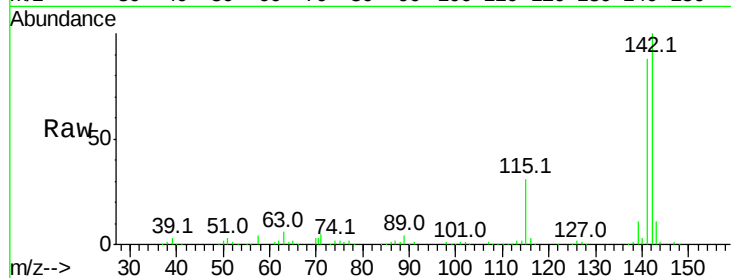




#37
 2-Methylnaphthalene
 Concen: 41.27 ng
 RT: 10.52 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

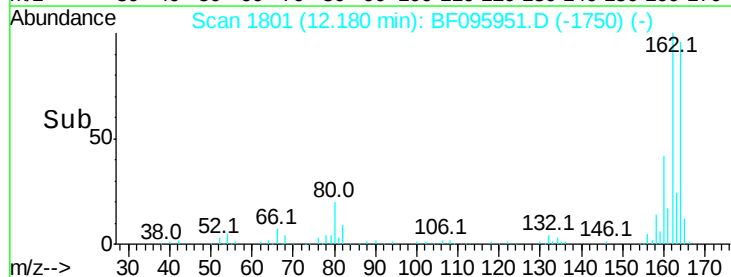
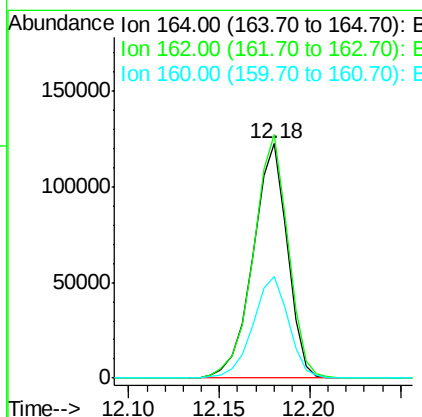
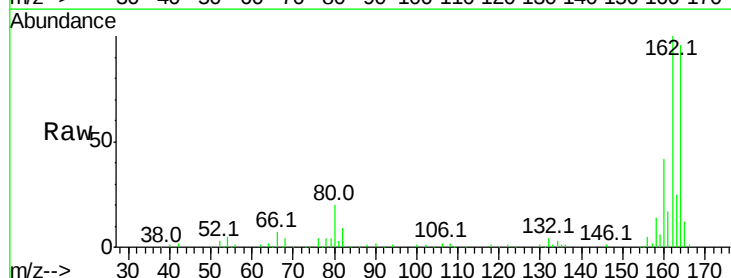
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 475311
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.3 106.9
 115 30.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.18 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion:164 Resp: 161309
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 43.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.14 ng

RT: 10.80 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

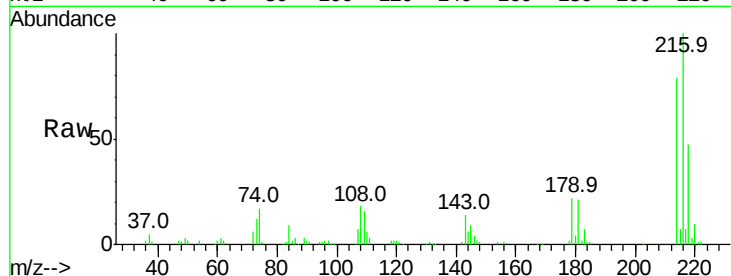
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 188949

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.8	17.9	26.9
108	18.2	16.5	24.7

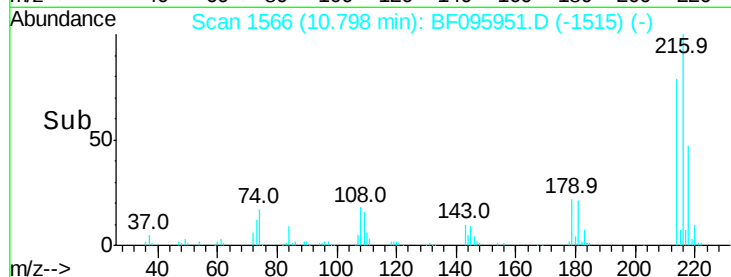


Abundance Ion 216.00 (215.70 to 216.70): E

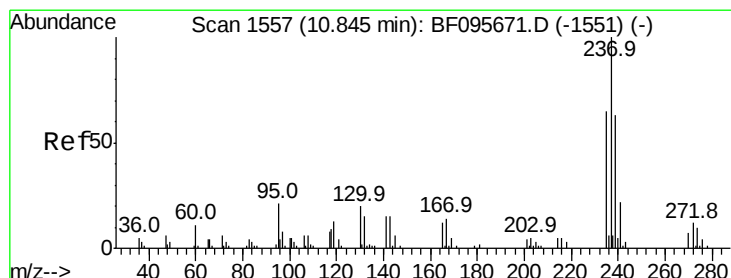
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 37.46 ng

RT: 10.77 min Scan# 1561

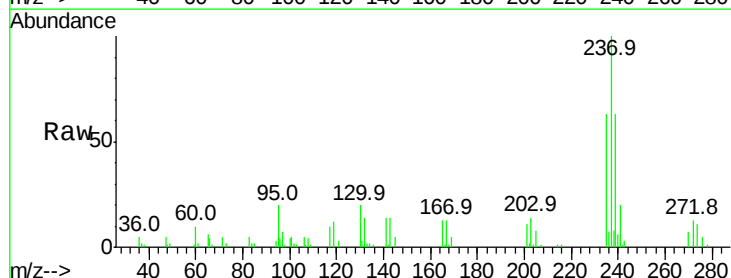
Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Tgt Ion:237 Resp: 46157

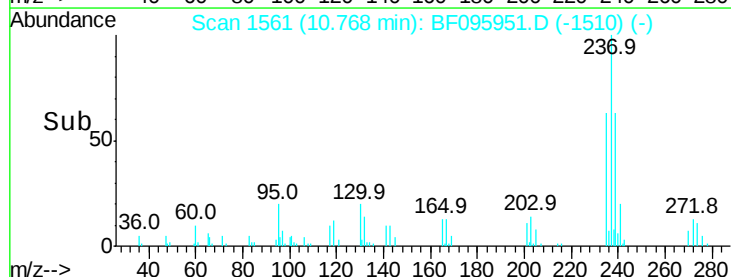
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.6	82.6
272	12.8	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



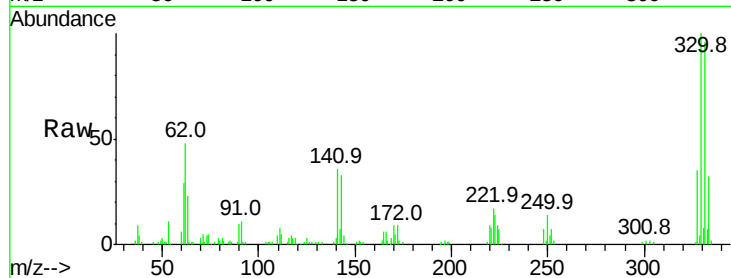
Time-->



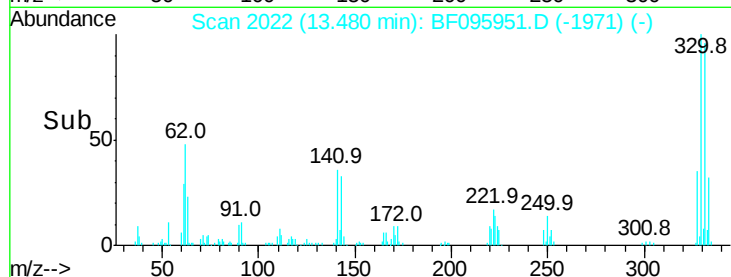
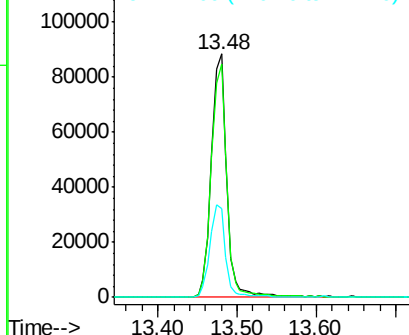
#41
 2,4,6-Tribromophenol
 Concen: 84.55 ng
 RT: 13.48 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	38.7	31.4	47.2

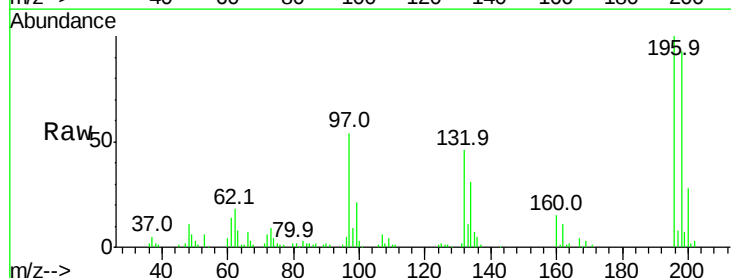


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

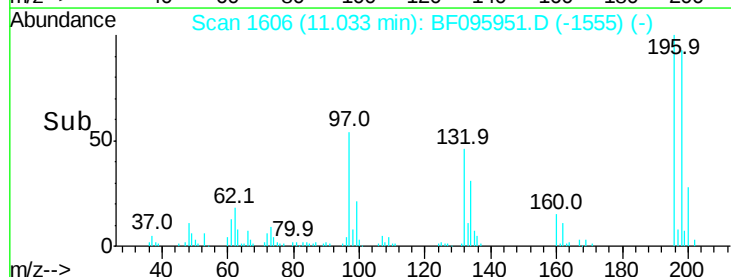
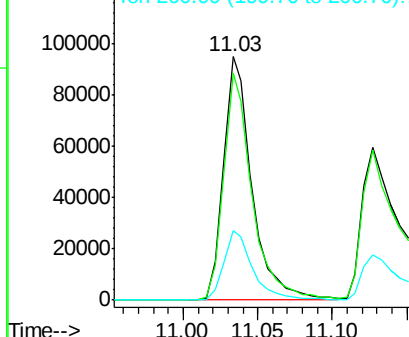


#42
 2,4,6-Trichlorophenol
 Concen: 41.16 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.2	111.4
200	28.5	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

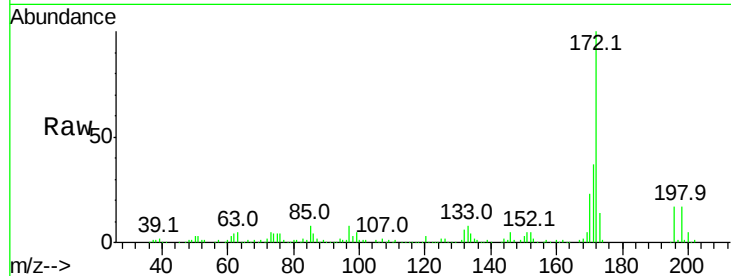




#43
 2,4,5-Trichlorophenol
 Concen: 38.88 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.7	113.5
97	49.0	47.7	71.5
132	32.7	28.0	42.0



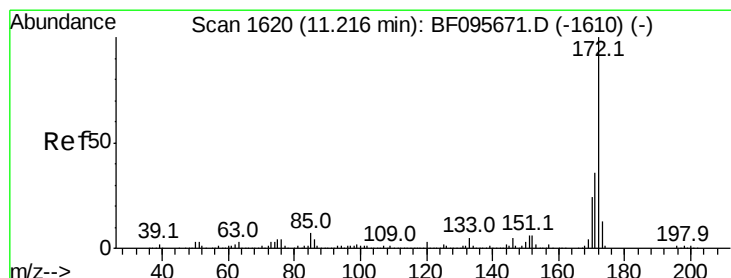
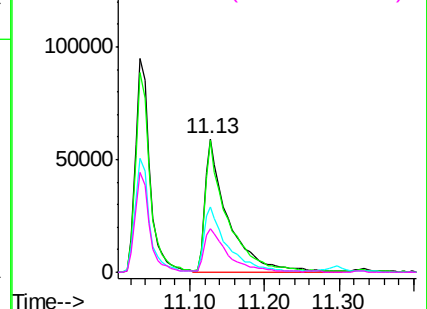
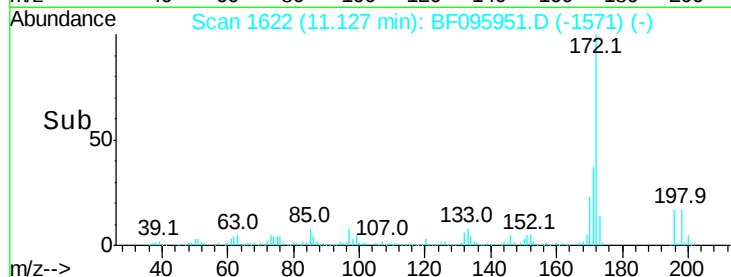
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

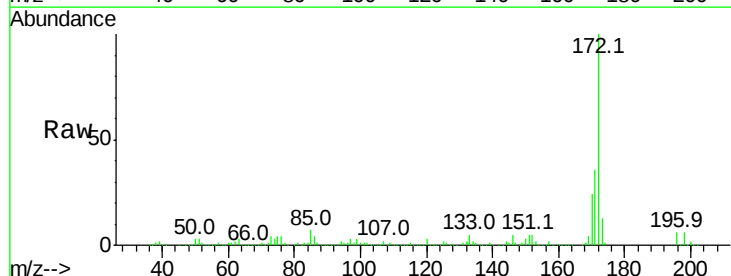
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.32 ng
 RT: 11.14 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8

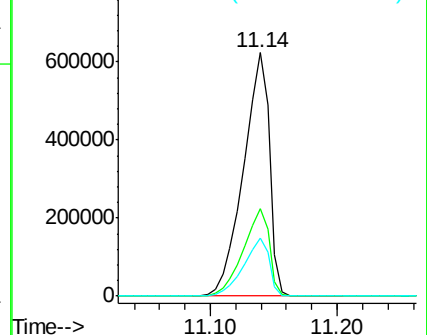
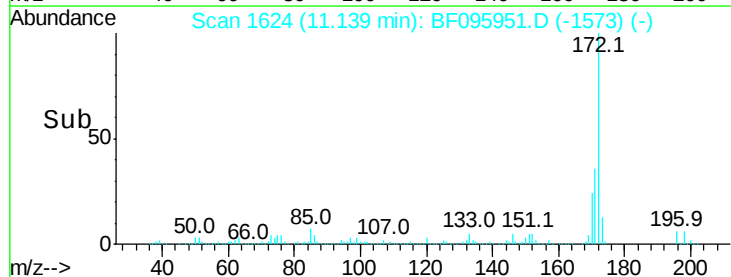


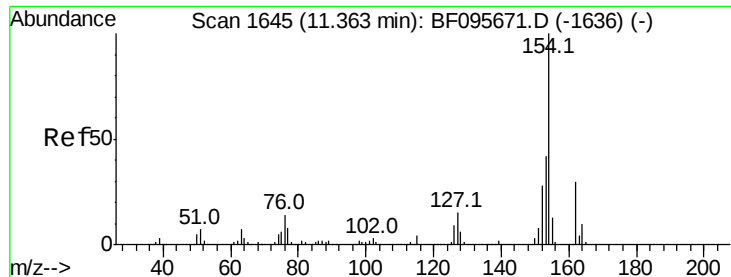
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

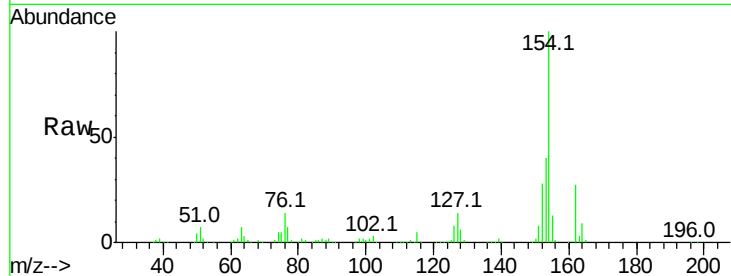




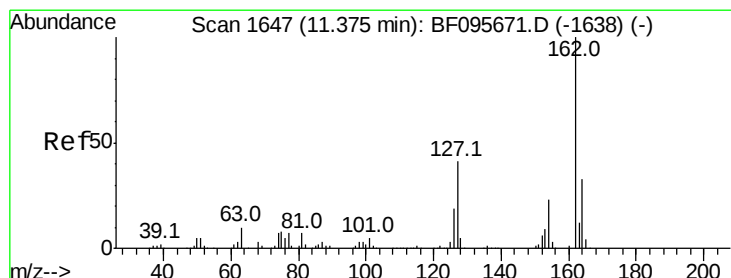
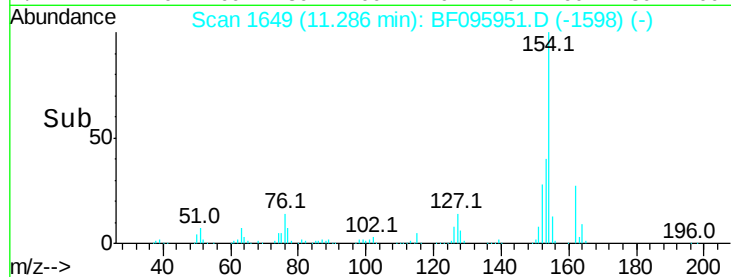
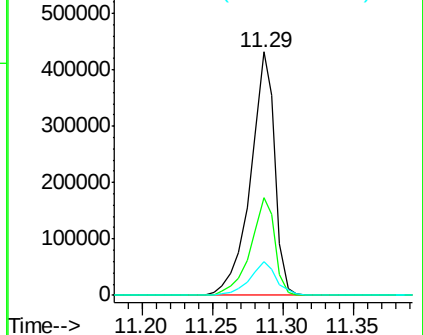
#45
 1,1'-Biphenyl
 Concen: 39.19 ng
 RT: 11.29 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.6	0.0	29.9

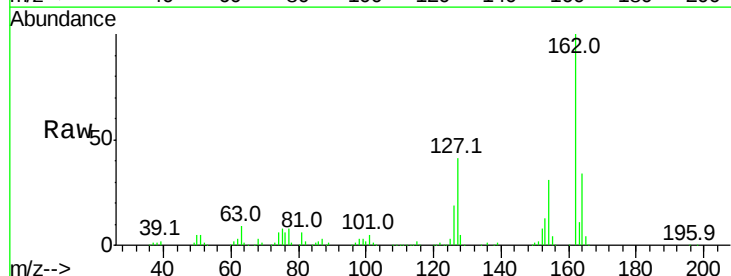


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

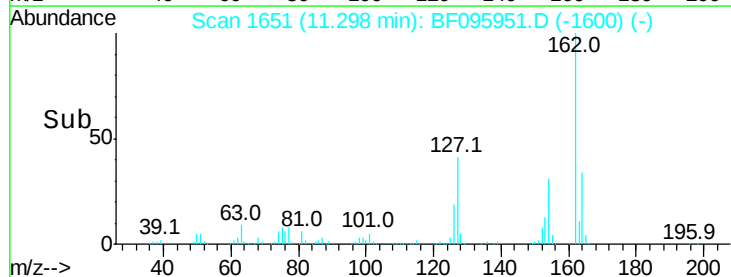
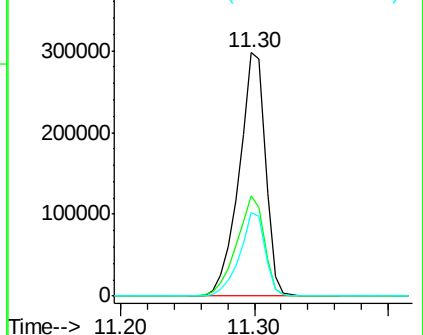


#46
 2-Chloronaphthalene
 Concen: 39.17 ng
 RT: 11.30 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	28.3	42.5
164	34.2	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

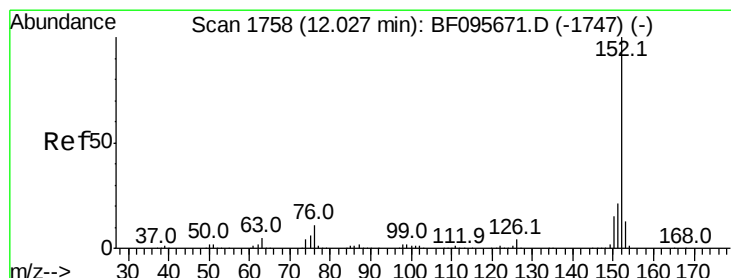
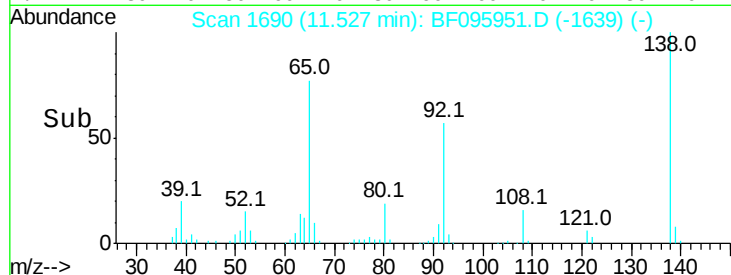
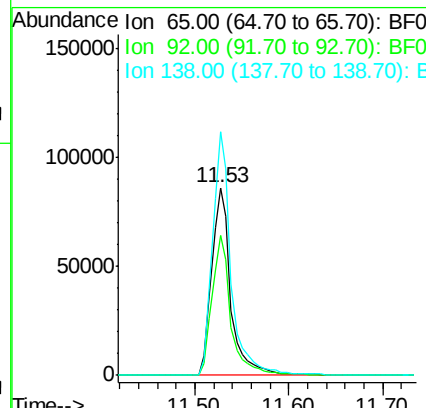
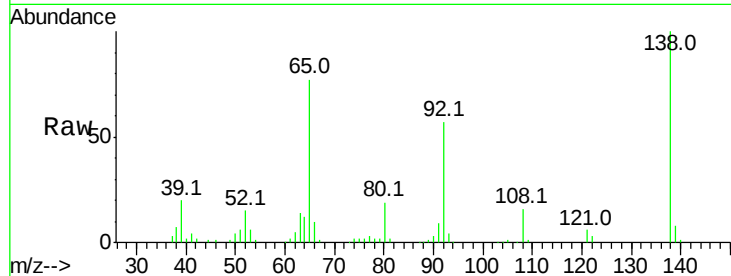




#47
 2-Nitroaniline
 Concen: 40.95 ng
 RT: 11.53 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

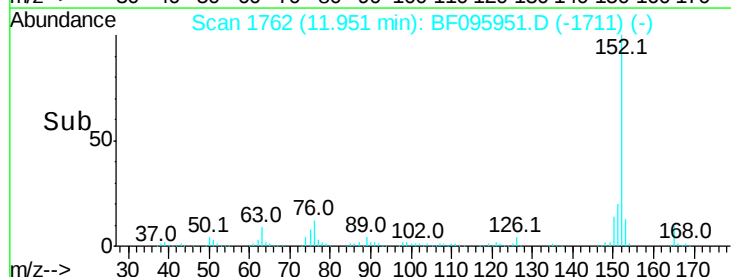
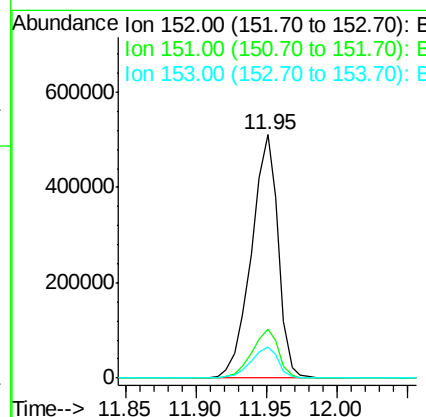
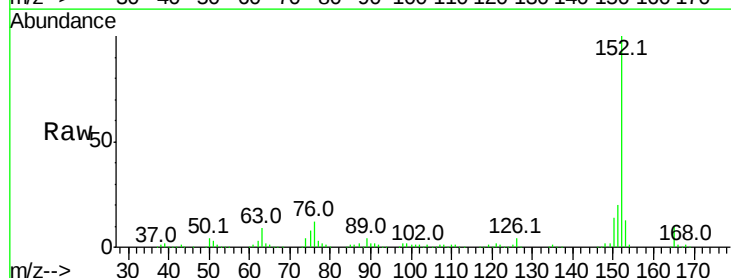
Instrument :
 BNA_F
 ClientSampled :

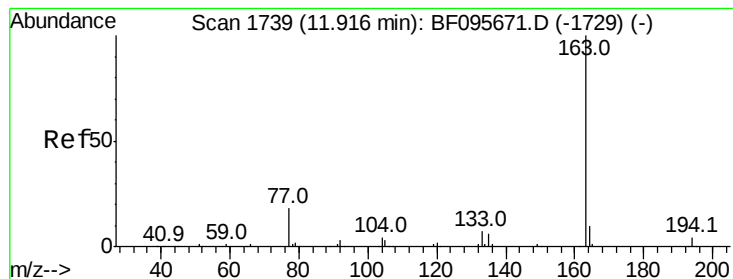
Tot Ion: 65 Resp: 124484
 Ion Ratio Lower Upper
 65 100
 92 74.6 53.9 80.9
 138 130.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.43 ng
 RT: 11.95 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion:152 Resp: 682695
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 39.42 ng

RT: 11.85 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampled :

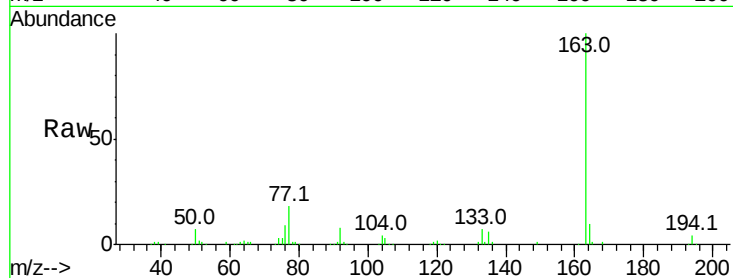
Tot Ion:163 Resp: 482814

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

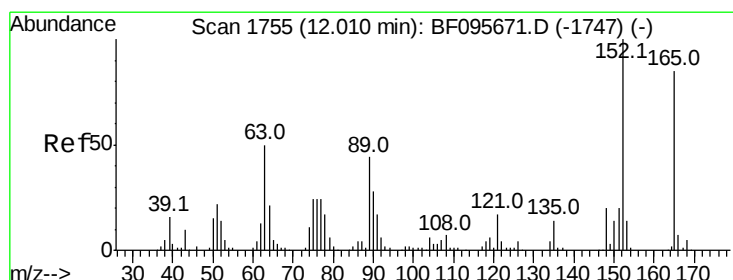
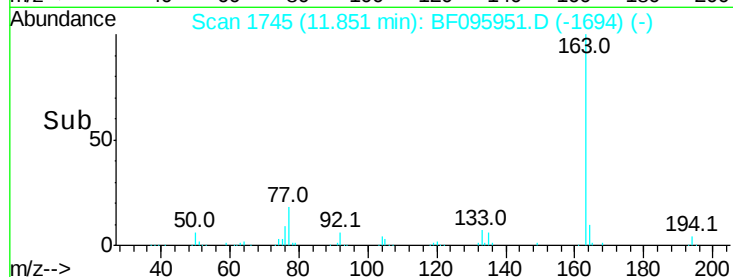
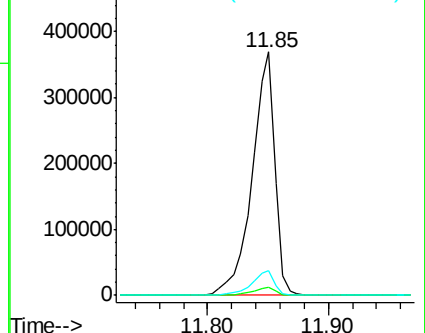
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.38 ng

RT: 11.94 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

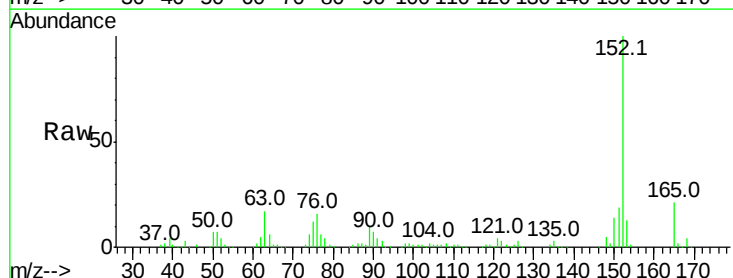
Tgt Ion:165 Resp: 105198

Ion Ratio Lower Upper

165 100

63 80.3 34.3 51.5#

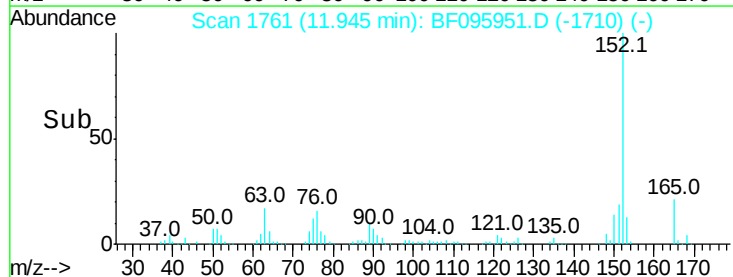
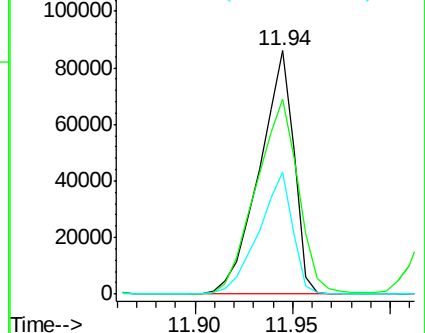
89 50.3 37.1 55.7



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

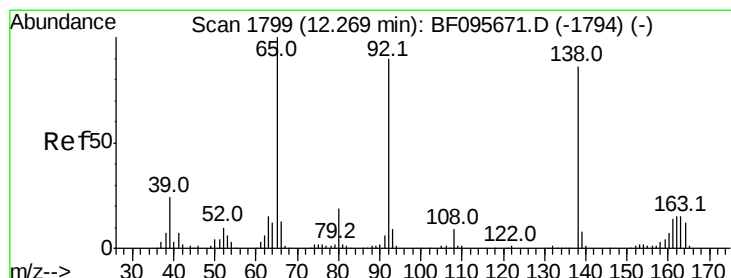
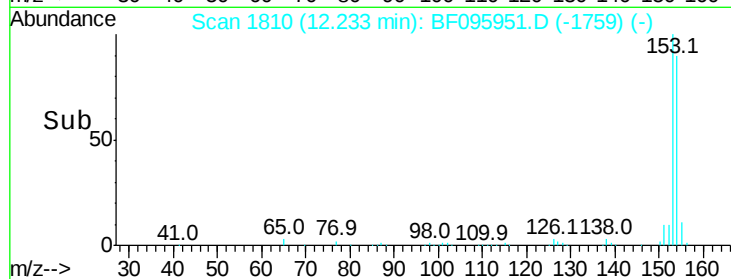
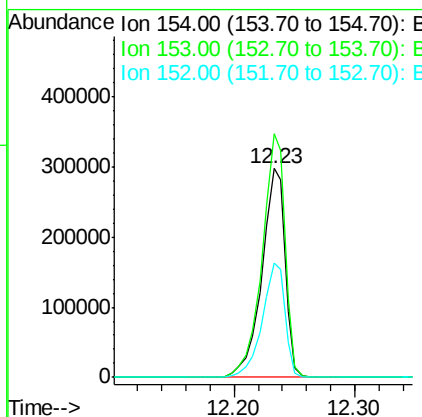
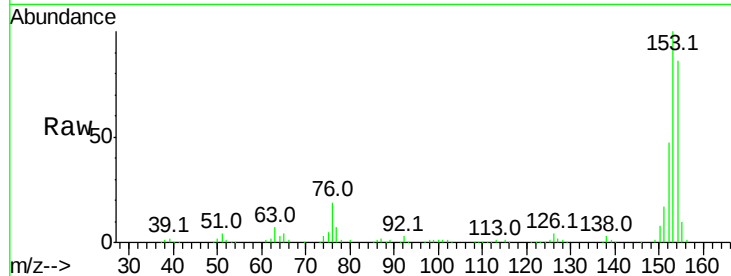




#51
Acenaphthene
Concen: 39.19 ng
RT: 12.23 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

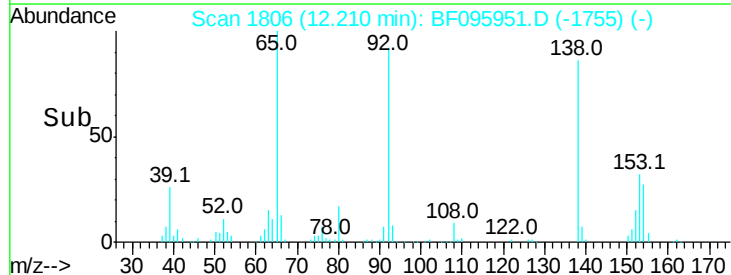
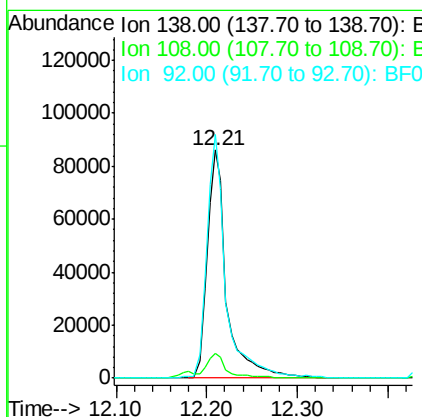
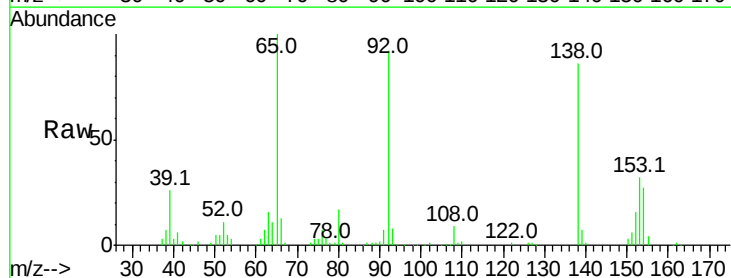
Instrument :
BNA_F
ClientSampleId :

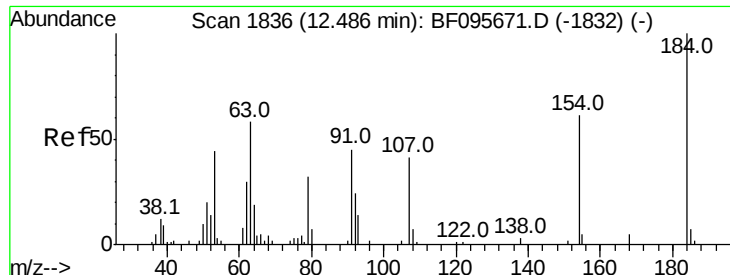
Tot Ion:154 Resp: 402020
Ion Ratio Lower Upper
154 100
153 116.6 90.5 135.7
152 54.9 43.6 65.4



#52
3-Nitroaniline
Concen: 41.57 ng
RT: 12.21 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:138 Resp: 129395
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 106.7 93.8 140.6

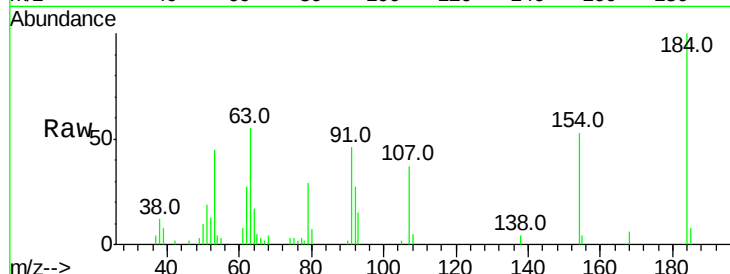




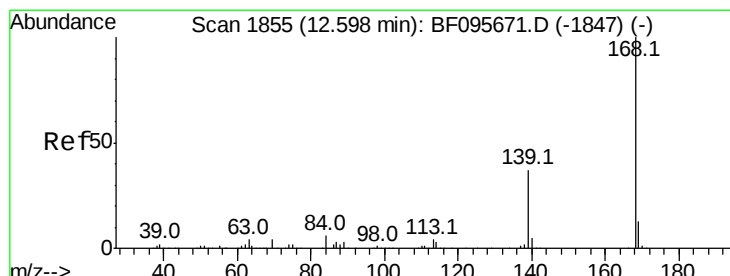
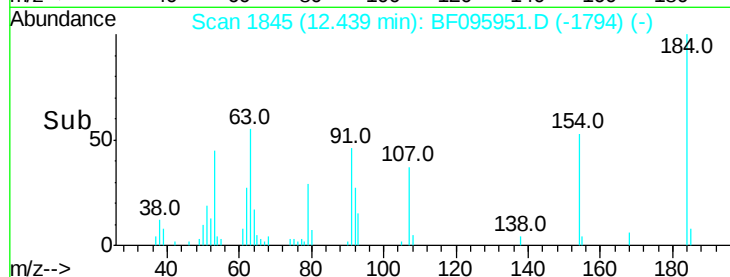
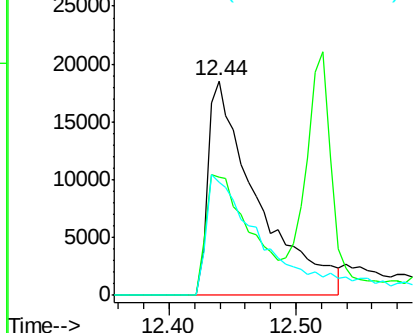
#53
 2,4-Dinitrophenol
 Concen: 37.08 ng
 RT: 12.44 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 50370
 Ion Ratio Lower Upper
 184 100
 63 54.9 62.7 94.1#
 154 53.0 81.1 121.7#

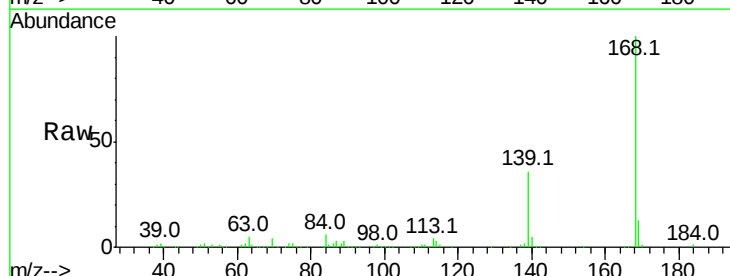


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

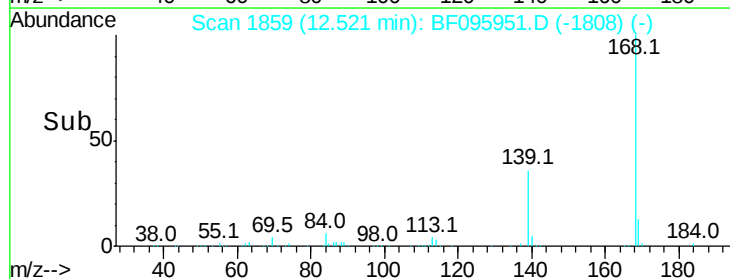
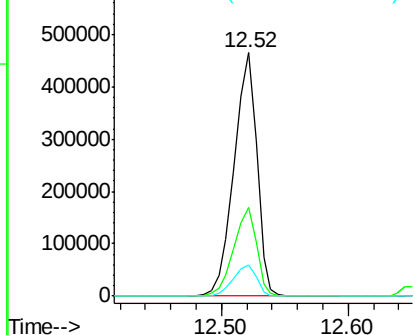


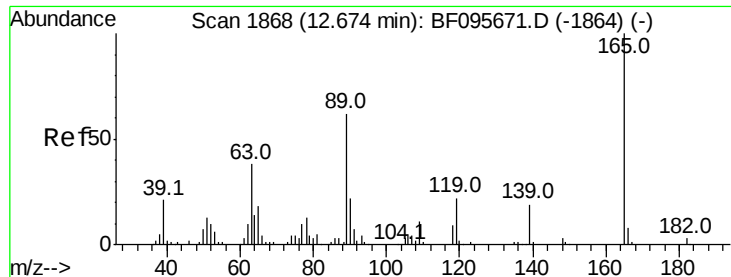
#54
 Dibenzofuran
 Concen: 40.05 ng
 RT: 12.52 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion:168 Resp: 578302
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.6 45.8
 169 12.7 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

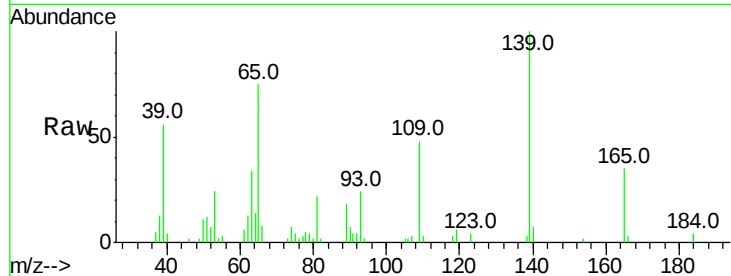




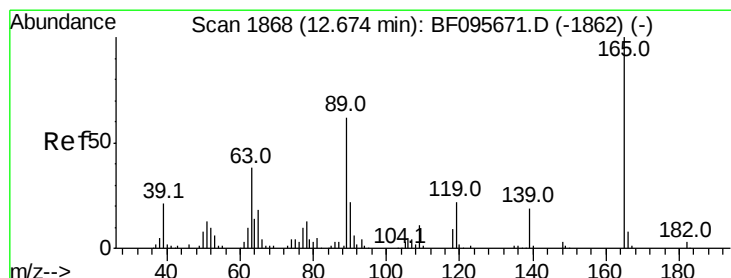
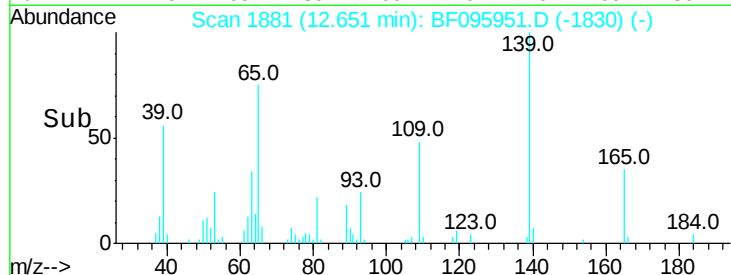
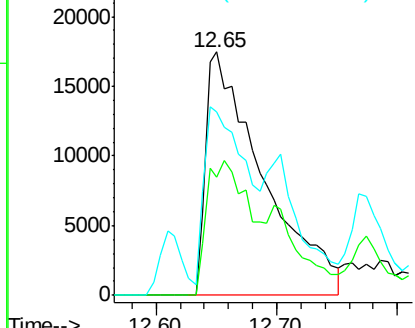
#55
4-Nitrophenol
Concen: 34.34 ng
RT: 12.65 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 57315
Ion Ratio Lower Upper
139 100
109 48.3 34.1 74.1
65 75.3 31.4 71.4#

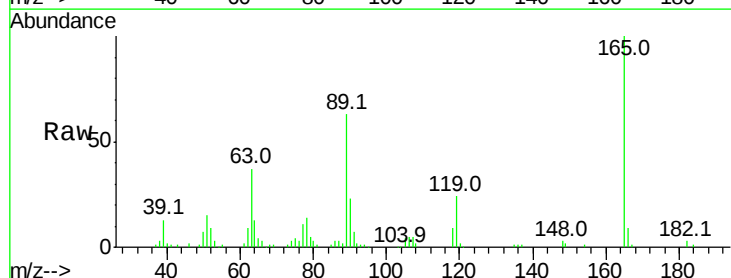


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

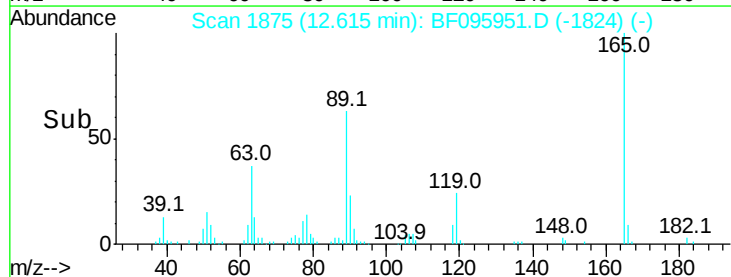
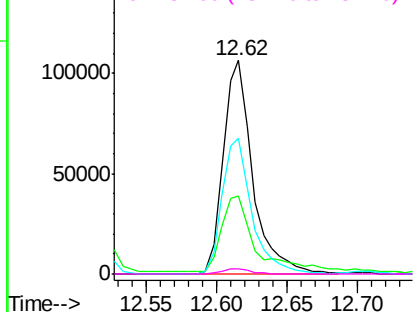


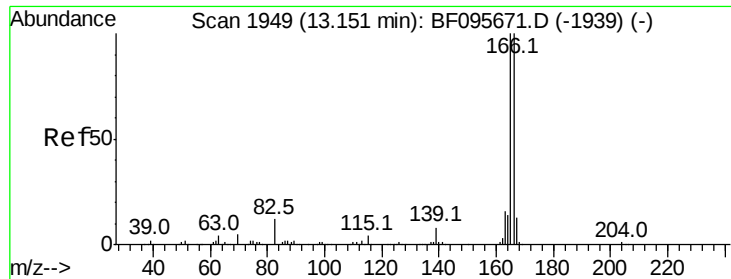
#56
2,4-Dinitrotoluene
Concen: 42.86 ng
RT: 12.62 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:165 Resp: 154646
Ion Ratio Lower Upper
165 100
63 36.7 25.4 38.0
89 63.4 46.4 69.6
182 2.6 1.8 2.6



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





#57

Fluorene

Concen: 40.16 ng

RT: 13.07 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

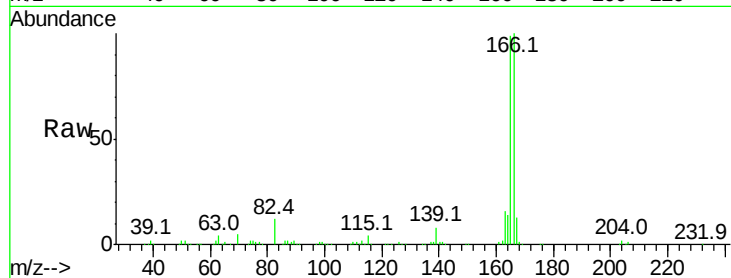
Tot Ion:166 Resp: 504674

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

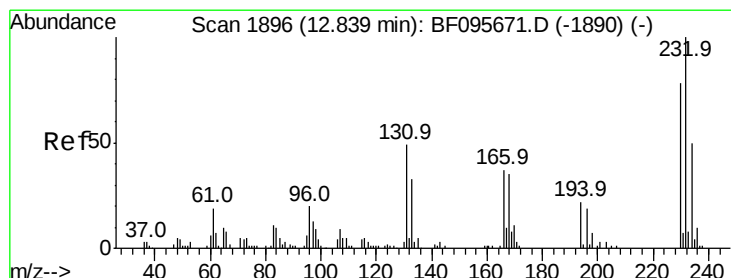
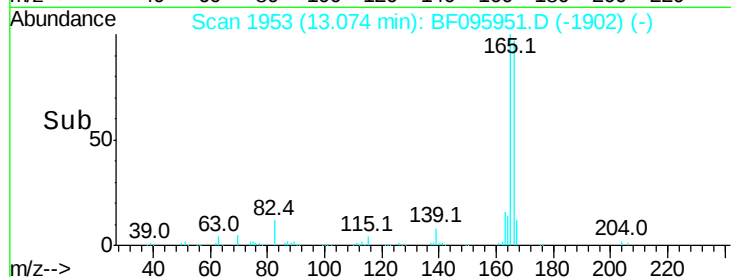
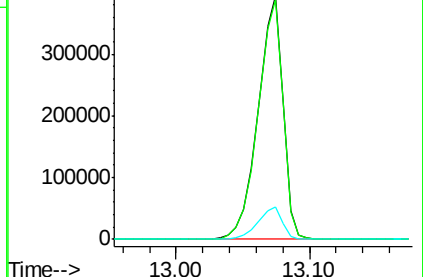
167 13.1 10.6 16.0



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: 39.87 ng

RT: 12.77 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Tgt Ion:232 Resp: 90063

Ion Ratio Lower Upper

232 100

131 56.2 44.8 67.2

130 2.1 2.3 3.5#

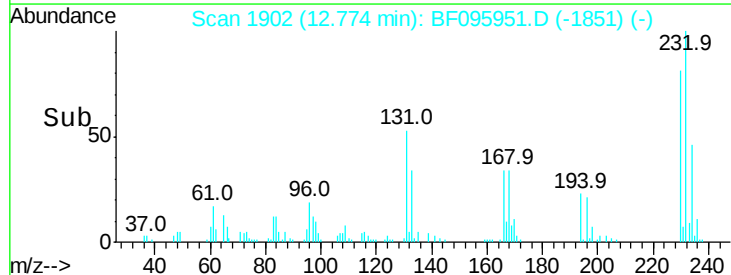
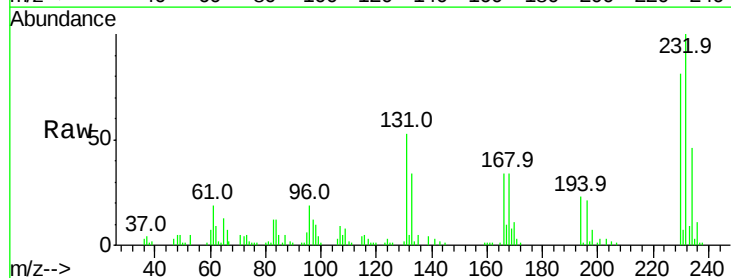
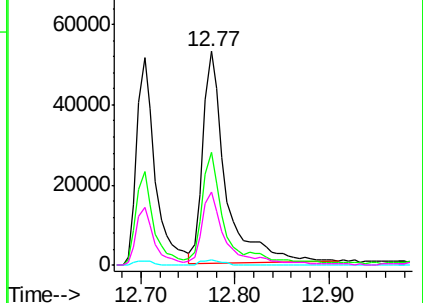
166 33.6 29.0 43.4

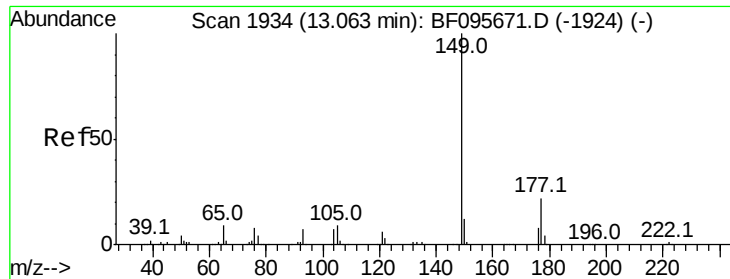
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

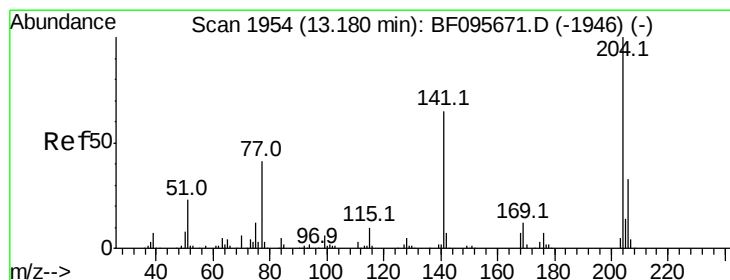
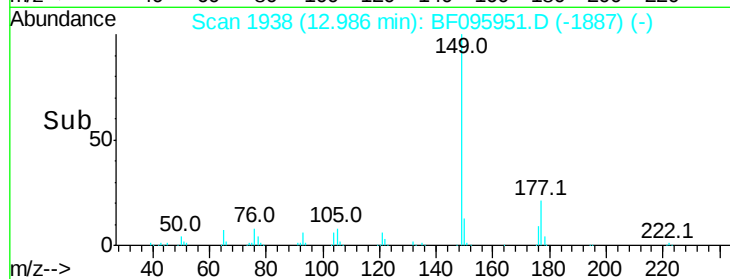
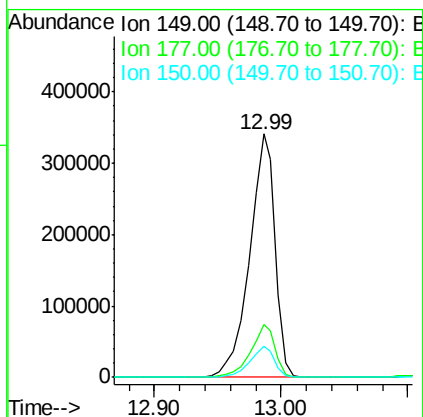
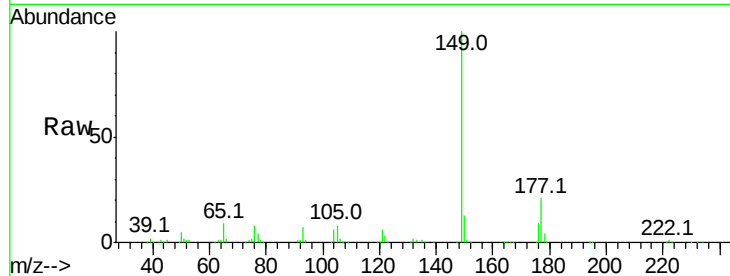




#59
Diethylphthalate
Concen: 40.40 ng
RT: 12.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

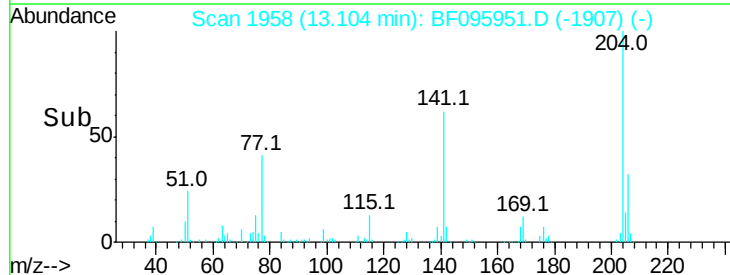
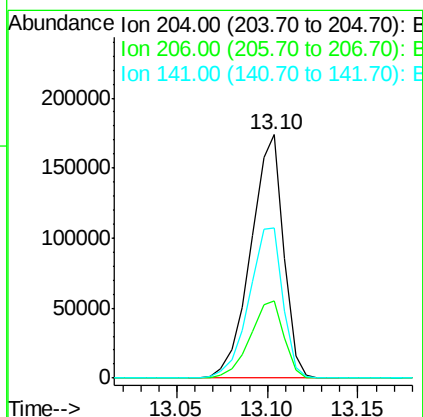
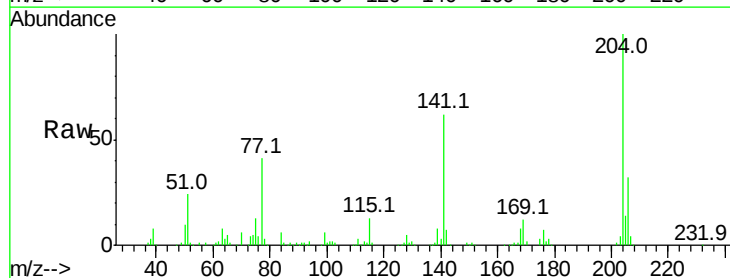
Instrument :
BNA_F
ClientSampleId :

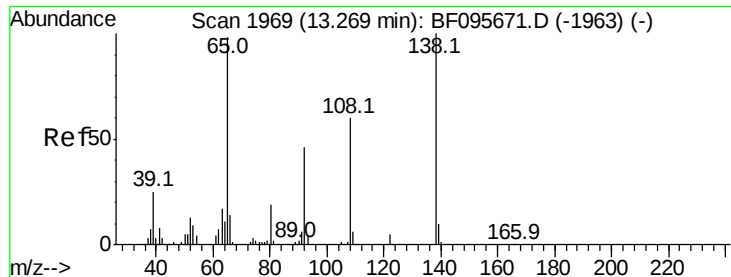
Tot Ion:149 Resp: 476182
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.78 ng
RT: 13.10 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:204 Resp: 217374
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.2
141 61.6 60.8 91.2

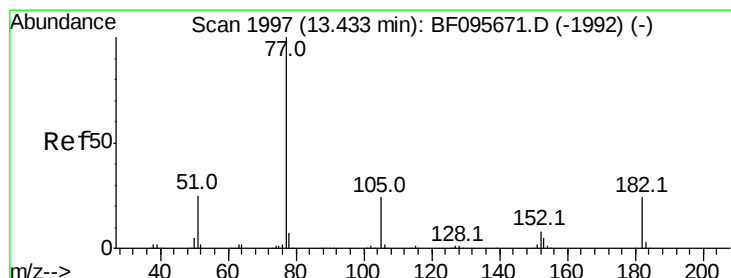
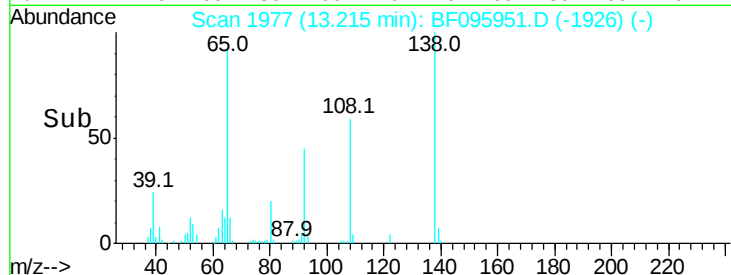
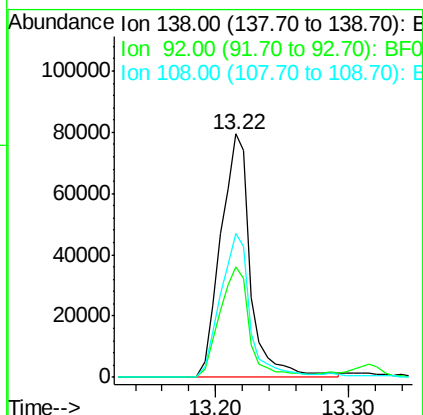
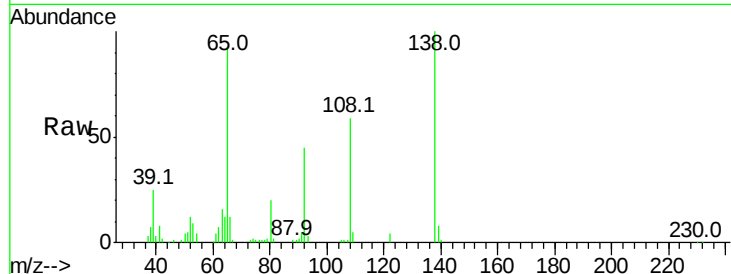




#61
4-Nitroaniline
Concen: 43.14 ng
RT: 13.22 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

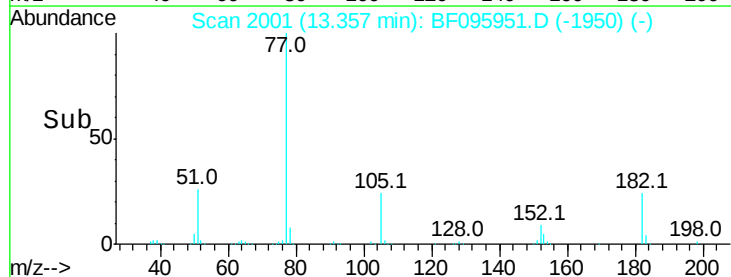
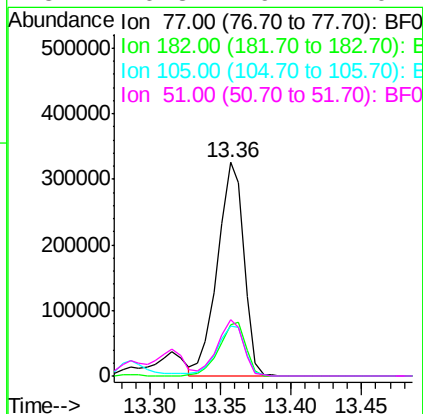
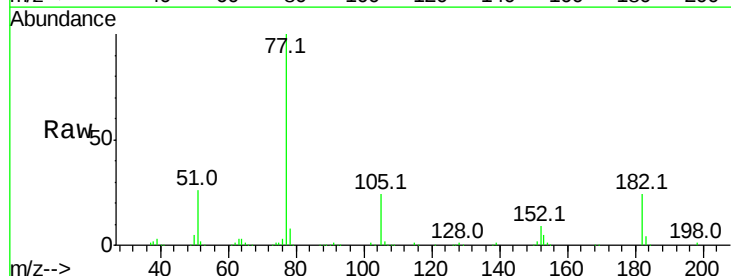
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 125354
Ion Ratio Lower Upper
138 100
92 45.3 21.8 61.8
108 58.9 42.3 82.3



#62
Azobenzene
Concen: 39.69 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion: 77 Resp: 424006
Ion Ratio Lower Upper
77 100
182 24.3 0.1 40.1
105 23.6 3.6 43.6
51 26.3 9.4 49.4

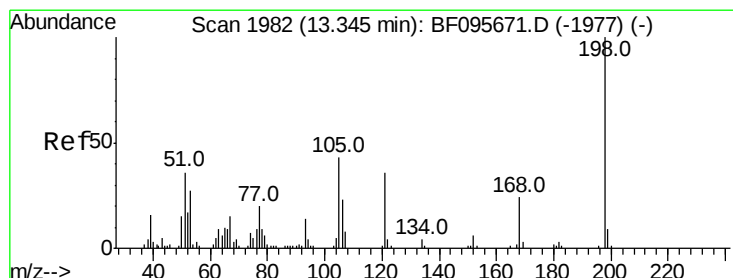
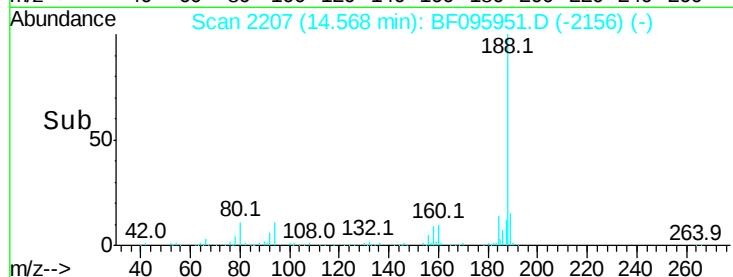
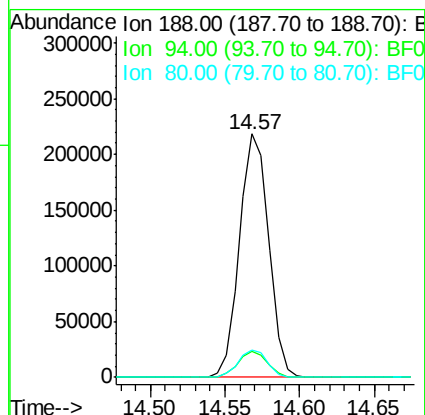
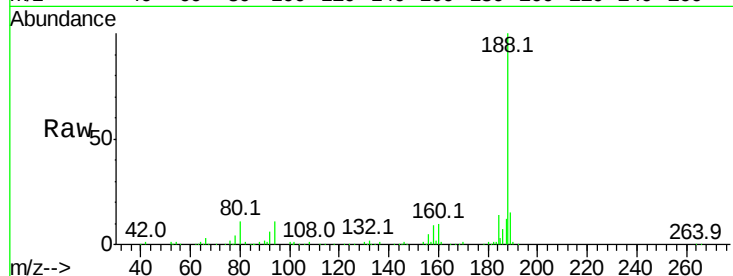




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

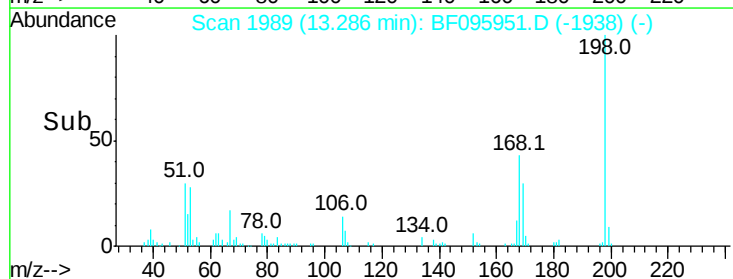
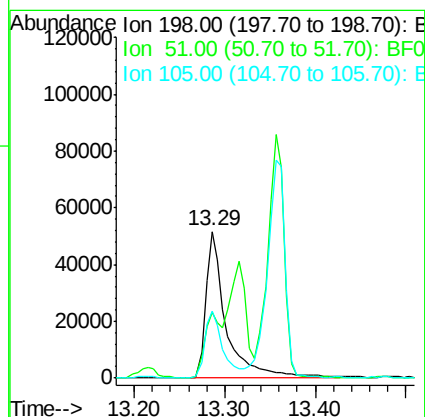
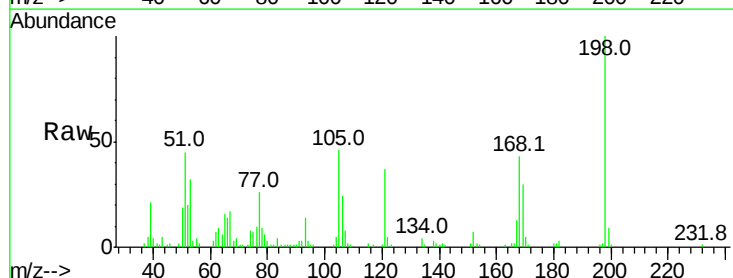
Instrument :
BNA_F
ClientSampled :

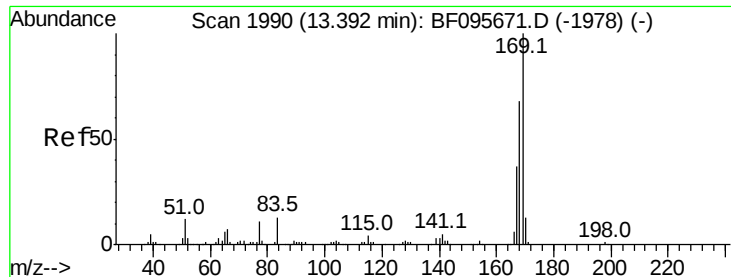
Tot Ion:188 Resp: 297327
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.91 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:198 Resp: 81916
Ion Ratio Lower Upper
198 100
51 44.7 53.2 93.2#
105 45.6 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 39.36 ng

RT: 13.32 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

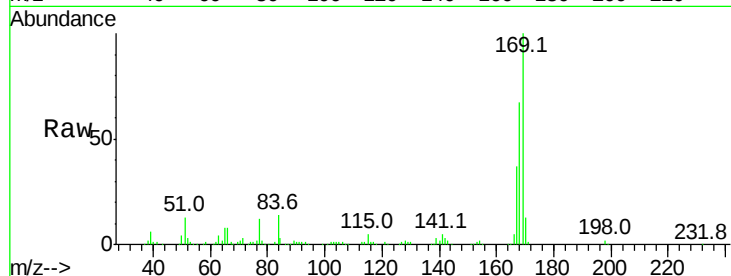
Tot Ion:169 Resp: 420515

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

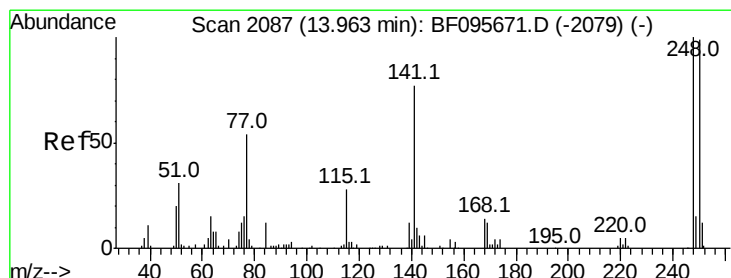
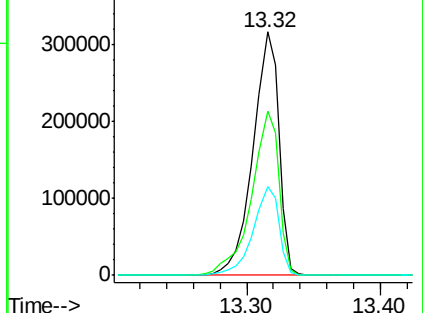
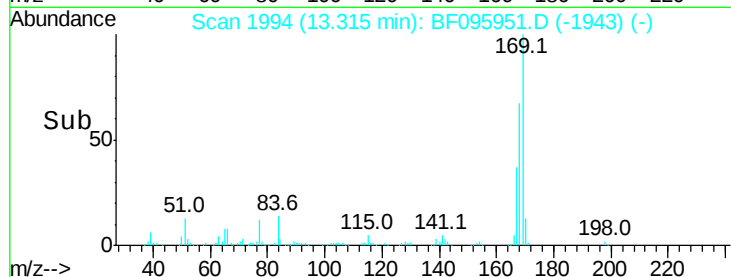
167 36.6 29.5 44.3



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: 39.76 ng

RT: 13.88 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

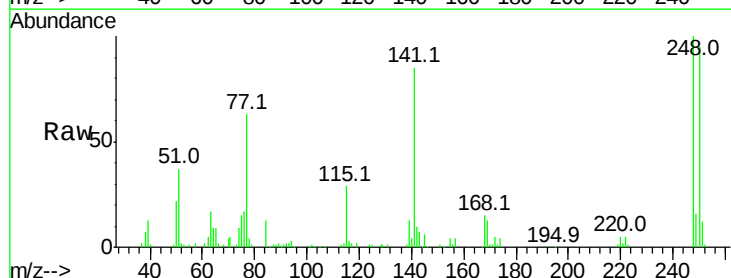
Tgt Ion:248 Resp: 122863

Ion Ratio Lower Upper

248 100

250 95.5 76.8 115.2

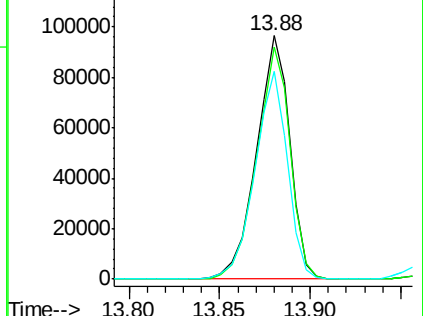
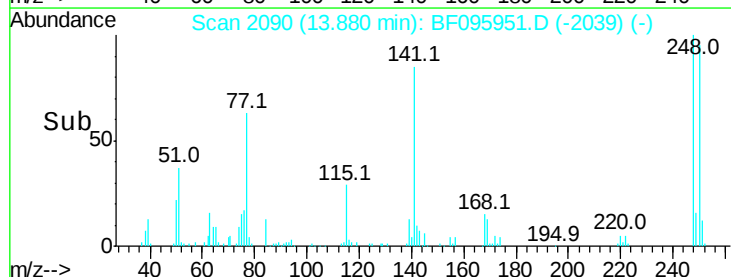
141 85.3 68.6 103.0

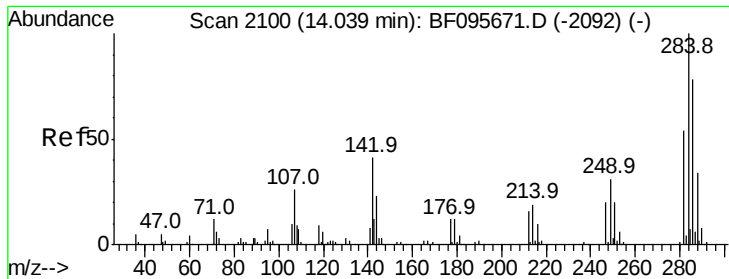


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.78 ng

RT: 13.97 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

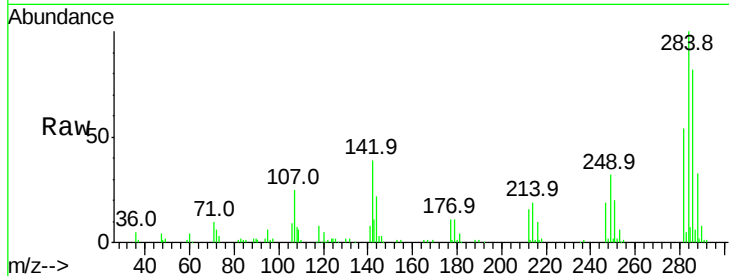
Tot Ion:284 Resp: 124185

Ion Ratio Lower Upper

284 100

142 38.7 22.8 34.2#

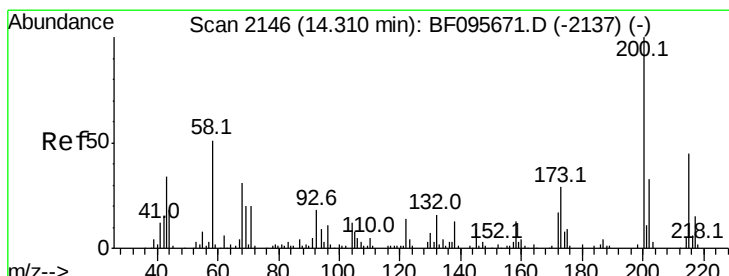
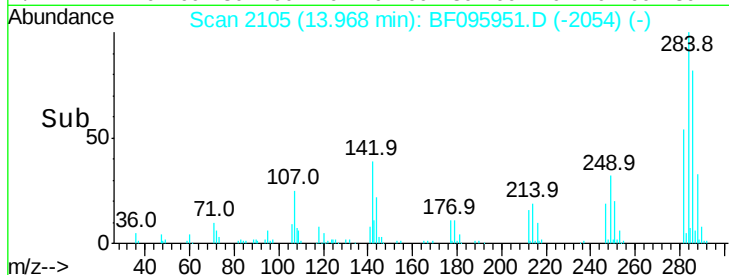
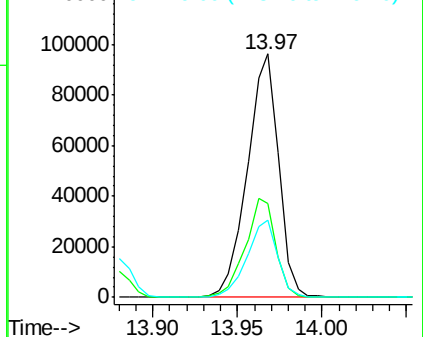
249 32.0 24.0 36.0



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: 41.30 ng

RT: 14.24 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

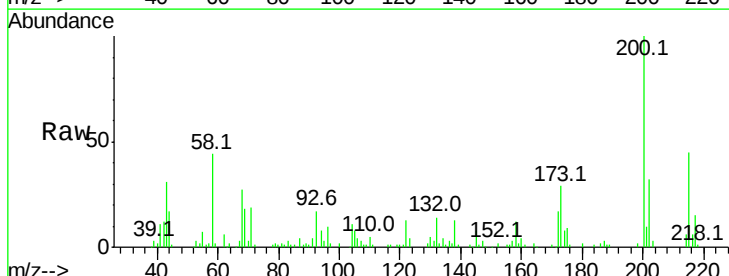
Tgt Ion:200 Resp: 122814

Ion Ratio Lower Upper

200 100

173 29.1 6.3 46.3

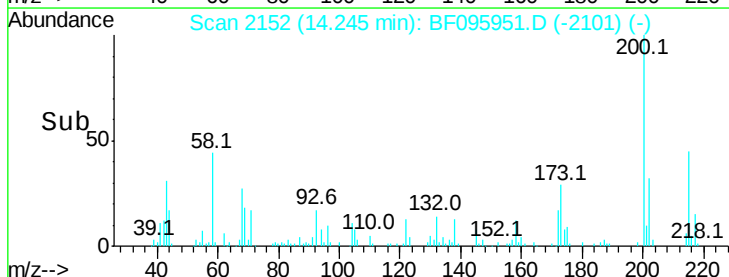
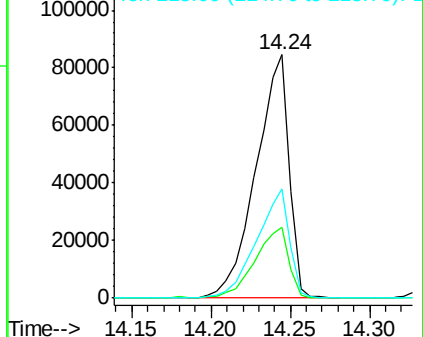
215 44.9 27.2 67.2

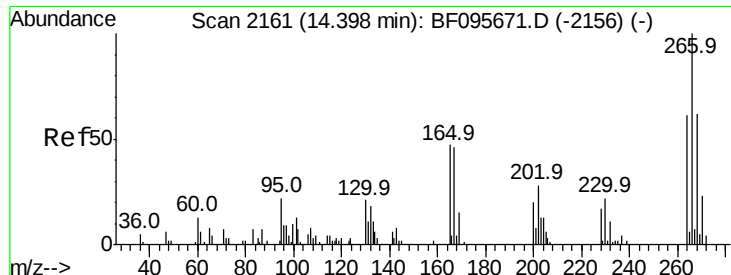


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

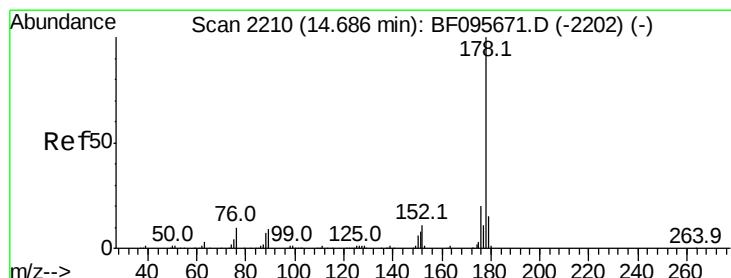
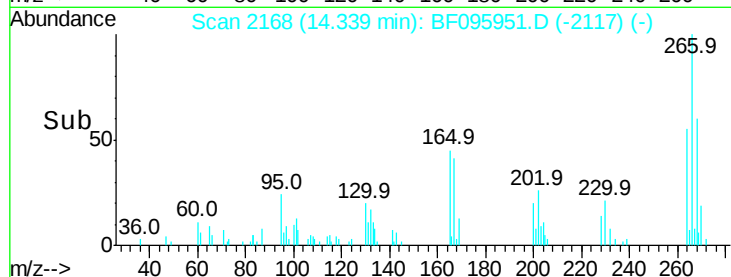
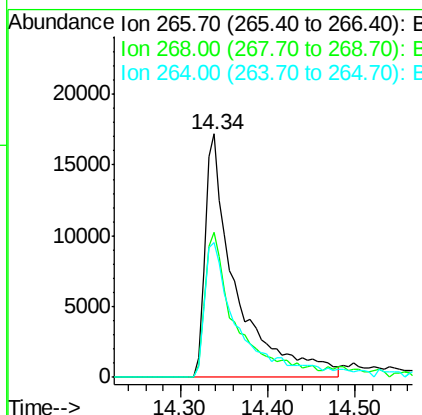
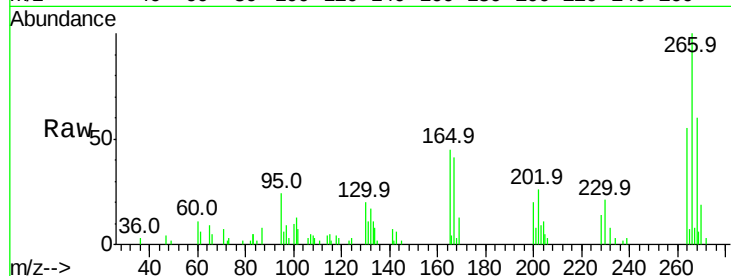




#69
 Pentachlorophenol
 Concen: 40.03 ng
 RT: 14.34 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

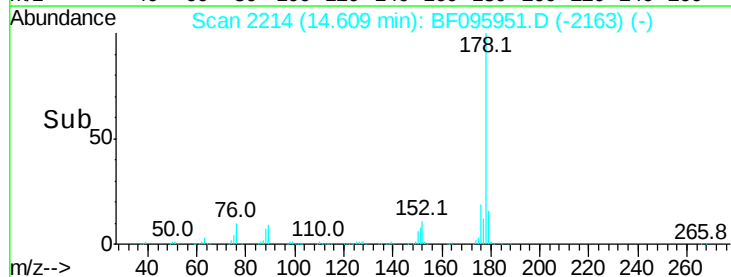
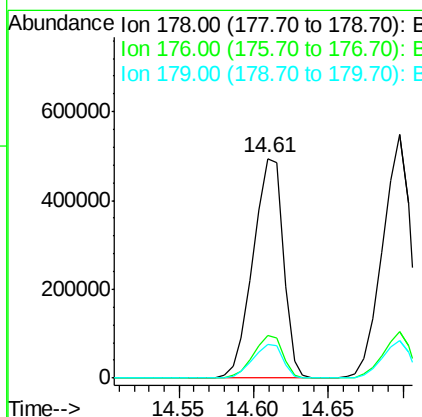
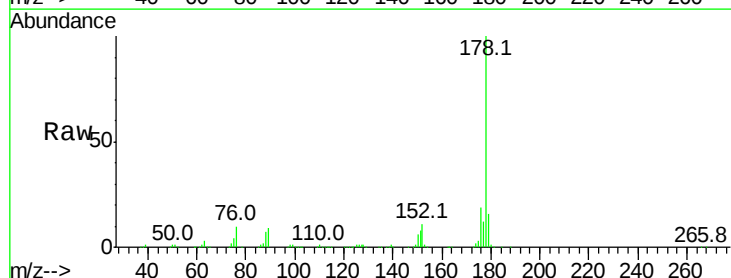
Instrument :
 BNA_F
 ClientSampleId :

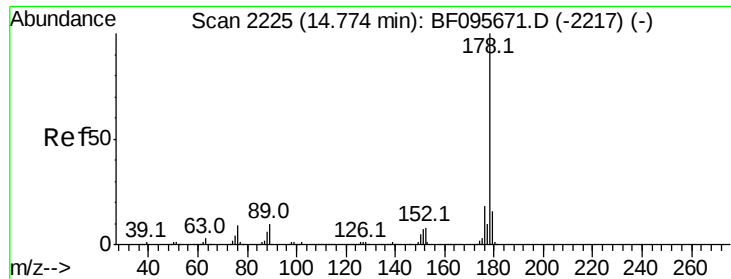
Tot Ion:266 Resp: 42065
 Ion Ratio Lower Upper
 266 100
 268 59.5 51.1 76.7
 264 55.2 51.7 77.5



#70
 Phenanthrene
 Concen: 40.31 ng
 RT: 14.61 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion:178 Resp: 691541
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.6 12.6 19.0

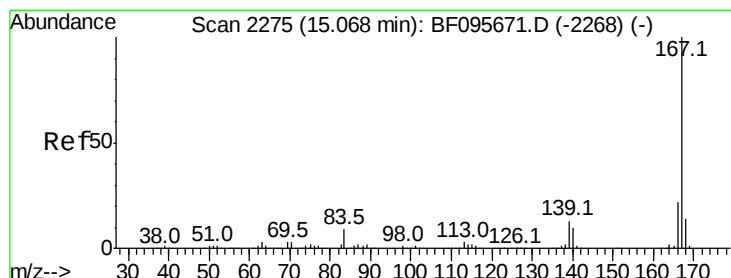
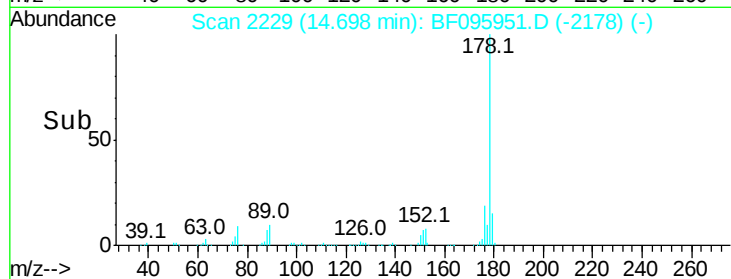
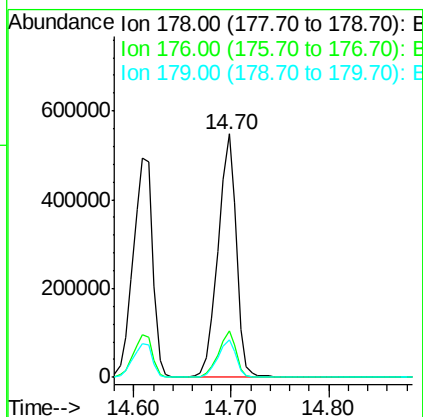
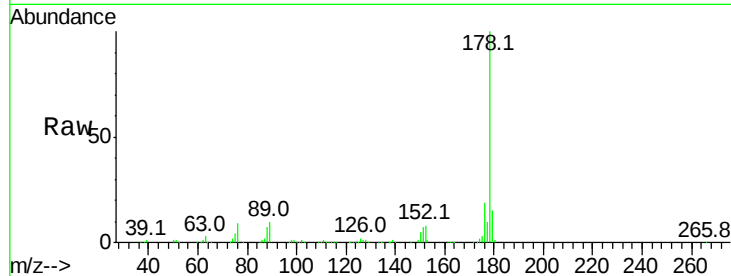




#71
 Anthracene
 Concen: 39.83 ng
 RT: 14.70 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

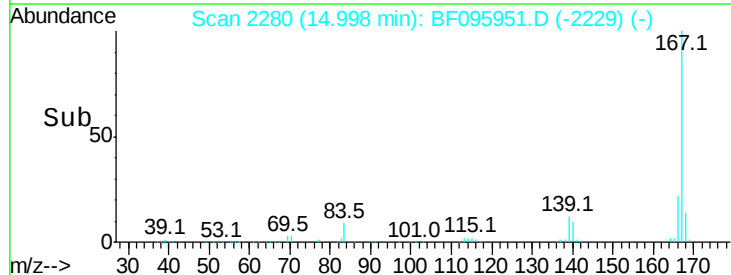
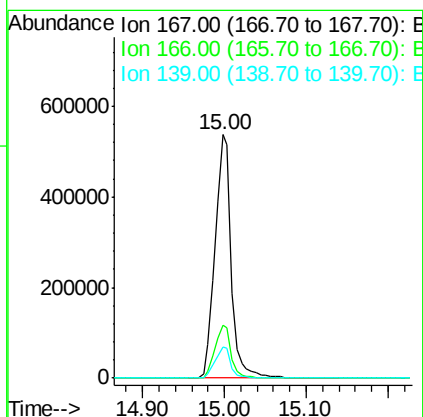
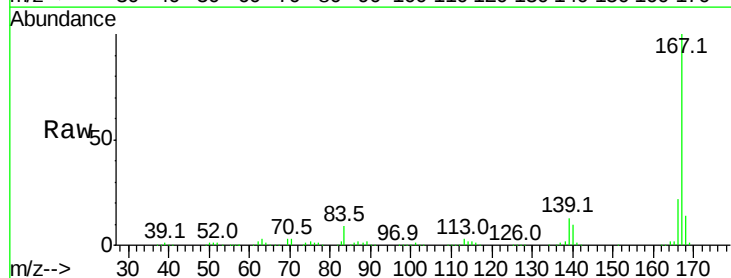
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 713349
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 42.59 ng
 RT: 15.00 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion:167 Resp: 743315
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.9 11.7 17.5

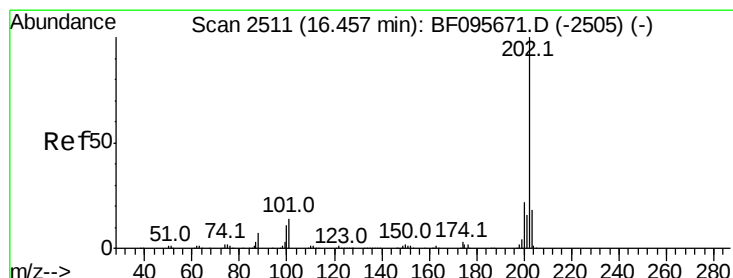
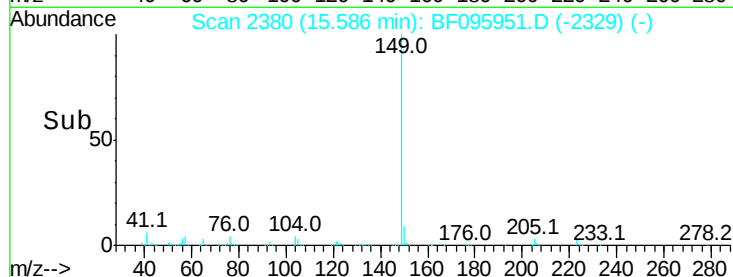
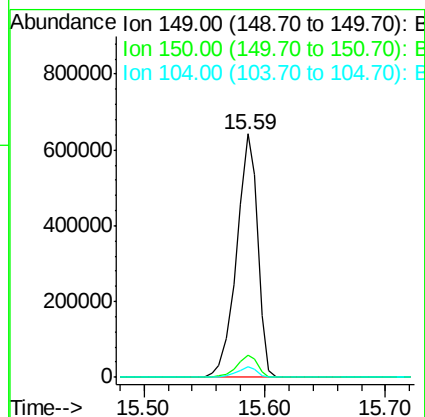
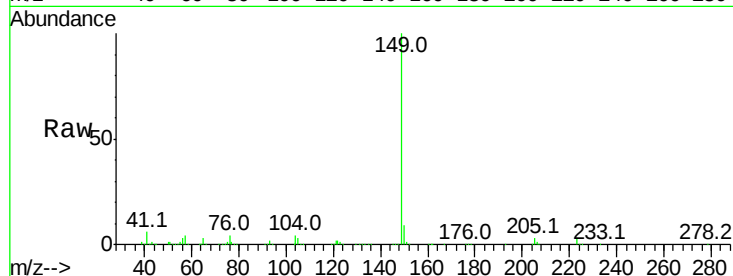




#73
Di-n-butylphthalate
Concen: 41.94 ng
RT: 15.59 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

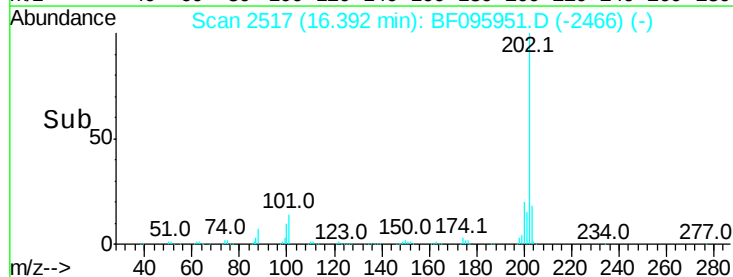
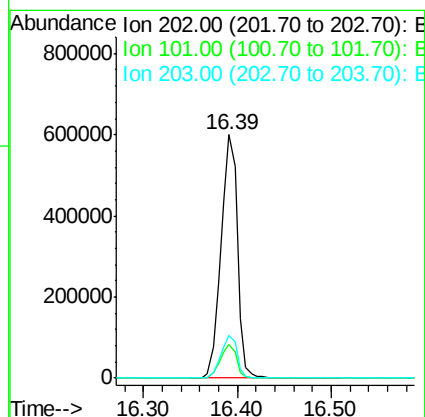
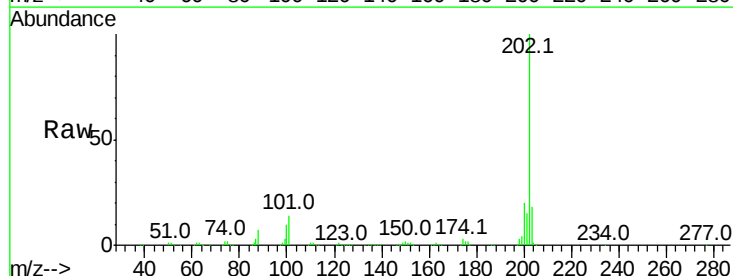
Instrument :
BNA_F
ClientSampleId :

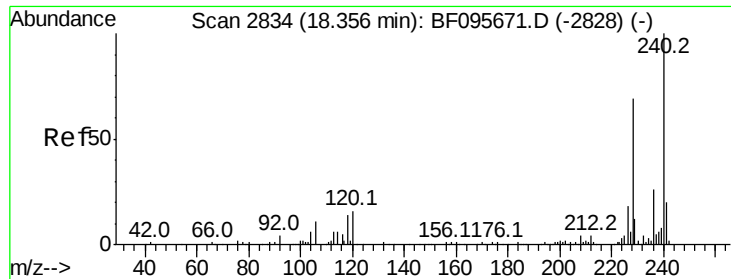
Tot Ion:149 Resp: 778766
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 43.15 ng
RT: 16.39 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:202 Resp: 732714
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 17.7 0.0 38.1

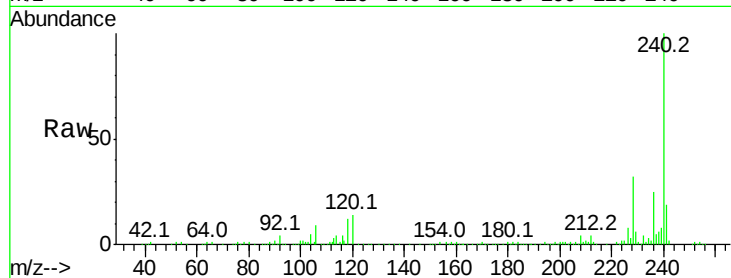




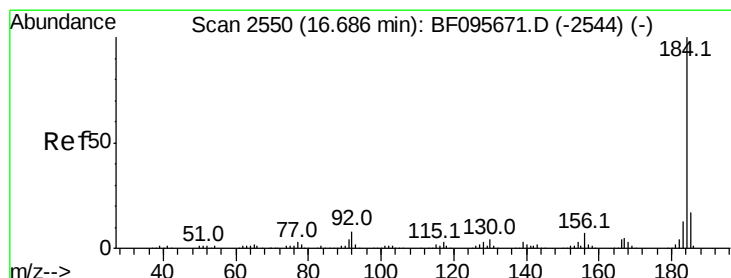
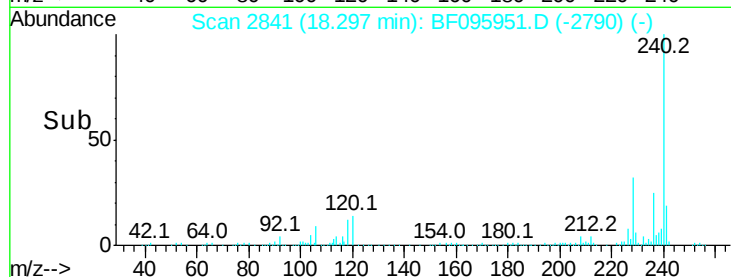
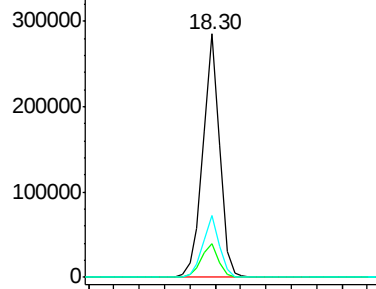
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 257623
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.2 20.5 30.7

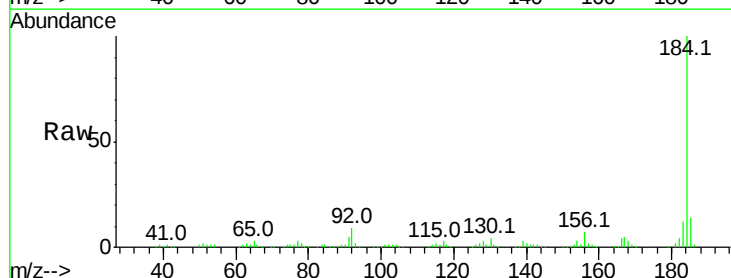


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

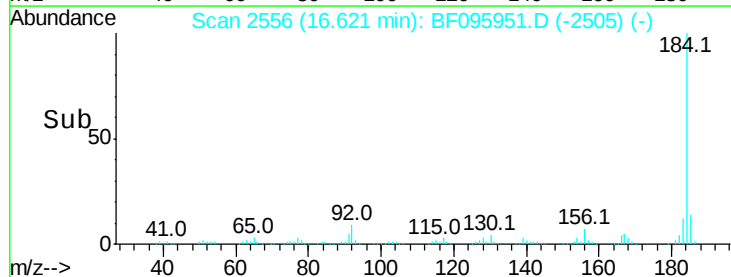
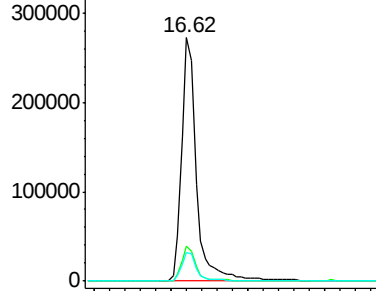


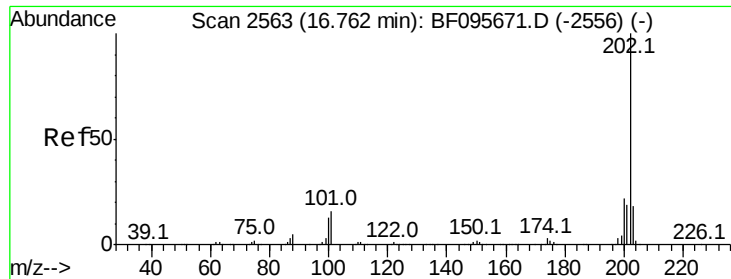
#76
Benzidine
Concen: 36.53 ng
RT: 16.62 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:184 Resp: 361447
Ion Ratio Lower Upper
184 100
185 14.2 15.5 23.3#
183 11.6 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

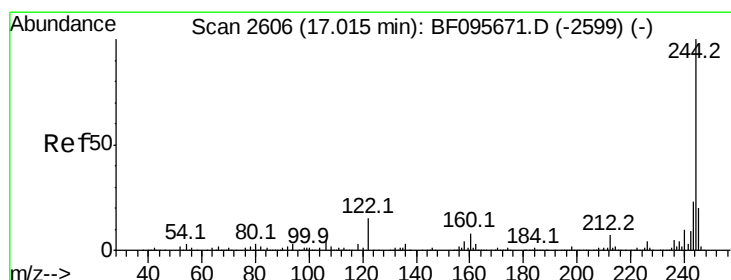
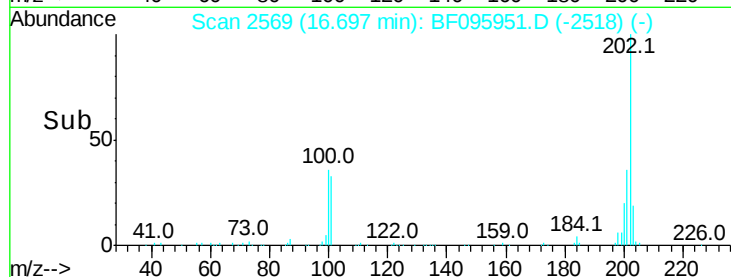
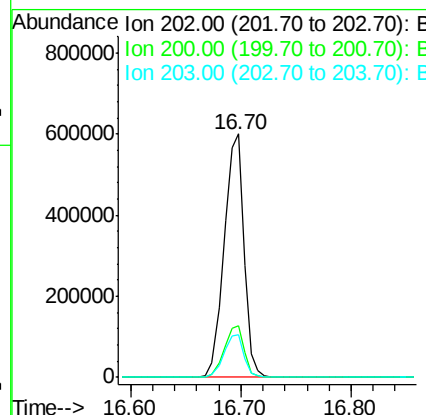
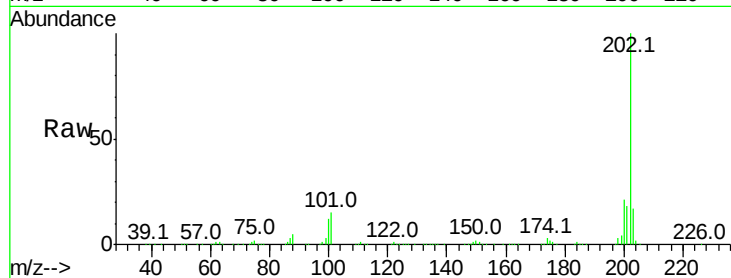




#77
Pvrene
Concen: 39.22 ng
RT: 16.70 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

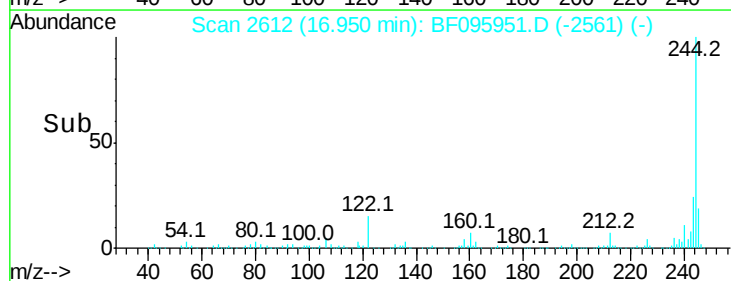
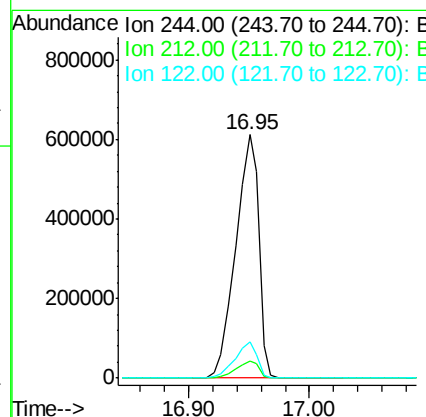
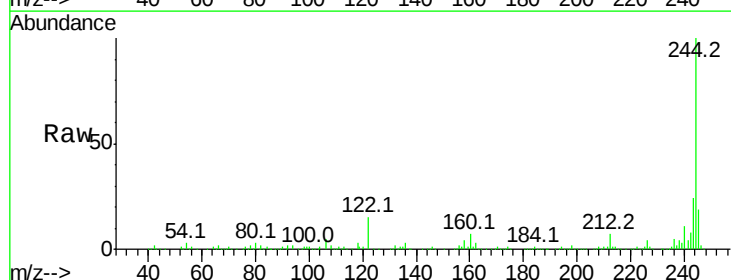
Instrument :
BNA_F
ClientSampleId :

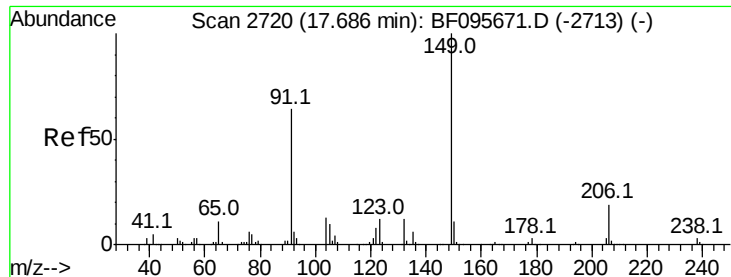
Tot Ion:202 Resp: 753873
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.5 14.4 21.6



#78
Terphenyl-d14
Concen: 78.14 ng
RT: 16.95 min Scan# 2612
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:244 Resp: 811122
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.7 10.3 15.5

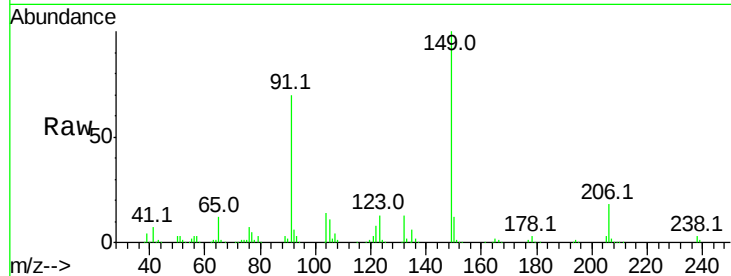




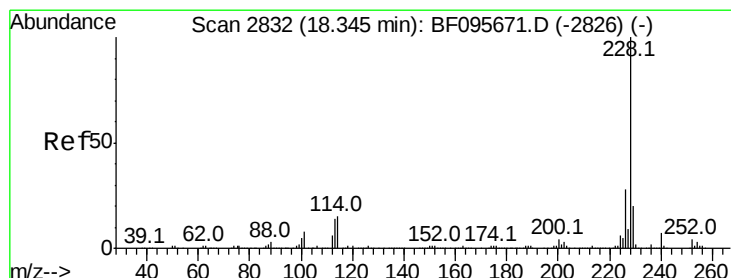
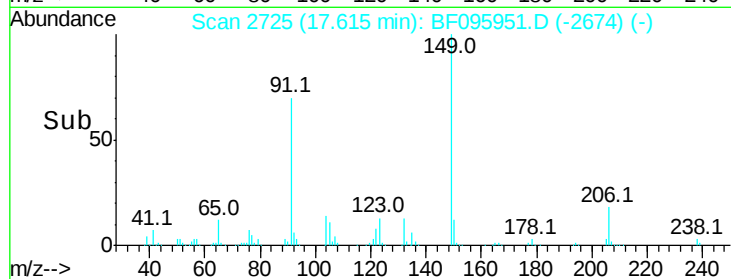
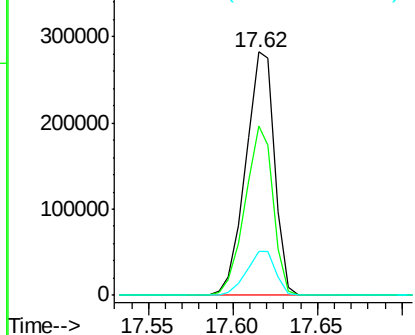
#79
Butylbenzylphthalate
Concen: 40.25 ng
RT: 17.62 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 337918
Ion Ratio Lower Upper
149 100
91 69.5 45.0 67.4#
206 17.8 17.0 25.6

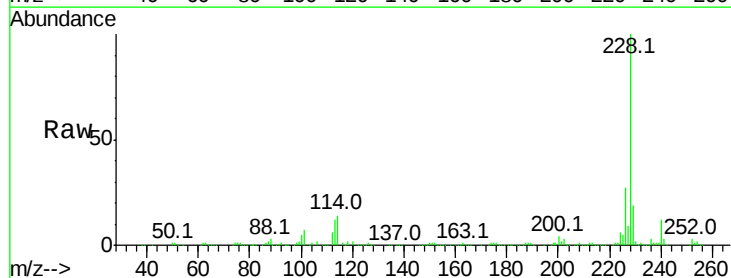


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

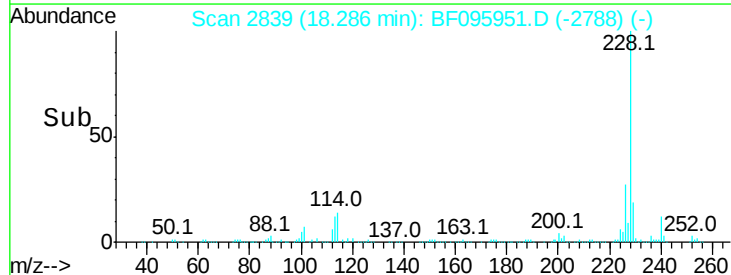
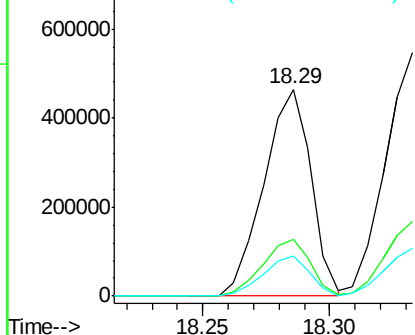


#80
Benzo(a)anthracene
Concen: 40.19 ng
RT: 18.29 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BF095951.D
Acq: 16 Jun 2017 12:39

Tgt Ion:228 Resp: 602013
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.5 16.3 24.5



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

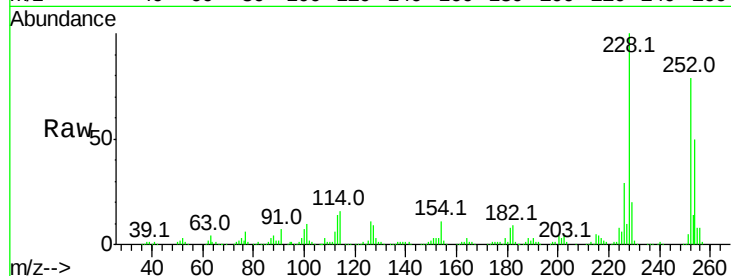




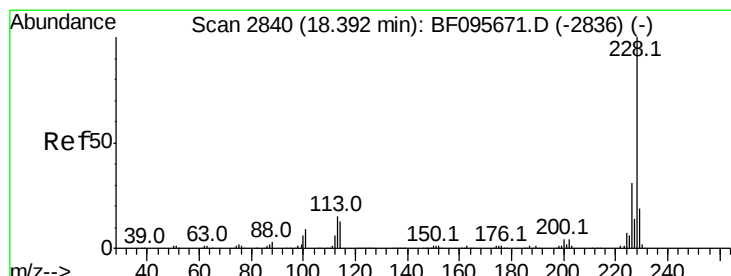
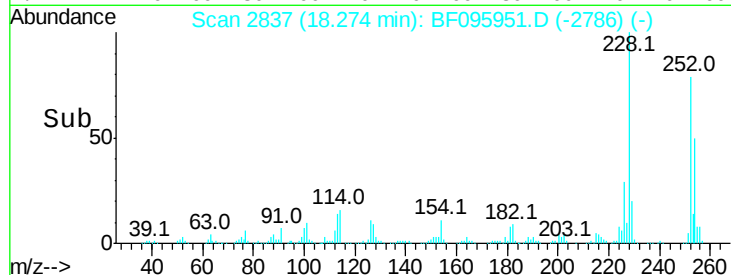
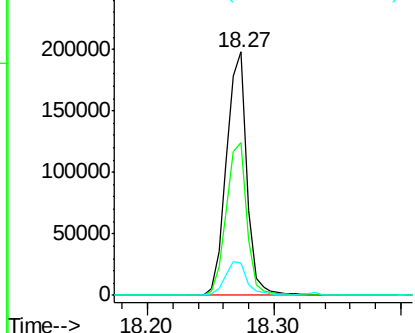
#81
 3,3'-Dichlorobenzidine
 Concen: 41.38 ng
 RT: 18.27 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 220349
 Ion Ratio Lower Upper
 252 100
 254 62.6 51.5 77.3
 126 13.4 15.8 23.8#

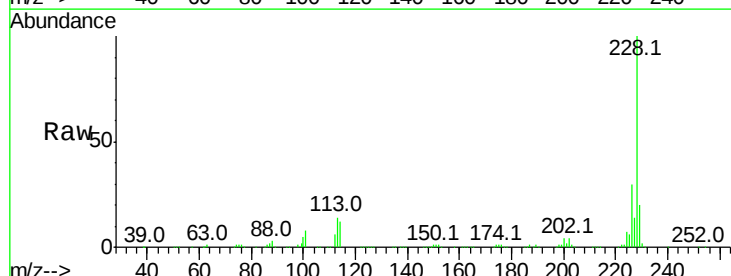


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

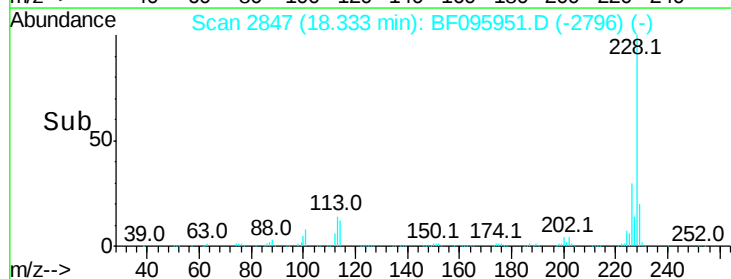
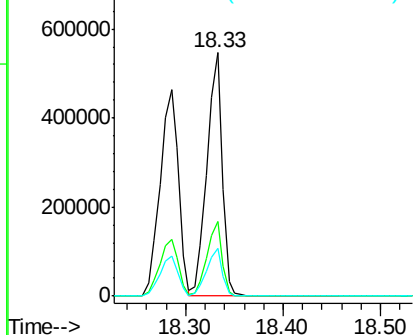


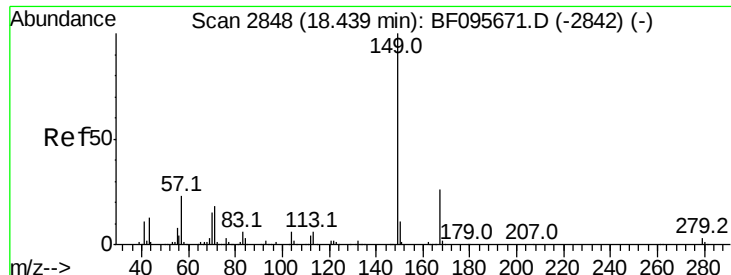
#82
 Chrysene
 Concen: 40.06 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion:228 Resp: 599580
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.7 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

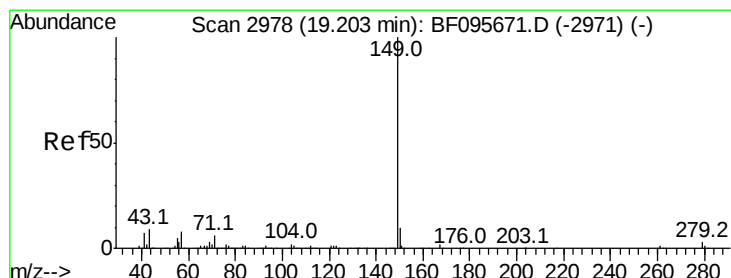
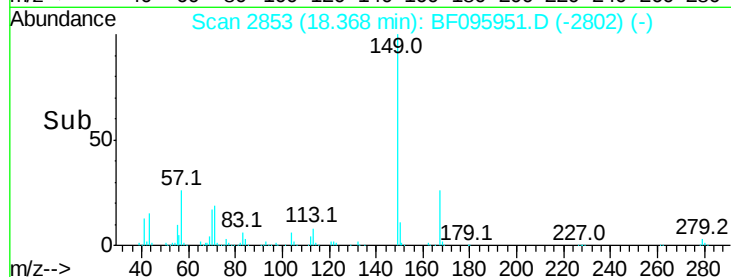
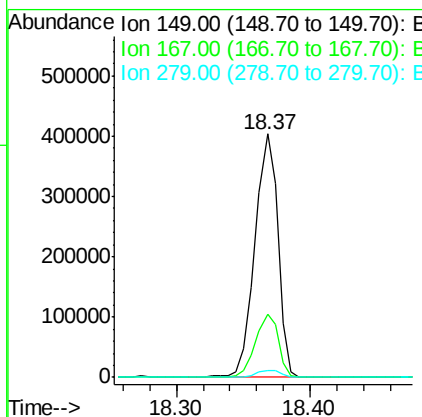
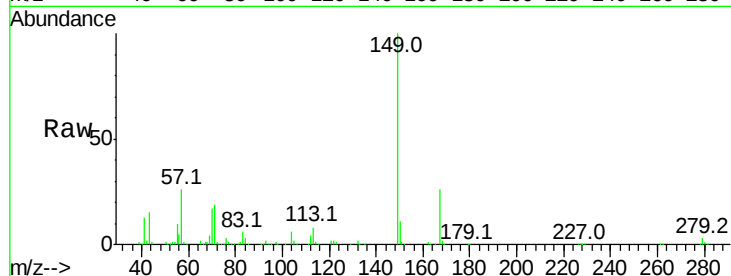




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.20 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

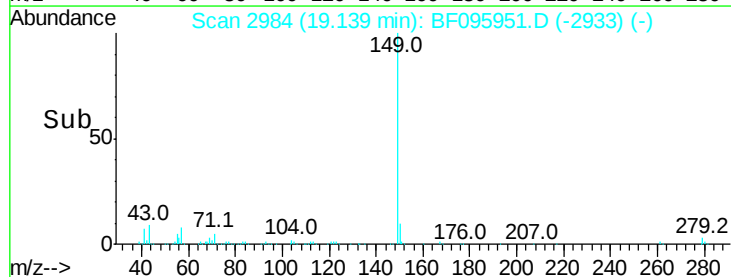
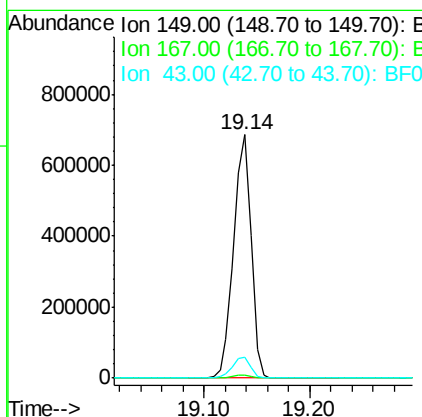
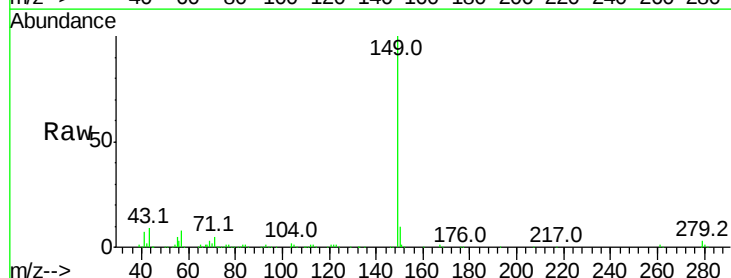
Instrument :
 BNA_F
 ClientSampleId :

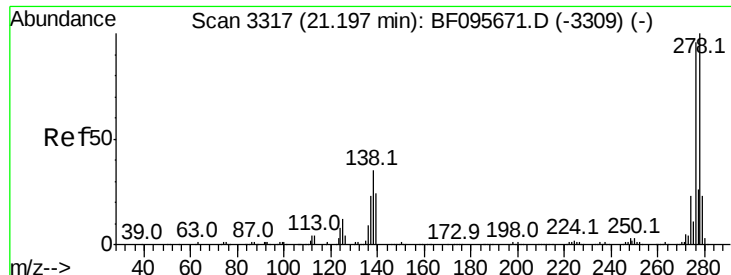
Tot Ion:149 Resp: 476008
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 39.93 ng
 RT: 19.14 min Scan# 2984
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion:149 Resp: 779252
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.9 8.5 12.7

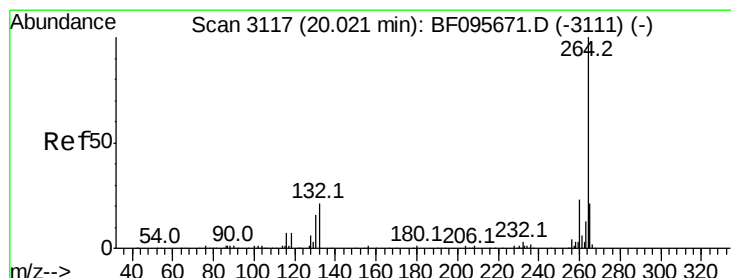
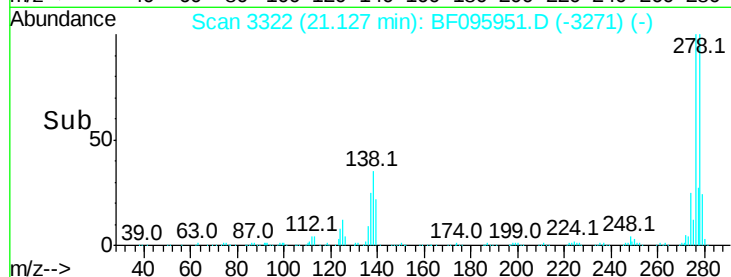
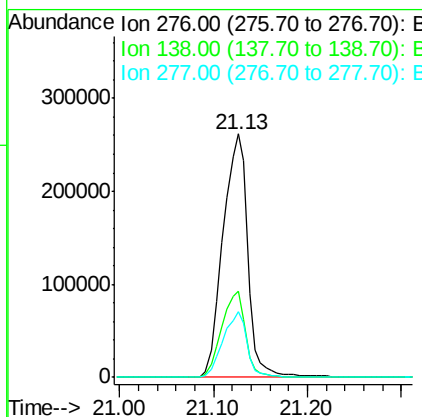
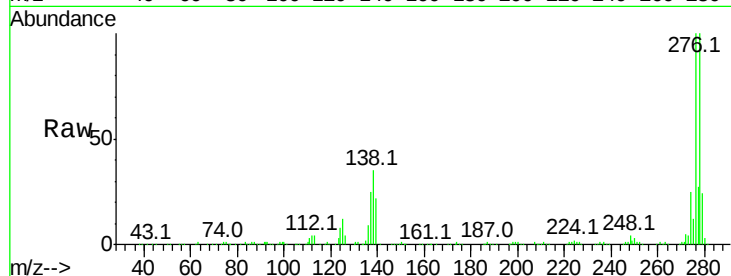




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.60 ng
 RT: 21.13 min Scan# 3322
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

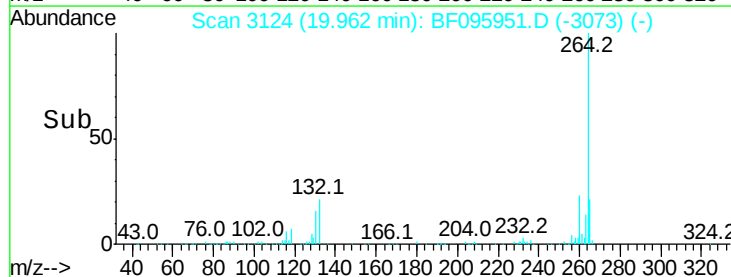
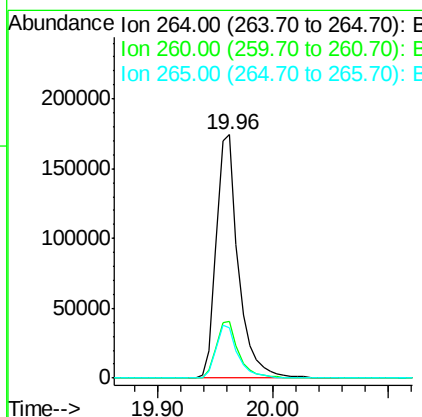
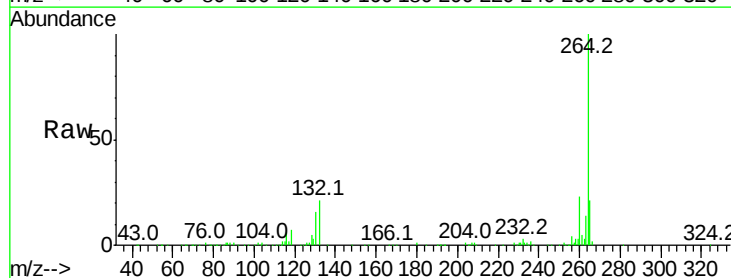
Instrument :
 BNA_F
 ClientSampleId :

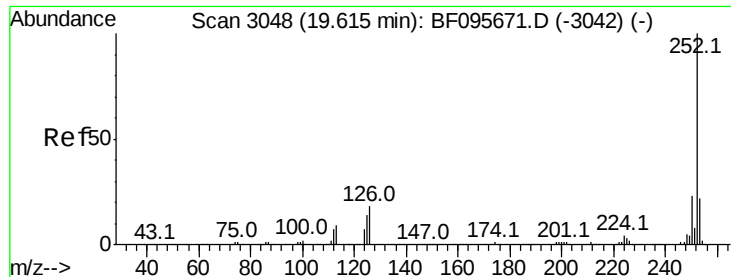
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BF095951.D
 Acq: 16 Jun 2017 12:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.11 ng

RT: 19.56 min Scan# 3055

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

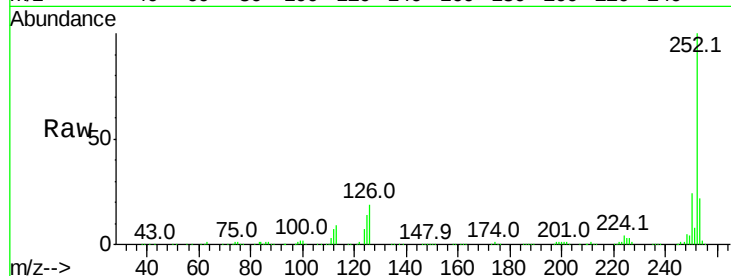
Tot Ion:252 Resp: 612770

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

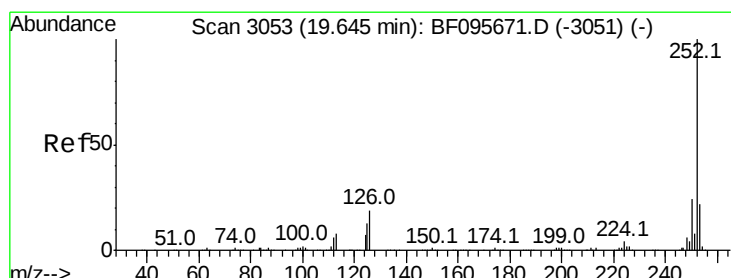
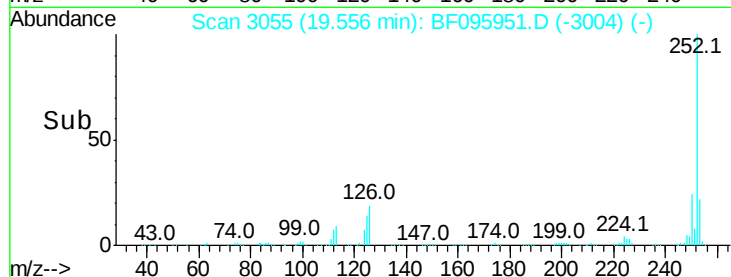
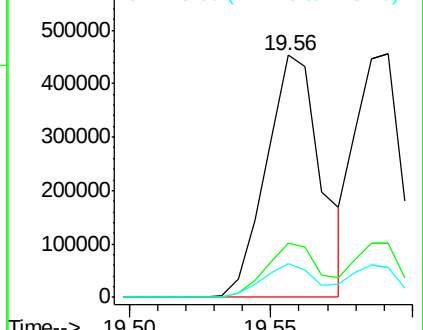
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.06 ng

RT: 19.56 min Scan# 3055

Delta R.T. -0.04 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

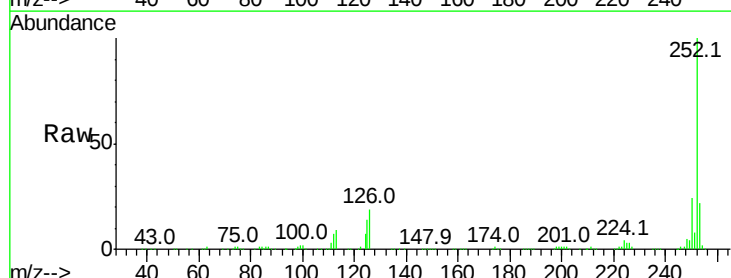
Tgt Ion:252 Resp: 612770

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

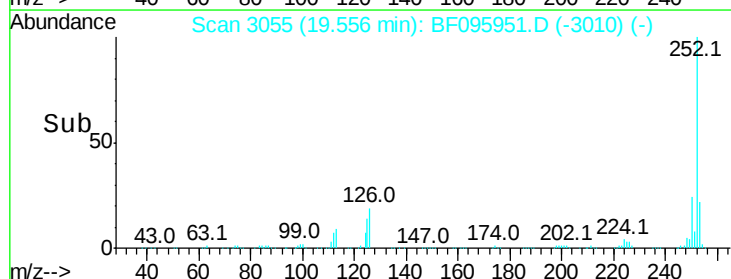
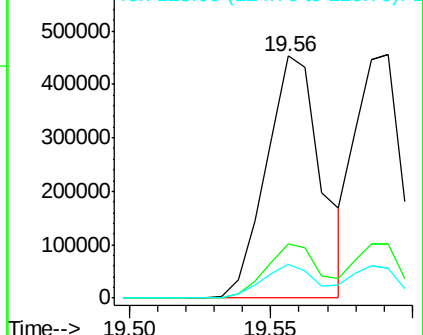
125 13.7 13.1 19.7

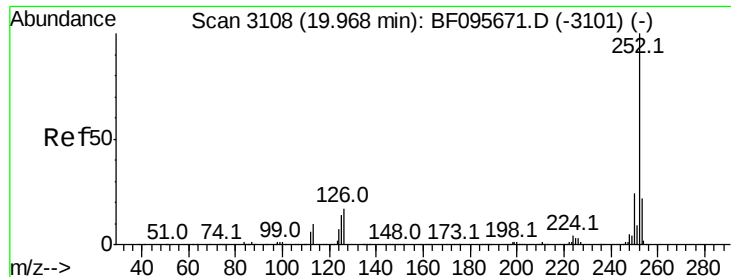


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.04 ng

RT: 19.91 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

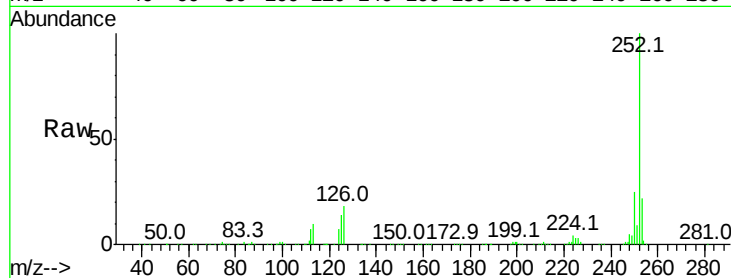
Tot Ion:252 Resp: 535462

Ion Ratio Lower Upper

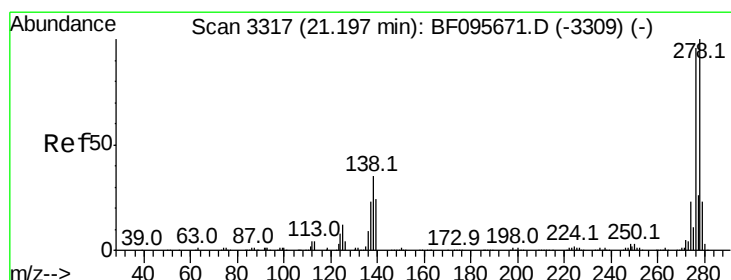
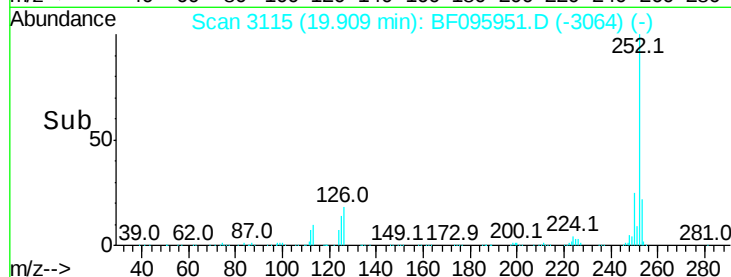
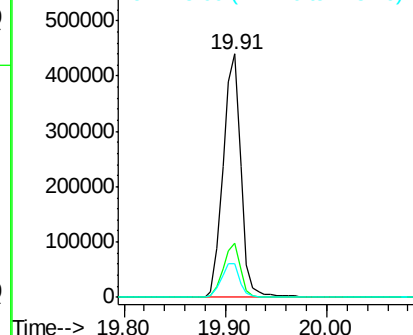
252 100

253 22.3 17.5 26.3

125 13.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.00 ng

RT: 21.13 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

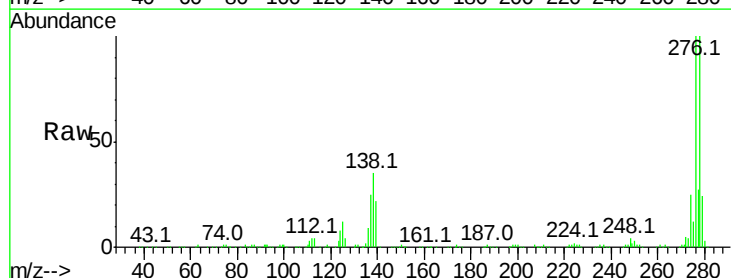
Tgt Ion:278 Resp: 408354

Ion Ratio Lower Upper

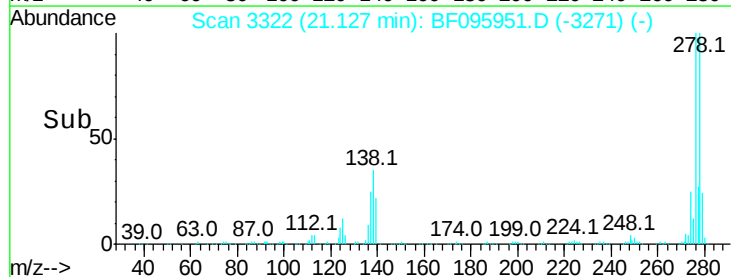
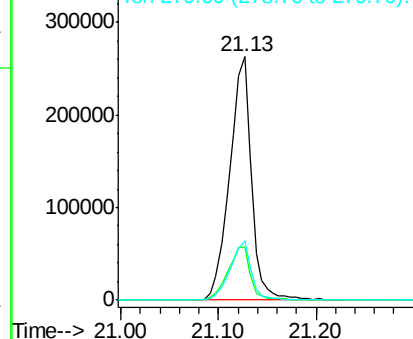
278 100

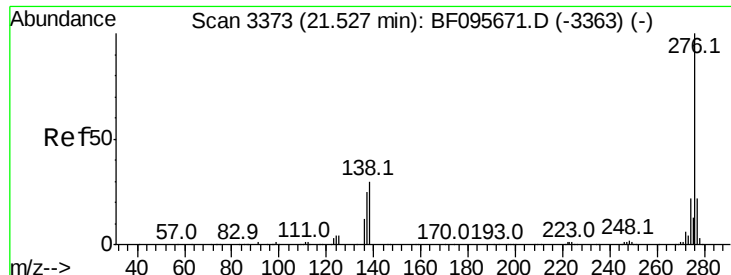
139 21.9 16.6 24.8

279 24.4 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: 36.09 ng

RT: 21.44 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BF095951.D

Acq: 16 Jun 2017 12:39

Instrument :

BNA_F

ClientSampleId :

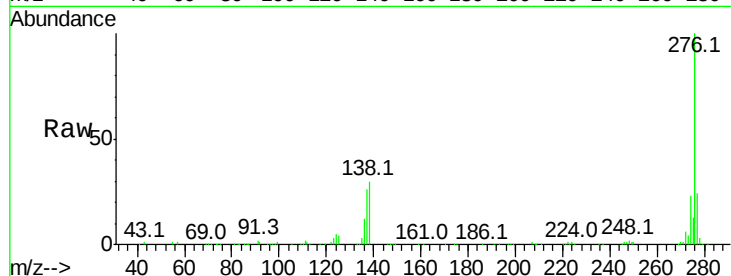
Tot Ion: 276 Resp: 417389

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 30.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

