

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095717.D
 Acq On : 6 Jun 2017 19:28
 Operator : SJ/MA
 Sample : I3469-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 02:46:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	75509	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	326986	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	150889	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	269933	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	183135	20.00	ng	-0.01
86) Perylene-d12	20.01	264	140009	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	716738	151.25	ng	0.00
7) Phenol-d6	6.95	99	865418	152.55	ng	0.00
23) Nitrobenzene-d5	8.30	82	504615	95.84	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	188284	141.03	ng	-0.01
44) 2-Fluorobiphenyl	11.20	172	971334	89.58	ng	-0.02
78) Terphenyl-d14	17.00	244	752546	101.98	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.76	88	85332	37.85	ng	94
3) Pyridine	2.32	79	176176	33.25	ng	96
4) n-Nitrosodimethylamine	2.28	42	97340	48.33	ng	86
6) Aniline	6.88	93	309395	41.69	ng	96
8) 2-Chlorophenol	7.07	128	266388	52.87	ng	96
9) Benzaldehyde	6.69	77	123698	32.32	ng	95
10) Phenol	6.97	94	294784	50.09	ng	88
11) bis(2-Chloroethyl)ether	7.03	93	230594	49.46	ng	96
12) 1,3-Dichlorobenzene	7.28	146	273842	48.02	ng	99
13) 1,4-Dichlorobenzene	7.41	146	279713	48.36	ng	98
14) 1,2-Dichlorobenzene	7.65	146	265623	49.82	ng	96
15) Benzyl Alcohol	7.69	79	216442	55.59	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.88	45	329809	50.35	ng	96
17) 2-Methylphenol	7.91	107	222283	52.57	ng	96
18) Hexachloroethane	8.16	117	92800	48.58	ng	87
19) n-Nitroso-di-n-propylamine	8.12	70	188561	52.45	ng	93
20) 3+4-Methylphenols	8.17	107	287669	53.60	ng	# 59
22) Acetophenone	8.07	105	376635	49.21	ng	# 85
24) Nitrobenzene	8.33	77	262317	46.64	ng	93
25) Isophorone	8.74	82	486416	49.48	ng	95
26) 2-Nitrophenol	8.84	139	148752	50.51	ng	97
27) 2,4-Dimethylphenol	8.99	122	240281	52.57	ng	97
28) bis(2-Chloroethoxy)methane	9.12	93	321498	49.61	ng	98
29) 2,4-Dichlorophenol	9.26	162	231821	52.66	ng	96
30) 1,2,4-Trichlorobenzene	9.35	180	221107	48.27	ng	99
31) Naphthalene	9.45	128	766859	46.73	ng	99
32) Benzoic acid	9.32	122	65152	25.49	ng	90
33) 4-Chloroaniline	9.59	127	251263	39.17	ng	# 93
34) Hexachlorobutadiene	9.67	225	110042	46.50	ng	98
35) Caprolactam	10.24	113	34565	26.39	ng	# 87
36) 4-Chloro-3-methylphenol	10.47	107	237668	51.58	ng	91
37) 2-Methylnaphthalene	10.58	142	525838	47.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	208744	46.22	ng	99
40) Hexachlorocyclopentadiene	10.83	237	127799	88.84	ng	98

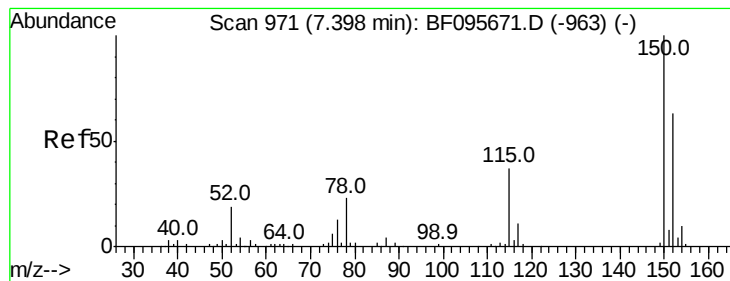
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.08	196	148399	51.11	nq	98
43) 2,4,5-Trichlorophenol	11.16	196	147195	47.66	nq #	91
45) 1,1'-Biphenyl	11.35	154	584009	46.96	nq	97
46) 2-Chloronaphthalene	11.36	162	459577	47.30	nq	95
47) 2-Nitroaniline	11.58	65	138282	48.63	nq #	77
48) Acenaphthylene	12.01	152	732533	44.09	nq	99
49) Dimethylphthalate	11.91	163	760106	66.35	nq	99
50) 2,6-Dinitrotoluene	12.00	165	120738	48.32	nq #	84
51) Acenaphthene	12.30	154	435003	45.33	nq	99
52) 3-Nitroaniline	12.26	138	104390	35.86	nq	91
53) 2,4-Dinitrophenol	12.47	184	57218	43.64	nq #	67
54) Dibenzofuran	12.58	168	664208	49.18	nq	98
55) 4-Nitrophenol	12.64	139	156371	91.30	nq #	77
56) 2,4-Dinitrotoluene	12.66	165	168409	49.90	nq #	93
57) Fluorene	13.13	166	523697	44.56	nq	97
58) 2,3,4,6-Tetrachlorophenol	12.83	232	117522	55.62	nq #	91
59) Diethylphthalate	13.06	149	544195	49.36	nq	99
60) 4-Chlorophenyl-phenylether	13.16	204	237551	46.48	nq	91
61) 4-Nitroaniline	13.26	138	124487	45.80	nq	96
62) Azobenzene	13.42	77	490094	49.05	nq	94
64) 4,6-Dinitro-2-methylphenol	13.33	198	68589	38.66	nq #	65
65) n-Nitrosodiphenylamine	13.38	169	462114	47.64	nq	98
66) 4-Bromophenyl-phenylether	13.94	248	135113	48.16	nq	95
67) Hexachlorobenzene	14.03	284	132328	47.87	nq #	89
68) Atrazine	14.30	200	132531	49.10	nq	98
69) Pentachlorophenol	14.38	266	95404	90.11	nq	99
70) Phenanthrene	14.67	178	723992	46.48	nq	97
71) Anthracene	14.76	178	743701	45.74	nq	98
72) Carbazole	15.05	167	693613	43.77	nq	98
73) Di-n-butylphthalate	15.64	149	820526	48.67	nq	99
74) Fluoranthene	16.44	202	696572	45.19	nq	98
76) Benzidine	16.67	184	254215	36.14	nq #	92
77) Pyrene	16.75	202	698498	51.12	nq	99
79) Butylbenzylphthalate	17.67	149	324371	54.35	nq	89
80) Benzo(a)anthracene	18.33	228	501002	47.05	nq	99
81) 3,3'-Dichlorobenzidine	18.32	252	148227	39.16	nq #	95
82) Chrysene	18.38	228	483996	45.49	nq	98
83) Bis(2-ethylhexyl)phthalate	18.43	149	459061	54.53	nq #	99
84) Di-n-octyl phthalate	19.19	149	693209	49.97	nq	95
85) Indeno(1,2,3-cd)pyrene	21.19	276	407974	44.81	nq	100
87) Benzo(b)fluoranthene	19.60	252	425831	48.57	nq	98
88) Benzo(k)fluoranthene	19.60	252	425831	50.82	nq	96
89) Benzo(a)pyrene	19.95	252	375271	46.57	nq	99
90) Dibenzo(a,h)anthracene	21.19	278	339671	49.69	nq	99
91) Benzo(g,h,i)perylene	21.51	276	359025	51.52	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampled :

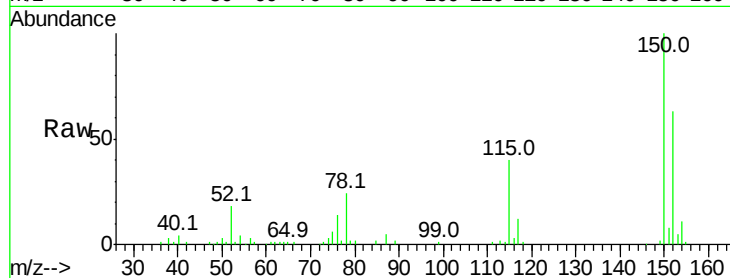
Tot Ion:152 Resp: 75509

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

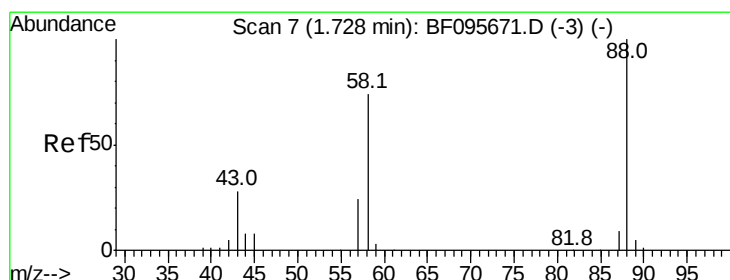
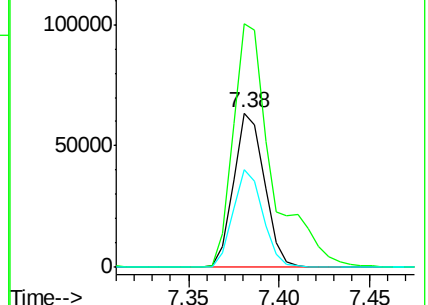
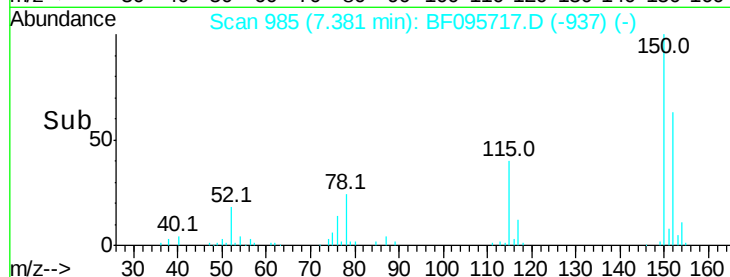
115 63.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.85 ng

RT: 1.76 min Scan# 29

Delta R.T. 0.03 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

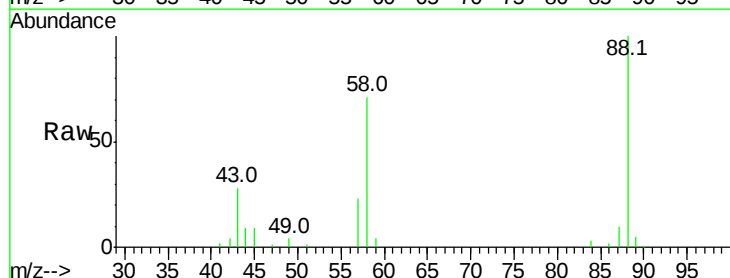
Tgt Ion: 88 Resp: 85332

Ion Ratio Lower Upper

88 100

58 71.2 61.4 92.0

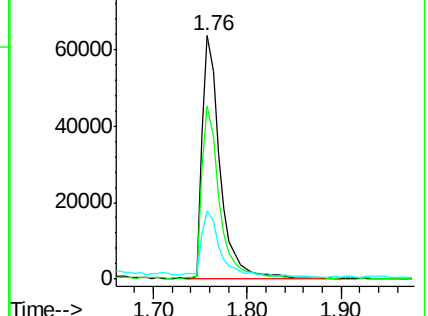
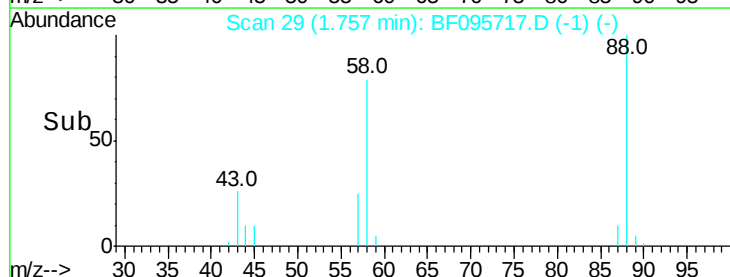
43 26.5 23.4 35.0

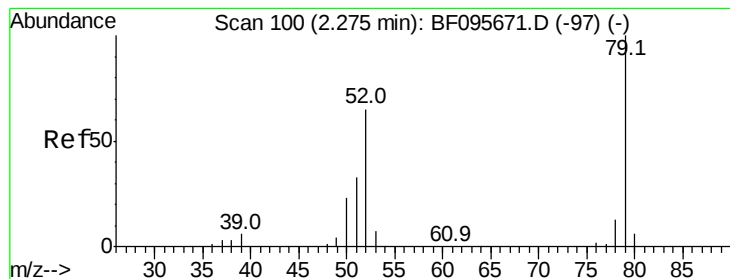


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.25 ng

RT: 2.32 min Scan# 125

Delta R.T. 0.05 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

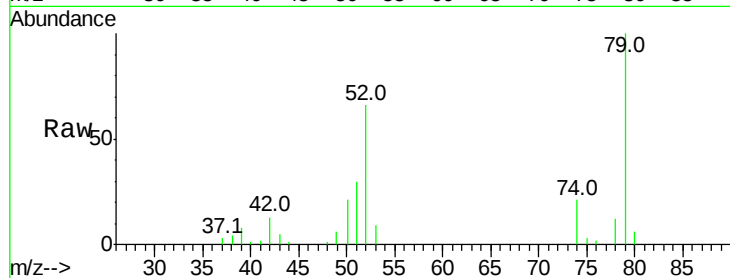
Tot Ion: 79 Resp: 176176

Ion Ratio Lower Upper

79 100

52 66.5 54.8 82.2

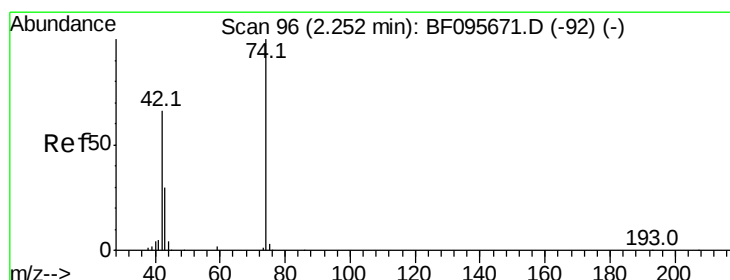
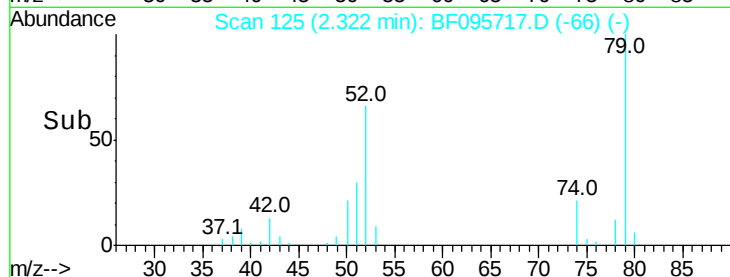
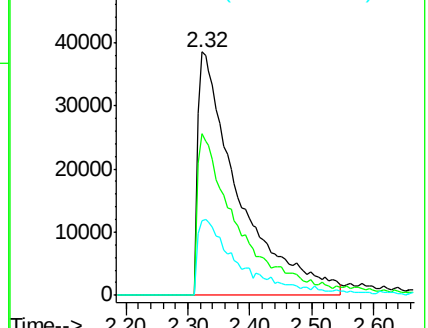
51 30.4 27.0 40.4



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: 48.33 ng

RT: 2.28 min Scan# 117

Delta R.T. 0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

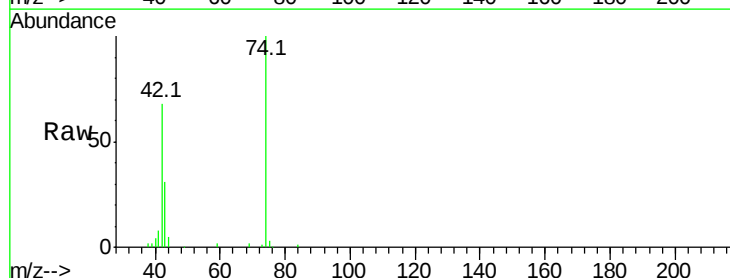
Tgt Ion: 42 Resp: 97340

Ion Ratio Lower Upper

42 100

74 147.0 103.9 155.9

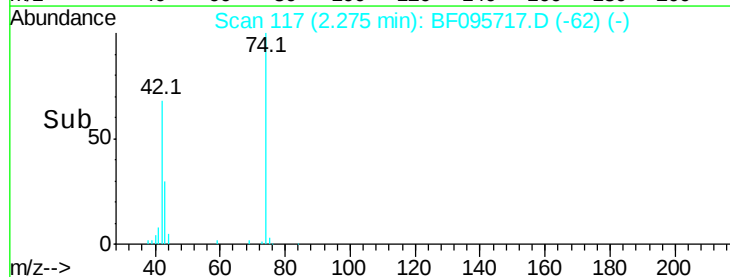
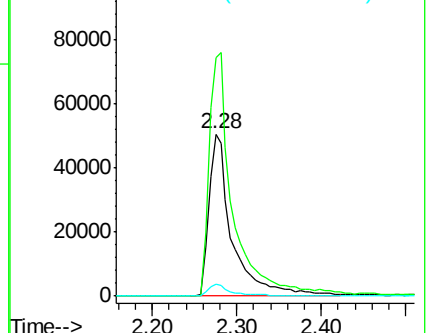
44 7.3 5.7 8.5

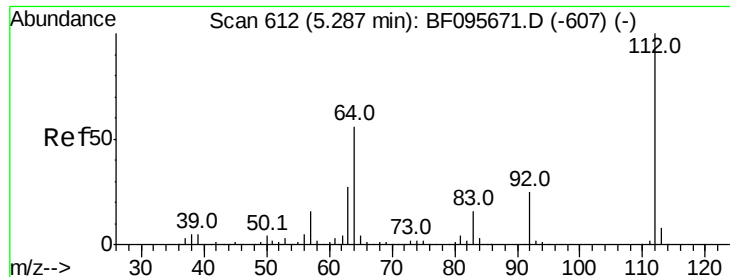


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 151.25 ng

RT: 5.29 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampled :

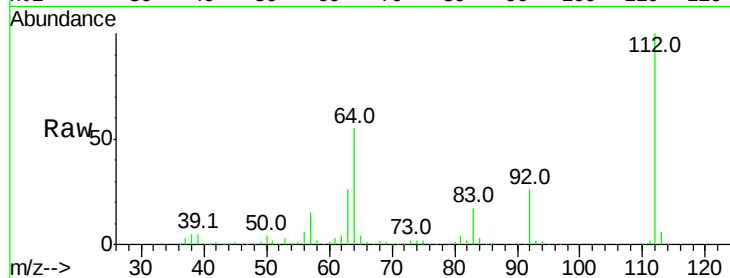
Tot Ion:112 Resp: 716738

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

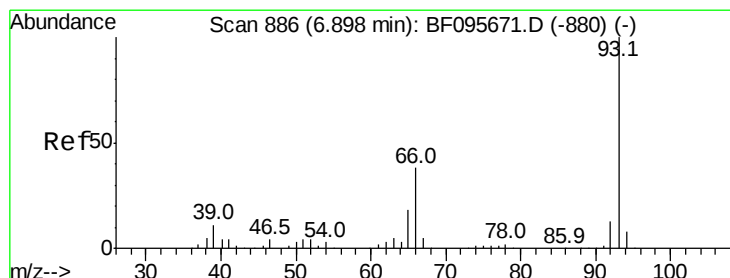
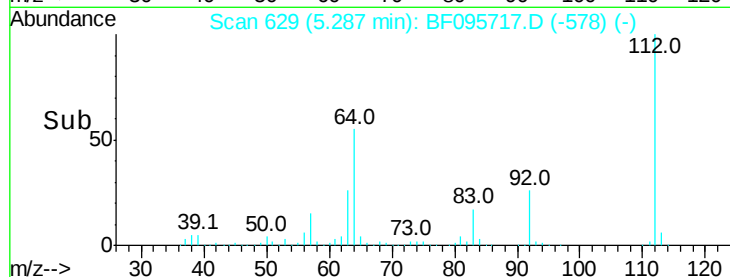
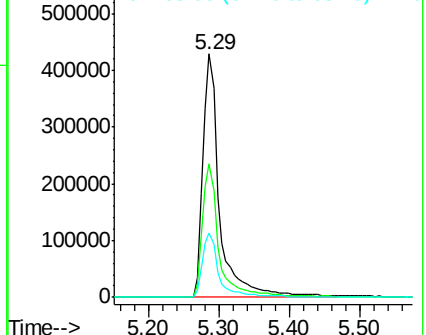
63 26.3 23.4 35.0



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: 41.69 ng

RT: 6.88 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

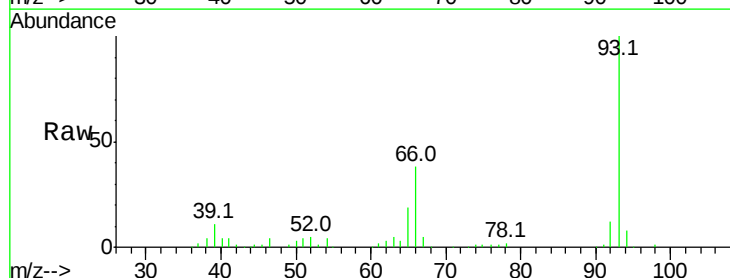
Tgt Ion: 93 Resp: 309395

Ion Ratio Lower Upper

93 100

66 38.3 32.9 49.3

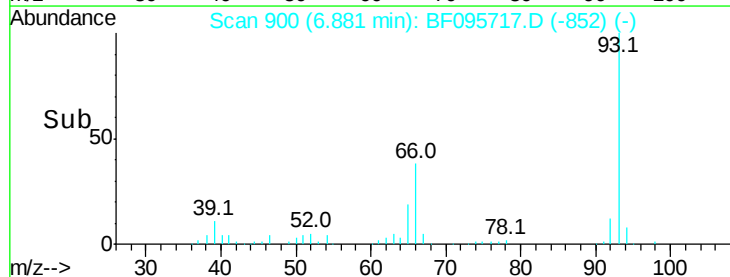
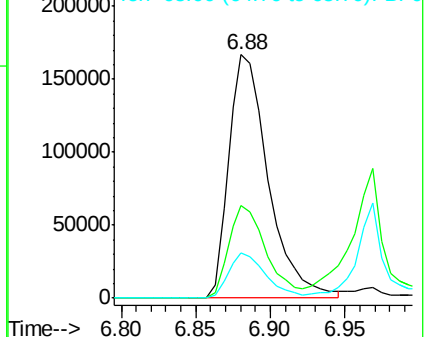
65 18.5 16.0 24.0



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: 152.55 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampled :

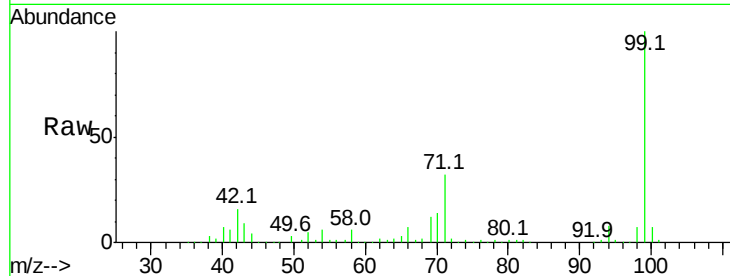
Tot Ion: 99 Resp: 865418

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

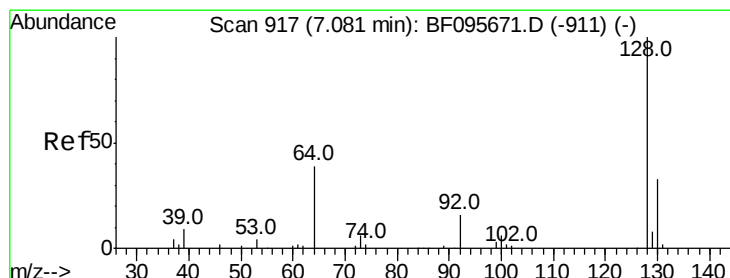
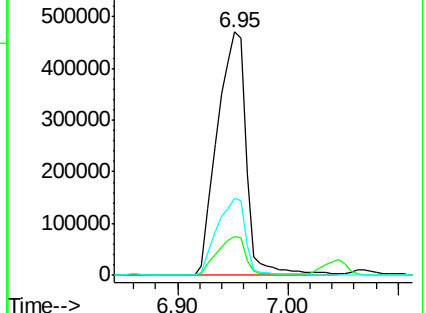
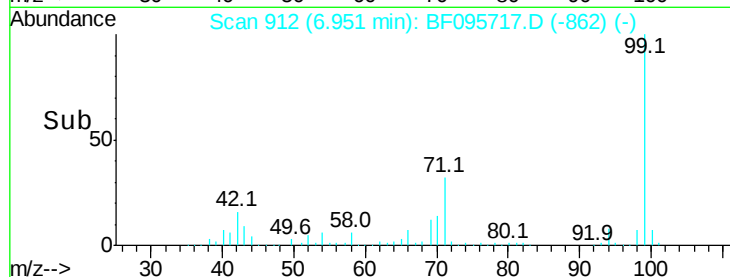
71 31.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 52.87 ng

RT: 7.07 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

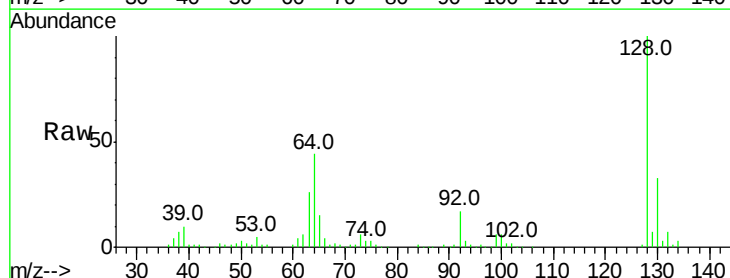
Tgt Ion:128 Resp: 266388

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

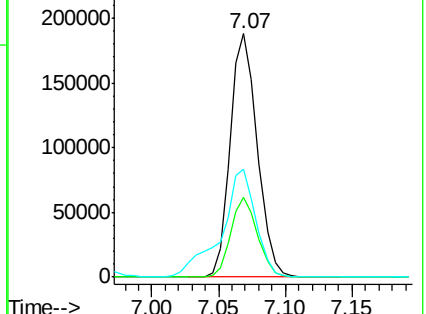
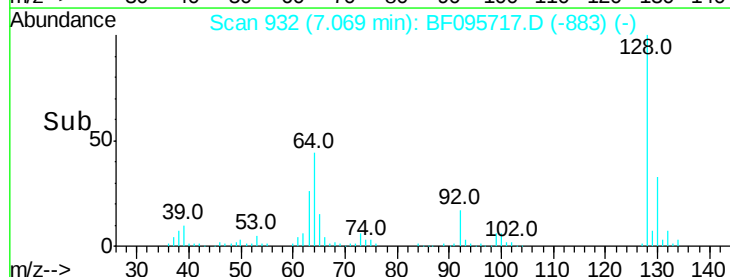
64 44.2 28.4 68.4

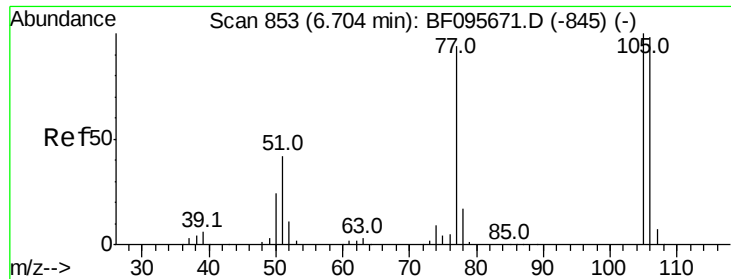


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.32 ng

RT: 6.69 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

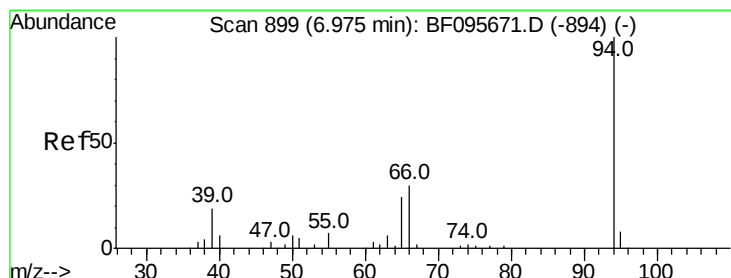
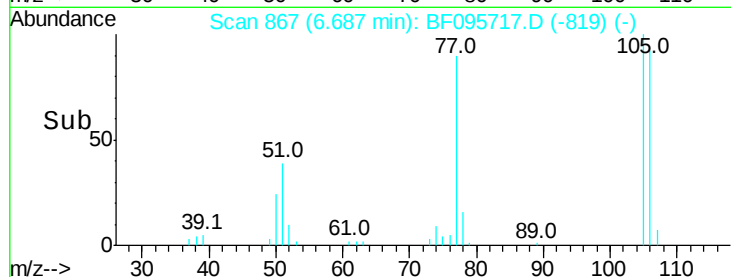
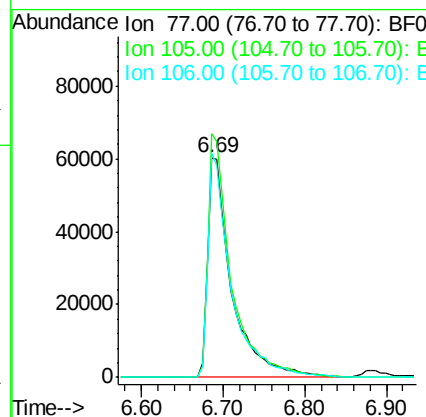
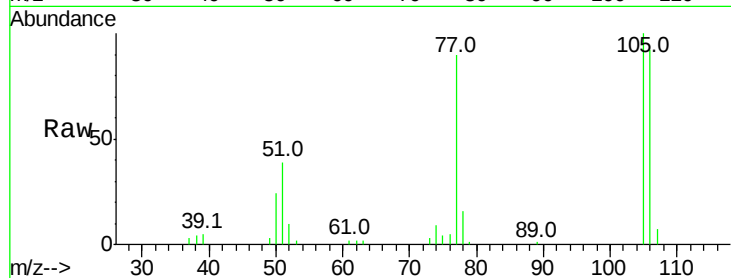
Tot Ion: 77 Resp: 123698

Ion Ratio Lower Upper

77 100

105 110.9 83.8 123.8

106 102.3 79.1 119.1



#10

Phenol

Concen: 50.09 ng

RT: 6.97 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

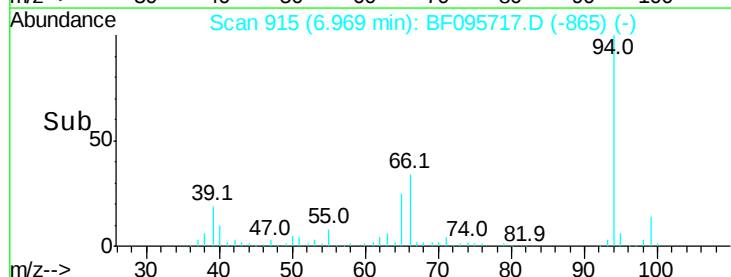
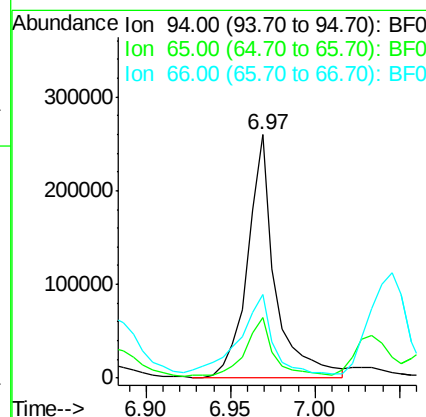
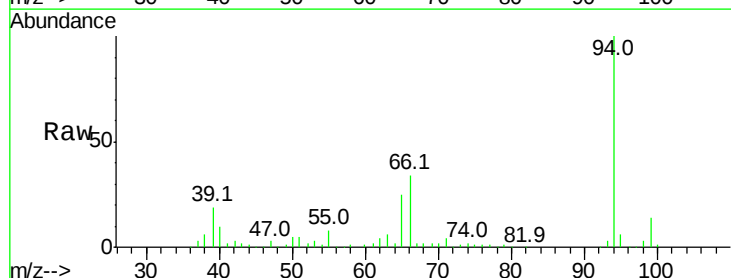
Tgt Ion: 94 Resp: 294784

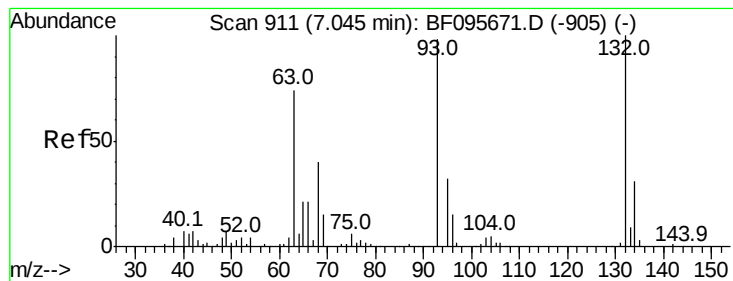
Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

66 34.4 23.1 63.1

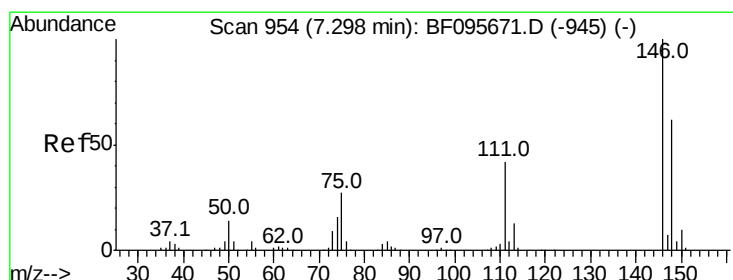
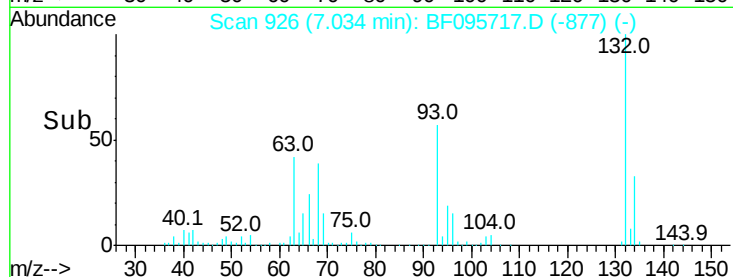
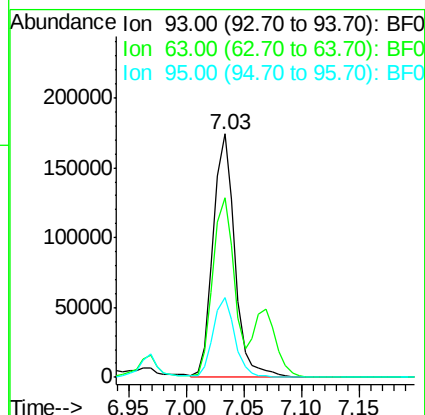
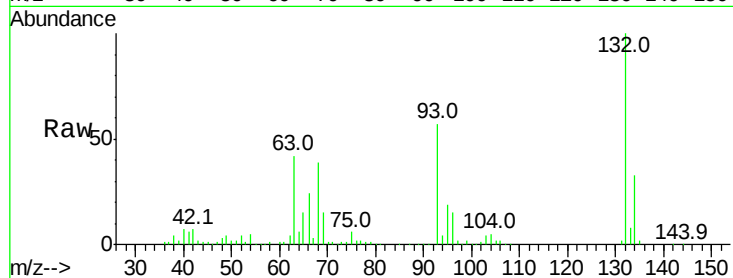




#11
bis(2-Chloroethyl)ether
Concen: 49.46 ng
RT: 7.03 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

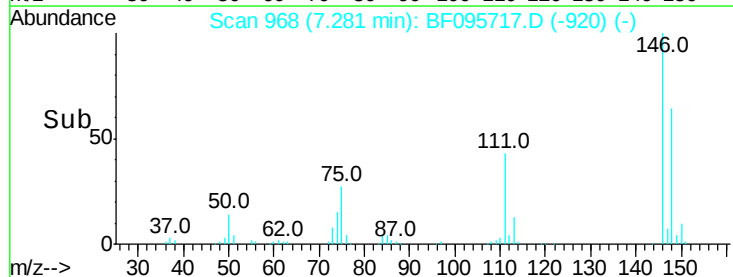
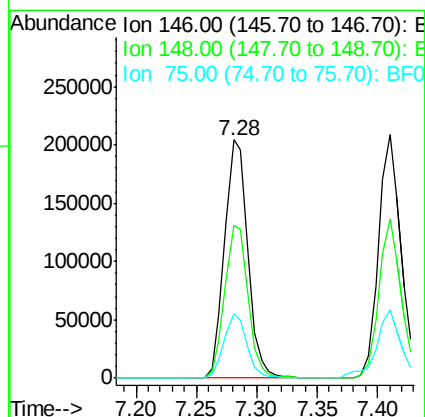
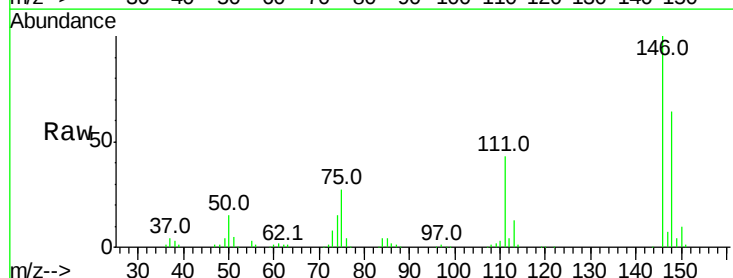
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 230594
Ion Ratio Lower Upper
93 100
63 73.9 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 48.02 ng
RT: 7.28 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion: 146 Resp: 273842
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 27.2 23.1 34.7

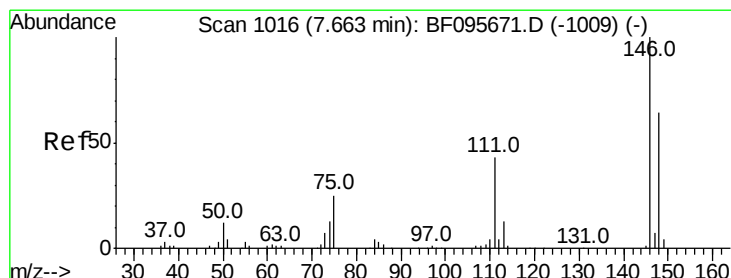
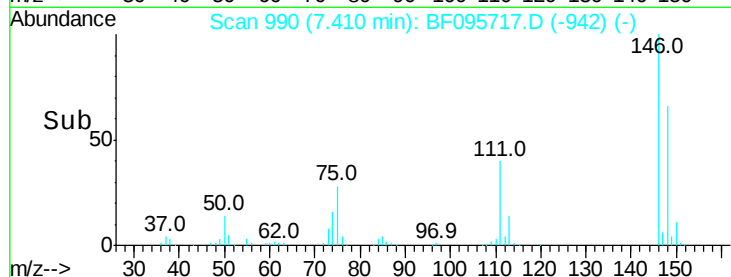
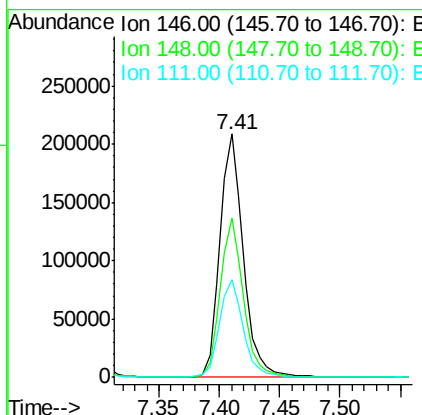
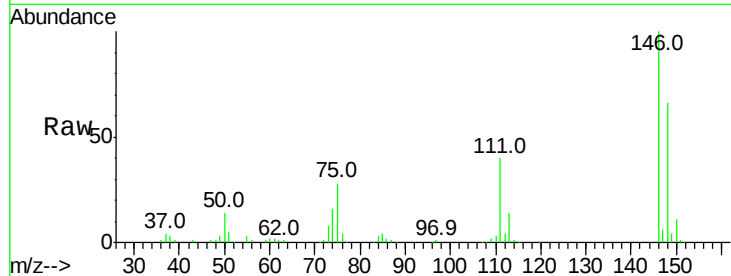




#13
 1,4-Dichlorobenzene
 Concen: 48.36 ng
 RT: 7.41 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

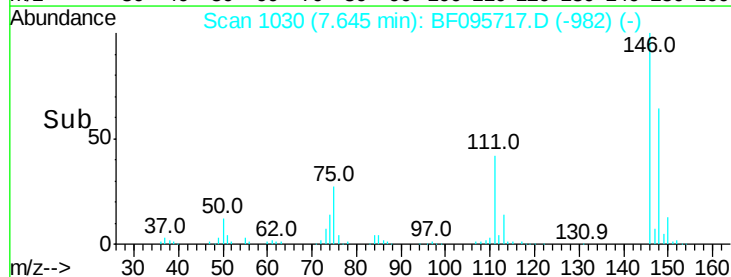
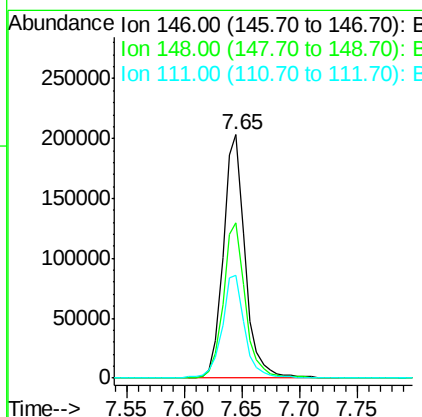
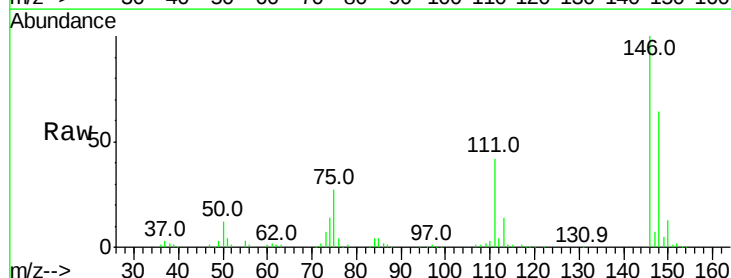
Instrument :
 BNA_F
 ClientSampled :

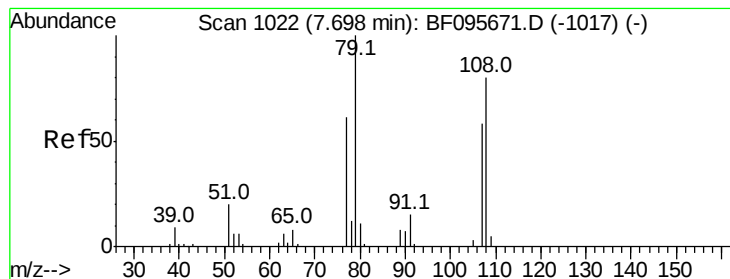
Tot Ion:146 Resp: 279713
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 40.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 49.82 ng
 RT: 7.65 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:146 Resp: 265623
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 42.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 55.59 ng

RT: 7.69 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

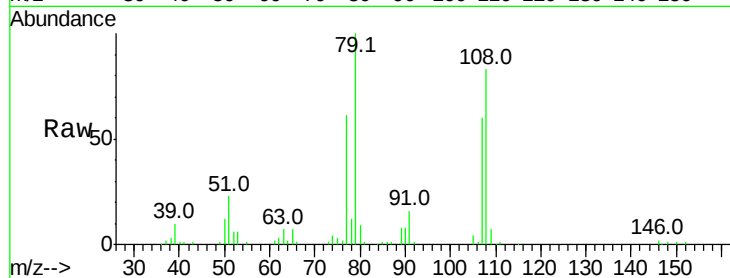
Tot Ion: 79 Resp: 216442

Ion Ratio Lower Upper

79 100

108 83.0 63.4 95.0

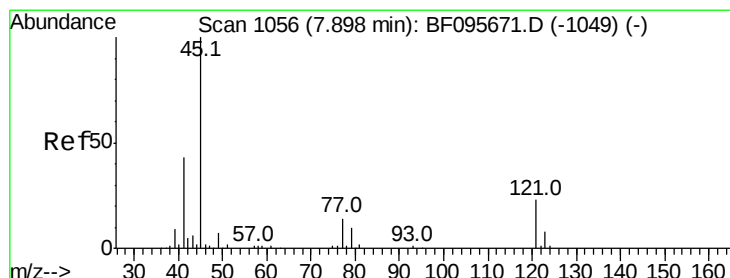
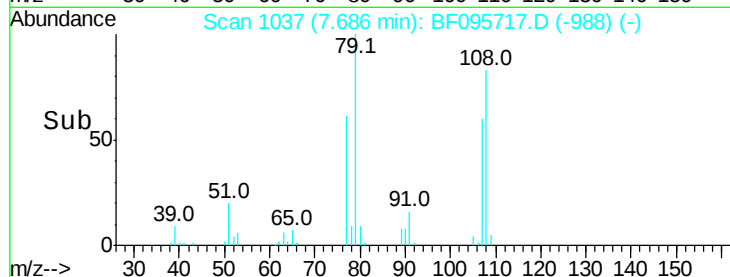
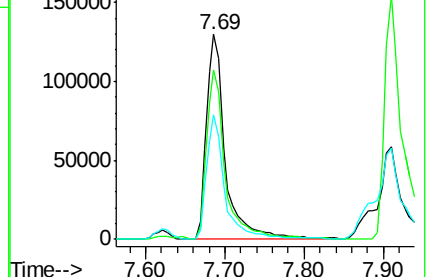
77 60.9 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.35 ng

RT: 7.88 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

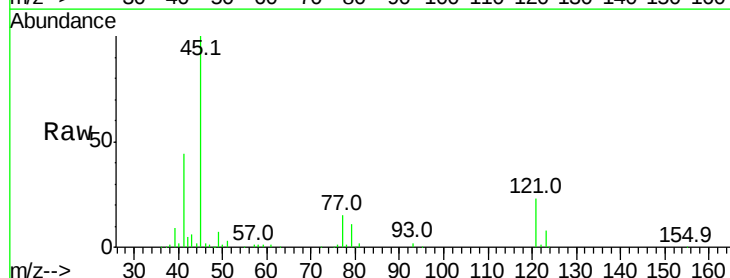
Tgt Ion: 45 Resp: 329809

Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.2

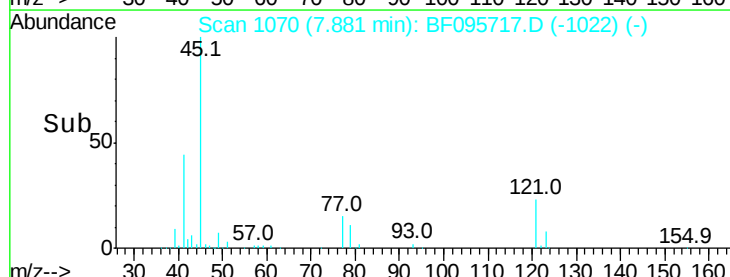
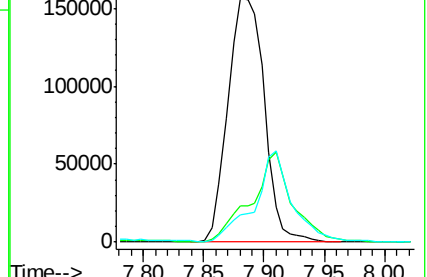
79 11.4 0.0 30.0

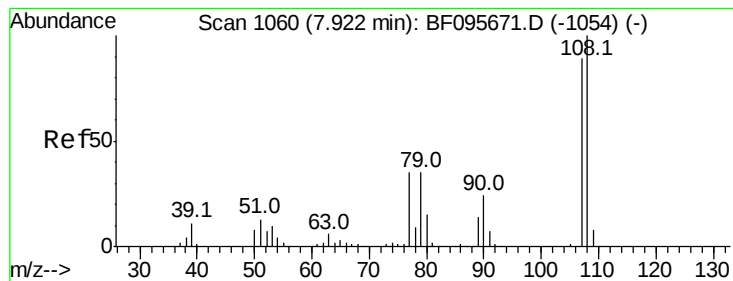


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

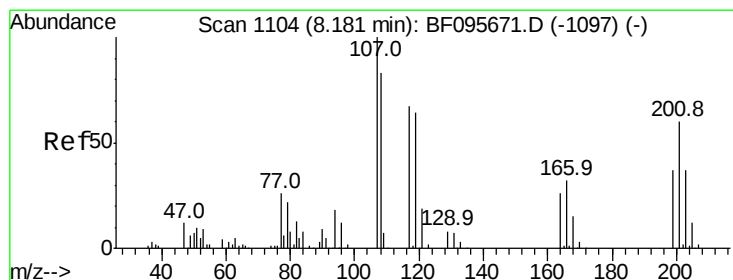
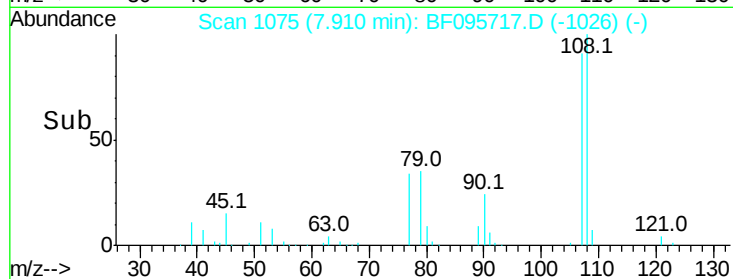
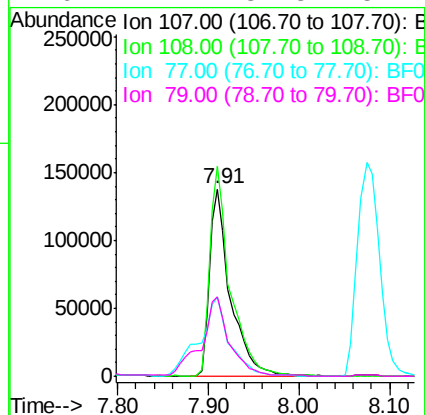
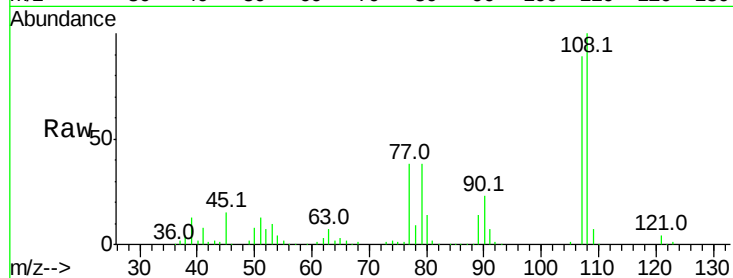




#17
2-Methylphenol
Concen: 52.57 ng
RT: 7.91 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

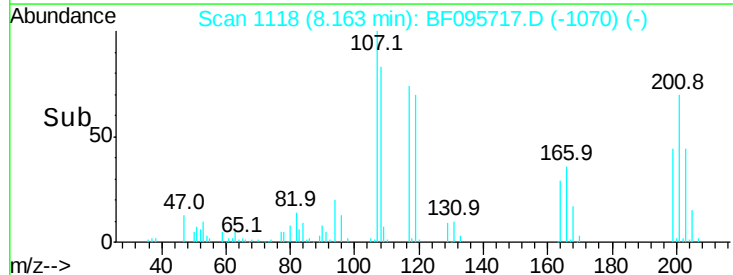
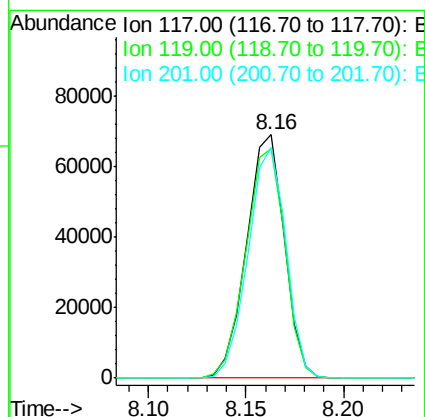
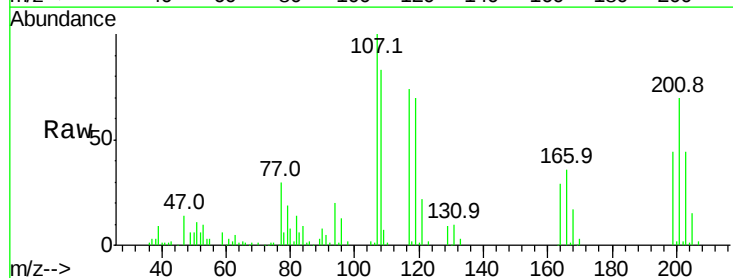
Instrument :
BNA_F
ClientSampled :

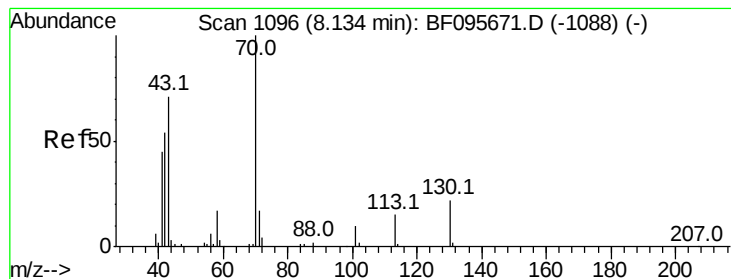
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	93.4	140.0
77	42.1	35.8	53.6
79	42.7	34.8	52.2



#18
Hexachloroethane
Concen: 48.58 ng
RT: 8.16 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.0
201	94.7	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 52.45 ng

RT: 8.12 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 188561

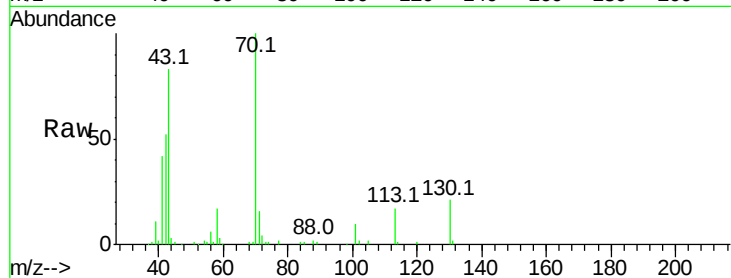
Ion Ratio Lower Upper

70 100

42 52.2 47.2 70.8

101 10.0 7.2 10.8

130 21.4 15.9 23.9

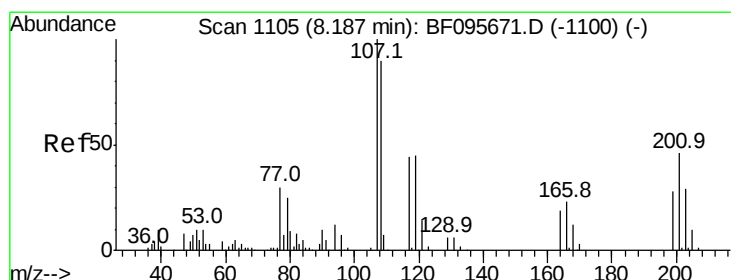
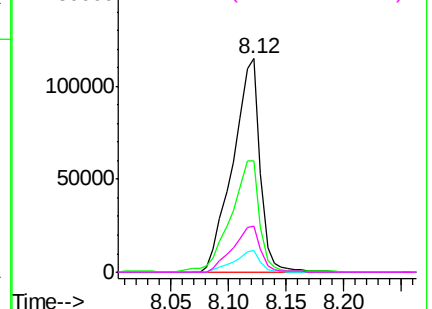
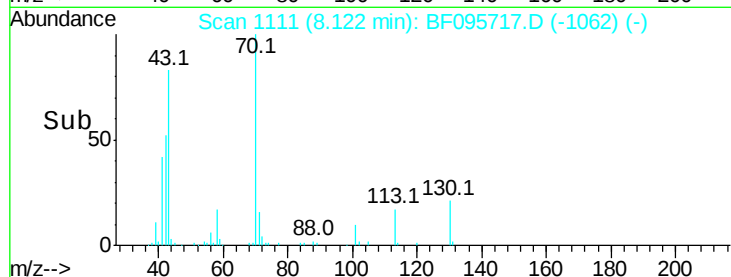


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 53.60 ng

RT: 8.17 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Tgt Ion:107 Resp: 287669

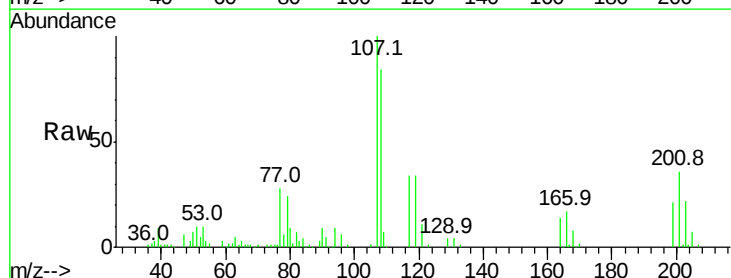
Ion Ratio Lower Upper

107 100

108 83.7 71.0 111.0

77 28.3 90.5 130.5#

79 23.7 8.4 48.4

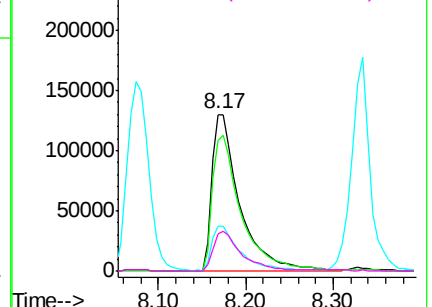
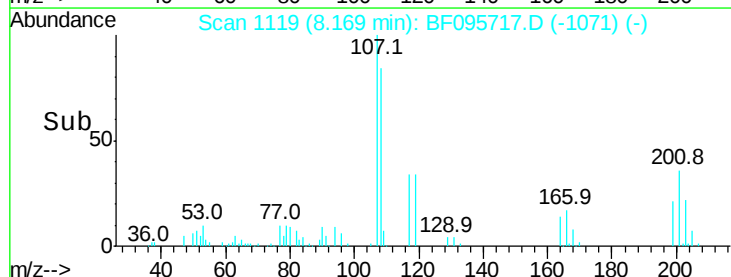


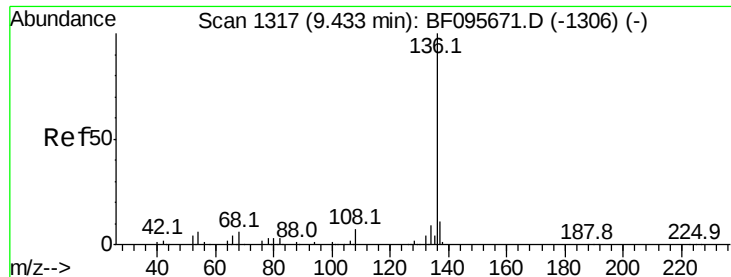
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 326986

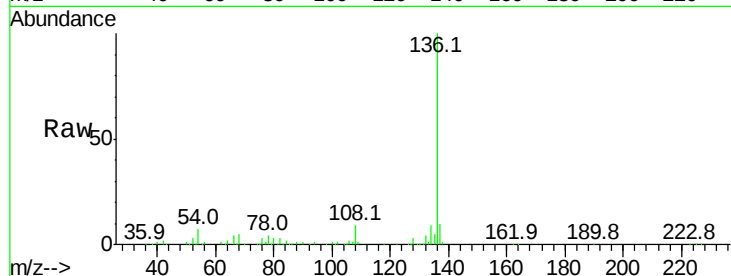
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.1 4.9 7.3

68 5.4 4.1 6.1

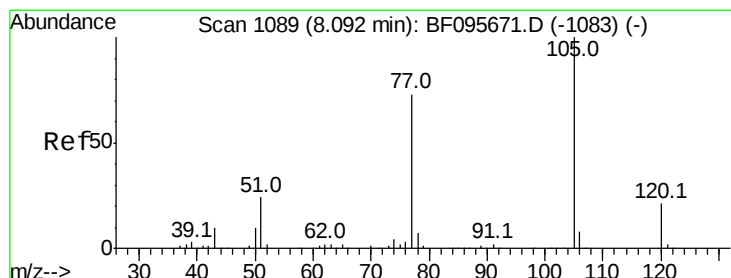
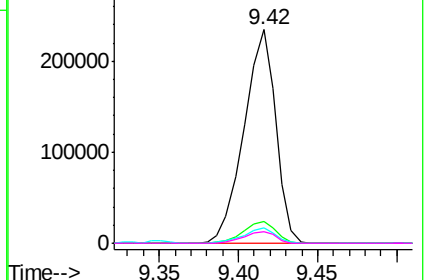
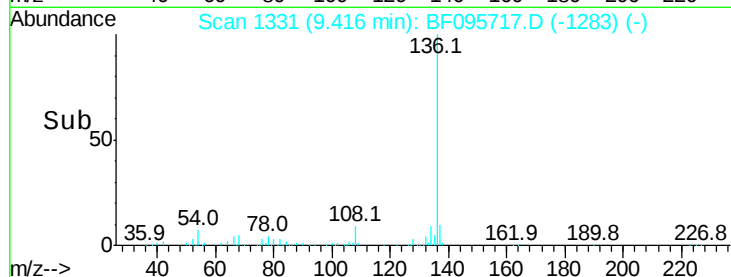


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.21 ng

RT: 8.07 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Tgt Ion:105 Resp: 376635

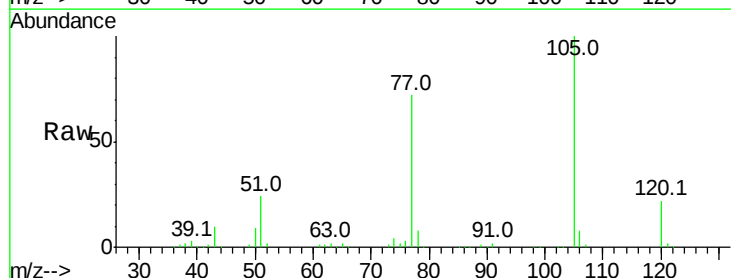
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.8 30.7 46.1#

120 21.7 17.4 26.0

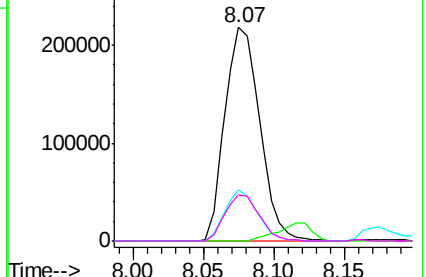
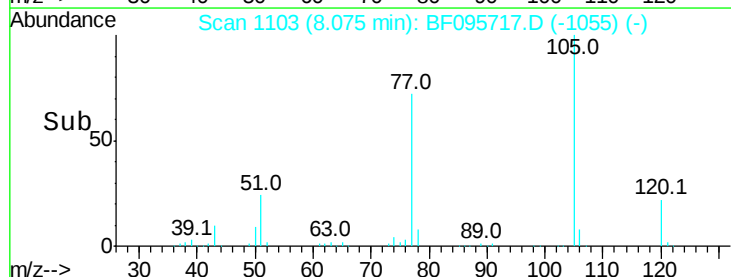


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

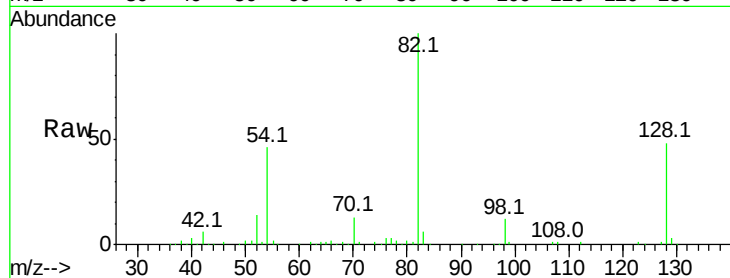




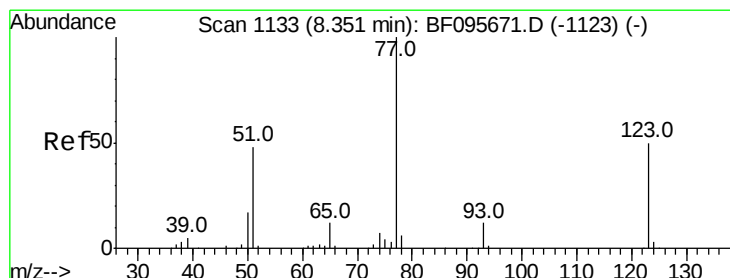
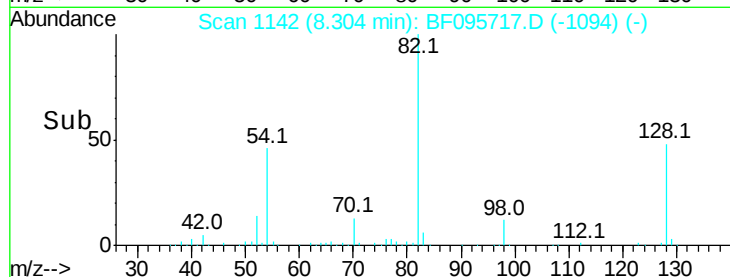
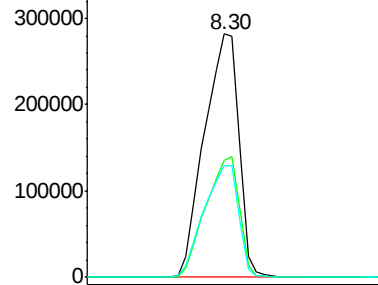
#23
Nitrobenzene-d5
Concen: 95.84 ng
RT: 8.30 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	504615
Ion Ratio	100	Lower	Upper
128	48.2	34.0	51.0
54	45.9	42.2	63.2

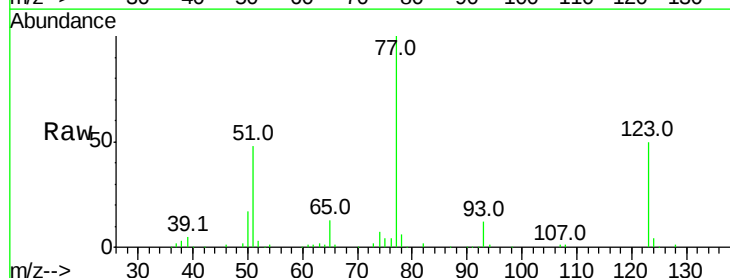


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

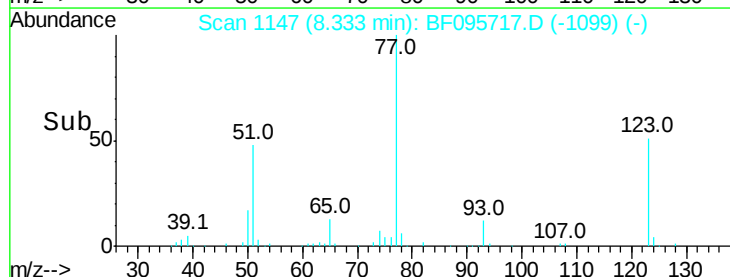
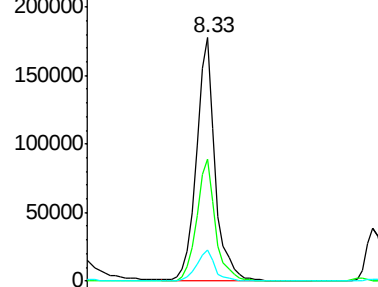


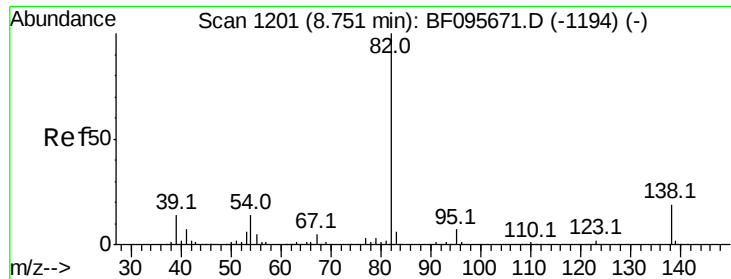
#24
Nitrobenzene
Concen: 46.64 ng
RT: 8.33 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion	77	Resp	262317
Ion Ratio	100	Lower	Upper
123	50.3	35.8	53.8
65	13.0	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: 49.48 ng

RT: 8.74 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

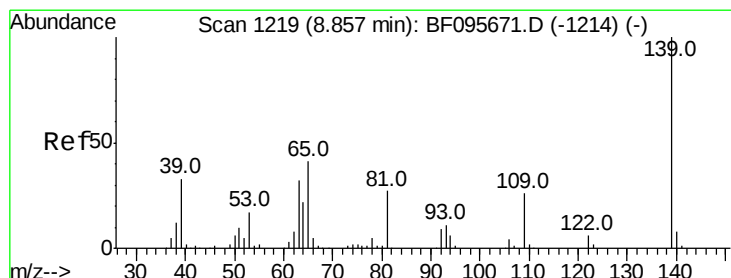
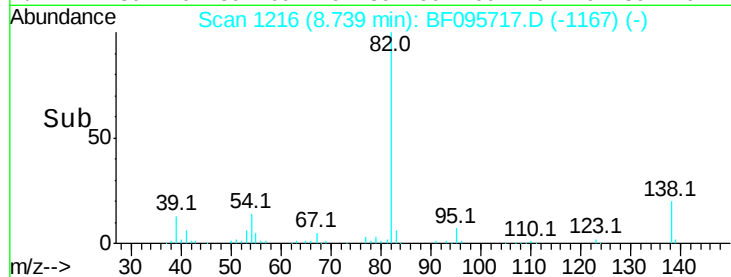
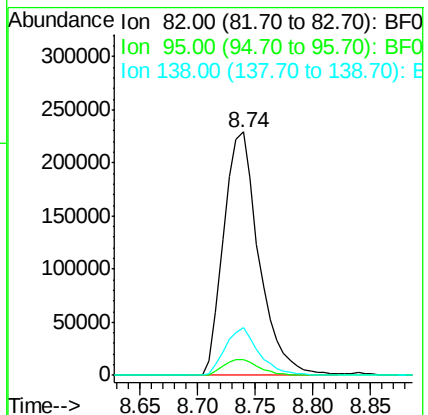
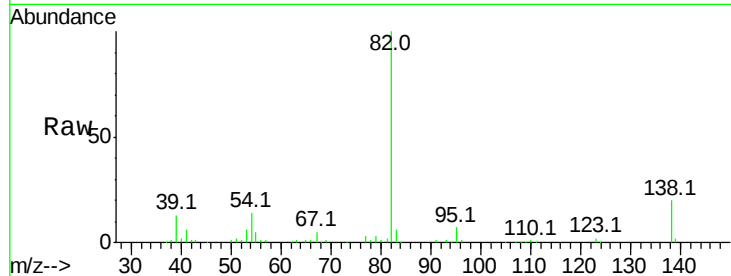
Tot Ion: 82 Resp: 486416

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.7 13.1 19.7



#26

2-Nitrophenol

Concen: 50.51 ng

RT: 8.84 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

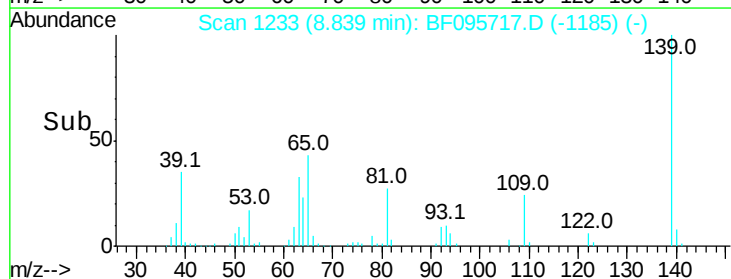
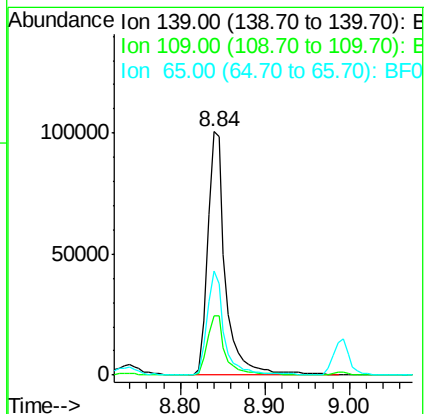
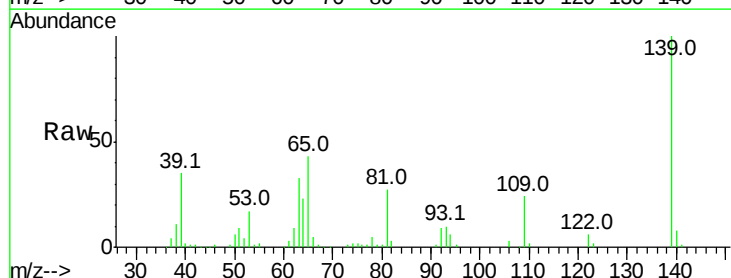
Tgt Ion: 139 Resp: 148752

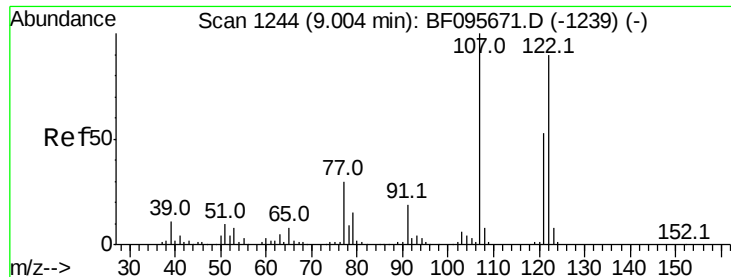
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

65 42.6 33.0 49.6

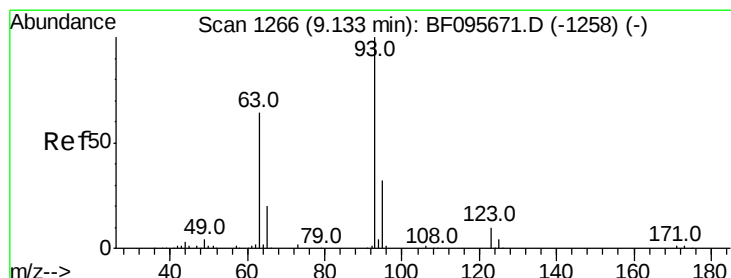
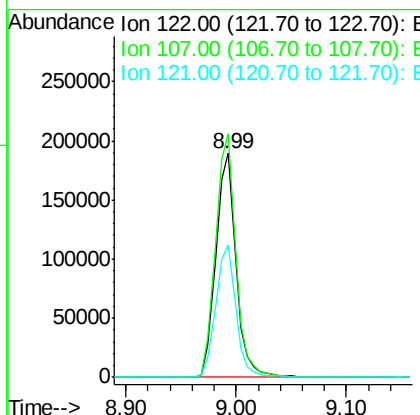
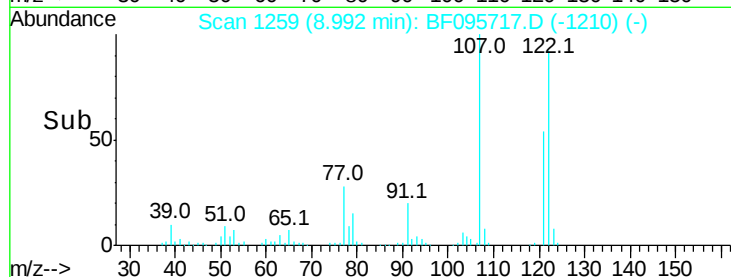
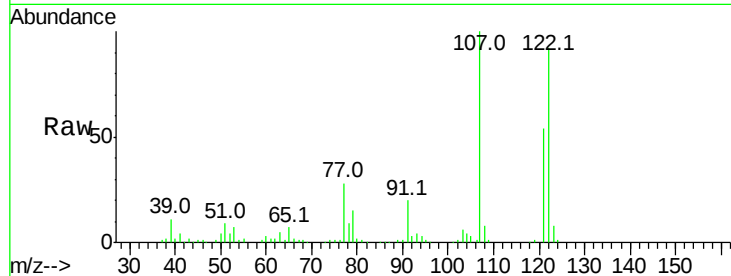




#27
 2,4-Dimethylphenol
 Concen: 52.57 ng
 RT: 8.99 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

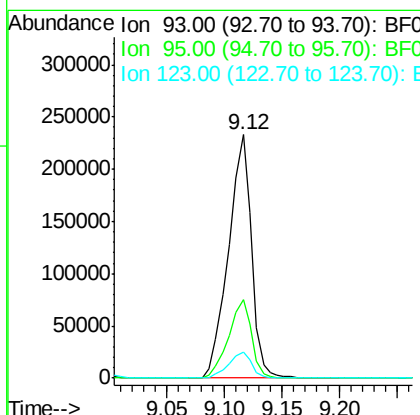
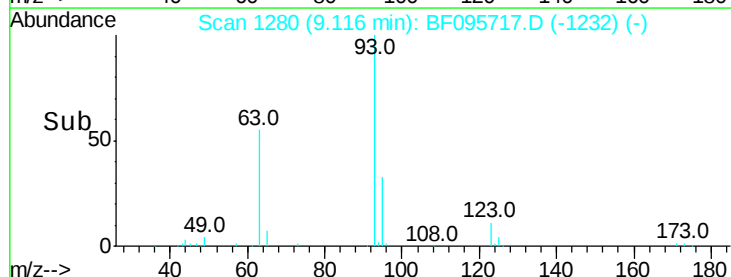
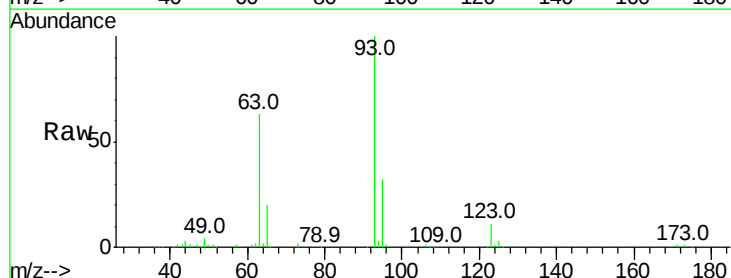
Instrument :
 BNA_F
 ClientSampleId :

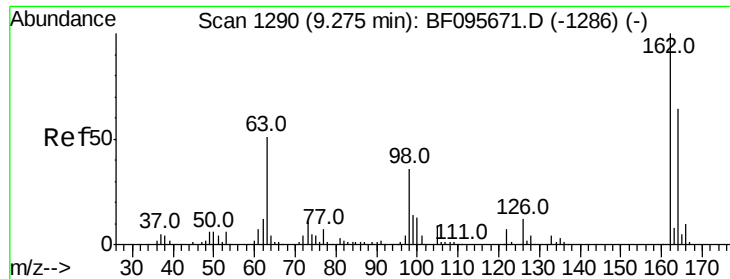
Tot Ion:122 Resp: 240281
 Ion Ratio Lower Upper
 122 100
 107 108.7 89.2 133.8
 121 59.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.61 ng
 RT: 9.12 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion: 93 Resp: 321498
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.9 9.0 13.4

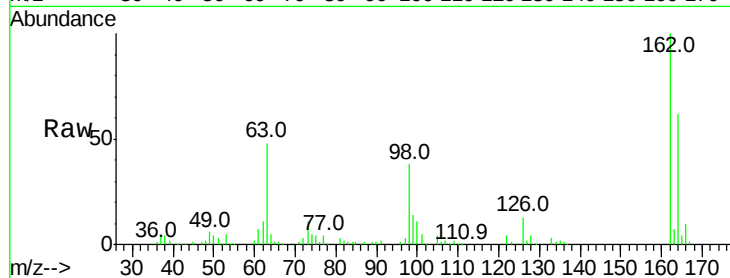




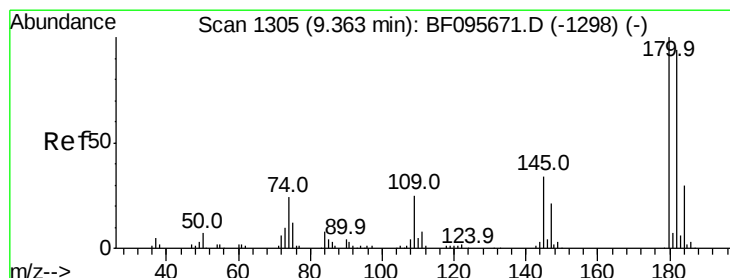
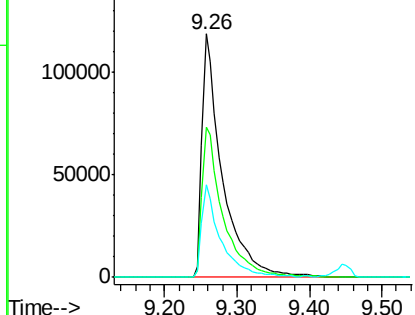
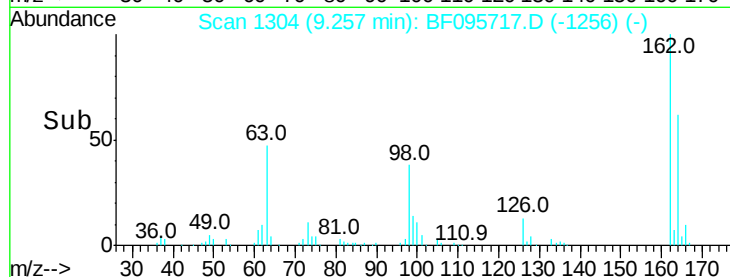
#29
 2,4-Dichlorophenol
 Concen: 52.66 ng
 RT: 9.26 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.6	84.6
98	37.8	14.8	54.8

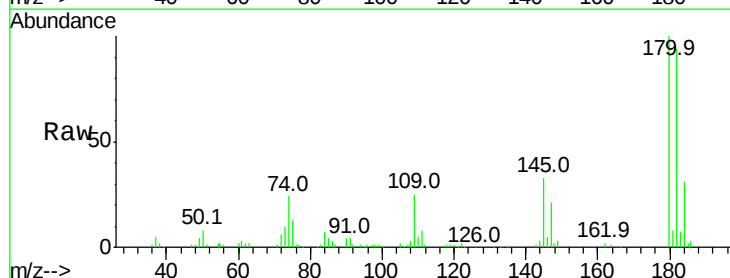


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

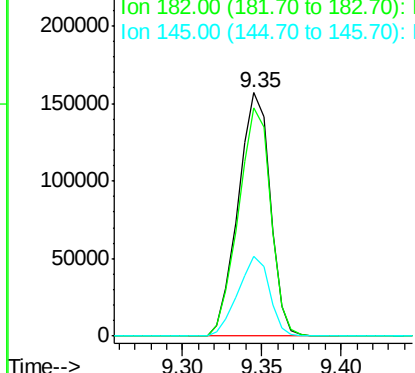
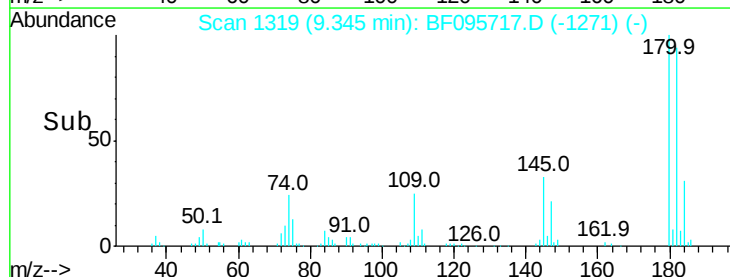


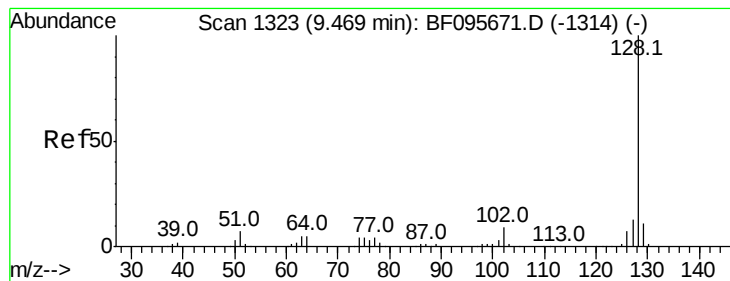
#30
 1,2,4-Trichlorobenzene
 Concen: 48.27 ng
 RT: 9.35 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	32.8	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: 46.73 ng

RT: 9.45 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

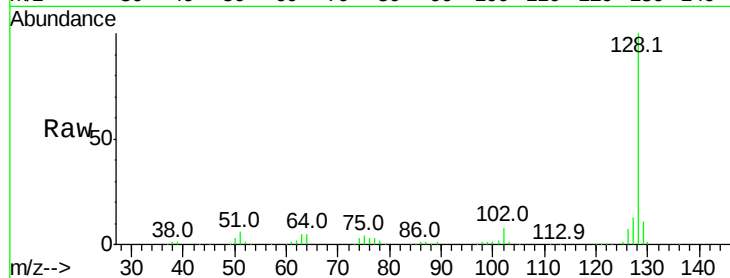
Tot Ion:128 Resp: 766859

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

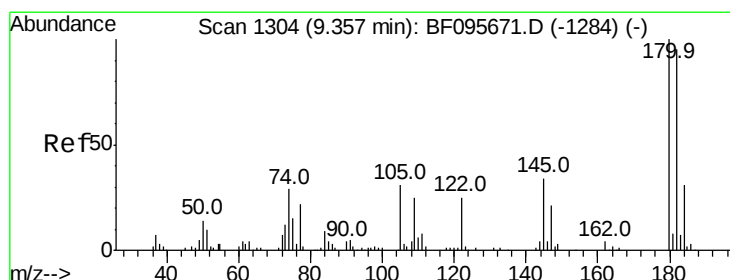
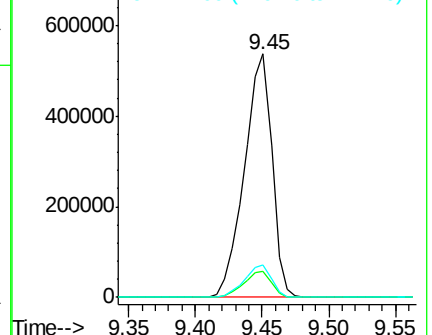
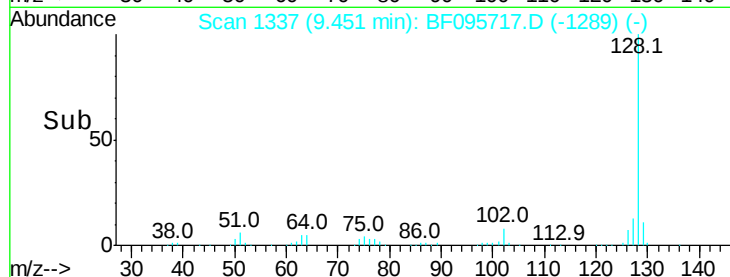
127 13.2 10.8 16.2



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: 25.49 ng

RT: 9.32 min Scan# 1314

Delta R.T. -0.04 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

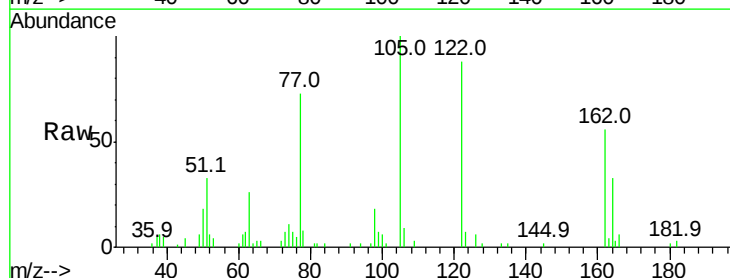
Tgt Ion:122 Resp: 65152

Ion Ratio Lower Upper

122 100

105 113.4 103.3 143.3

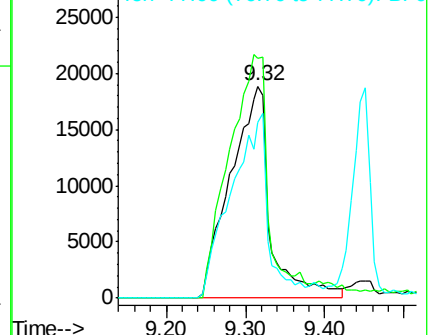
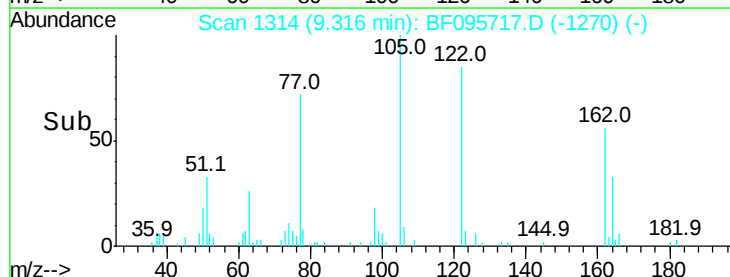
77 83.0 73.7 113.7



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

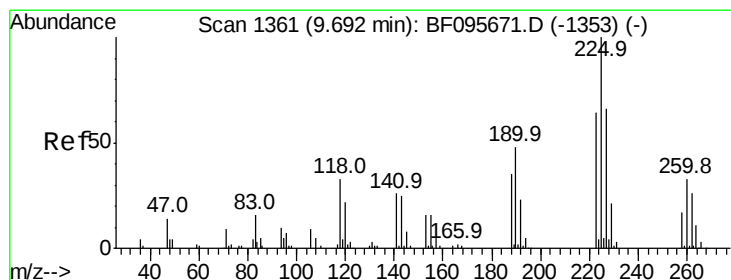
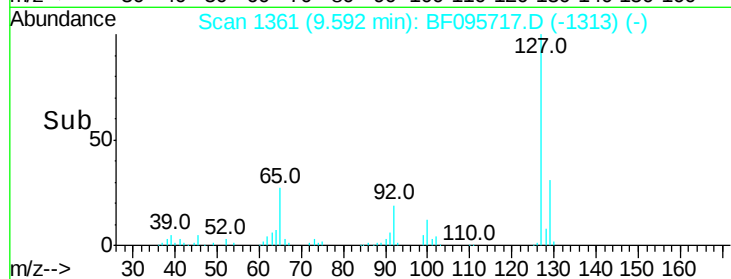
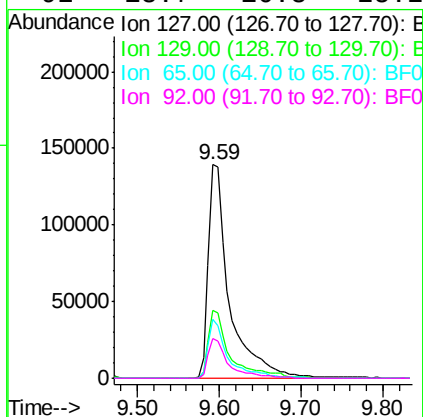
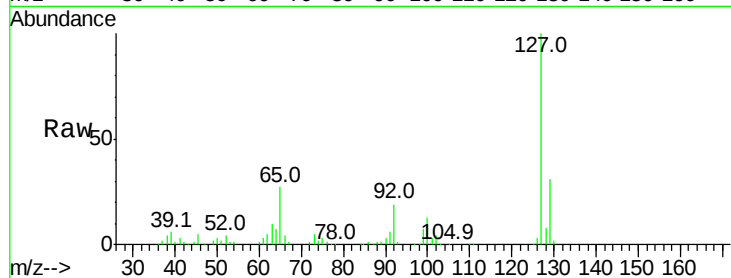




#33
4-Chloroaniline
Concen: 39.17 ng
RT: 9.59 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

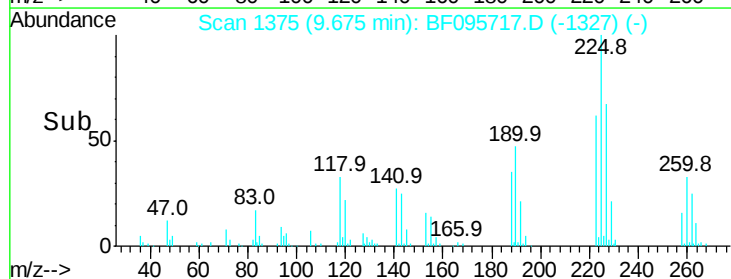
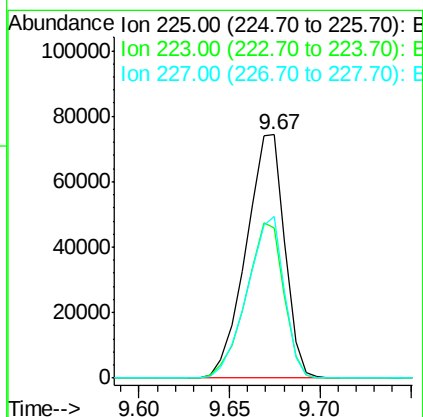
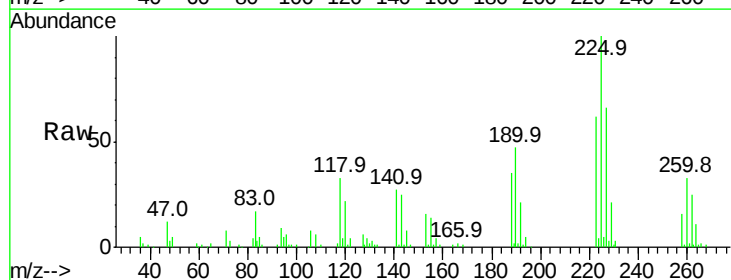
Instrument :
BNA_F
ClientSampleId :

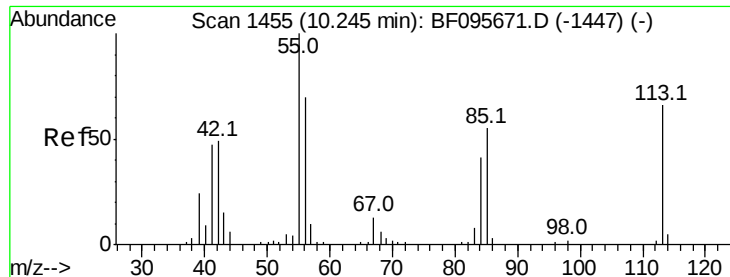
Tot Ion:	127	Resp:	251263
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	27.3	27.8	41.8#
92	18.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 46.50 ng
RT: 9.67 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion:	225	Resp:	110042
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	66.4	51.1	76.7





#35

Caprolactam

Concen: 26.39 ng

RT: 10.24 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

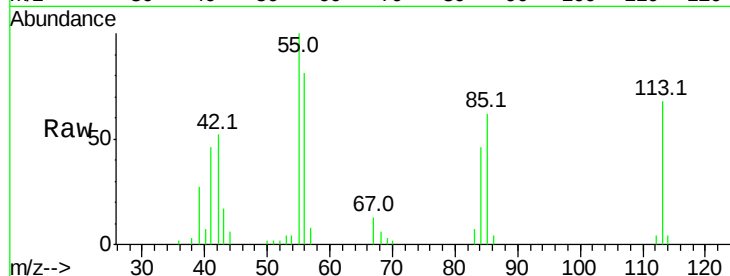
Tot Ion:113 Resp: 34565

Ion Ratio Lower Upper

113 100

55 146.6 150.2 190.2#

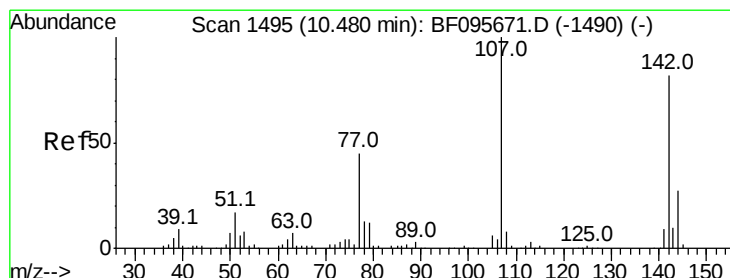
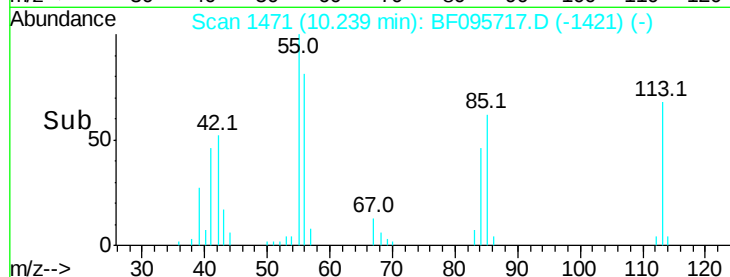
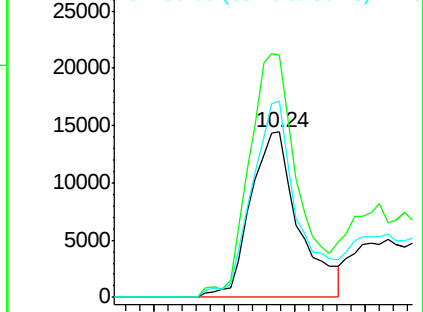
56 119.1 107.8 147.8



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: 51.58 ng

RT: 10.47 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

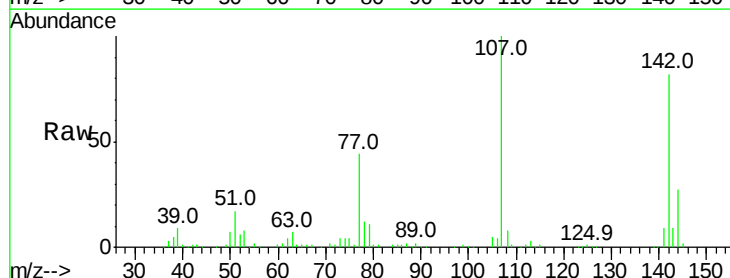
Tgt Ion:107 Resp: 237668

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

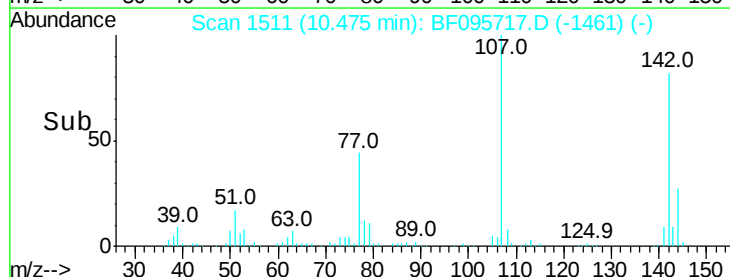
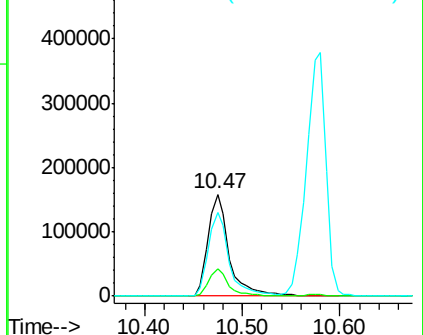
142 82.2 73.4 110.0

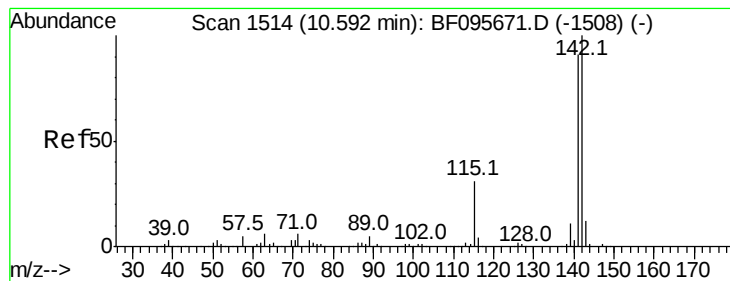


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.43 ng

RT: 10.58 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampled :

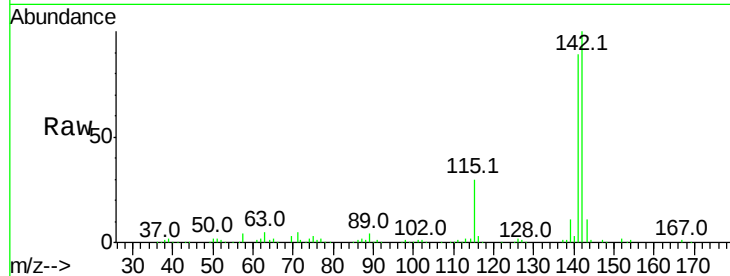
Tot Ion:142 Resp: 525838

Ion Ratio Lower Upper

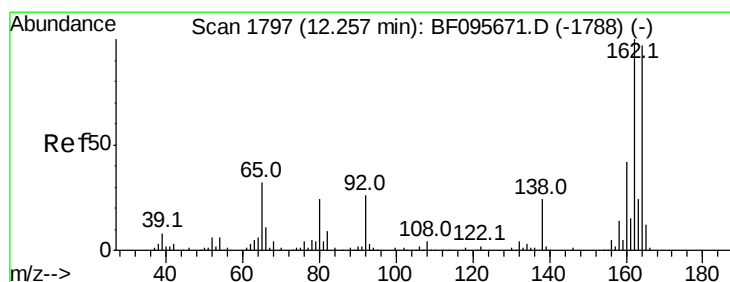
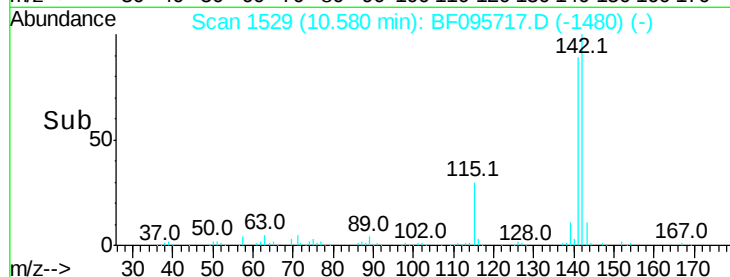
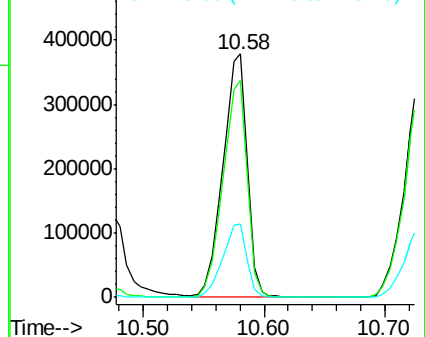
142 100

141 89.3 71.3 106.9

115 30.2 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

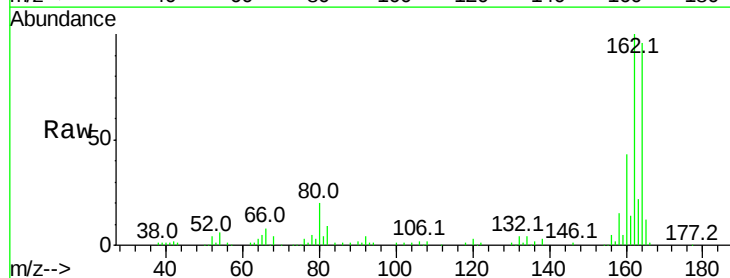
Tgt Ion:164 Resp: 150889

Ion Ratio Lower Upper

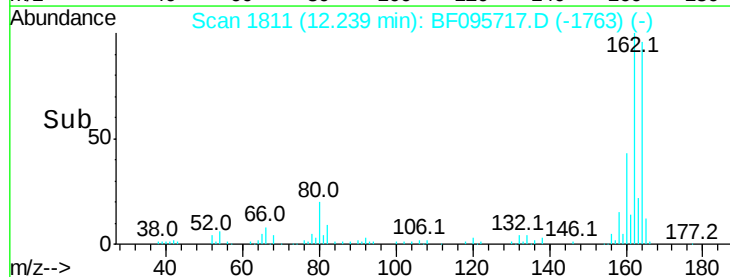
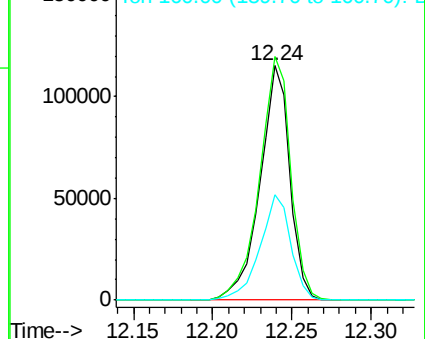
164 100

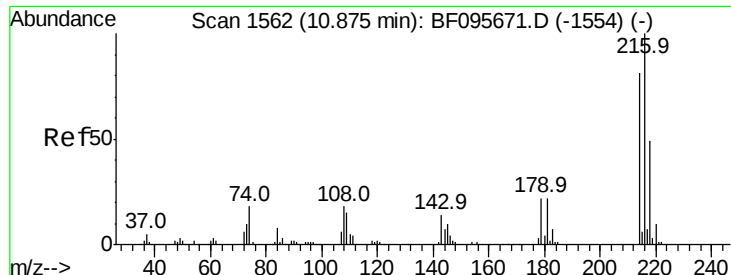
162 104.0 82.6 123.8

160 45.2 36.2 54.2



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

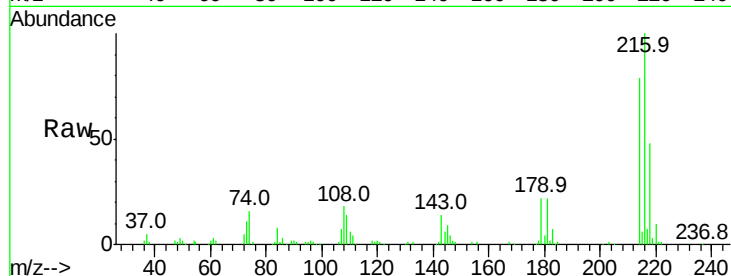




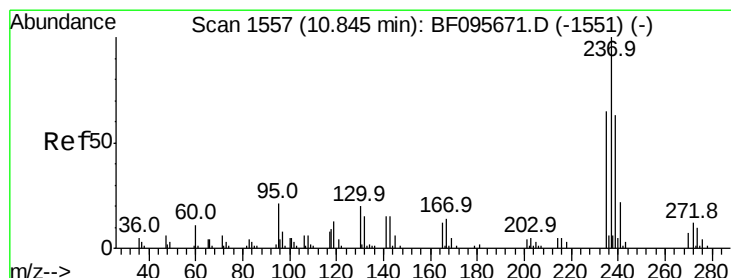
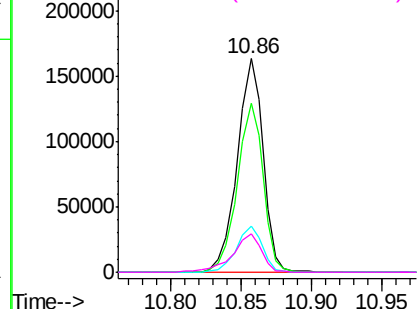
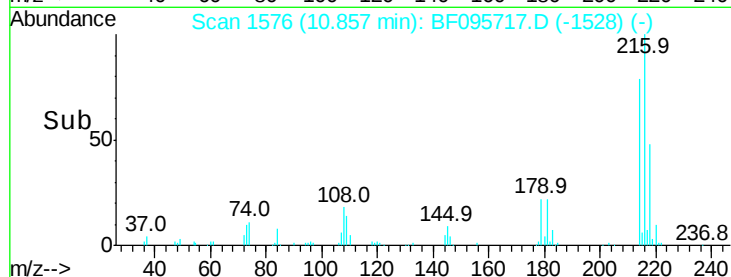
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.22 ng
 RT: 10.86 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	208744
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.5	17.9	26.9
108	20.0	16.5	24.7

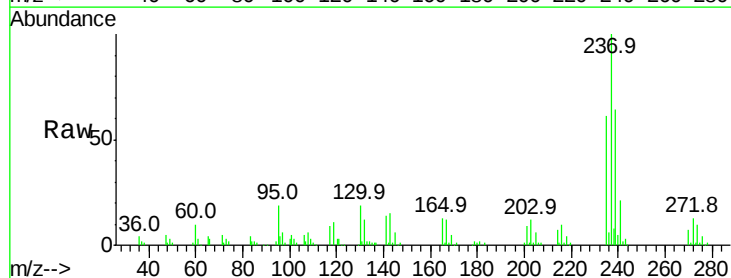


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

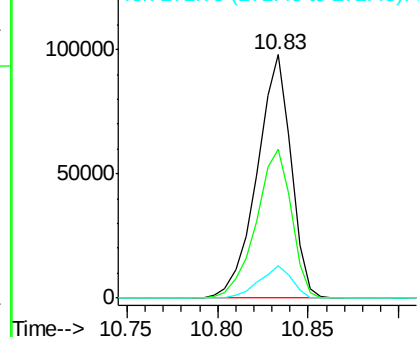
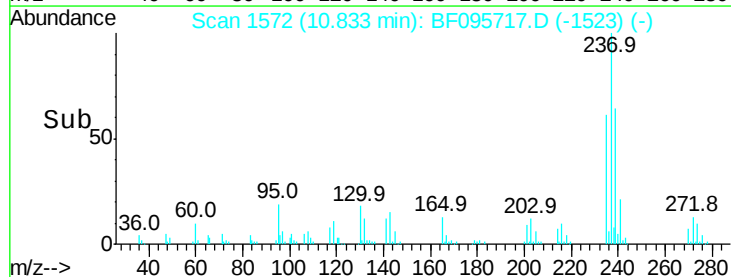


#40
 Hexachlorocyclopentadiene
 Concen: 88.84 ng
 RT: 10.83 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:	237	Resp:	127799
Ion	Ratio	Lower	Upper
237	100		
235	61.2	42.6	82.6
272	13.1	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

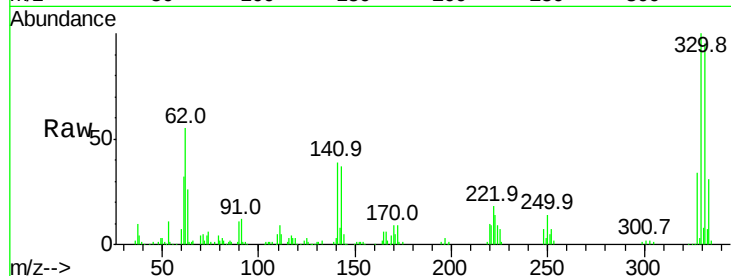




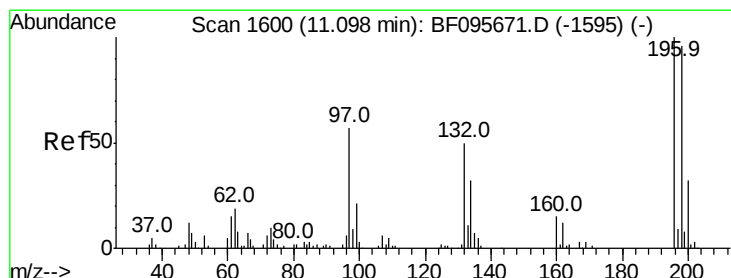
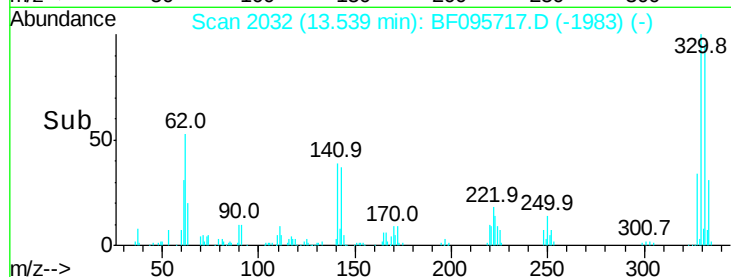
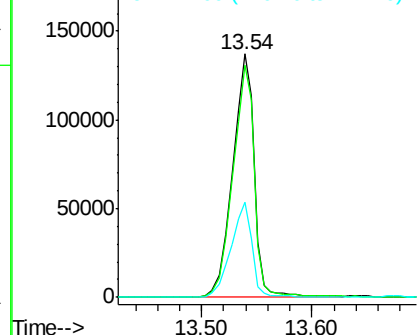
#41
 2,4,6-Tribromophenol
 Concen: 141.03 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	38.1	31.4	47.2

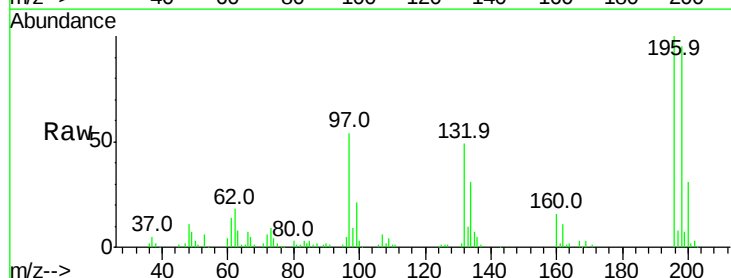


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

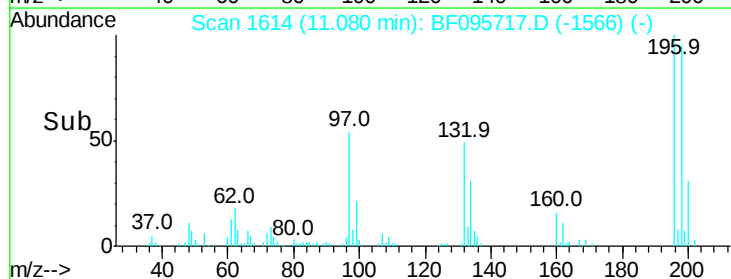
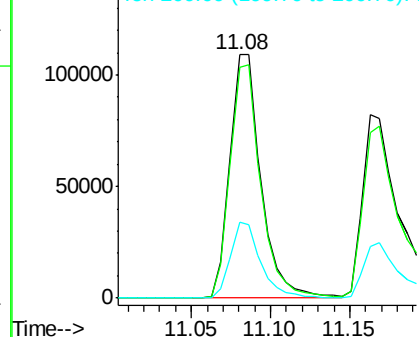


#42
 2,4,6-Trichlorophenol
 Concen: 51.11 ng
 RT: 11.08 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.2	111.4
200	31.1	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

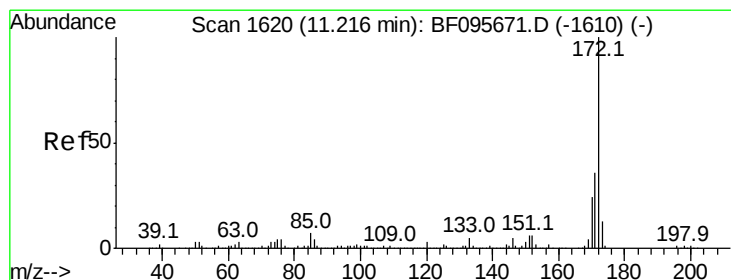
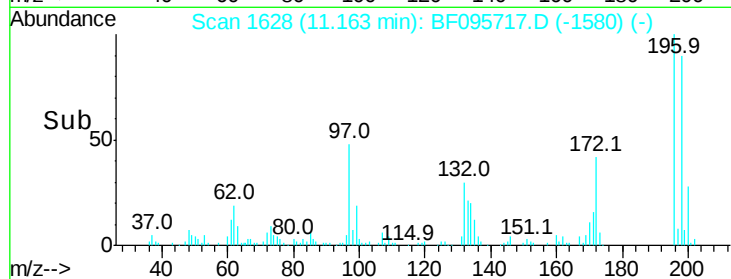
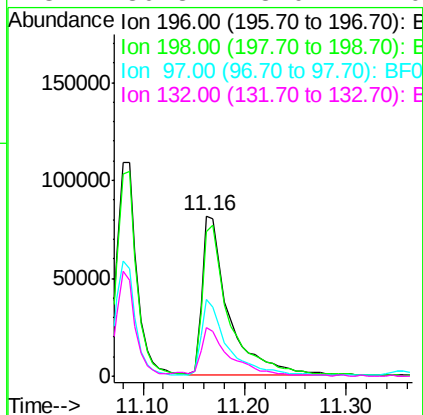
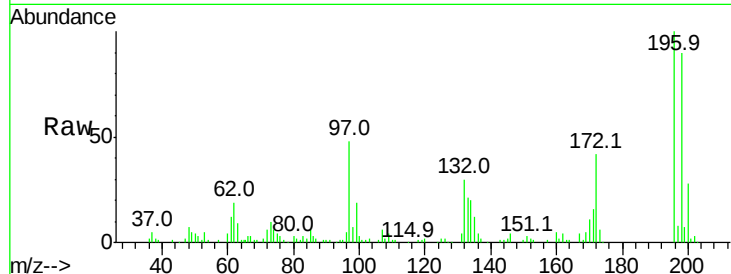




#43
 2,4,5-Trichlorophenol
 Concen: 47.66 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

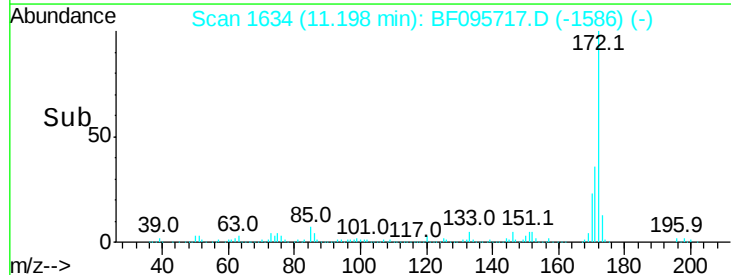
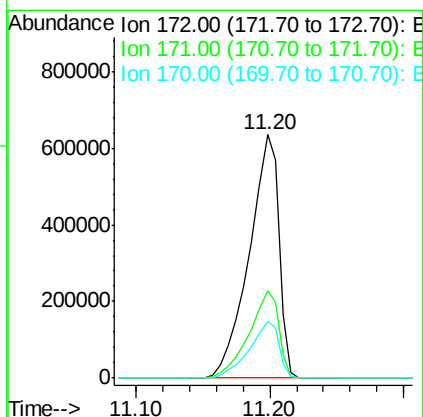
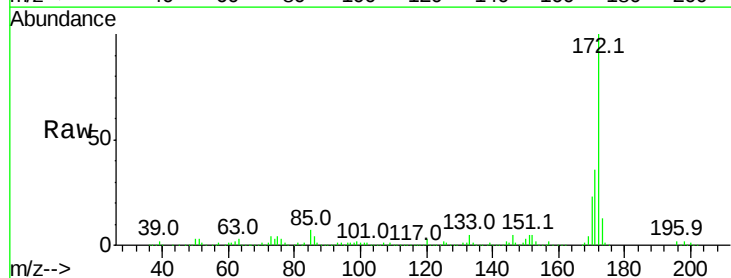
Instrument :
 BNA_F
 ClientSampleId :

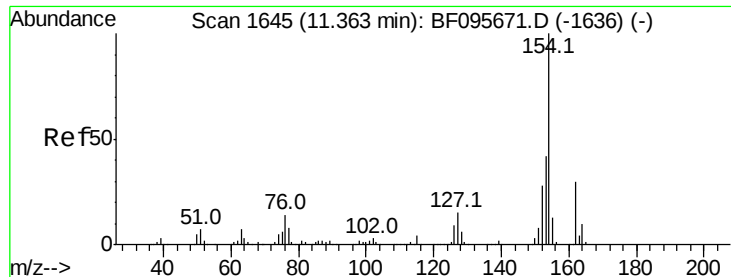
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.2	75.7	113.5
97	47.5	47.7	71.5#
132	30.3	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 89.58 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 46.96 ng

RT: 11.35 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampled :

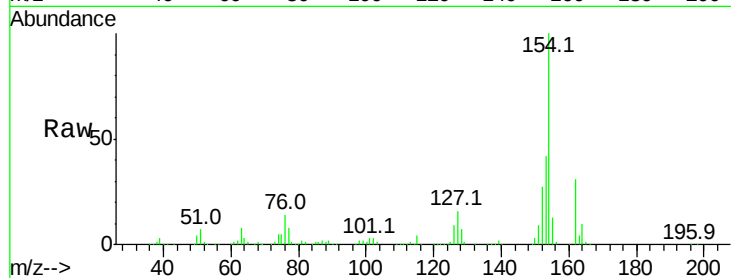
Tot Ion:154 Resp: 584009

Ion Ratio Lower Upper

154 100

153 41.9 21.2 61.2

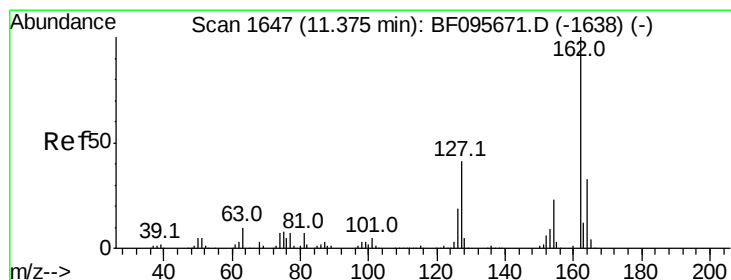
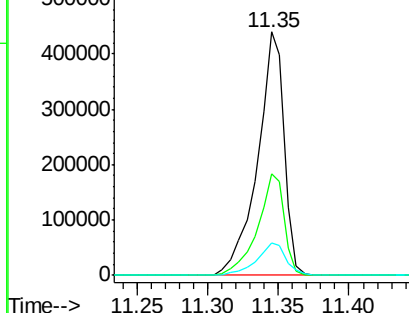
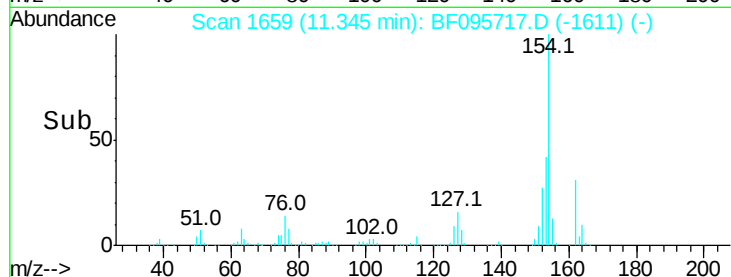
76 13.6 0.0 29.9



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: 47.30 ng

RT: 11.36 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

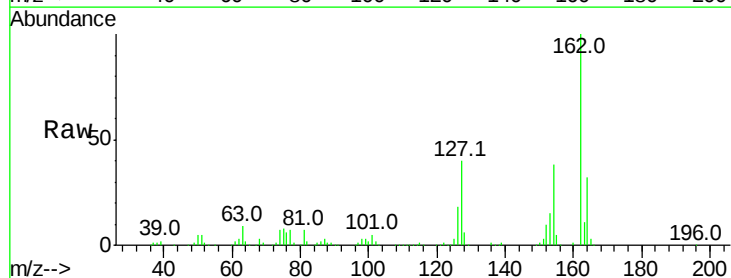
Tgt Ion:162 Resp: 459577

Ion Ratio Lower Upper

162 100

127 39.7 28.3 42.5

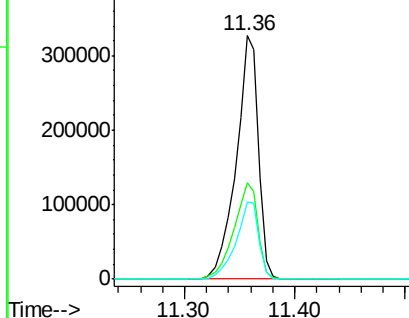
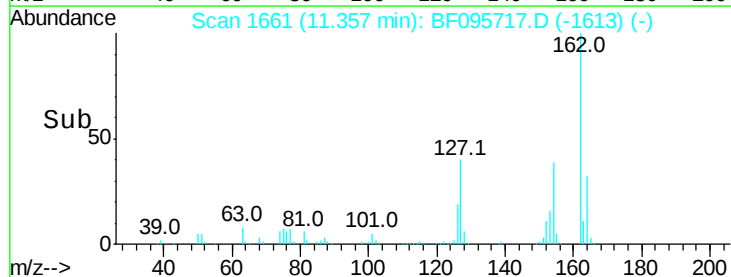
164 31.9 27.0 40.4



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

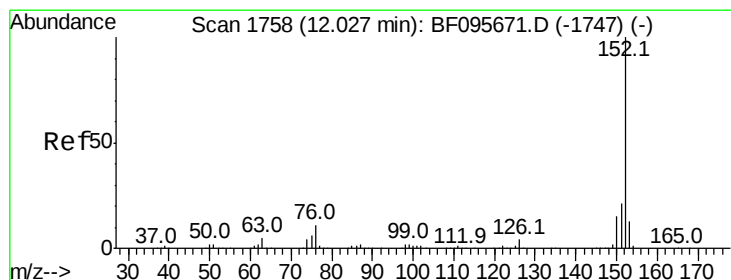
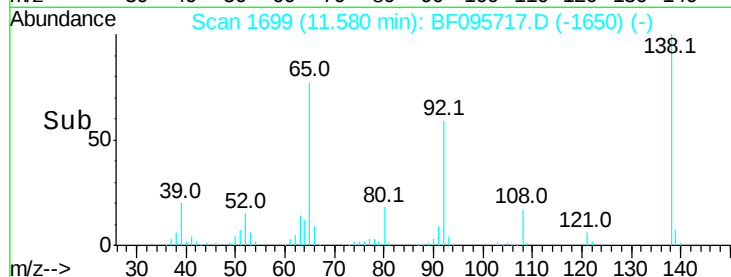
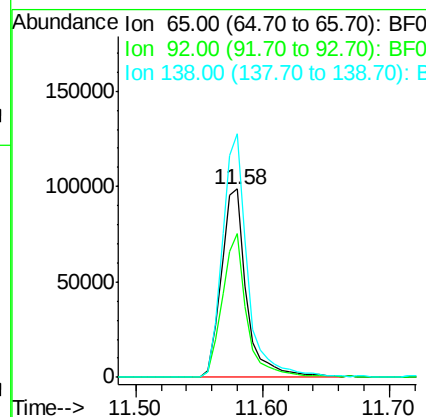
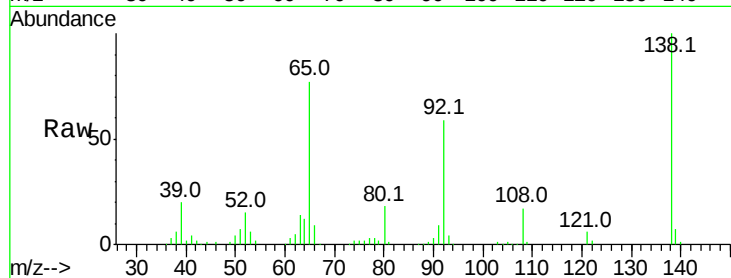




#47
 2-Nitroaniline
 Concen: 48.63 ng
 RT: 11.58 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

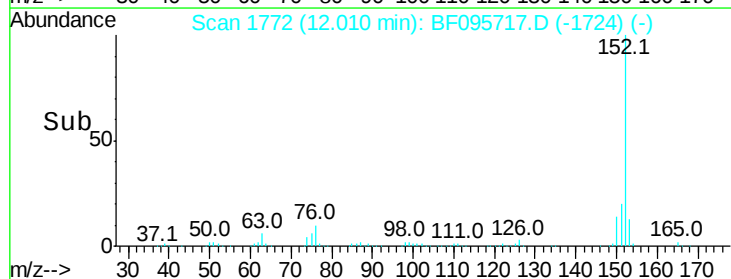
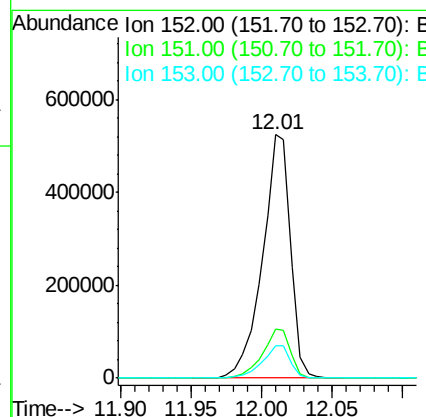
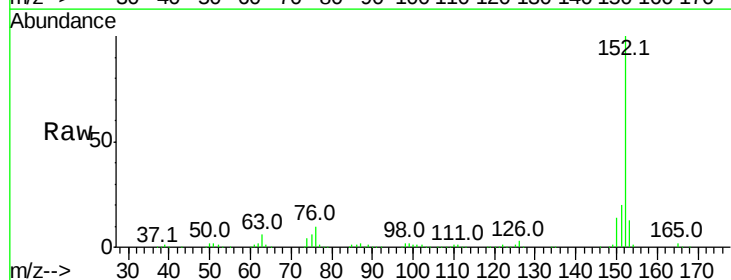
Instrument :
 BNA_F
 ClientSampled :

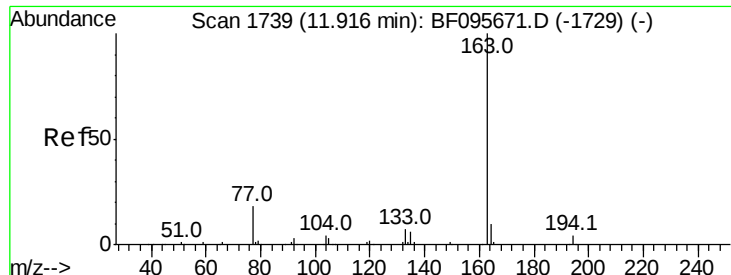
Tot Ion: 65 Resp: 138282
 Ion Ratio Lower Upper
 65 100
 92 76.0 53.9 80.9
 138 129.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 44.09 ng
 RT: 12.01 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:152 Resp: 732533
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 66.35 ng

RT: 11.91 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

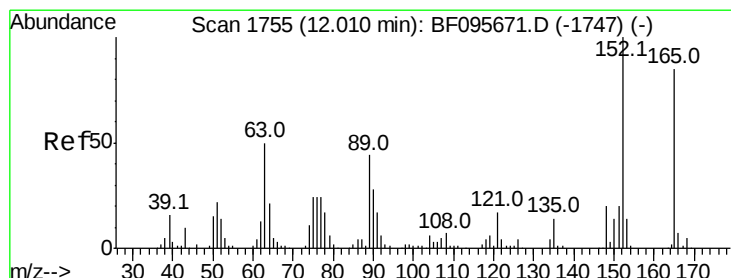
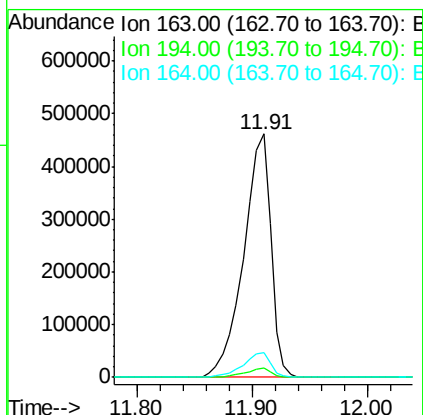
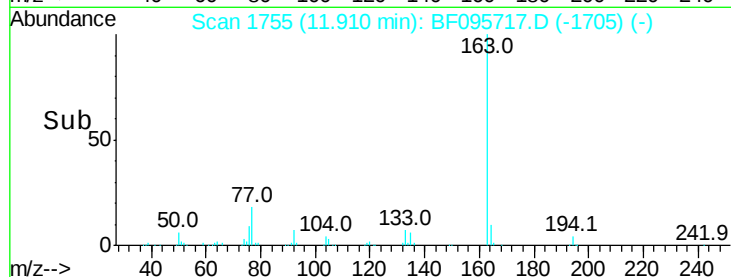
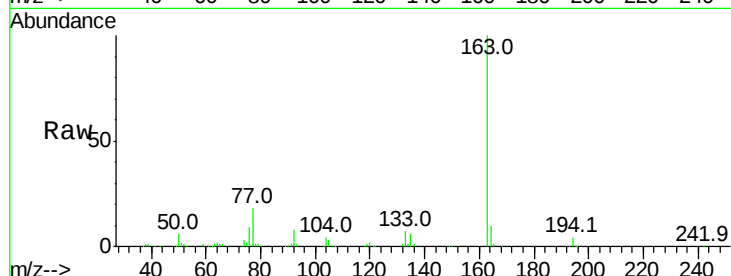
Tot Ion:163 Resp: 760106

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

164 10.0 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 48.32 ng

RT: 12.00 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

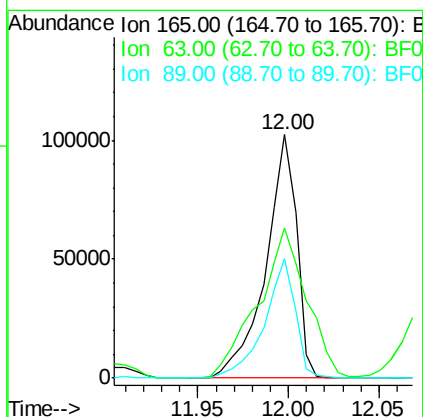
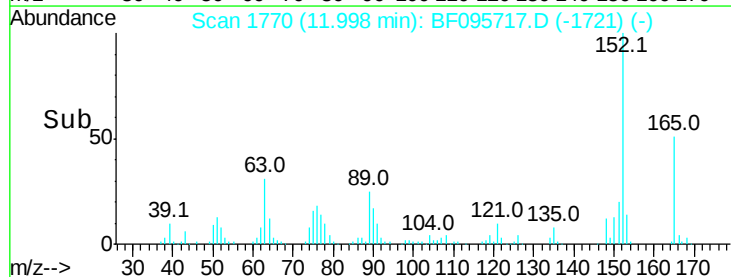
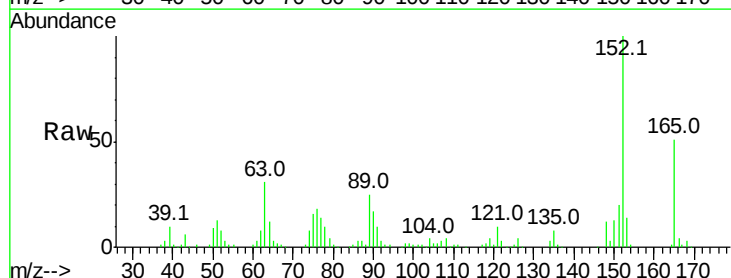
Tgt Ion:165 Resp: 120738

Ion Ratio Lower Upper

165 100

63 61.8 34.3 51.5#

89 49.0 37.1 55.7

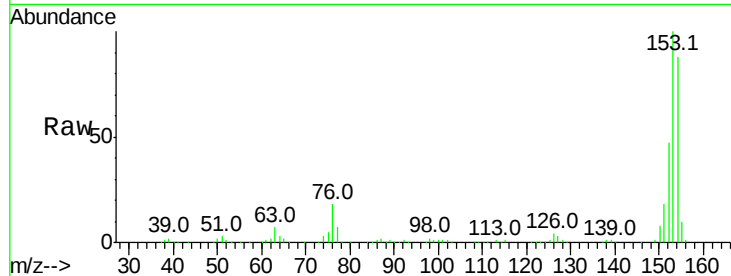




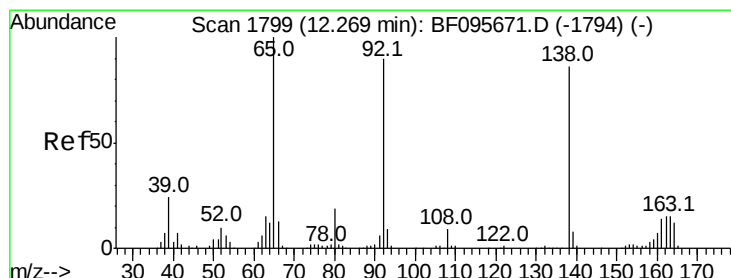
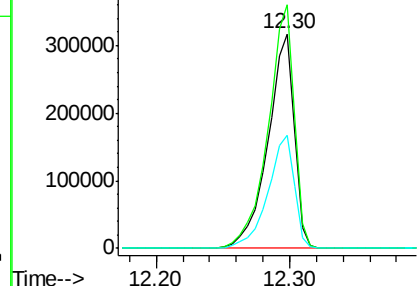
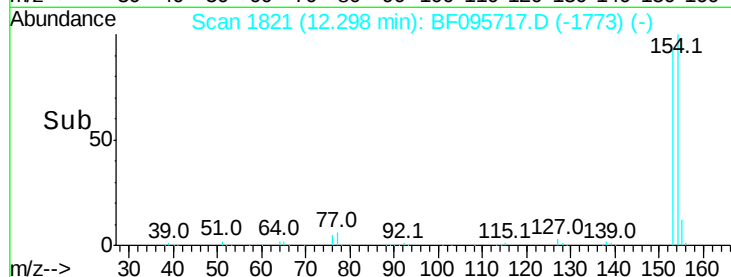
#51
Acenaphthene
Concen: 45.33 ng
RT: 12.30 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 435003
Ion Ratio Lower Upper
154 100
153 113.4 90.5 135.7
152 52.9 43.6 65.4

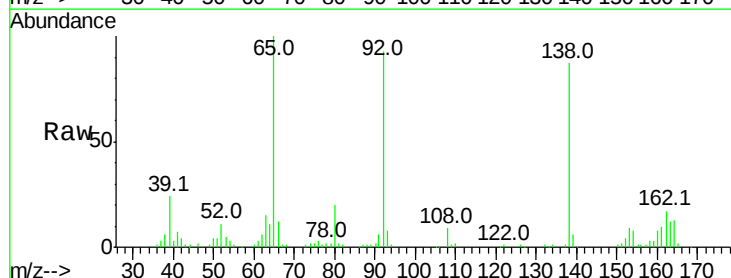


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

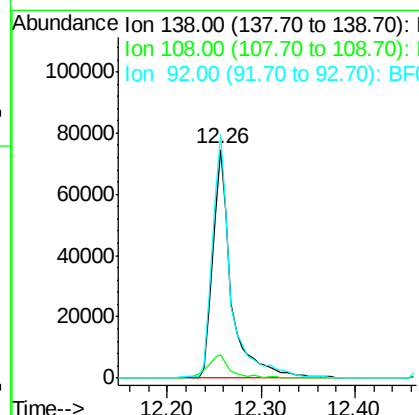
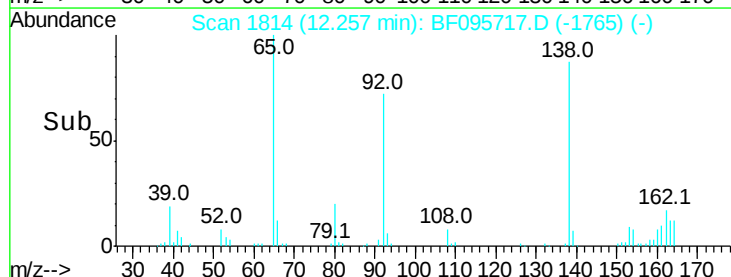


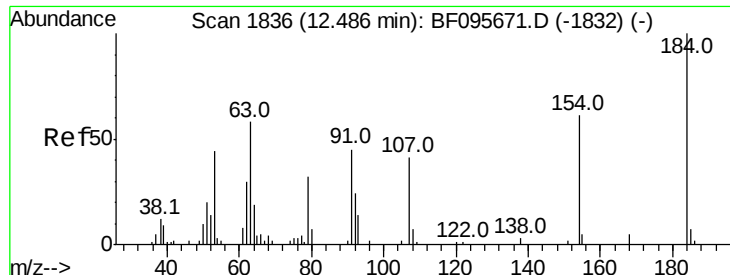
#52
3-Nitroaniline
Concen: 35.86 ng
RT: 12.26 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion:138 Resp: 104390
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 106.6 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

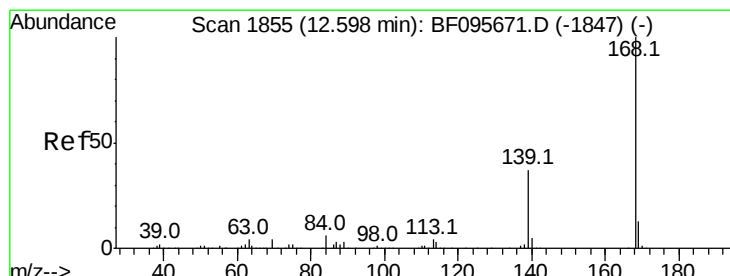
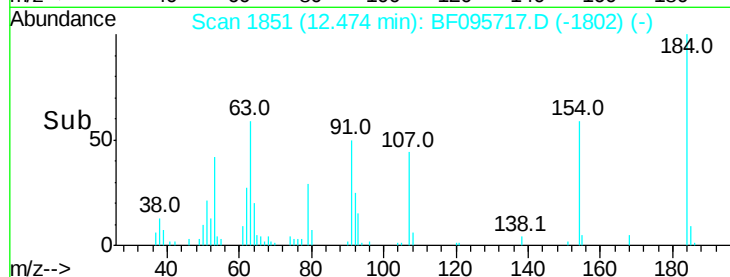
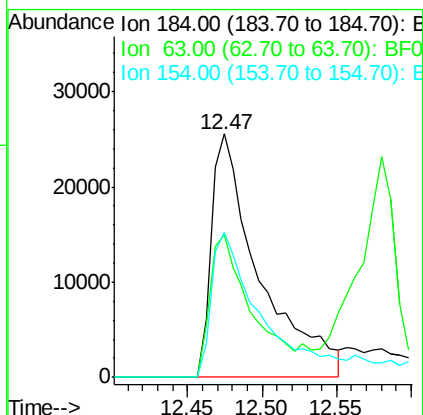
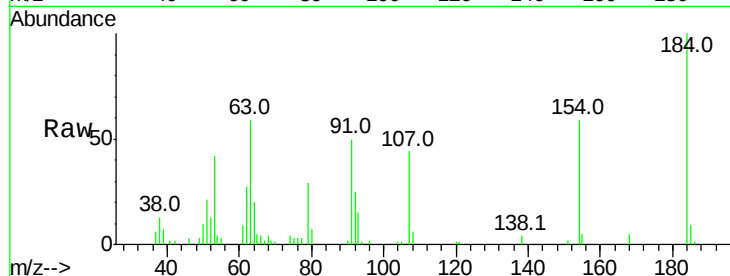




#53
 2,4-Dinitrophenol
 Concen: 43.64 ng
 RT: 12.47 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

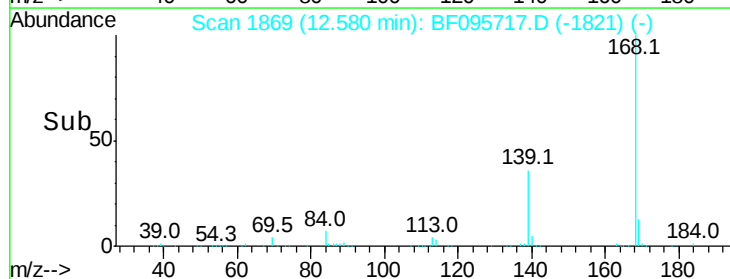
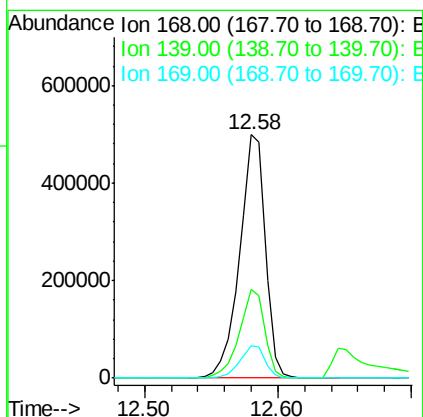
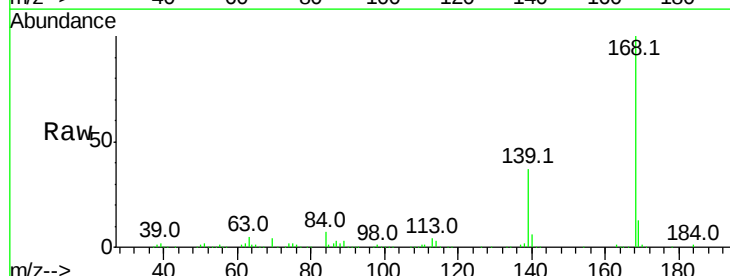
Instrument :
 BNA_F
 ClientSampleId :

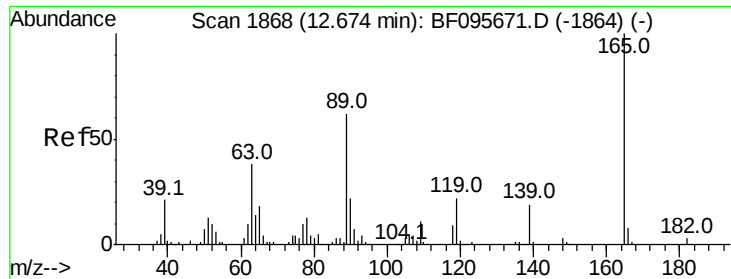
Tot Ion:184 Resp: 57218
 Ion Ratio Lower Upper
 184 100
 63 58.6 62.7 94.1#
 154 59.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.18 ng
 RT: 12.58 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:168 Resp: 664208
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.6 45.8
 169 13.3 10.8 16.2

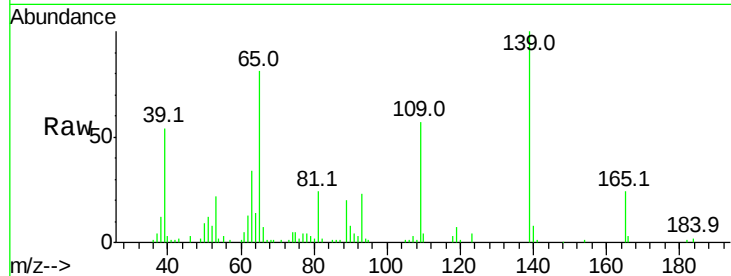




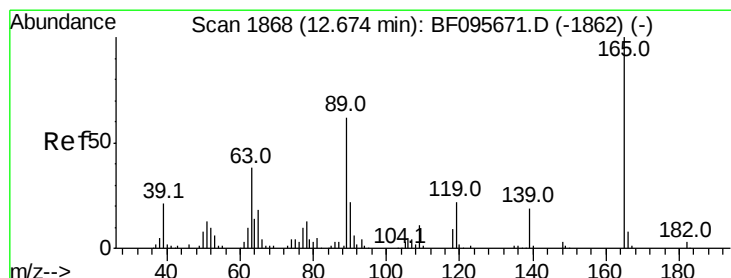
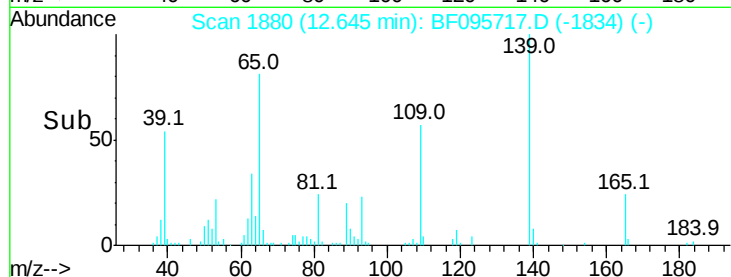
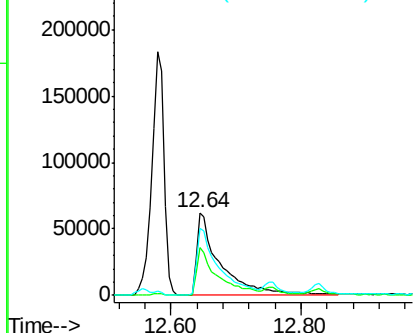
#55
4-Nitrophenol
Concen: 91.30 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 156371
Ion Ratio Lower Upper
139 100
109 57.0 34.1 74.1
65 81.3 31.4 71.4#



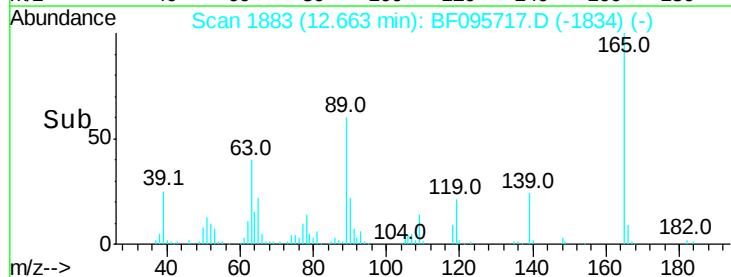
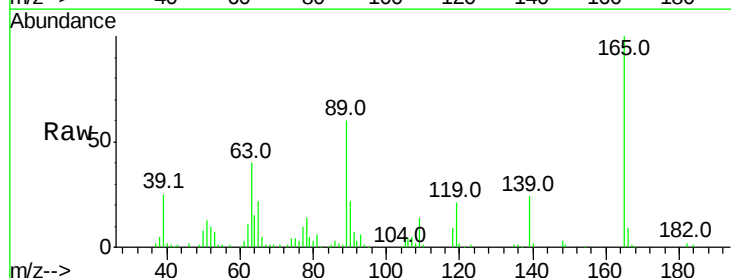
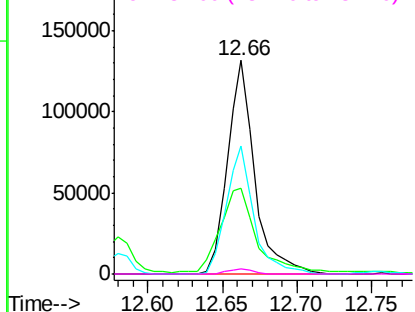
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

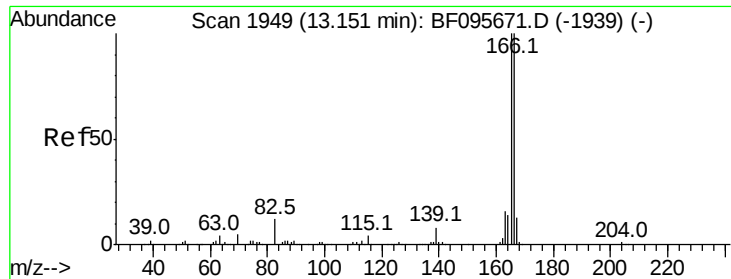


#56
2,4-Dinitrotoluene
Concen: 49.90 ng
RT: 12.66 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion:165 Resp: 168409
Ion Ratio Lower Upper
165 100
63 40.2 25.4 38.0#
89 60.0 46.4 69.6
182 2.4 1.8 2.6

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





#57

Fluorene

Concen: 44.56 ng

RT: 13.13 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

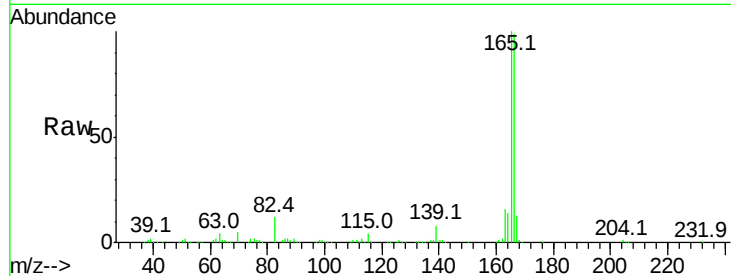
Tot Ion:166 Resp: 523697

Ion Ratio Lower Upper

166 100

165 101.4 78.8 118.2

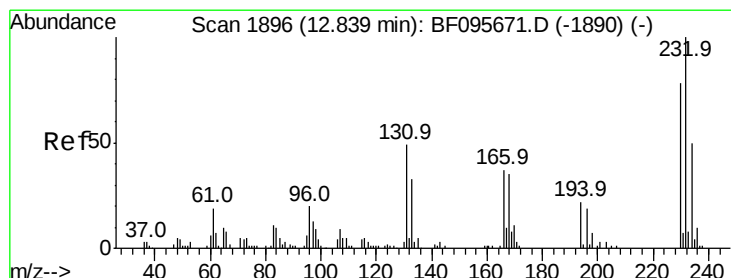
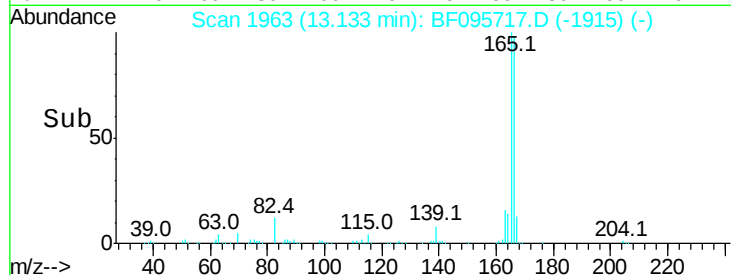
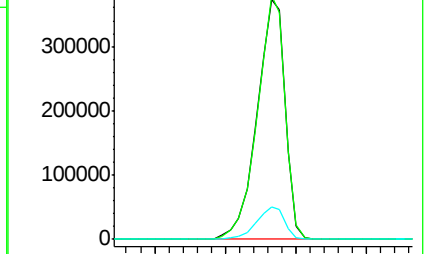
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.62 ng

RT: 12.83 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Tgt Ion:232 Resp: 117522

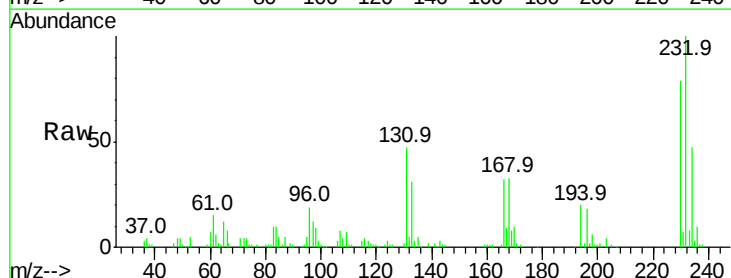
Ion Ratio Lower Upper

232 100

131 48.6 44.8 67.2

130 2.1 2.3 3.5#

166 32.1 29.0 43.4

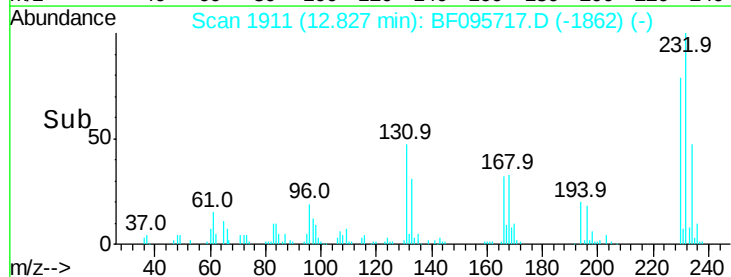
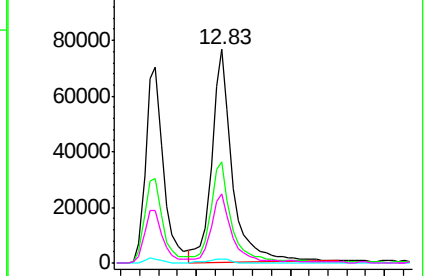


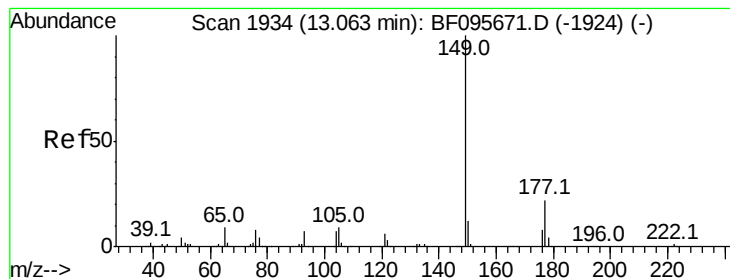
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.36 ng

RT: 13.06 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

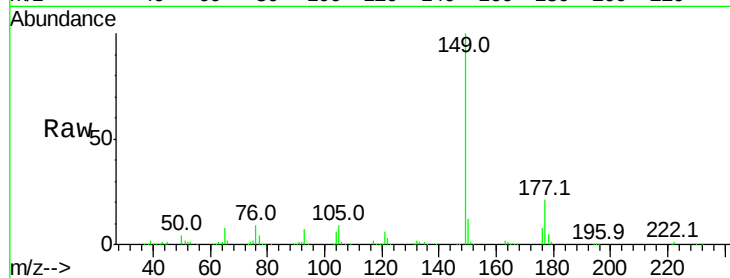
Tot Ion:149 Resp: 544195

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

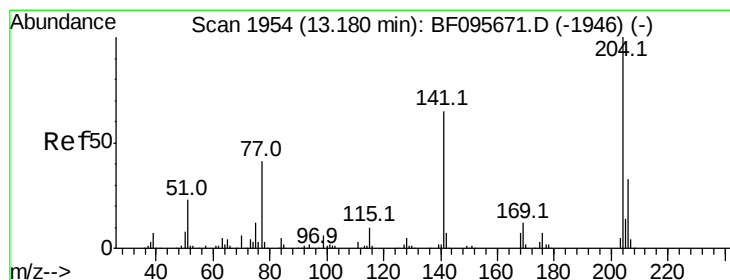
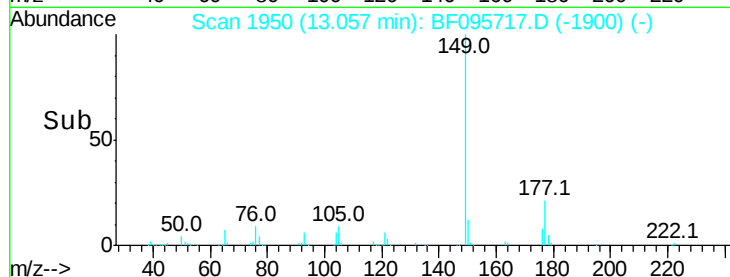
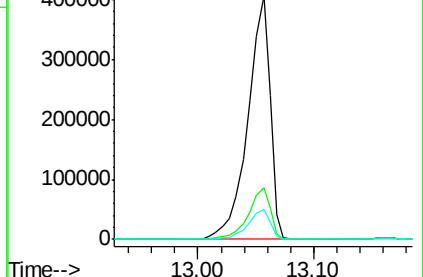
150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.48 ng

RT: 13.16 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

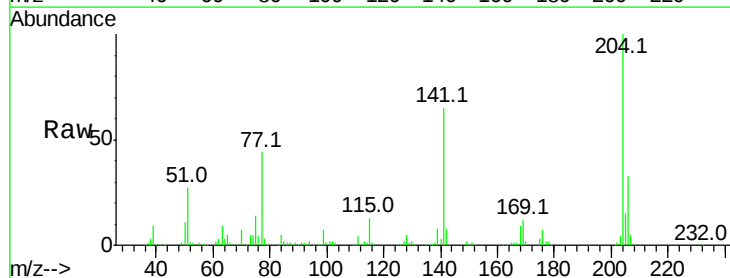
Tgt Ion:204 Resp: 237551

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

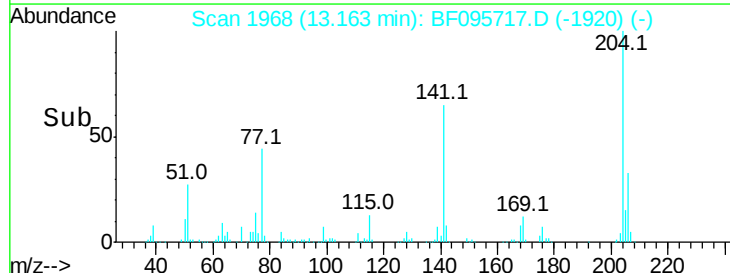
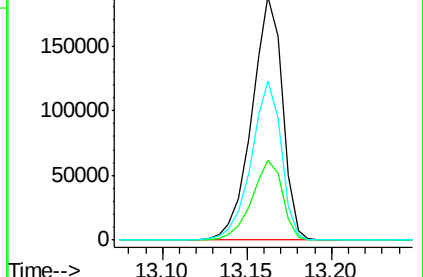
141 65.3 60.8 91.2

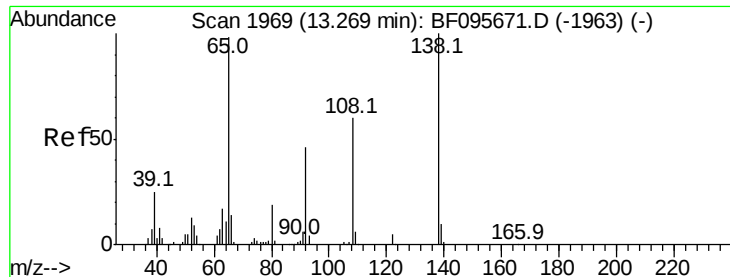


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

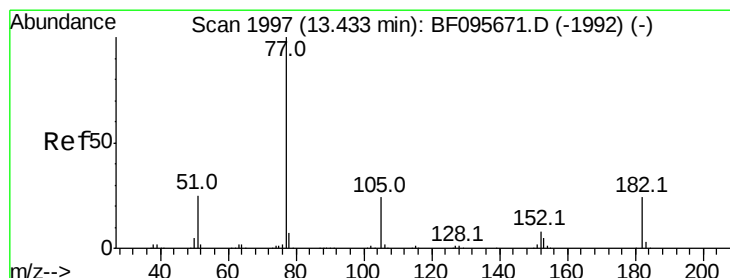
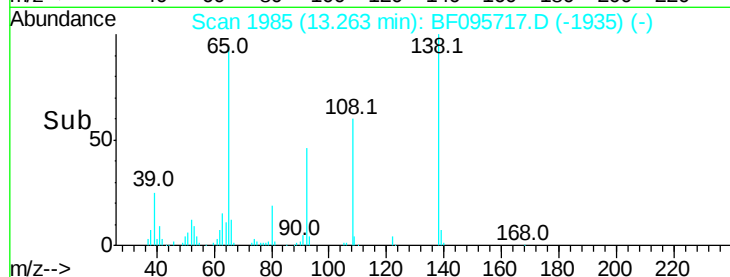
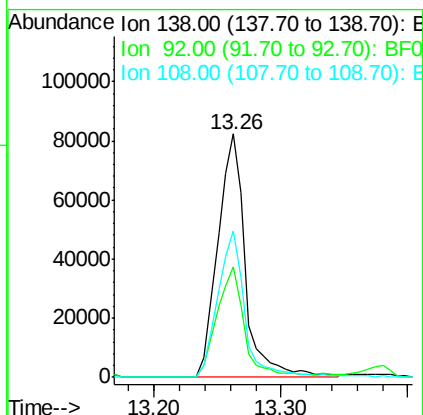
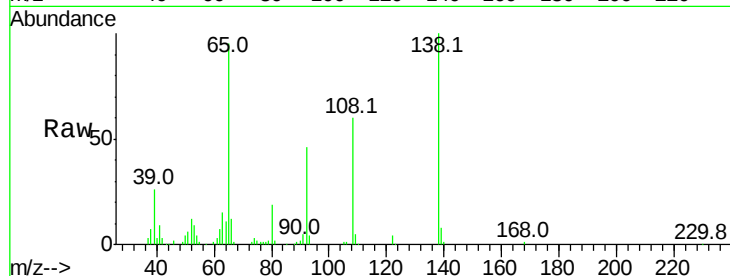




#61
4-Nitroaniline
Concen: 45.80 ng
RT: 13.26 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

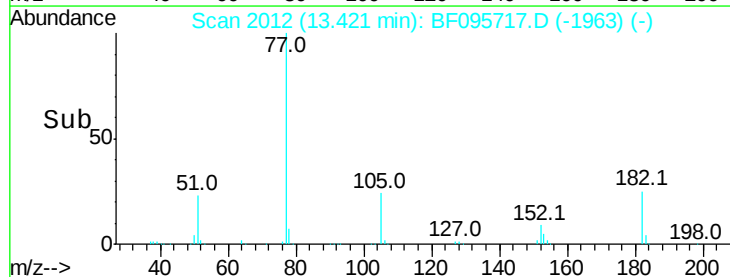
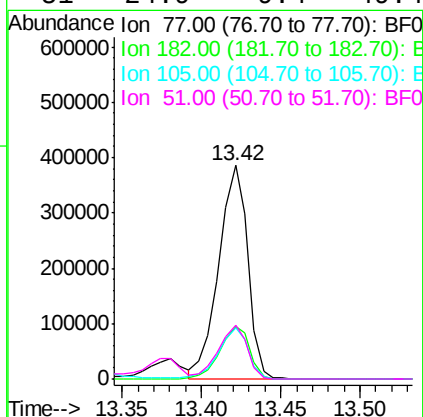
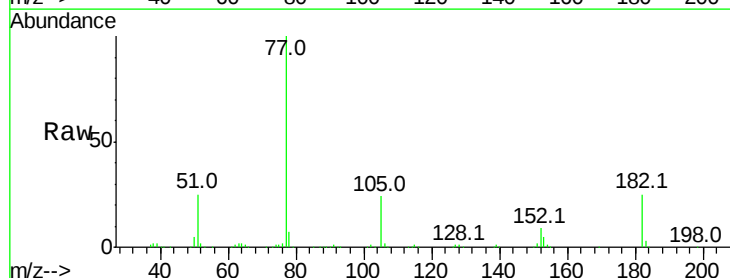
Instrument :
BNA_F
ClientSampleId :

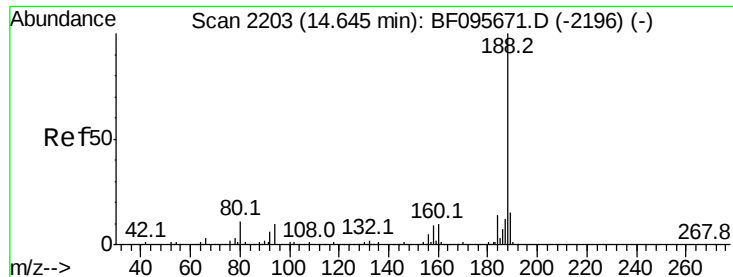
Tot Ion:138 Resp: 124487
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 60.2 42.3 82.3



#62
Azobenzene
Concen: 49.05 ng
RT: 13.42 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion: 77 Resp: 490094
Ion Ratio Lower Upper
77 100
182 24.9 0.1 40.1
105 23.8 3.6 43.6
51 24.9 9.4 49.4

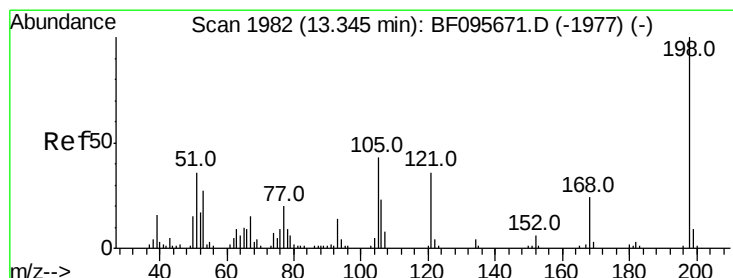
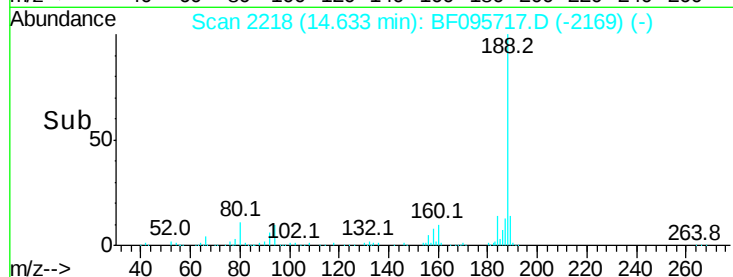
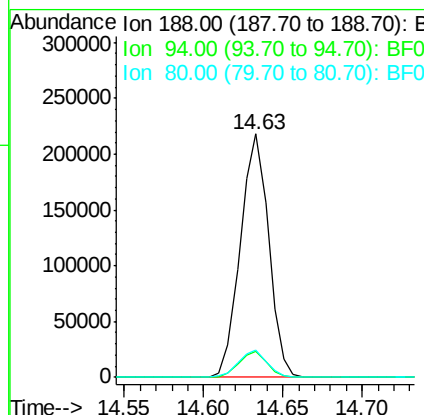
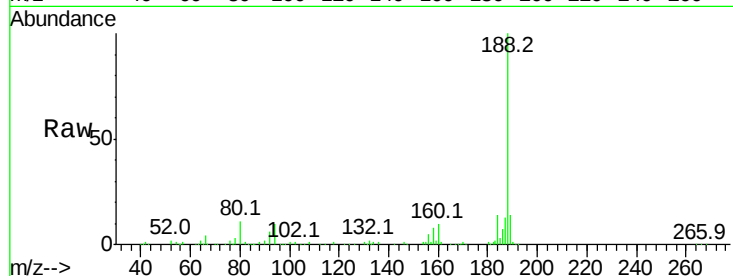




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

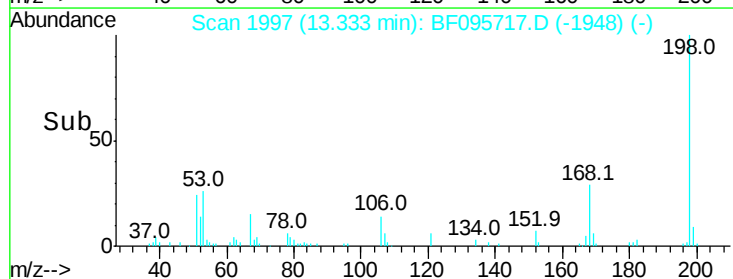
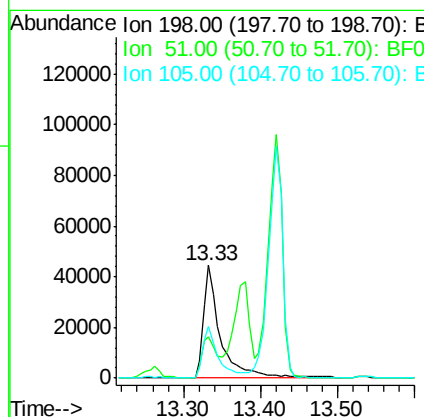
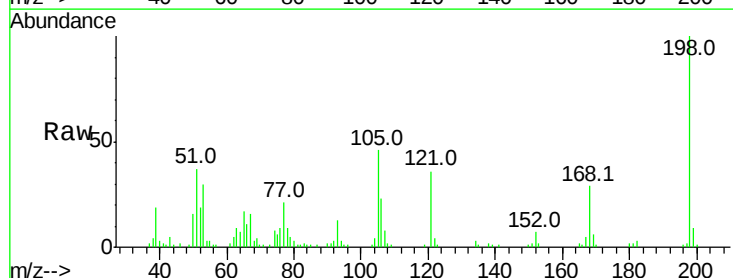
Instrument :
BNA_F
ClientSampleId :

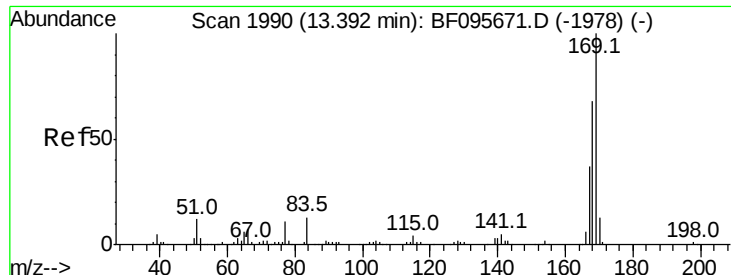
Tot Ion:188 Resp: 269933
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 38.66 ng
RT: 13.33 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion:198 Resp: 68589
Ion Ratio Lower Upper
198 100
51 37.1 53.2 93.2#
105 45.7 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 47.64 ng

RT: 13.38 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

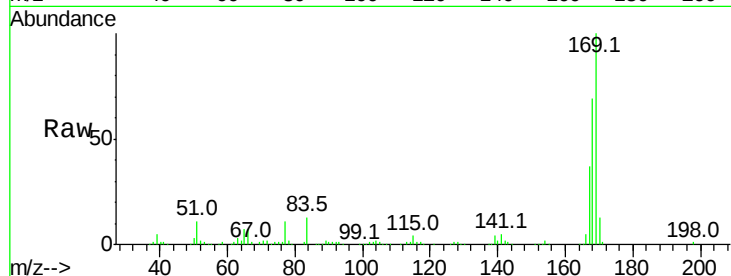
Tot Ion:169 Resp: 462114

Ion Ratio Lower Upper

169 100

168 68.5 53.2 79.8

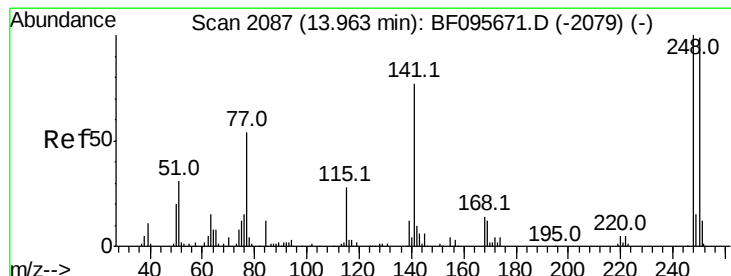
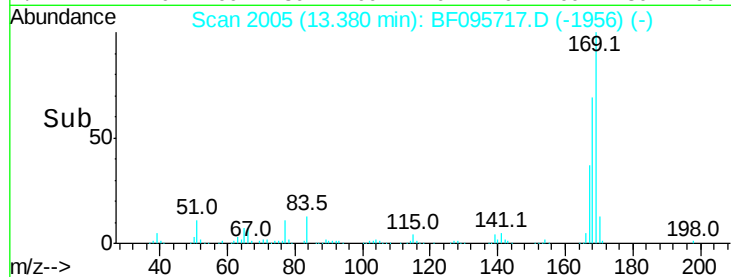
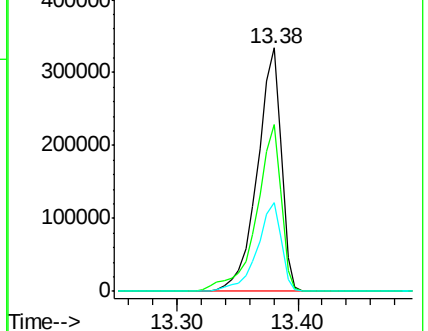
167 36.7 29.5 44.3



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: 48.16 ng

RT: 13.94 min Scan# 2101

Delta R.T. -0.02 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

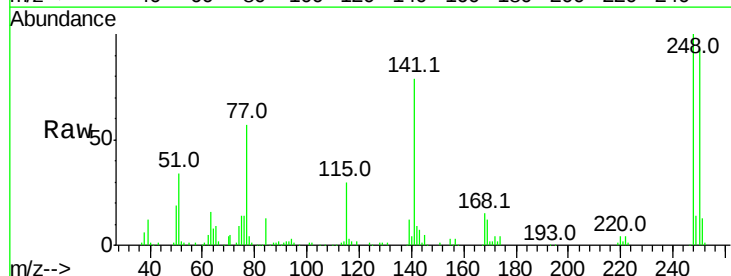
Tgt Ion:248 Resp: 135113

Ion Ratio Lower Upper

248 100

250 93.4 76.8 115.2

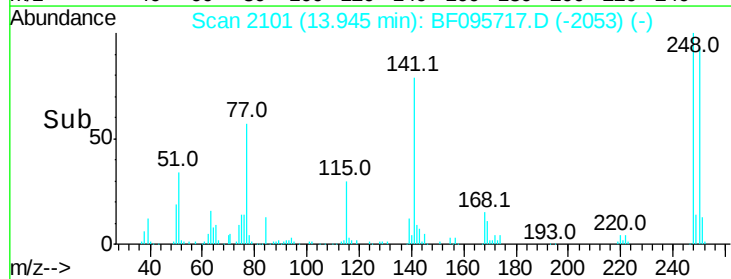
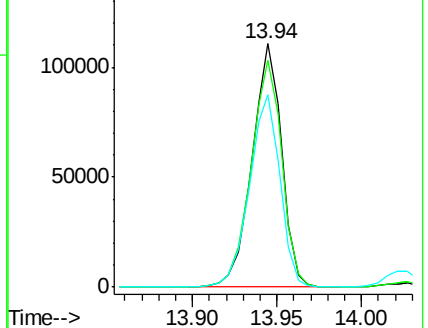
141 79.2 68.6 103.0



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

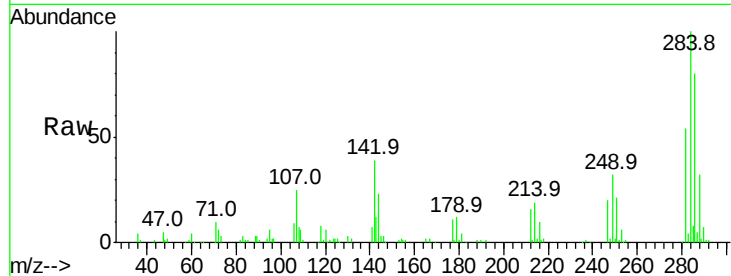




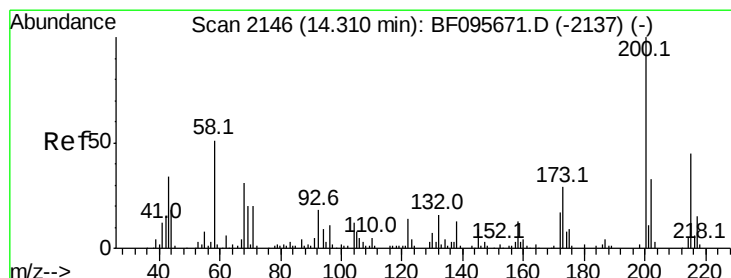
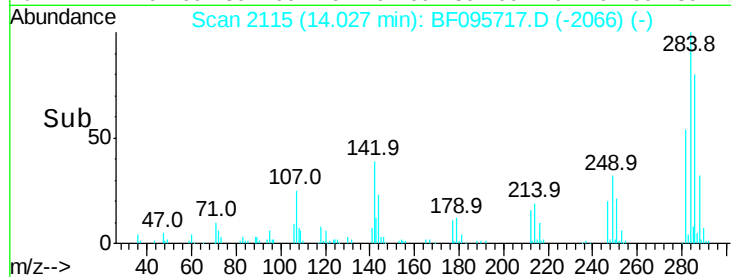
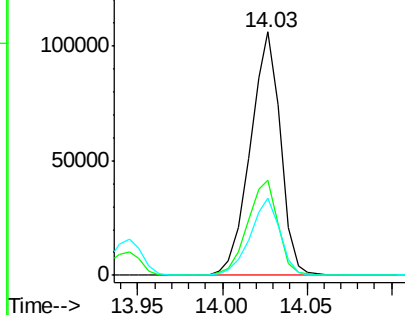
#67
Hexachlorobenzene
Concen: 47.87 ng
RT: 14.03 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 132328
Ion Ratio Lower Upper
284 100
142 39.0 22.8 34.2#
249 31.6 24.0 36.0

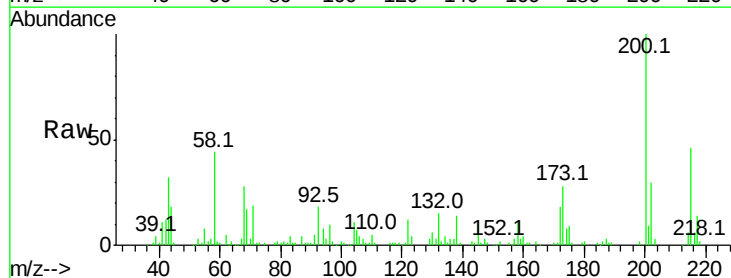


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

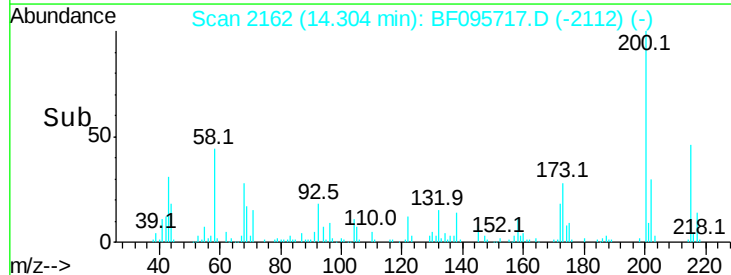
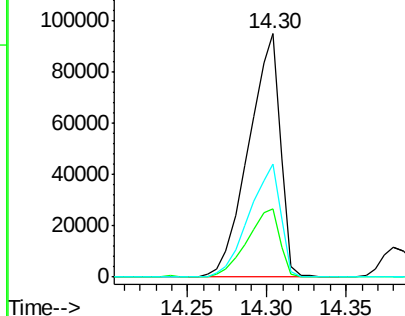


#68
Atrazine
Concen: 49.10 ng
RT: 14.30 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion:200 Resp: 132531
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 46.3 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

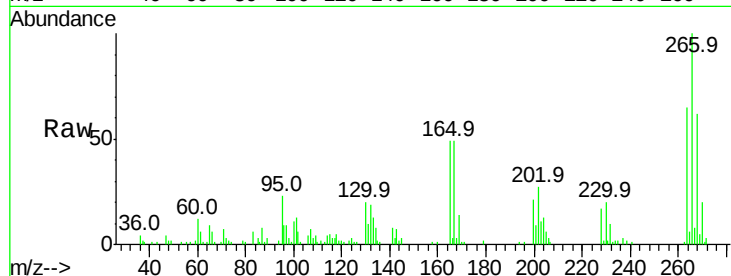




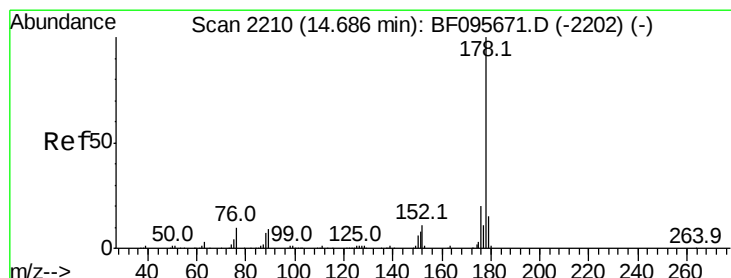
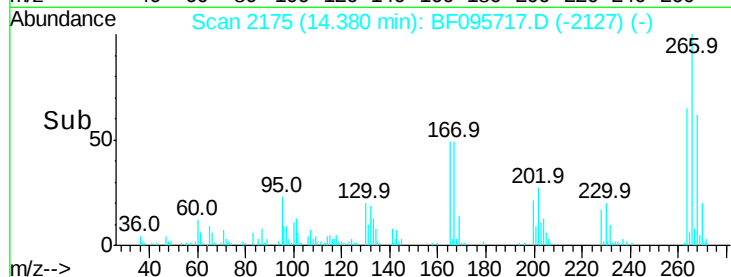
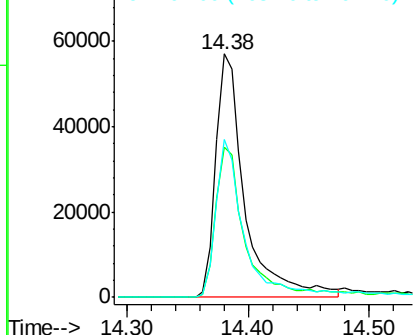
#69
 Pentachlorophenol
 Concen: 90.11 ng
 RT: 14.38 min Scan# 2175
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 95404
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 64.8 51.7 77.5

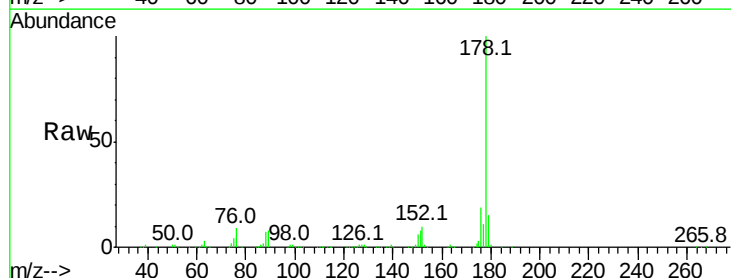


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

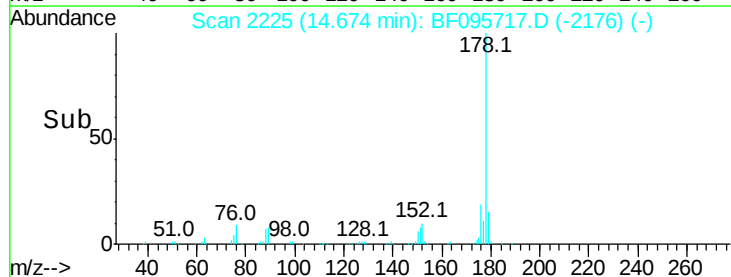
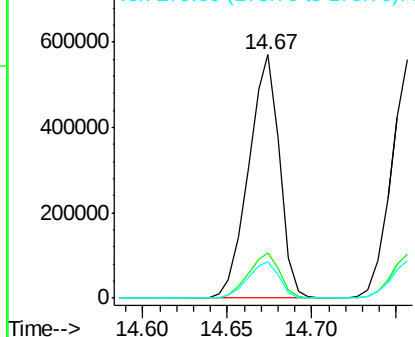


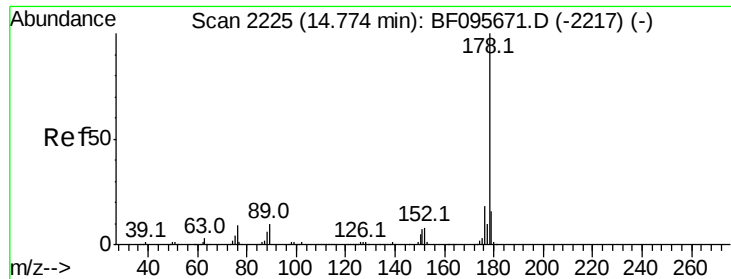
#70
 Phenanthrene
 Concen: 46.48 ng
 RT: 14.67 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:178 Resp: 723992
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.4
 179 14.9 12.6 19.0



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

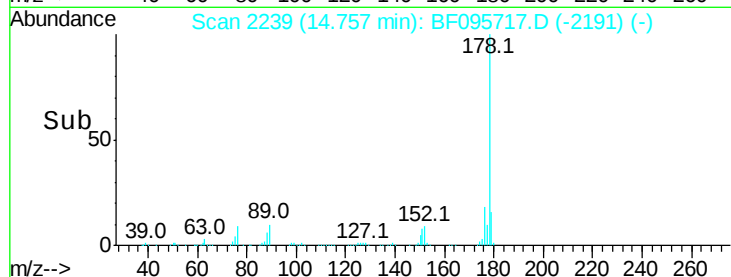
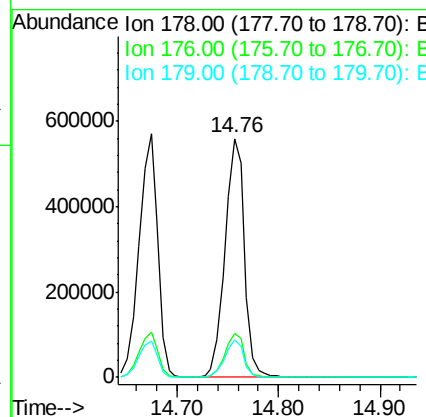
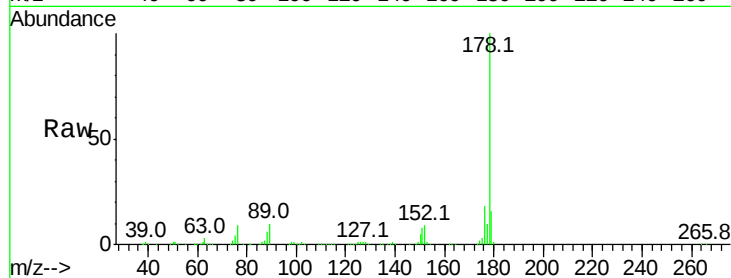




#71
 Anthracene
 Concen: 45.74 ng
 RT: 14.76 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

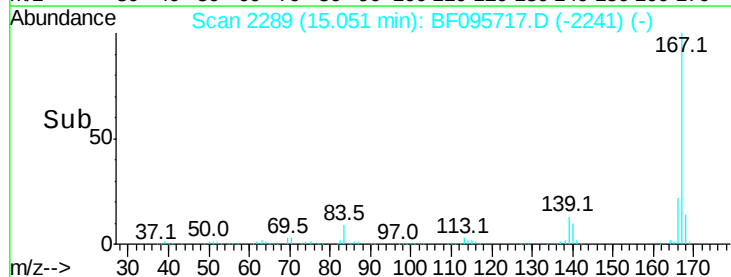
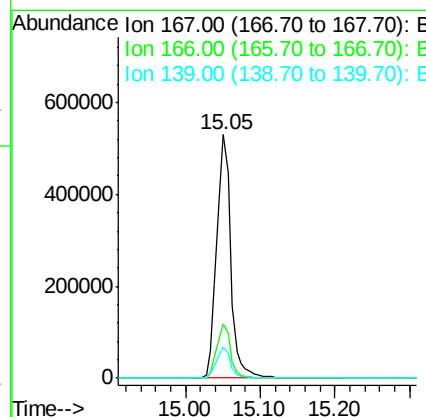
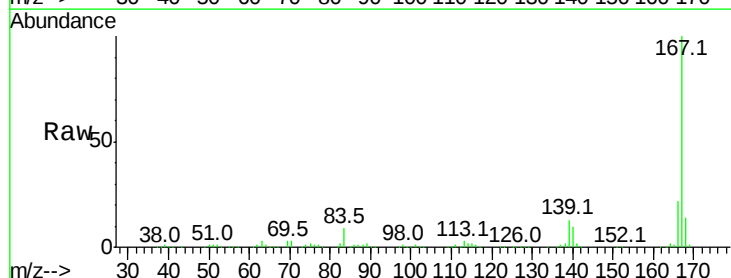
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 743701
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 43.77 ng
 RT: 15.05 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:167 Resp: 693613
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.67 ng

RT: 15.64 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

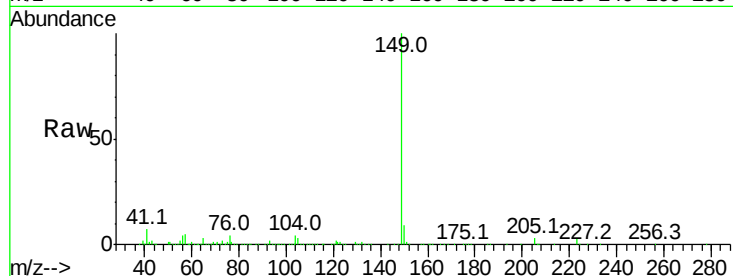
Tot Ion:149 Resp: 820526

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

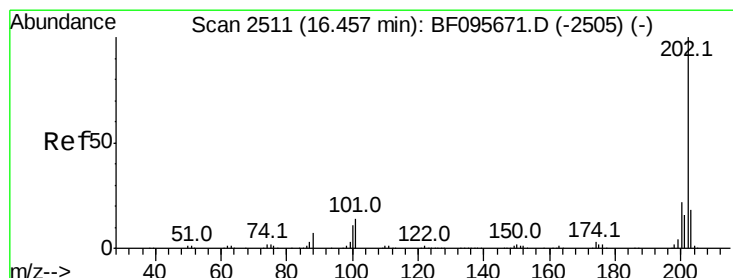
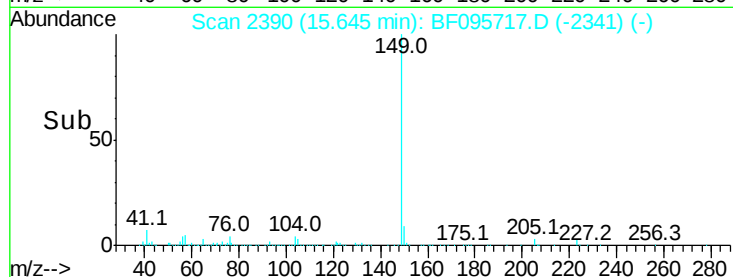
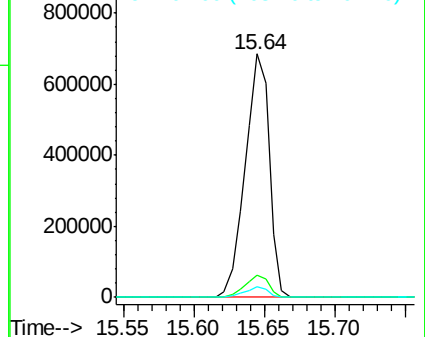
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.19 ng

RT: 16.44 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

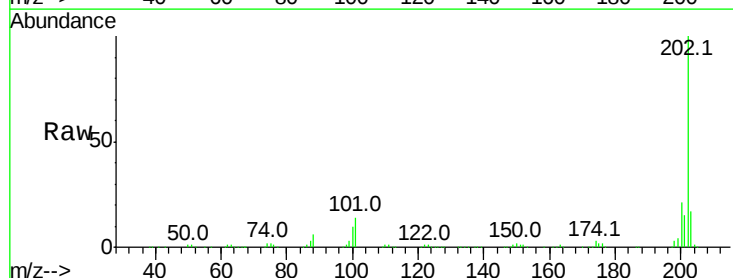
Tgt Ion:202 Resp: 696572

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

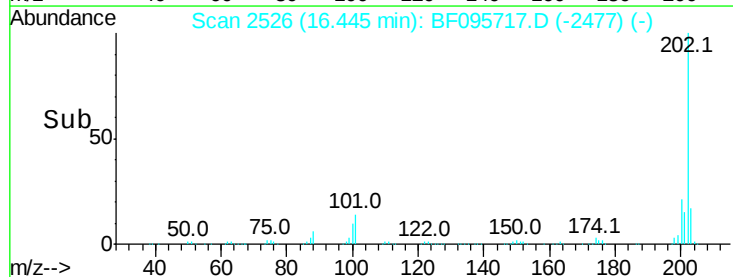
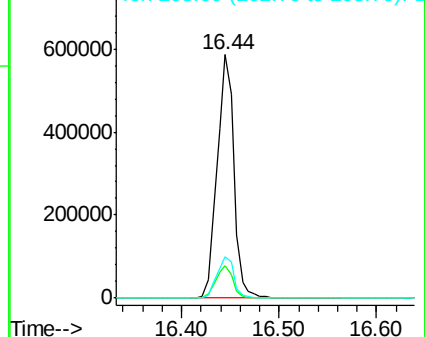
203 17.2 0.0 38.1

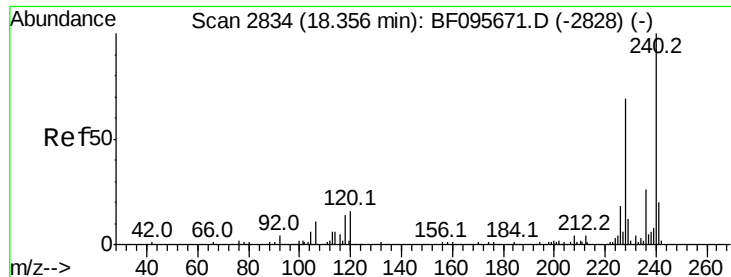


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

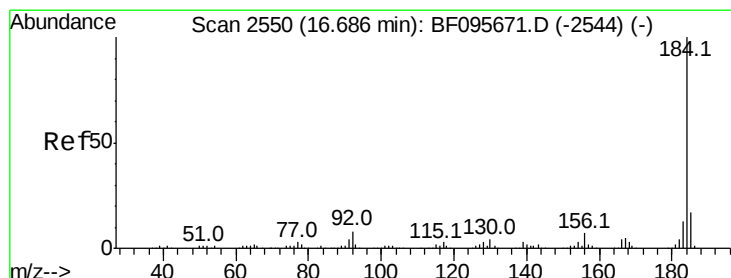
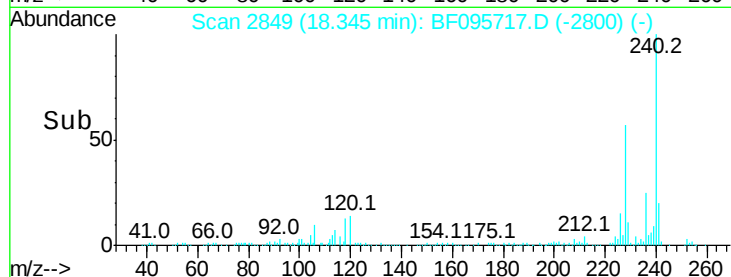
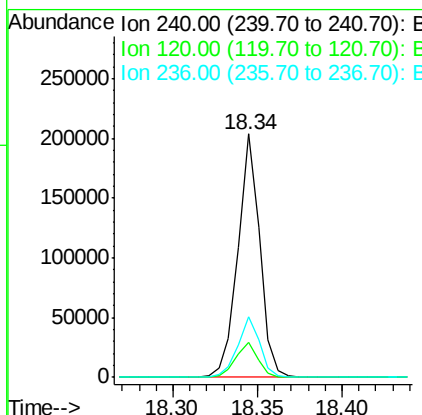
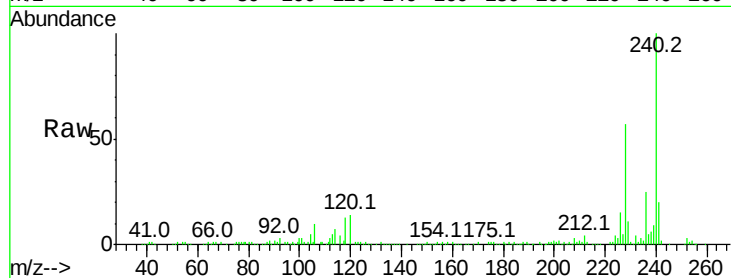




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

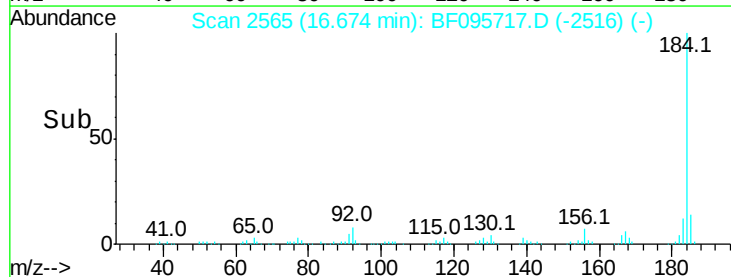
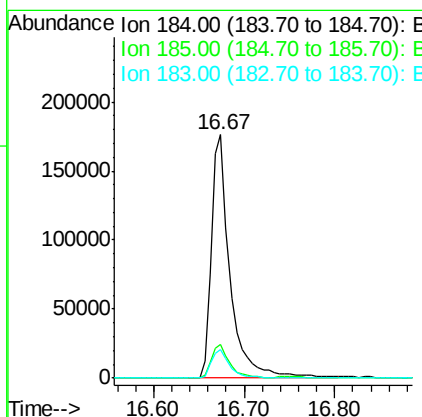
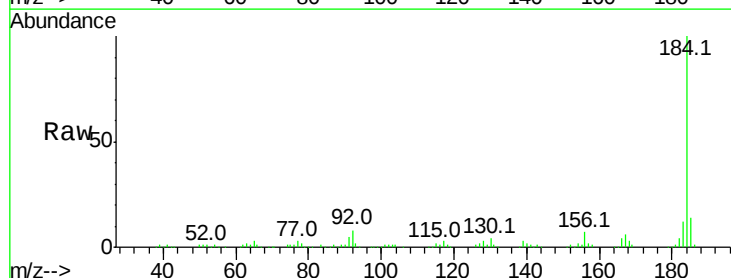
Instrument :
 BNA_F
 ClientSampled :

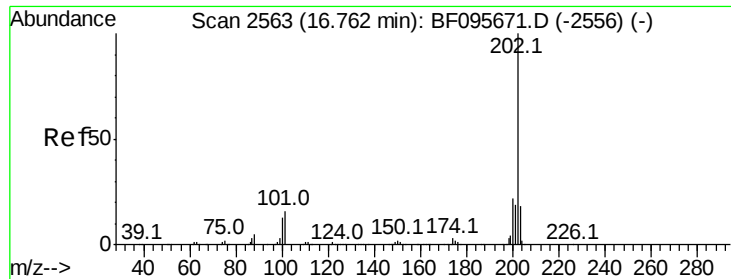
Tot Ion:240 Resp: 183135
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.1 20.5 30.7



#76
 Benzidine
 Concen: 36.14 ng
 RT: 16.67 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:184 Resp: 254215
 Ion Ratio Lower Upper
 184 100
 185 13.6 15.5 23.3#
 183 11.9 9.8 14.6





#77

Pvrene

Concen: 51.12 ng

RT: 16.75 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

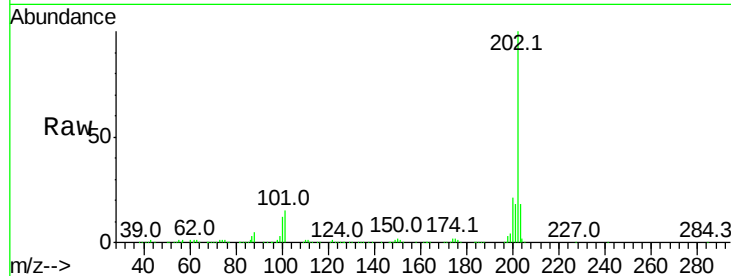
Tot Ion:202 Resp: 698498

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

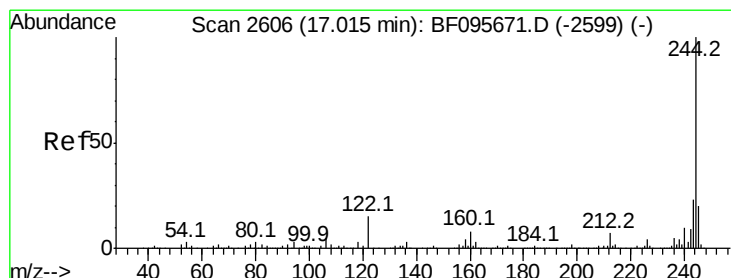
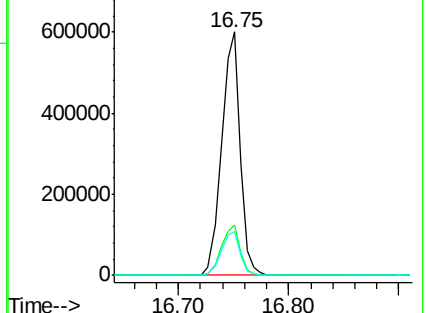
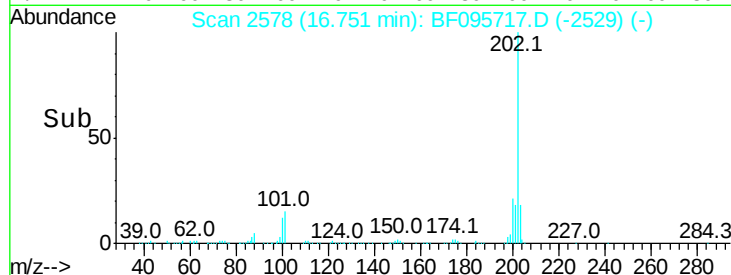
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.98 ng

RT: 17.00 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF095717.D

Acq: 6 Jun 2017 19:28

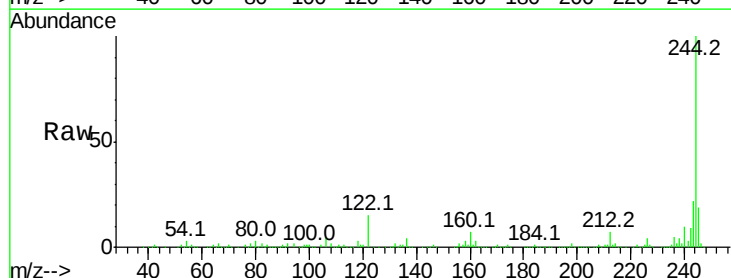
Tgt Ion:244 Resp: 752546

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

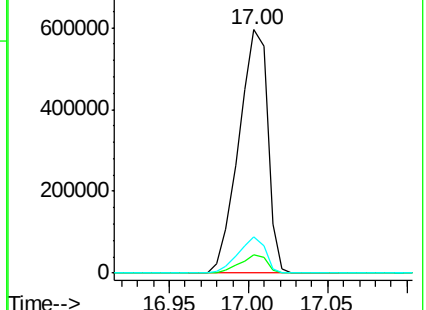
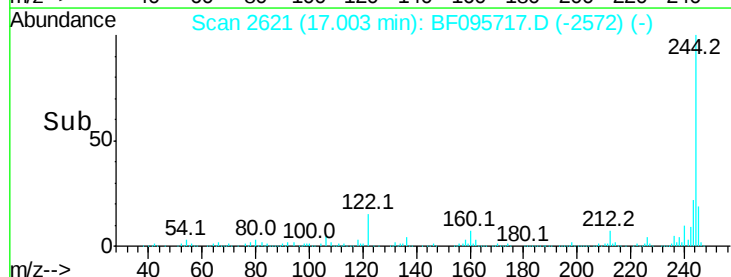
122 14.8 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

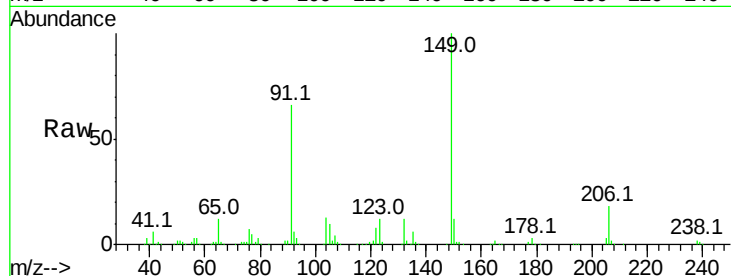




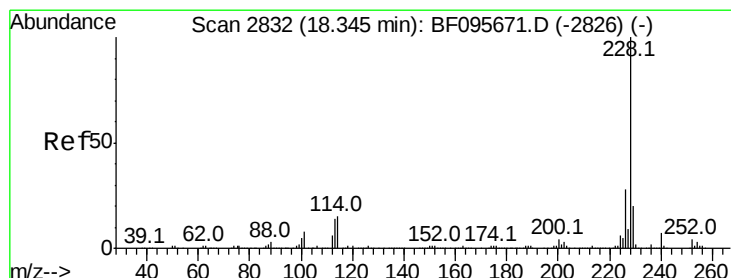
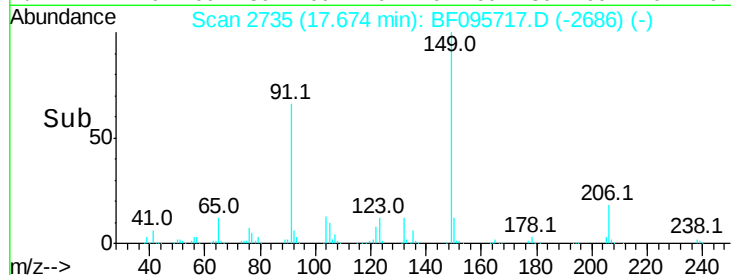
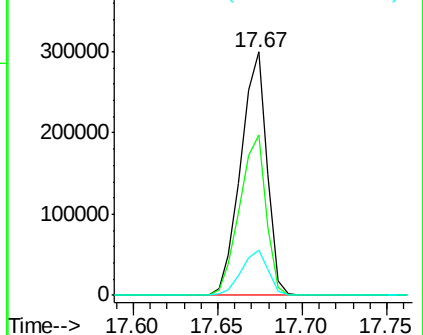
#79
Butylbenzylphthalate
Concen: 54.35 ng
RT: 17.67 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 324371
Ion Ratio Lower Upper
149 100
91 65.9 45.0 67.4
206 18.5 17.0 25.6

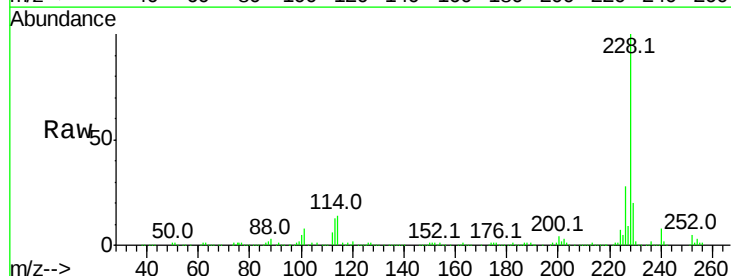


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

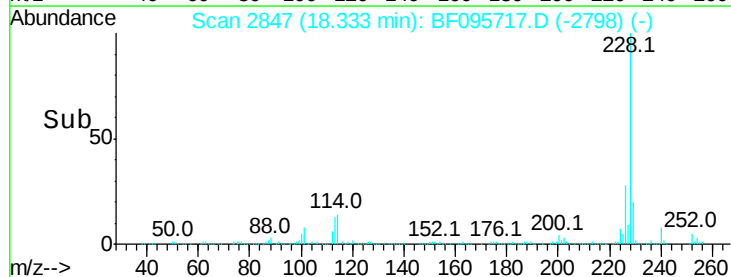
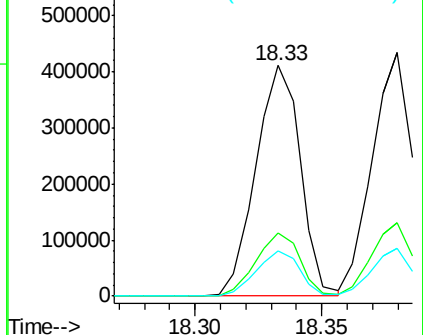


#80
Benzo(a)anthracene
Concen: 47.05 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion:228 Resp: 501002
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.8 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

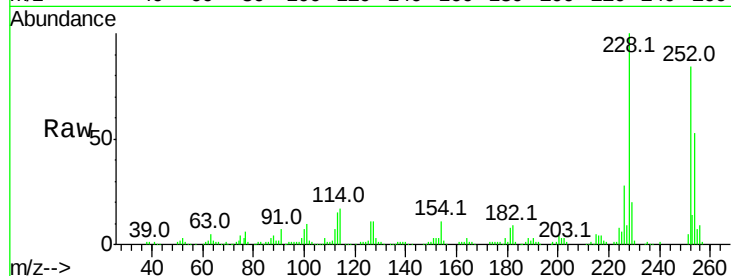




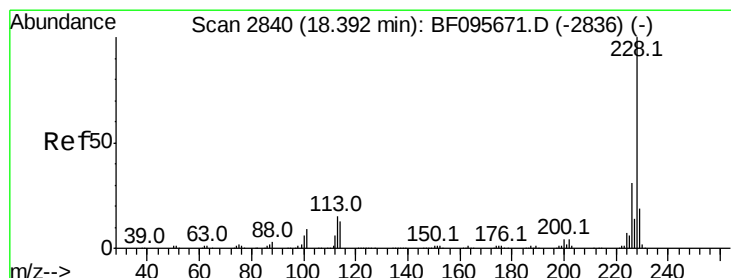
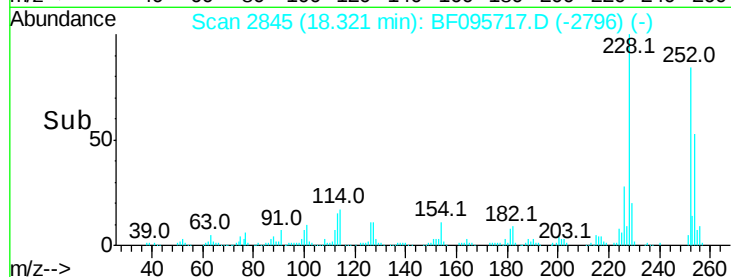
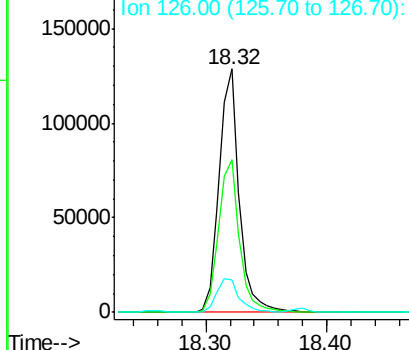
#81
 3,3'-Dichlorobenzidine
 Concen: 39.16 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 148227
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.5 77.3
 126 13.5 15.8 23.8#

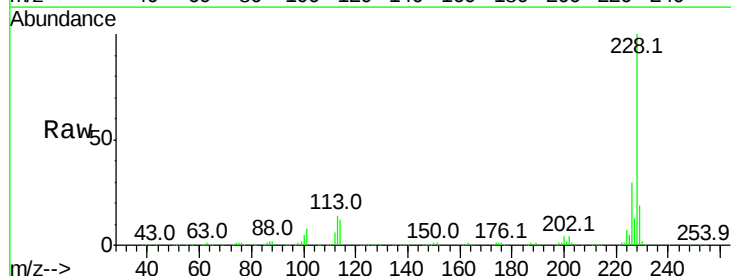


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

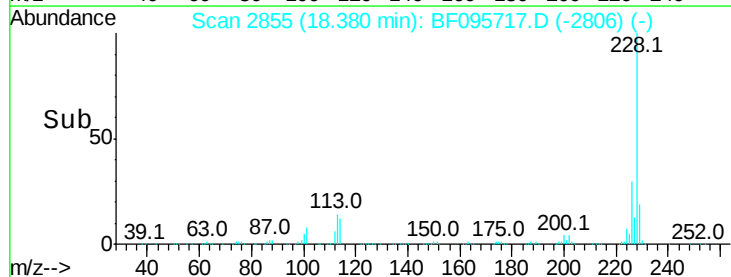
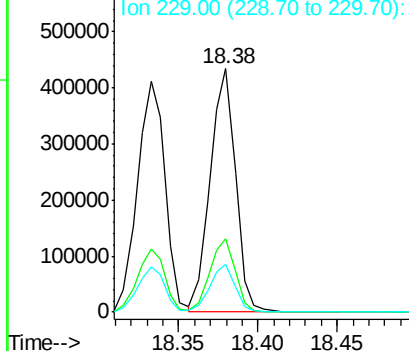


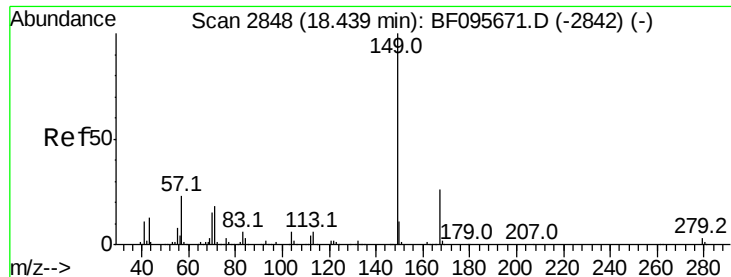
#82
 Chrysene
 Concen: 45.49 ng
 RT: 18.38 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:228 Resp: 483996
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 19.5 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

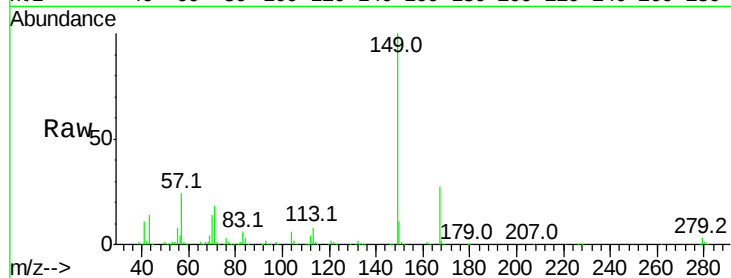




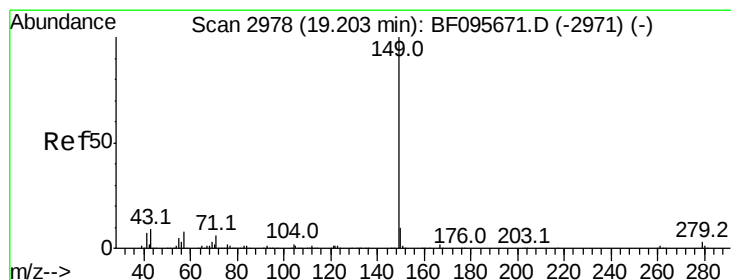
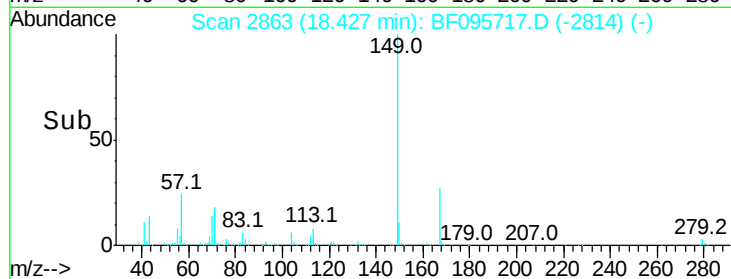
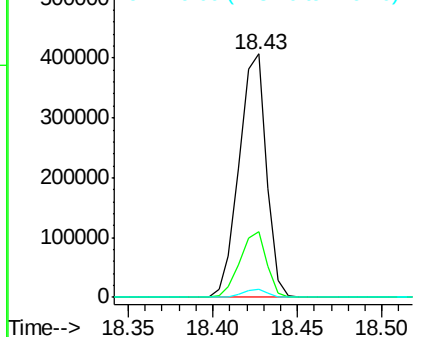
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.53 ng
 RT: 18.43 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 459061
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.4 1.9 2.9#

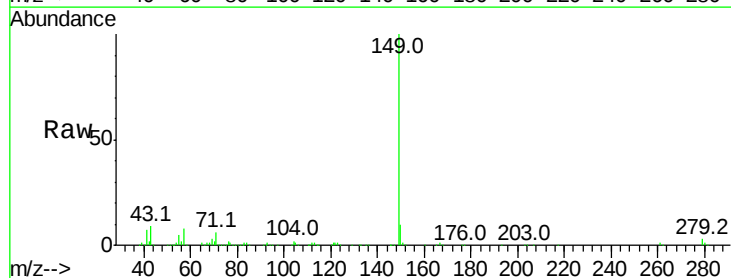


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

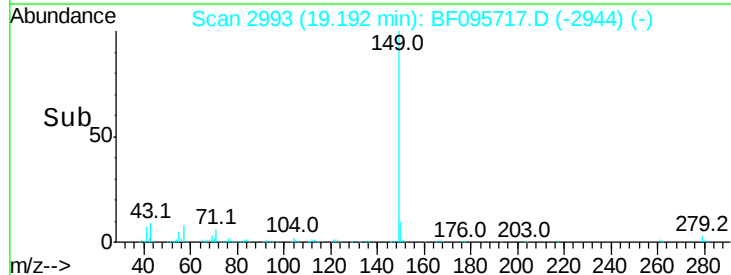
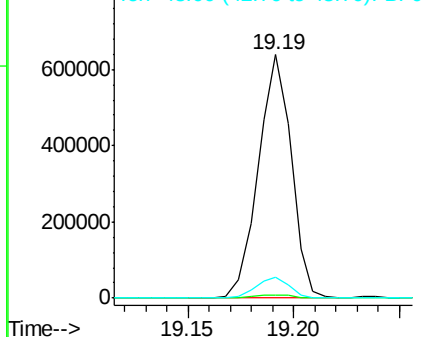


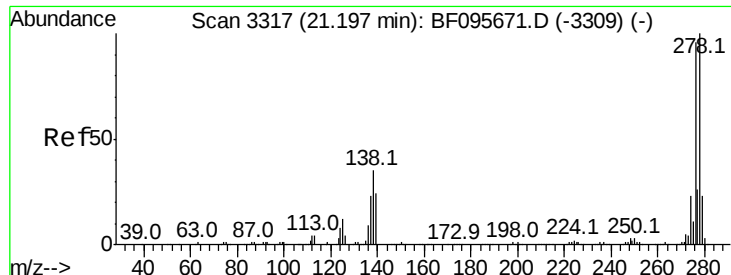
#84
 Di-n-octyl phthalate
 Concen: 49.97 ng
 RT: 19.19 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:149 Resp: 693209
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.5 12.7



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

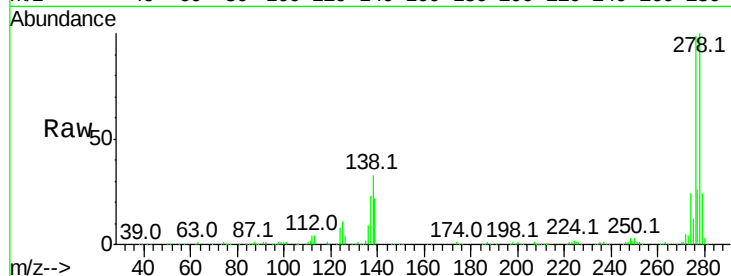




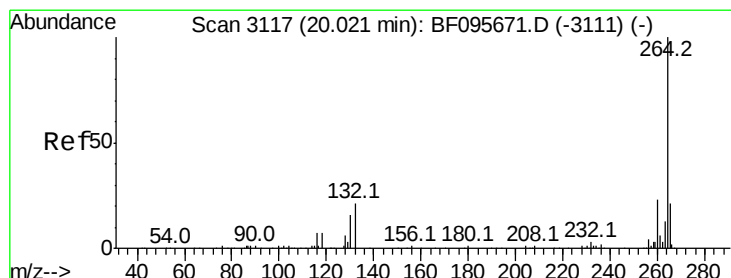
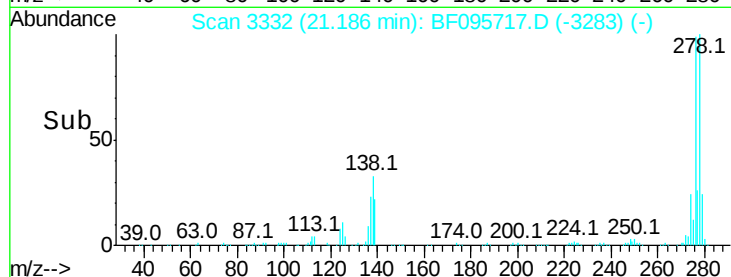
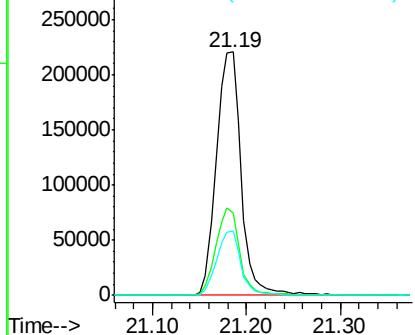
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.81 ng
 RT: 21.19 min Scan# 3332
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 407974
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.8 41.6
 277 25.7 20.2 30.4

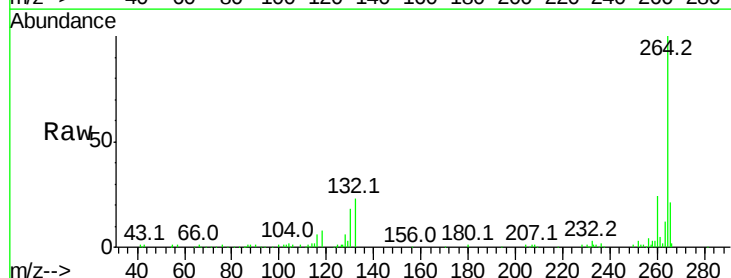


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

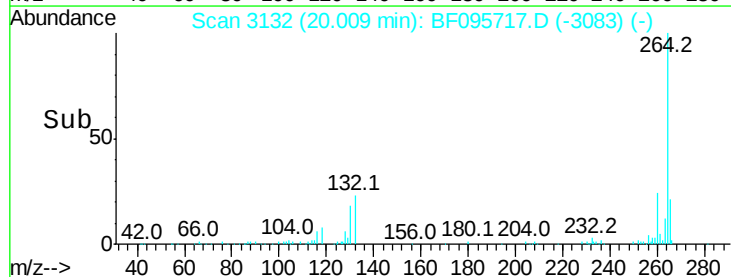
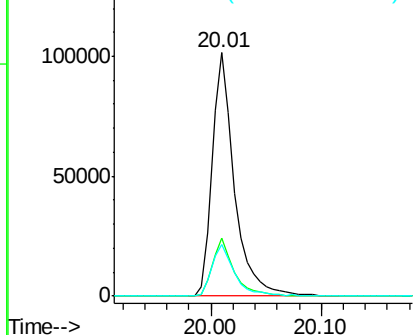


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:264 Resp: 140009
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.3 17.2 25.8



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

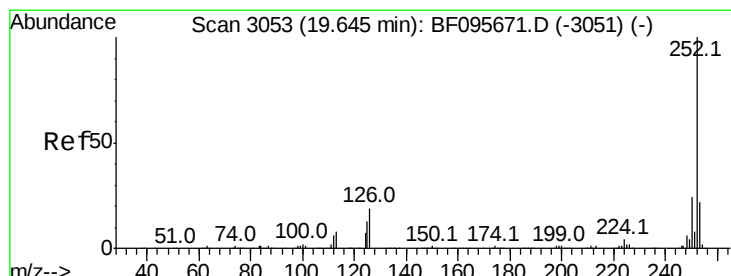
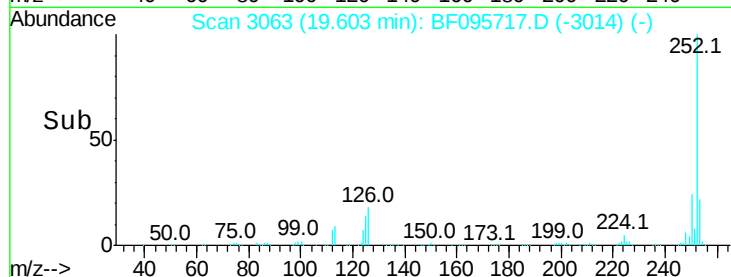
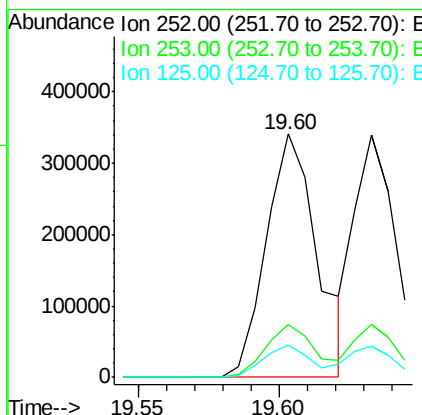
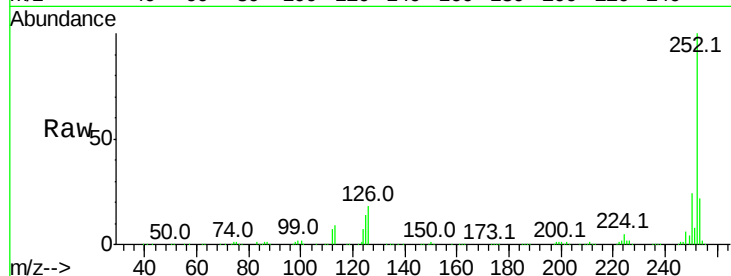




#87
 Benzo(b)fluoranthene
 Concen: 48.57 ng
 RT: 19.60 min Scan# 3063
 Delta R.T. -0.01 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

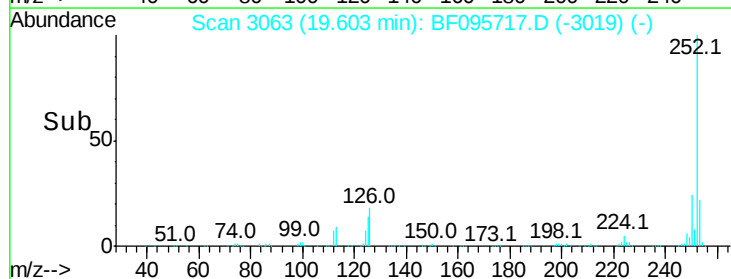
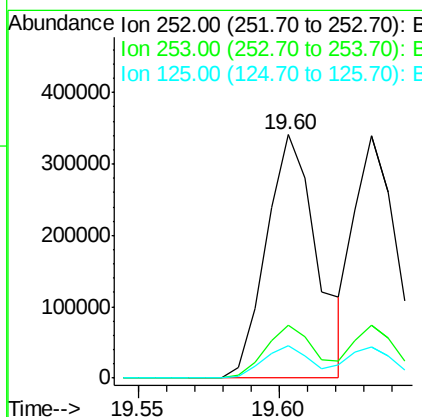
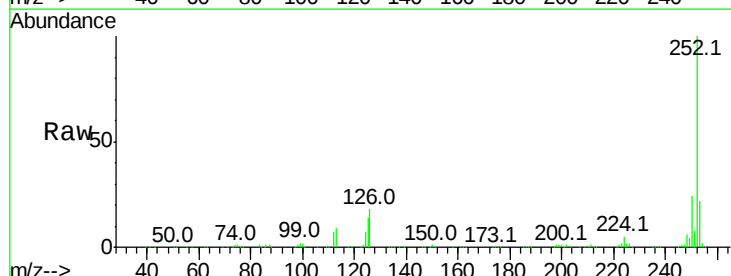
Instrument :
 BNA_F
 ClientSampleId :

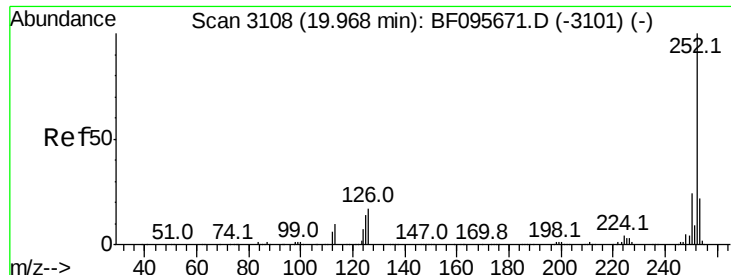
Tot Ion:252 Resp: 425831
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.1 27.1
 125 13.6 9.8 14.8



#88
 Benzo(k)fluoranthene
 Concen: 50.82 ng
 RT: 19.60 min Scan# 3063
 Delta R.T. -0.04 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Tgt Ion:252 Resp: 425831
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.4 27.6
 125 13.6 13.1 19.7

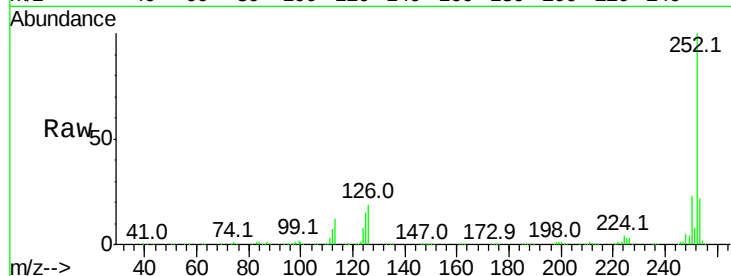




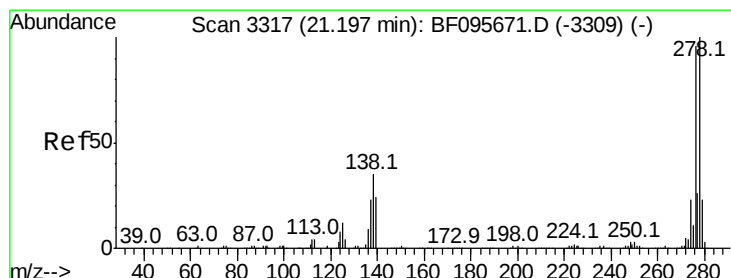
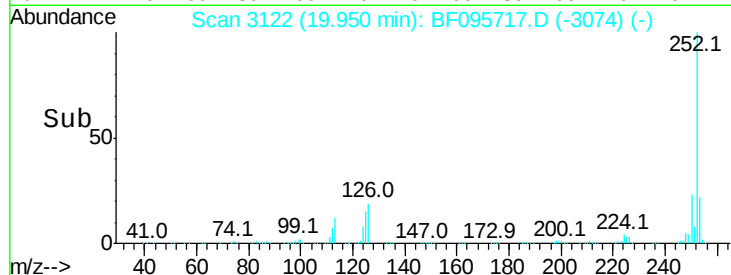
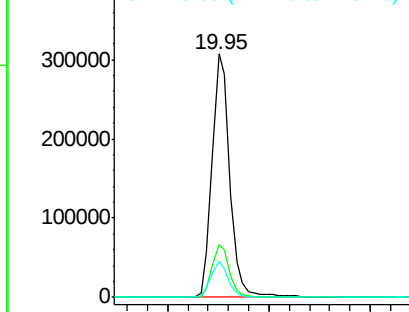
#89
Benzo(a)pyrene
Concen: 46.57 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 375271
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 15.1 11.0 16.4

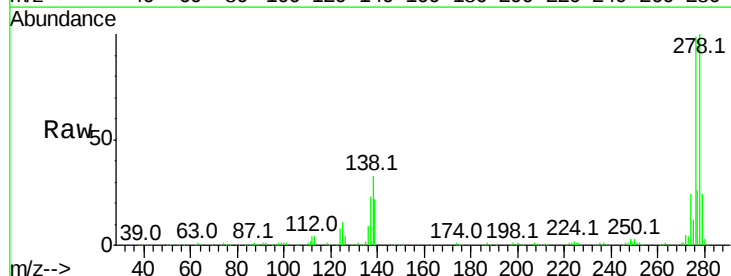


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

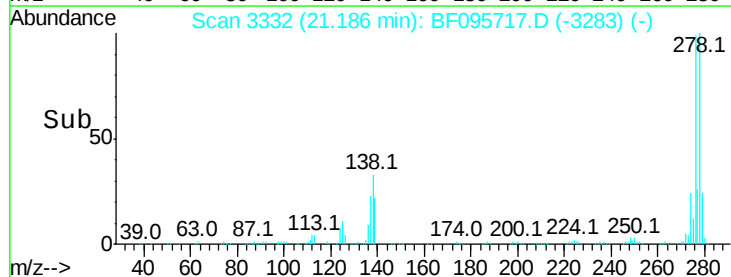
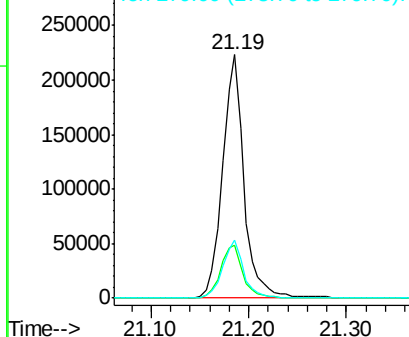


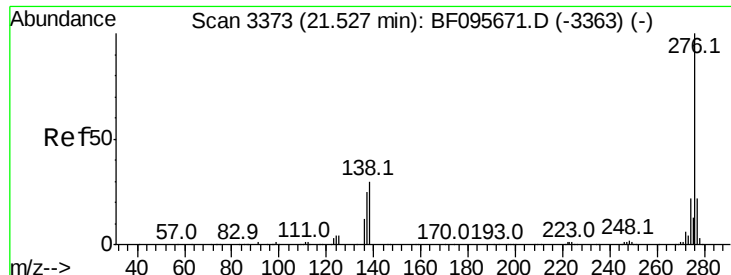
#90
Dibenzo(a,h)anthracene
Concen: 49.69 ng
RT: 21.19 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BF095717.D
Acq: 6 Jun 2017 19:28

Tgt Ion:278 Resp: 339671
Ion Ratio Lower Upper
278 100
139 21.7 16.6 24.8
279 23.8 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

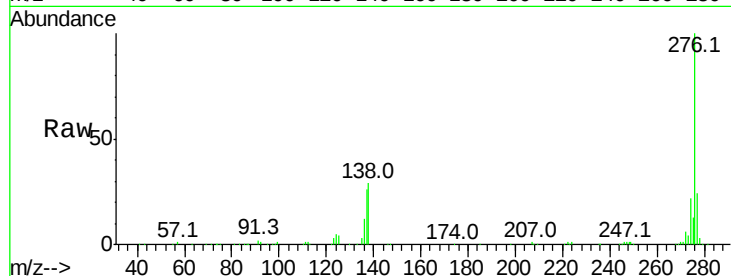




#91
 Benzo(a,h,i)perylene
 Concen: 51.52 ng
 RT: 21.51 min Scan# 3387
 Delta R.T. -0.02 min
 Lab File: BF095717.D
 Acq: 6 Jun 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	28.7	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

