

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095689.D
 Acq On : 5 Jun 2017 23:45
 Operator : SJ/MA
 Sample : I3449-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:22:33 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	7.40	152	114809	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	395010	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	174797	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	259830	20.00	ng	0.00
75) Chrysene-d12	18.35	240	200623	20.00	ng	0.00
86) Perylene-d12	20.02	264	178160	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	740150	102.73	ng	0.00
7) Phenol-d6	6.95	99	918803	106.52	ng	0.00
23) Nitrobenzene-d5	8.31	82	559606	87.98	ng	0.00
41) 2,4,6-Tribromophenol	13.54	330	149008	96.35	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	812002	64.64	ng	0.00
78) Terphenyl-d14	17.01	244	455201	56.31	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.60	88	28164	8.22	ng	# 21
4) n-Nitrosodimethylamine	1.99	42	793	0.26	ng	# 1
6) Aniline	6.97	93	386	0.03	ng	# 1
9) Benzaldehyde	6.72	77	356	0.06	ng	# 1
10) Phenol	6.97	94	13301	1.49	ng	# 42
11) bis(2-Chloroethyl)ether	7.05	93	1016	0.14	ng	# 1
12) 1,3-Dichlorobenzene	7.44	146	472	0.05	ng	# 26
13) 1,4-Dichlorobenzene	7.44	146	472	0.05	ng	# 25
14) 1,2-Dichlorobenzene	7.44	146	472	0.06	ng	# 23
15) Benzyl Alcohol	7.63	79	8075	1.36	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.84	45	1039	0.10	ng	# 70
18) Hexachloroethane	8.17	117	106	0.04	ng	# 1
19) n-Nitroso-di-n-propylamine	8.31	70	72209	13.21	ng	# 75
20) 3+4-Methylphenols	8.36	107	395	0.05	ng	# 39
22) Acetophenone	8.11	105	3600	0.39	ng	# 89
24) Nitrobenzene	8.34	77	816	0.12	ng	# 39
25) Isophorone	8.71	82	261	0.02	ng	# 67
31) Naphthalene	9.46	128	50130	2.53	ng	# 99
32) Benzoic acid	9.37	122	259	5.18	ng	# 79
33) 4-Chloroaniline	9.46	127	6193	0.80	ng	# 28
35) Caprolactam	10.24	113	1150	0.73	ng	# 69
36) 4-Chloro-3-methylphenol	10.47	107	367	0.07	ng	# 14
37) 2-Methylnaphthalene	10.59	142	33196	2.48	ng	# 99
45) 1,1'-Biphenyl	11.37	154	7313	0.51	ng	# 89
46) 2-Chloronaphthalene	11.47	162	107	0.01	ng	# 40
47) 2-Nitroaniline	11.56	65	113	0.03	ng	# 1
48) Acenaphthylene	12.02	152	57847	3.01	ng	# 98
49) Dimethylphthalate	11.90	163	240322	18.11	ng	# 98
50) 2,6-Dinitrotoluene	11.90	165	2587	0.89	ng	# 1
51) Acenaphthene	12.30	154	4530	0.41	ng	# 92
54) Dibenzofuran	12.60	168	11503	0.74	ng	# 96
55) 4-Nitrophenol	12.68	139	411	4.82	ng	# 55
56) 2,4-Dinitrotoluene	12.68	165	547	0.14	ng	# 38
57) Fluorene	13.15	166	9473	0.70	ng	# 95

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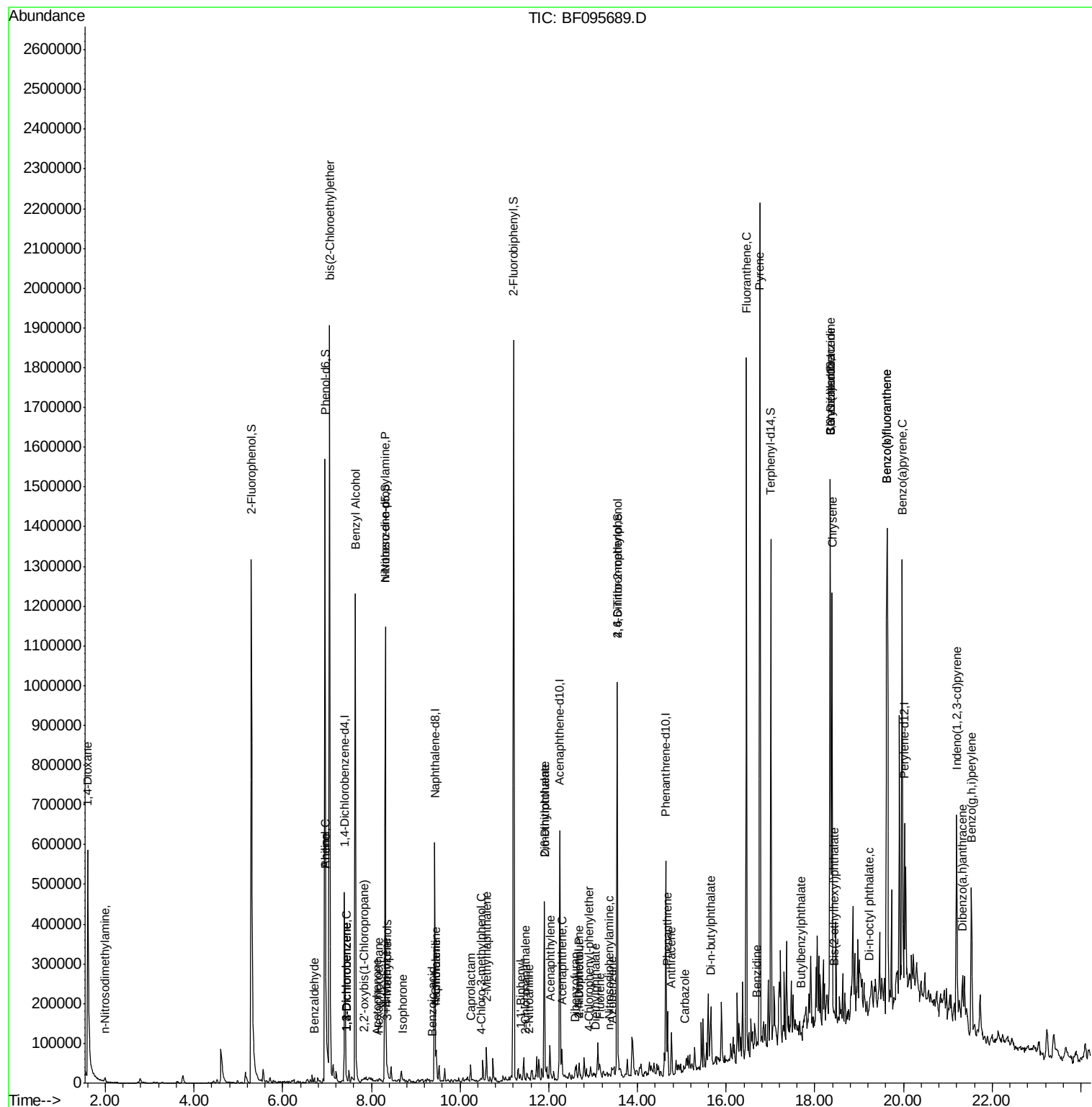
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	13.05	149	7955	0.62	nq	96
60) 4-Chlorophenyl-phenylether	12.89	204	108	0.02	nq	# 21
62) Azobenzene	13.41	77	782	0.07	nq	# 1
64) 4,6-Dinitro-2-methylphenol	13.54	198	161	0.09	nq	# 1
65) n-Nitrosodiphenylamine	13.37	169	3776	0.40	nq	# 51
70) Phenanthrene	14.68	178	90253	6.02	nq	96
71) Anthracene	14.77	178	57445	3.67	nq	98
72) Carbazole	15.08	167	8541	0.56	nq	# 92
73) Di-n-butylphthalate	15.65	149	5034	0.31	nq	# 63
74) Fluoranthene	16.46	202	858456	57.85	nq	98
76) Benzydine	16.70	184	134	0.02	nq	# 62
77) Pyrene	16.77	202	933414	62.35	nq	98
79) Butylbenzylphthalate	17.68	149	1460	0.22	nq	# 43
80) Benzo(a)anthracene	18.35	228	571109	48.96	nq	99
81) 3,3'-Dichlorobenzidine	18.34	252	132	0.03	nq	# 1
82) Chrysene	18.39	228	467935	40.14	nq	97
83) Bis(2-ethylhexyl)phthalate	18.44	149	3075	0.33	nq	# 95
84) Di-n-octyl phthalate	19.22	149	824	0.05	nq	# 1
85) Indeno(1,2,3-cd)pyrene	21.20	276	274392	27.51	nq	94
87) Benzo(b)fluoranthene	19.62	252	875916	78.52	nq	# 97
88) Benzo(k)fluoranthene	19.62	252	875916	82.14	nq	99
89) Benzo(a)pyrene	19.97	252	490893	47.88	nq	98
90) Dibenzo(a,h)anthracene	21.33	278	58844	6.77	nq	96
91) Benzo(g,h,i)perylene	21.53	276	232492	26.22	nq	97

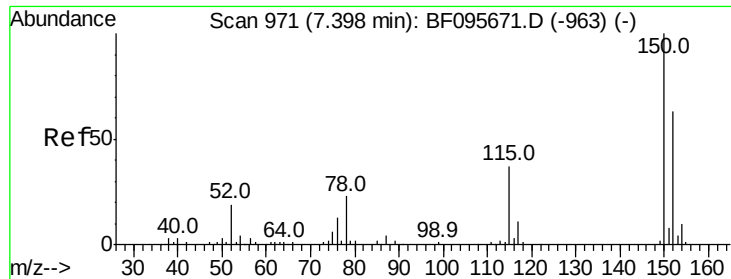
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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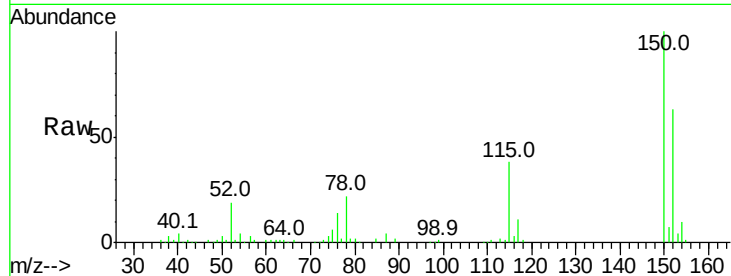


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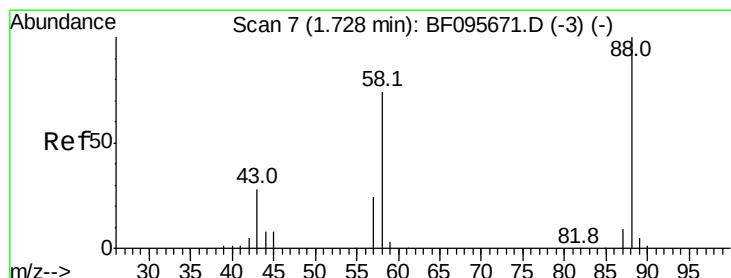
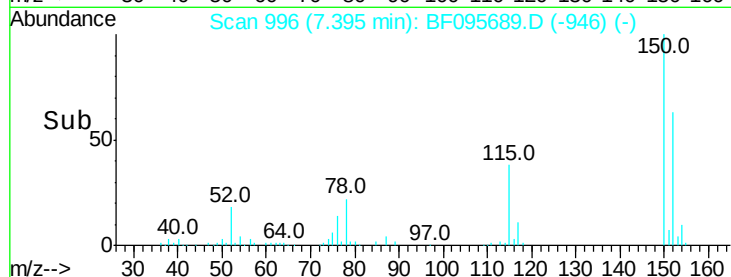
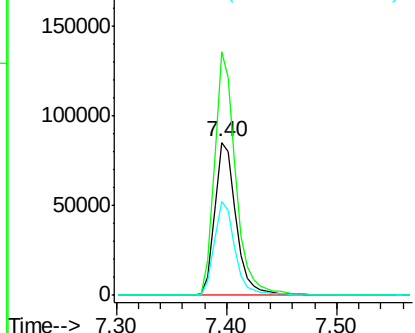
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114809
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 61.1 52.2 78.2



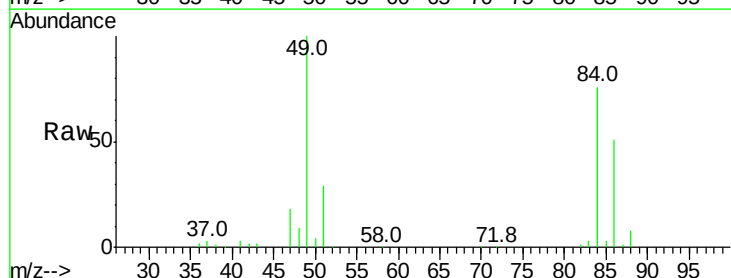
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



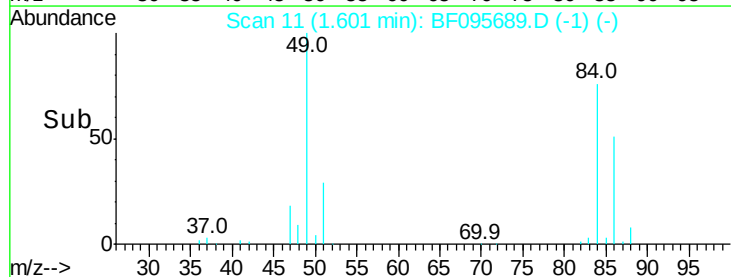
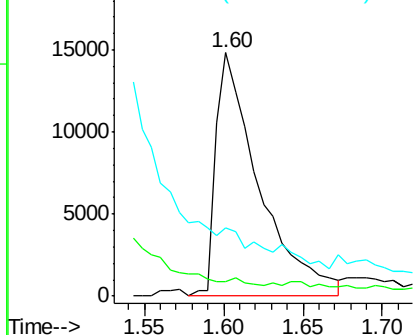
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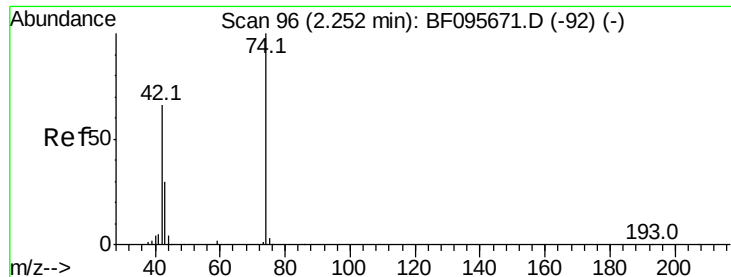
1,4-Dioxane
Concen: 8.22 ng
RT: 1.60 min Scan# 11
Delta R.T. -0.13 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion: 88 Resp: 28164
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



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



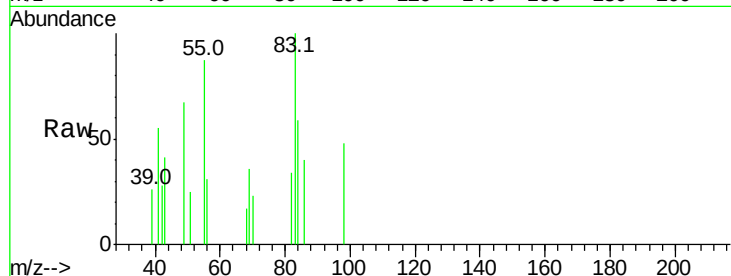


#4

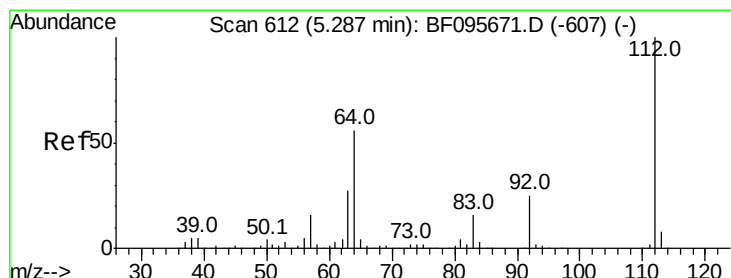
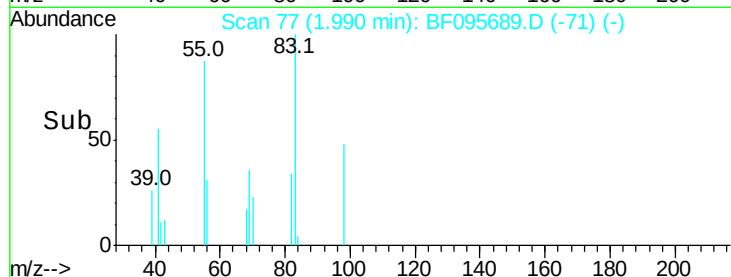
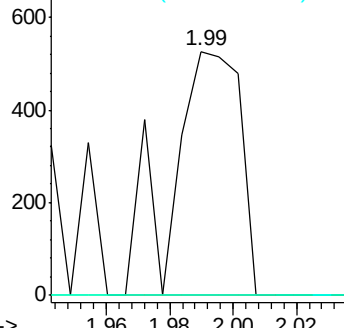
n-Nitrosodimethylamine
 Concen: 0.26 ng
 RT: 1.99 min Scan# 77
 Delta R.T. -0.26 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 793
 Ion Ratio Lower Upper
 42 100
 74 0.0 103.9 155.9#
 44 0.0 5.7 8.5#



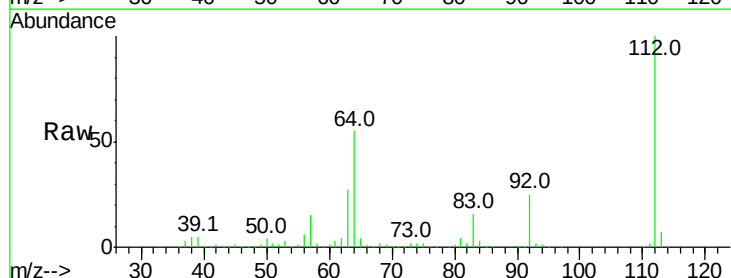
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



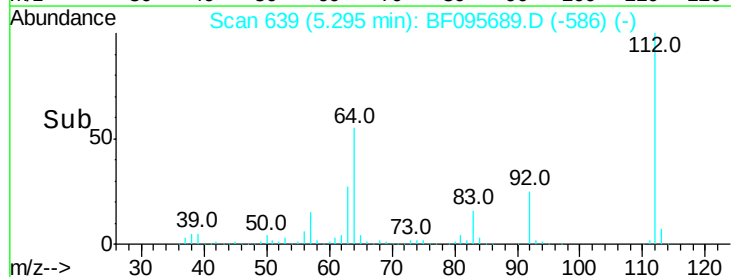
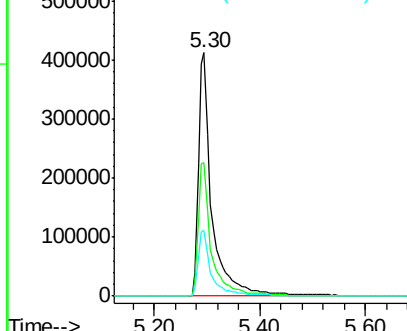
#5

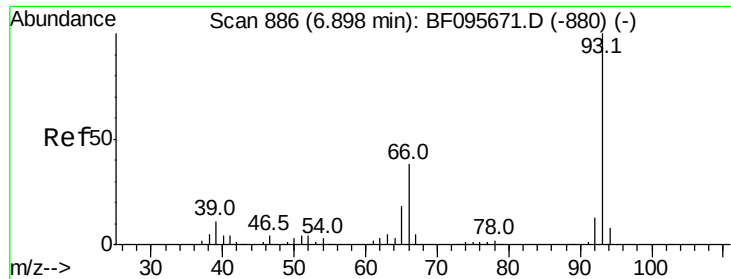
2-Fluorophenol
 Concen: 102.73 ng
 RT: 5.30 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Tgt Ion: 112 Resp: 740150
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.0 69.0
 63 27.0 23.4 35.0



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





#6

Aniline

Concen: 0.03 ng

RT: 6.97 min Scan# 924

Delta R.T. 0.07 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

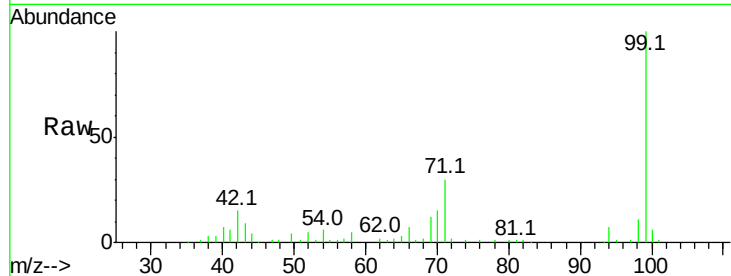
Tot Ion: 93 Resp: 386

Ion Ratio Lower Upper

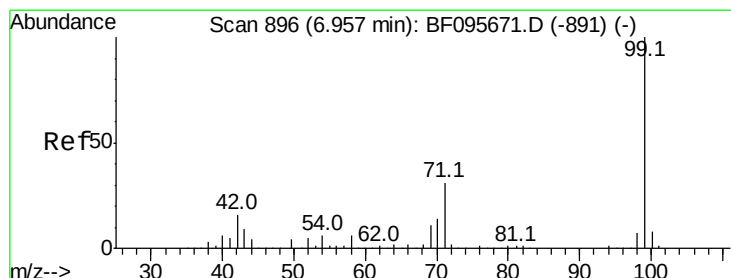
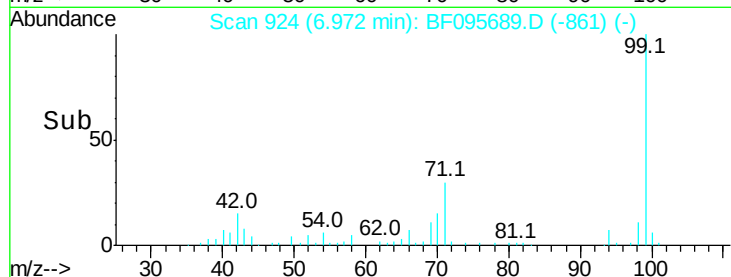
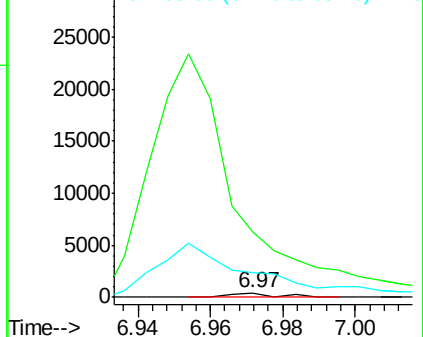
93 100

66 1565.8 32.9 49.3#

65 583.8 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: 106.52 ng

RT: 6.95 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

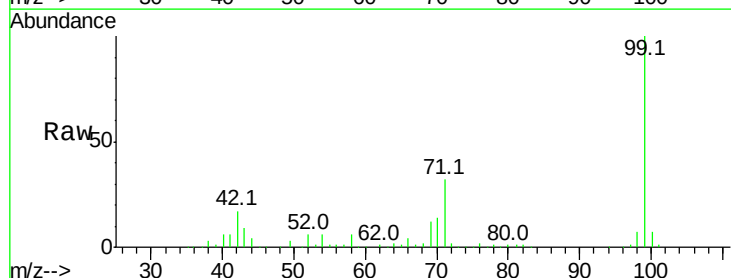
Tgt Ion: 99 Resp: 918803

Ion Ratio Lower Upper

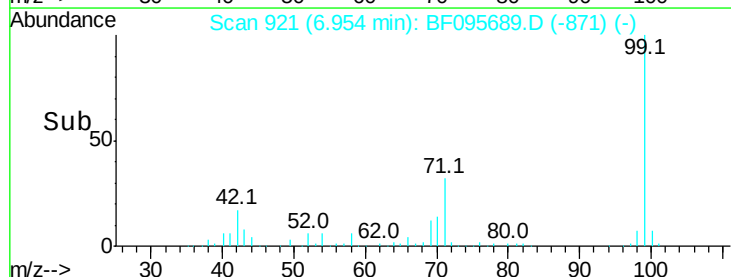
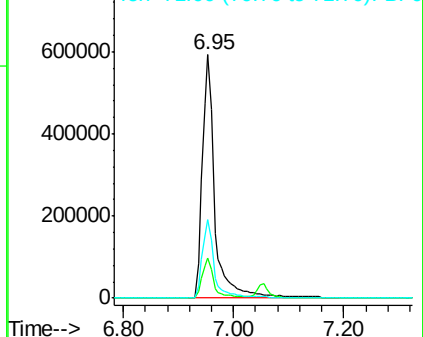
99 100

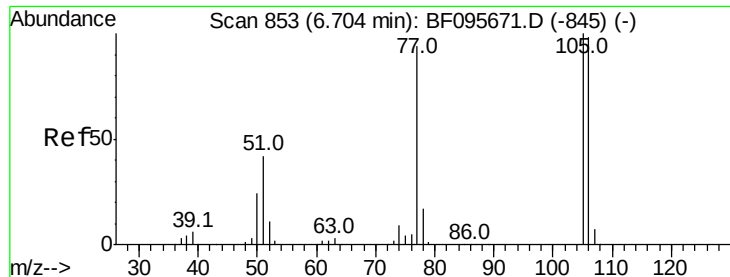
42 16.5 13.5 20.3

71 32.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.06 ng

RT: 6.72 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampled :

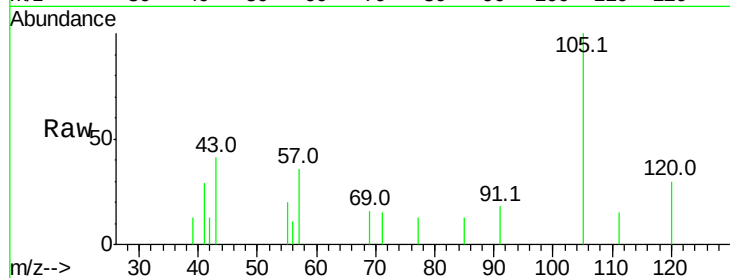
Tot Ion: 77 Resp: 356

Ion Ratio Lower Upper

77 100

105 778.4 83.8 123.8#

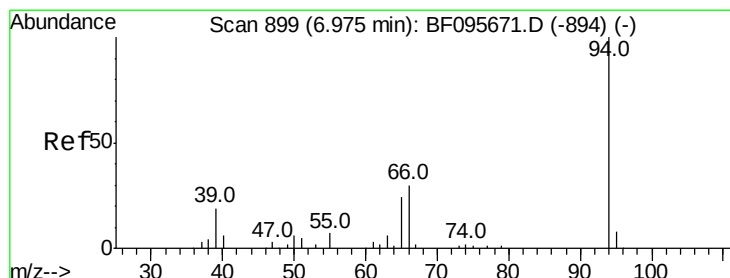
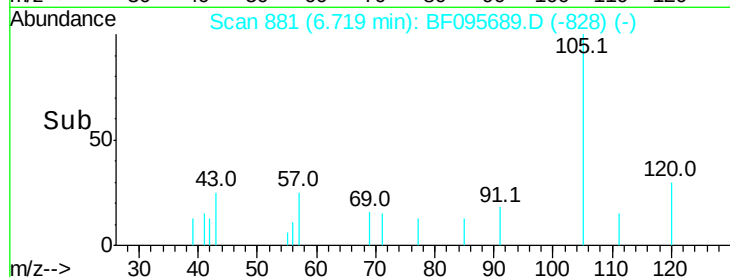
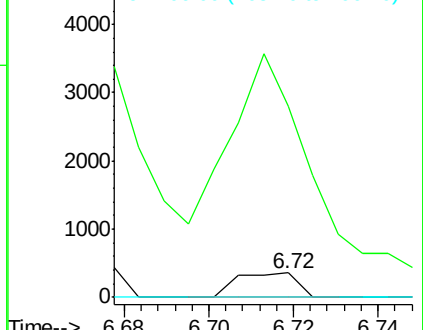
106 0.0 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 1.49 ng

RT: 6.97 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

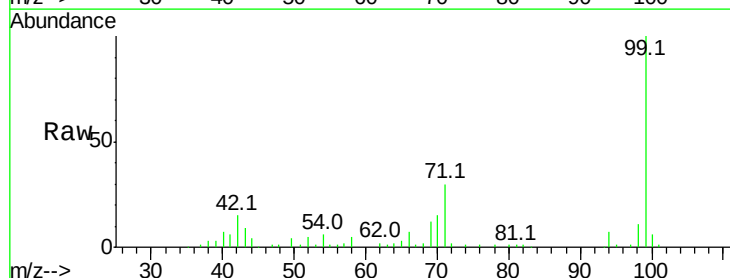
Tgt Ion: 94 Resp: 13301

Ion Ratio Lower Upper

94 100

65 37.4 9.9 49.9

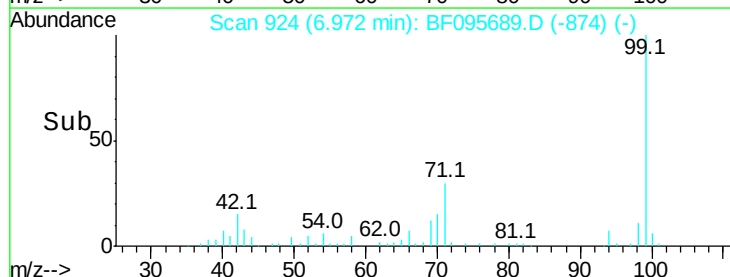
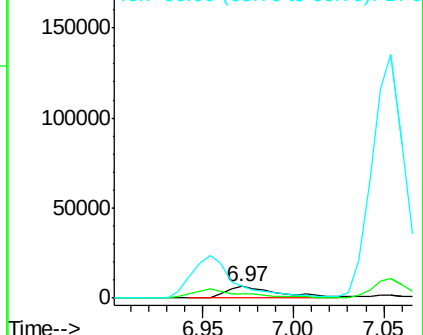
66 100.3 23.1 63.1#

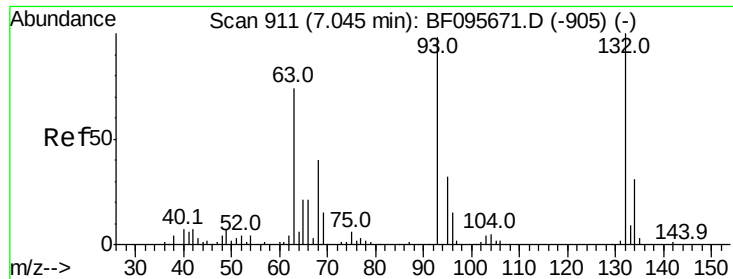


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

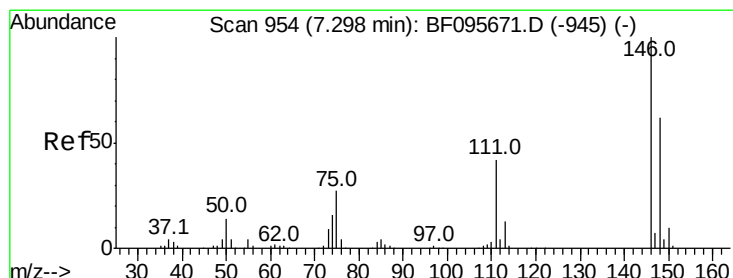
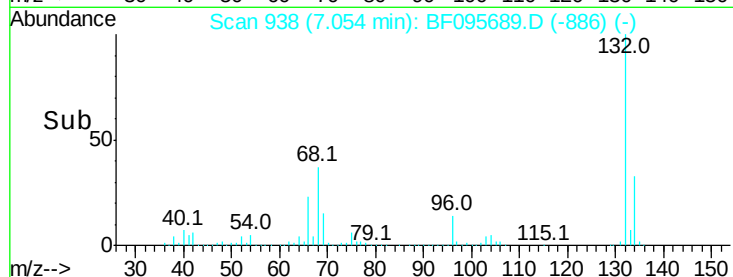
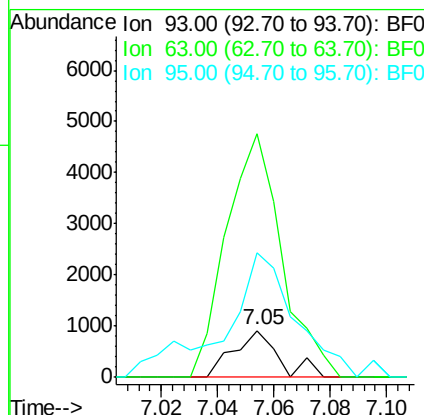
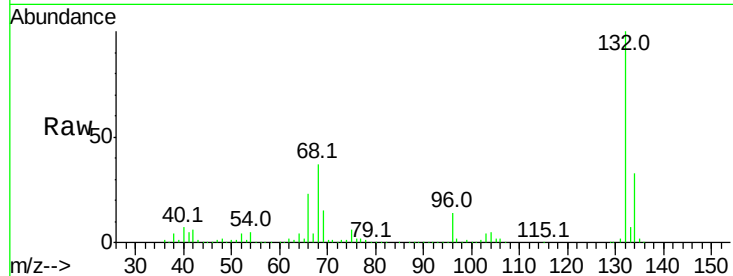




#11
 bis(2-Chloroethyl)ether
 Concen: 0.14 ng
 RT: 7.05 min Scan# 938
 Delta R.T. 0.01 min
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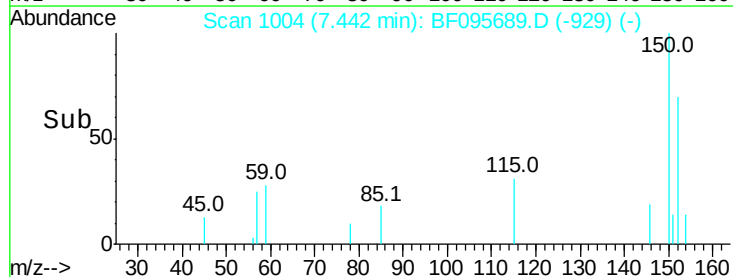
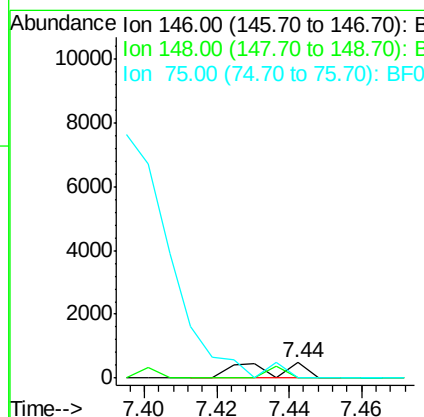
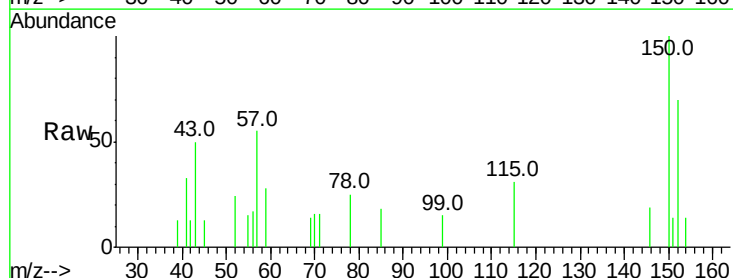
Instrument :
 BNA_F
 ClientSampleId :

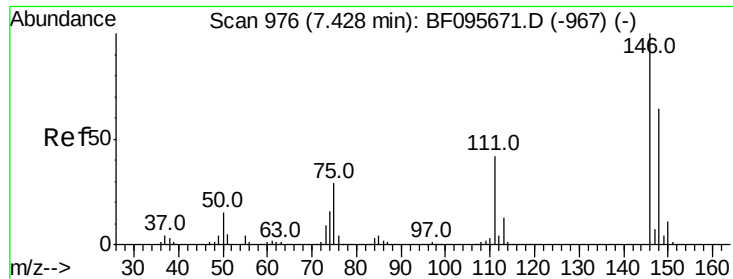
Tot Ion: 93 Resp: 1016
 Ion Ratio Lower Upper
 93 100
 63 519.5 59.2 99.2#
 95 266.2 12.8 52.8#



#12
 1,3-Dichlorobenzene
 Concen: 0.05 ng
 RT: 7.44 min Scan# 1004
 Delta R.T. 0.14 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Tgt Ion: 146 Resp: 472
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.8 77.6#
 75 0.0 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 0.05 ng

RT: 7.44 min Scan# 1004

Delta R.T. 0.01 min

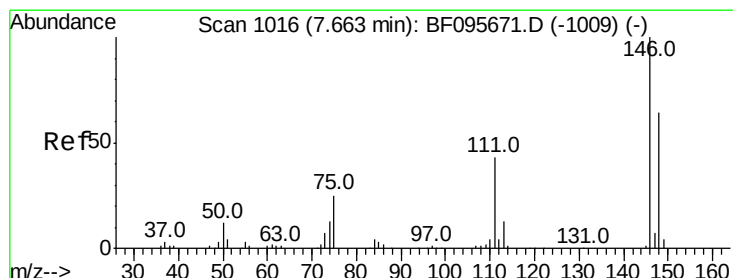
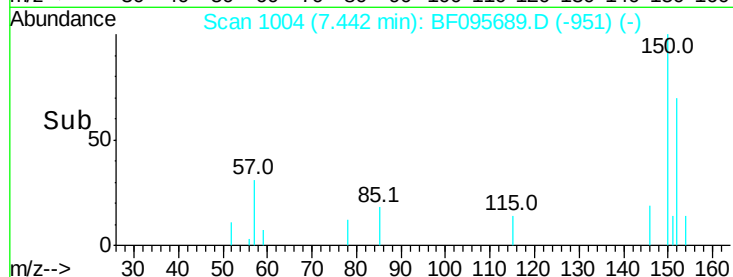
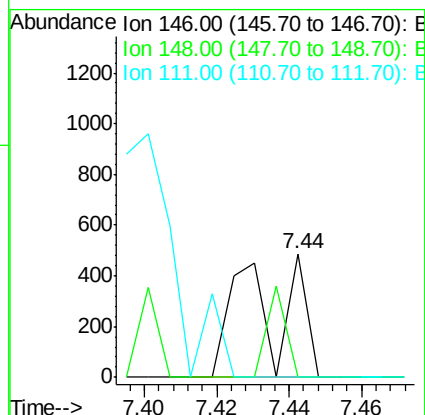
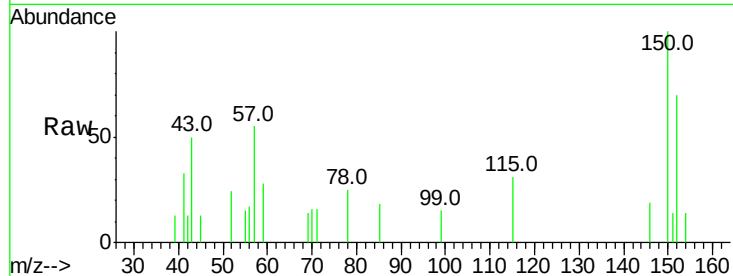
Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 472

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.2	78.2#
111	0.0	30.3	45.5#



#14

1,2-Dichlorobenzene

Concen: 0.06 ng

RT: 7.44 min Scan# 1004

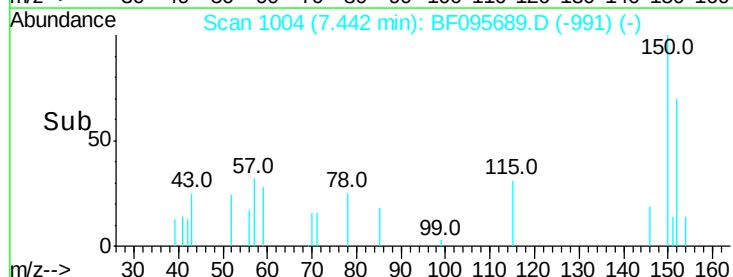
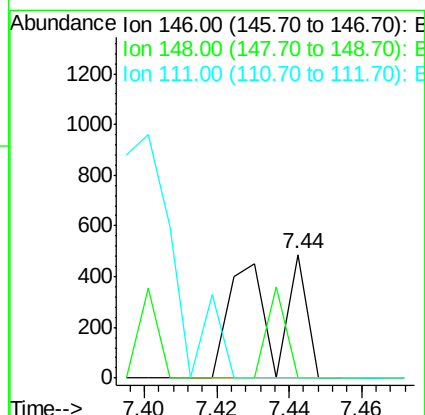
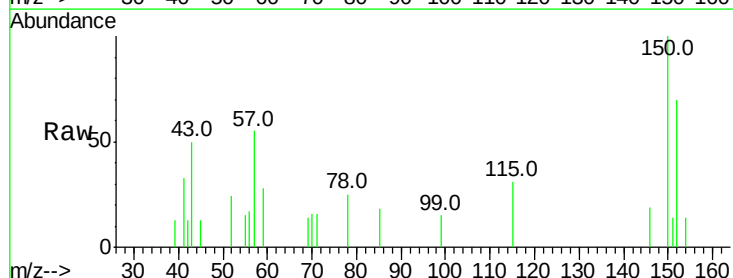
Delta R.T. -0.22 min

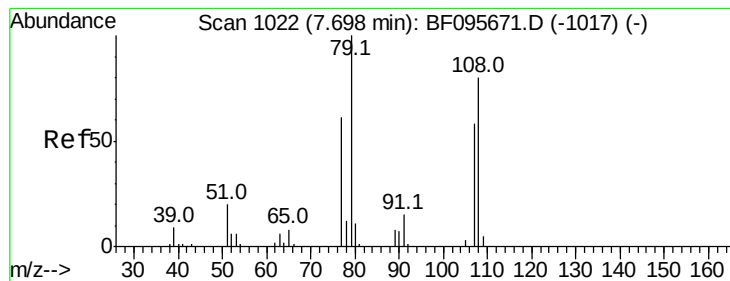
Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Tgt Ion:146 Resp: 472

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.4	75.6#
111	0.0	38.2	57.4#





#15

Benzyl Alcohol

Concen: 1.36 ng

RT: 7.63 min Scan# 1036

Delta R.T. -0.07 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampled :

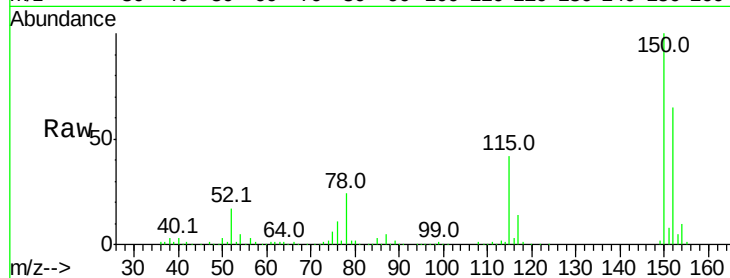
Tot Ion: 79 Resp: 8075

Ion Ratio Lower Upper

79 100

108 30.8 63.4 95.0#

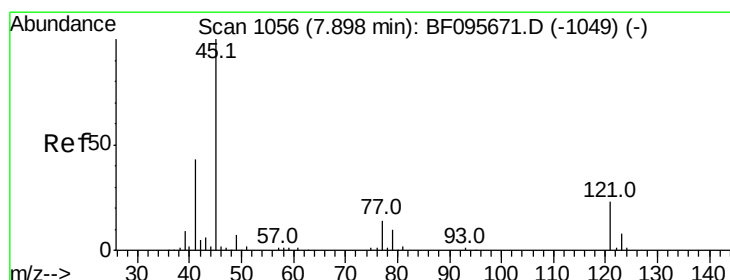
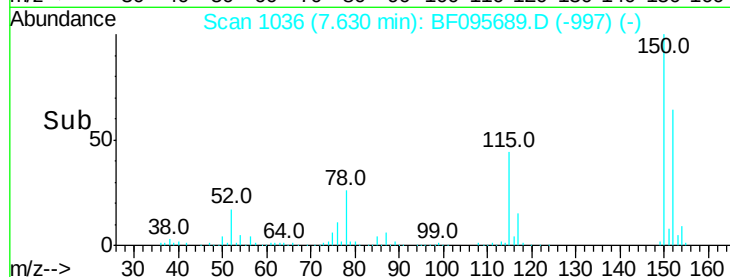
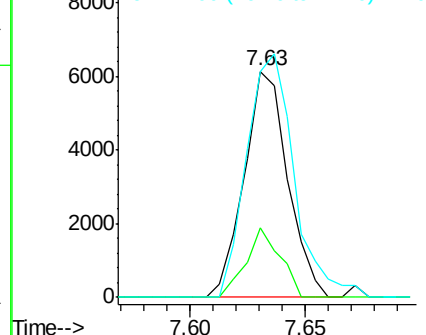
77 99.9 49.2 73.8#



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: 0.10 ng

RT: 7.84 min Scan# 1071

Delta R.T. -0.06 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

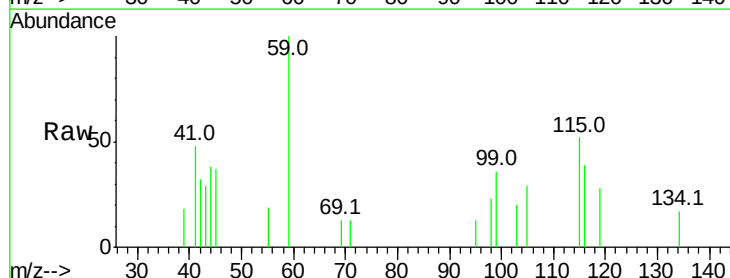
Tgt Ion: 45 Resp: 1039

Ion Ratio Lower Upper

45 100

77 0.0 0.0 33.2

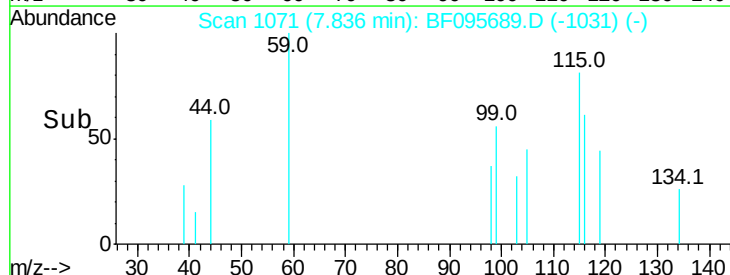
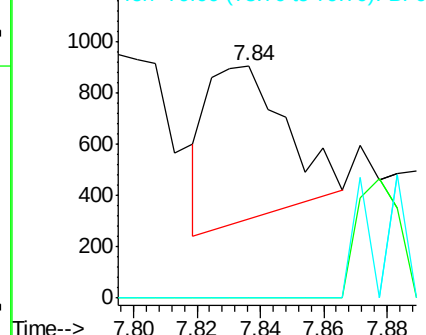
79 0.0 0.0 30.0

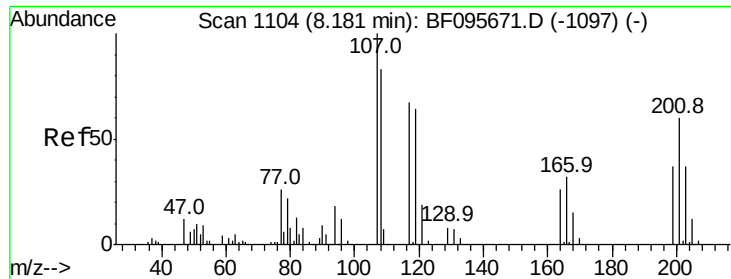


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

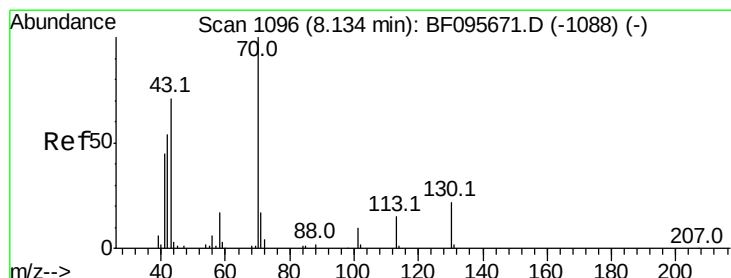
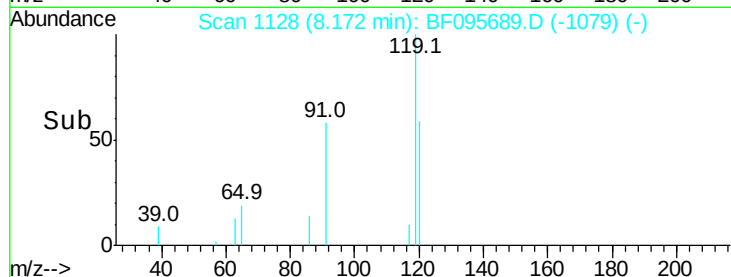
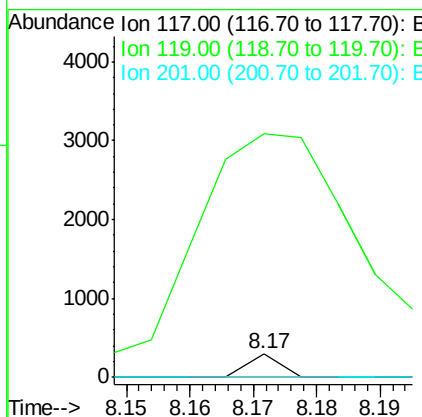
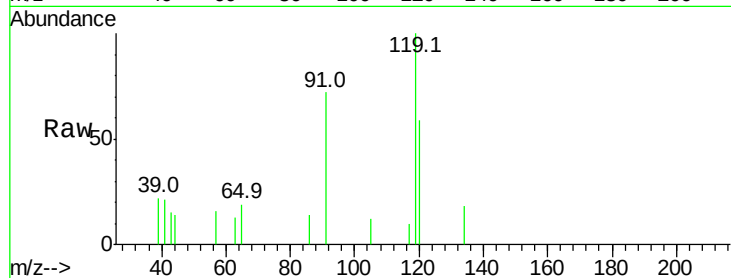




#18
 Hexachloroethane
 Concen: 0.04 ng
 RT: 8.17 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

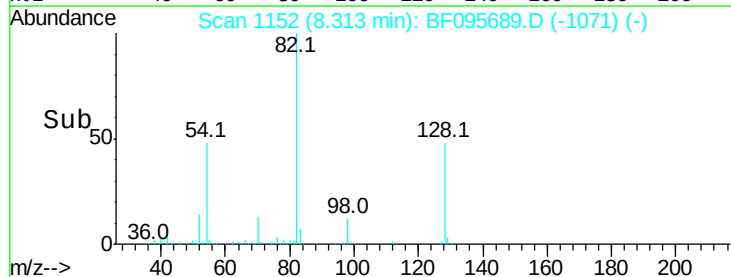
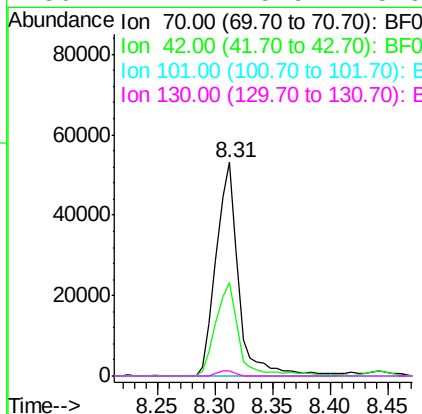
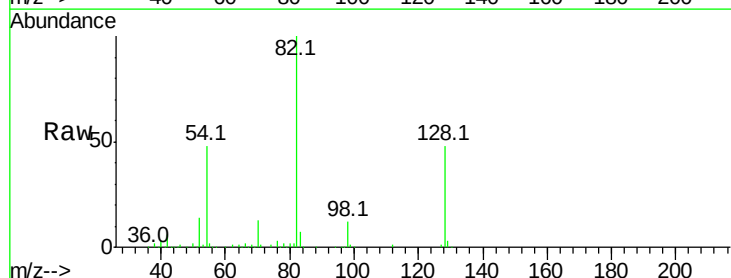
Instrument :
 BNA_F
 ClientSampleId :

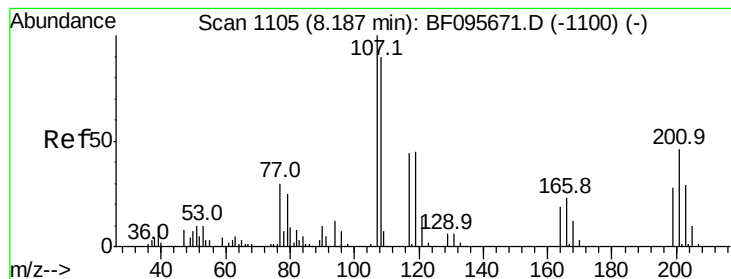
Tot Ion:117 Resp: 106
 Ion Ratio Lower Upper
 117 100
 119 1025.6 77.4 116.0#
 201 0.0 94.6 141.8#



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.21 ng
 RT: 8.31 min Scan# 1152
 Delta R.T. 0.18 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Tgt Ion: 70 Resp: 72209
 Ion Ratio Lower Upper
 70 100
 42 43.6 47.2 70.8#
 101 0.0 7.2 10.8#
 130 2.2 15.9 23.9#





#20

3+4-Methylphenols

Concen: 0.05 ng

RT: 8.36 min Scan# 1160

Delta R.T. 0.17 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 395

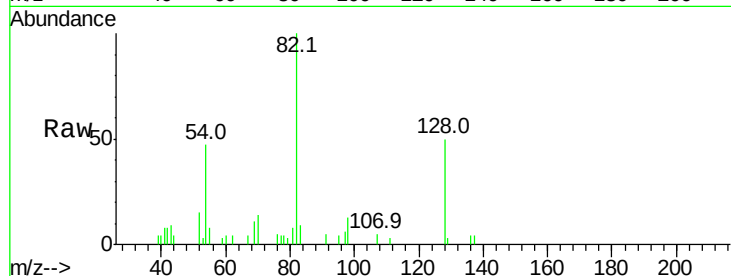
Ion Ratio Lower Upper

107 100

108 0.0 71.0 111.0#

77 80.3 90.5 130.5#

79 68.1 8.4 48.4#



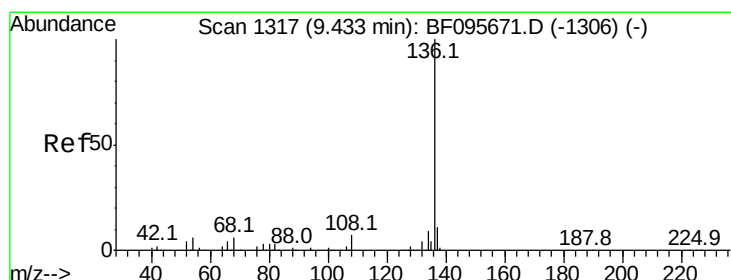
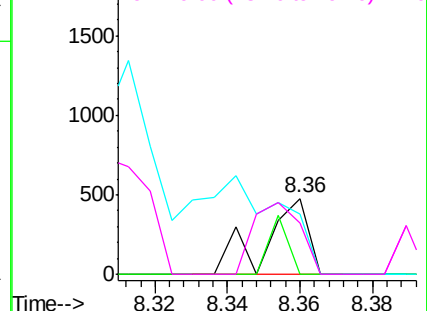
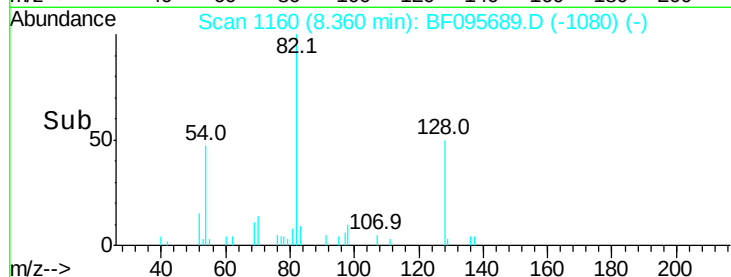
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Tgt Ion:136 Resp: 395010

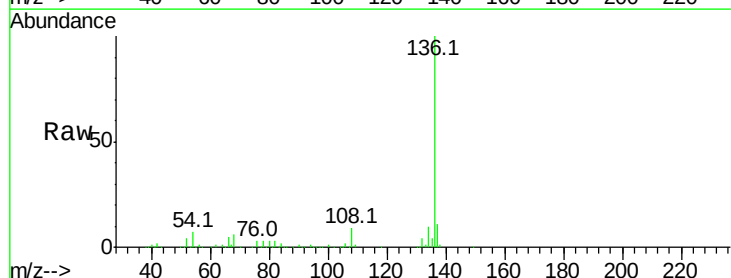
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.3 4.9 7.3

68 5.5 4.1 6.1



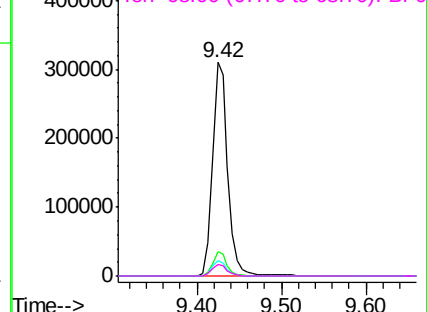
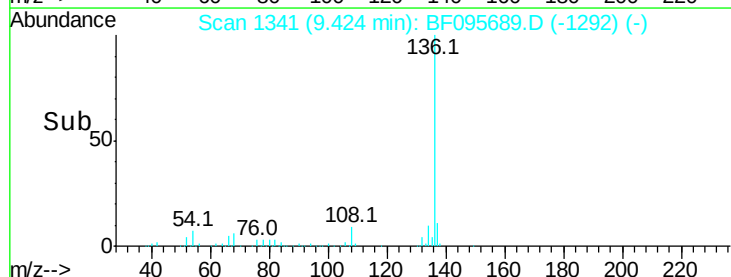
Abundance

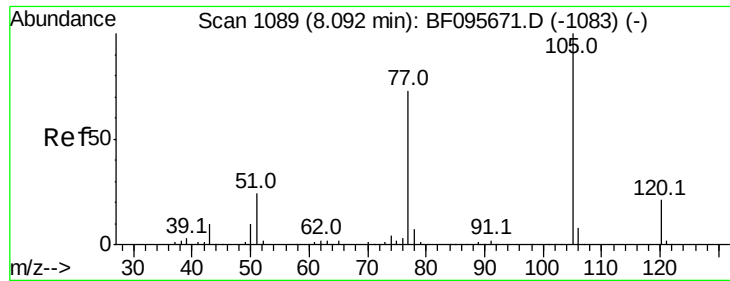
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



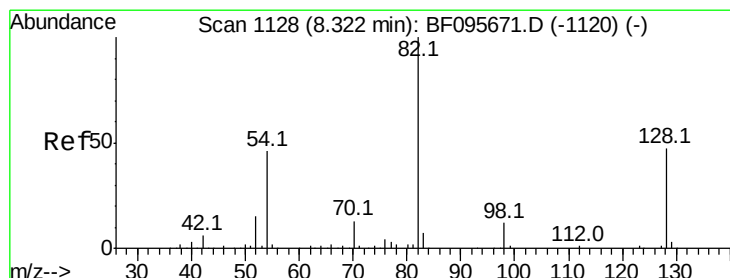
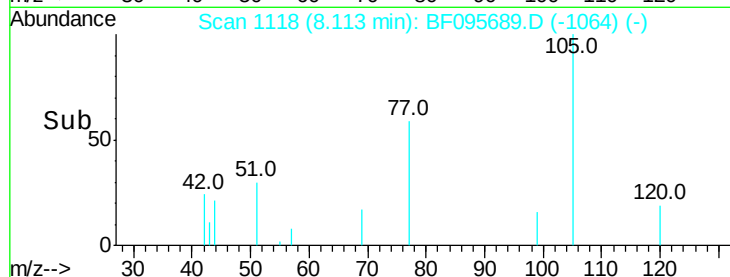
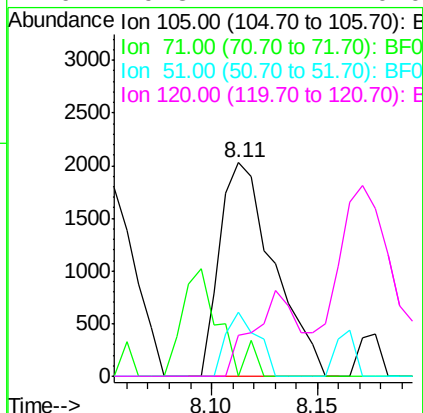
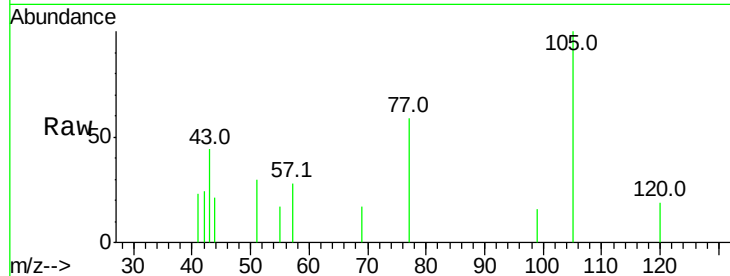


#22
 Acetophenone
 Concen: 0.39 ng
 RT: 8.11 min Scan# 1118
 Delta R.T. 0.02 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 105 Resp: 3600

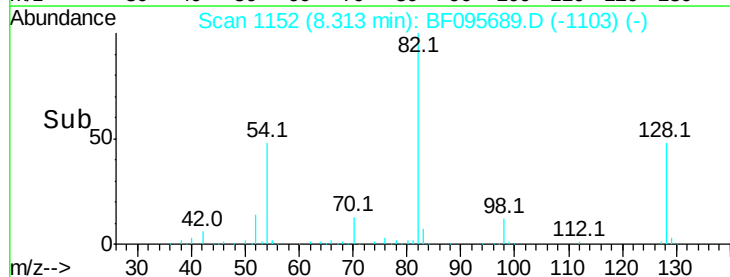
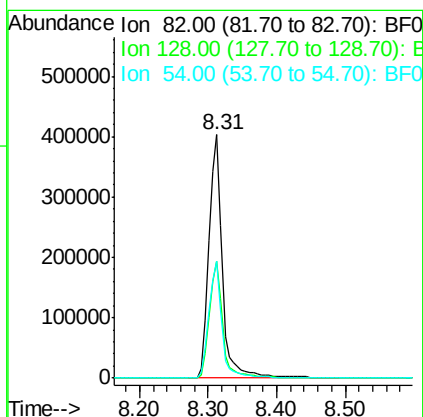
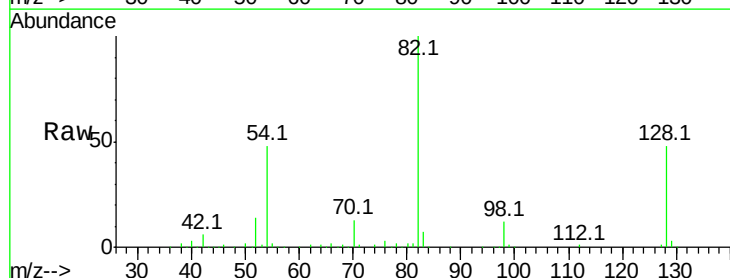
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	29.9	30.7	46.1#
120	19.3	17.4	26.0

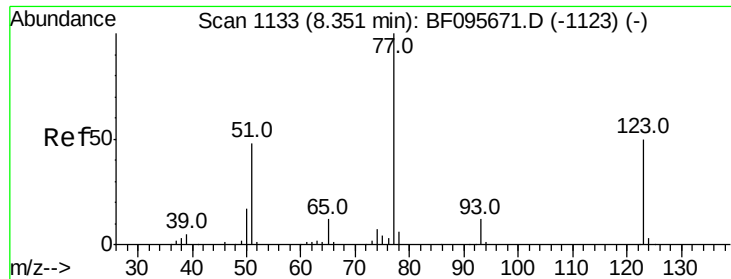


#23
 Nitrobenzene-d5
 Concen: 87.98 ng
 RT: 8.31 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Tgt Ion: 82 Resp: 559606

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	48.0	42.2	63.2

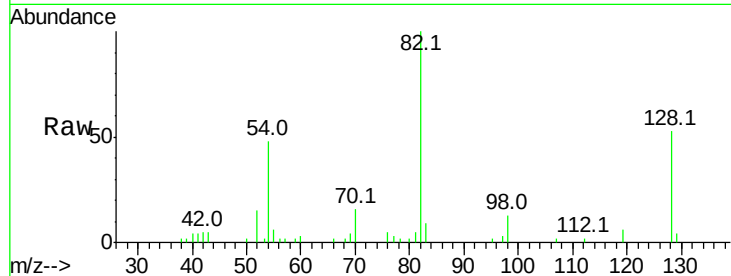




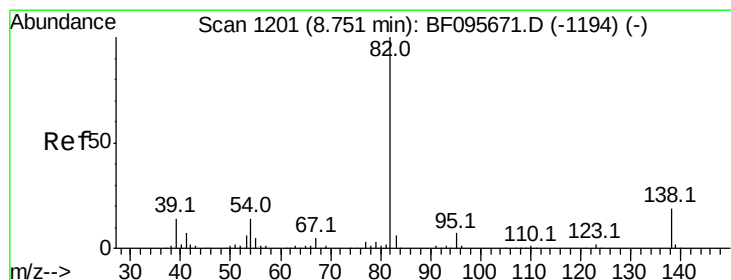
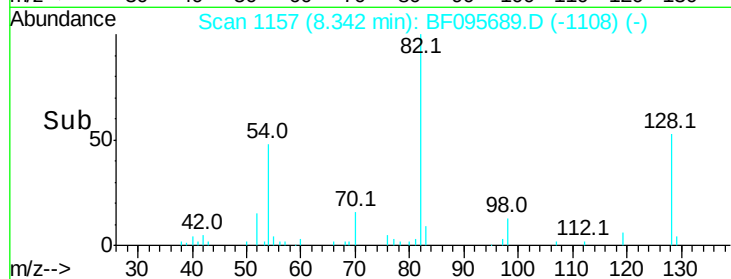
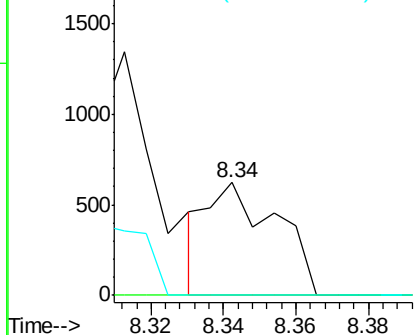
#24
Nitrobenzene
Concen: 0.12 ng
RT: 8.34 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 816
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 0.0 10.6 15.8#

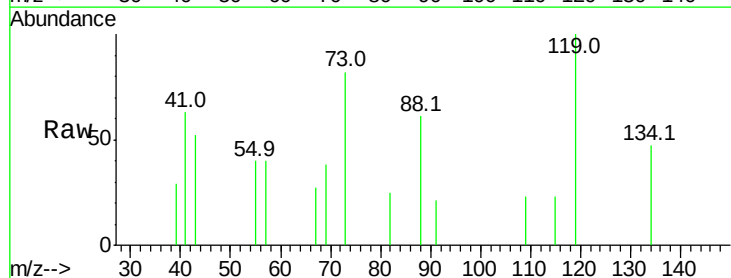


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

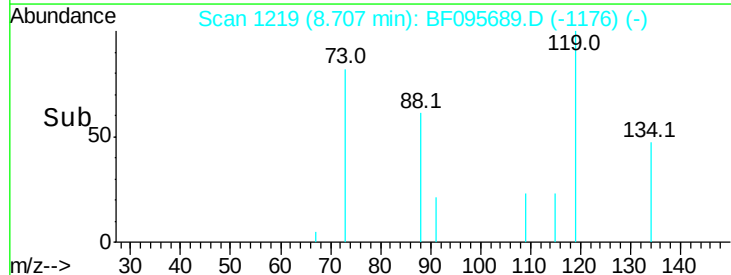
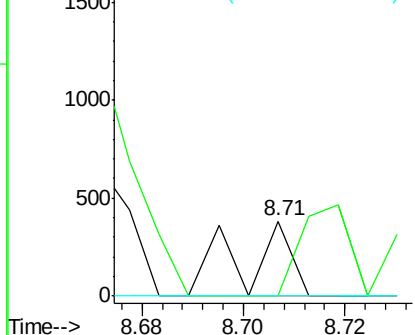


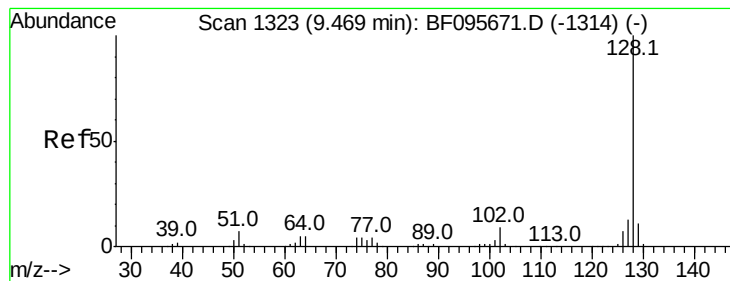
#25
Isophorone
Concen: 0.02 ng
RT: 8.71 min Scan# 1219
Delta R.T. -0.04 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion: 82 Resp: 261
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 2.53 ng

RT: 9.46 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

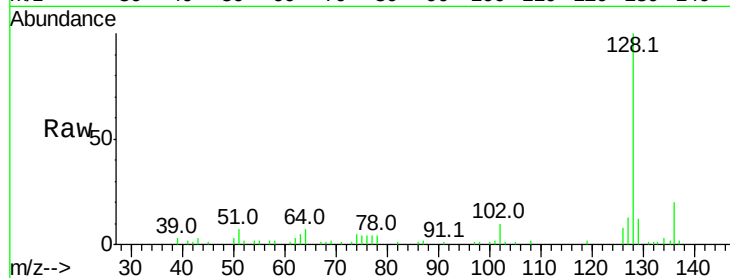
Tot Ion:128 Resp: 50130

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

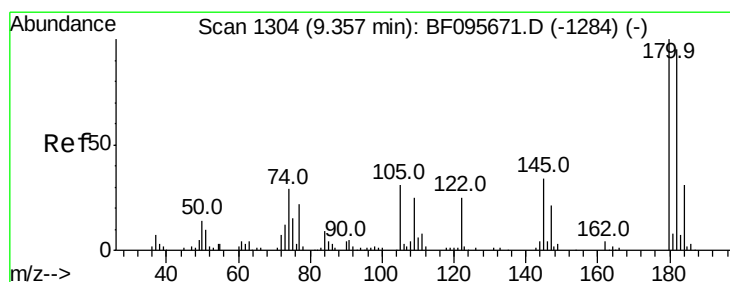
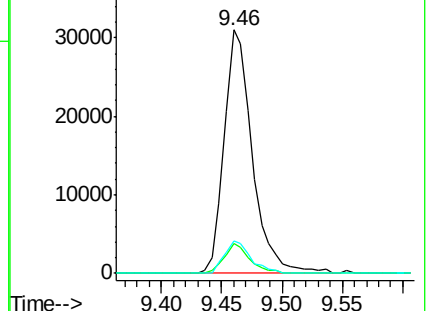
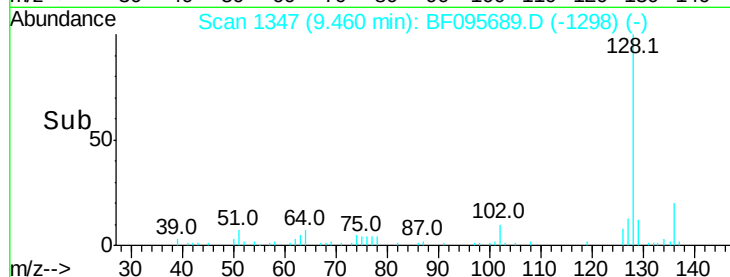
127 13.2 10.8 16.2



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: 5.18 ng

RT: 9.37 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

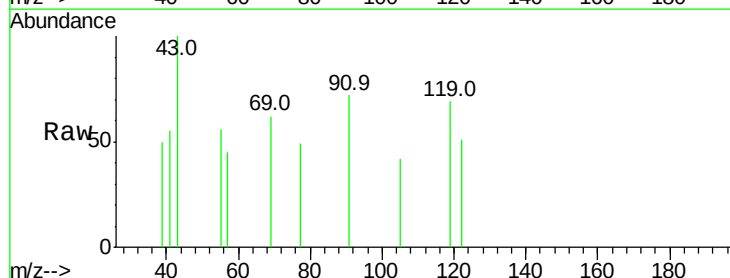
Tgt Ion:122 Resp: 259

Ion Ratio Lower Upper

122 100

105 82.7 103.3 143.3#

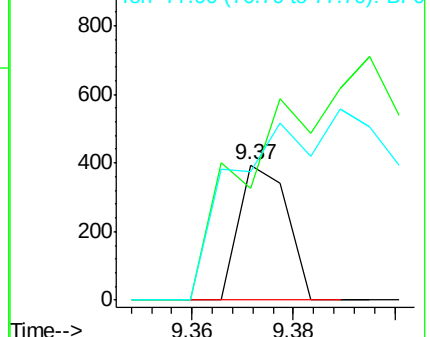
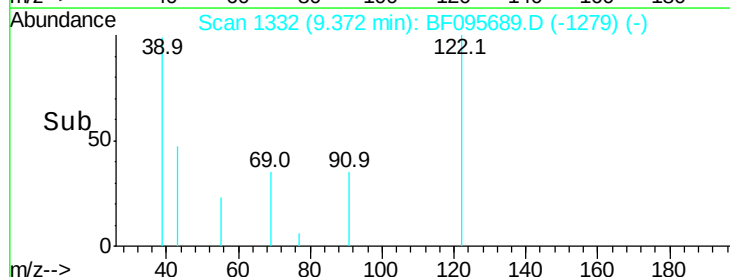
77 95.4 73.7 113.7

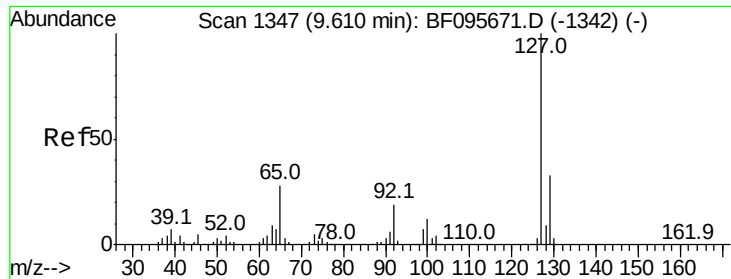


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

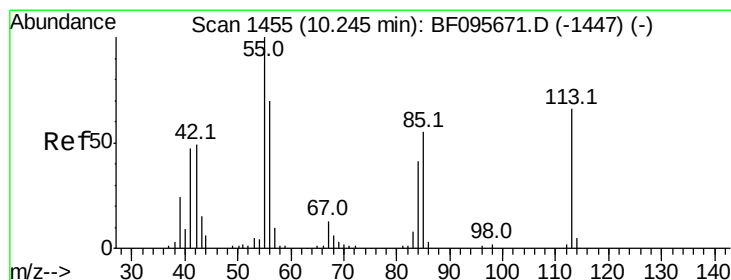
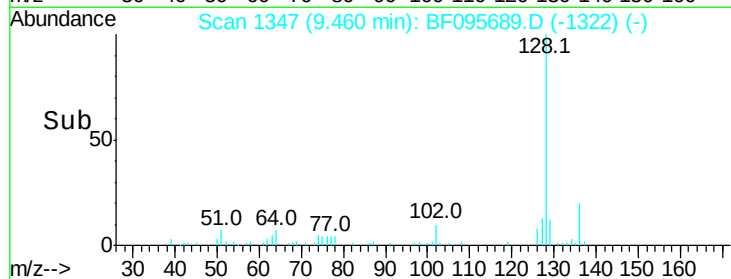
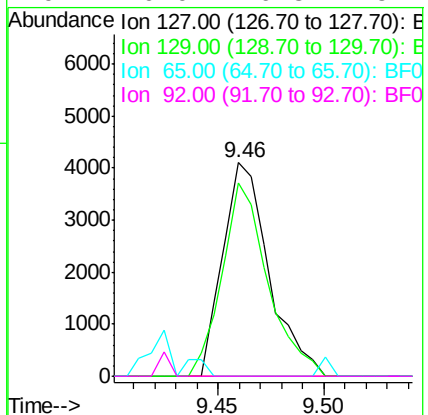
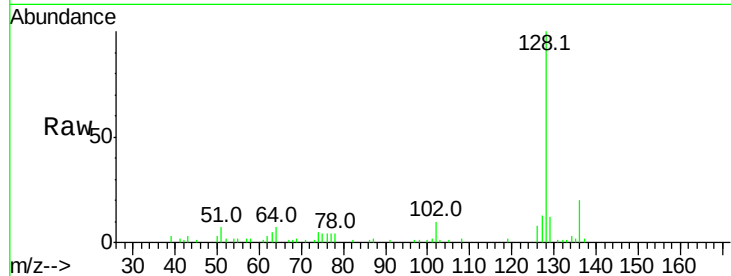




#33
4-Chloroaniline
Concen: 0.80 ng
RT: 9.46 min Scan# 1347
Delta R.T. -0.15 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

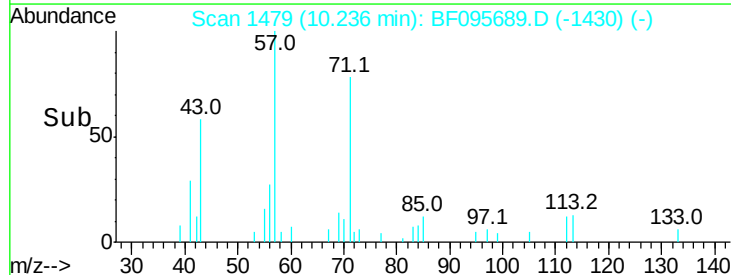
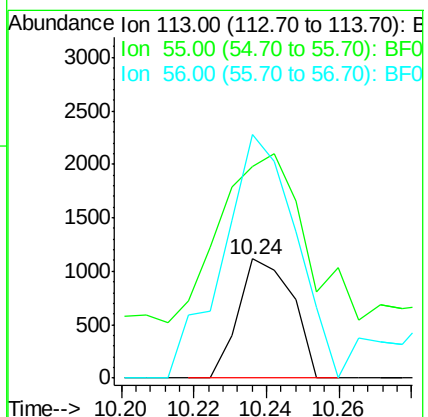
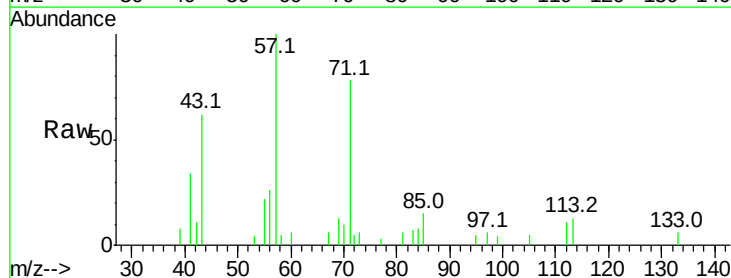
Instrument :
BNA_F
ClientSampleId :

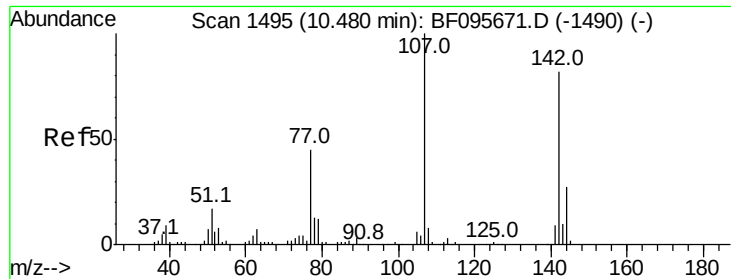
Tot Ion:	127	Resp:	6193
Ion	Ratio	Lower	Upper
127	100		
129	90.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#35
Caprolactam
Concen: 0.73 ng
RT: 10.24 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion:	113	Resp:	1150
Ion	Ratio	Lower	Upper
113	100		
55	177.5	150.2	190.2
56	204.3	107.8	147.8#

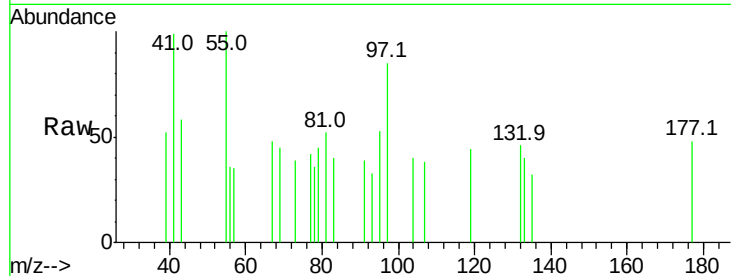




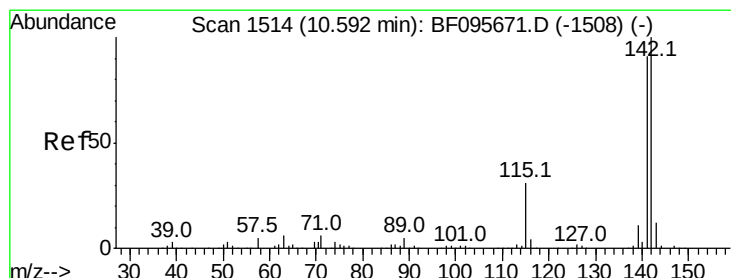
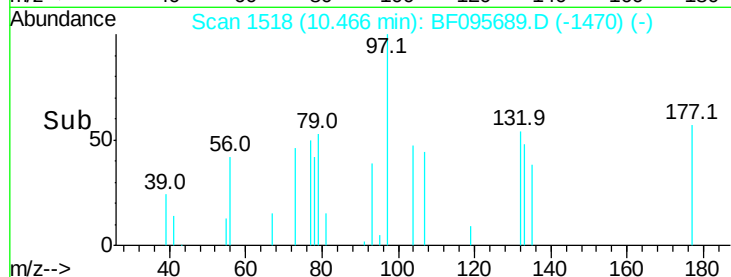
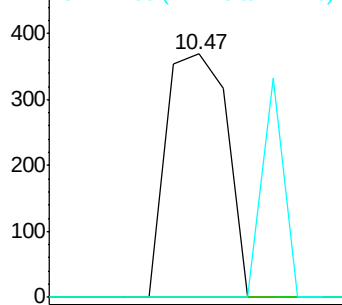
#36
4-Chloro-3-methylphenol
Concen: 0.07 ng
RT: 10.47 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 367
Ion Ratio Lower Upper
107 100
144 0.0 24.2 36.4#
142 0.0 73.4 110.0#

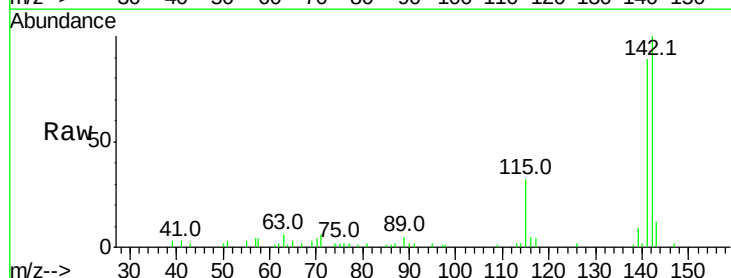


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

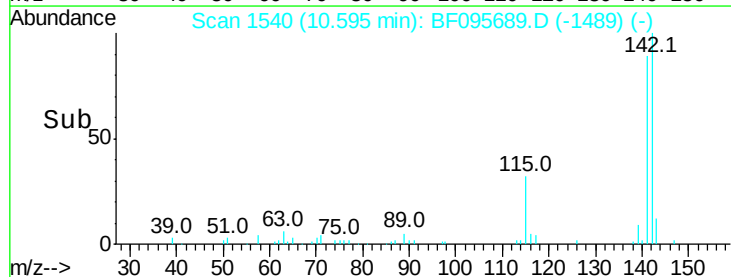
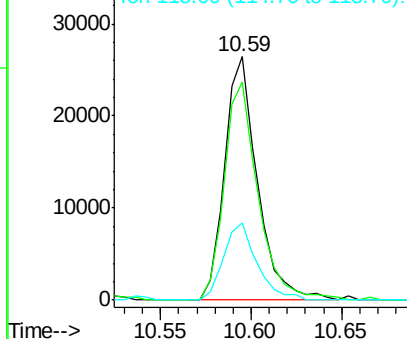


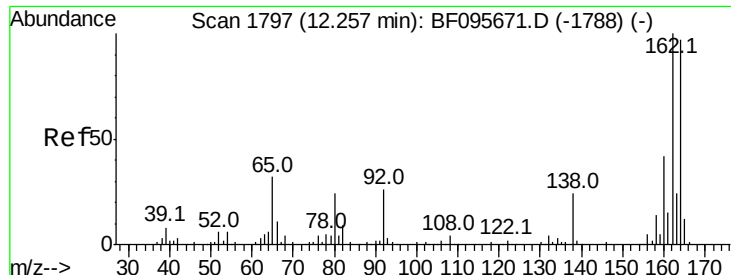
#37
2-Methylnaphthalene
Concen: 2.48 ng
RT: 10.59 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion:142 Resp: 33196
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 31.9 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

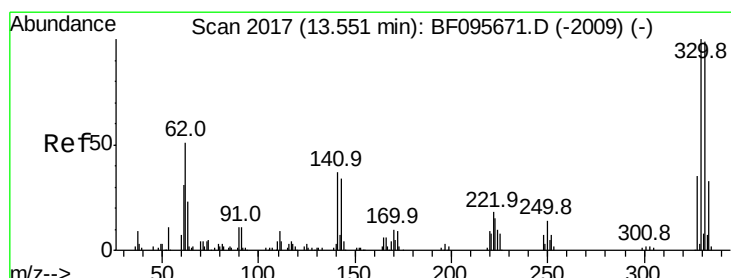
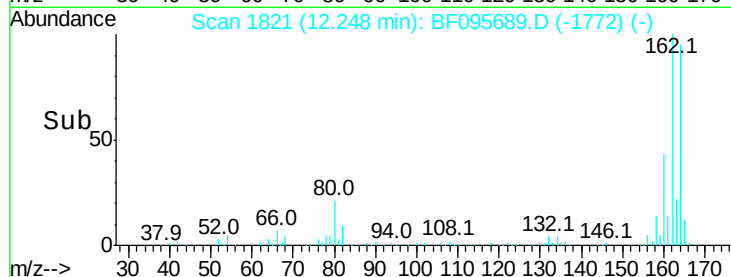
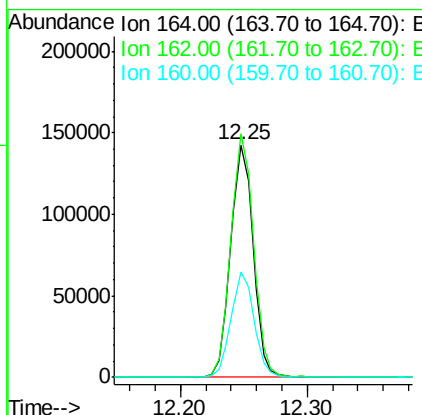
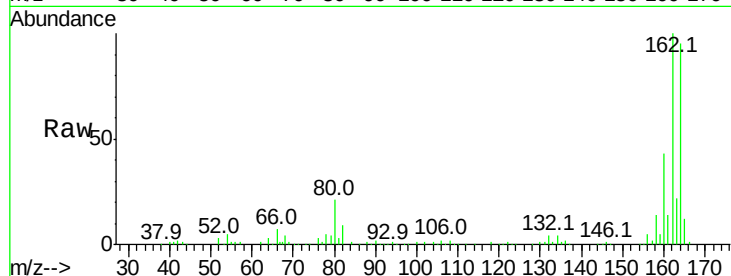




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

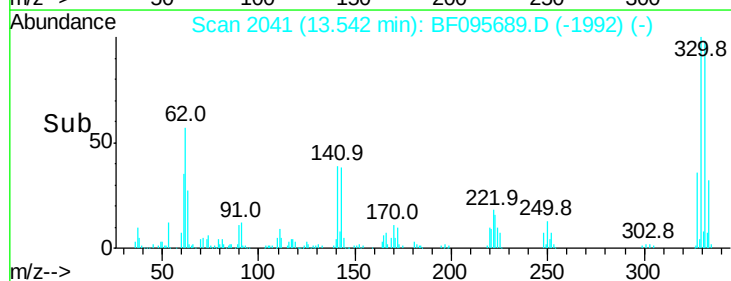
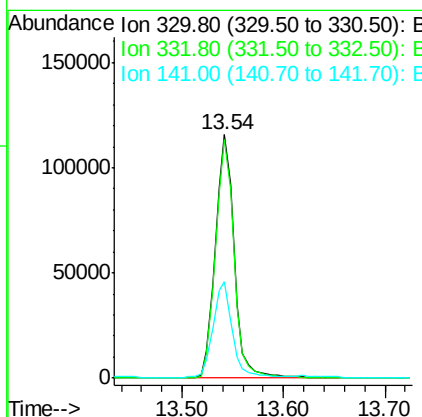
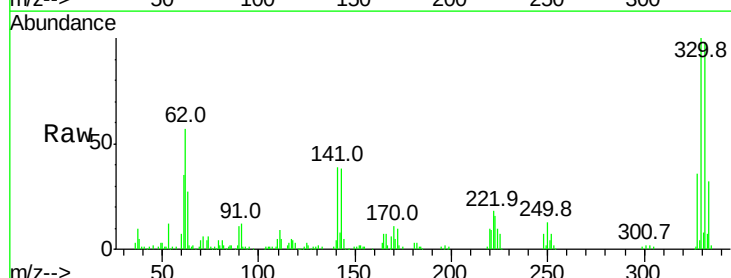
Instrument :
BNA_F
ClientSampleId :

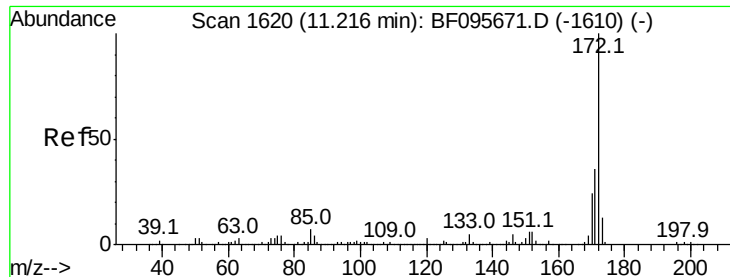
Tot Ion:164 Resp: 174797
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 45.3 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 96.35 ng
RT: 13.54 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion:330 Resp: 149008
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 41.5 31.4 47.2

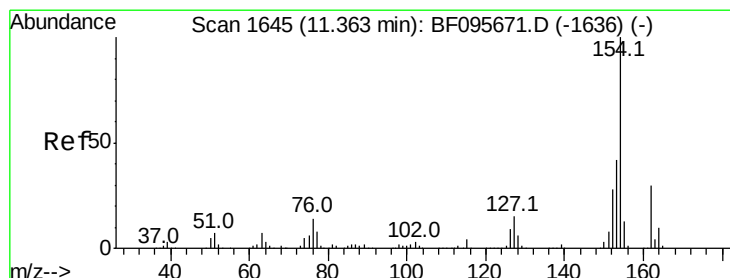
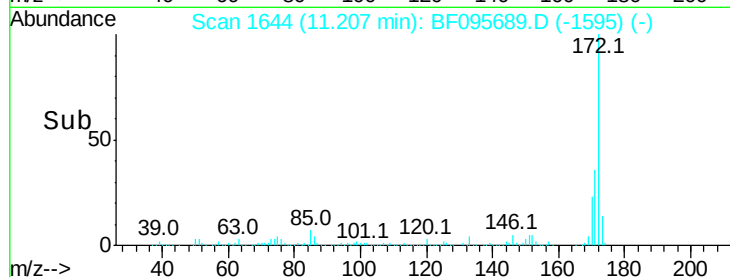
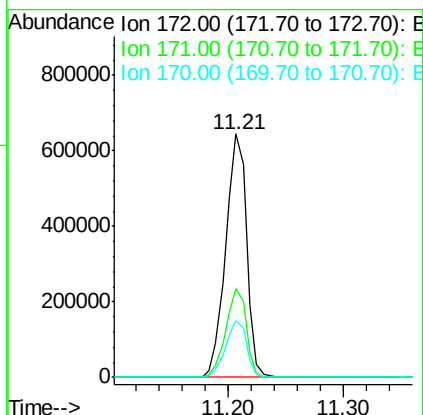
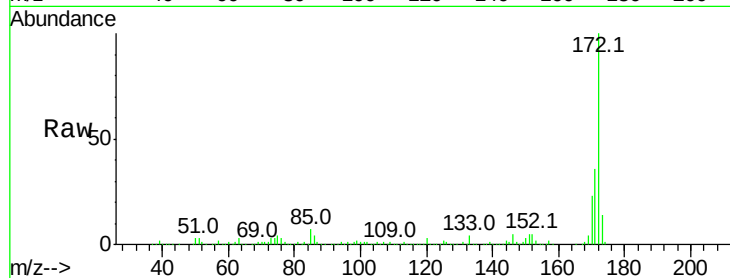




#44
2-Fluorobiphenyl
Concen: 64.64 ng
RT: 11.21 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

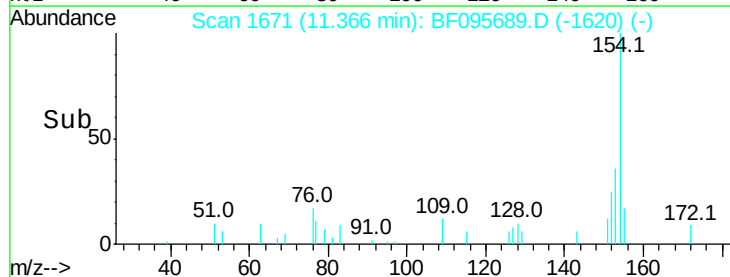
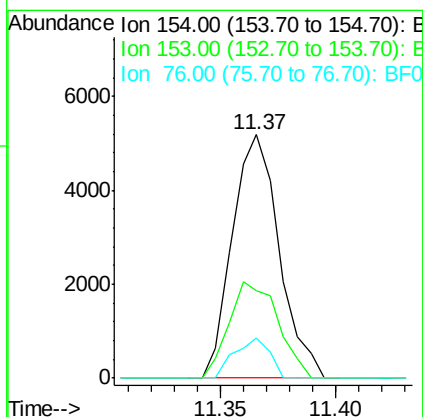
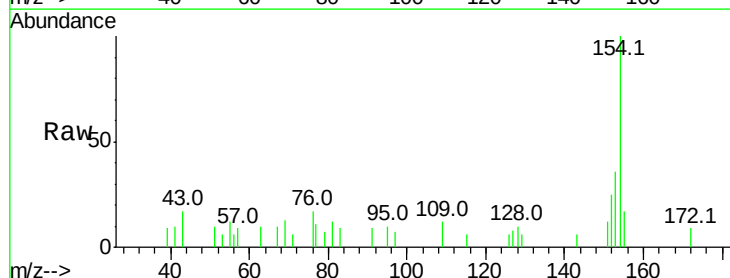
Instrument :
BNA_F
ClientSampleId :

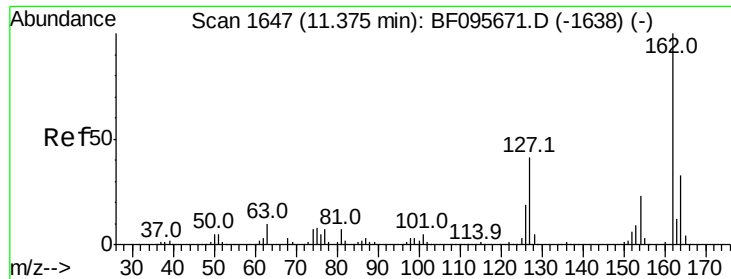
Tot Ion:172 Resp: 812002
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.3 19.8 29.8



#45
1,1'-Biphenyl
Concen: 0.51 ng
RT: 11.37 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion:154 Resp: 7313
Ion Ratio Lower Upper
154 100
153 35.8 21.2 61.2
76 16.7 0.0 29.9

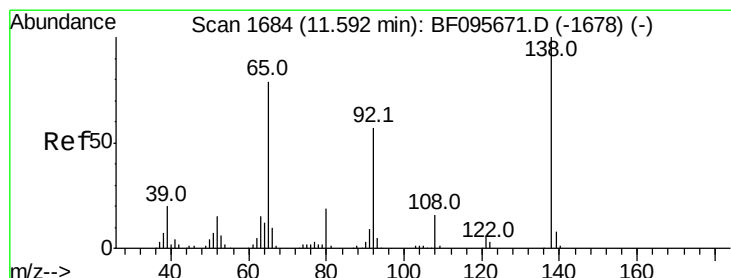
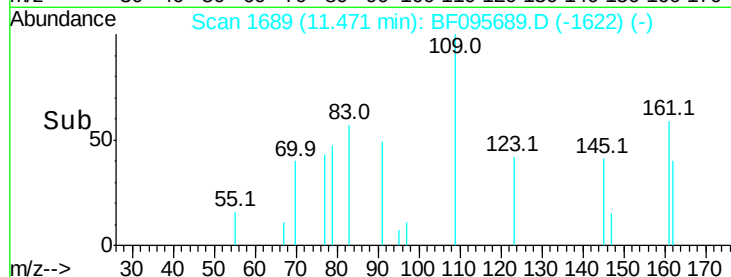
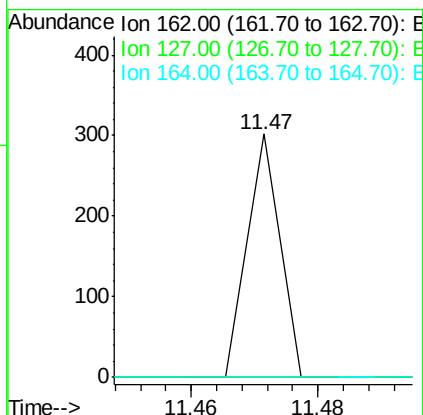
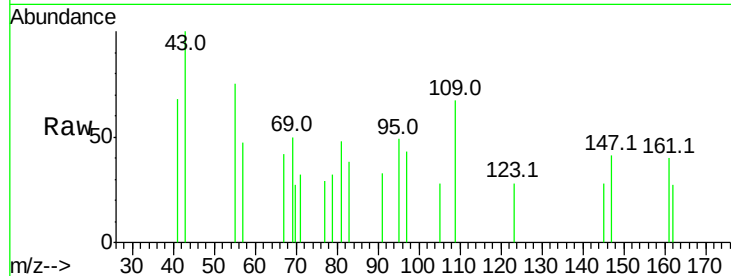




#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 11.47 min Scan# 1689
Delta R.T. 0.10 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

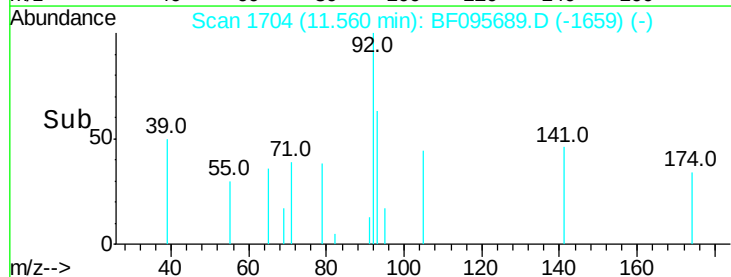
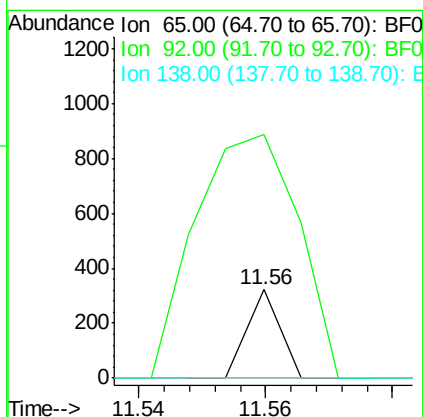
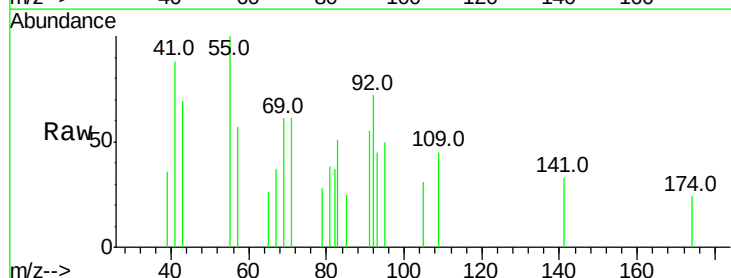
Instrument :
BNA_F
ClientSampleId :

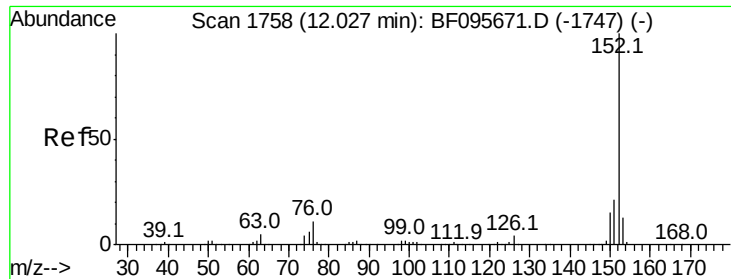
Tot Ion:162 Resp: 107
Ion Ratio Lower Upper
162 100
127 0.0 28.3 42.5#
164 0.0 27.0 40.4#



#47
2-Nitroaniline
Concen: 0.03 ng
RT: 11.56 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion: 65 Resp: 113
Ion Ratio Lower Upper
65 100
92 276.3 53.9 80.9#
138 0.0 78.8 118.2#





#48

Acenaphthylene

Concen: 3.01 ng

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

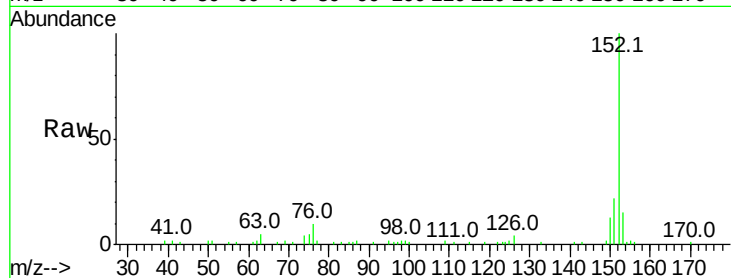
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 57847

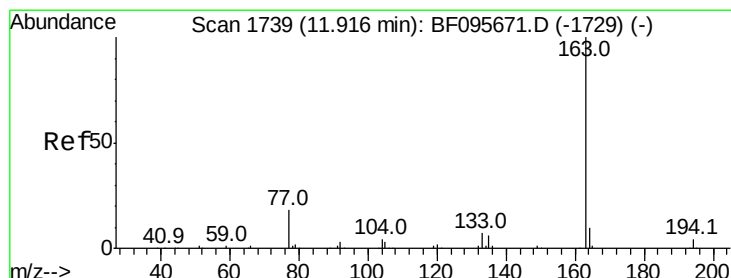
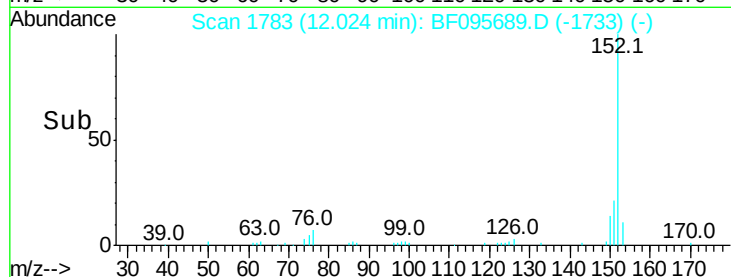
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.6	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 18.11 ng

RT: 11.90 min Scan# 1762

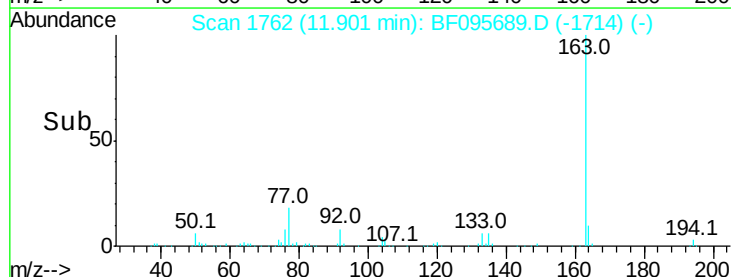
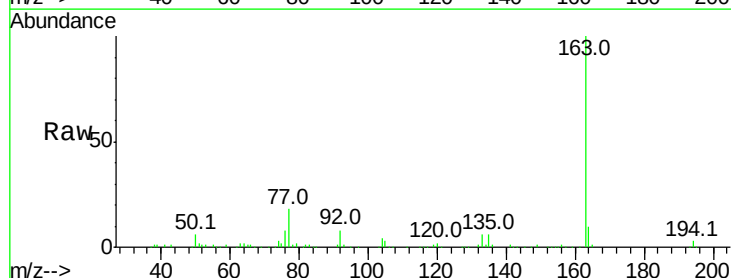
Delta R.T. -0.01 min

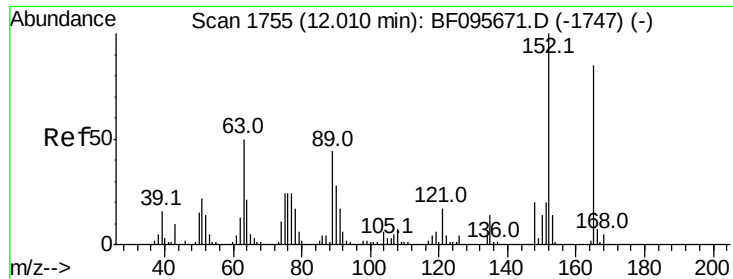
Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Tgt Ion:163 Resp: 240322

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.4	12.6

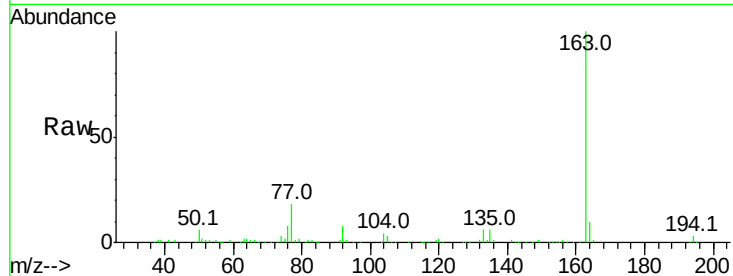




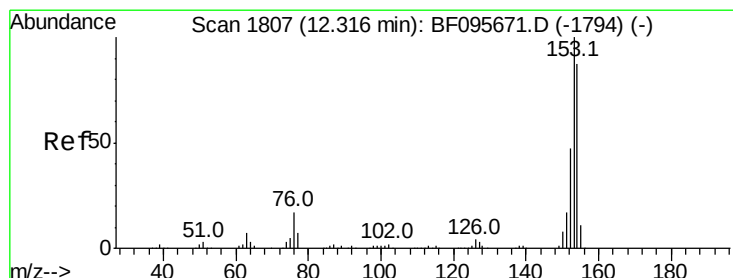
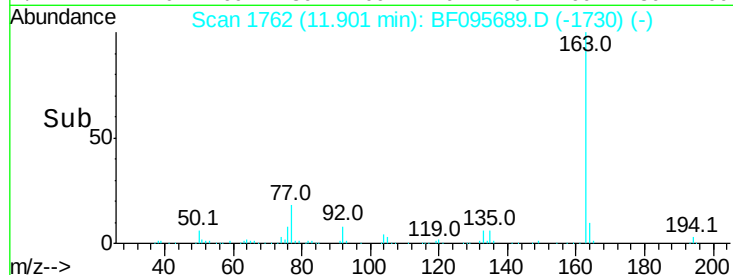
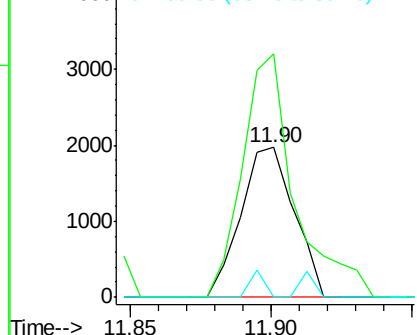
#50
2,6-Dinitrotoluene
Concen: 0.89 ng
RT: 11.90 min Scan# 1762
Delta R.T. -0.11 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 2587
Ion Ratio Lower Upper
165 100
63 162.6 34.3 51.5#
89 0.0 37.1 55.7#

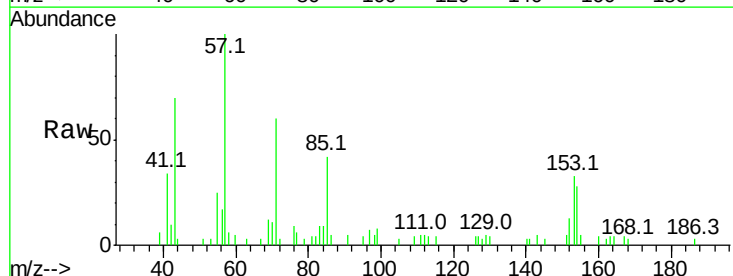


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

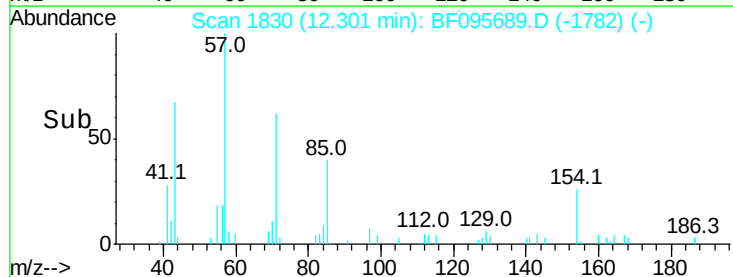
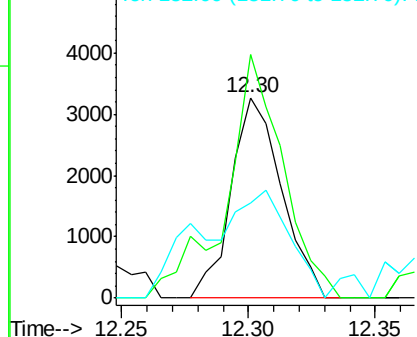


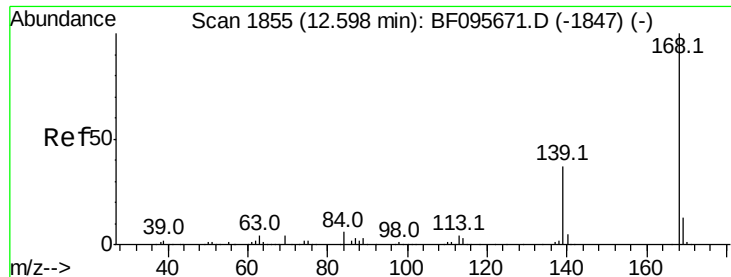
#51
Acenaphthene
Concen: 0.41 ng
RT: 12.30 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion:154 Resp: 4530
Ion Ratio Lower Upper
154 100
153 121.4 90.5 135.7
152 47.6 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





#54

Dibenzenofuran

Concen: 0.74 ng

RT: 12.60 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

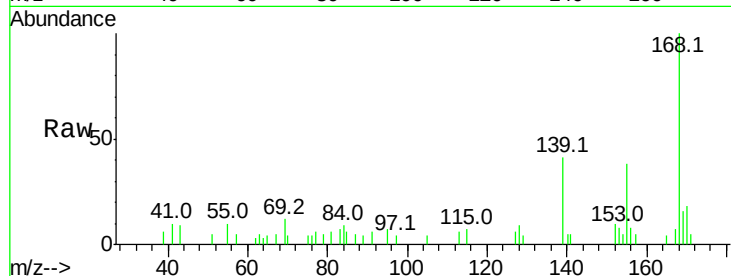
Tot Ion:168 Resp: 11503

Ion Ratio Lower Upper

168 100

139 40.7 30.6 45.8

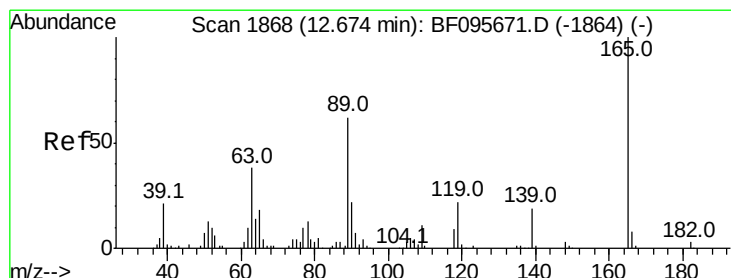
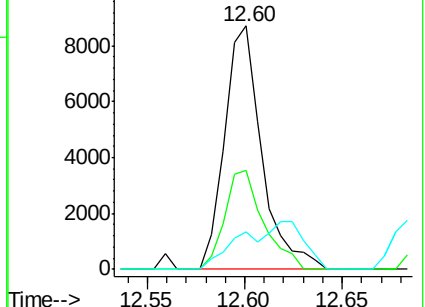
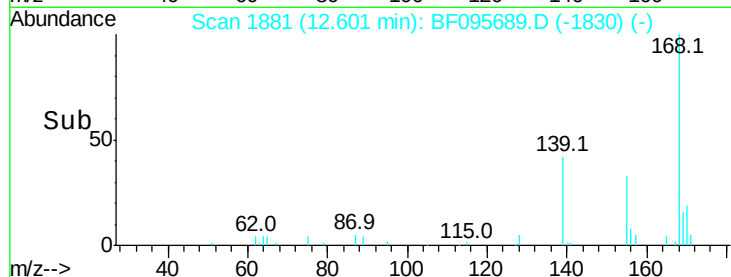
169 15.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 4.82 ng

RT: 12.68 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

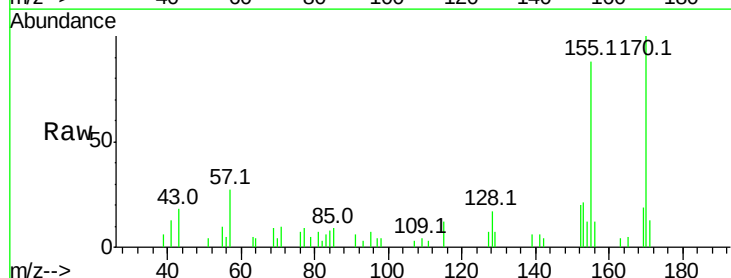
Tgt Ion:139 Resp: 411

Ion Ratio Lower Upper

139 100

109 67.1 34.1 74.1

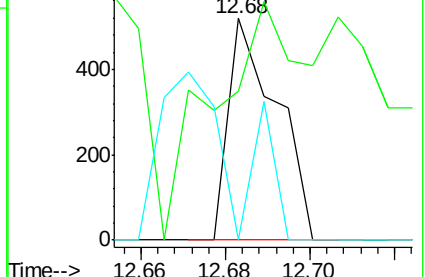
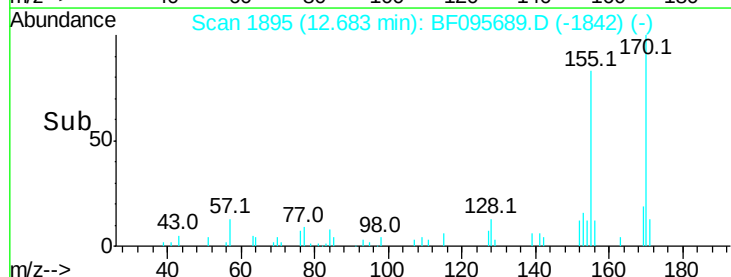
65 0.0 31.4 71.4#

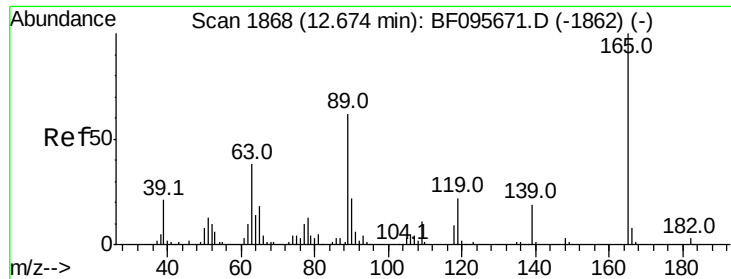


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

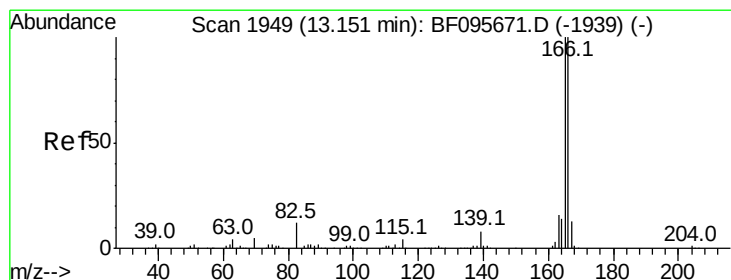
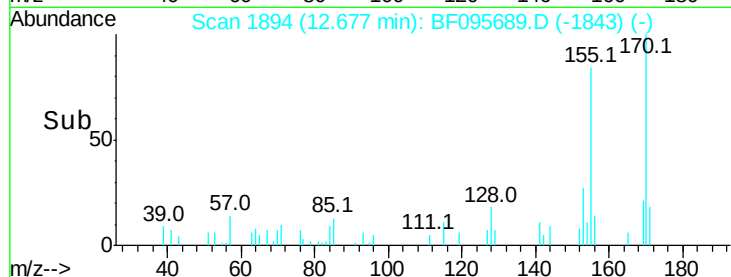
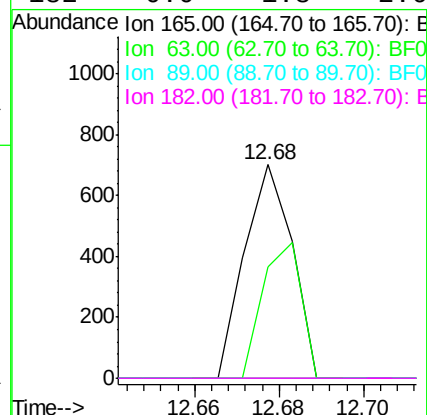
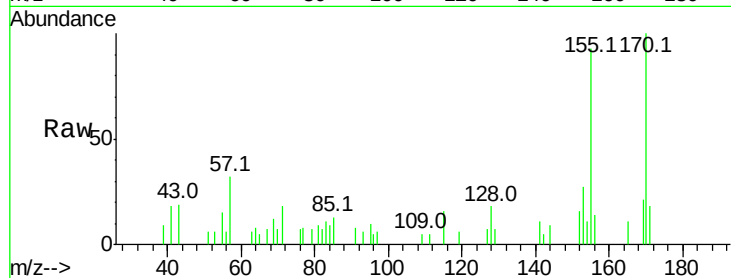




#56
 2,4-Dinitrotoluene
 Concen: 0.14 ng
 RT: 12.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

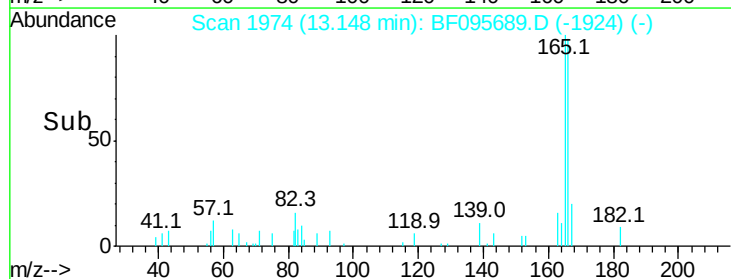
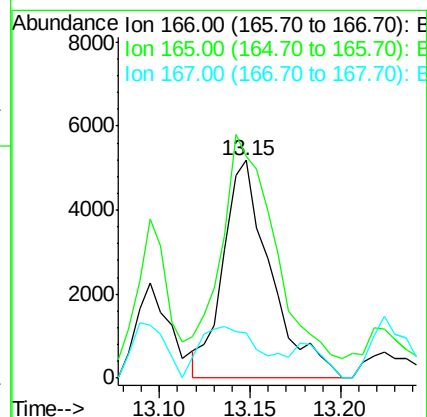
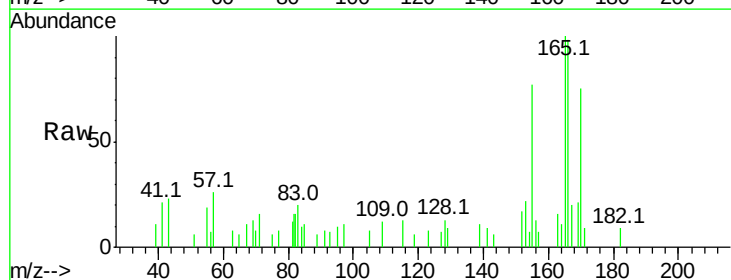
Instrument :
 BNA_F
 ClientSampleId :

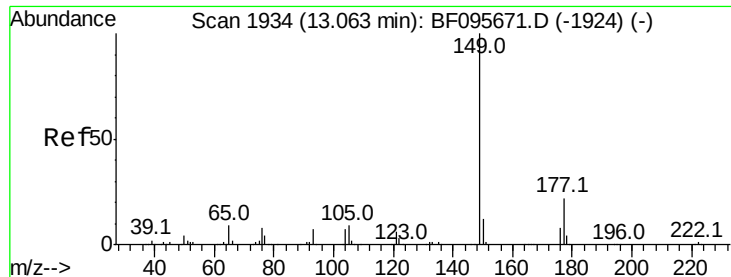
Tot Ion:165 Resp: 547
 Ion Ratio Lower Upper
 165 100
 63 52.4 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#57
 Fluorene
 Concen: 0.70 ng
 RT: 13.15 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Tgt Ion:166 Resp: 9473
 Ion Ratio Lower Upper
 166 100
 165 101.6 78.8 118.2
 167 20.8 10.6 16.0#





#59

Diethylphthalate

Concen: 0.62 ng

RT: 13.05 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

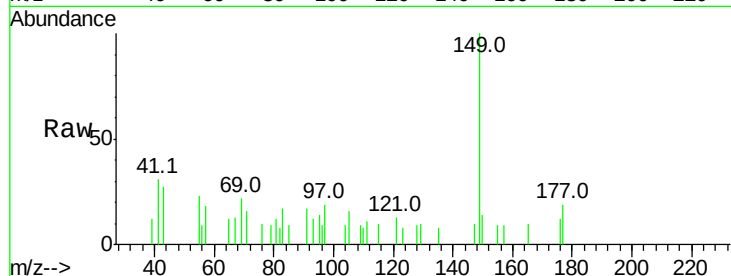
Tot Ion:149 Resp: 7955

Ion Ratio Lower Upper

149 100

177 19.2 16.7 25.1

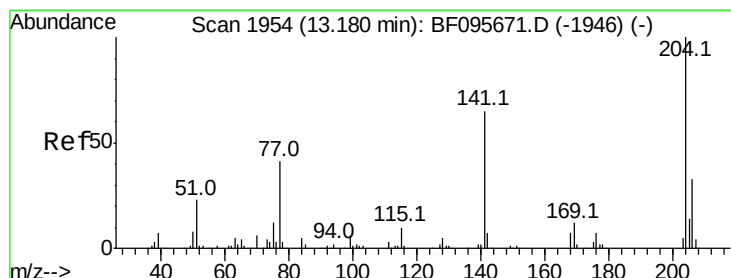
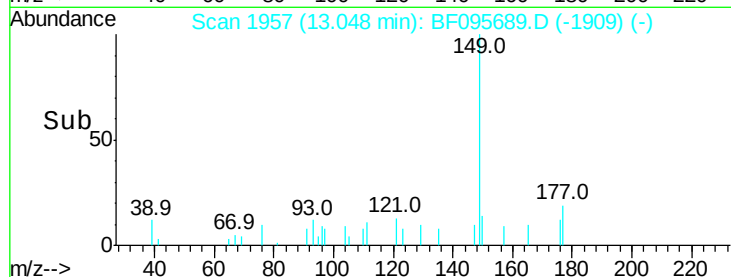
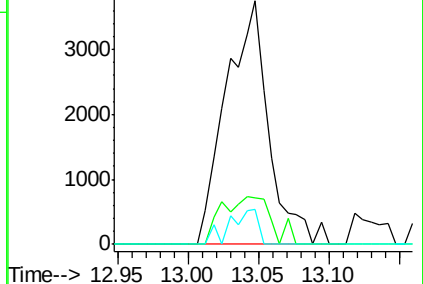
150 14.3 10.2 15.2



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: 0.02 ng

RT: 12.89 min Scan# 1931

Delta R.T. -0.29 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

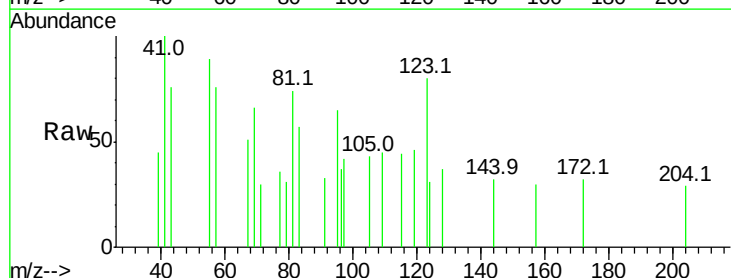
Tgt Ion:204 Resp: 108

Ion Ratio Lower Upper

204 100

206 0.0 26.2 39.2#

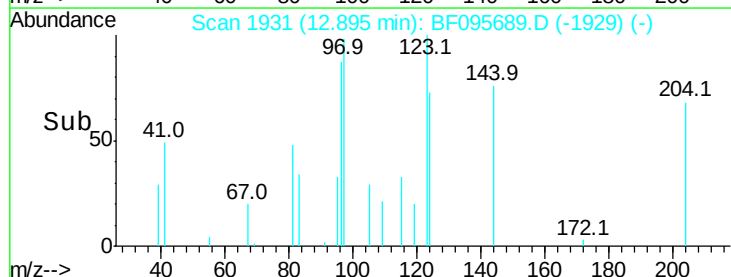
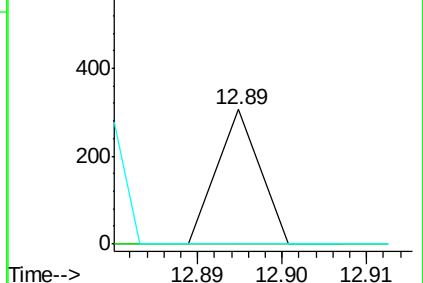
141 0.0 60.8 91.2#

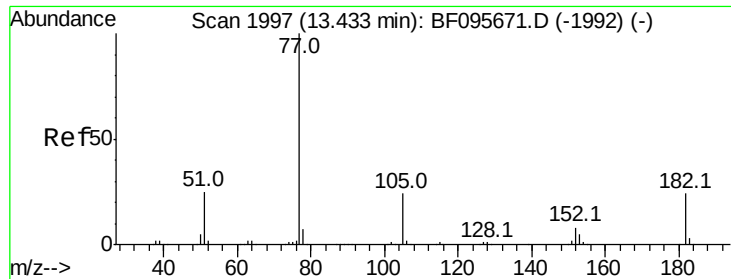


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

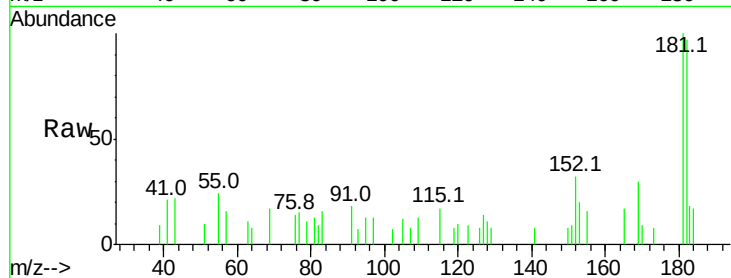




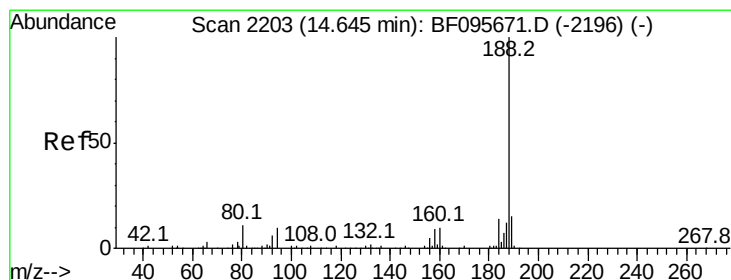
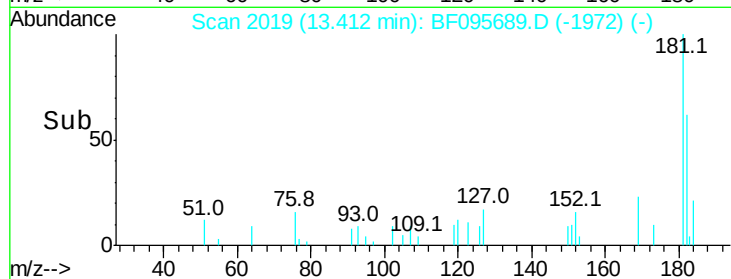
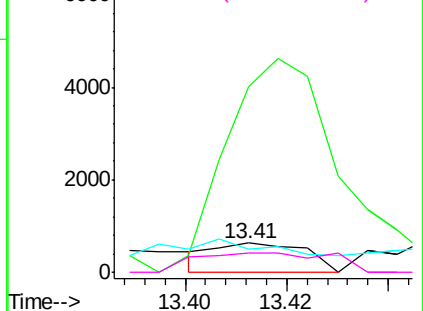
#62
Azobenzene
Concen: 0.07 ng
RT: 13.41 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 782
Ion Ratio Lower Upper
77 100
182 641.4 0.1 40.1#
105 79.2 3.6 43.6#
51 65.3 9.4 49.4#

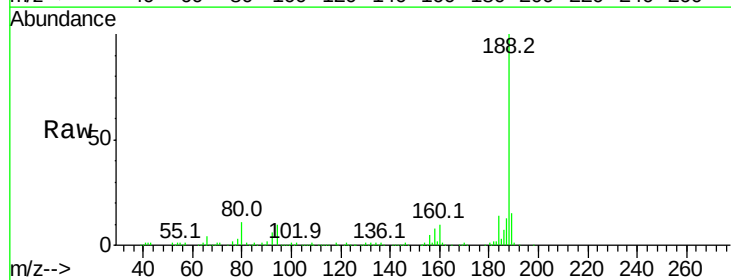


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

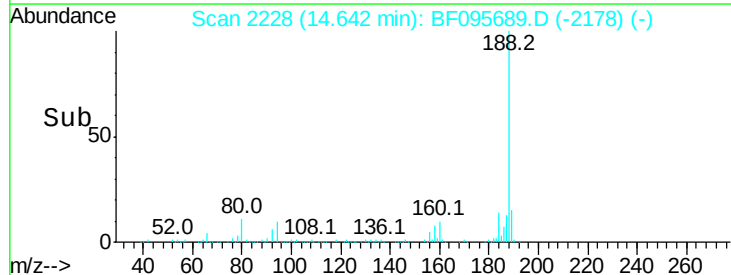
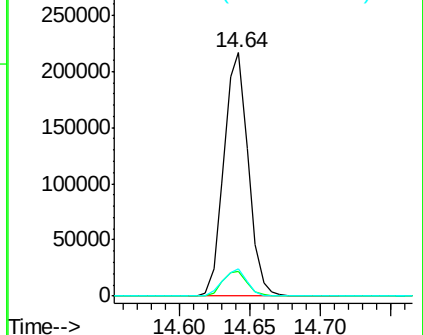


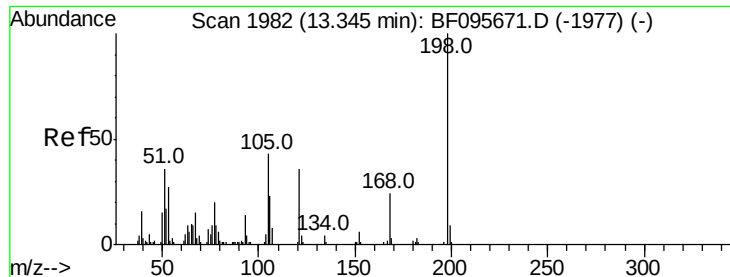
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion: 188 Resp: 259830
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

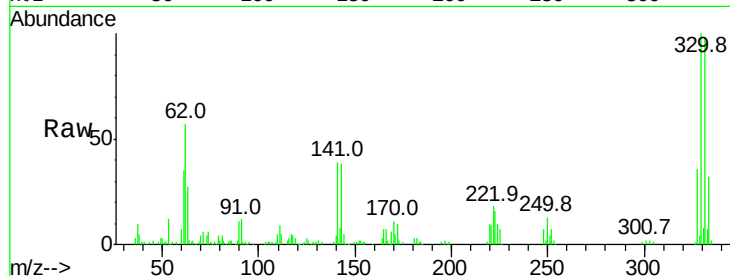




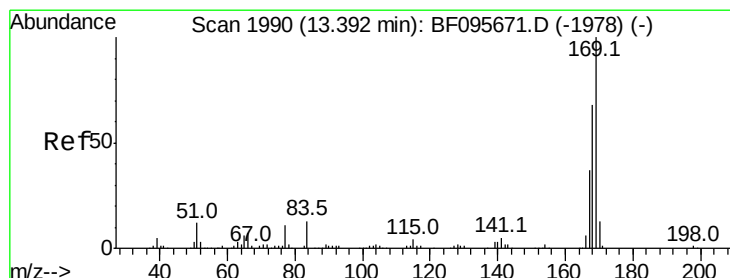
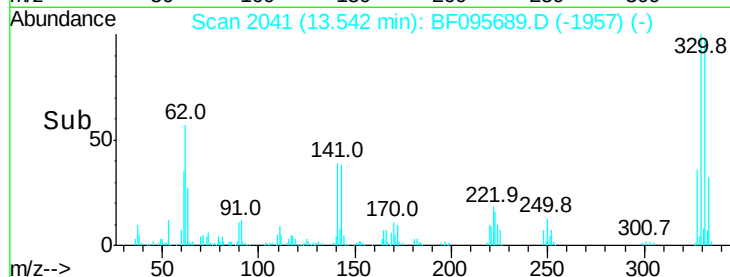
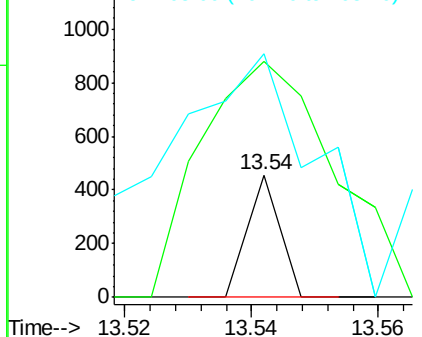
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.09 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. 0.20 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 161
 Ion Ratio Lower Upper
 198 100
 51 192.8 53.2 93.2#
 105 198.9 45.8 85.8#

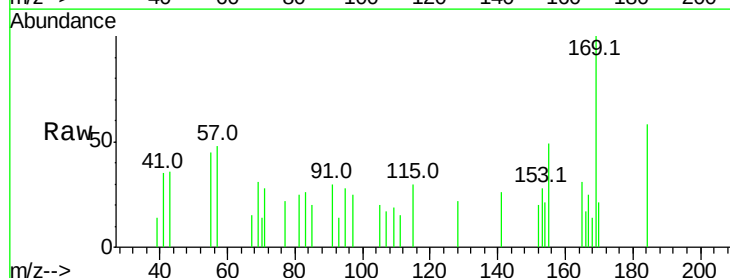


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

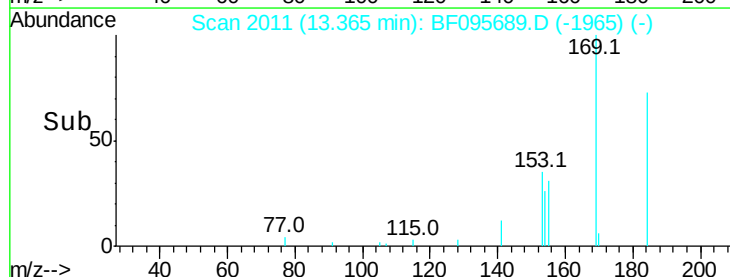
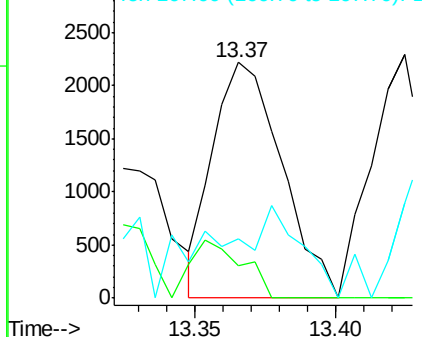


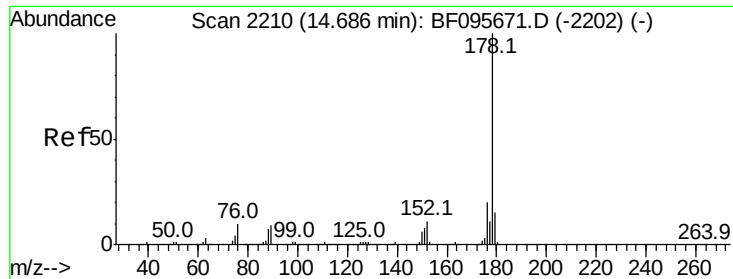
#65
 n-Nitrosodiphenylamine
 Concen: 0.40 ng
 RT: 13.37 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Tgt Ion:169 Resp: 3776
 Ion Ratio Lower Upper
 169 100
 168 13.8 53.2 79.8#
 167 25.3 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





#70

Phenanthrene

Concen: 6.02 ng

RT: 14.68 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

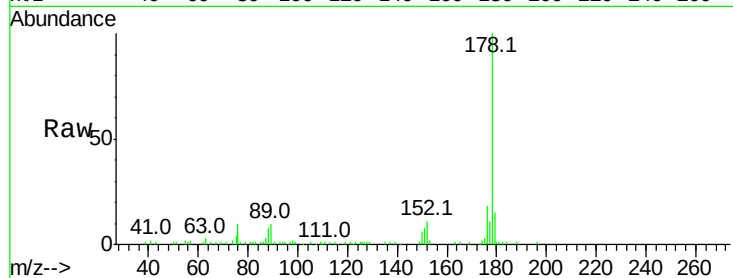
Tot Ion:178 Resp: 90253

Ion Ratio Lower Upper

178 100

176 17.7 16.2 24.4

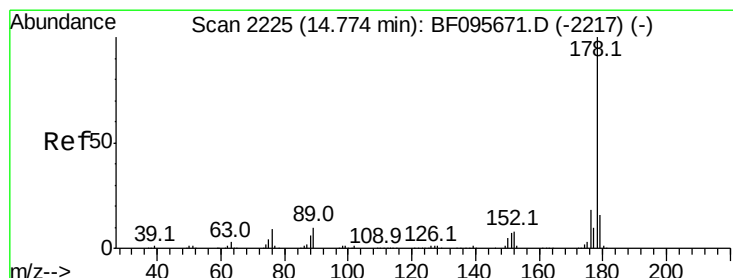
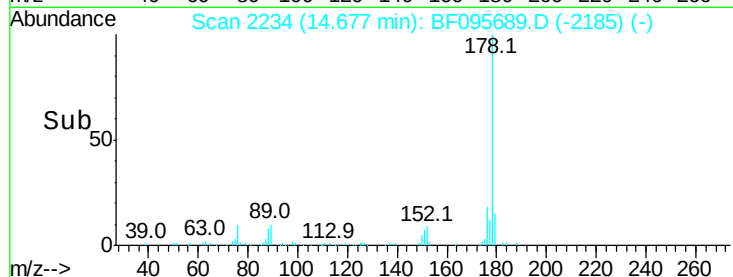
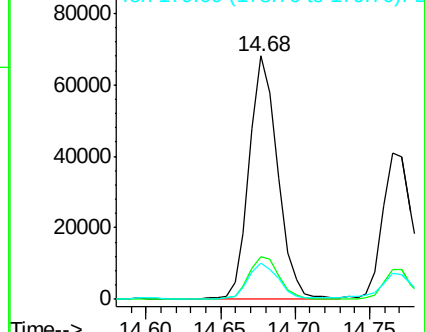
179 14.7 12.6 19.0



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: 3.67 ng

RT: 14.77 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

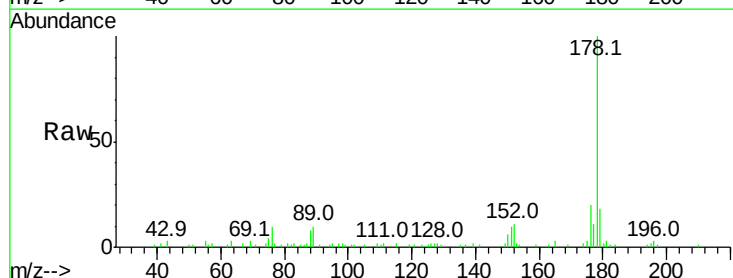
Tgt Ion:178 Resp: 57445

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

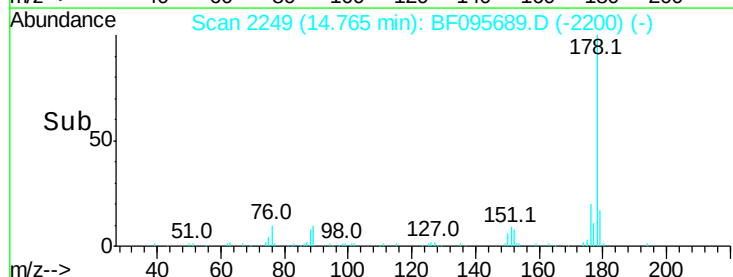
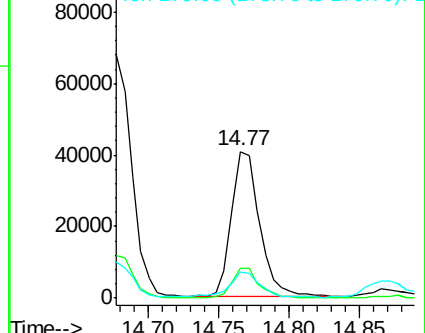
179 17.9 12.7 19.1

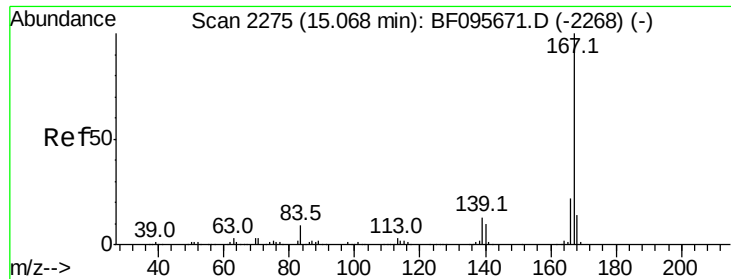


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.56 ng

RT: 15.08 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

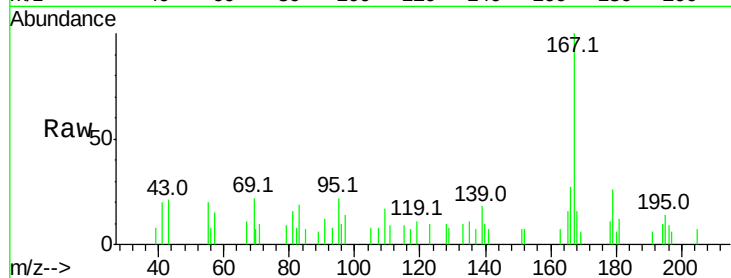
Tot Ion:167 Resp: 8541

Ion Ratio Lower Upper

167 100

166 26.8 18.1 27.1

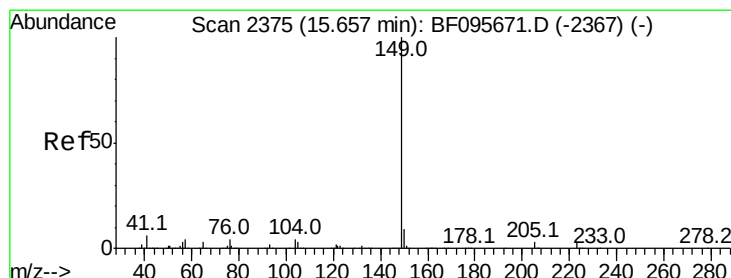
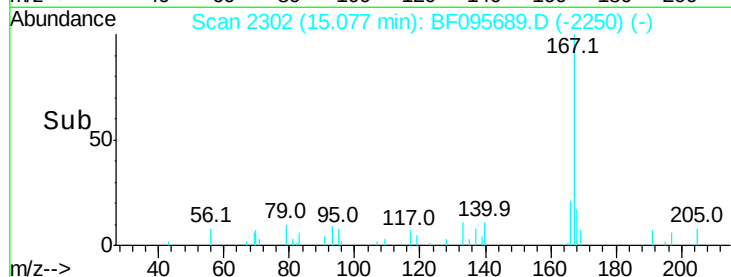
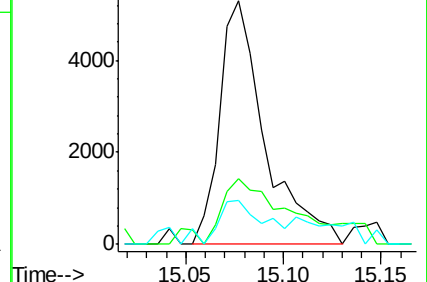
139 17.9 11.7 17.5#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.31 ng

RT: 15.65 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

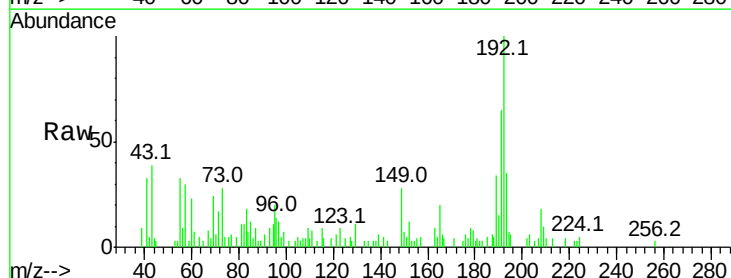
Tgt Ion:149 Resp: 5034

Ion Ratio Lower Upper

149 100

150 26.4 7.7 11.5#

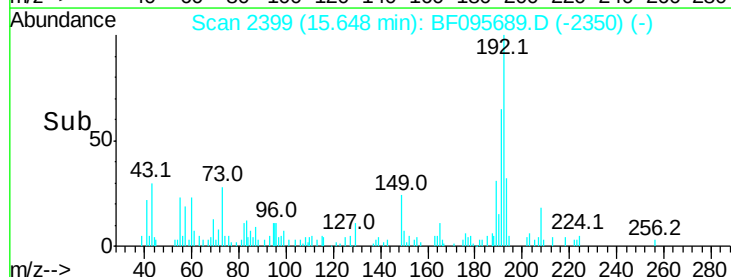
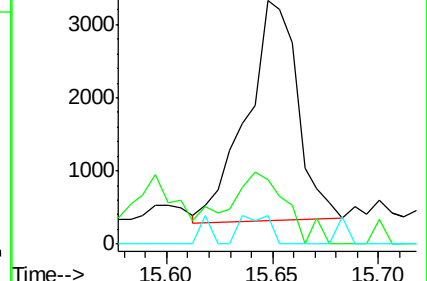
104 11.7 4.0 6.0#

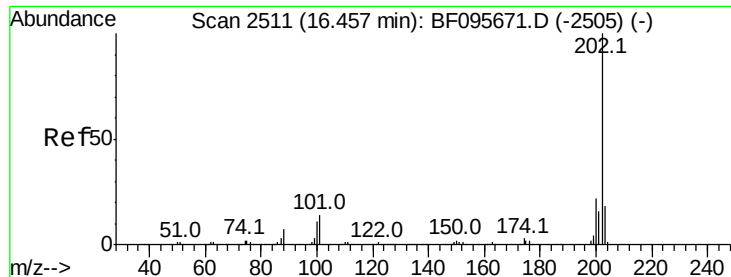


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 57.85 ng

RT: 16.46 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

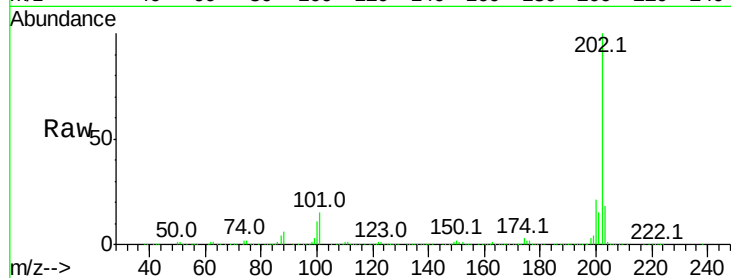
Tot Ion:202 Resp: 858456

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.2

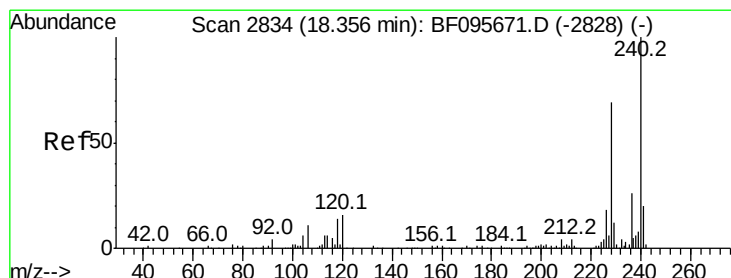
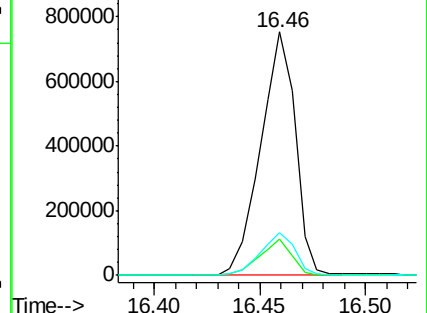
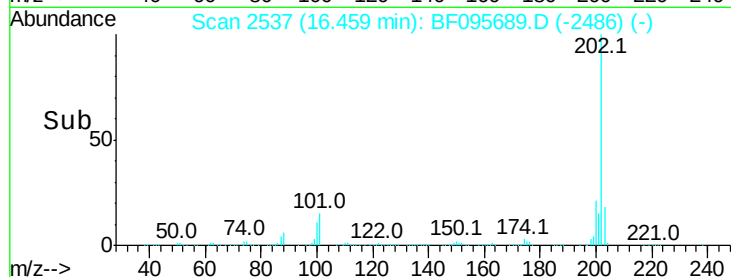
203 17.7 0.0 38.1



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: 18.35 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

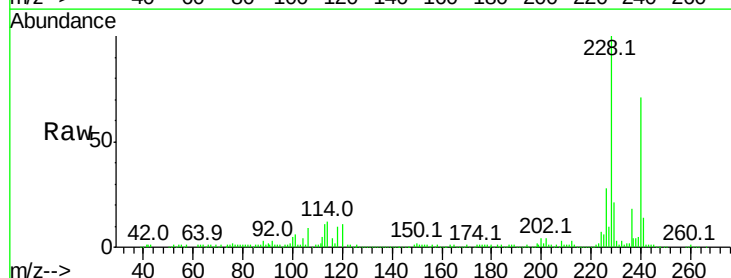
Tgt Ion:240 Resp: 200623

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

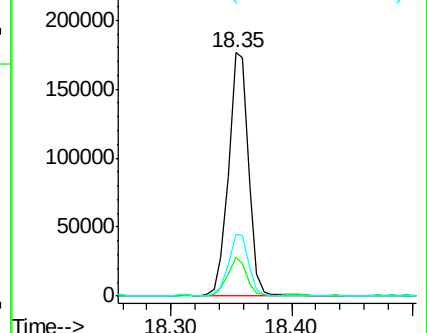
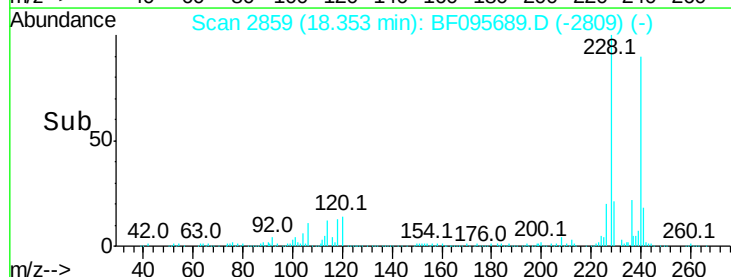
236 25.1 20.5 30.7

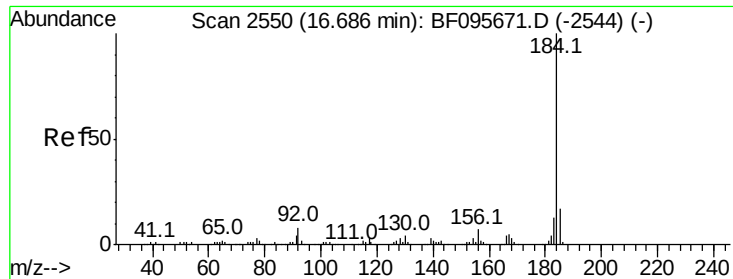


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.02 ng

RT: 16.70 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

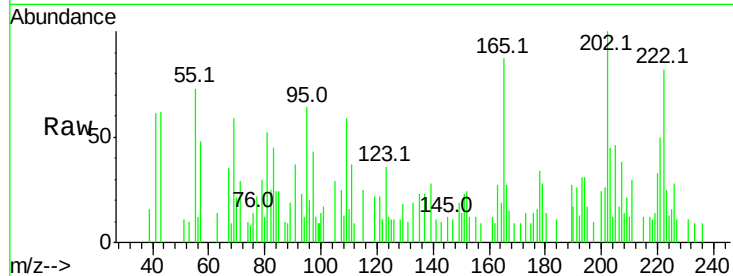
Tot Ion:184 Resp: 134

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

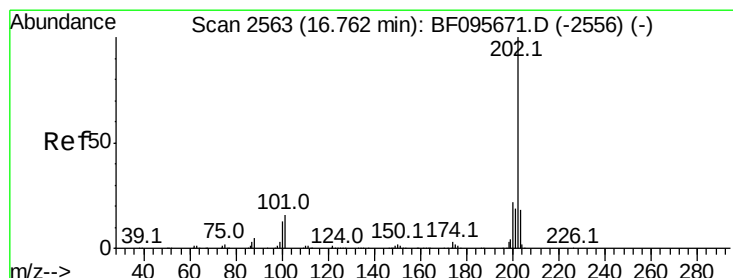
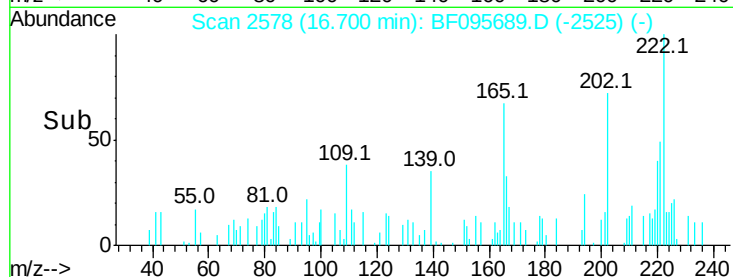
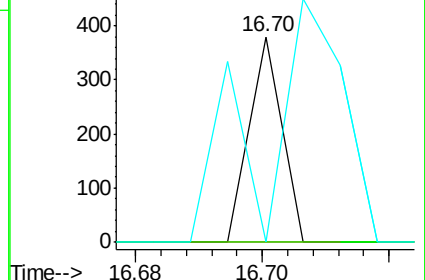
183 0.0 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 62.35 ng

RT: 16.77 min Scan# 2589

Delta R.T. 0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

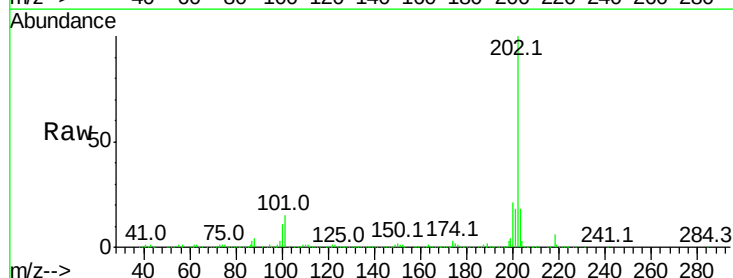
Tgt Ion:202 Resp: 933414

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

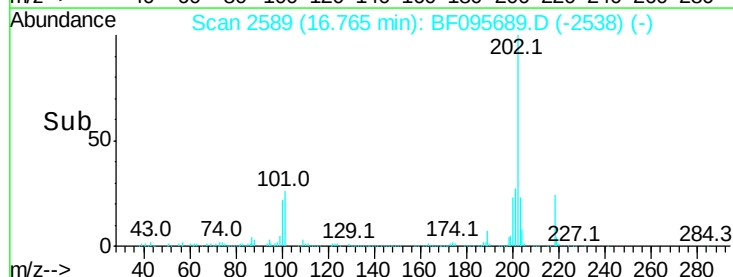
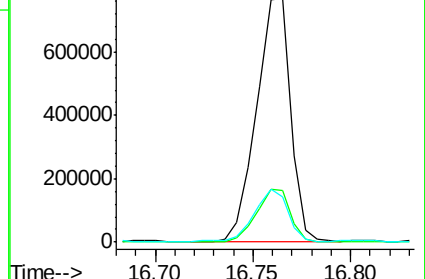
203 18.5 14.4 21.6

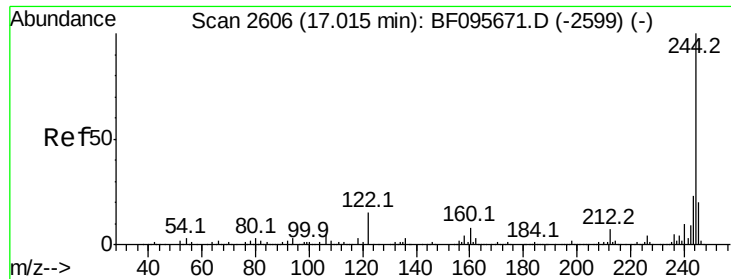


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

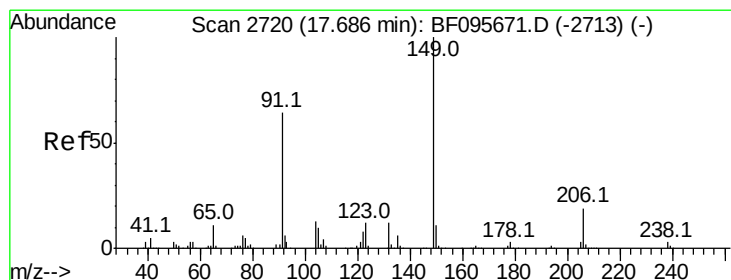
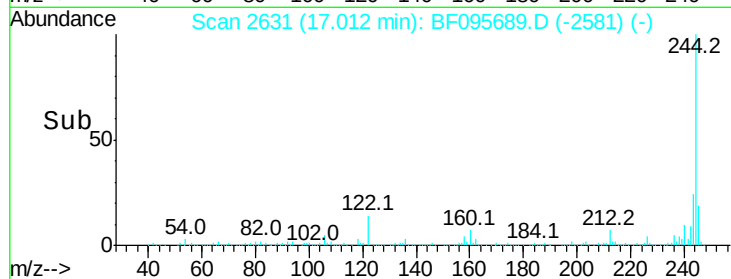
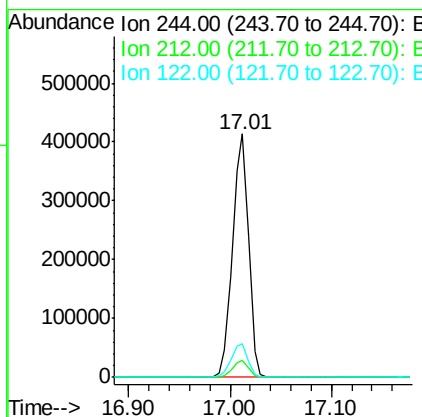
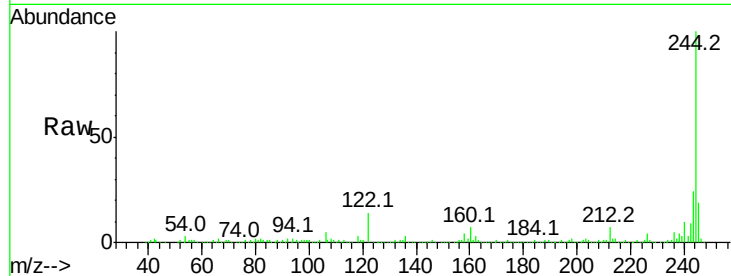




#78
 Terphenyl-d14
 Concen: 56.31 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

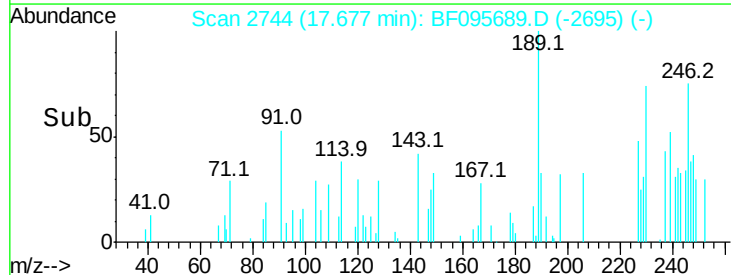
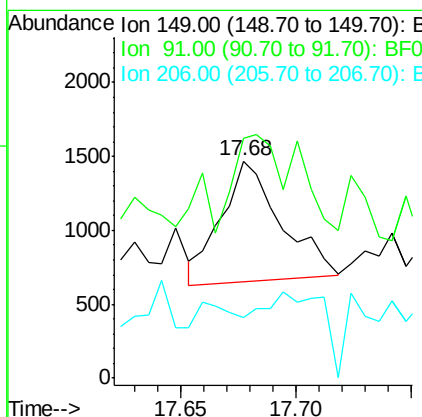
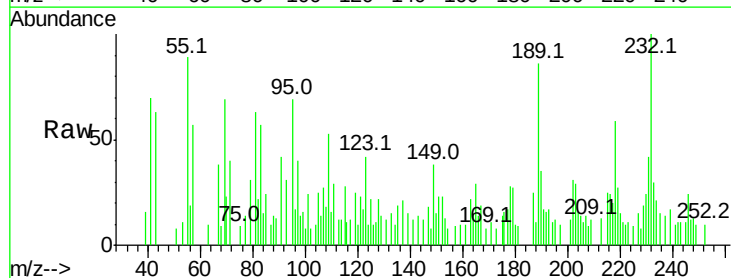
Instrument :
 BNA_F
 ClientSampleId :

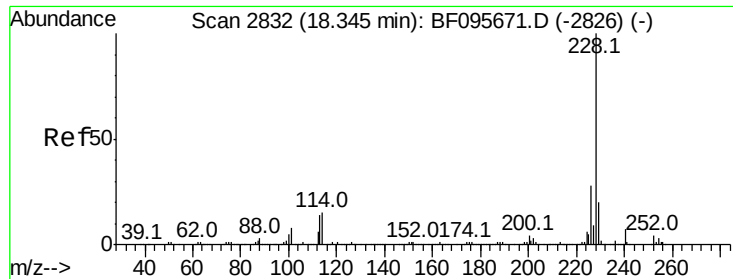
Tot Ion:244 Resp: 455201
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 0.22 ng
 RT: 17.68 min Scan# 2744
 Delta R.T. -0.01 min
 Lab File: BF095689.D
 Acq: 5 Jun 2017 23:45

Tgt Ion:149 Resp: 1460
 Ion Ratio Lower Upper
 149 100
 91 110.2 45.0 67.4#
 206 28.0 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 48.96 ng

RT: 18.35 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampled :

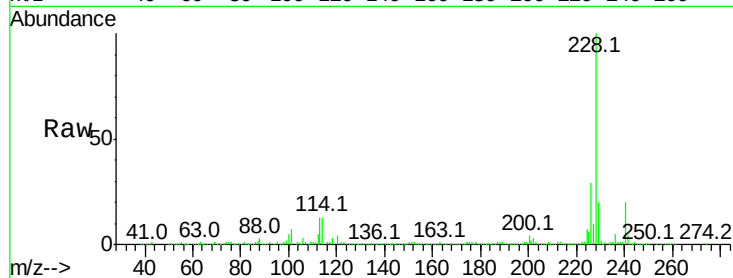
Tot Ion:228 Resp: 571109

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

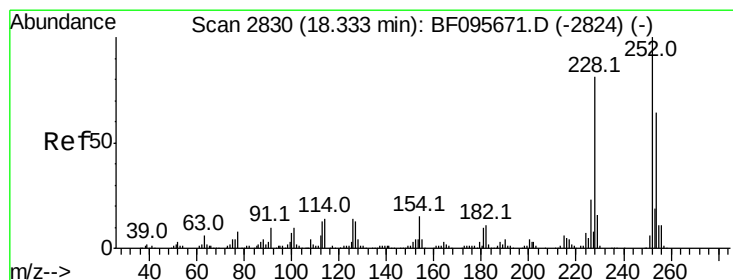
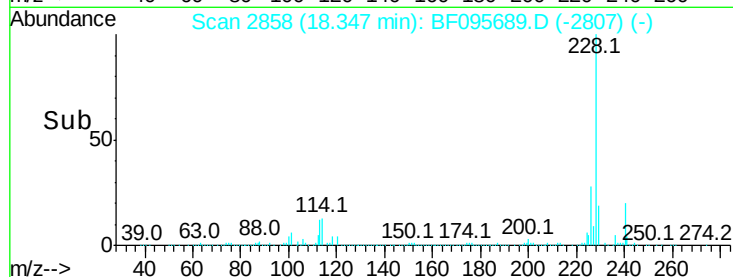
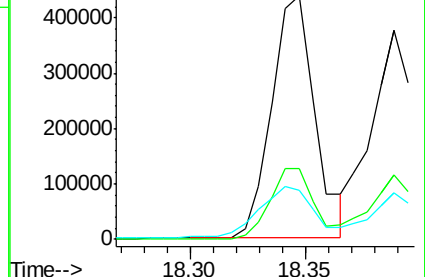
229 20.4 16.3 24.5



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: 0.03 ng

RT: 18.34 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

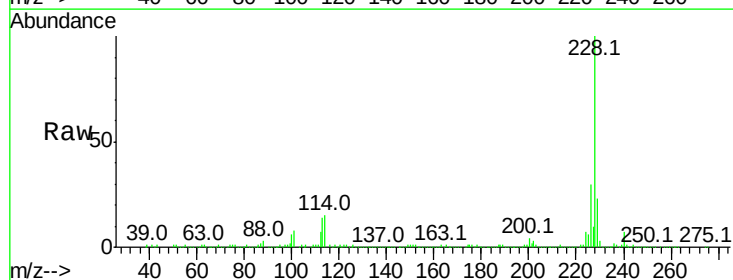
Tgt Ion:252 Resp: 132

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

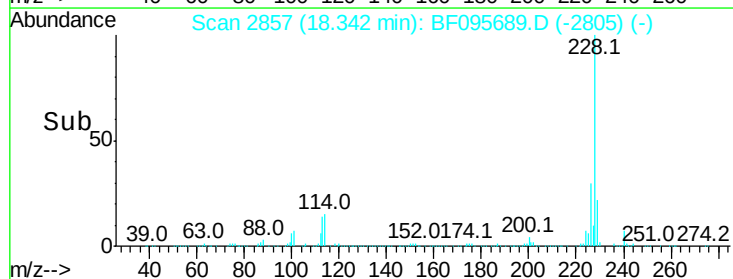
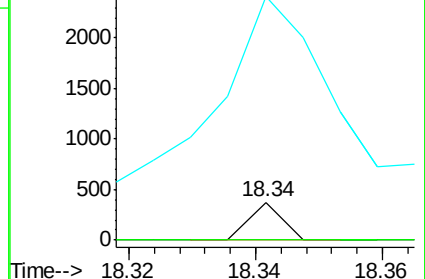
126 642.4 15.8 23.8#

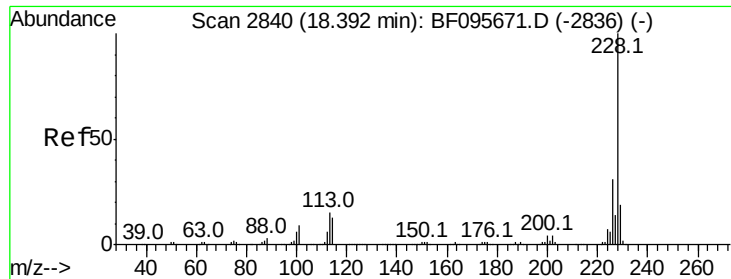


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.14 ng

RT: 18.39 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampled :

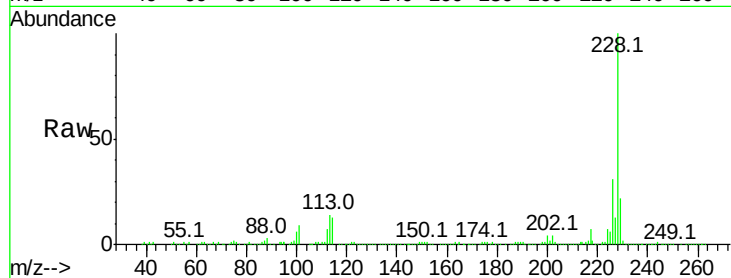
Tot Ion:228 Resp: 467935

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

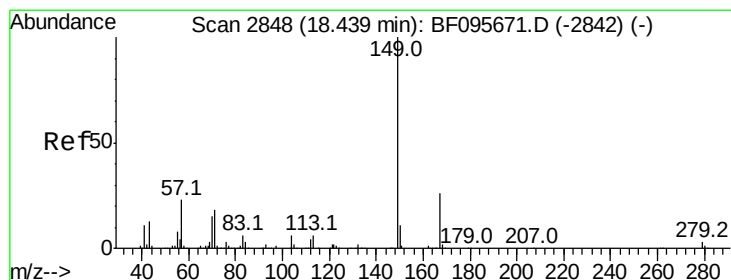
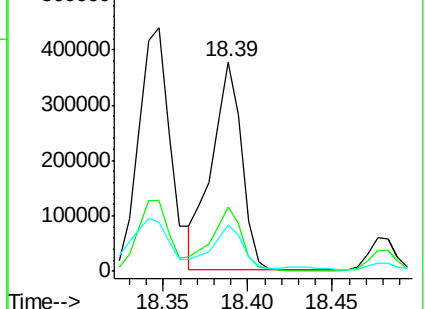
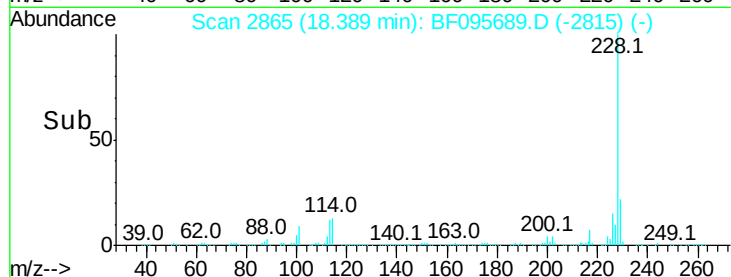
229 22.4 15.8 23.6



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: 0.33 ng

RT: 18.44 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

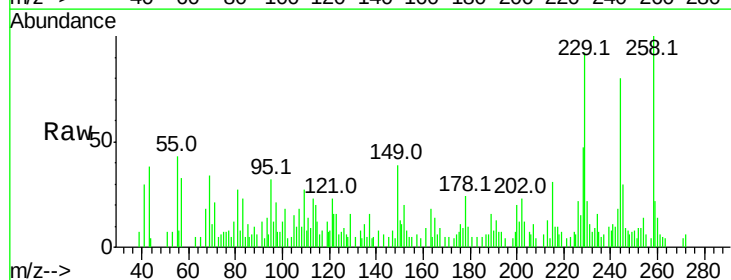
Tgt Ion:149 Resp: 3075

Ion Ratio Lower Upper

149 100

167 23.5 21.0 31.4

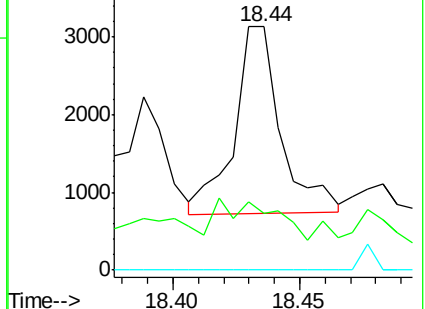
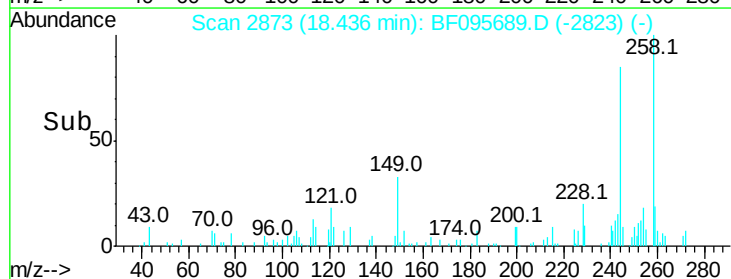
279 0.0 1.9 2.9#

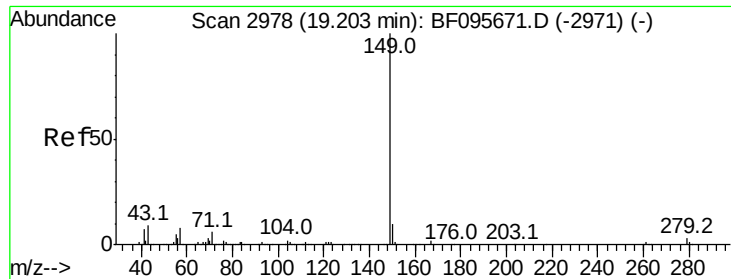


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.05 ng

RT: 19.22 min Scan# 3006

Delta R.T. 0.01 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

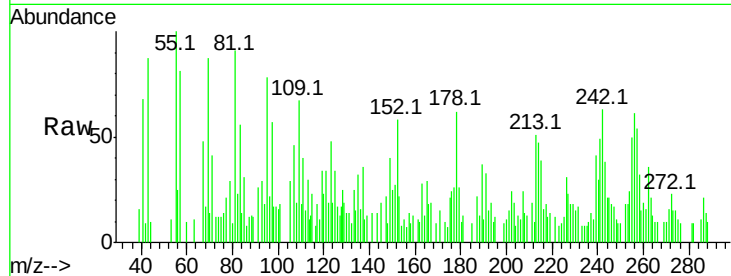
Tot Ion:149 Resp: 824

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

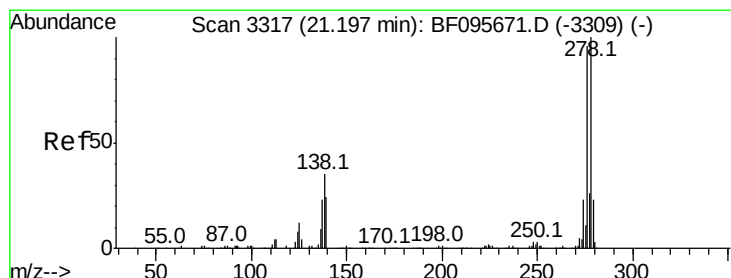
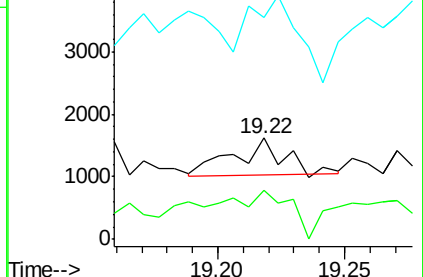
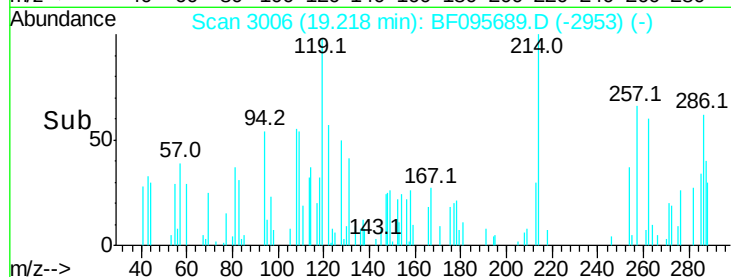
43 217.2 8.5 12.7#



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: 27.51 ng

RT: 21.20 min Scan# 3343

Delta R.T. 0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

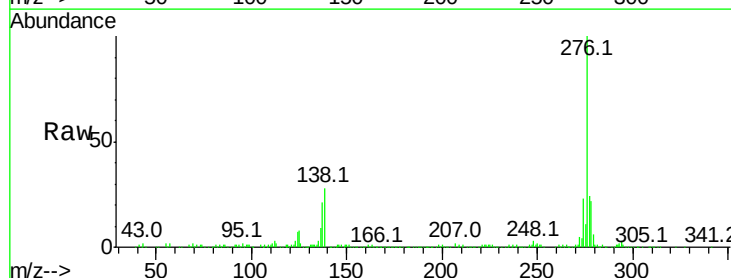
Tgt Ion:276 Resp: 274392

Ion Ratio Lower Upper

276 100

138 29.5 27.8 41.6

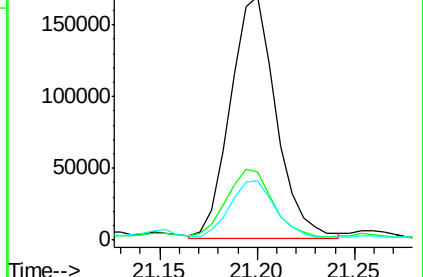
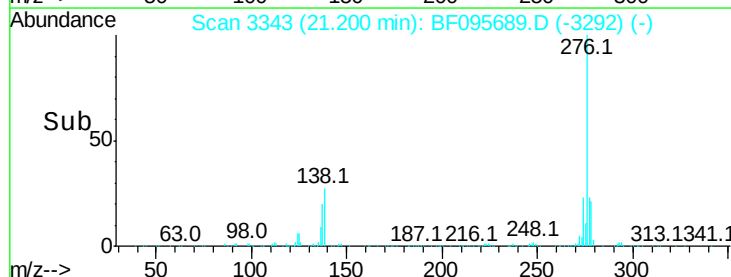
277 24.3 20.2 30.4

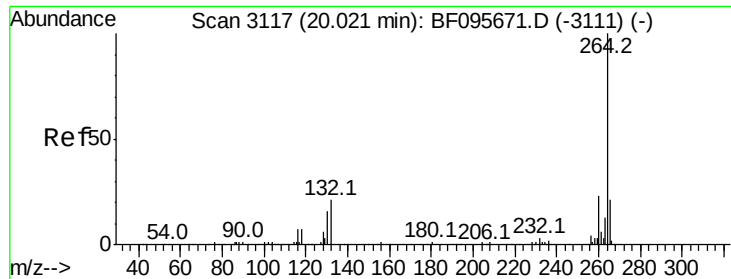


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



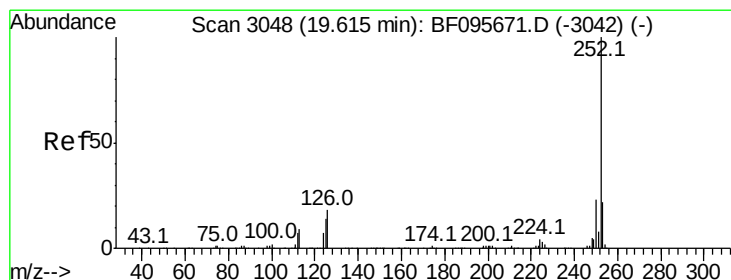
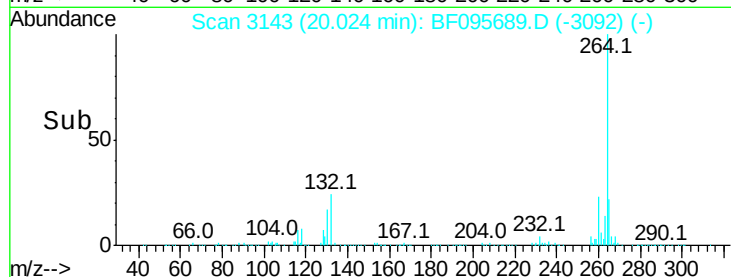
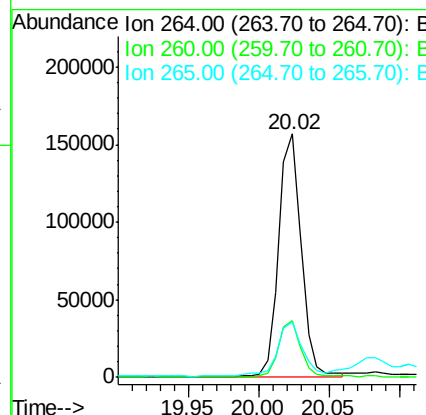
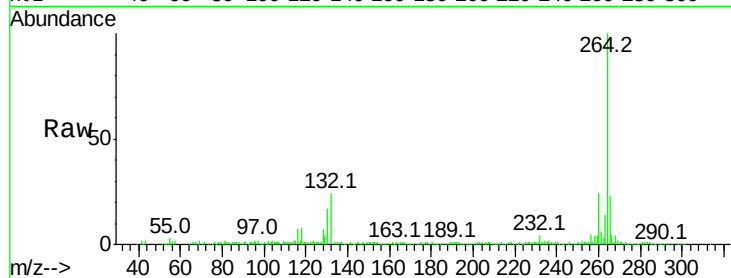


#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 178160

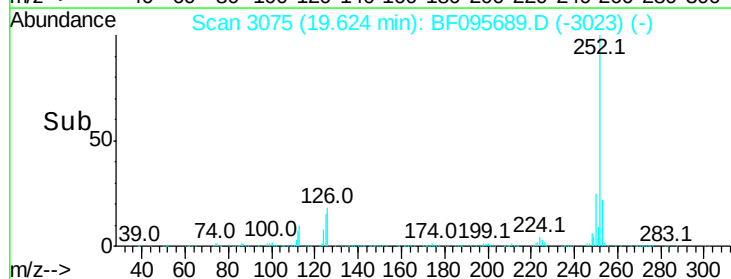
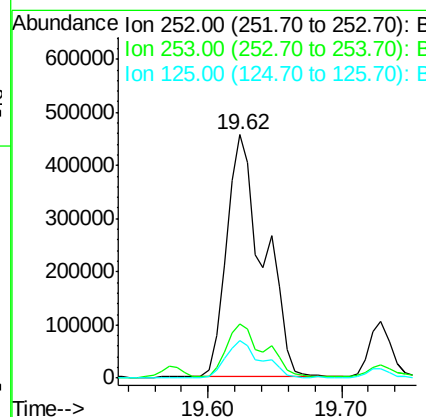
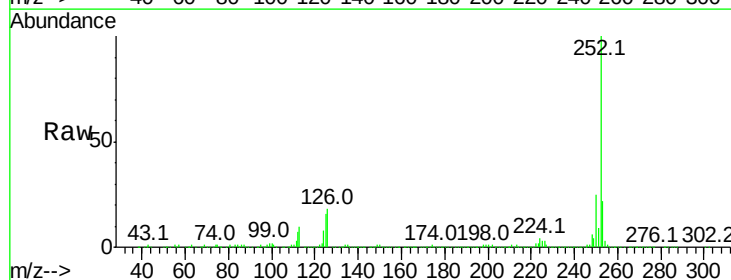
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.7	17.2	25.8

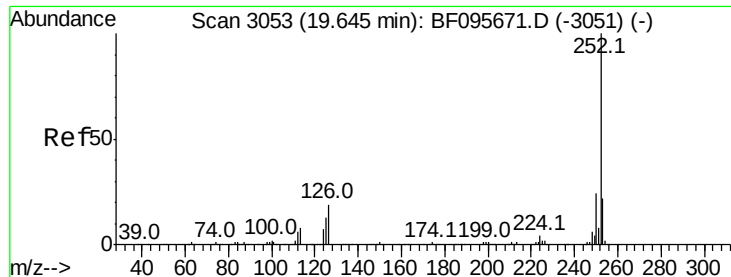


#87
Benzo(b)fluoranthene
Concen: 78.52 ng
RT: 19.62 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF095689.D
Acq: 5 Jun 2017 23:45

Tgt Ion:252 Resp: 875916

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	15.6	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 82.14 ng

RT: 19.62 min Scan# 3075

Delta R.T. -0.02 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Instrument :

BNA_F

ClientSampleId :

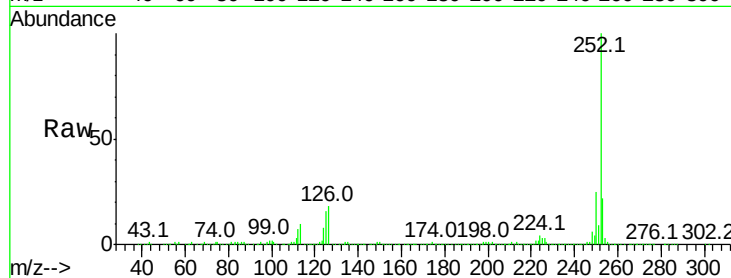
Tot Ion:252 Resp: 875916

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

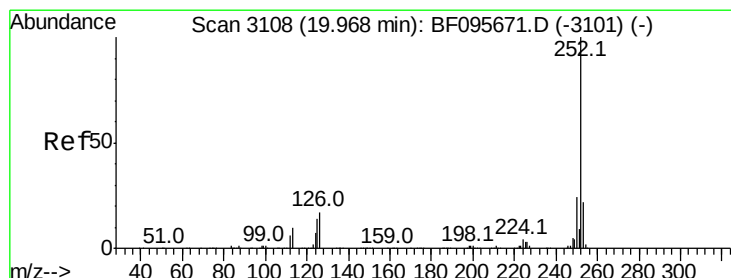
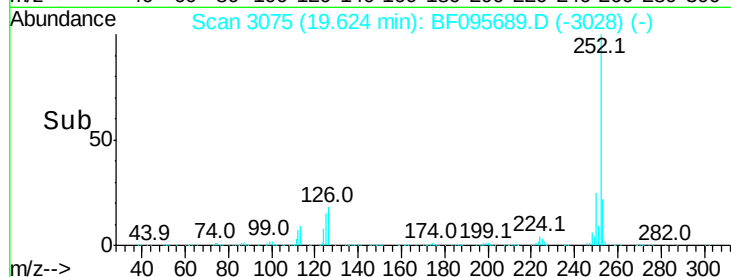
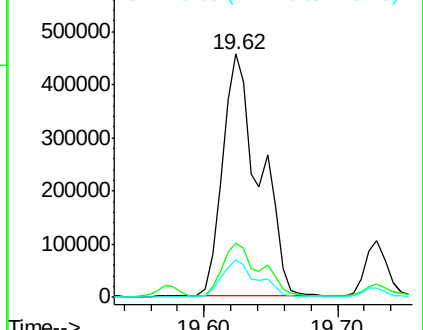
125 15.6 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 47.88 ng

RT: 19.97 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

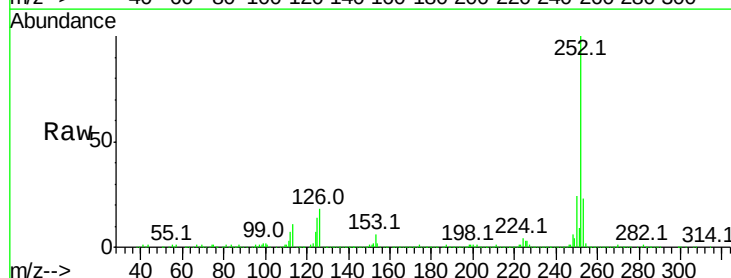
Tgt Ion:252 Resp: 490893

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

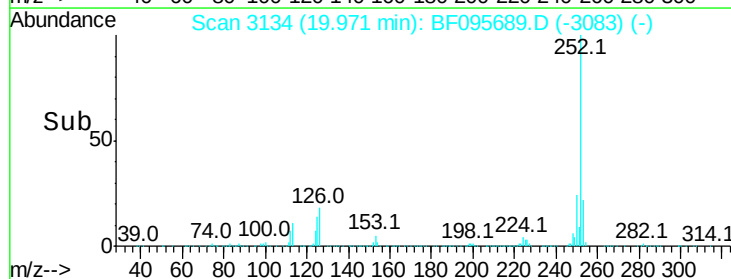
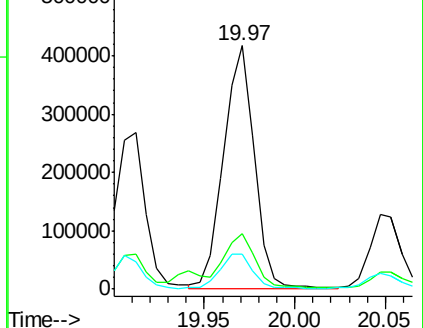
125 14.5 11.0 16.4

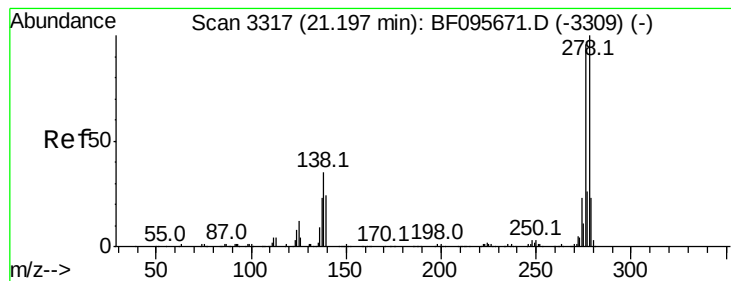


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.77 ng

RT: 21.33 min Scan# 3365

Delta R.T. 0.13 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

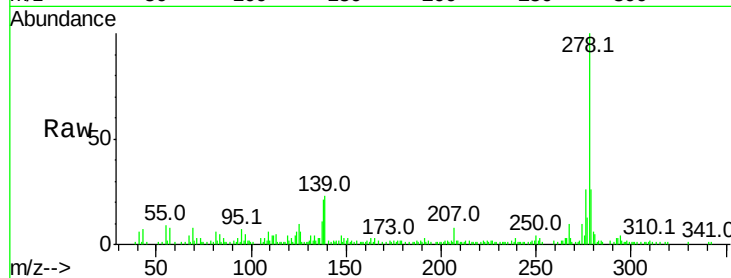
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 58844

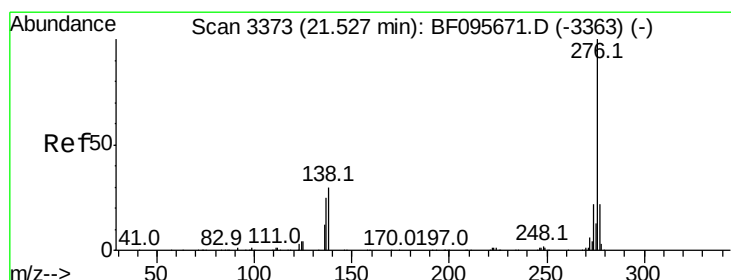
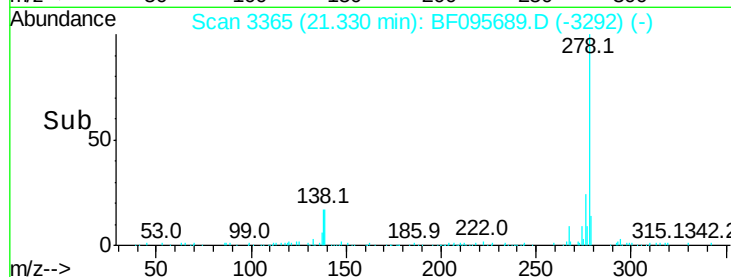
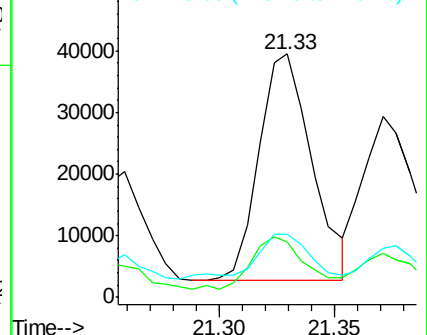
Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	25.9	19.3	28.9



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(g,h,i)perylene

Concen: 26.22 ng

RT: 21.53 min Scan# 3399

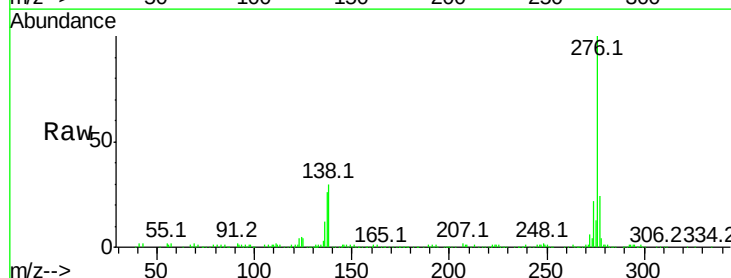
Delta R.T. 0.00 min

Lab File: BF095689.D

Acq: 5 Jun 2017 23:45

Tgt Ion:276 Resp: 232492

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	29.8	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

