

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099407.D
 Acq On : 12 Oct 2017 21:00
 Operator : SJ/JU
 Sample : I5729-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:55:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

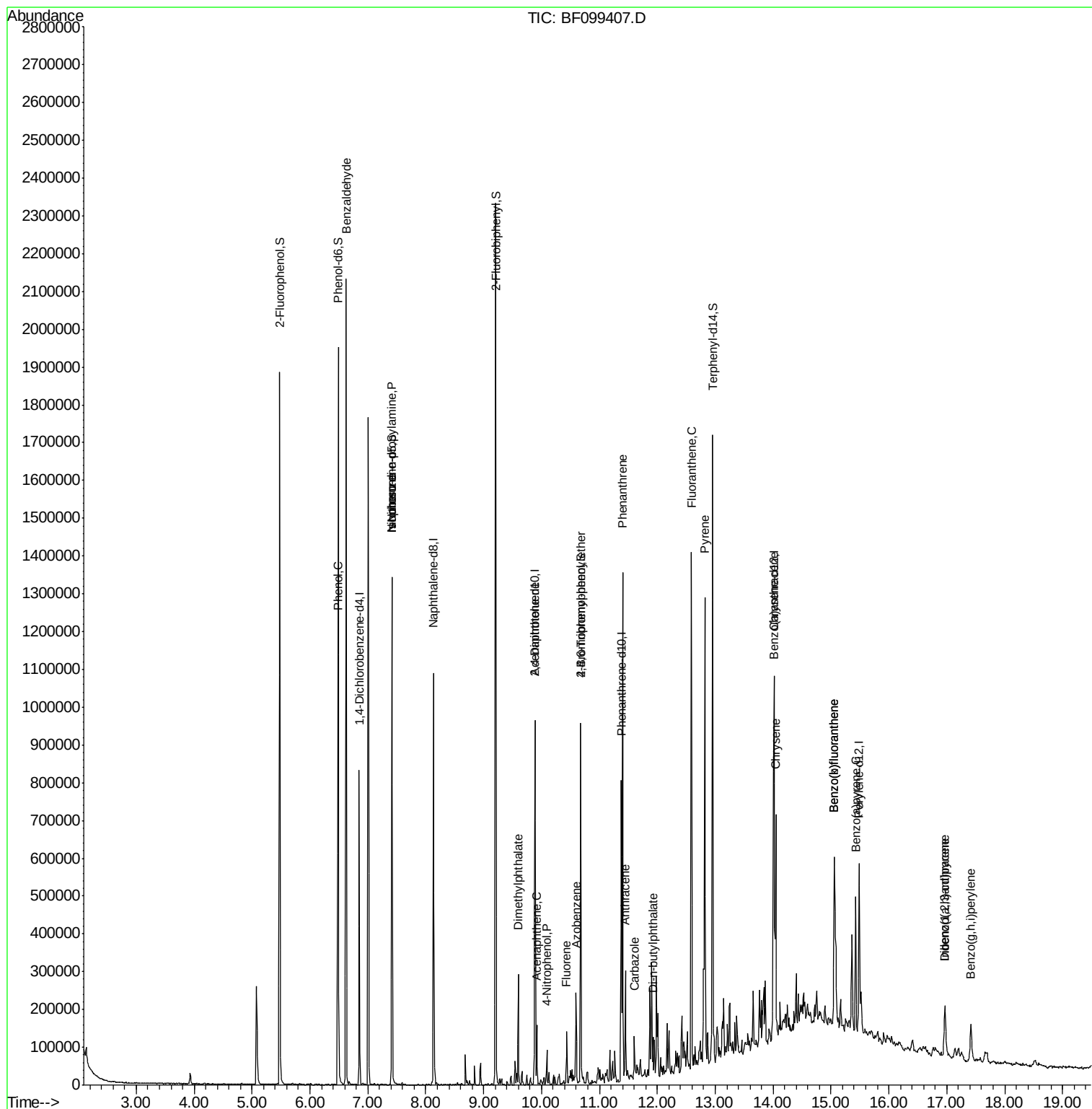
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	116605	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	460682	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	183377	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	259452	20.00	ng	0.00
75) Chrysene-d12	14.02	240	217233	20.00	ng	0.00
86) Perylene-d12	15.49	264	188469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	603990	82.46	ng	0.00
7) Phenol-d6	6.49	99	724145	80.14	ng	0.00
23) Nitrobenzene-d5	7.42	82	422322	58.79	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	107345	71.54	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	793747	72.26	ng	0.00
78) Terphenyl-d14	12.96	244	489973	51.30	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	11881	2.27	ng	86
10) Phenol	6.50	94	34909	3.45	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	53549	9.28	ng	# 74
25) Isophorone	7.42	82	422319	28.44	ng	# 64
49) Dimethylphthalate	9.60	163	108059	7.81	ng	100
51) Acenaphthene	9.92	154	33502	2.92	ng	99
55) 4-Nitrophenol	10.09	139	10275	3.46	ng	# 10
56) 2,4-Dinitrotoluene	9.89	165	24260	6.20	ng	# 23
57) Fluorene	10.43	166	34888	2.84	ng	99
62) Azobenzene	10.60	77	34437	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	7273	2.86	ng	# 1
70) Phenanthrene	11.40	178	499442	35.96	ng	99
71) Anthracene	11.45	178	103005	7.25	ng	98
72) Carbazole	11.60	167	42294	3.04	ng	98
73) Di-n-butylphthalate	11.93	149	47467	2.83	ng	99
74) Fluoranthene	12.59	202	541570	38.51	ng	98
77) Pyrene	12.82	202	492071	29.71	ng	99
80) Benzo(a)anthracene	14.00	228	257133	19.55	ng	99
82) Chrysene	14.04	228	232257	18.55	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	77265	7.71	ng	99
87) Benzo(b)fluoranthene	15.06	252	322699	27.85	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	322699	28.19	ng	98
89) Benzo(a)pyrene	15.43	252	159708	15.01	ng	98
90) Dibenzo(a,h)anthracene	16.97	278	21813	2.56	ng	# 76
91) Benzo(g,h,i)perylene	17.42	276	73860	8.78	ng	91

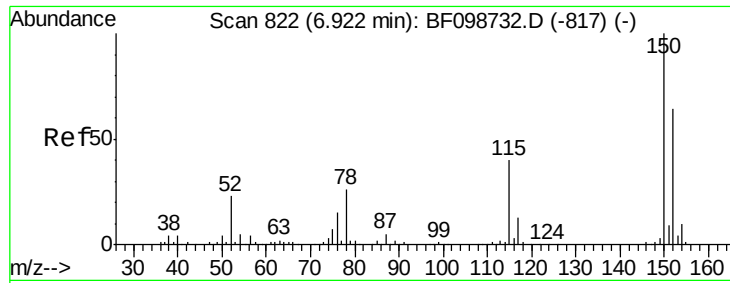
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Instrument :

BNA_F

ClientSampled :

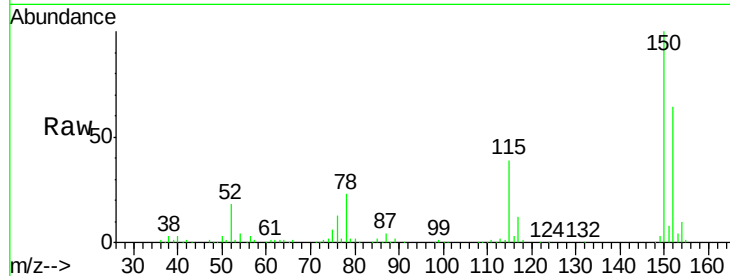
Tot Ion:152 Resp: 116605

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

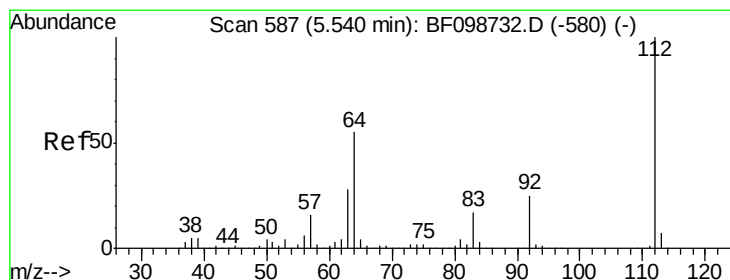
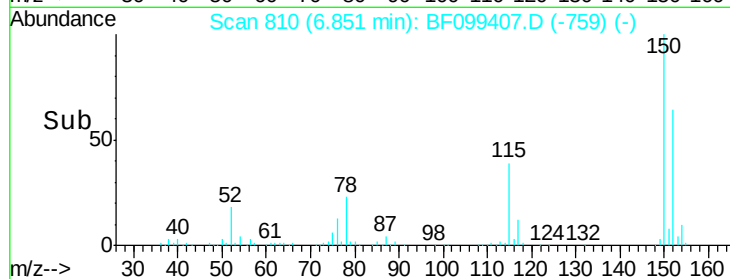
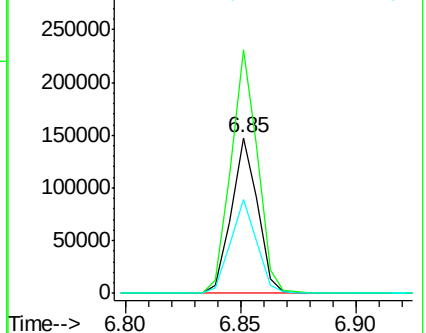
115 60.3 50.1 75.1



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



#5

2-Fluorophenol

Concen: 82.46 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

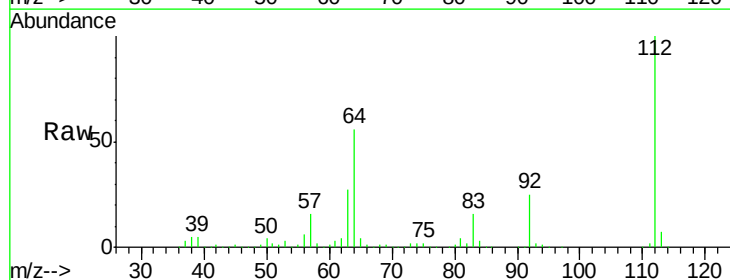
Tgt Ion:112 Resp: 603990

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

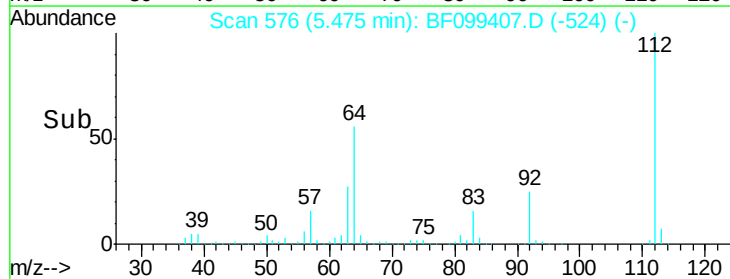
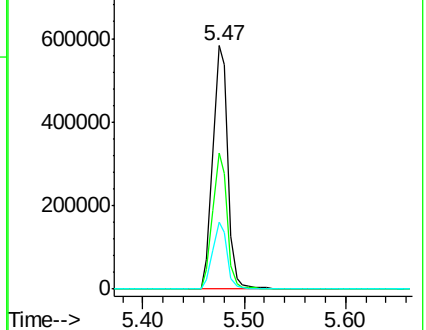
63 27.4 23.7 35.5

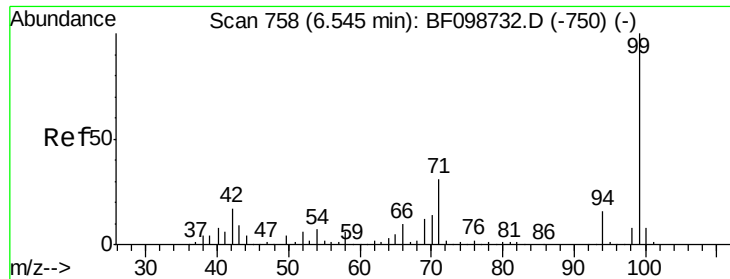


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.14 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Instrument :

BNA_F

ClientSampled :

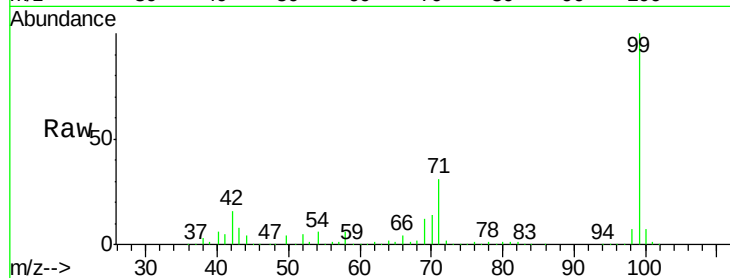
Tot Ion: 99 Resp: 724145

Ion Ratio Lower Upper

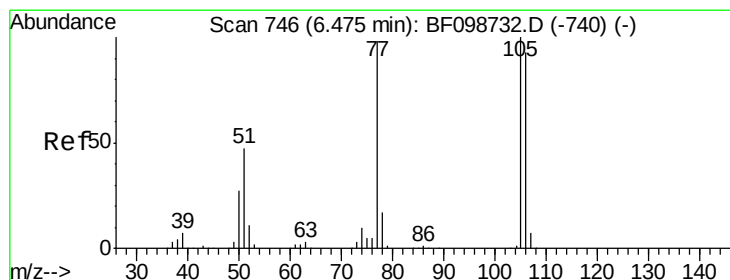
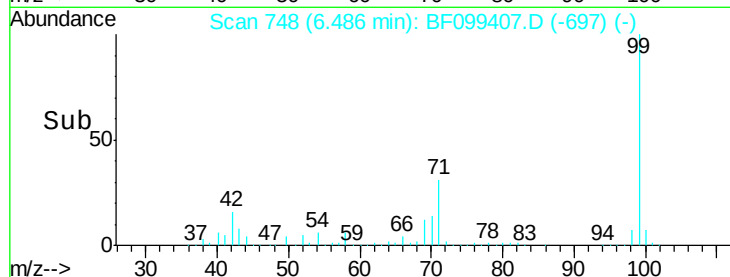
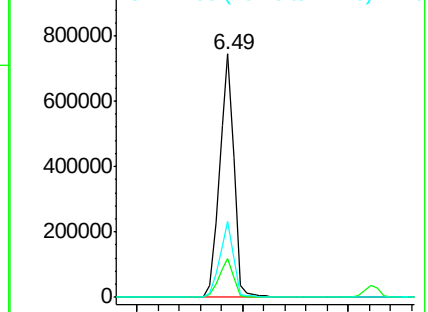
99 100

42 15.9 14.5 21.7

71 31.4 25.4 38.0



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: 2.27 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

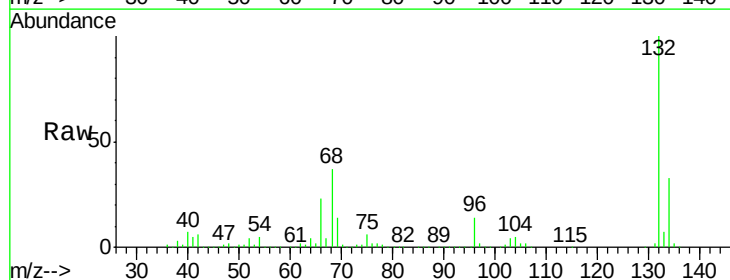
Tgt Ion: 77 Resp: 11881

Ion Ratio Lower Upper

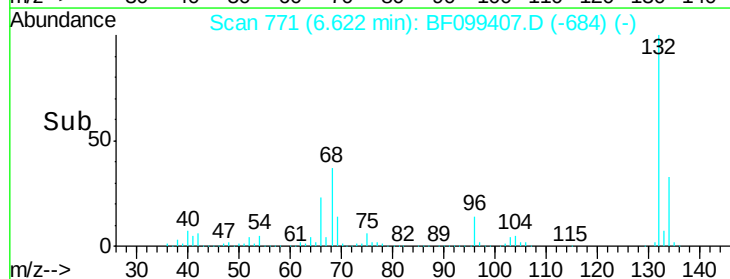
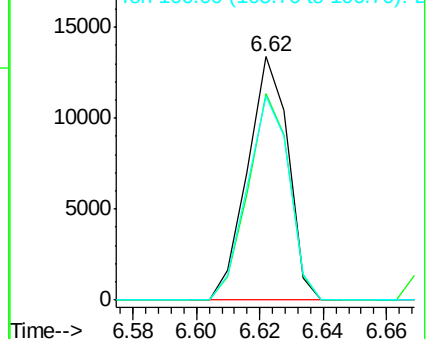
77 100

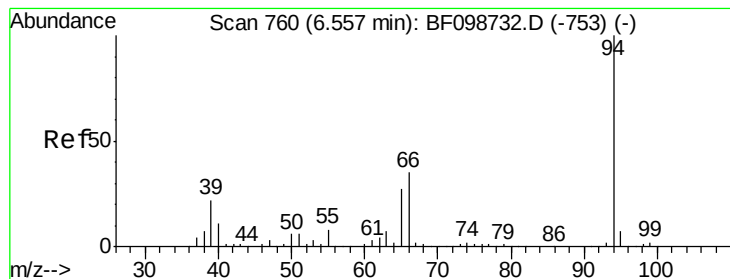
105 84.8 81.1 121.1

106 83.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.45 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

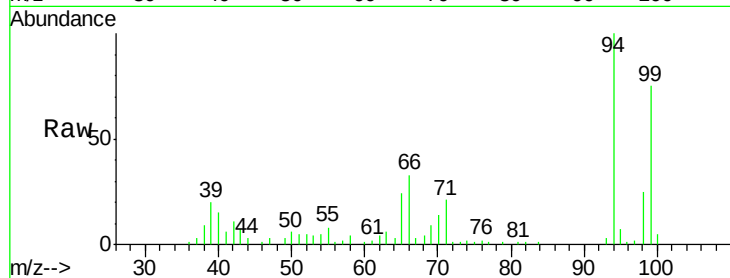
Tot Ion: 94 Resp: 34909

Ion Ratio Lower Upper

94 100

65 24.1 7.9 47.9

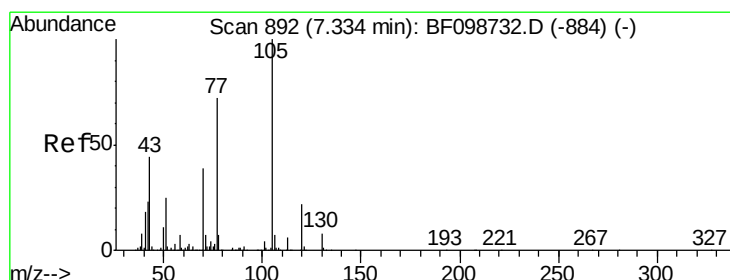
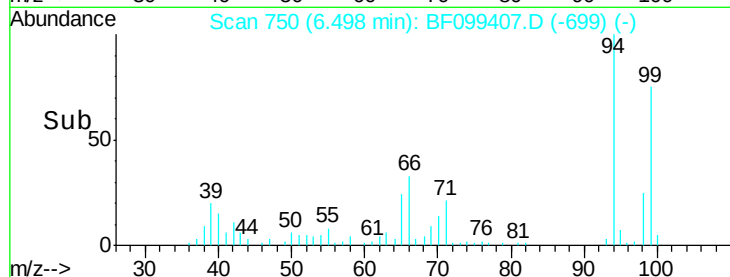
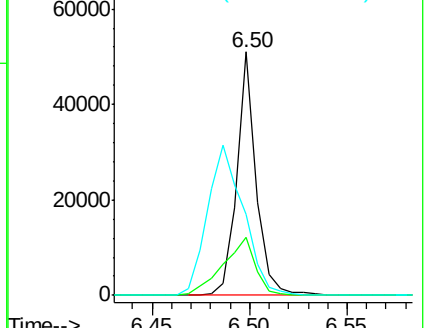
66 33.4 16.2 56.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.28 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Tgt Ion: 70 Resp: 53549

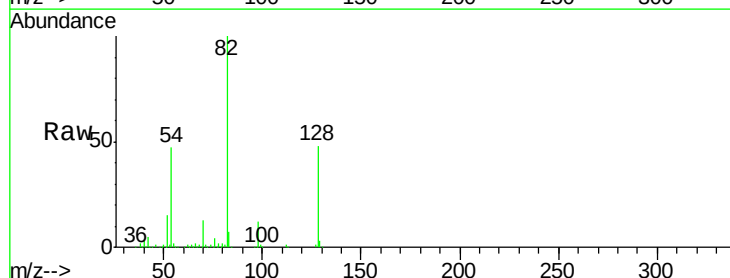
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

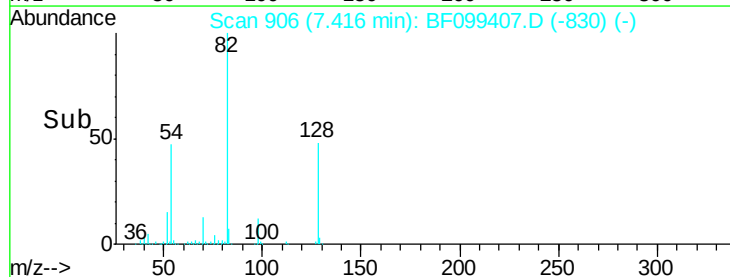
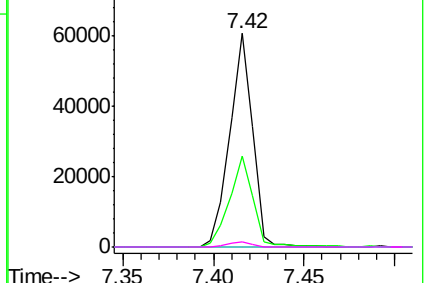


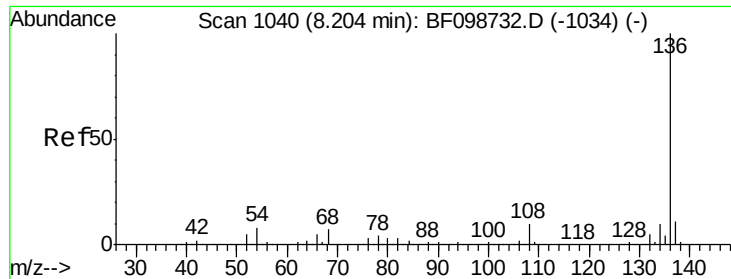
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

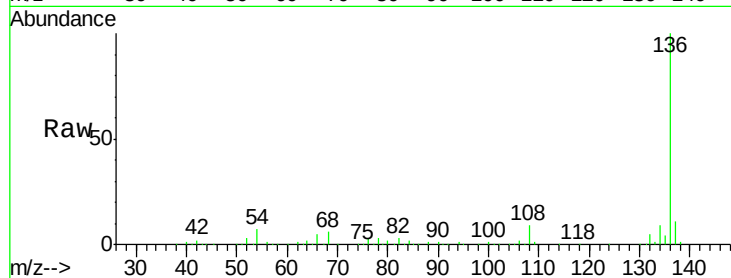




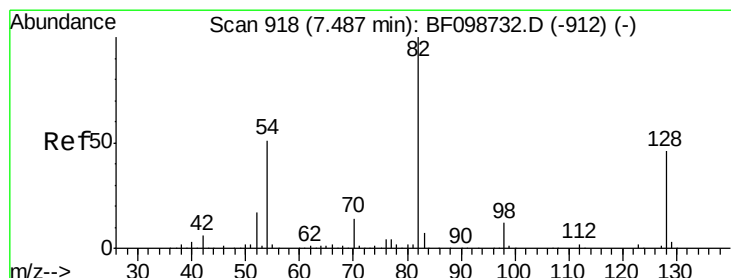
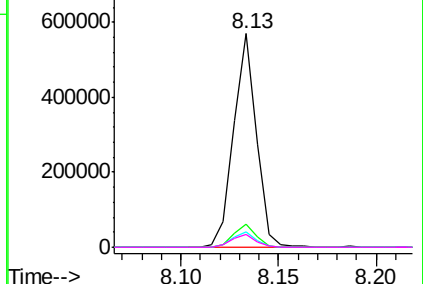
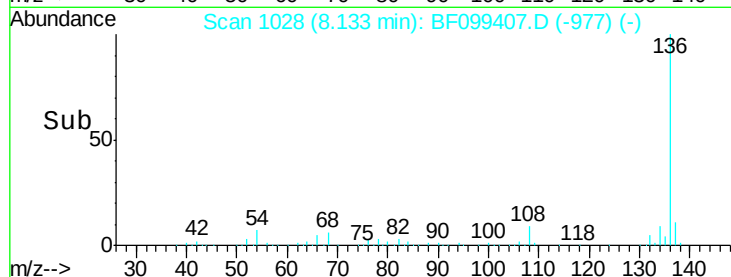
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	460682
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.1	6.6 9.8
68	6.0	5.0 7.4

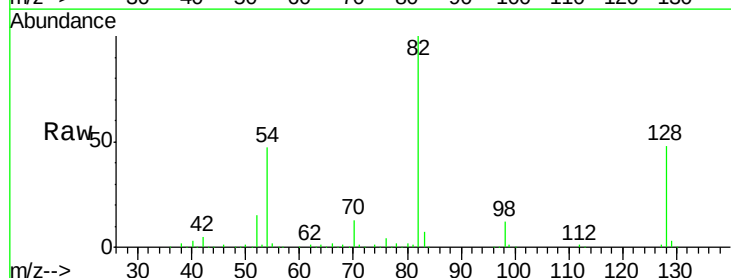


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

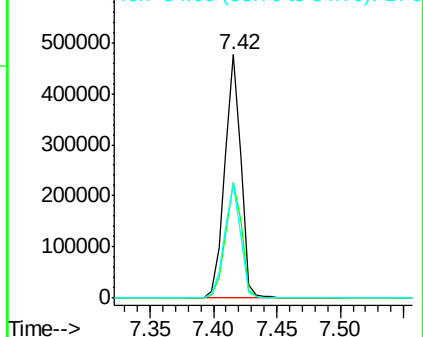
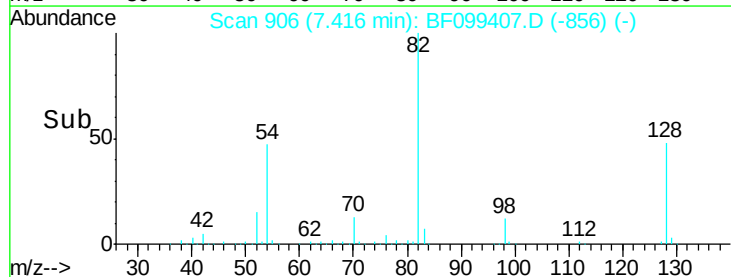


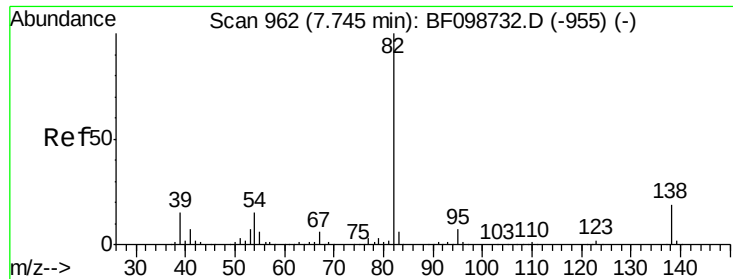
#23
Nitrobenzene-d5
Concen: 58.79 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Tgt Ion: 82	Resp:	422322
Ion Ratio	Lower	Upper
82	100	
128	47.6	36.1 54.1
54	47.1	41.4 62.2



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





#25

Isophorone

Concen: 28.44 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

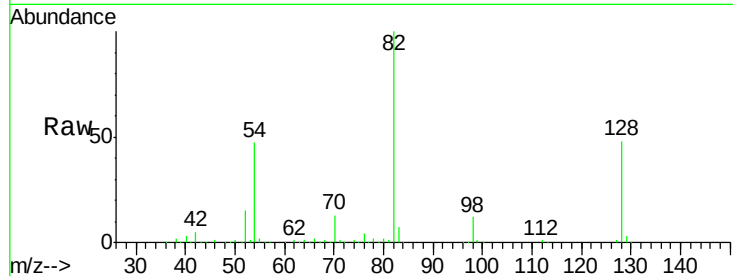
Tot Ion: 82 Resp: 422319

Ion Ratio Lower Upper

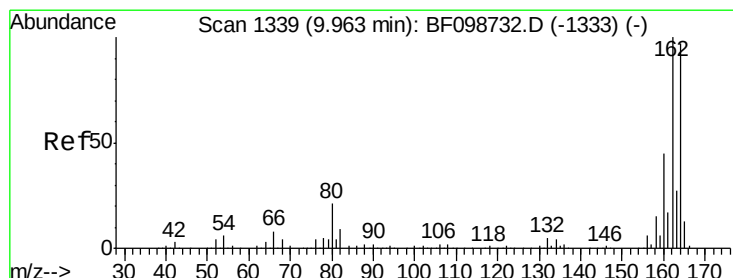
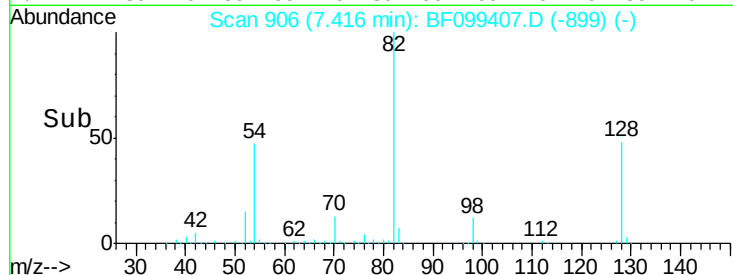
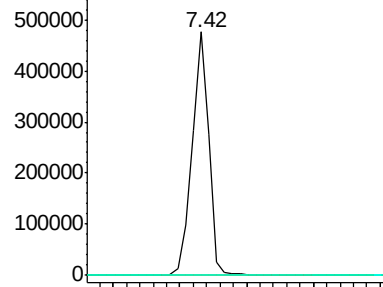
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

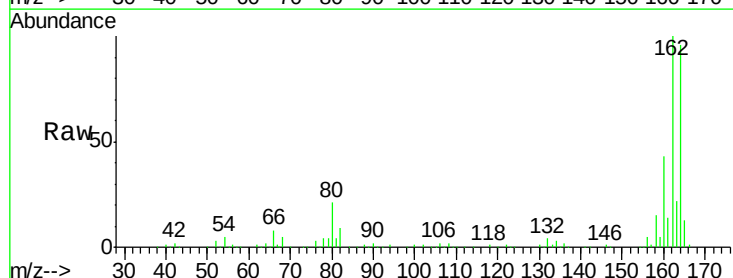
Tgt Ion:164 Resp: 183377

Ion Ratio Lower Upper

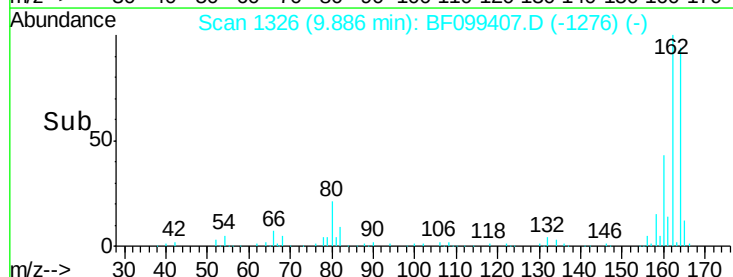
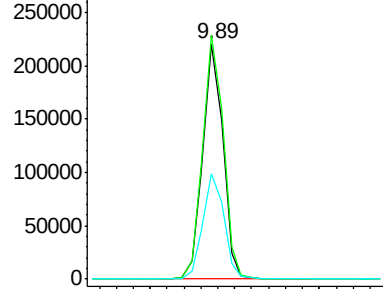
164 100

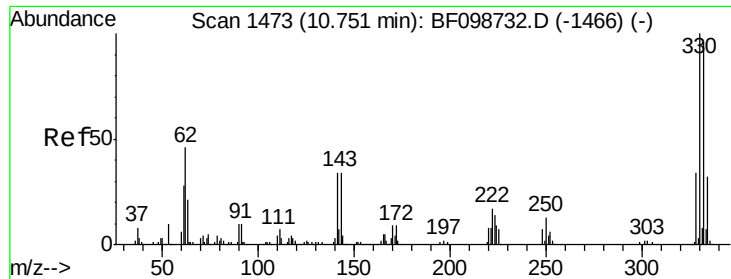
162 103.6 86.1 129.1

160 45.0 38.3 57.5



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

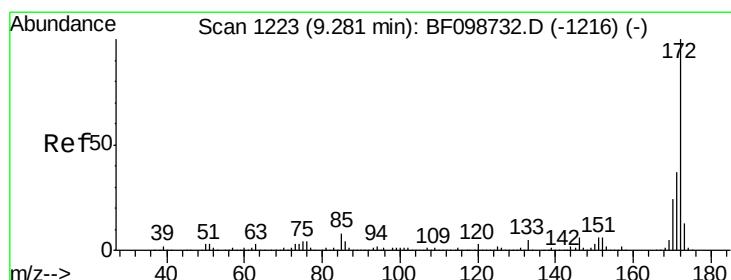
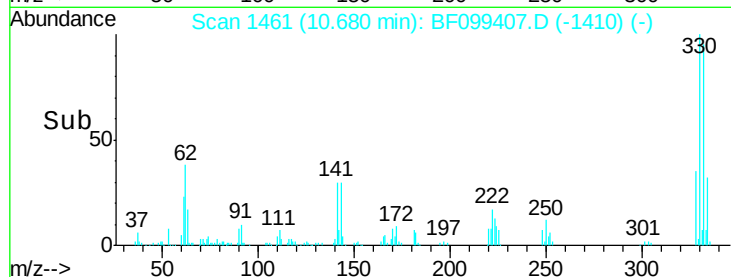
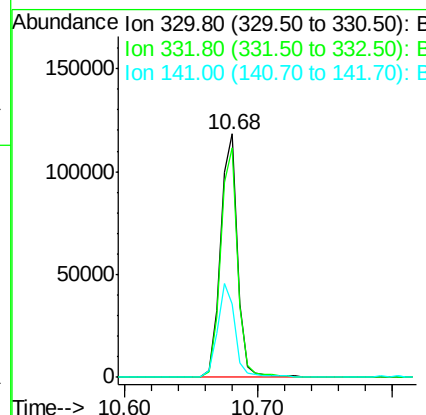
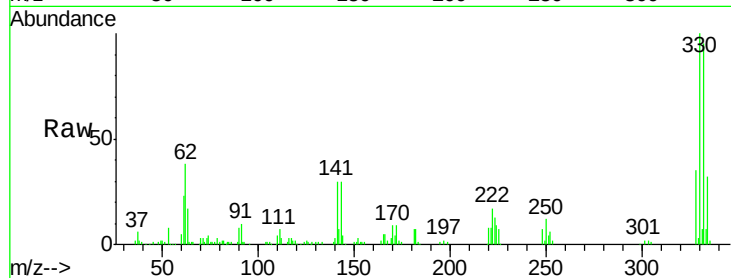




#41
 2,4,6-Tribromophenol
 Concen: 71.54 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

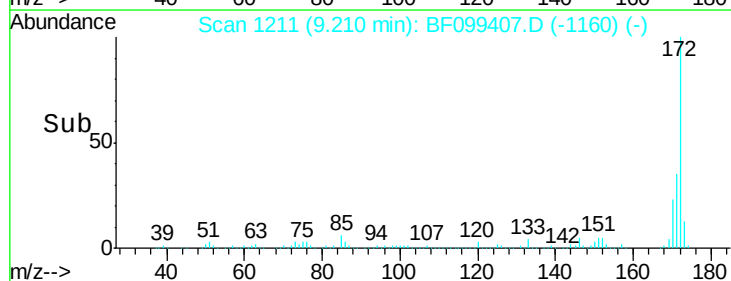
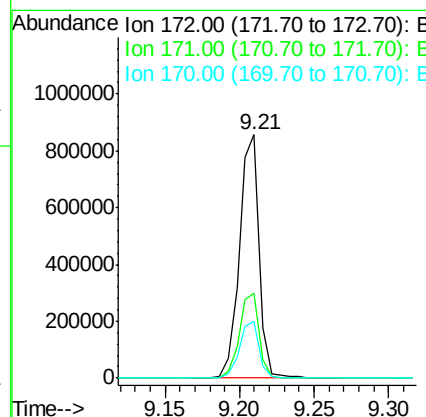
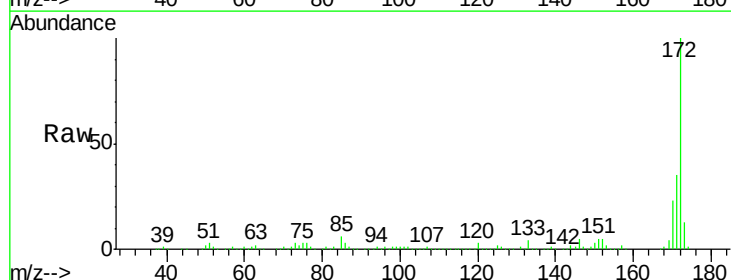
Instrument :
 BNA_F
 ClientSampleId :

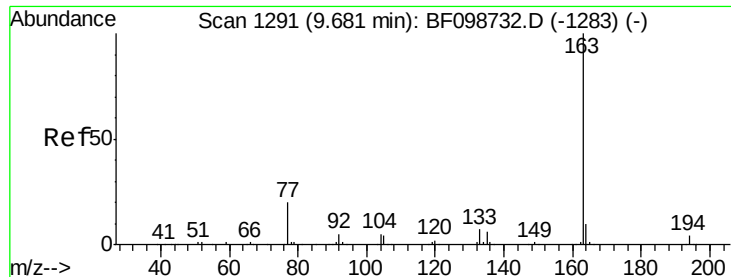
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	40.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.26 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.2	19.6	29.4

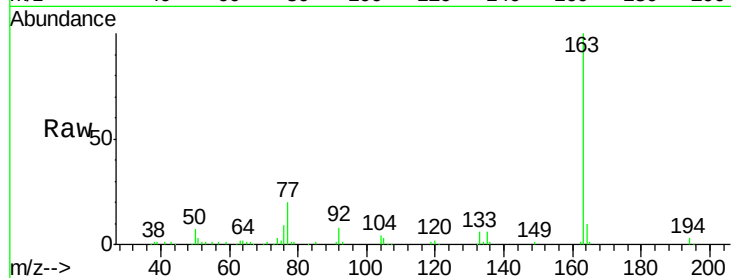




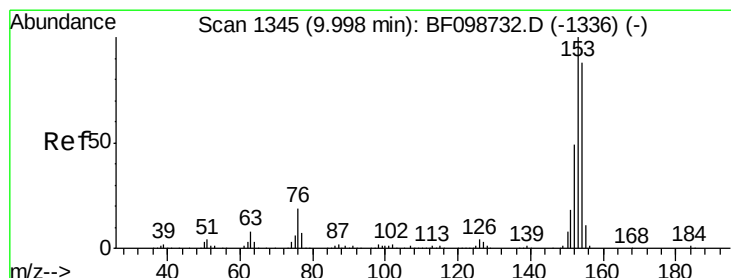
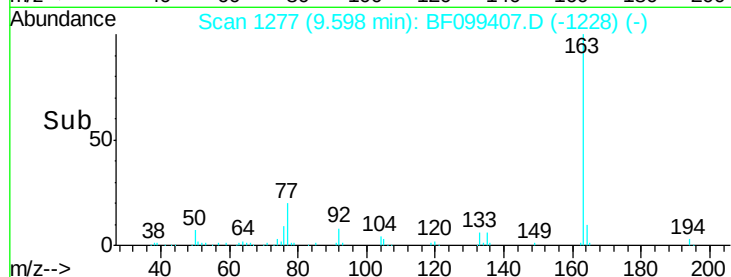
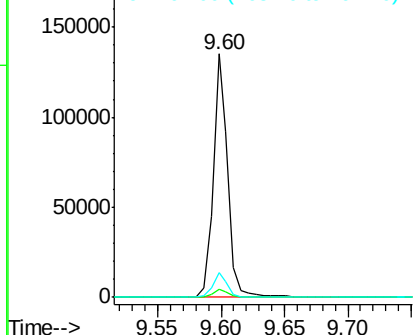
#49
Dimethylphthalate
Concen: 7.81 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 108059
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

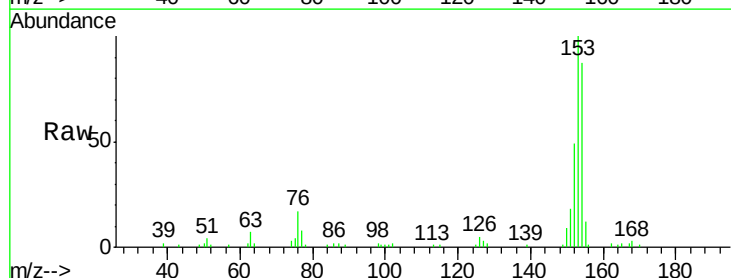


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

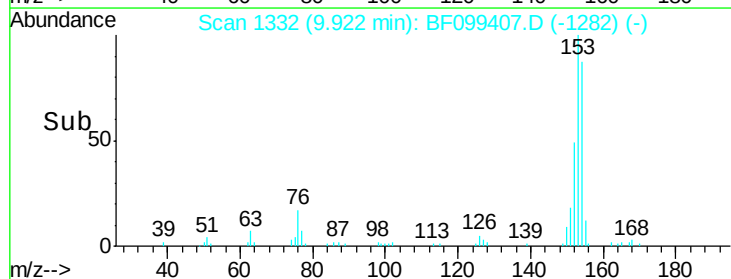
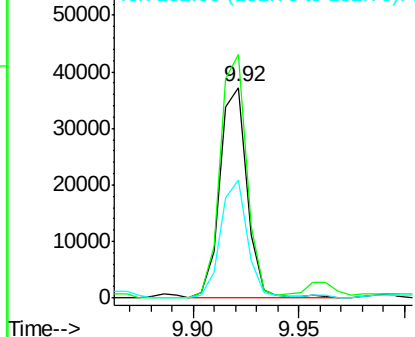


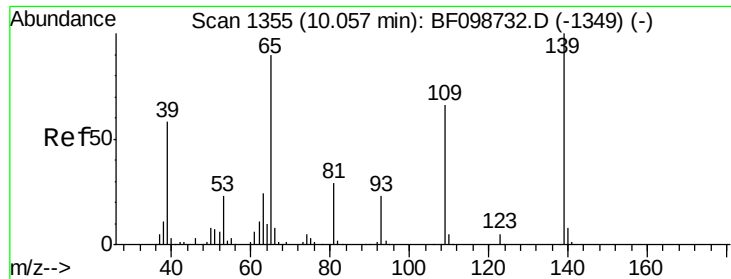
#51
Acenaphthene
Concen: 2.92 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Tgt Ion:154 Resp: 33502
Ion Ratio Lower Upper
154 100
153 115.4 91.2 136.8
152 56.0 43.8 65.8



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





#55

4-Nitrophenol

Concen: 3.46 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.08 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

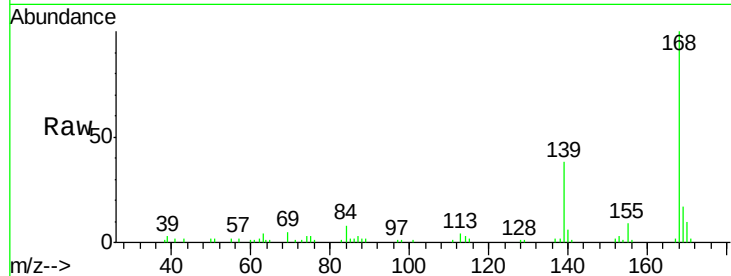
Tot Ion:139 Resp: 10275

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

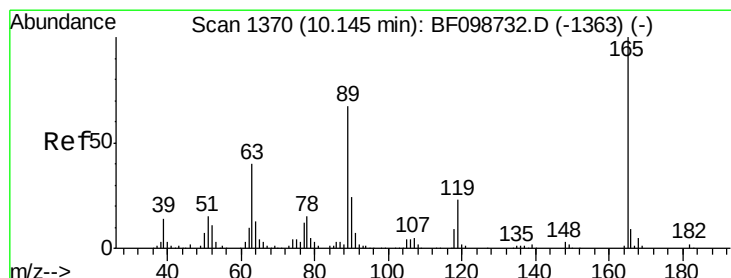
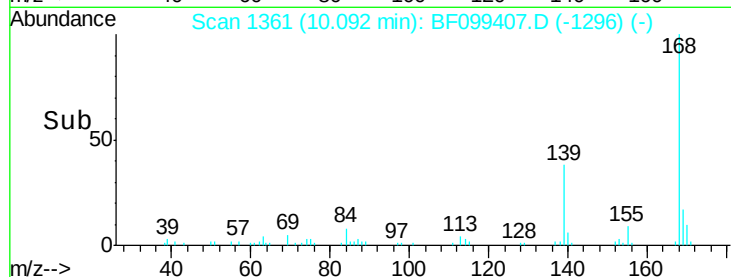
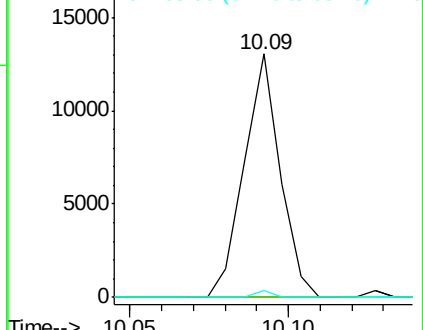
65 2.8 72.6 112.6#



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: 6.20 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Tgt Ion:165 Resp: 24260

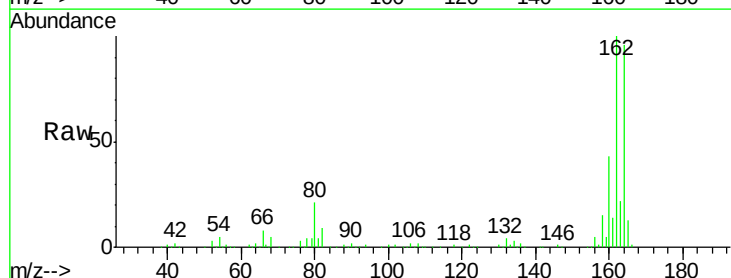
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

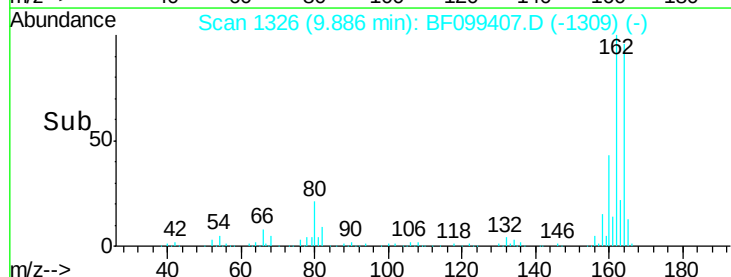
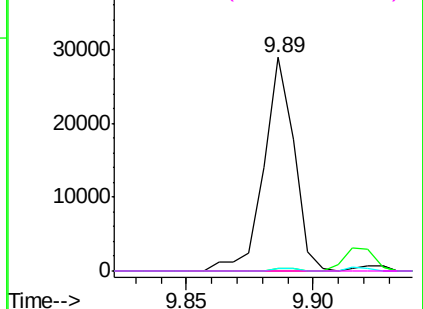


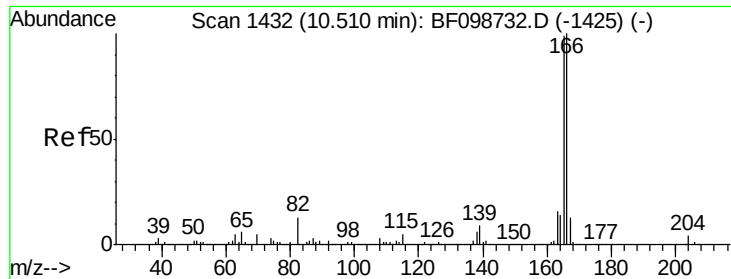
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

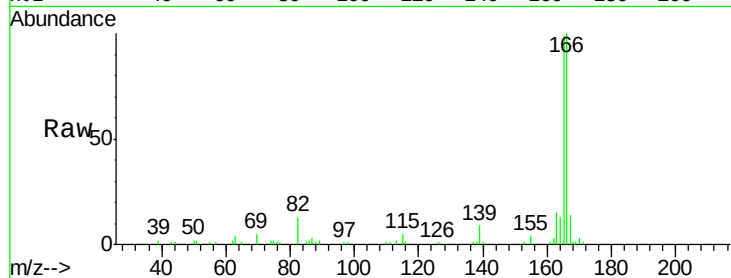




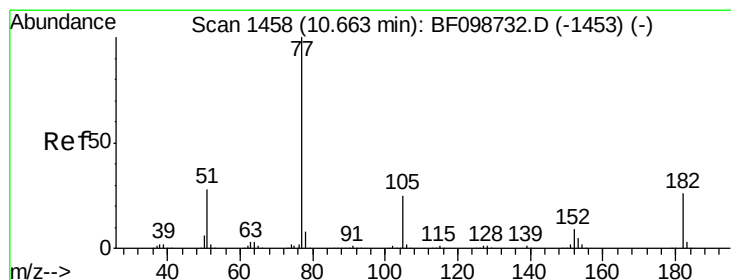
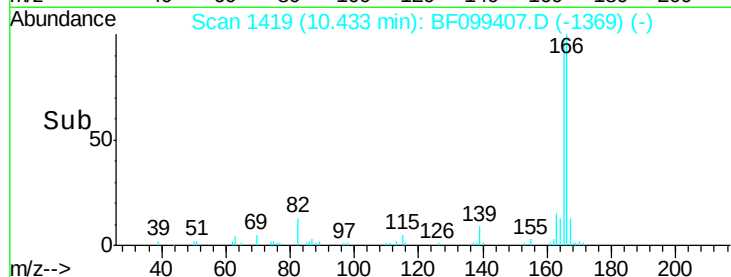
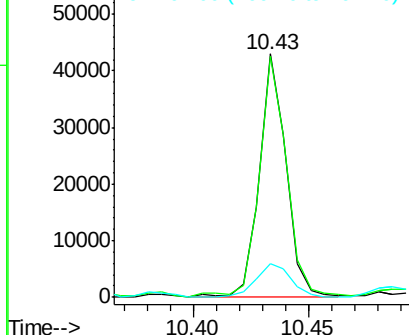
#57
 Fluorene
 Concen: 2.84 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 34888
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 14.0 10.6 16.0

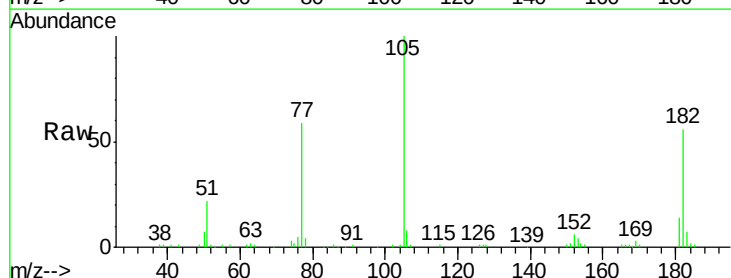


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

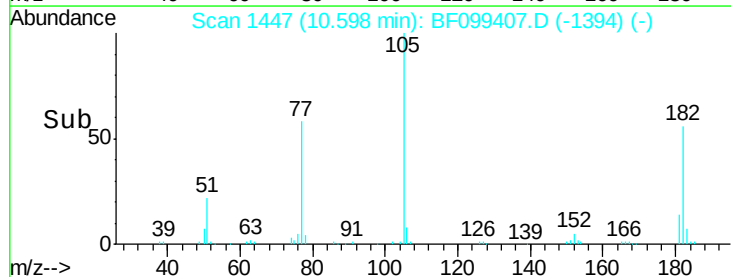
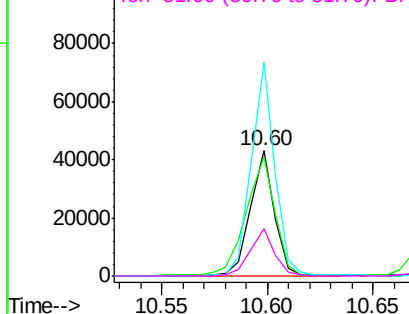


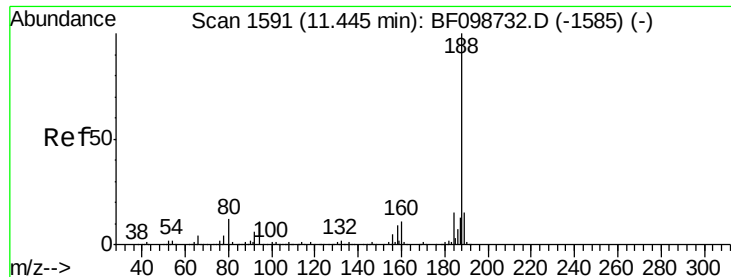
#62
 Azobenzene
 Concen: 2.77 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

Tgt Ion: 77 Resp: 34437
 Ion Ratio Lower Upper
 77 100
 182 95.3 1.7 41.7#
 105 170.7 3.0 43.0#
 51 37.7 9.9 49.9



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

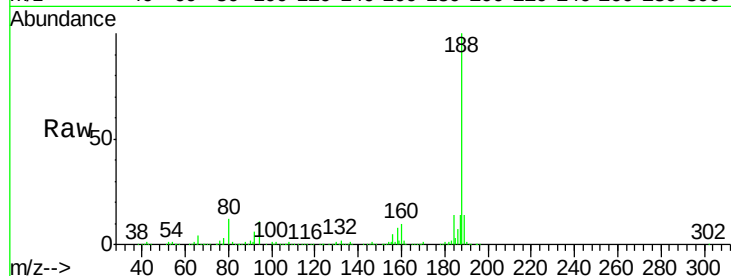




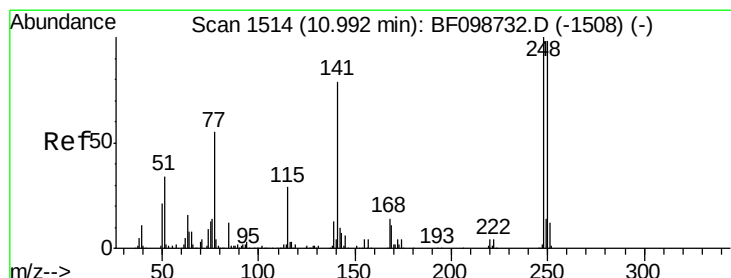
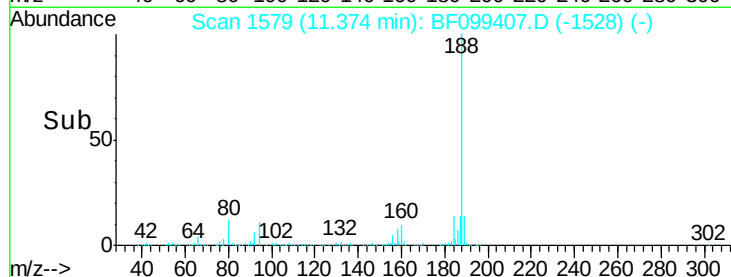
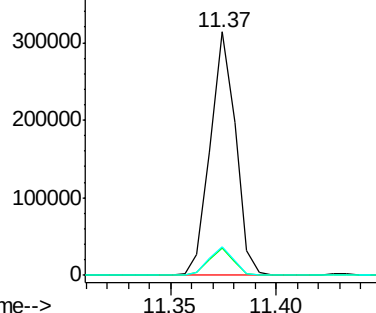
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 259452
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.2 13.8

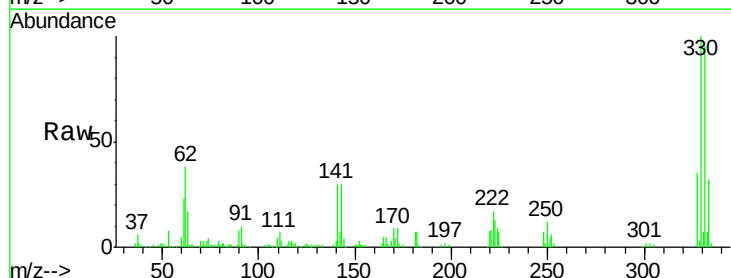


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

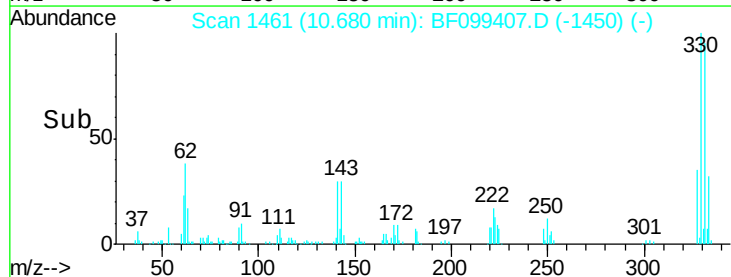
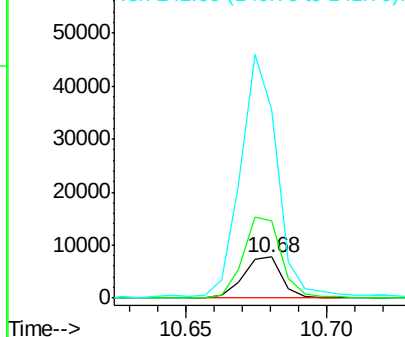


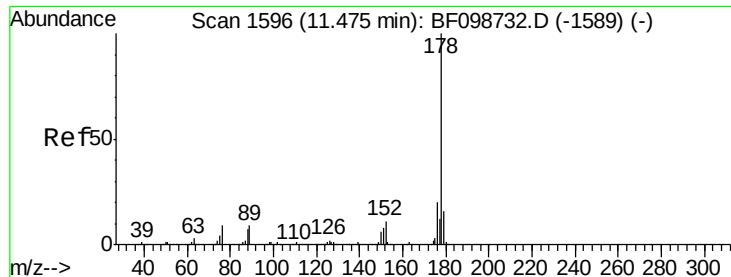
#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Tgt Ion:248 Resp: 7273
Ion Ratio Lower Upper
248 100
250 186.5 76.9 115.3#
141 459.3 74.4 111.6#



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





#70

Phenanthrene

Concen: 35.96 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

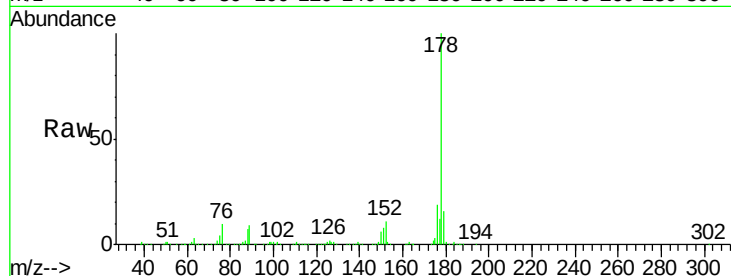
Tot Ion:178 Resp: 499442

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

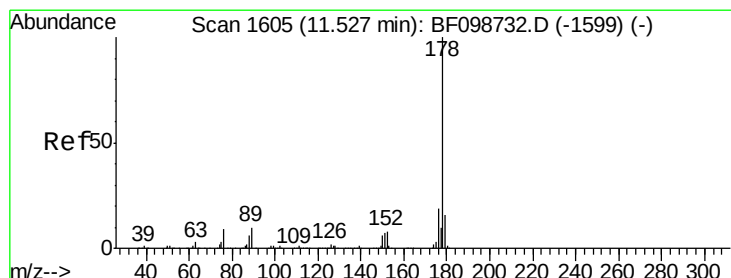
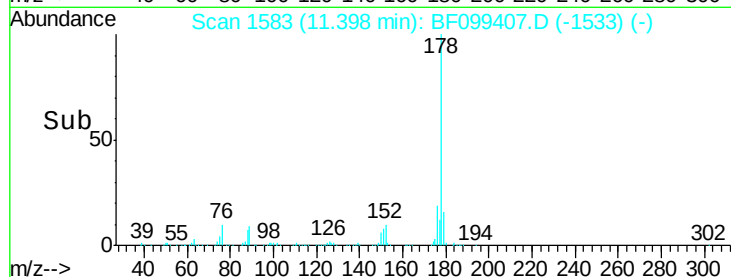
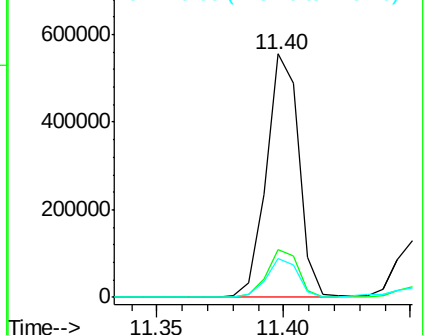
179 15.8 13.0 19.6



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: 7.25 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

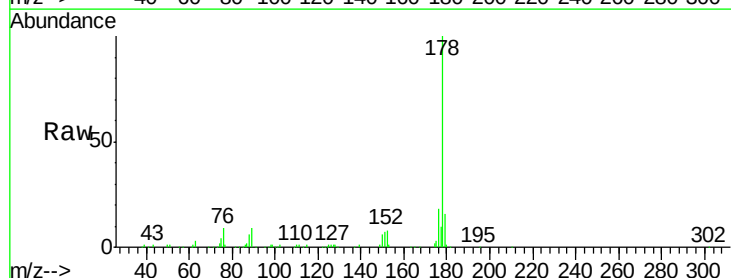
Tgt Ion:178 Resp: 103005

Ion Ratio Lower Upper

178 100

176 17.7 15.4 23.2

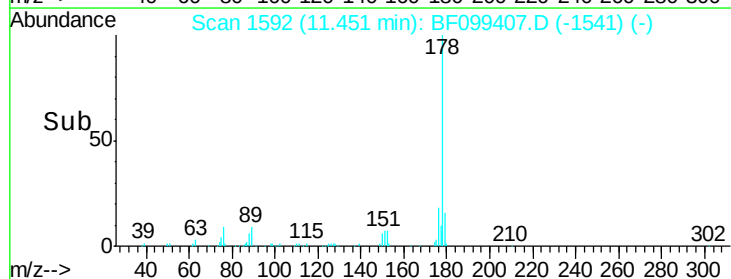
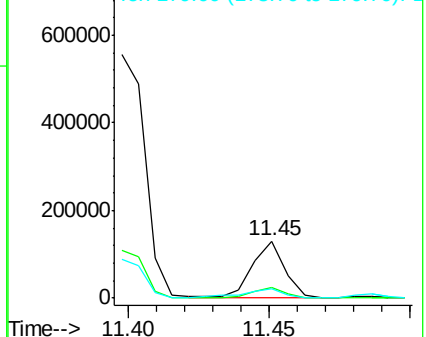
179 15.8 12.6 19.0

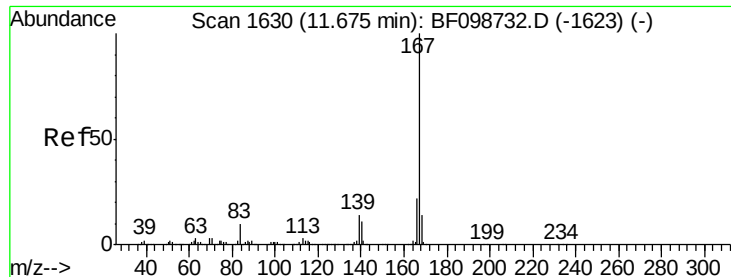


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

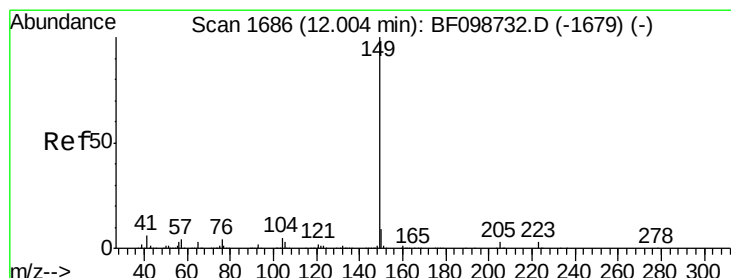
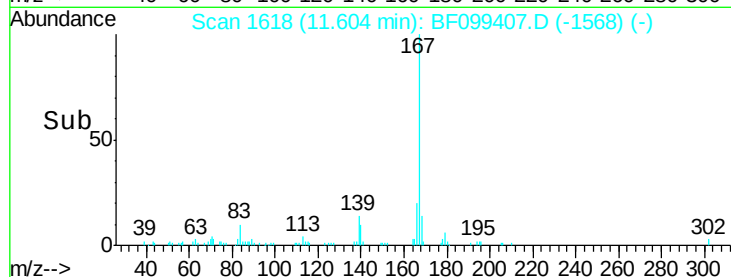
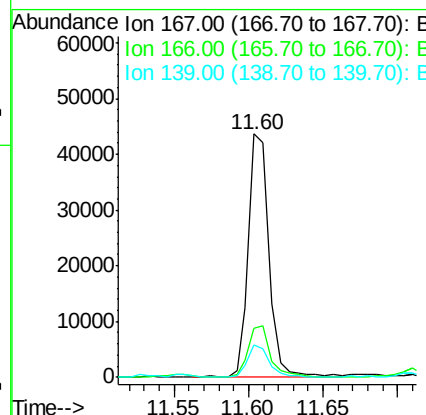
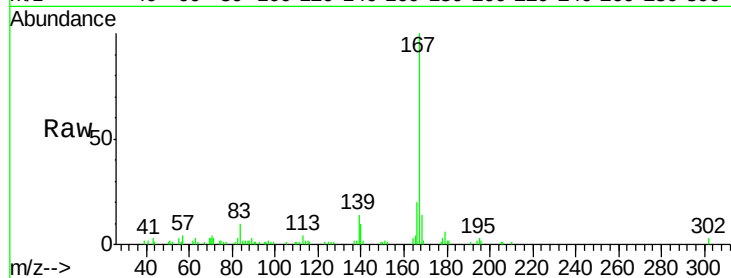




#72
 Carbazole
 Concen: 3.04 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

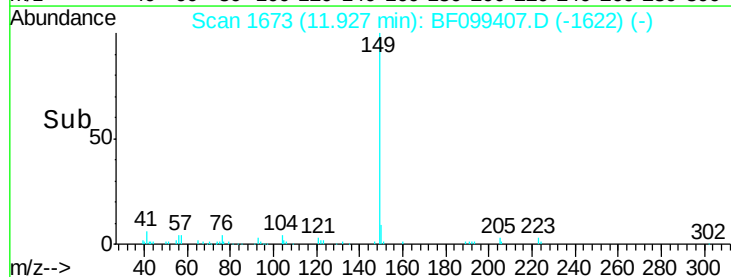
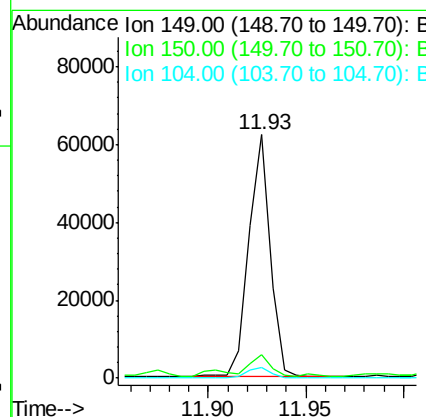
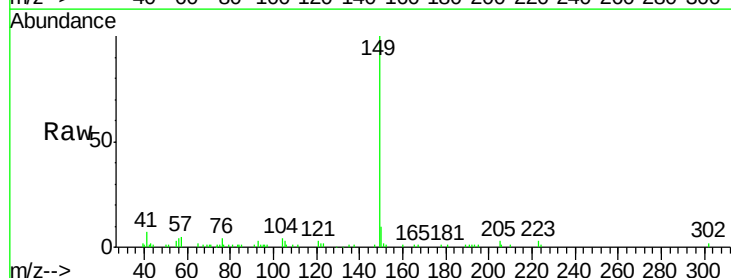
Instrument :
 BNA_F
 ClientSampleId :

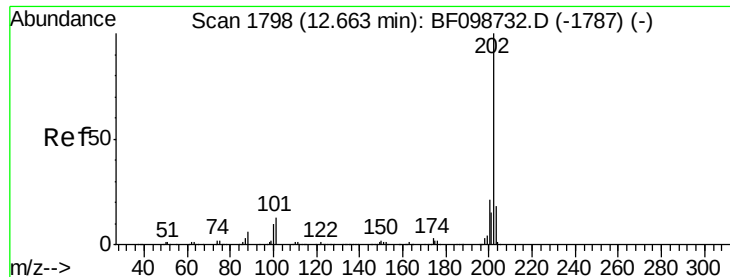
Tot Ion:167 Resp: 42294
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.6 26.4
 139 13.6 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 2.83 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

Tgt Ion:149 Resp: 47467
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 4.3 3.8 5.8





#74

Fluoranthene

Concen: 38.51 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

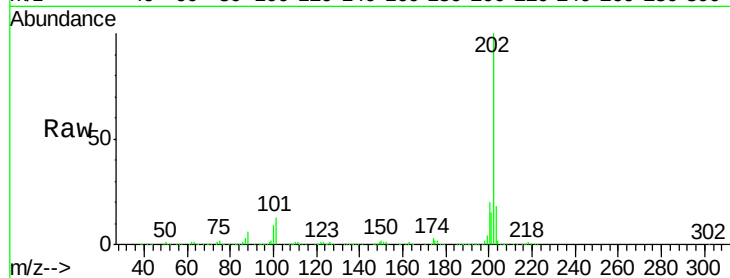
Tot Ion:202 Resp: 541570

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

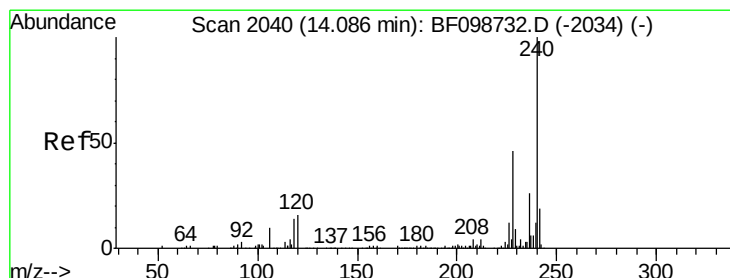
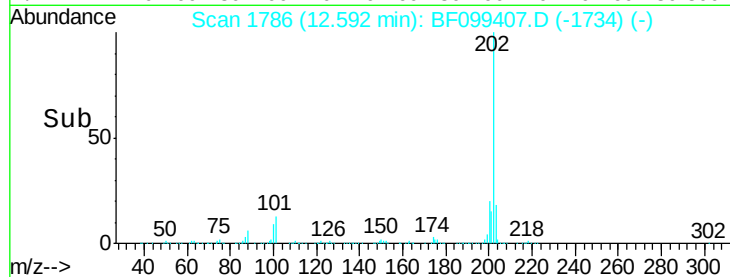
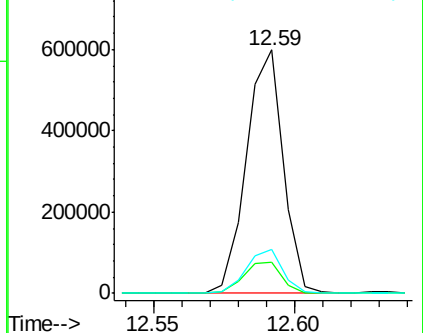
203 17.9 0.0 38.1



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: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099407.D

Acq: 12 Oct 2017 21:00

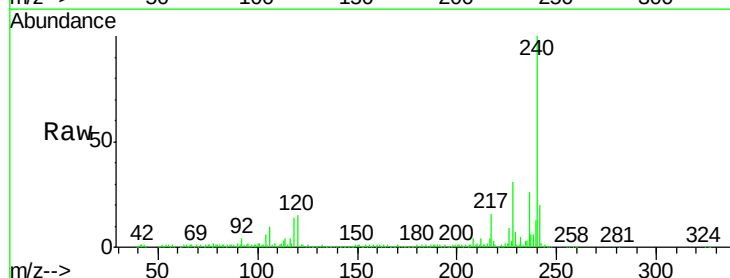
Tgt Ion:240 Resp: 217233

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

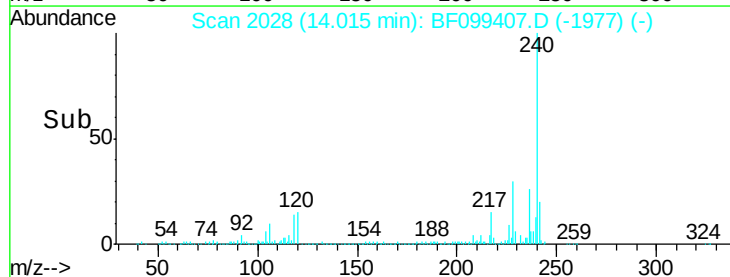
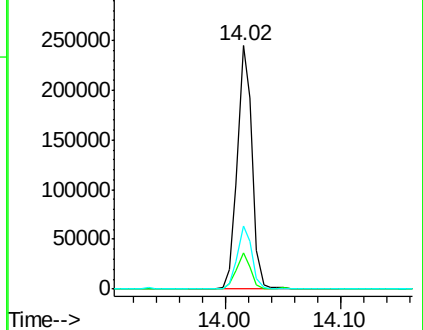
236 25.9 20.7 31.1

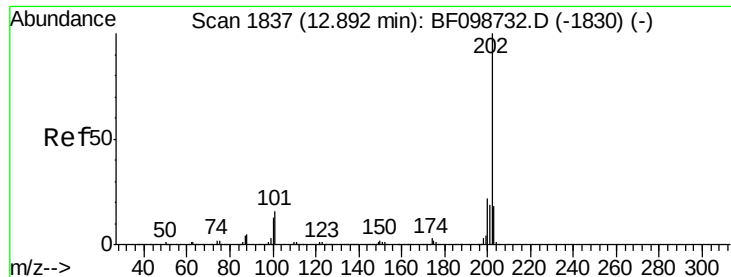


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

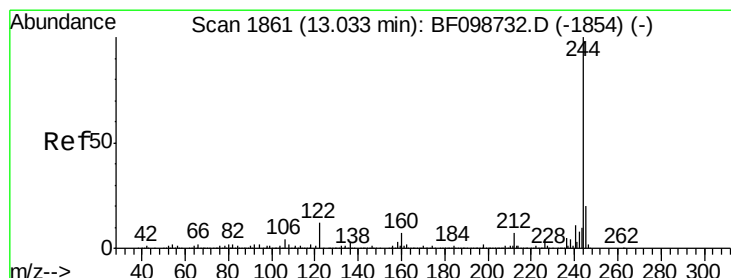
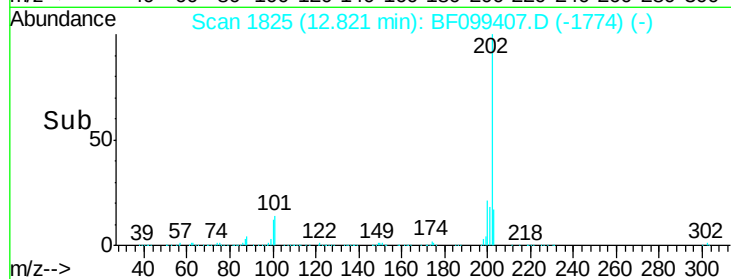
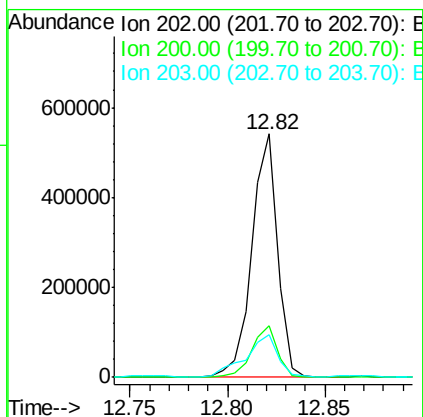
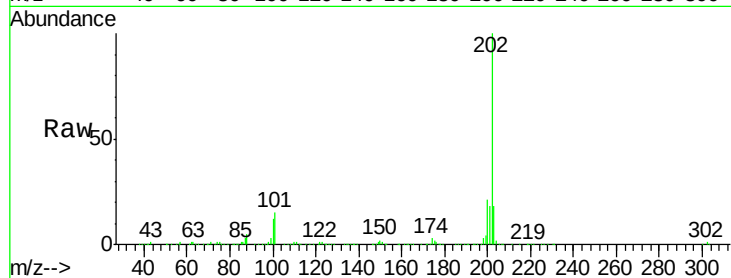




#77
Pvrene
Concen: 29.71 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

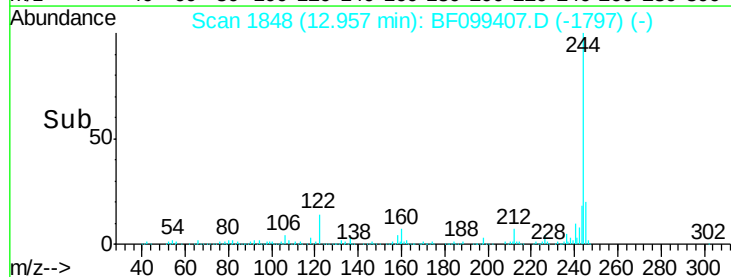
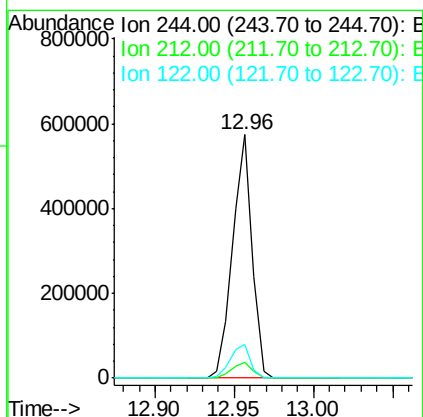
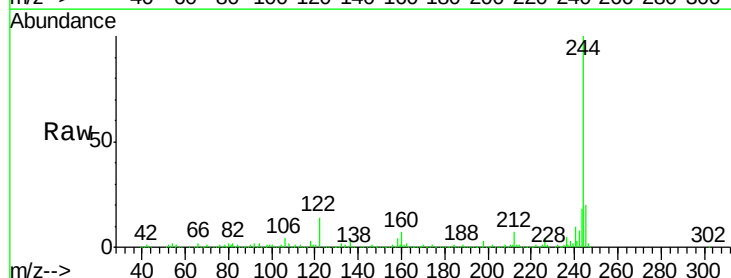
Instrument :
BNA_F
ClientSampleId :

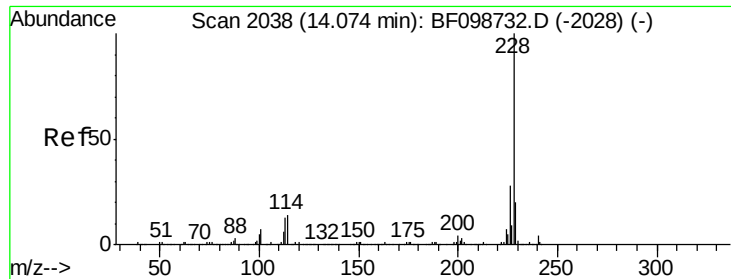
Tot Ion:202 Resp: 492071
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 51.30 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Tgt Ion:244 Resp: 489973
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 13.6 11.0 16.4

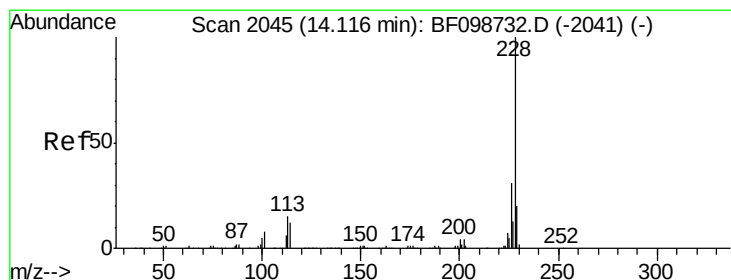
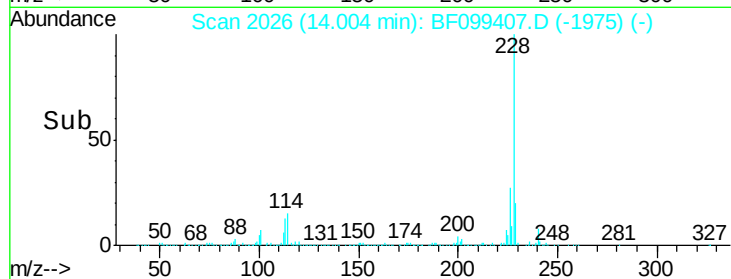
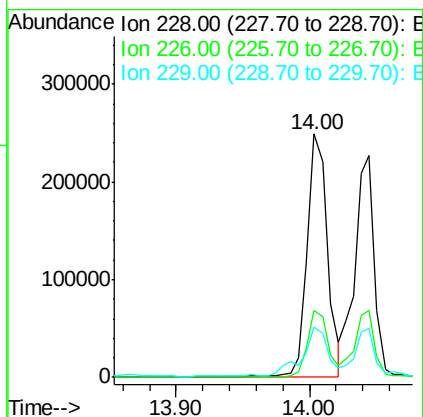
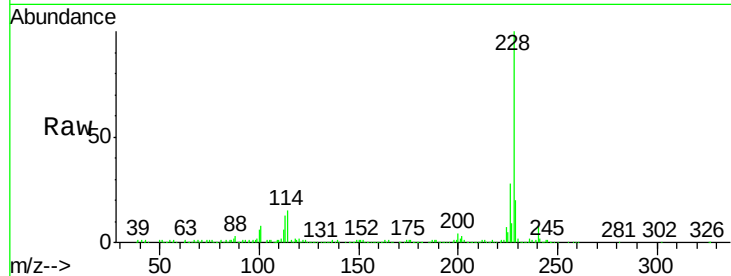




#80
Benzo(a)anthracene
Concen: 19.55 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

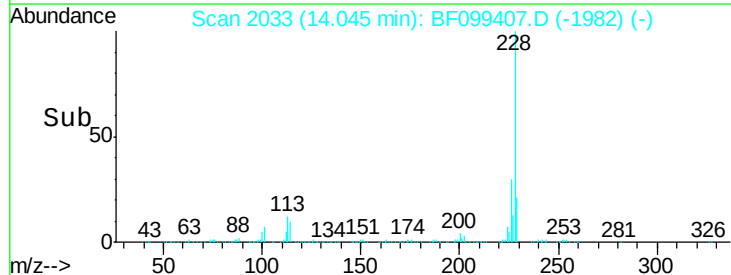
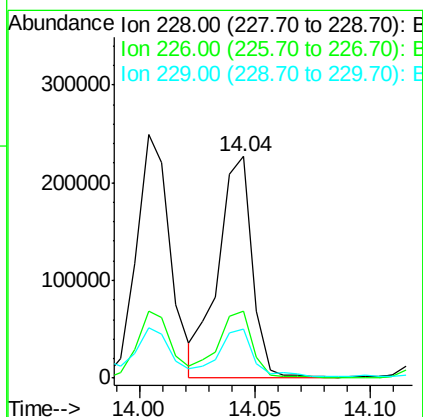
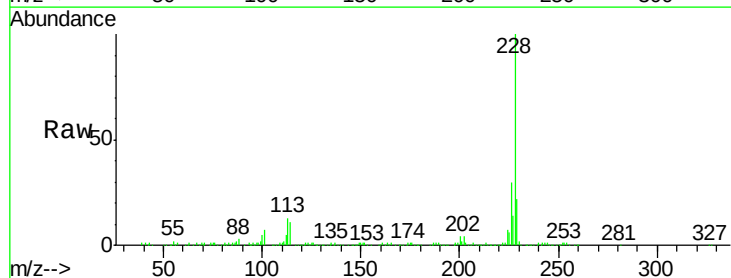
Instrument :
BNA_F
ClientSampleId :

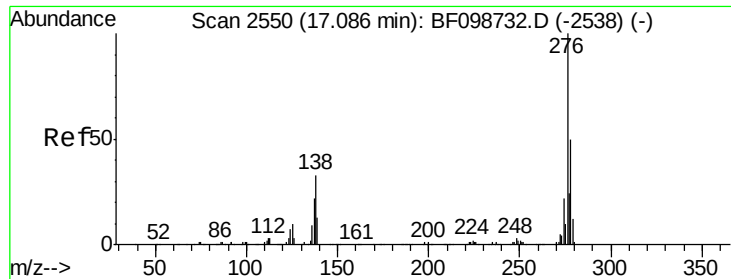
Tot Ion:228 Resp: 257133
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.5 15.8 23.6



#82
Chrysene
Concen: 18.55 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Tgt Ion:228 Resp: 232257
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 21.9 16.2 24.4

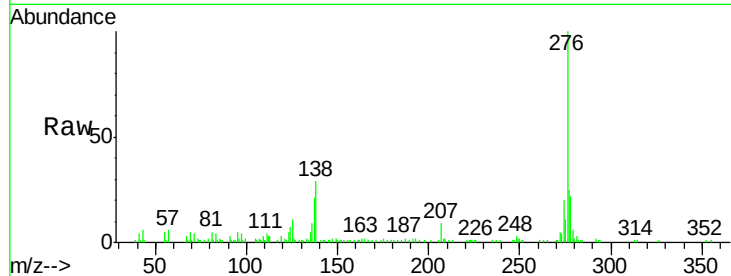




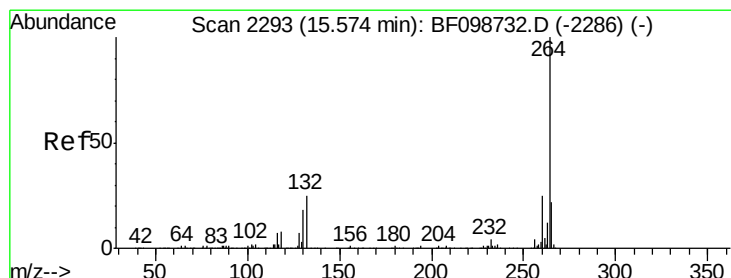
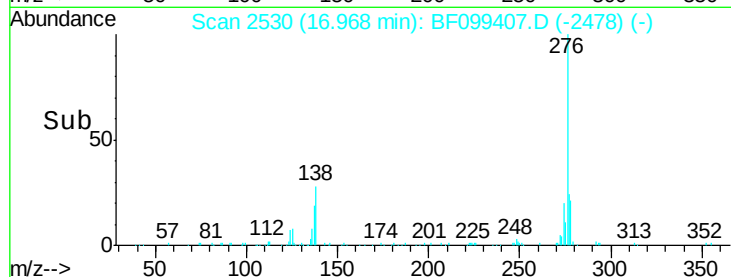
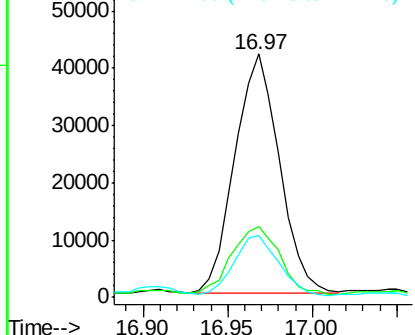
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.71 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	25.0	20.1	30.1

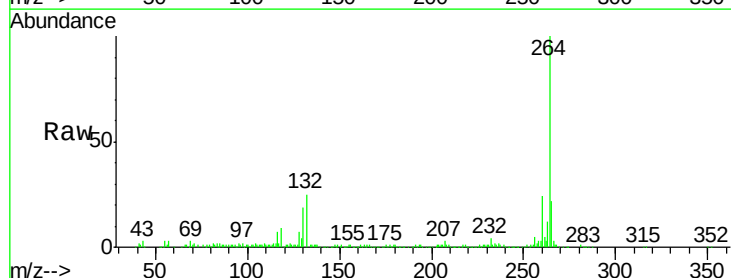


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

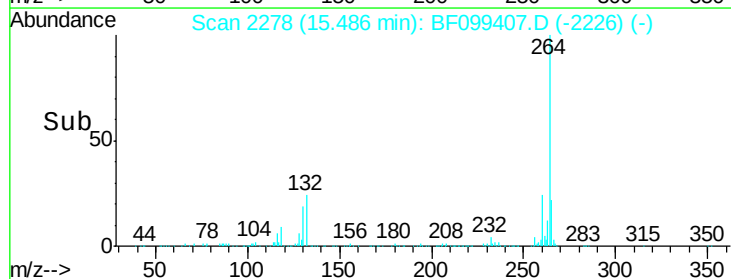
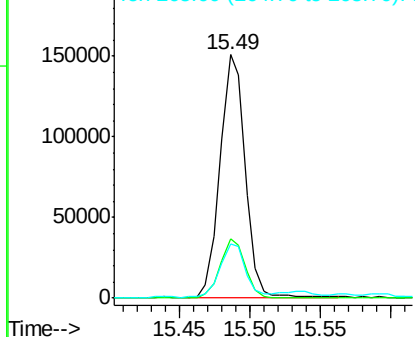


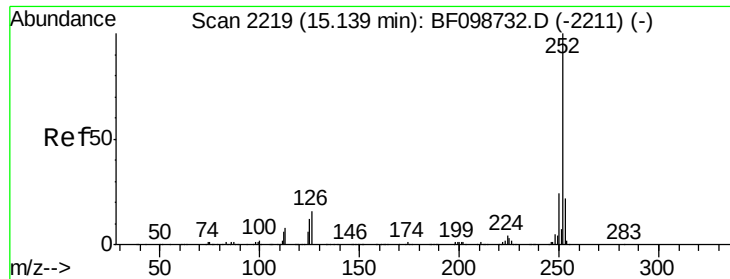
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3



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

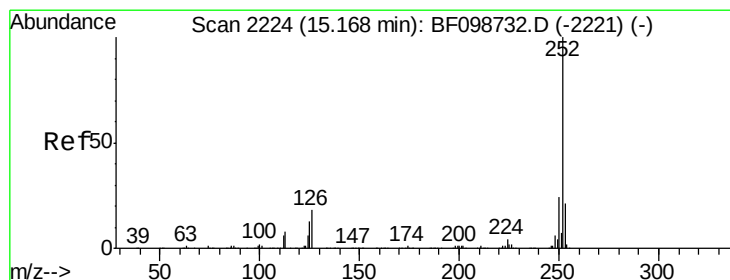
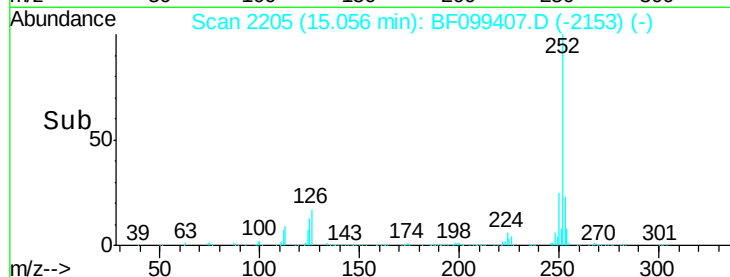
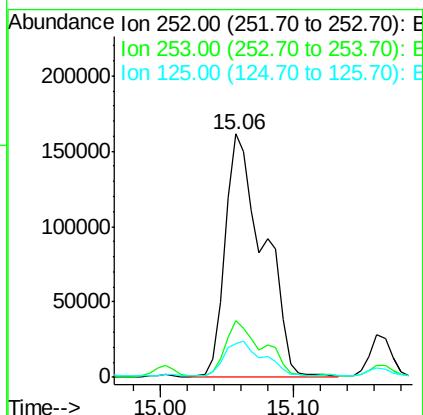
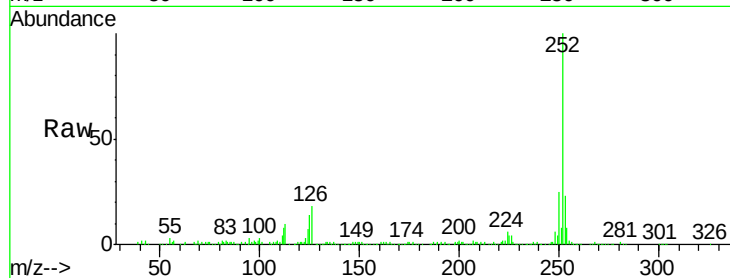




#87
Benzo(b)fluoranthene
Concen: 27.85 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

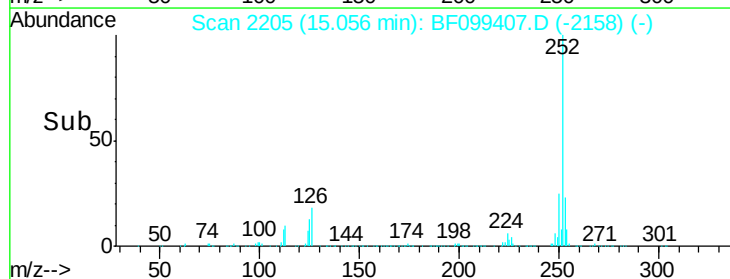
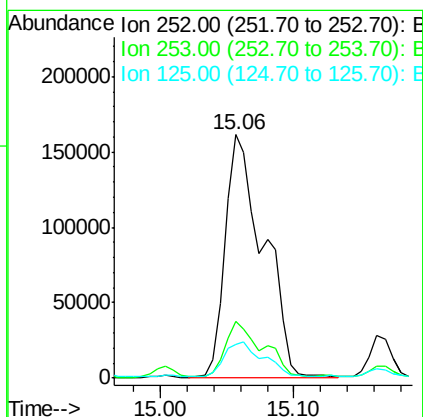
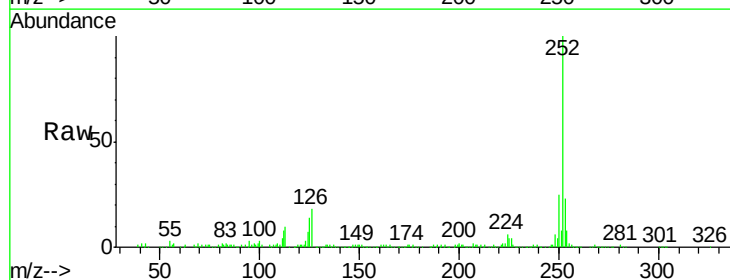
Instrument :
BNA_F
ClientSampleId :

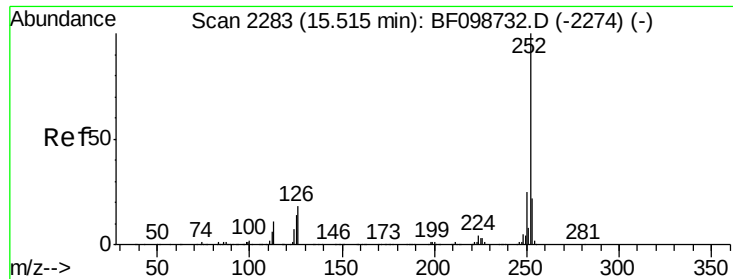
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.9	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 28.19 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.9	10.2	15.2

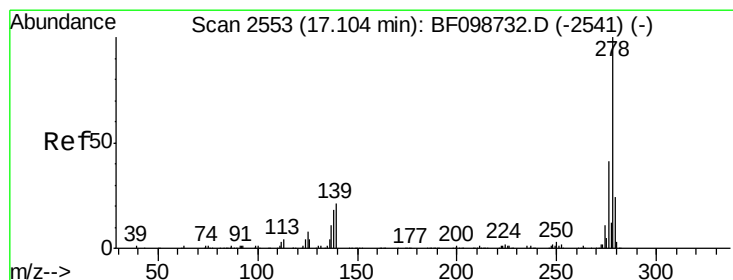
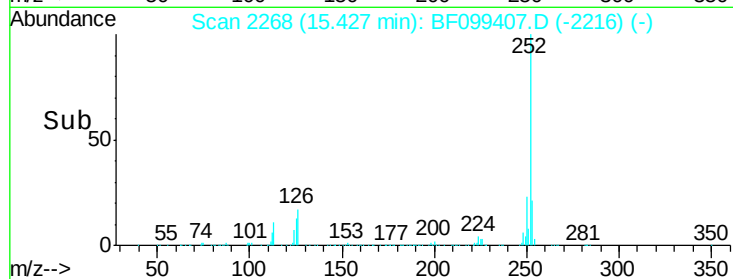
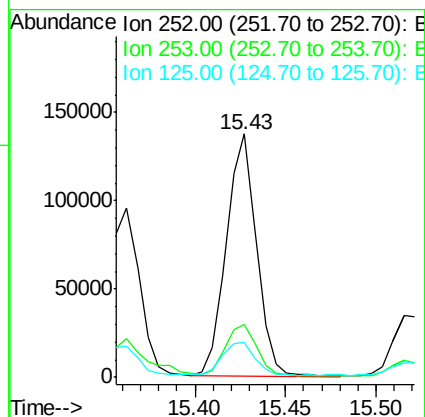
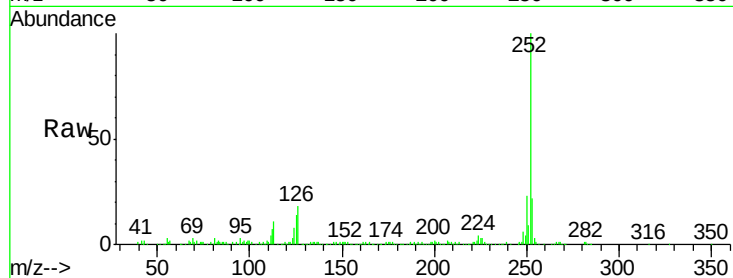




#89
Benzo(a)pyrene
Concen: 15.01 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

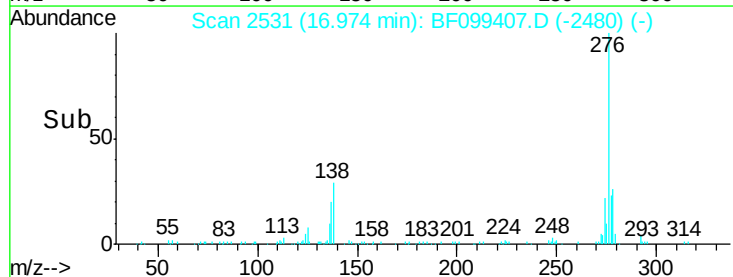
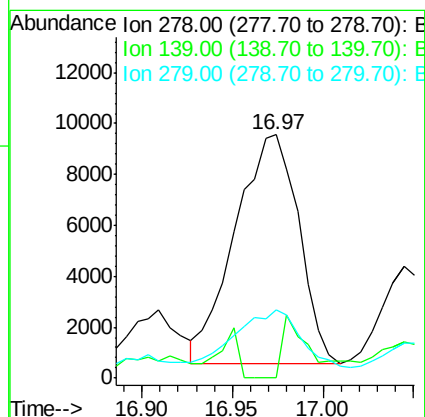
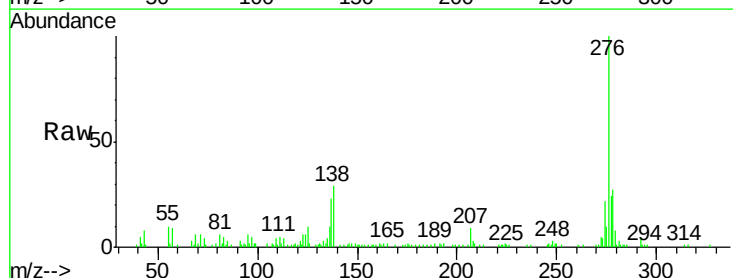
Instrument :
BNA_F
ClientSampleId :

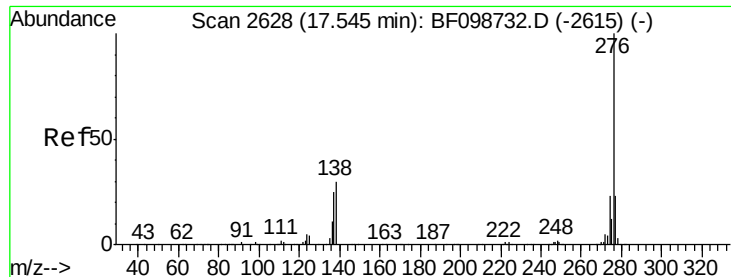
Tot Ion:252 Resp: 159708
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 2.56 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF099407.D
Acq: 12 Oct 2017 21:00

Tgt Ion:278 Resp: 21813
Ion Ratio Lower Upper
278 100
139 0.0 15.9 23.9#
279 27.9 19.0 28.4

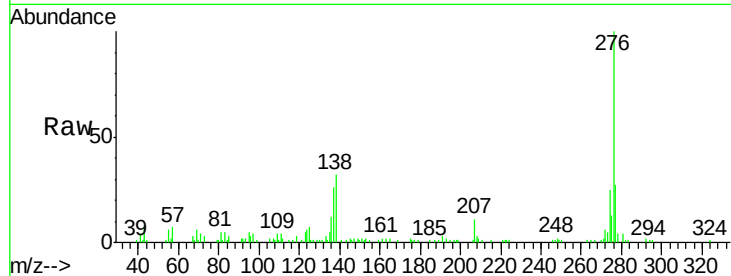




#91
 Benzo(a,h,i)perylene
 Concen: 8.78 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.01 min
 Lab File: BF099407.D
 Acq: 12 Oct 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9
138	32.1	21.8	32.8



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

