

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099622.D
 Acq On : 18 Oct 2017 17:32
 Operator : SJ/JU
 Sample : I5834-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 22:13:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	110018	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	466838	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	214328	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	366378	20.00	ng	0.00
75) Chrysene-d12	13.99	240	215580	20.00	ng	0.00
86) Perylene-d12	15.46	264	213705	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	615834	89.11	ng	0.00
7) Phenol-d6	6.47	99	751986	88.20	ng	-0.01
23) Nitrobenzene-d5	7.39	82	445662	61.22	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	157348	89.72	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	748075	58.27	ng	0.00
78) Terphenyl-d14	12.93	244	551801	58.21	ng	0.00

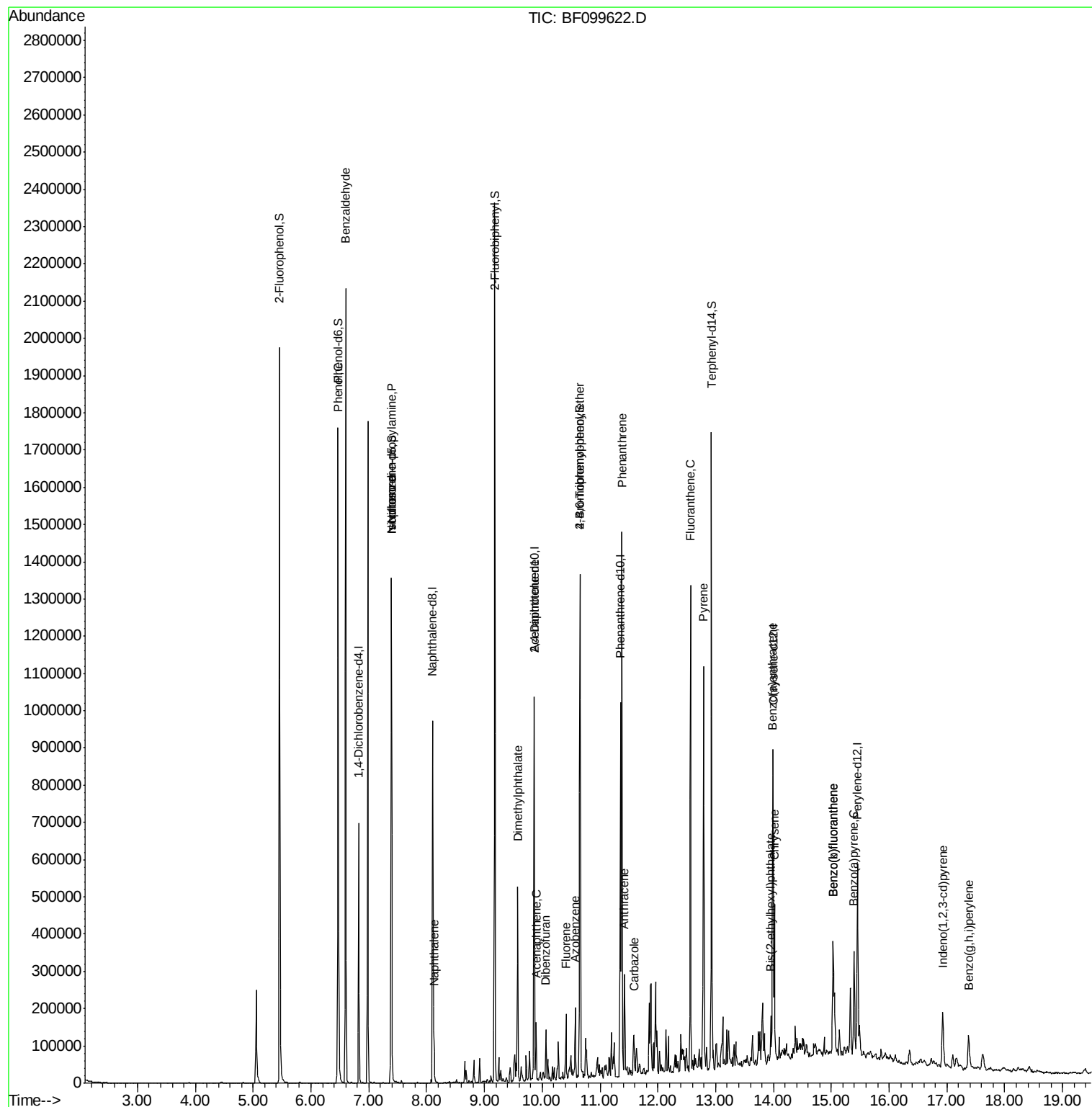
Target Compounds				Qvalue		
9) Benzaldehyde	6.60	77	11671	2.360	ng	90
10) Phenol	6.48	94	46224	4.848	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	56767	10.429	ng	# 72
25) Isophorone	7.39	82	445658	29.611	ng	# 64
31) Naphthalene	8.13	128	58688	2.677	ng	99
49) Dimethylphthalate	9.57	163	190482	11.775	ng	99
51) Acenaphthene	9.89	154	30634	2.284	ng	100
54) Dibenzofuran	10.06	168	41148	2.304	ng	98
56) 2,4-Dinitrotoluene	9.86	165	28931	6.330	ng	# 23
57) Fluorene	10.41	166	51032	3.556	ng	98
62) Azobenzene	10.57	77	29981	2.063	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	10520	2.933	ng	# 1
70) Phenanthrene	11.37	178	511364	26.075	ng	98
71) Anthracene	11.42	178	108065	5.385	ng	99
72) Carbazole	11.59	167	41936	2.134	ng	98
74) Fluoranthene	12.56	202	480093	24.176	ng	99
77) Pyrene	12.79	202	415612	25.282	ng	99
80) Benzo(a)anthracene	13.98	228	170726	13.079	ng	99
82) Chrysene	14.02	228	147892	11.900	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	33379	3.138	ng	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	70772	7.119	ng	97
87) Benzo(b)fluoranthene	15.03	252	224269	17.068	ng	# 96
88) Benzo(k)fluoranthene	15.03	252	224269	17.281	ng	99
89) Benzo(a)pyrene	15.39	252	126693	10.504	ng	# 93
91) Benzo(g,h,i)perylene	17.37	276	67378	7.062	ng	93

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

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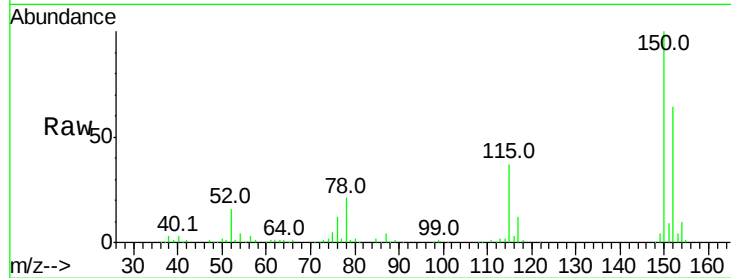


#1

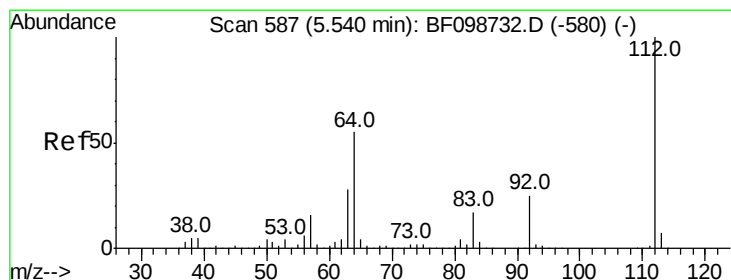
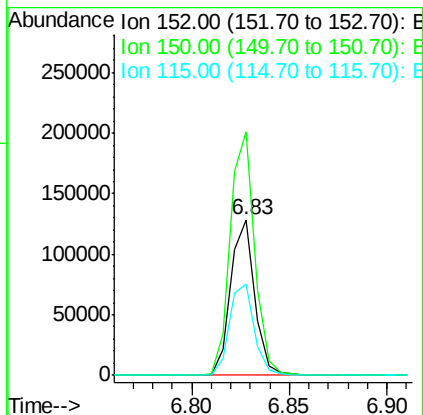
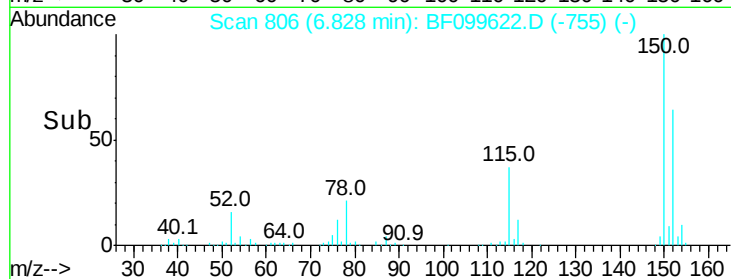
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099622.D
 Acq: 18 Oct 2017 17:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 110018
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 58.4 50.1 75.1



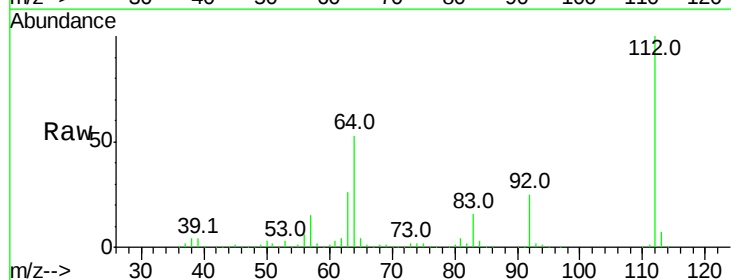
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



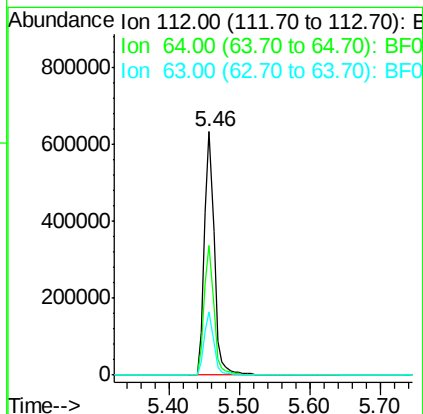
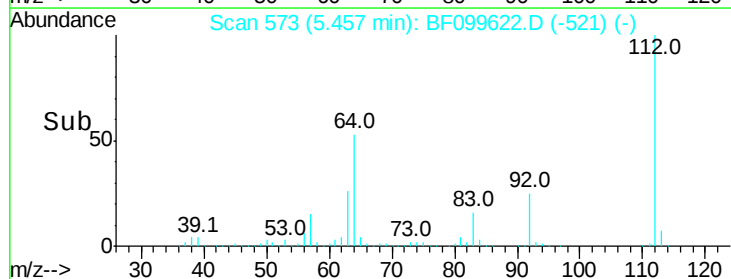
#5

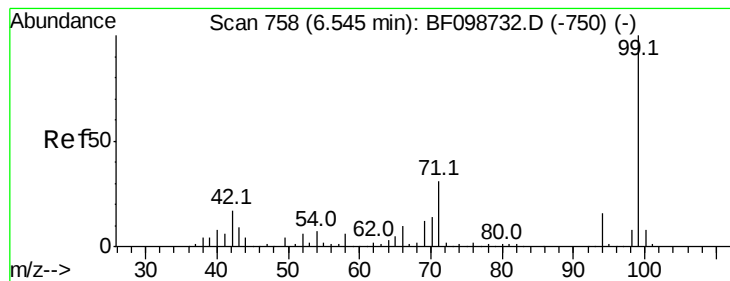
2-Fluorophenol
 Concen: 89.108 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF099622.D
 Acq: 18 Oct 2017 17:32

Tgt Ion:112 Resp: 615834
 Ion Ratio Lower Upper
 112 100
 64 53.3 47.9 71.9
 63 26.0 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: 88.203 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

Instrument :

BNA_F

ClientSampleId :

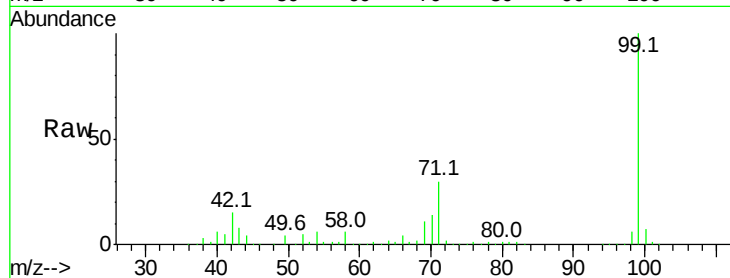
Tot Ion: 99 Resp: 751986

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

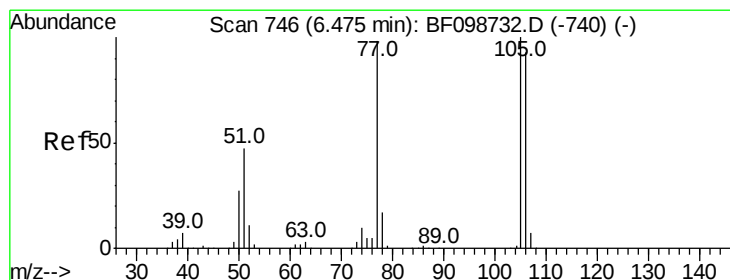
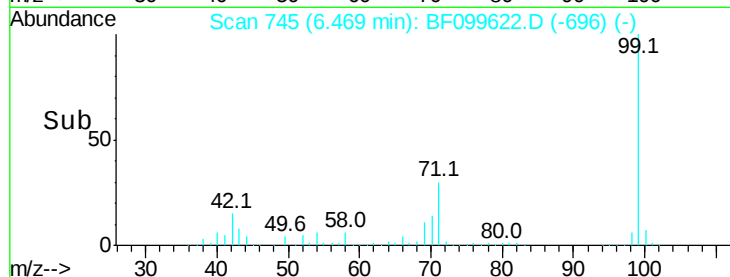
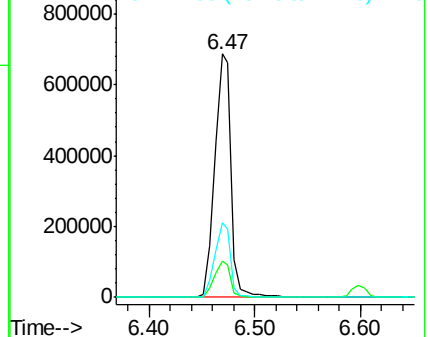
71 30.5 25.4 38.0



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: 2.360 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

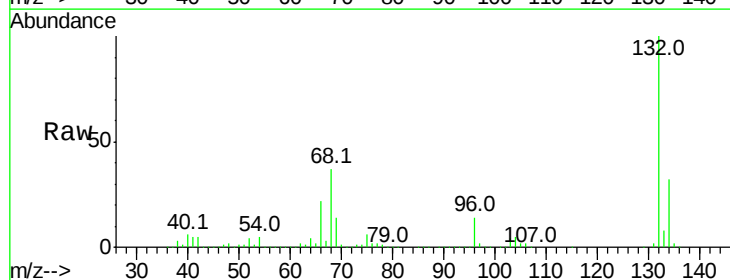
Tgt Ion: 77 Resp: 11671

Ion Ratio Lower Upper

77 100

105 87.2 81.1 121.1

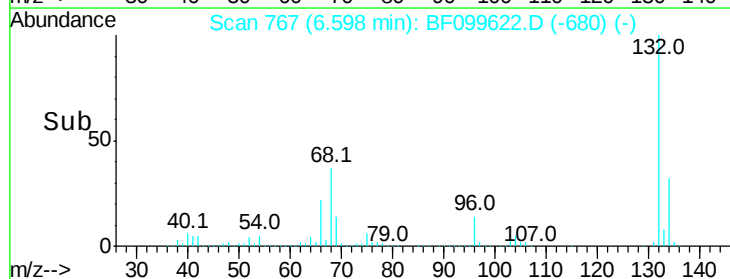
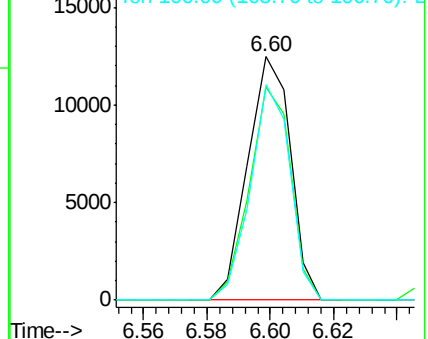
106 88.6 74.5 114.5

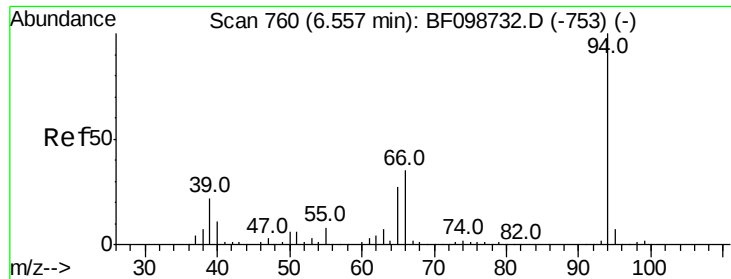


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

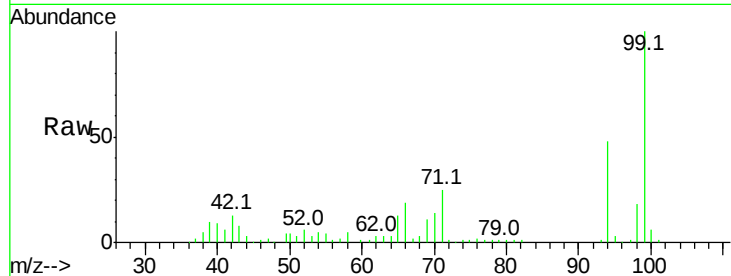




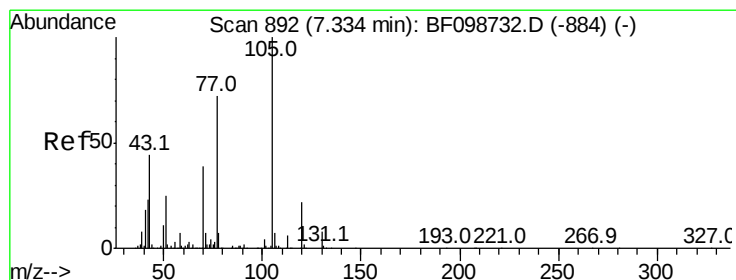
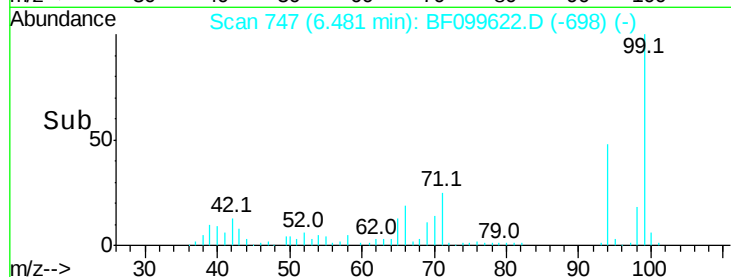
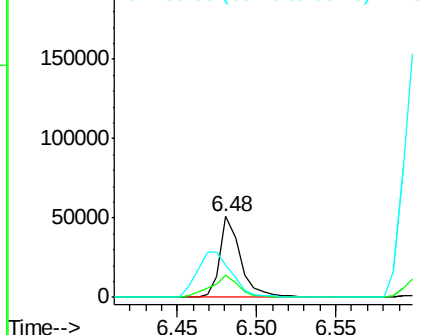
#10
Phenol
Concen: 4.848 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 46224
Ion Ratio Lower Upper
94 100
65 27.8 7.9 47.9
66 40.4 16.2 56.2

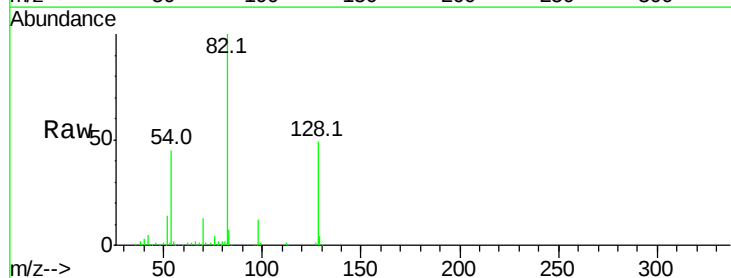


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

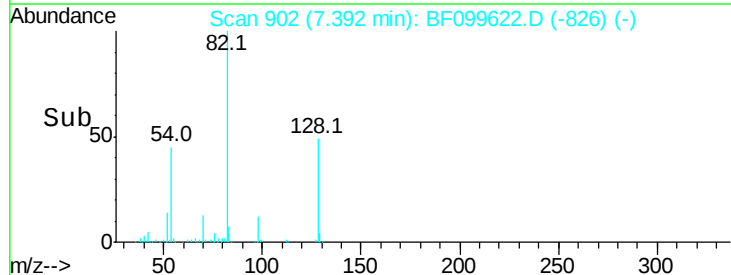
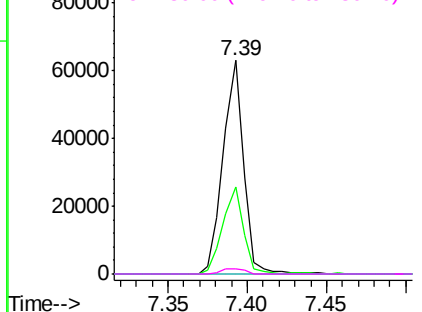


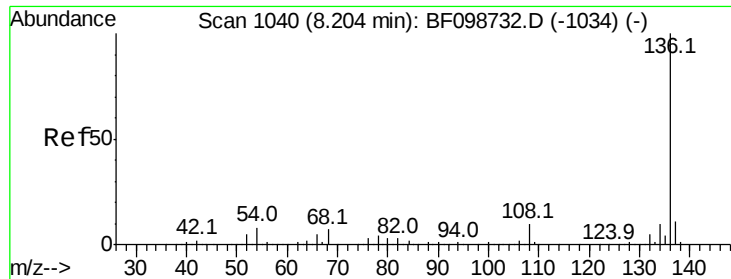
#19
n-Nitroso-di-n-propylamine
Concen: 10.429 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Tgt Ion: 70 Resp: 56767
Ion Ratio Lower Upper
70 100
42 40.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 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

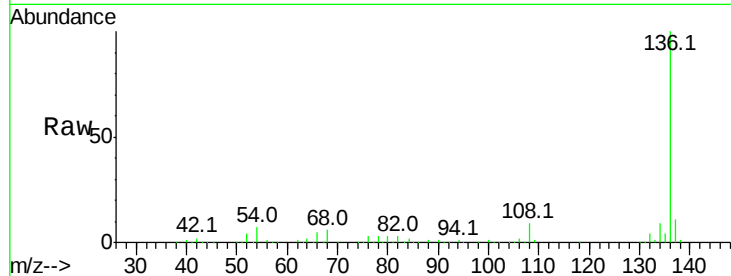




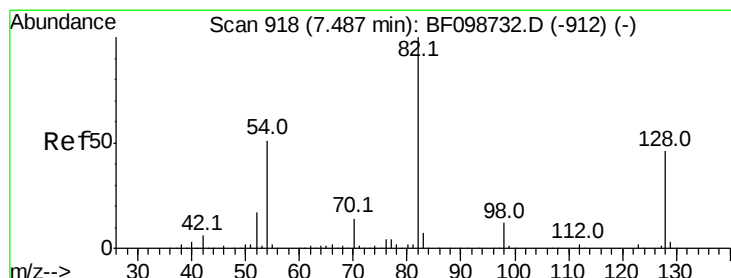
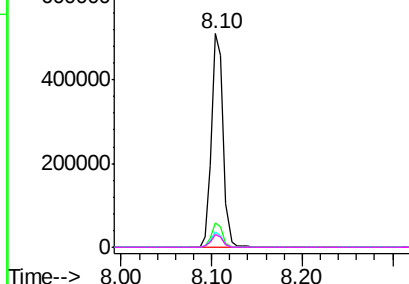
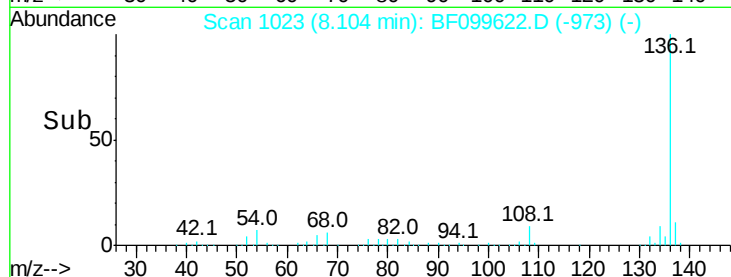
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	466838
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.6	9.8
68	6.2	5.0	7.4

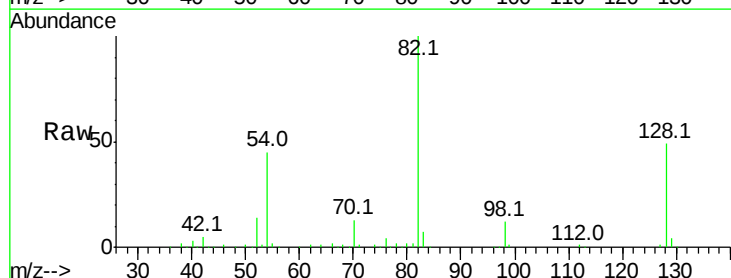


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

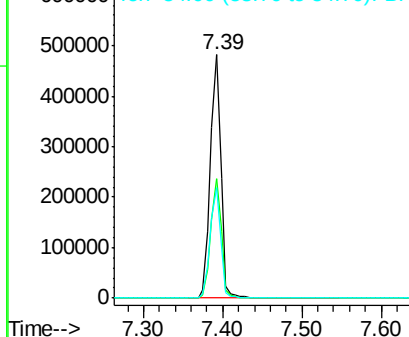
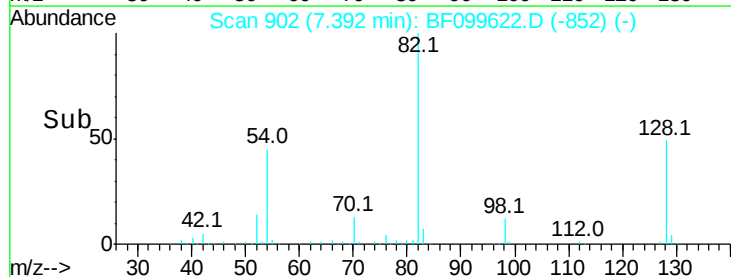


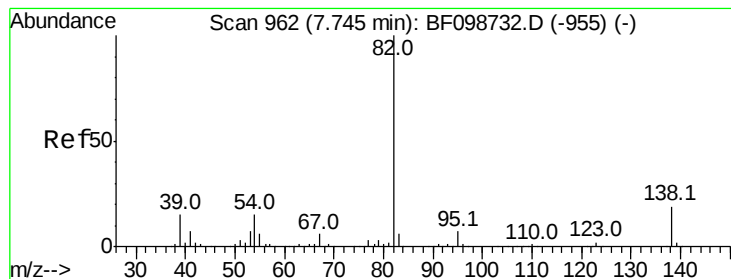
#23
Nitrobenzene-d5
Concen: 61.221 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Tgt Ion:	82	Resp:	445662
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	45.5	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: 29.611 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

Instrument :

BNA_F

ClientSampleId :

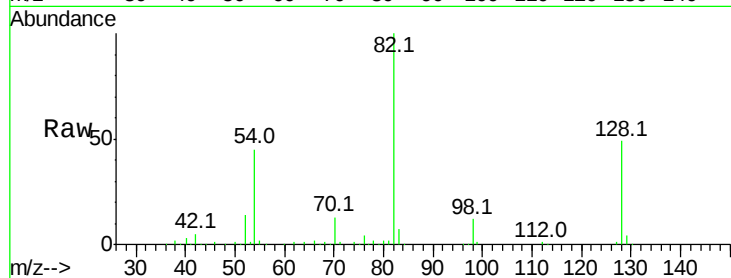
Tot Ion: 82 Resp: 445658

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

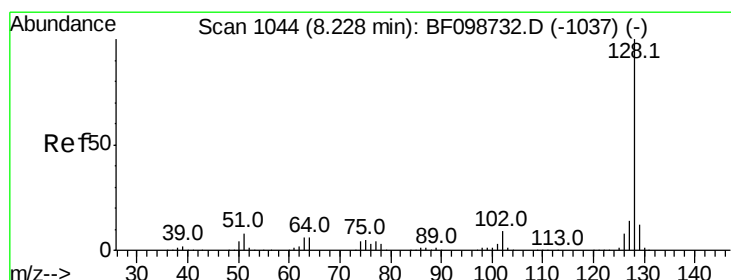
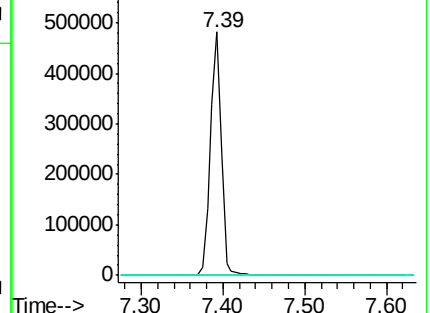
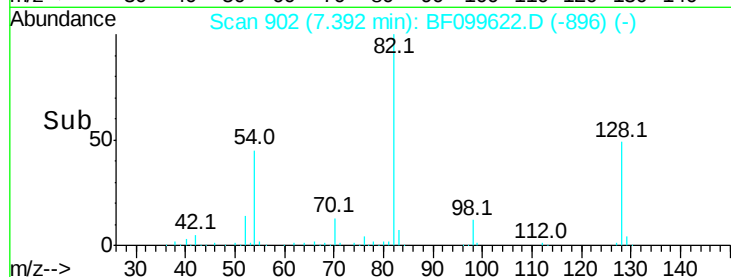
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 2.677 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

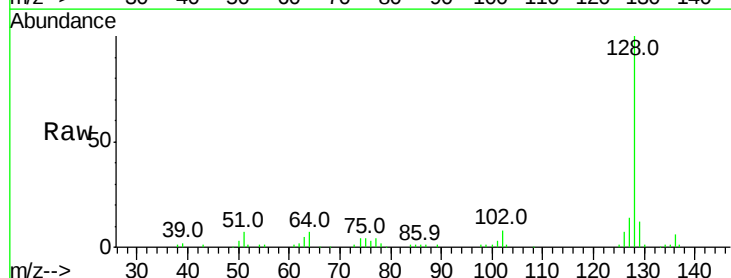
Tgt Ion: 128 Resp: 58688

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

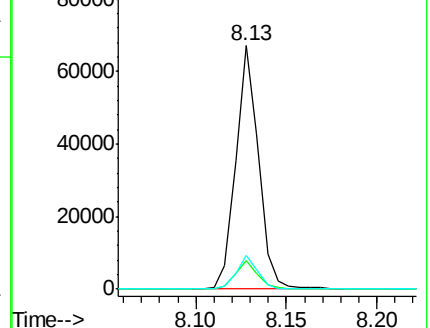
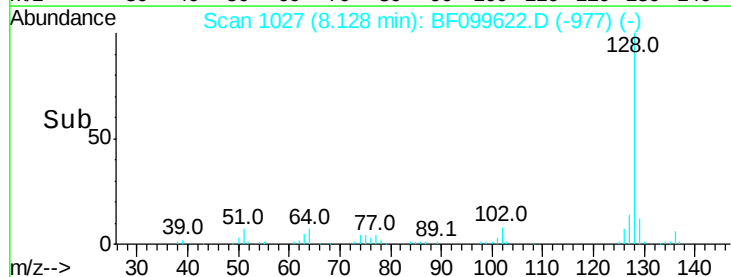
127 13.7 10.9 16.3

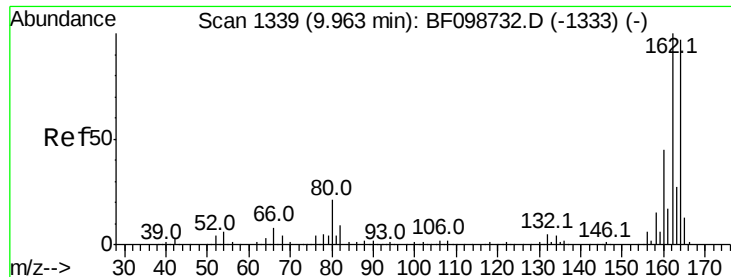


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

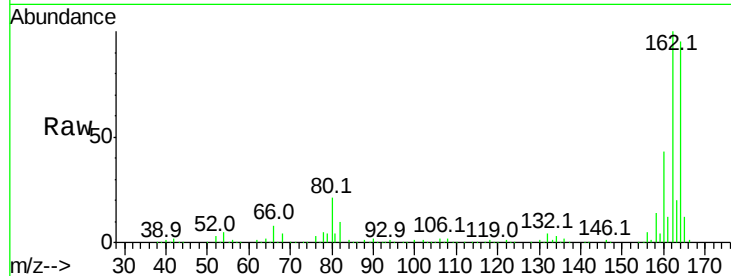




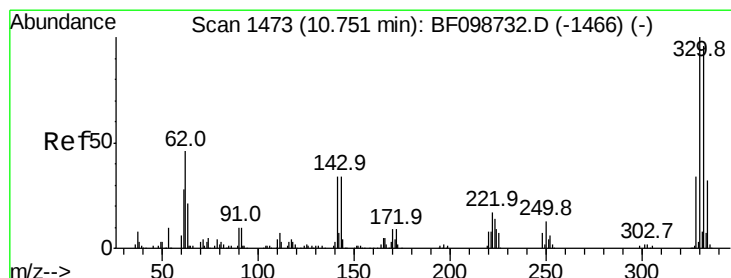
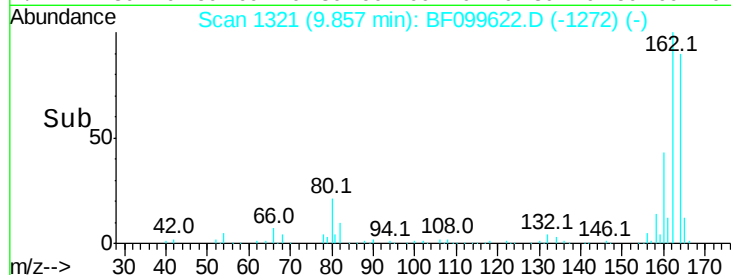
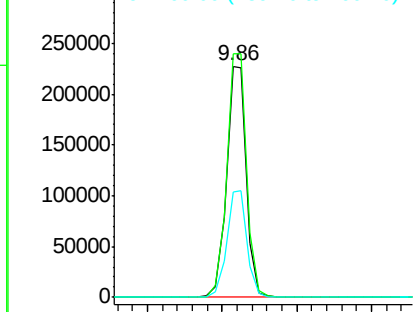
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 214328
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 45.3 38.3 57.5

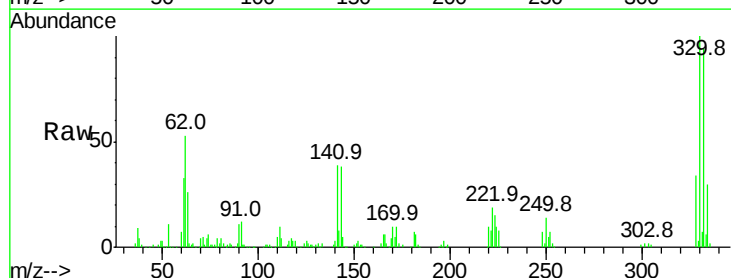


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

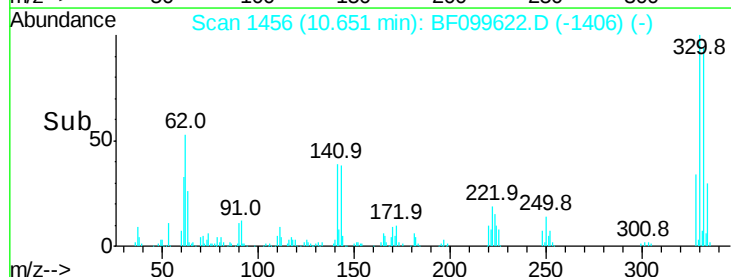
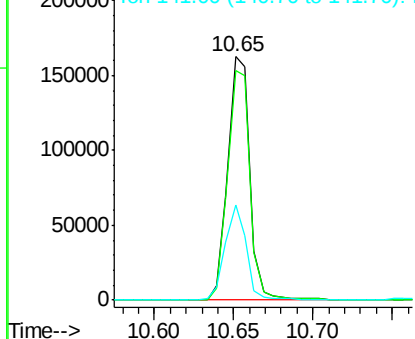


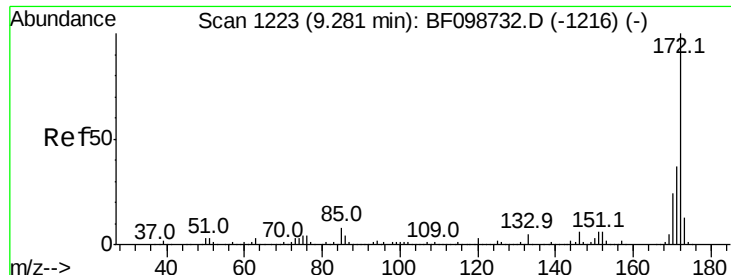
#41
2,4,6-Tribromophenol
Concen: 89.719 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Tgt Ion:330 Resp: 157348
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 38.0 29.9 44.9



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

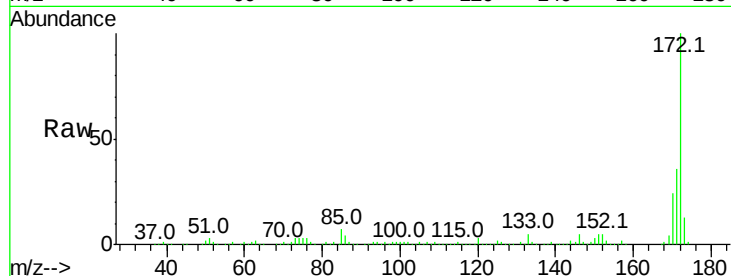




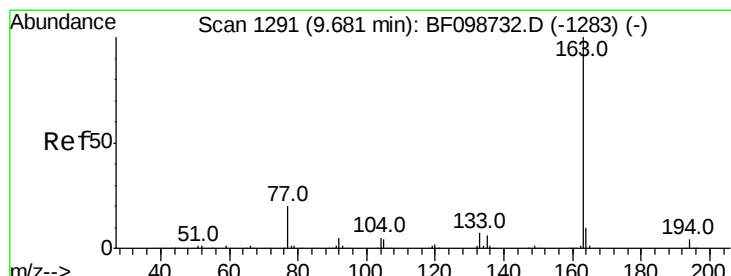
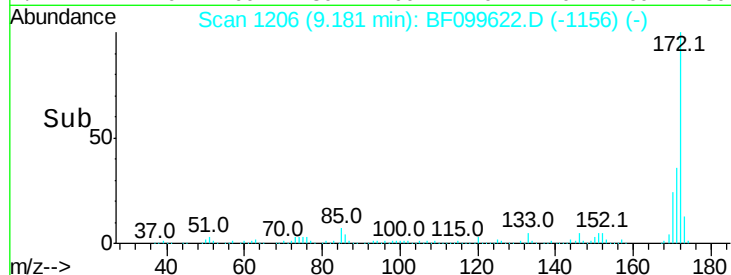
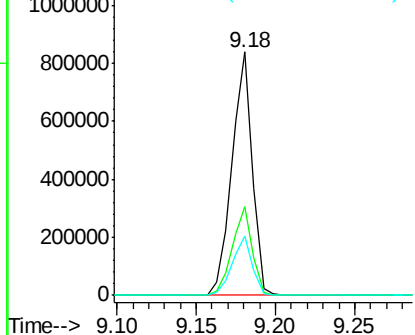
#44
2-Fluorobiphenyl
Concen: 58.268 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 748075
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.1 19.6 29.4

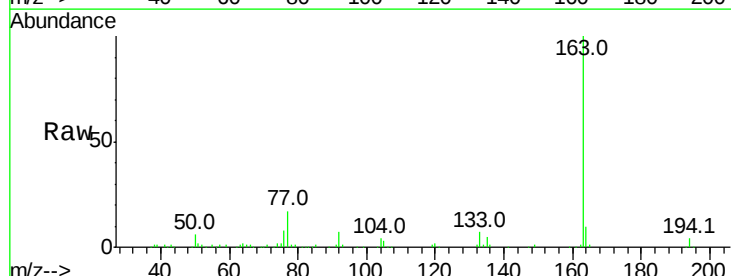


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

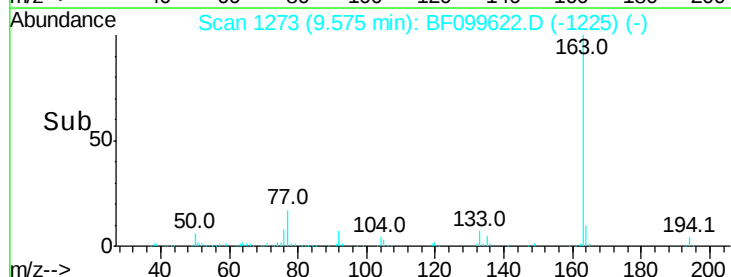
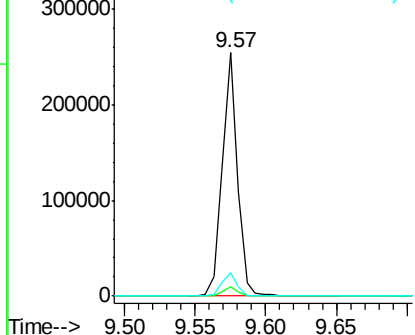


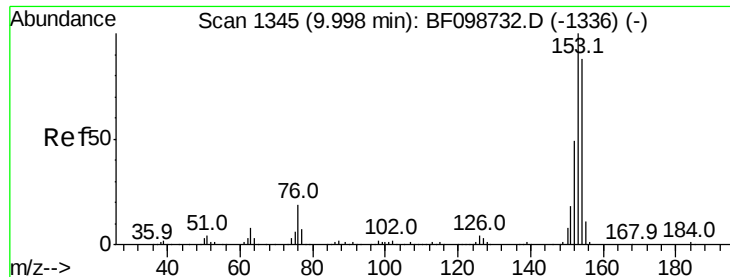
#49
Dimethylphthalate
Concen: 11.775 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Tgt Ion:163 Resp: 190482
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 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: 2.284 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

Instrument :

BNA_F

ClientSampleId :

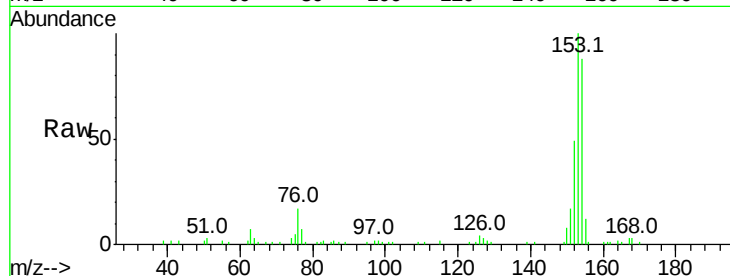
Tot Ion:154 Resp: 30634

Ion Ratio Lower Upper

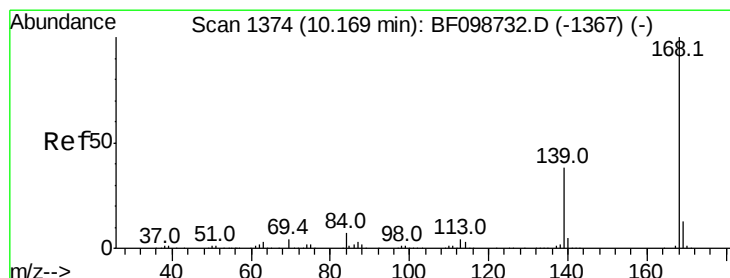
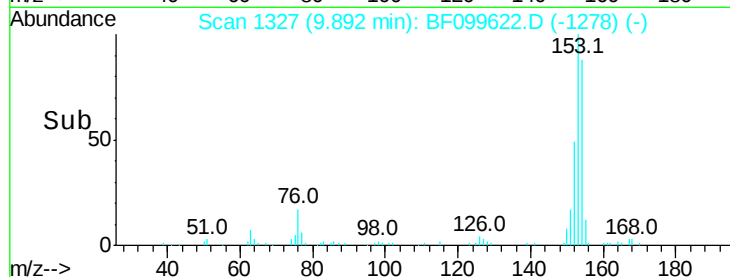
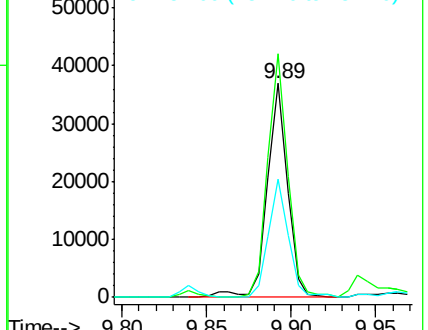
154 100

153 113.7 91.2 136.8

152 55.3 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



#54

Dibenzofuran

Concen: 2.304 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

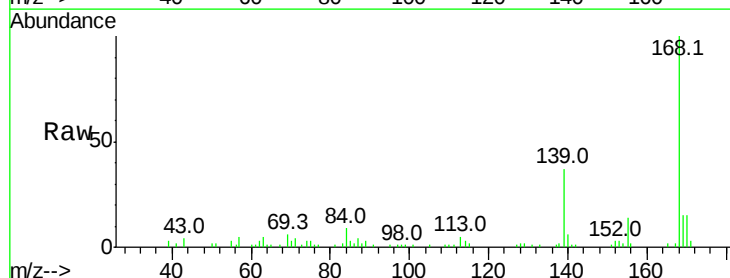
Tgt Ion:168 Resp: 41148

Ion Ratio Lower Upper

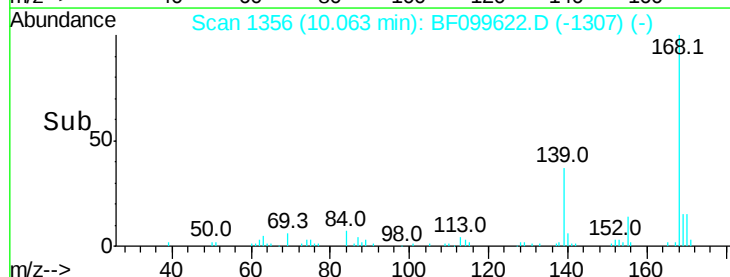
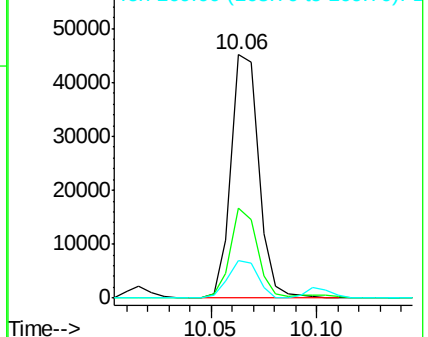
168 100

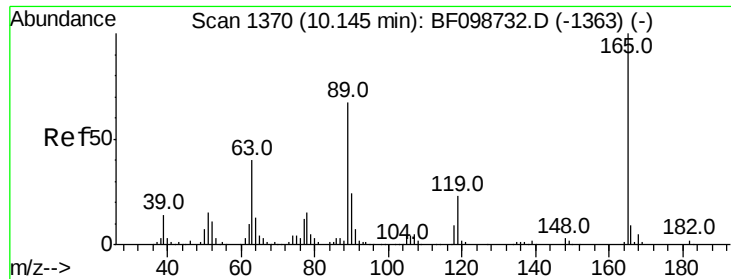
139 36.9 30.1 45.1

169 15.4 10.9 16.3



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

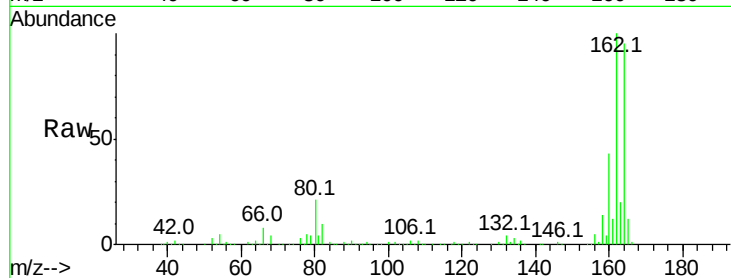




#56
2,4-Dinitrotoluene
Concen: 6.330 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.21 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

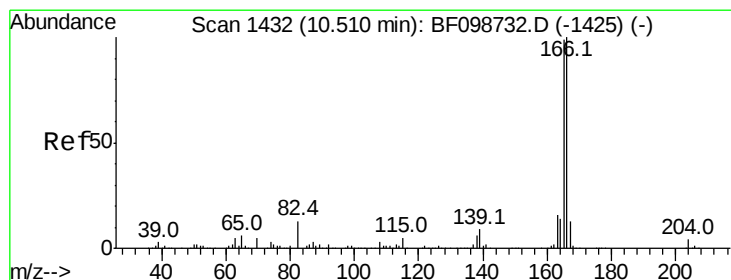
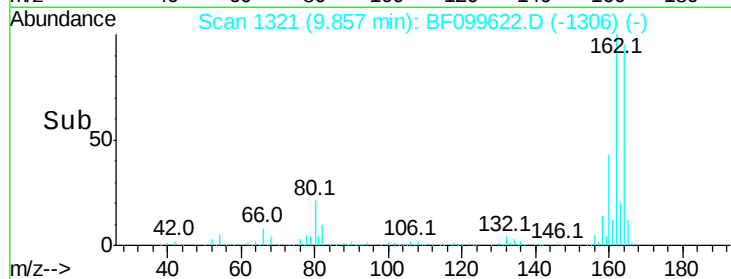
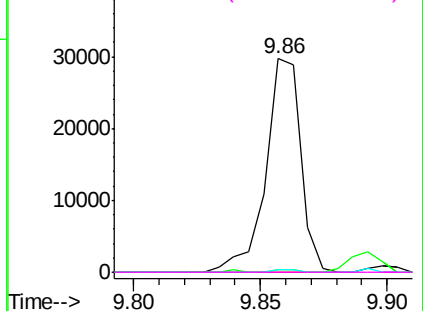


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

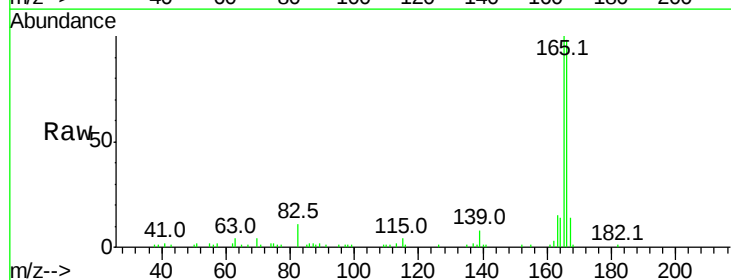
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 3.556 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

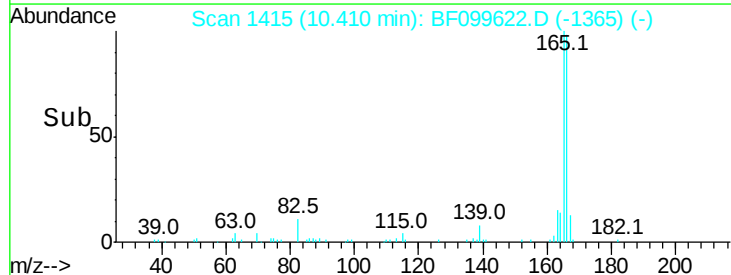
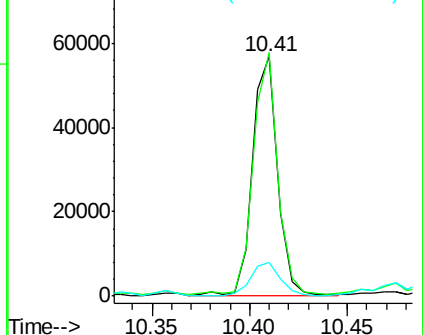
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.8	119.8
167	14.1	10.6	16.0

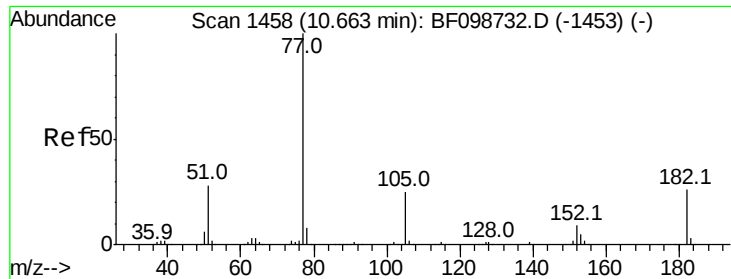


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 2.063 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 29981

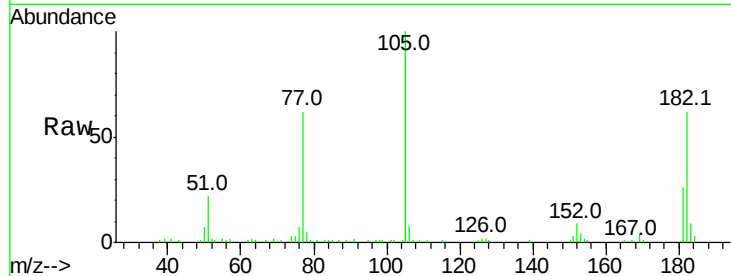
Ion Ratio Lower Upper

77 100

182 100.5 1.7 41.7#

105 162.1 3.0 43.0#

51 35.9 9.9 49.9

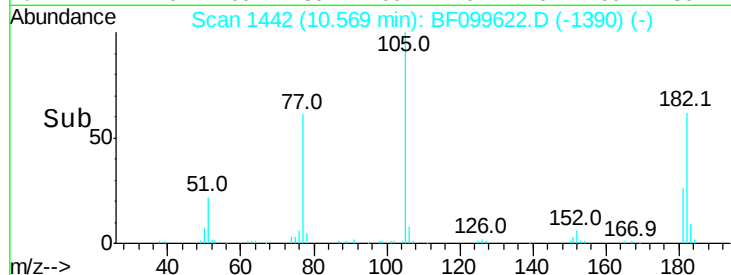


Abundance Ion 77.00 (76.70 to 77.70): BF0

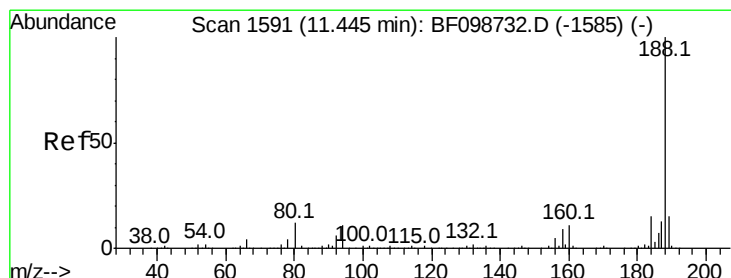
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

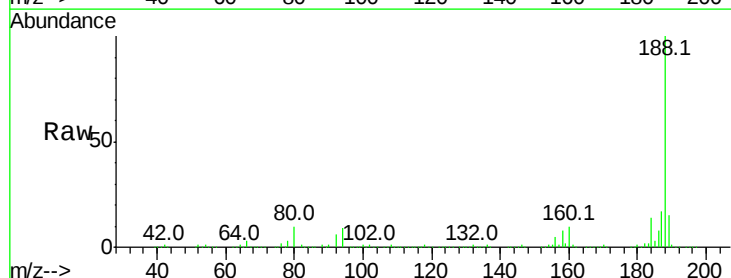
Tgt Ion: 188 Resp: 366378

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

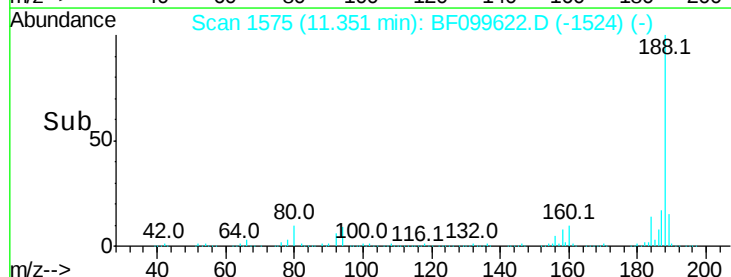
80 10.2 9.2 13.8



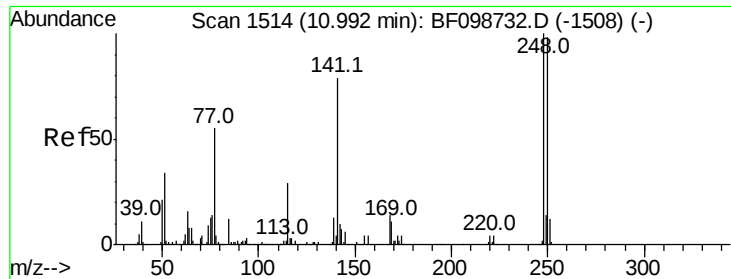
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



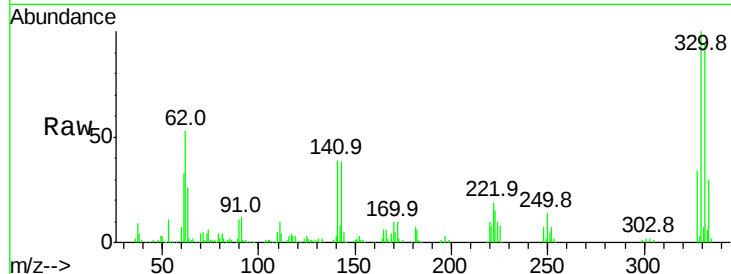
Time-->



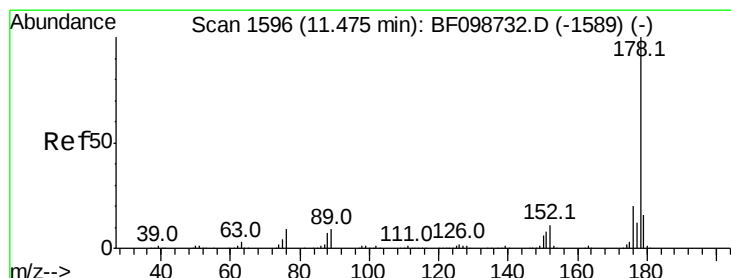
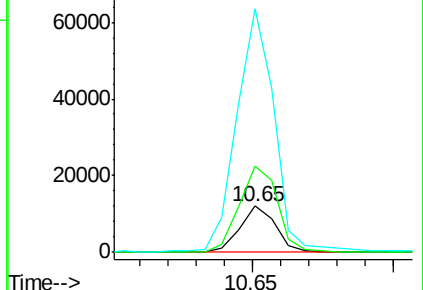
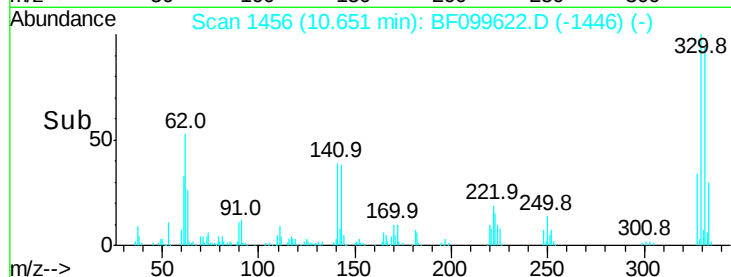
#66
 4-Bromophenyl-phenylether
 Concen: 2.933 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.24 min
 Lab File: BF099622.D
 Acq: 18 Oct 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10520
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.9 115.3#
 141 528.2 74.4 111.6#

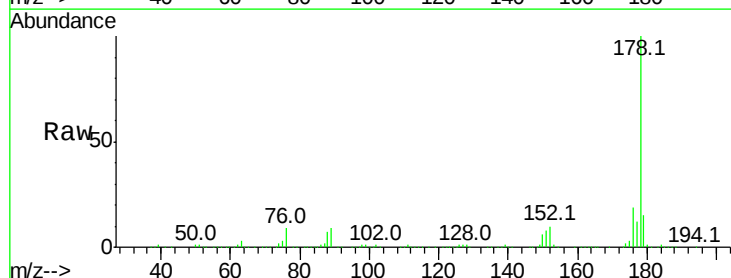


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

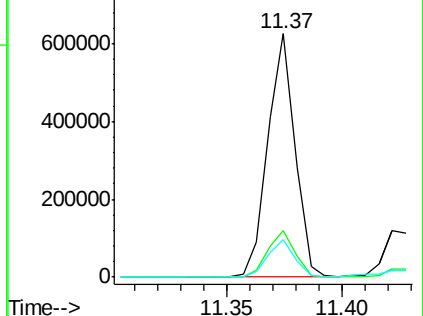
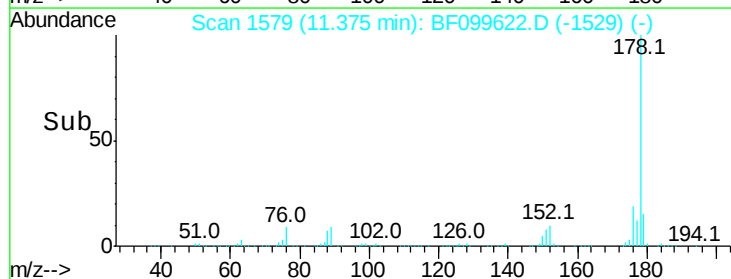


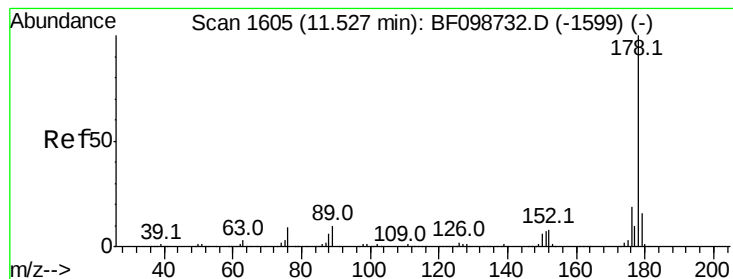
#70
 Phenanthrene
 Concen: 26.075 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099622.D
 Acq: 18 Oct 2017 17:32

Tgt Ion:178 Resp: 511364
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.5 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: 5.385 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

Instrument :

BNA_F

ClientSampleId :

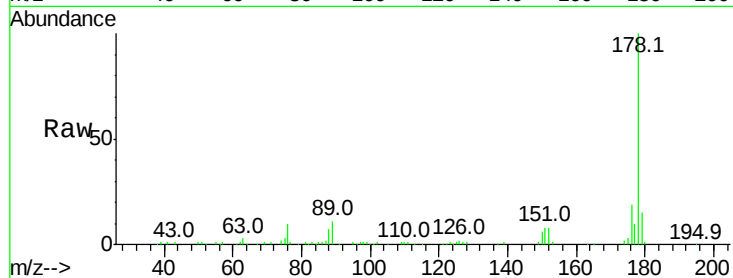
Tot Ion:178 Resp: 108065

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

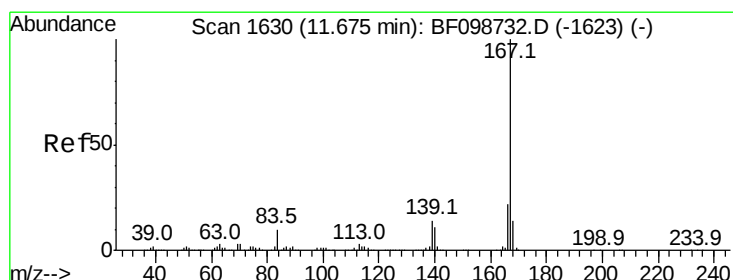
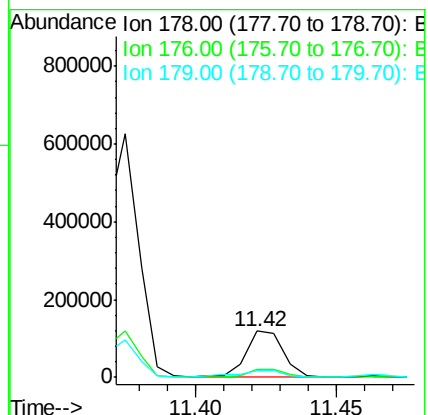
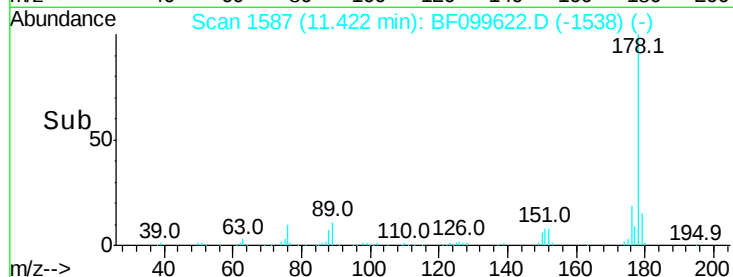
179 15.3 12.6 19.0



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: 2.134 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

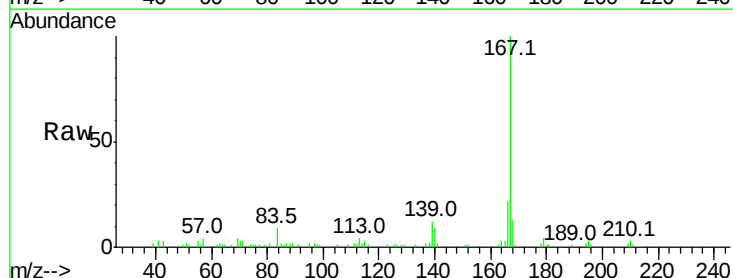
Tgt Ion:167 Resp: 41936

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

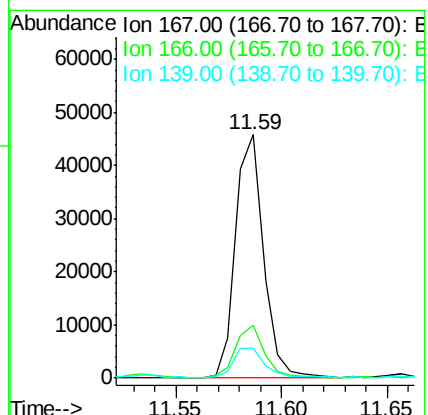
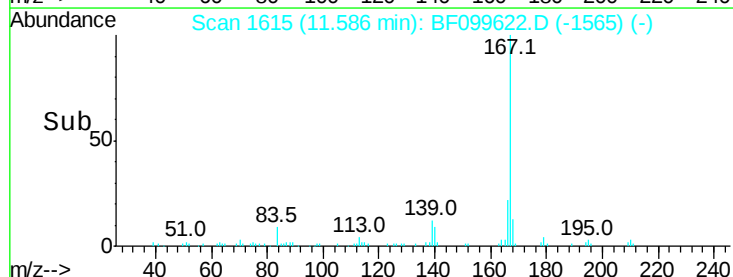
139 12.3 10.9 16.3

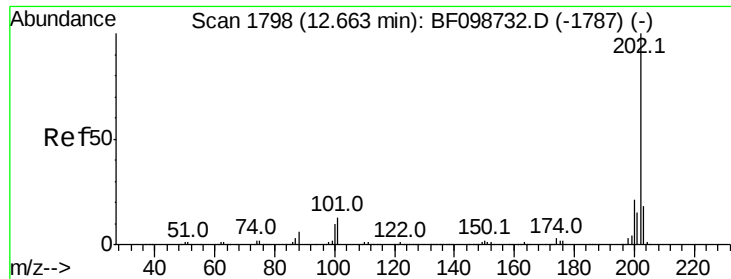


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

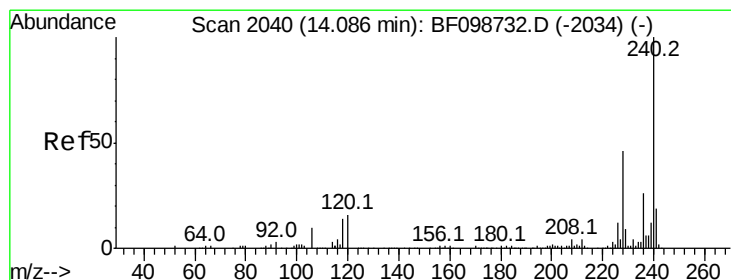
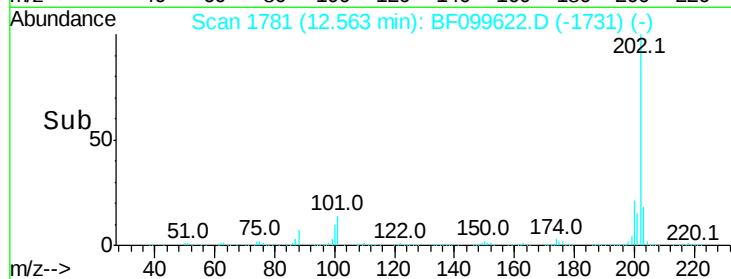
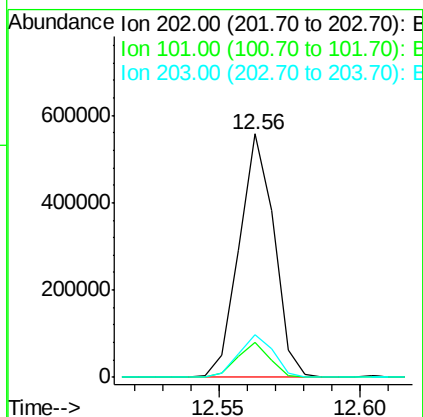
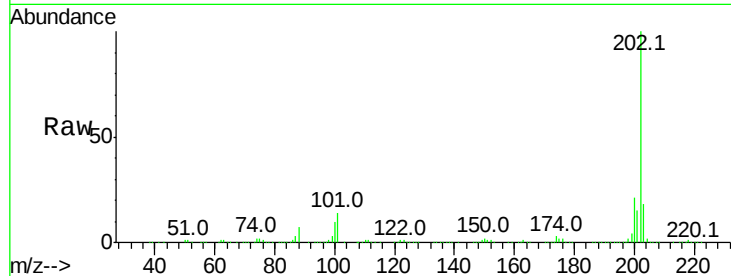




#74
Fluoranthene
Concen: 24.176 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

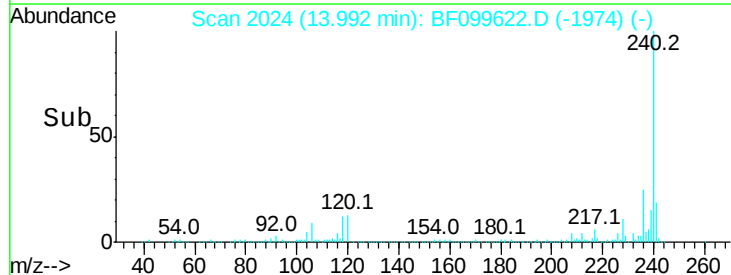
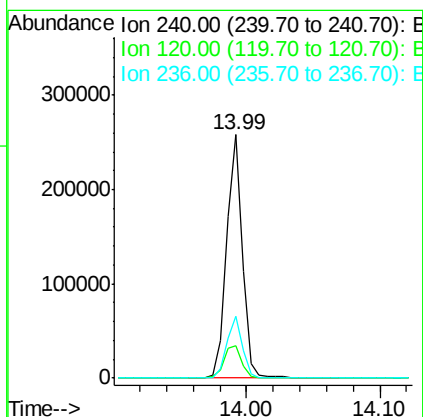
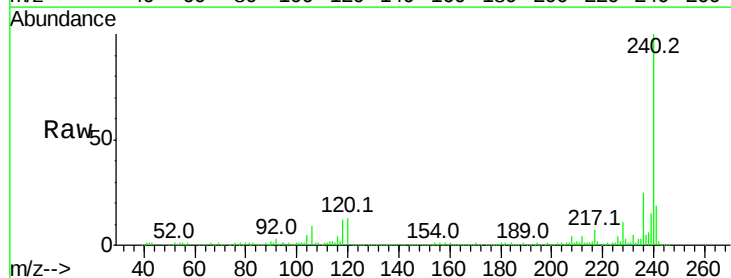
Instrument :
BNA_F
ClientSampleId :

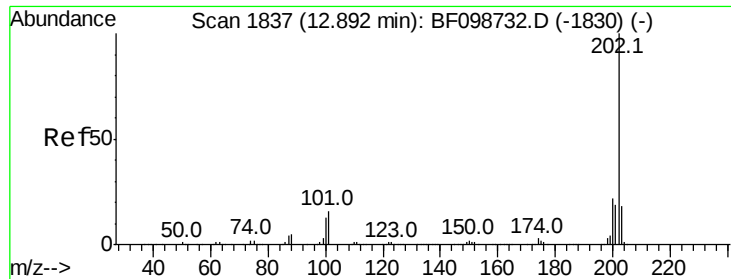
Tot Ion:202 Resp: 480093
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.1
203 17.7 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Tgt Ion:240 Resp: 215580
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.2 20.7 31.1





#77

Pvrene

Concen: 25.282 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

Instrument :

BNA_F

ClientSampleId :

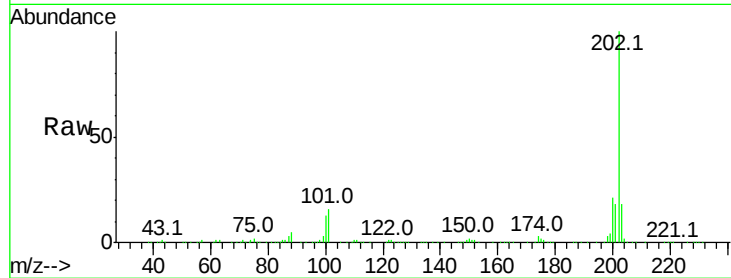
Tot Ion:202 Resp: 415612

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

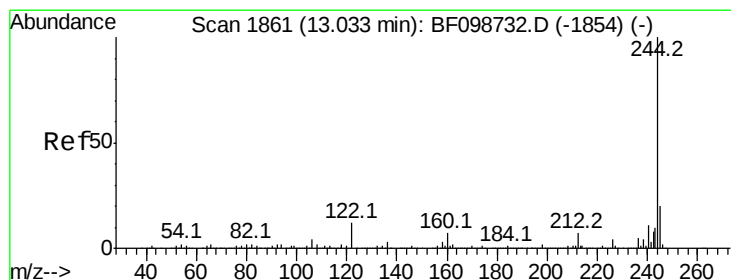
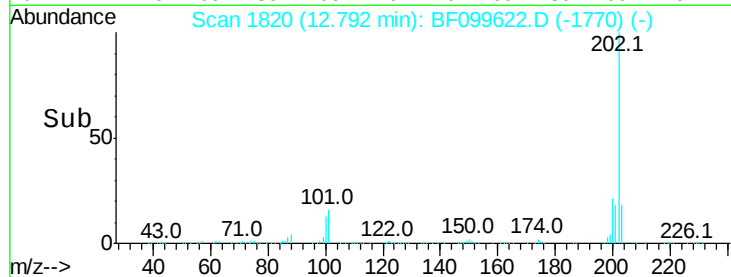
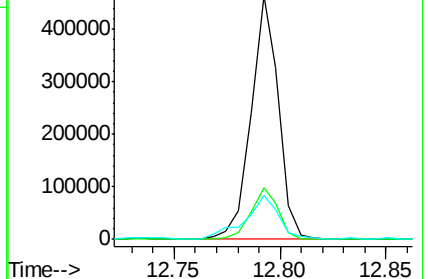
203 18.0 14.3 21.5



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: 58.211 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

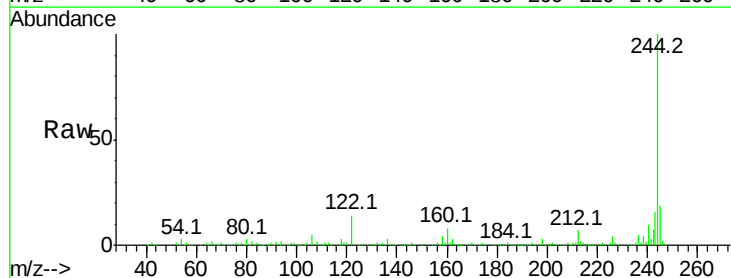
Tgt Ion:244 Resp: 551801

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

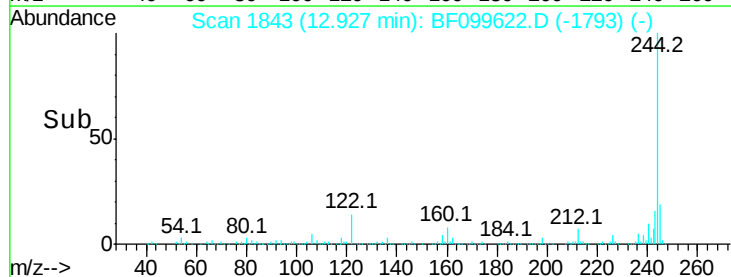
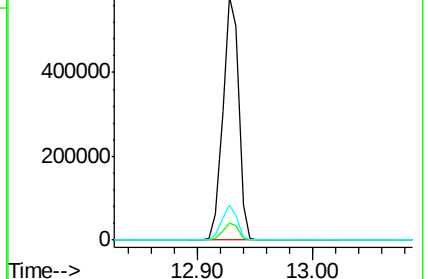
122 14.3 11.0 16.4

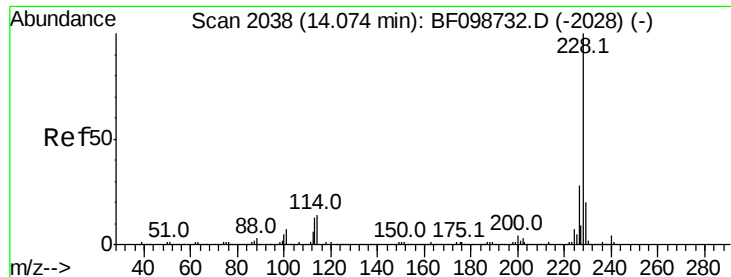


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 13.079 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

Instrument :

BNA_F

ClientSampled :

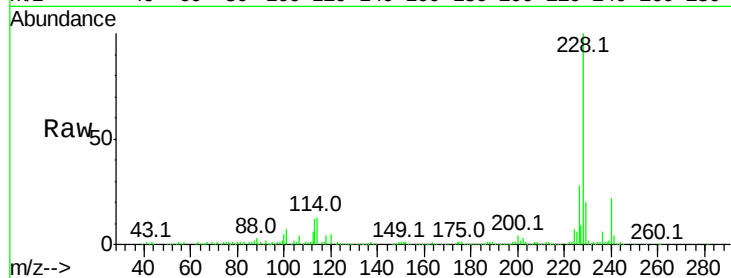
Tot Ion:228 Resp: 170726

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

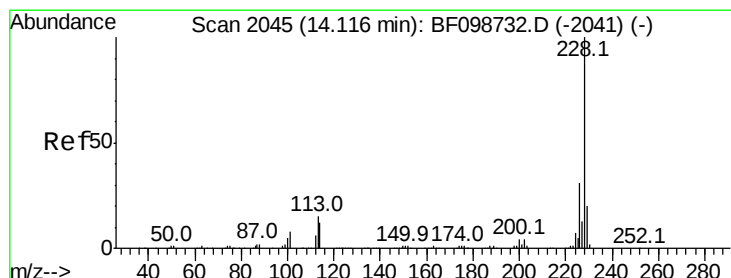
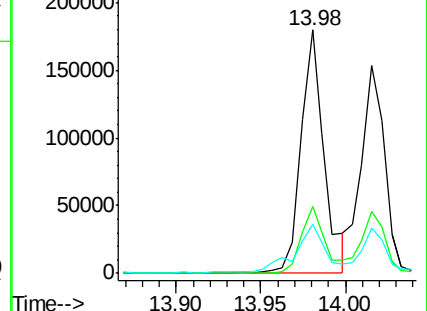
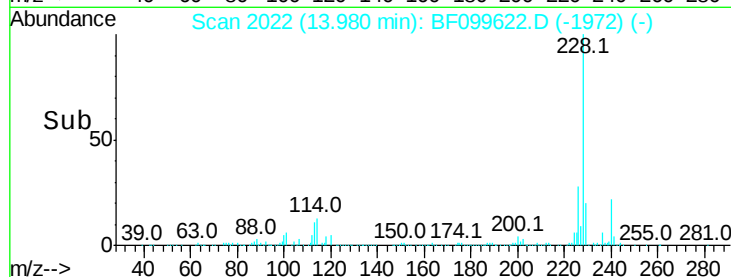
229 20.3 15.8 23.6



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



#82

Chrysene

Concen: 11.900 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

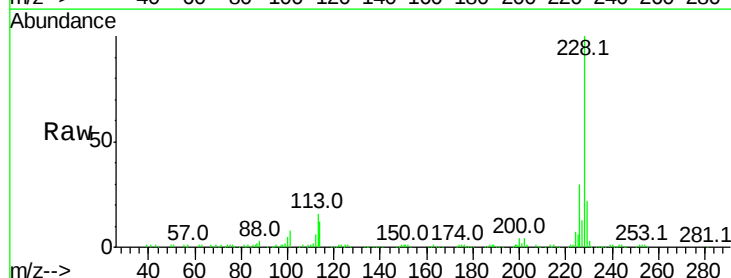
Tgt Ion:228 Resp: 147892

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

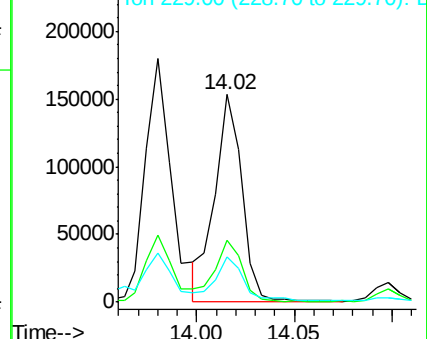
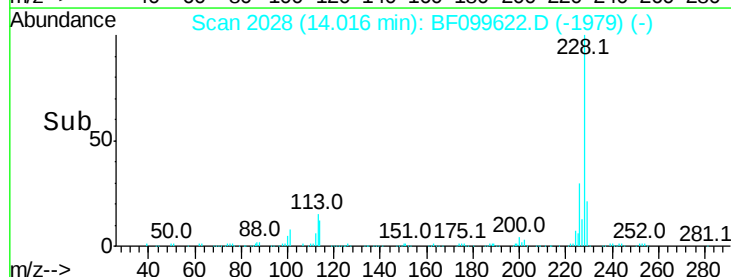
229 21.5 16.2 24.4

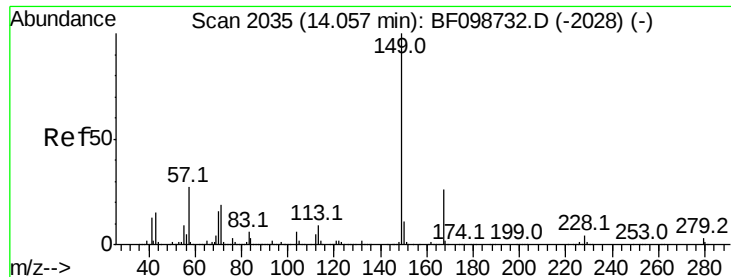


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

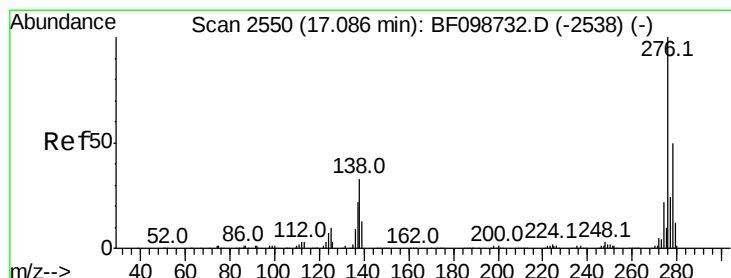
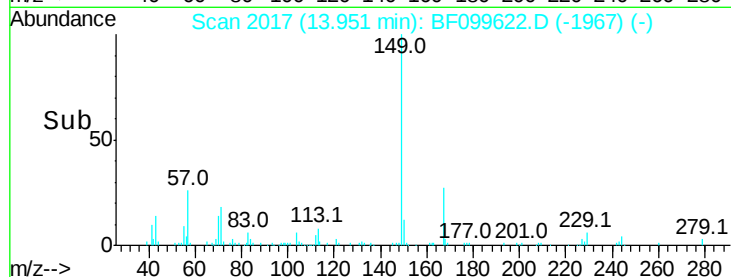
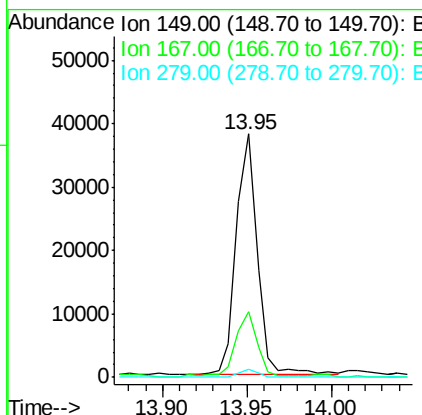
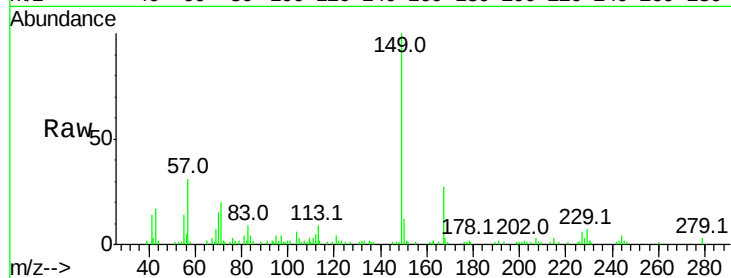




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.138 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF099622.D
 Acq: 18 Oct 2017 17:32

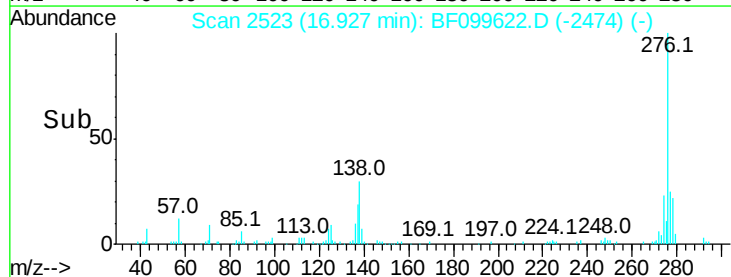
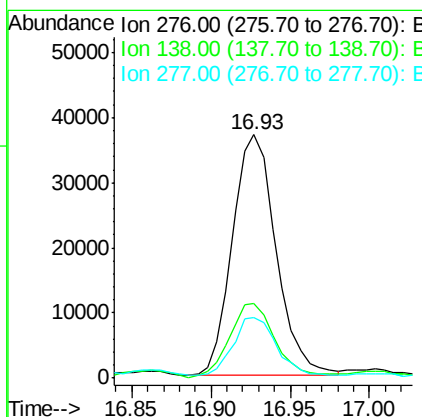
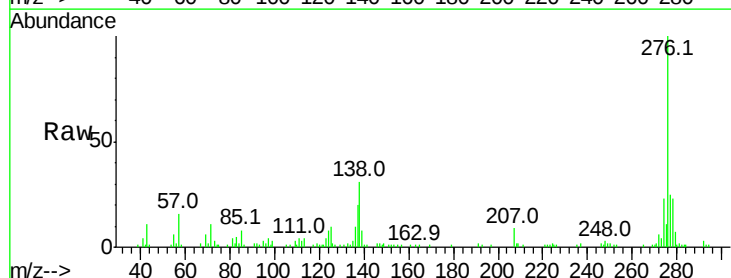
Instrument :
 BNA_F
 ClientSampleId :

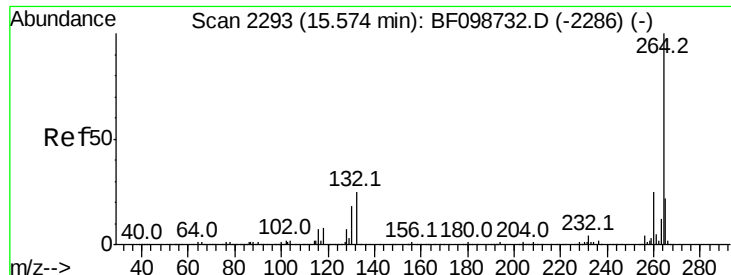
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.2	3.0	4.4



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.119 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BF099622.D
 Acq: 18 Oct 2017 17:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.0	37.6
277	25.7	20.1	30.1

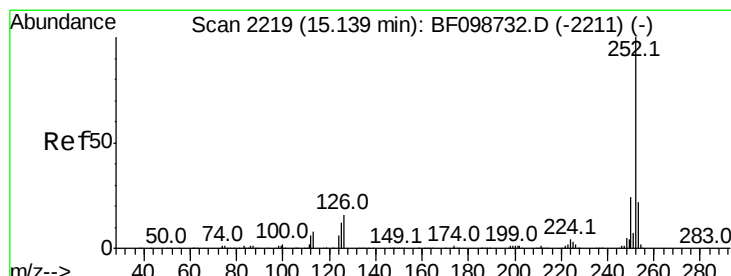
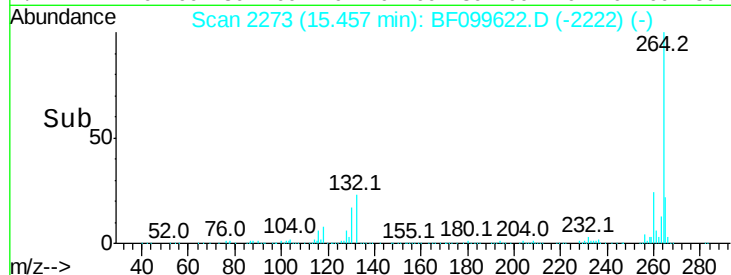
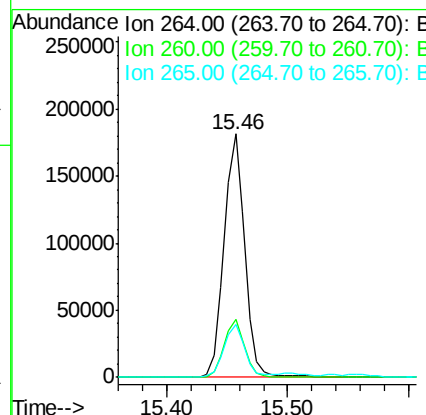
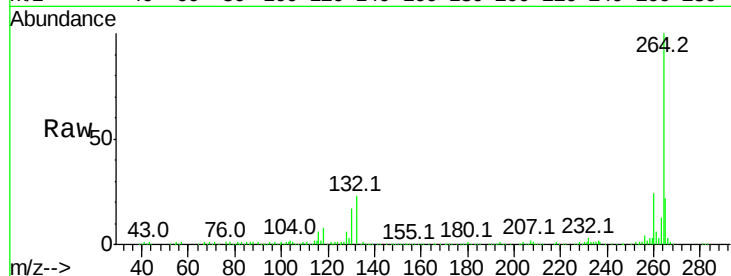




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

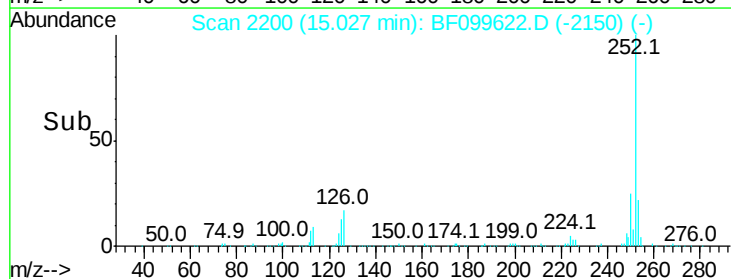
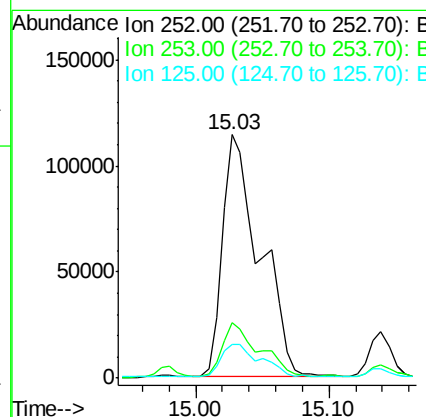
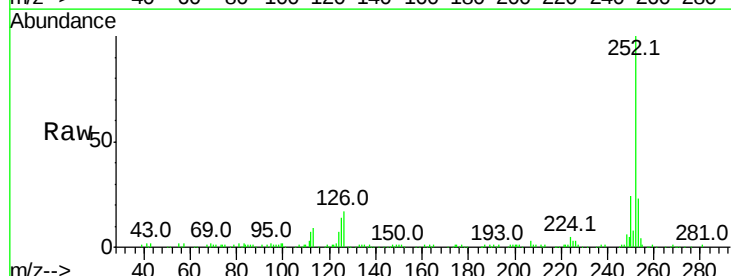
Instrument :
BNA_F
ClientSampled :

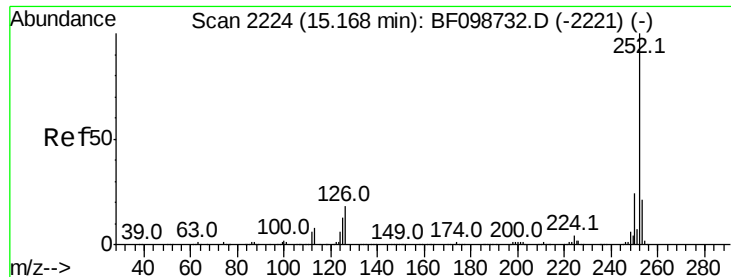
Tot Ion:264 Resp: 213705
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 17.068 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Tgt Ion:252 Resp: 224269
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.7 9.0 13.6#

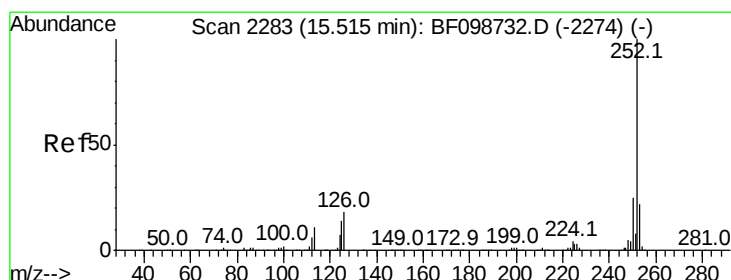
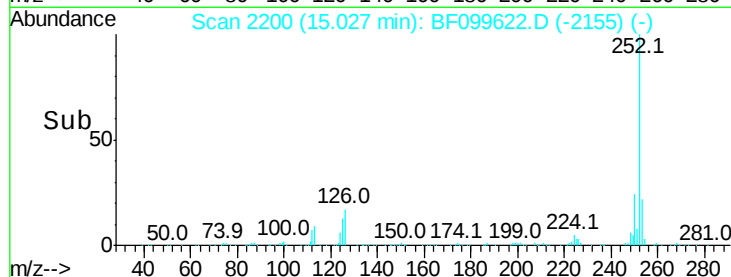
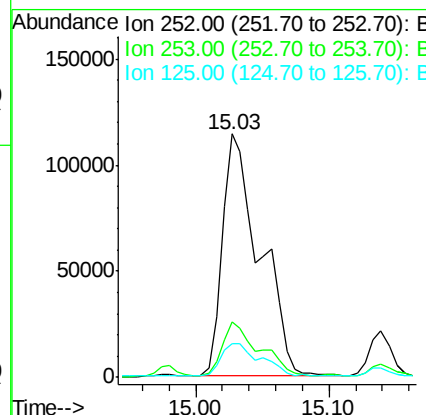
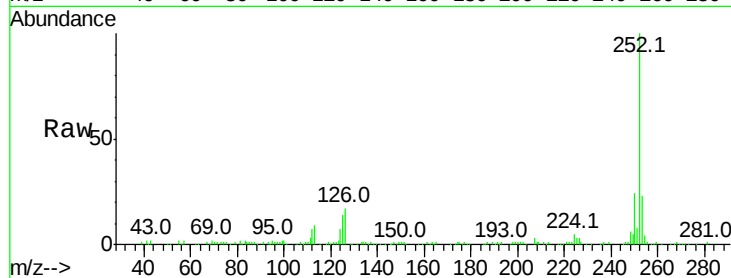




#88
Benzo(k)fluoranthene
Concen: 17.281 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

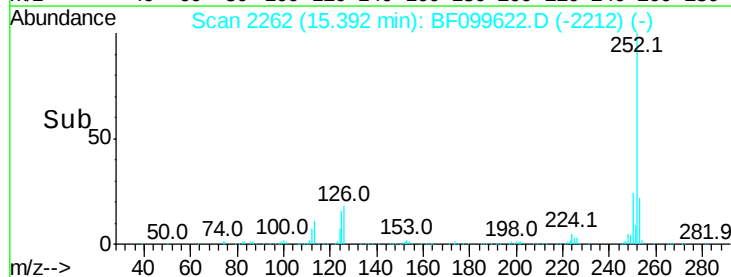
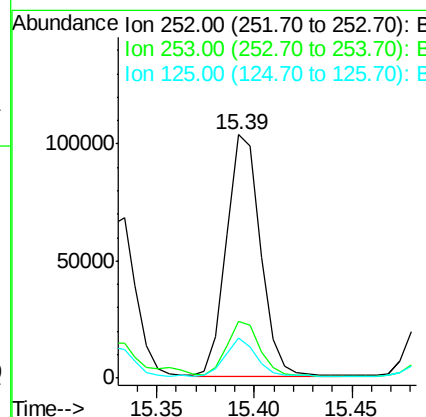
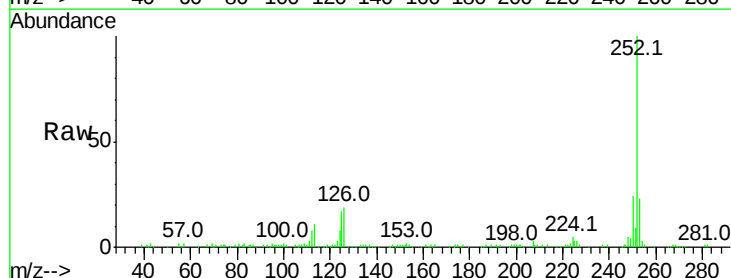
Instrument :
BNA_F
ClientSampleId :

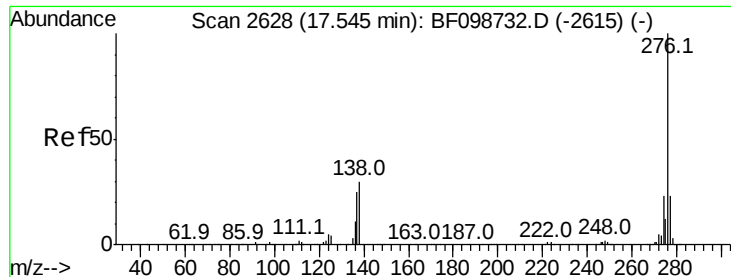
Tot Ion:252 Resp: 224269
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 10.504 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF099622.D
Acq: 18 Oct 2017 17:32

Tgt Ion:252 Resp: 126693
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 16.6 9.8 14.6#





#91

Benzo(a,h,i)perylene

Concen: 7.062 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BF099622.D

Acq: 18 Oct 2017 17:32

Instrument :

BNA_F

ClientSampleId :

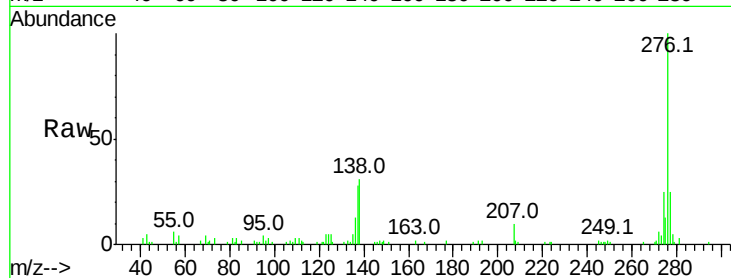
Tot Ion: 276 Resp: 67378

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 31.5 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

