

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104169.D
 Acq On : 3 Apr 2018 8:46
 Operator : JU/SJ
 Sample : J2176-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 12:14:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88013	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	365232	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	154164	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	233955	20.00	ng	0.00
75) Chrysene-d12	14.16	240	191272	20.00	ng	0.00
86) Perylene-d12	15.70	264	129632	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	561816	101.80	ng	0.00
7) Phenol-d6	6.60	99	729735	107.47	ng	0.00
23) Nitrobenzene-d5	7.53	82	416781	69.79	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	144109	83.95	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	692332	70.82	ng	0.00
78) Terphenyl-d14	13.08	244	448452	54.14	ng	0.00

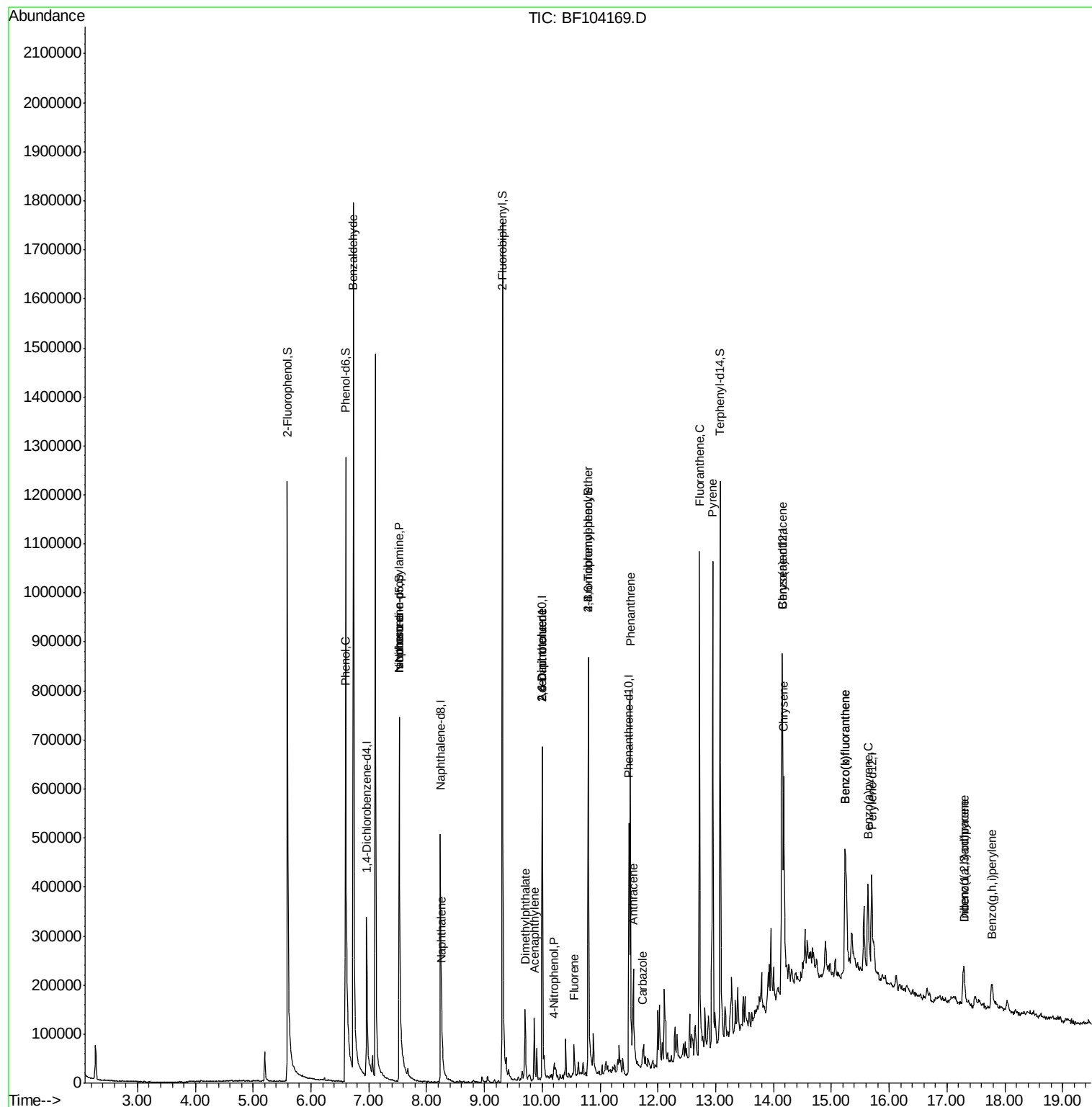
Target Compounds				Qvalue		
9) Benzaldehyde	6.73	77	12721	2.342	ng	86
10) Phenol	6.61	94	15778	2.097	ng	# 18
19) n-Nitroso-di-n-propylamine	7.53	70	50759	12.597	ng	# 74
25) Isophorone	7.53	82	416781	37.868	ng	# 64
31) Naphthalene	8.26	128	50426	2.826	ng	98
48) Acenaphthylene	9.86	152	68952	4.361	ng	99
49) Dimethylphthalate	9.70	163	64391	5.290	ng	98
50) 2,6-Dinitrotoluene	10.00	165	20198	7.713	ng	# 25
55) 4-Nitrophenol	10.21	139	8325	4.612	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	20198	6.045	ng	# 23
57) Fluorene	10.55	166	26928	2.444	ng	97
66) 4-Bromophenyl-phenylether	10.80	248	8208	3.279	ng	# 1
70) Phenanthrene	11.52	178	328761	25.955	ng	98
71) Anthracene	11.57	178	128518	9.714	ng	96
72) Carbazole	11.74	167	30126	2.386	ng	95
74) Fluoranthene	12.72	202	481321	35.749	ng	99
77) Pyrene	12.95	202	439356	31.954	ng	99
80) Benzo(a)anthracene	14.14	228	217342	18.160	ng	95
82) Chrysene	14.18	228	192622	16.432	ng	98
85) Indeno(1,2,3-cd)pyrene	17.29	276	63656	5.240	ng	# 88
87) Benzo(b)fluoranthene	15.24	252	233566	29.606	ng	# 95
88) Benzo(k)fluoranthene	15.24	252	233566	31.428	ng	98
89) Benzo(a)pyrene	15.63	252	122271	16.724	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	14414	2.132	ng	# 91
91) Benzo(g,h,i)perylene	17.77	276	59238	8.750	ng	96

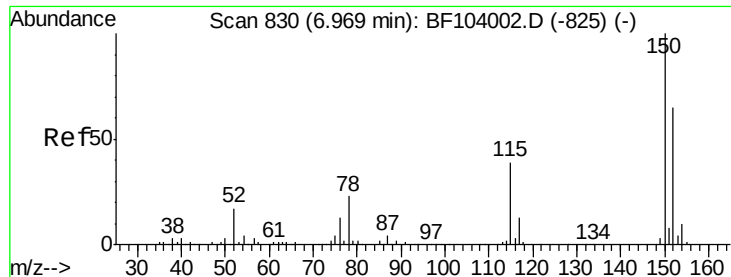
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104169.D
Acq On : 3 Apr 2018 8:46
Operator : JU/SJ
Sample : J2176-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Apr 03 12:14:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration



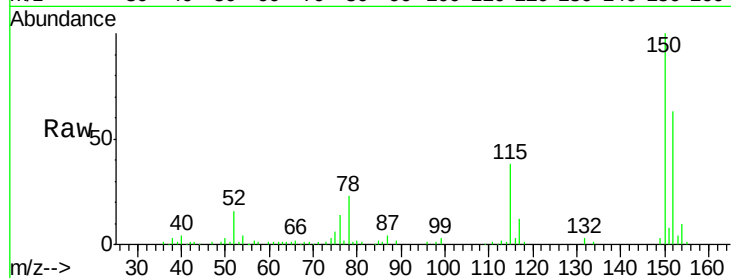


#1

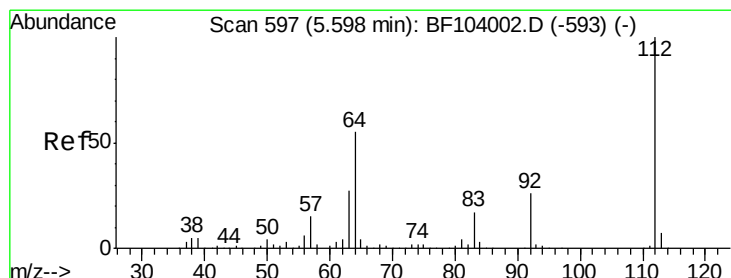
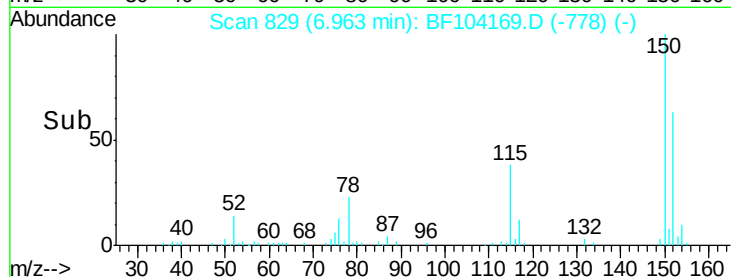
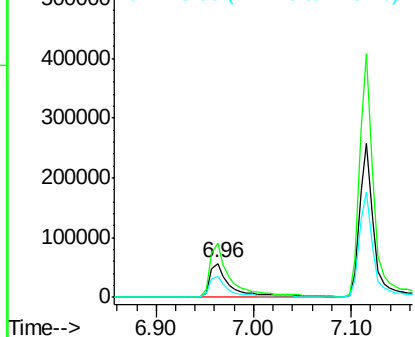
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88013
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 60.9 50.1 75.1



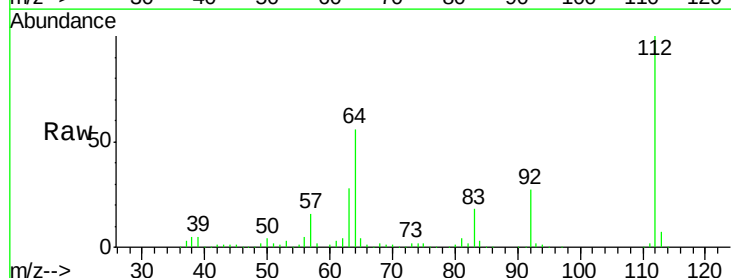
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



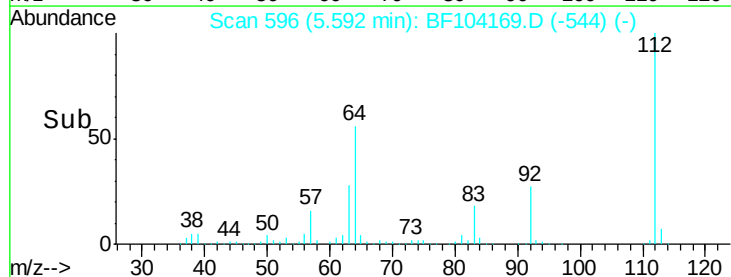
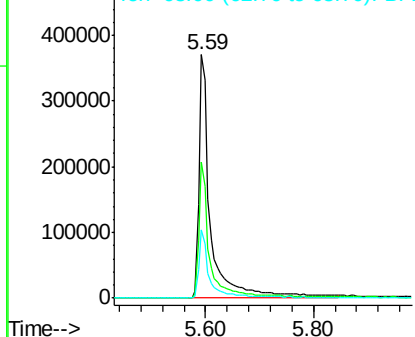
#5

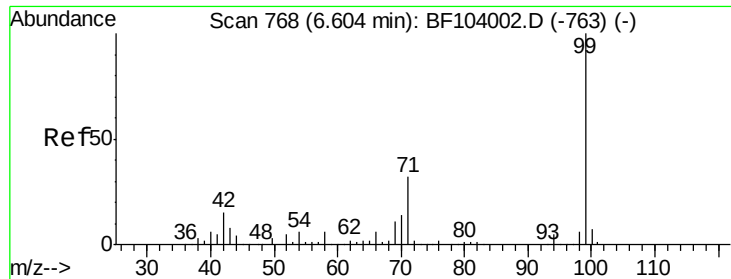
2-Fluorophenol
Concen: 101.798 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Tgt Ion:112 Resp: 561816
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 28.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.473 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Instrument :

BNA_F

ClientSampleId :

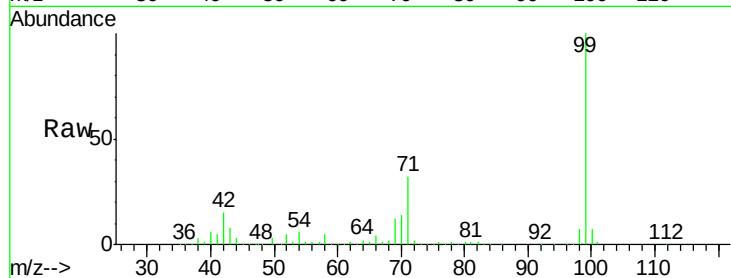
Tot Ion: 99 Resp: 729735

Ion Ratio Lower Upper

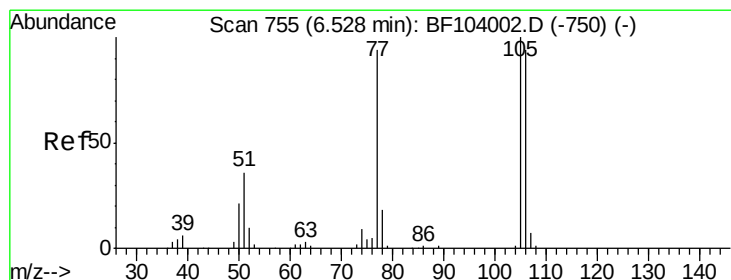
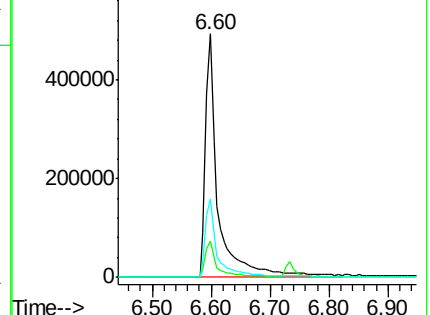
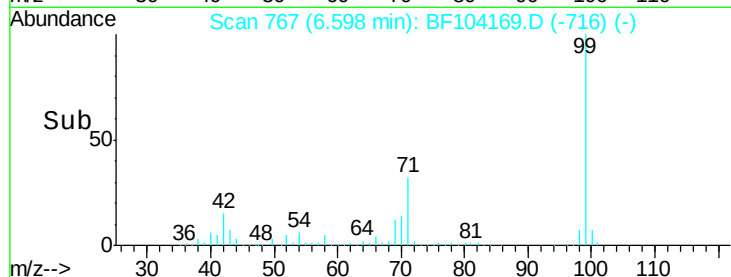
99 100

42 14.7 14.5 21.7

71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.342 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

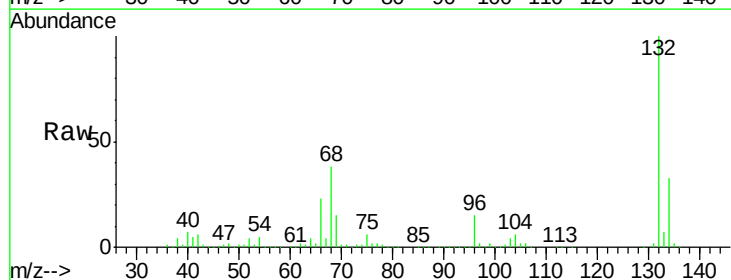
Tgt Ion: 77 Resp: 12721

Ion Ratio Lower Upper

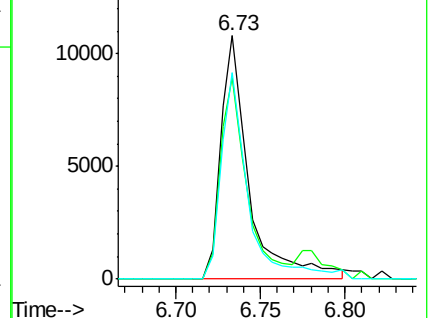
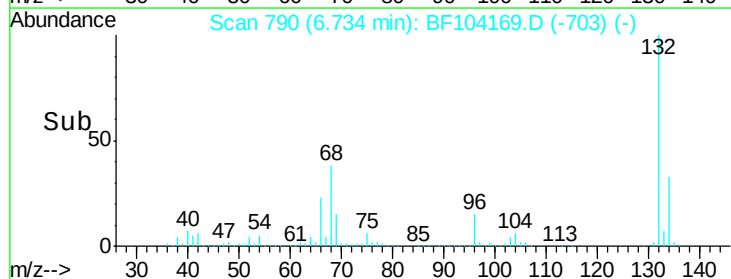
77 100

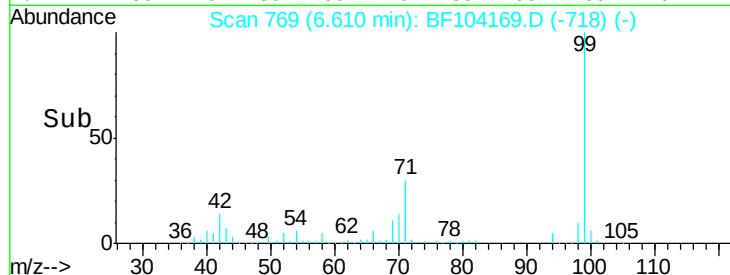
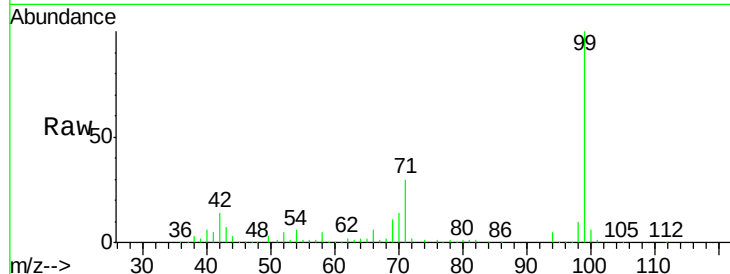
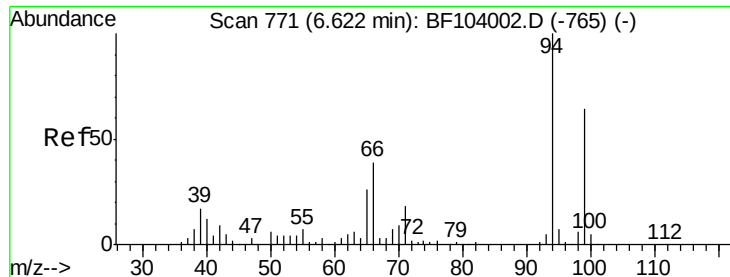
105 82.8 81.1 121.1

106 84.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.097 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Instrument :

BNA_F

ClientSampleId :

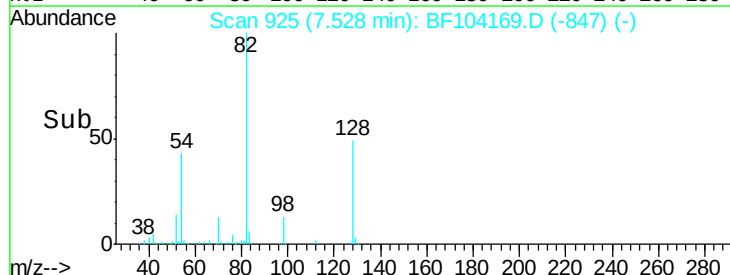
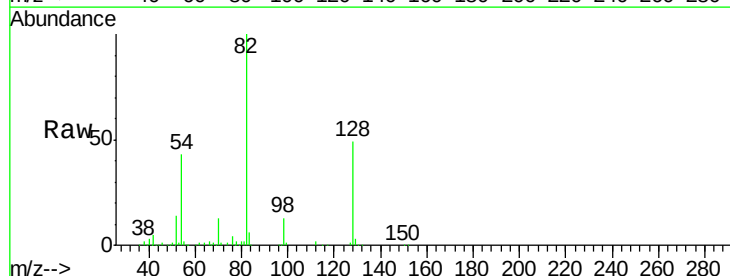
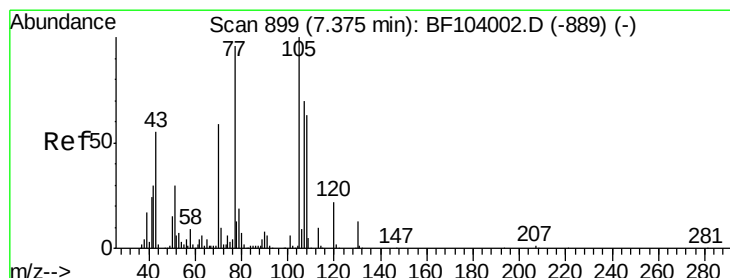
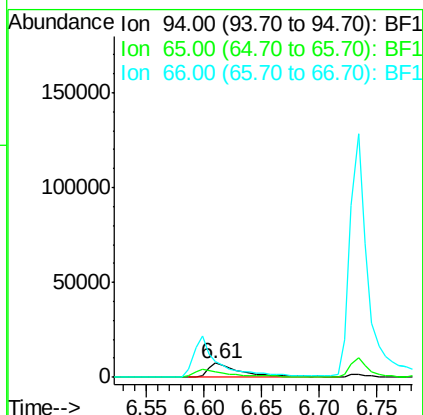
Tot Ion: 94 Resp: 15778

Ion Ratio Lower Upper

94 100

65 41.1 7.9 47.9

66 110.8 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.597 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Tgt Ion: 70 Resp: 50759

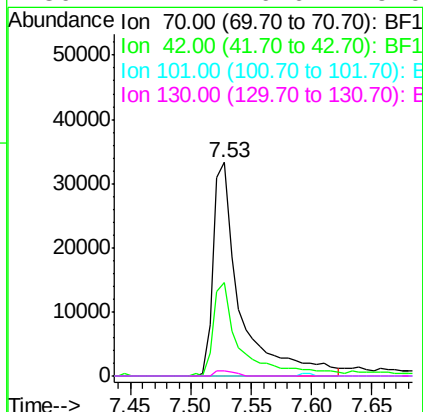
Ion Ratio Lower Upper

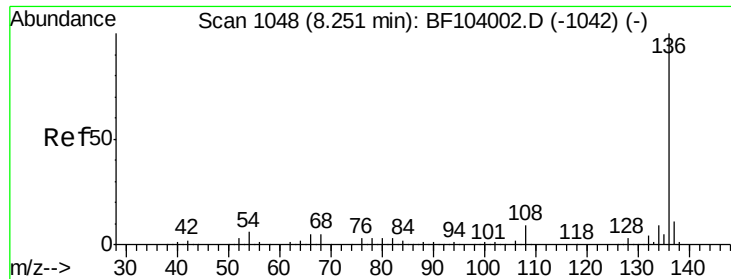
70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

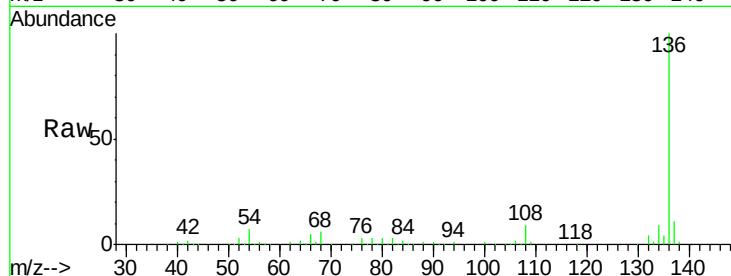




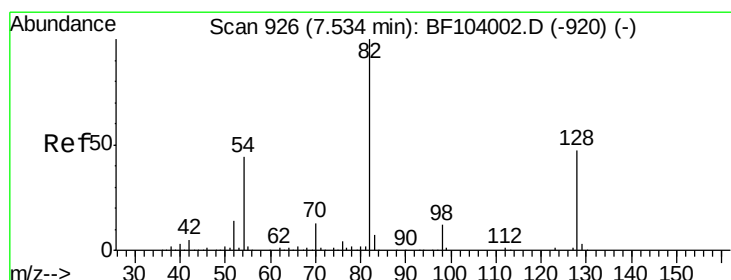
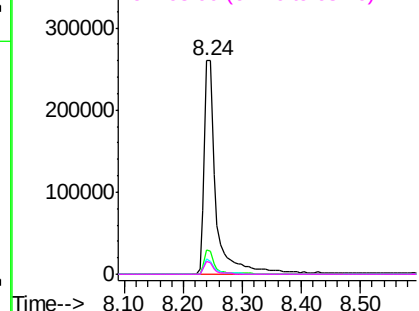
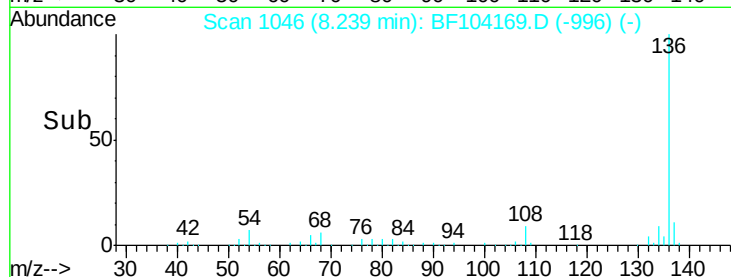
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	365232
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	7.4	6.6 9.8
68	6.2	5.0 7.4

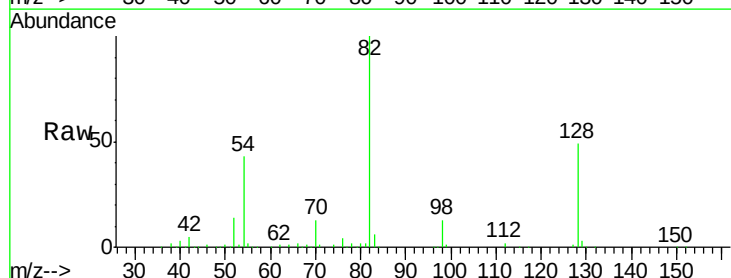


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

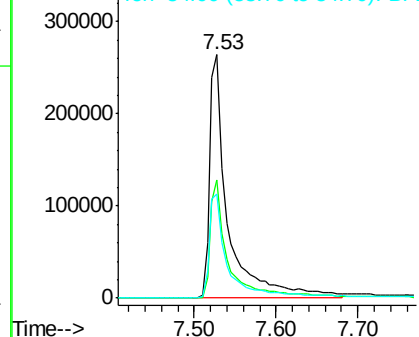
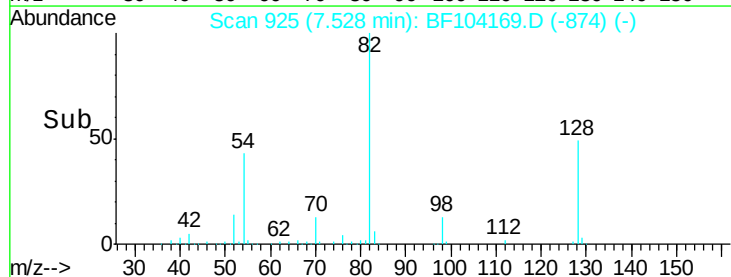


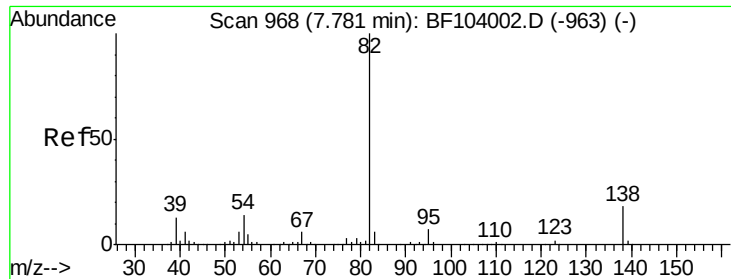
#23
Nitrobenzene-d5
Concen: 69.787 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Tgt Ion: 82	Resp:	416781
Ion Ratio	Lower	Upper
82	100	
128	48.5	36.1 54.1
54	42.9	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.868 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Instrument :

BNA_F

ClientSampleId :

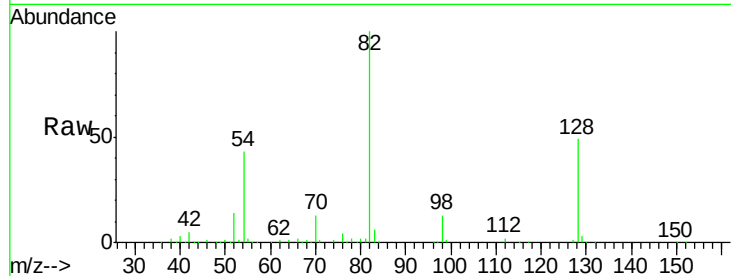
Tot Ion: 82 Resp: 416781

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

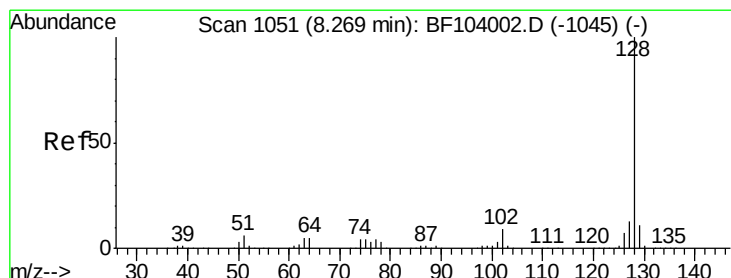
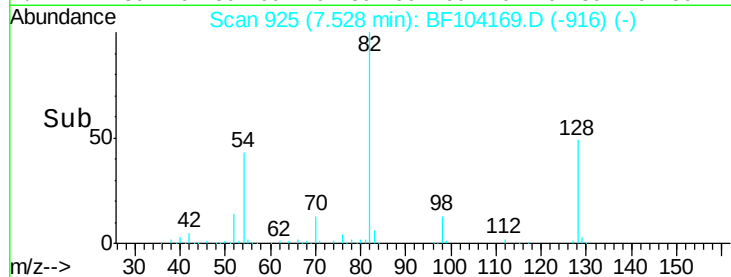
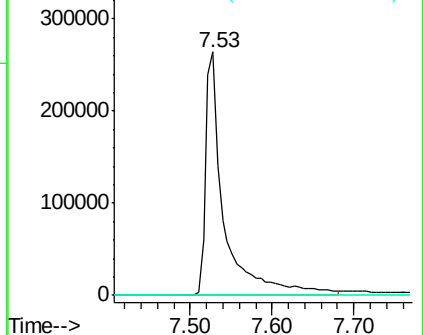
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.826 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

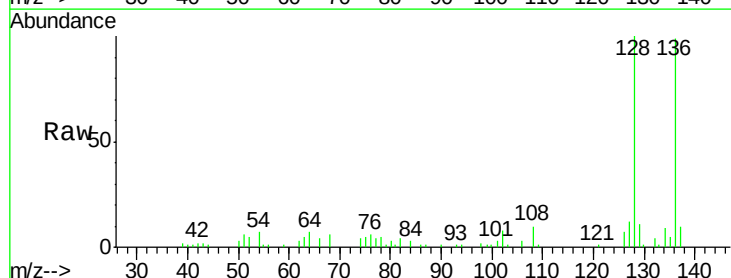
Tgt Ion: 128 Resp: 50426

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

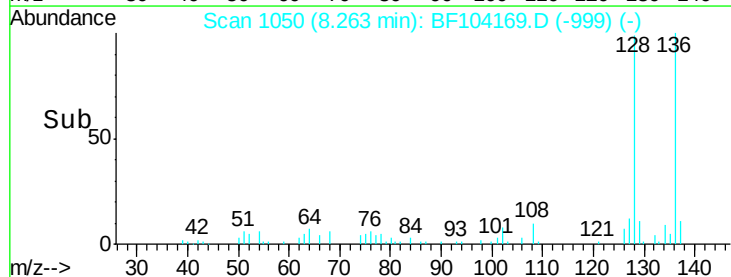
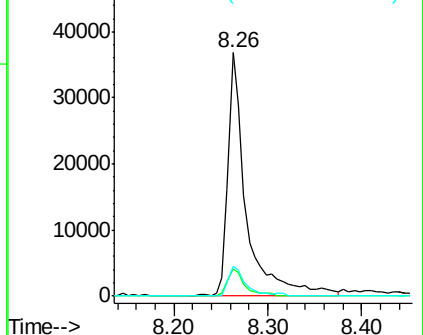
127 12.3 10.9 16.3

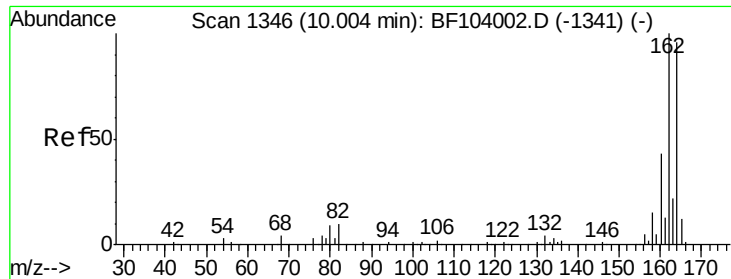


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

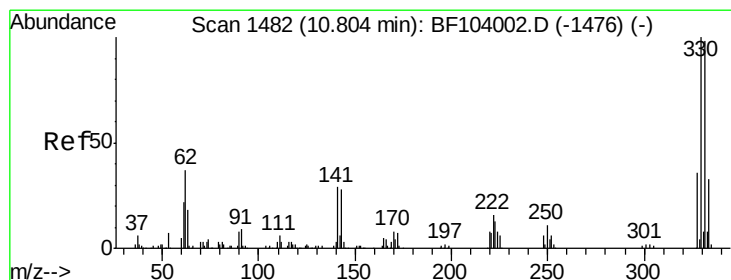
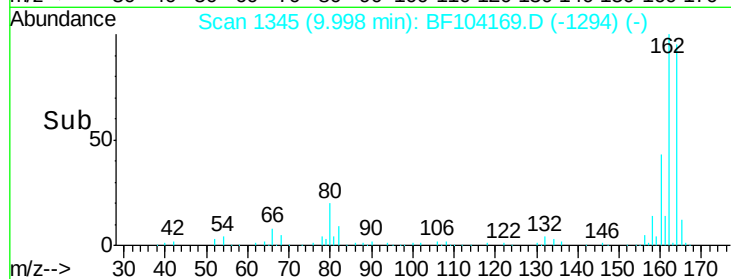
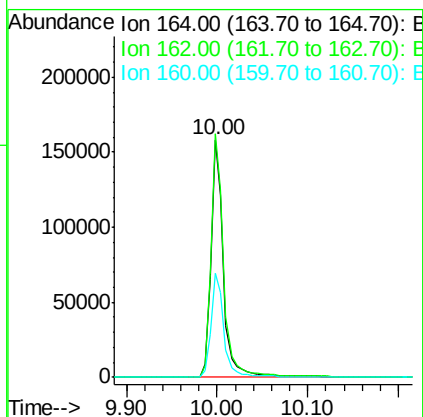
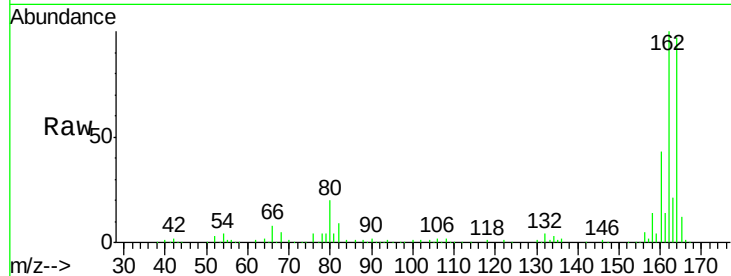




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104169.D
 Acq: 3 Apr 2018 8:46

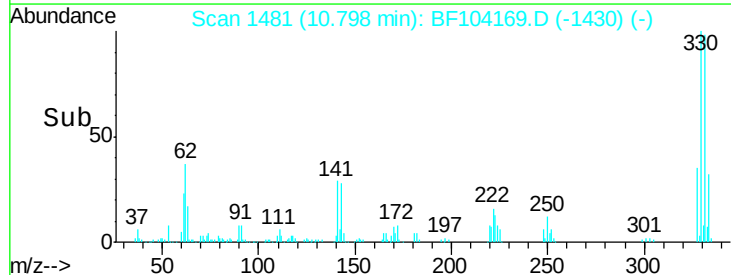
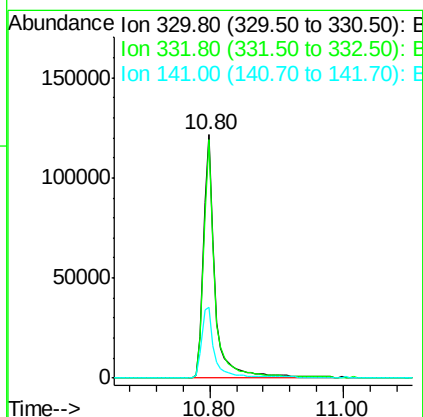
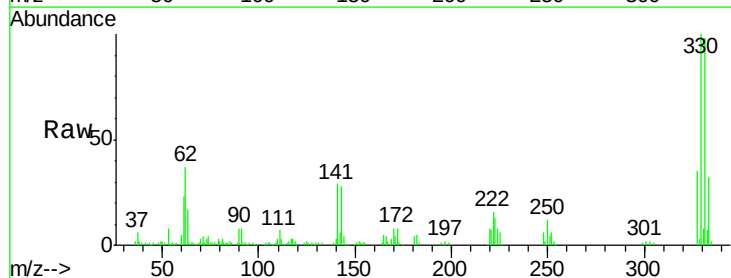
Instrument :
 BNA_F
 ClientSampleId :

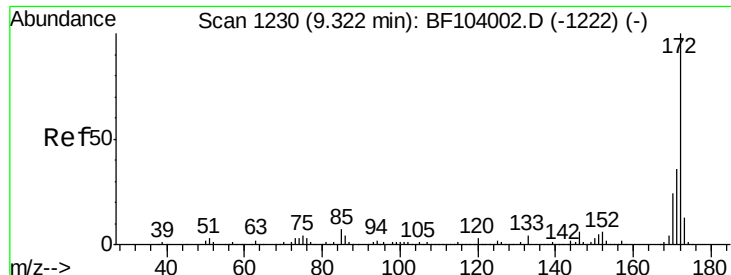
Tot Ion:164 Resp: 154164
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 43.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.949 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104169.D
 Acq: 3 Apr 2018 8:46

Tgt Ion:330 Resp: 144109
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 32.9 29.9 44.9

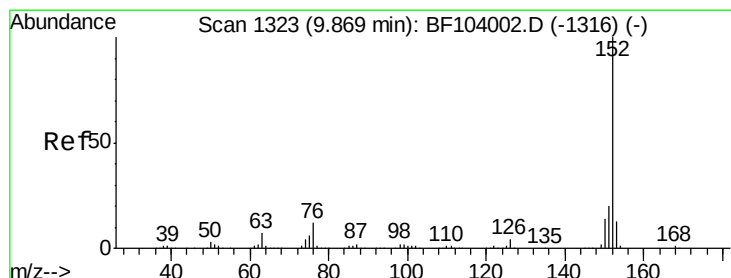
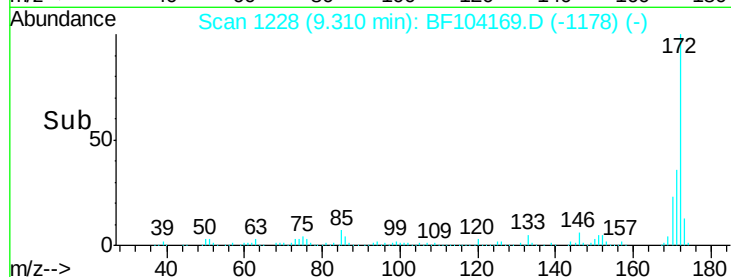
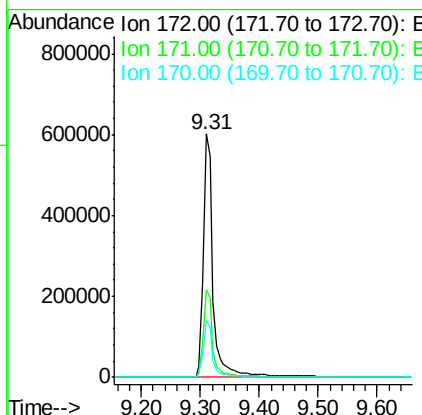
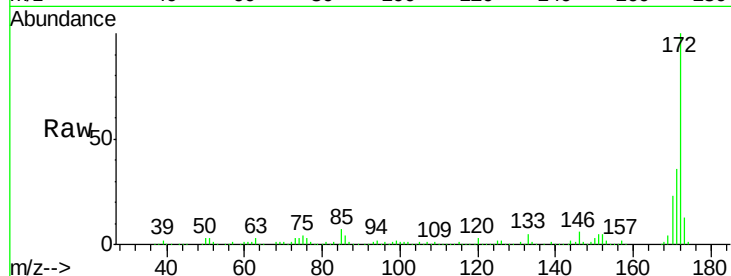




#44
 2-Fluorobiphenyl
 Concen: 70.817 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104169.D
 Acq: 3 Apr 2018 8:46

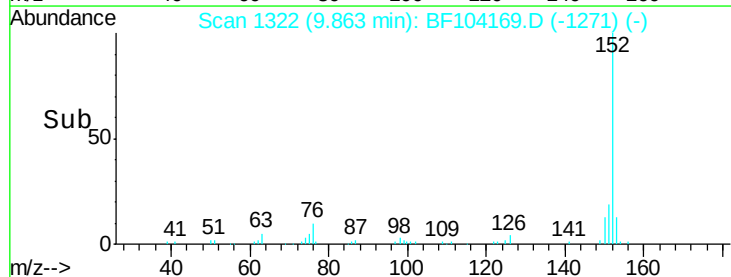
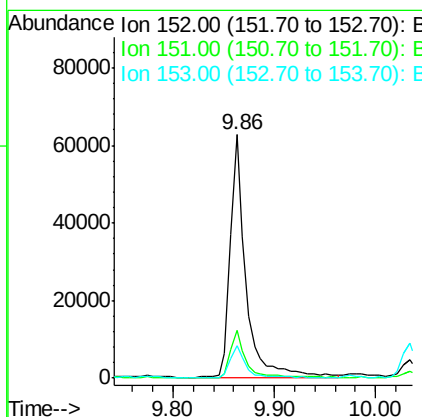
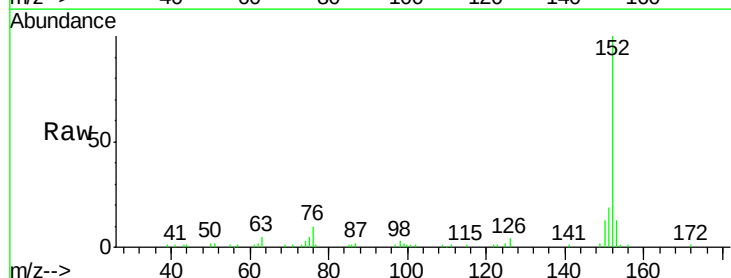
Instrument :
 BNA_F
 ClientSampleId :

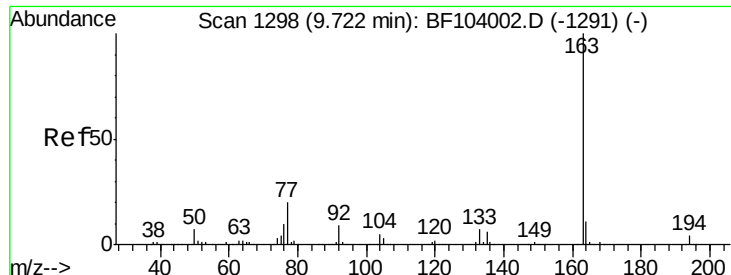
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	19.6	29.4



#48
 Acenaphthylene
 Concen: 4.361 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF104169.D
 Acq: 3 Apr 2018 8:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 5.290 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Instrument :

BNA_F

ClientSampleId :

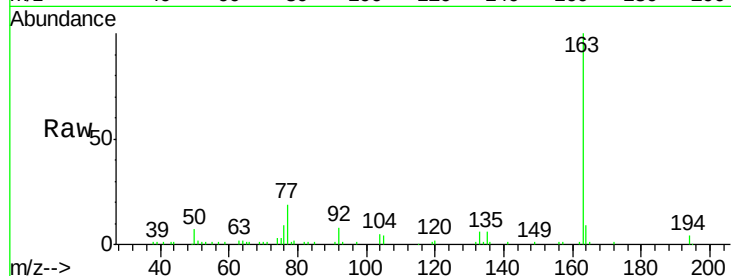
Tot Ion:163 Resp: 64391

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

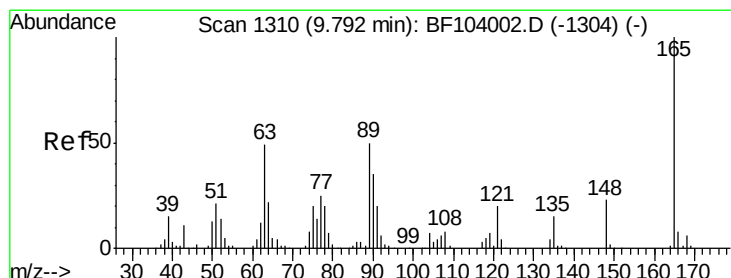
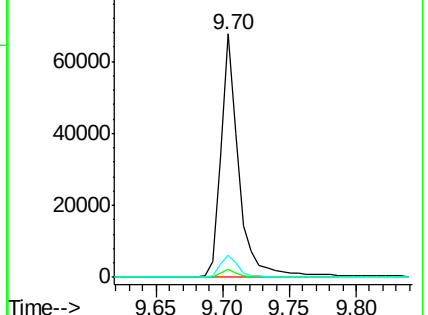
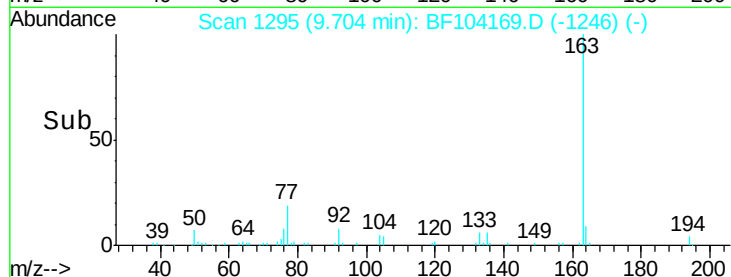
164 9.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.713 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.21 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

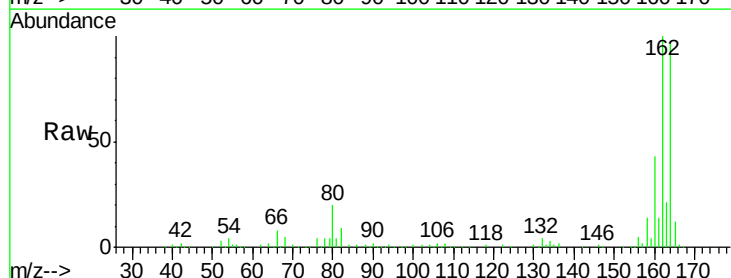
Tgt Ion:165 Resp: 20198

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

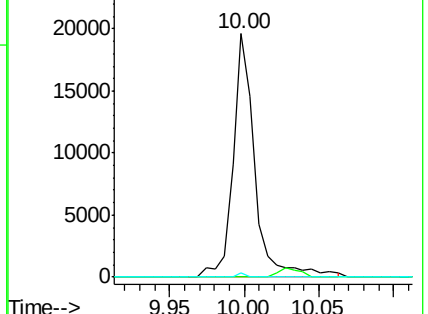
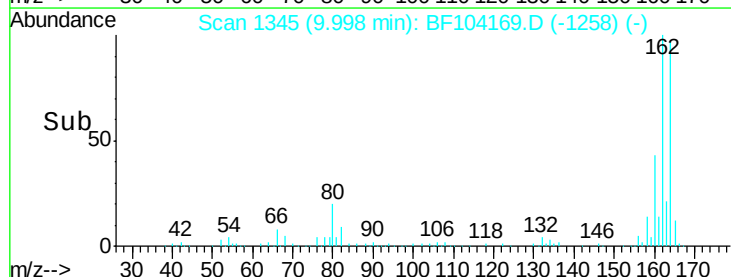
89 1.8 44.0 66.0#

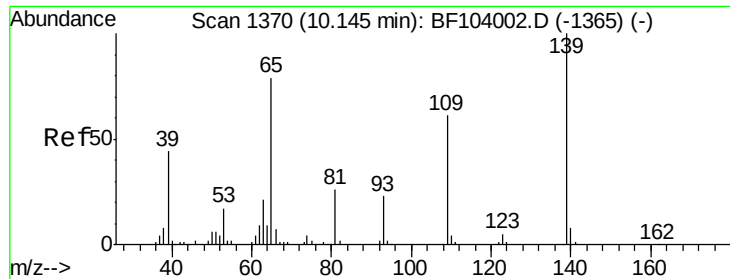


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

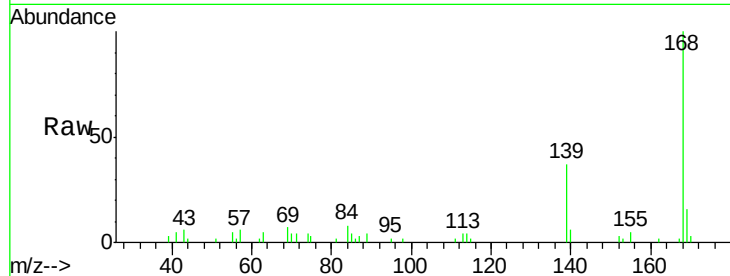




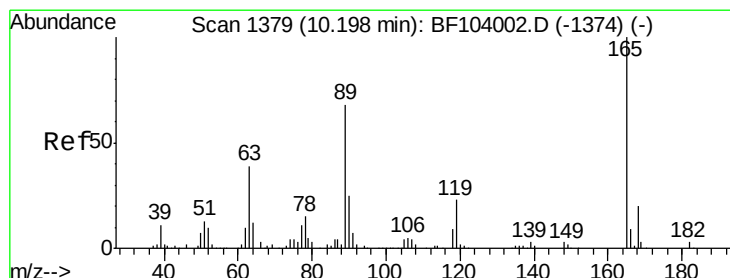
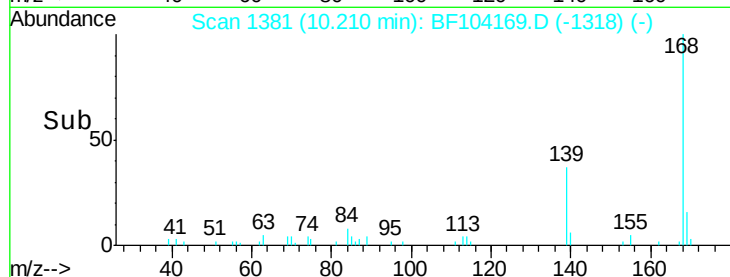
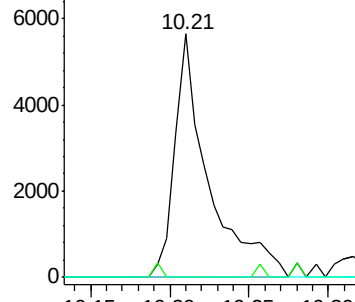
#55
4-Nitrophenol
Concen: 4.612 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.07 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

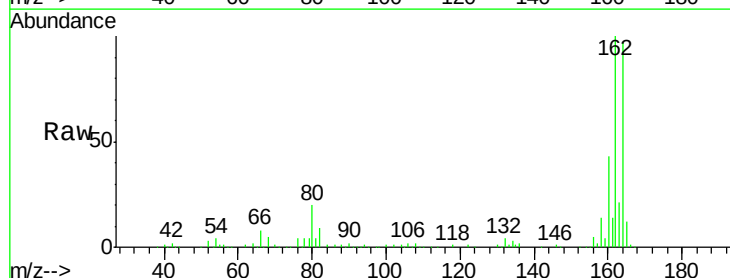


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

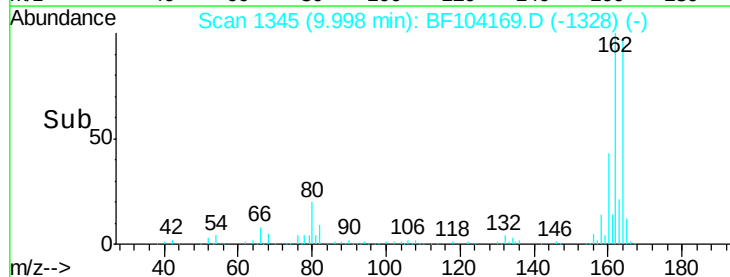
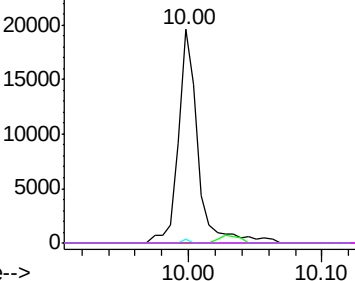


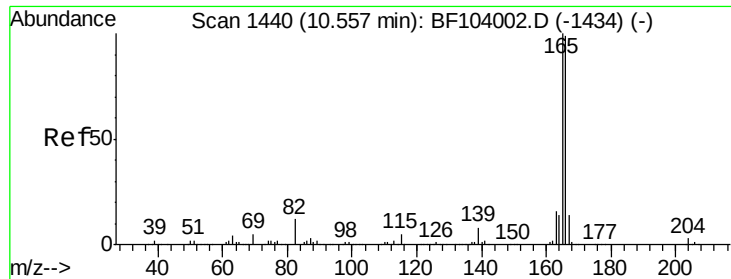
#56
2,4-Dinitrotoluene
Concen: 6.045 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	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): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

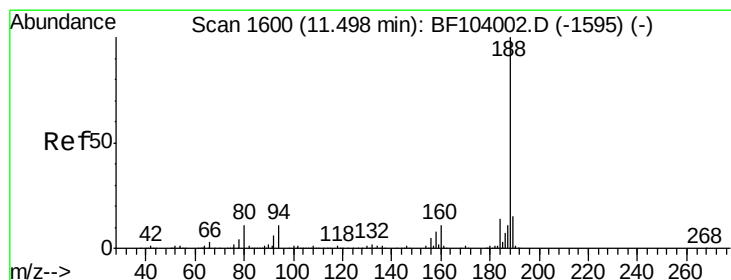
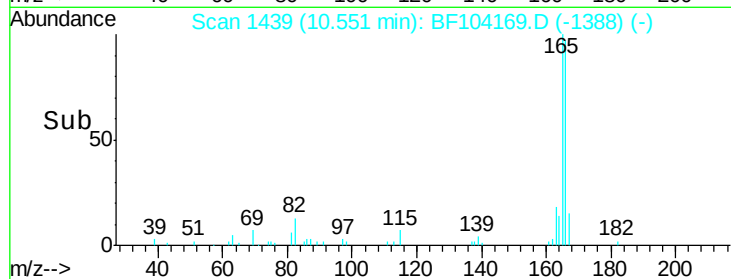
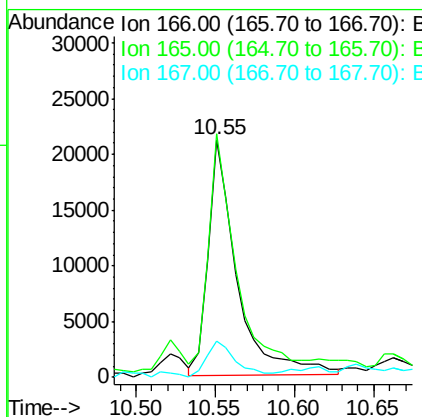
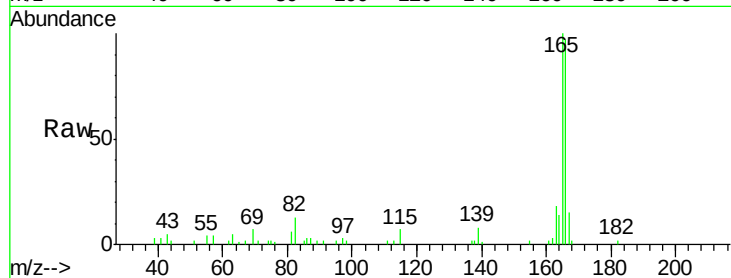




#57
Fluorene
 Concen: 2.444 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF104169.D
 Acq: 3 Apr 2018 8:46

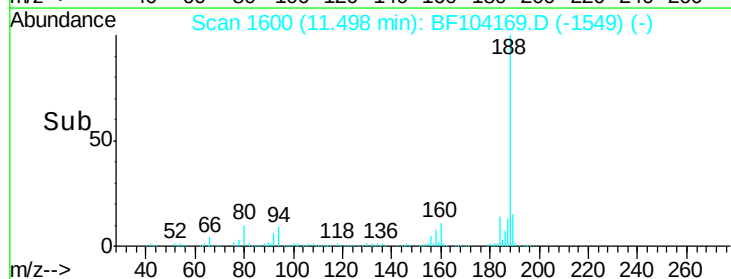
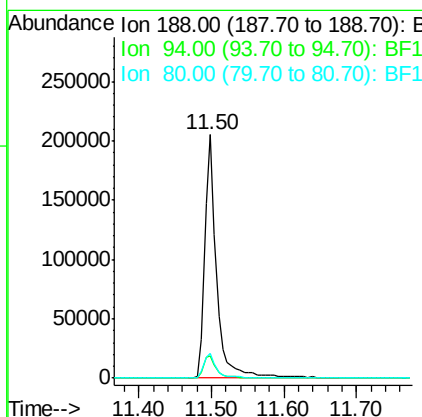
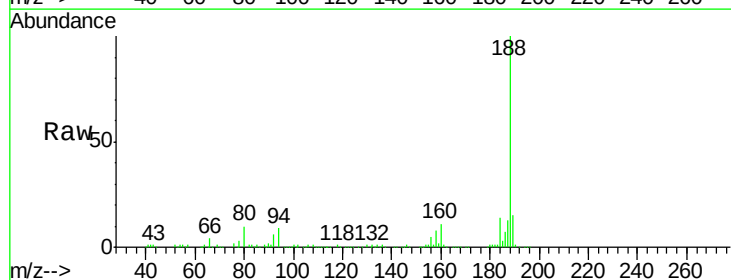
Instrument :
 BNA_F
 ClientSampleId :

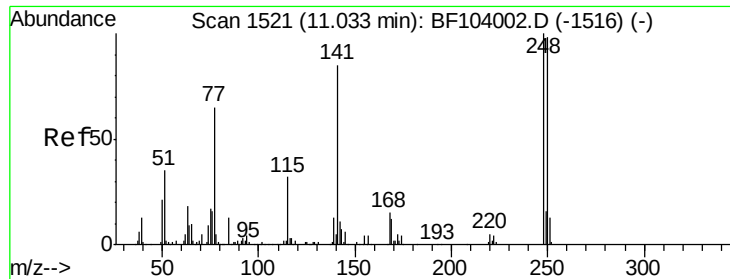
Tot Ion:166 Resp: 26928
 Ion Ratio Lower Upper
 166 100
 165 102.6 79.8 119.8
 167 15.3 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF104169.D
 Acq: 3 Apr 2018 8:46

Tgt Ion:188 Resp: 233955
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 10.3 9.2 13.8

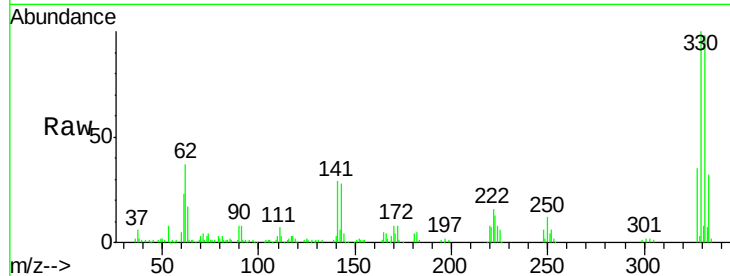




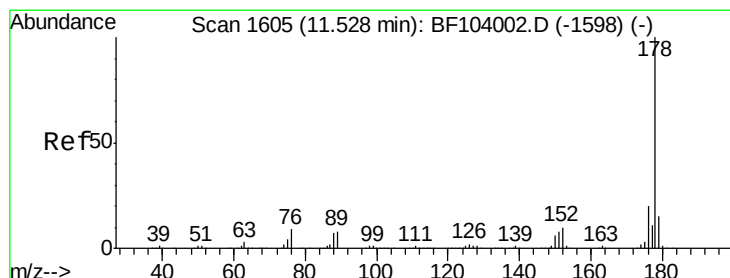
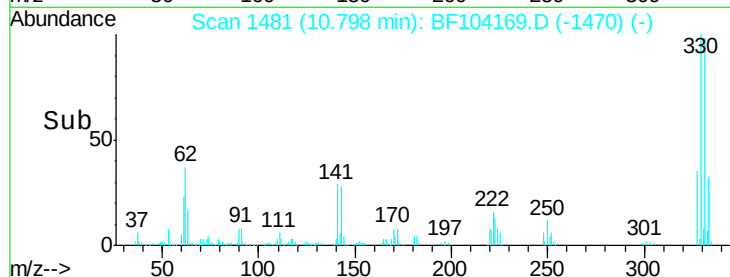
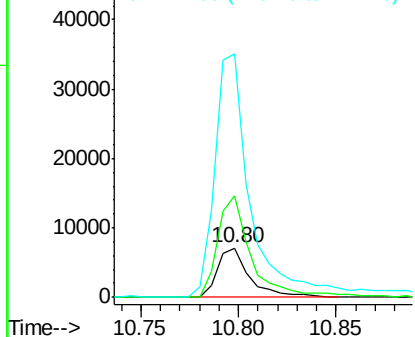
#66
4-Bromophenyl-phenylether
Concen: 3.279 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8208
Ion Ratio Lower Upper
248 100
250 206.2 76.9 115.3#
141 494.4 74.4 111.6#

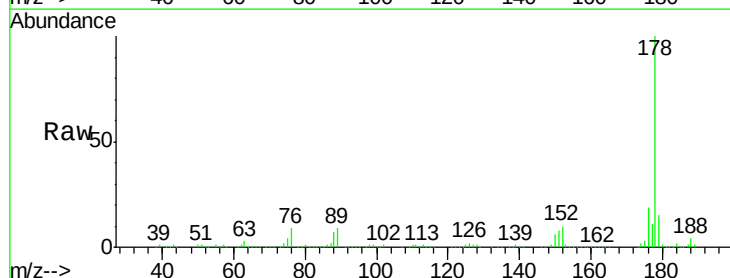


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

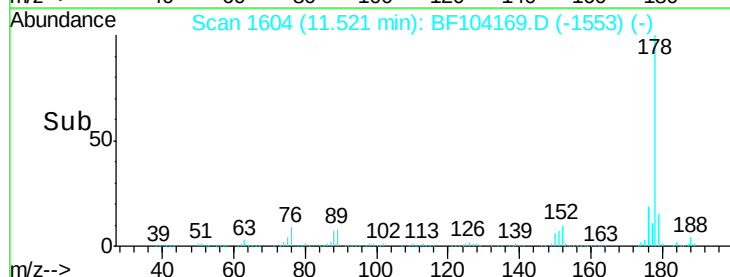
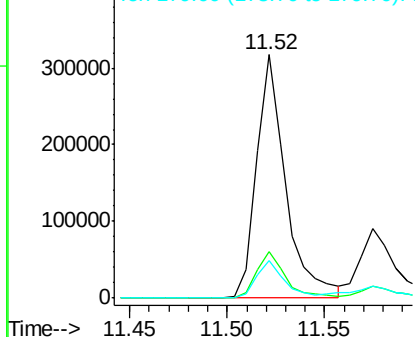


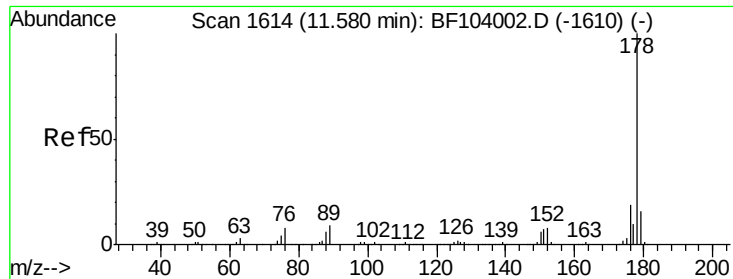
#70
Phenanthrene
Concen: 25.955 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Tgt Ion:178 Resp: 328761
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.3 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

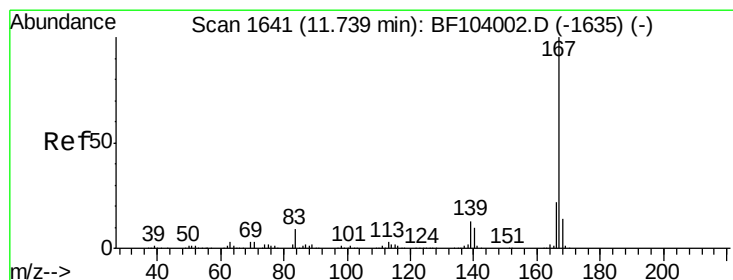
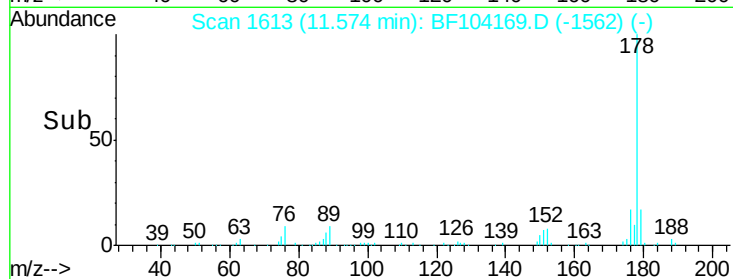
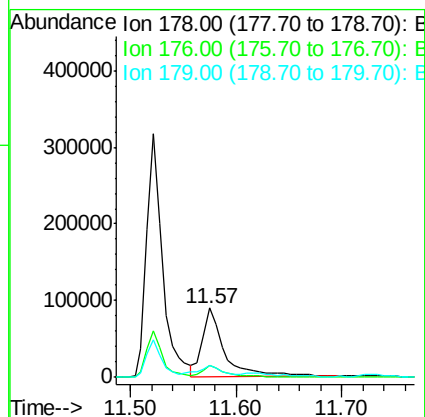
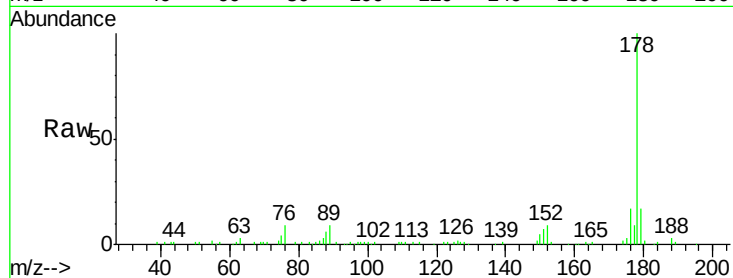




#71
 Anthracene
 Concen: 9.714 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104169.D
 Acq: 3 Apr 2018 8:46

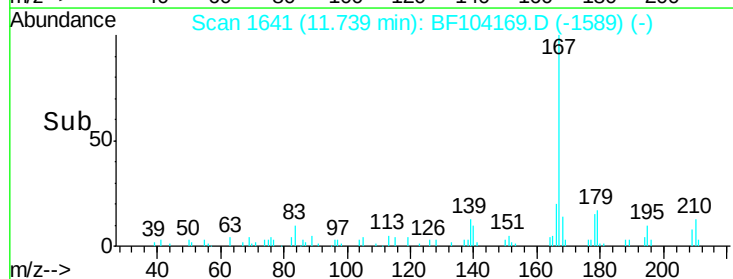
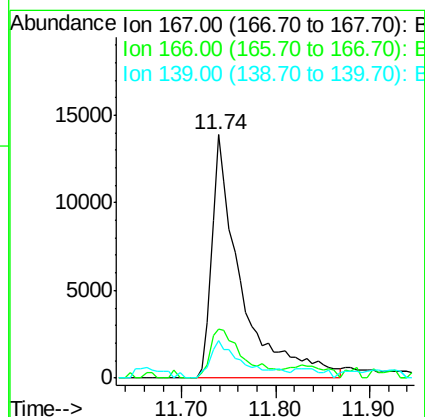
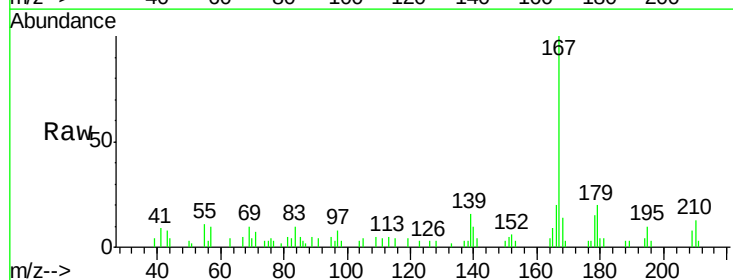
Instrument :
 BNA_F
 ClientSampleId :

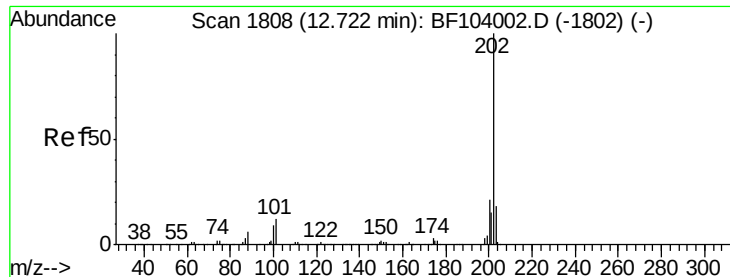
Tot Ion:178 Resp: 128518
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.4 23.2
 179 17.1 12.6 19.0



#72
 Carbazole
 Concen: 2.386 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF104169.D
 Acq: 3 Apr 2018 8:46

Tgt Ion:167 Resp: 30126
 Ion Ratio Lower Upper
 167 100
 166 20.0 17.6 26.4
 139 15.6 10.9 16.3

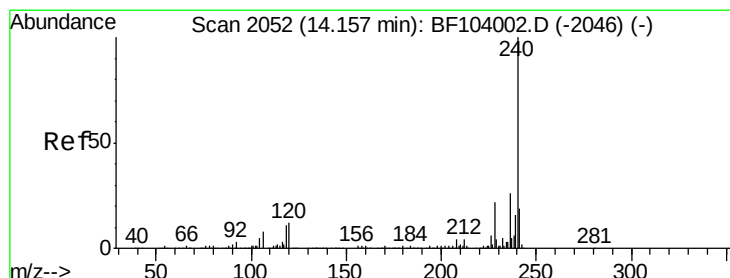
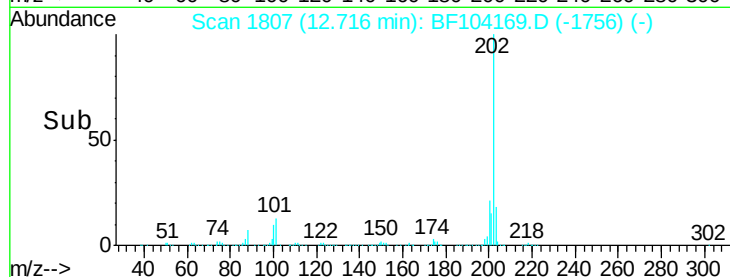
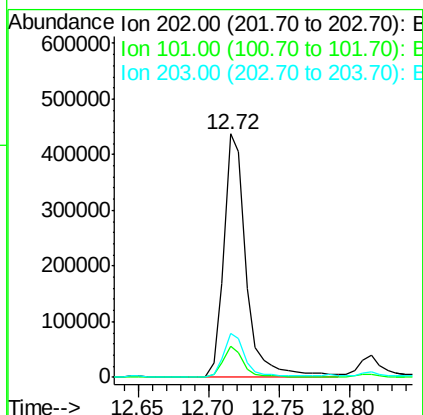
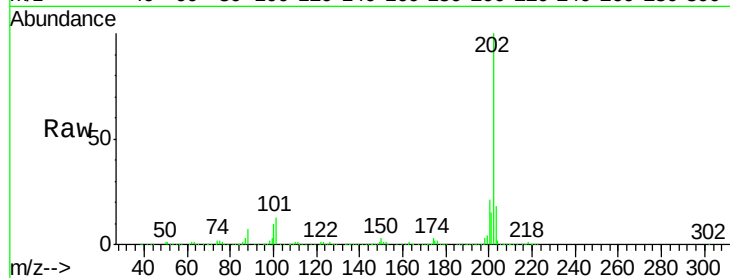




#74
Fluoranthene
Concen: 35.749 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

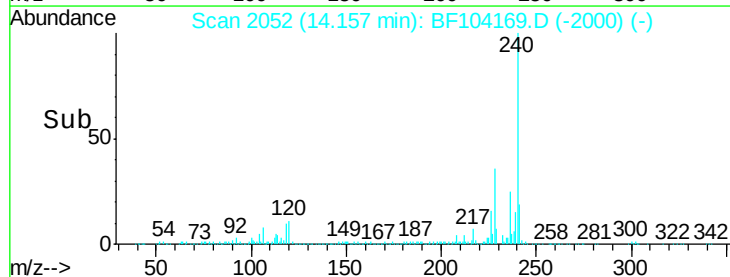
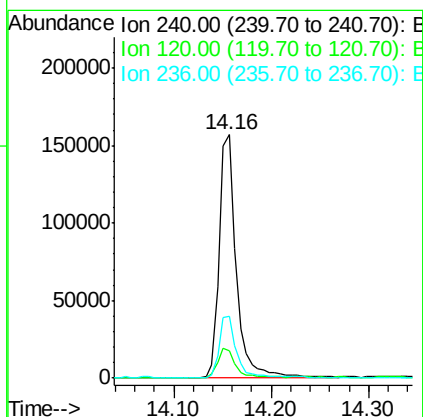
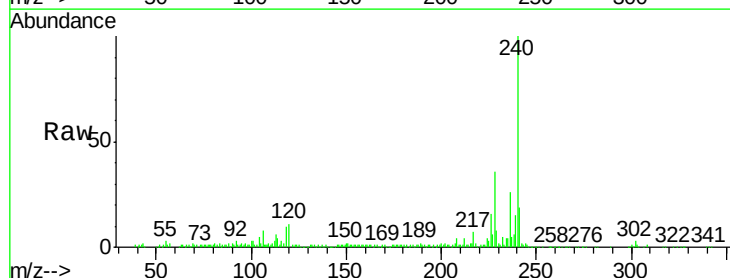
Instrument :
BNA_F
ClientSampled :

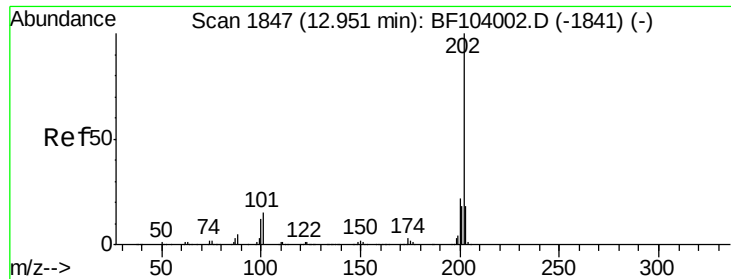
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.0	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.6	20.7	31.1





#77

Pvrene

Concen: 31.954 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Instrument :

BNA_F

ClientSampled :

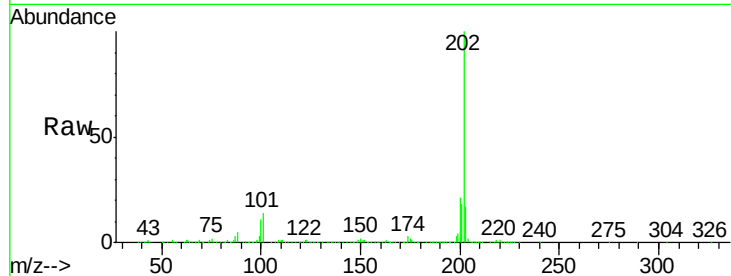
Tot Ion:202 Resp: 439356

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

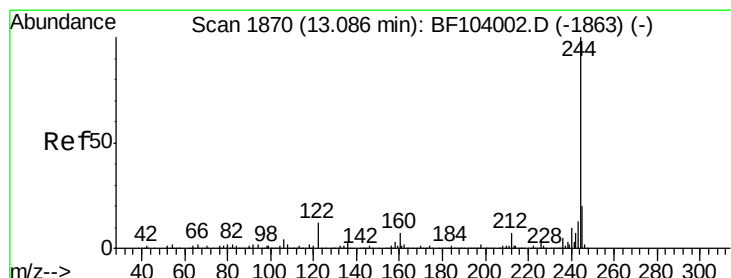
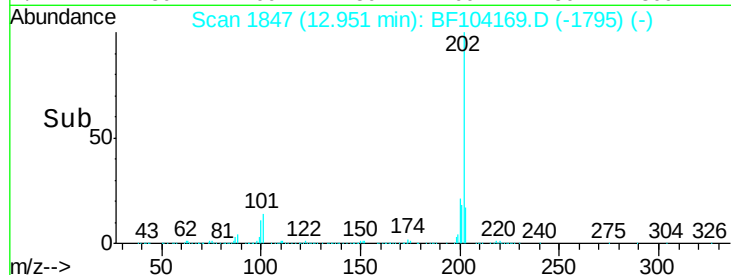
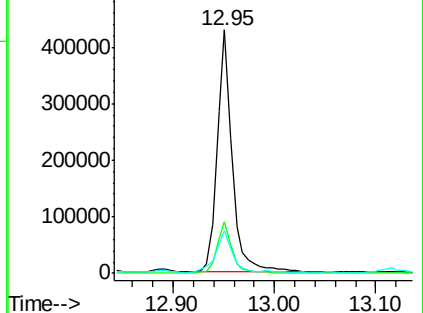
203 17.3 14.3 21.5



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: 54.135 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

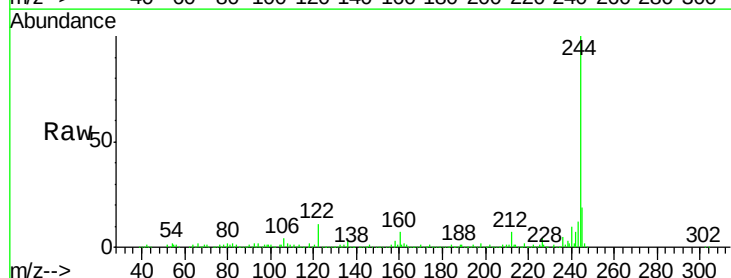
Tgt Ion:244 Resp: 448452

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

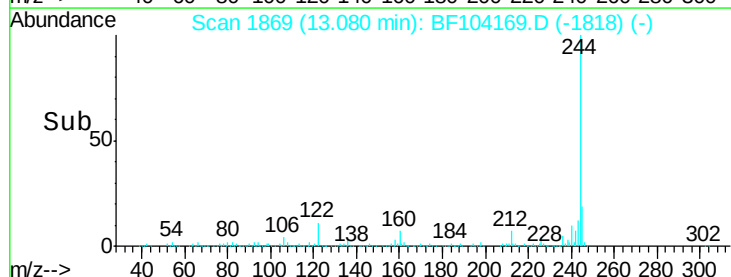
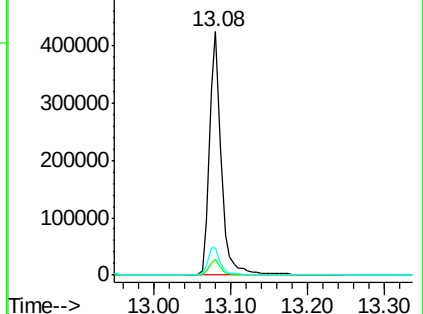
122 11.4 11.0 16.4

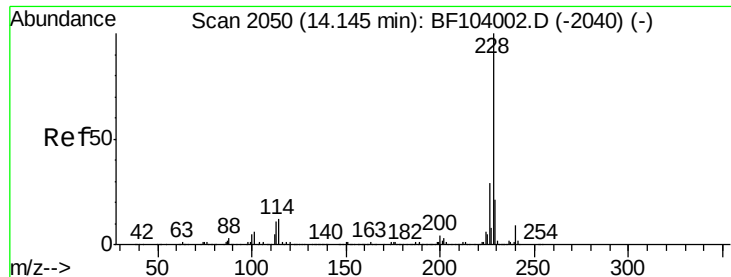


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

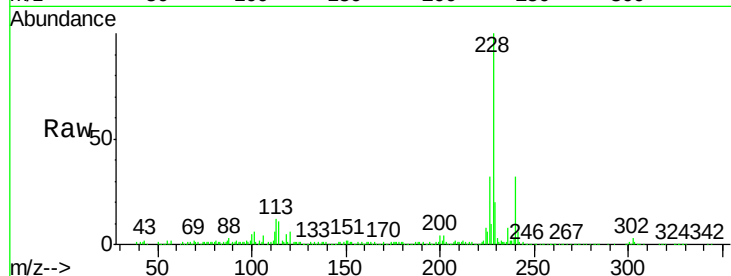




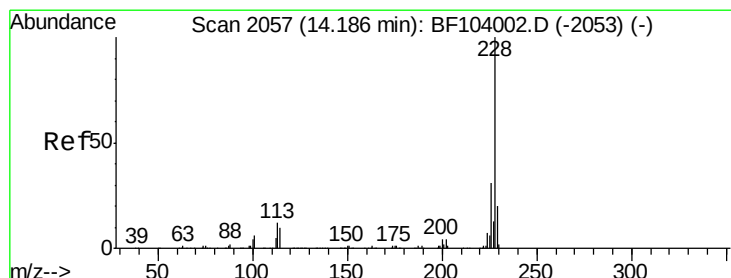
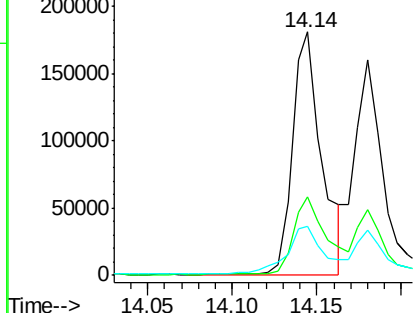
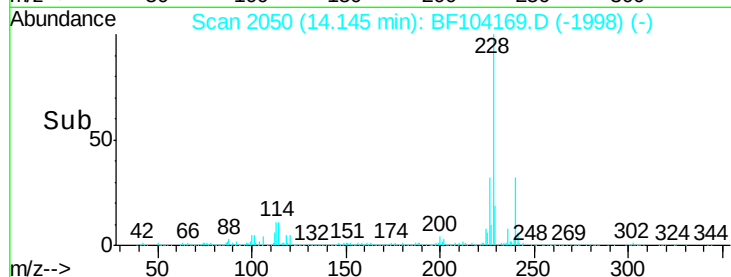
#80
Benzo(a)anthracene
Concen: 18.160 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 217342
Ion Ratio Lower Upper
228 100
226 32.4 22.6 33.8
229 20.0 15.8 23.6

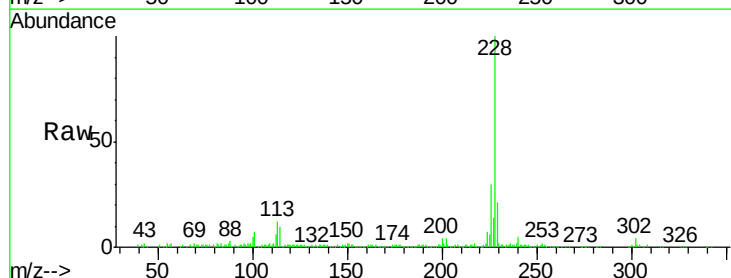


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

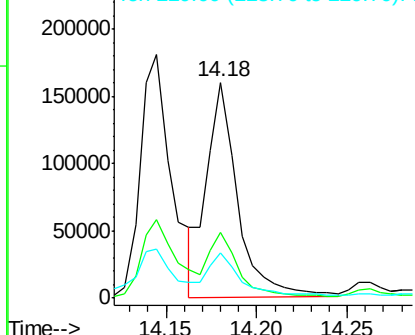
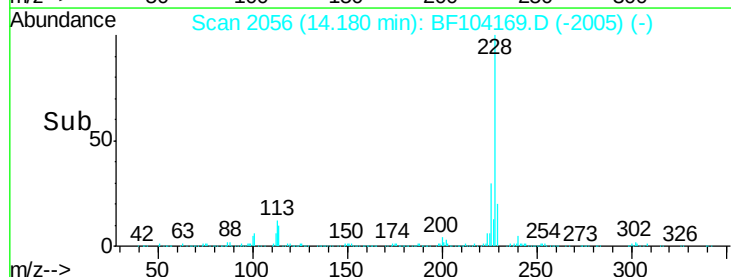


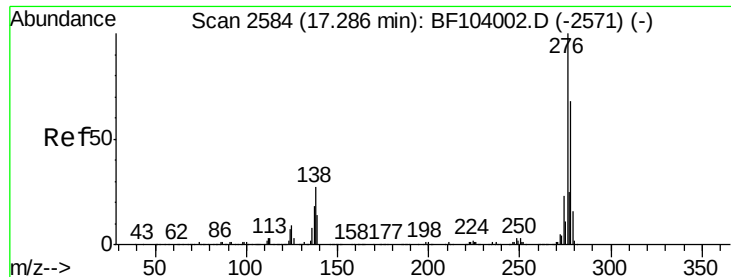
#82
Chrysene
Concen: 16.432 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Tgt Ion:228 Resp: 192622
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 21.1 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





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.240 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Instrument :

BNA_F

ClientSampleId :

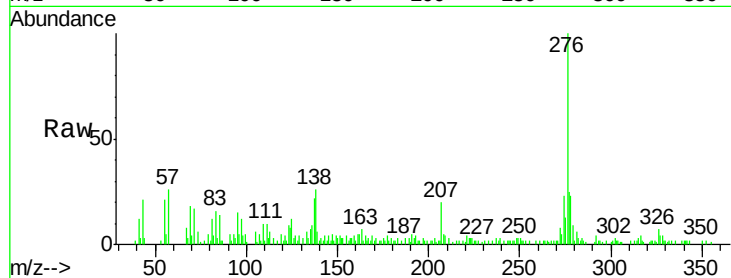
Tot Ion:276 Resp: 63656

Ion Ratio Lower Upper

276 100

138 21.1 25.0 37.6#

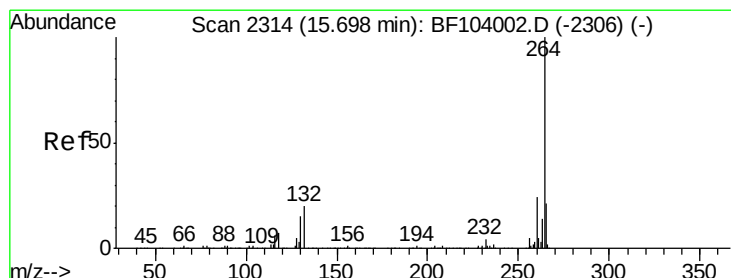
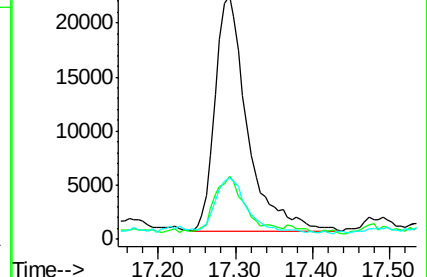
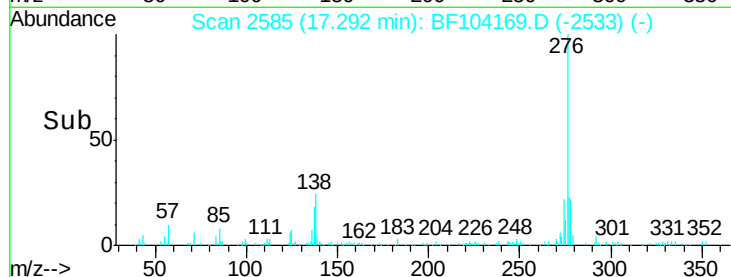
277 23.3 20.1 30.1



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: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

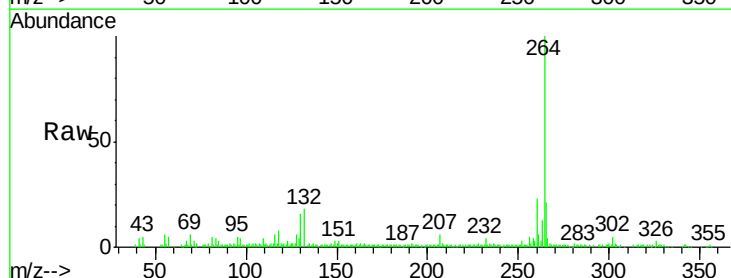
Tgt Ion:264 Resp: 129632

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

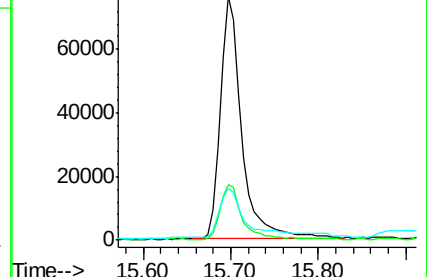
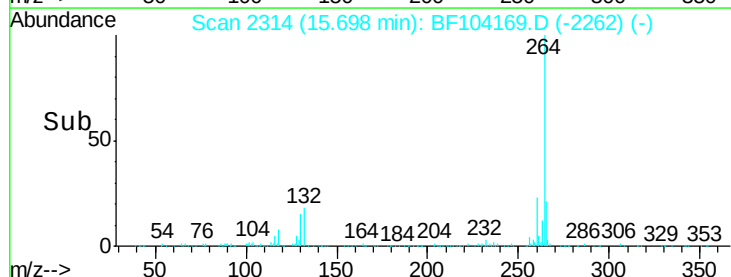
265 21.4 17.5 26.3

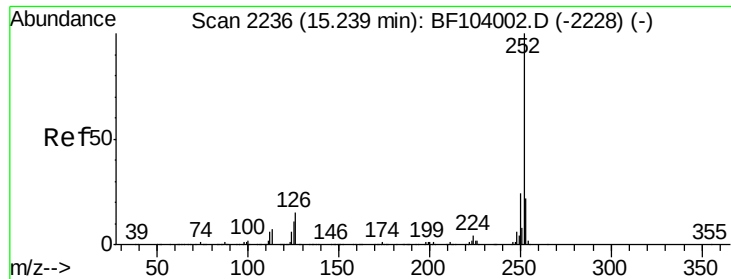


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

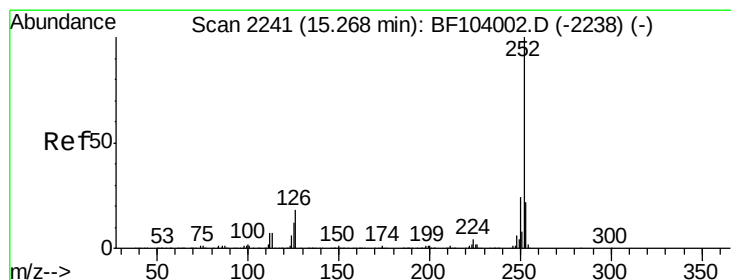
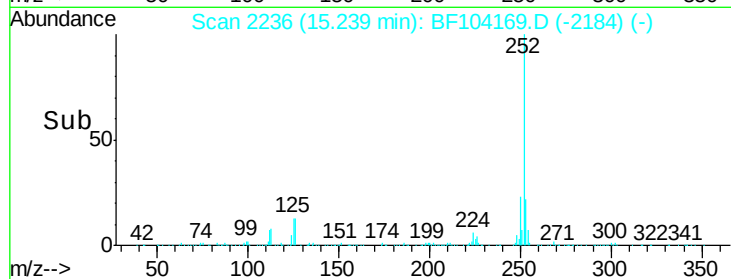
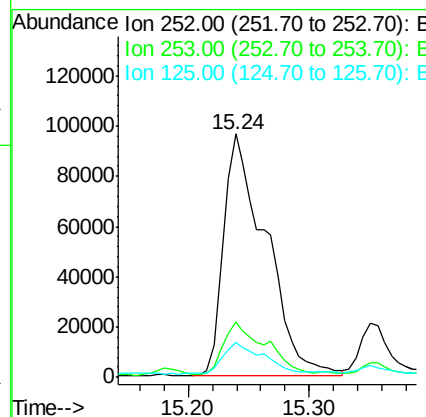
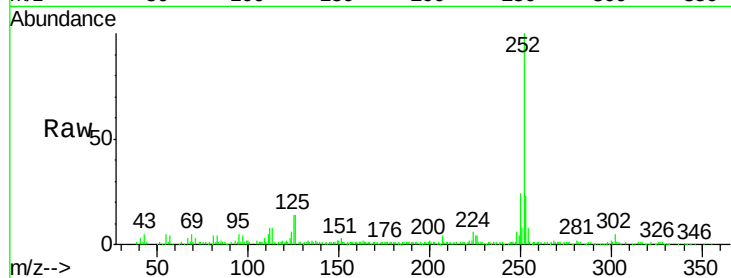




#87
Benzo(b)fluoranthene
Concen: 29.606 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

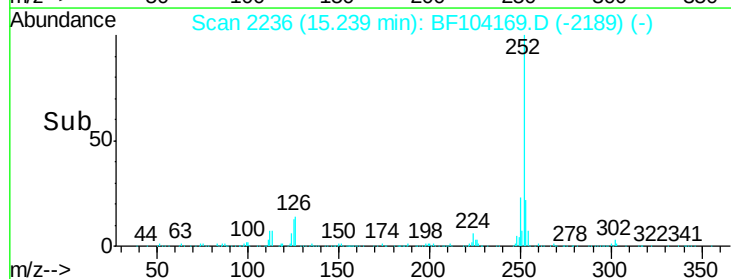
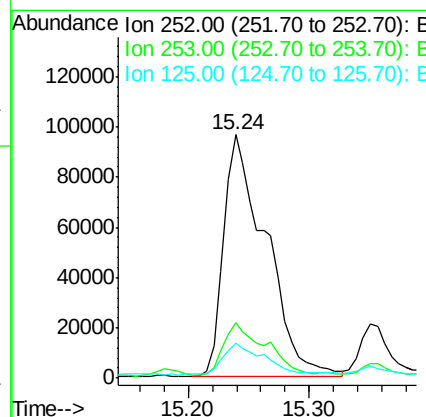
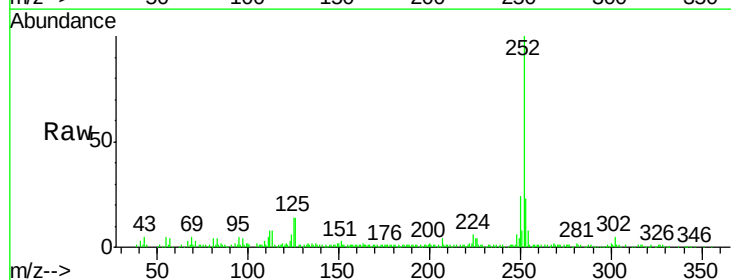
Instrument :
BNA_F
ClientSampleId :

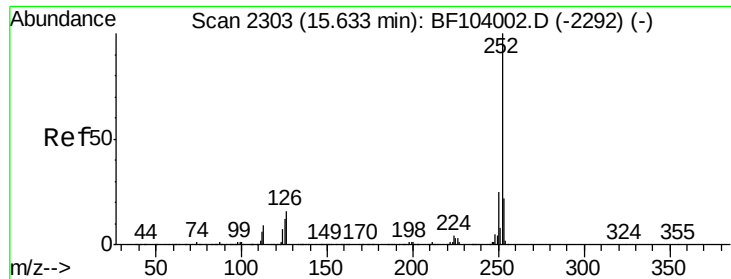
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	14.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 31.428 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF104169.D
Acq: 3 Apr 2018 8:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	14.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 16.724 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Instrument :

BNA_F

ClientSampleId :

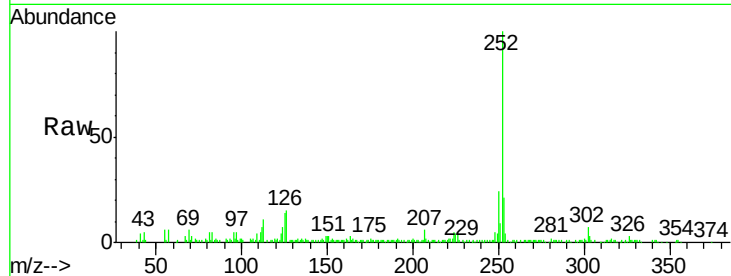
Tot Ion:252 Resp: 122271

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

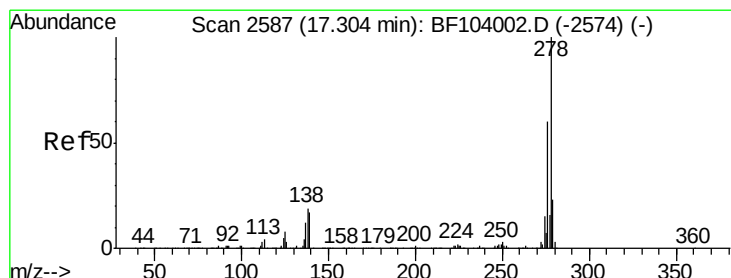
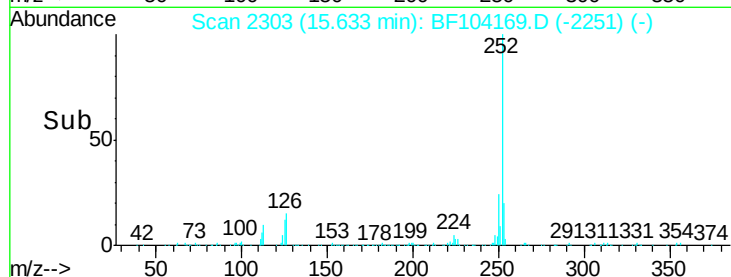
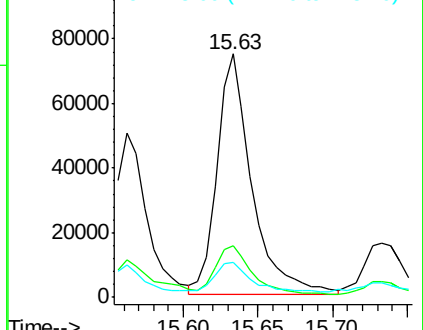
125 14.3 9.8 14.6



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: 2.132 ng

RT: 17.30 min Scan# 2586

Delta R.T. -0.00 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

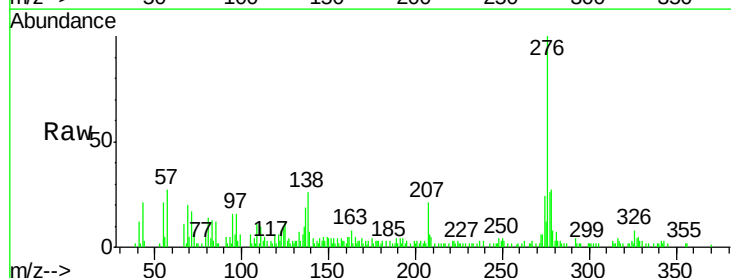
Tgt Ion:278 Resp: 14414

Ion Ratio Lower Upper

278 100

139 24.3 15.9 23.9#

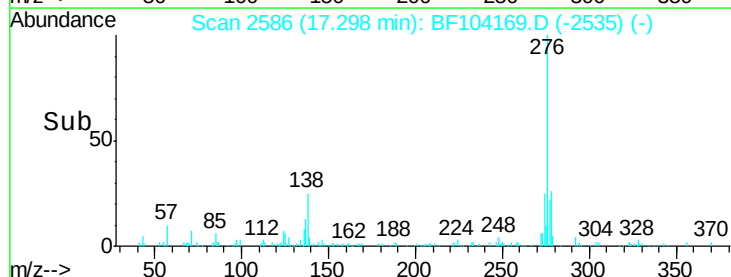
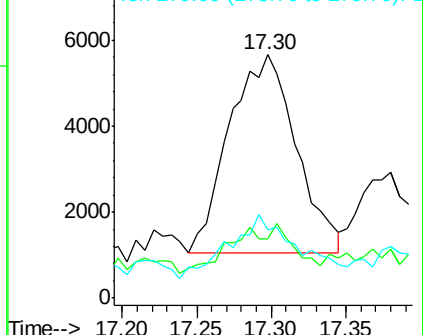
279 27.9 19.0 28.4

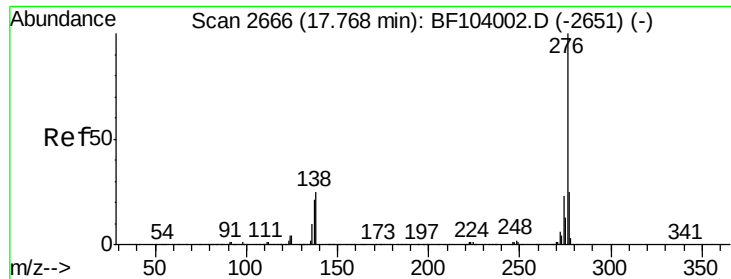


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 8.750 ng

RT: 17.77 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BF104169.D

Acq: 3 Apr 2018 8:46

Instrument :

BNA_F

ClientSampleId :

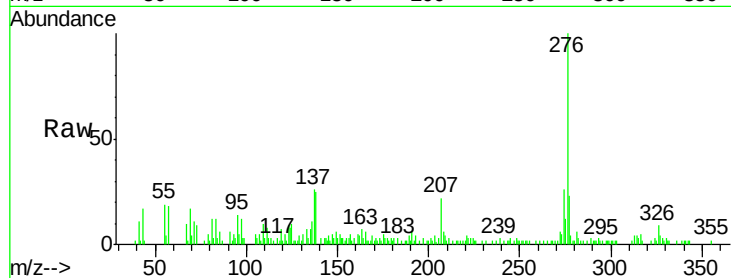
Tot Ion: 276 Resp: 59238

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 24.9 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

