

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103987.D
 Acq On : 27 Mar 2018 22:58
 Operator : JU/SJ
 Sample : J2071-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 03:59:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147625	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	587196	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	252072	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	390757	20.00	ng	0.00
75) Chrysene-d12	14.16	240	267075	20.00	ng	-0.01
86) Perylene-d12	15.70	264	231486	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	778846	80.25	ng	0.02
7) Phenol-d6	6.60	99	975454	82.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	591748	70.28	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	179103	82.64	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	913889	57.83	ng	0.00
78) Terphenyl-d14	13.09	244	626628	54.46	ng	-0.01

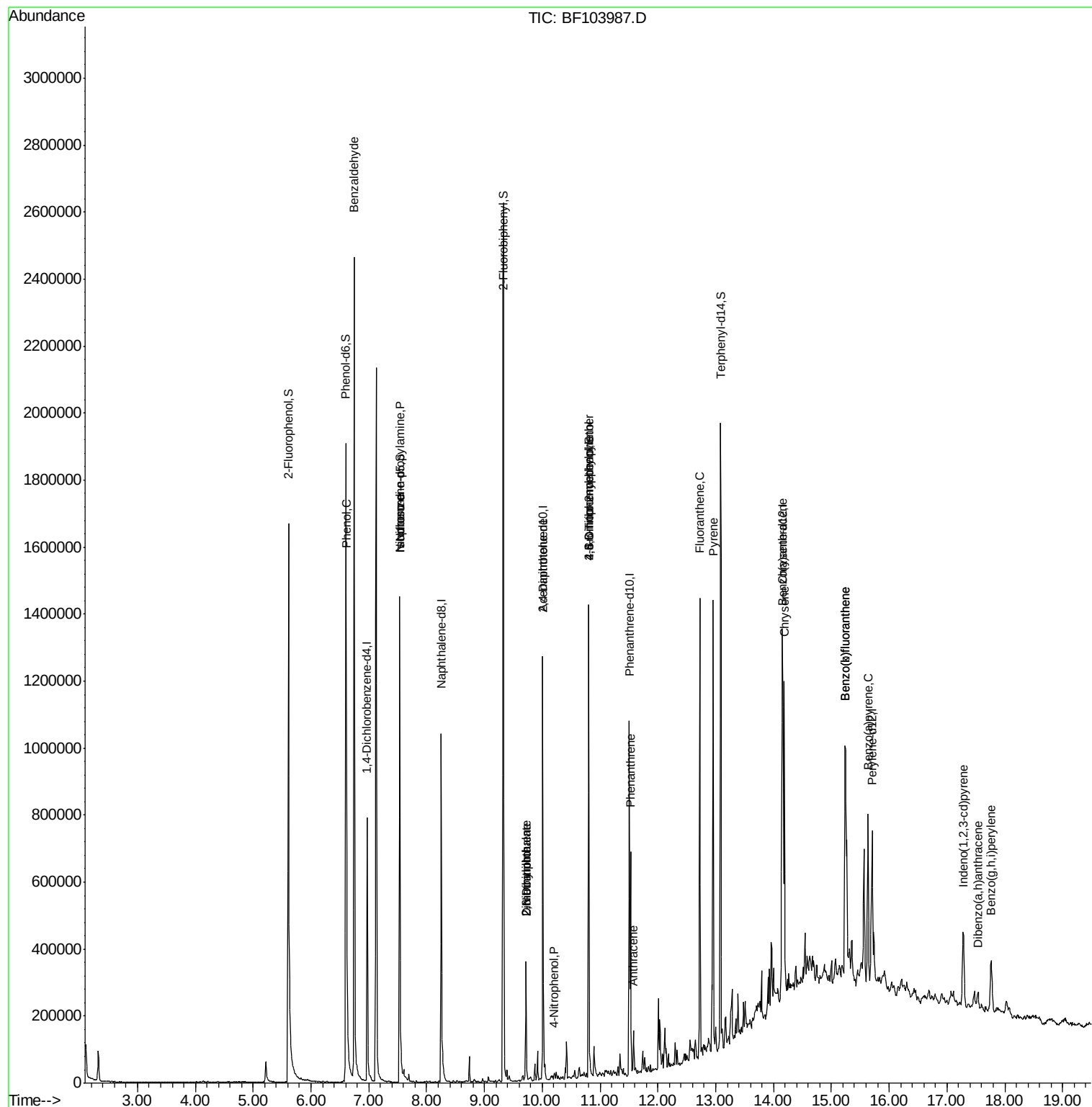
Target Compounds				Qvalue		
9) Benzaldehyde	6.75	77	17027	2.183	ng	83
10) Phenol	6.62	94	27087	2.147	ng	# 45
19) n-Nitroso-di-n-propylamine	7.53	70	76919	10.108	ng	# 74
25) Isophorone	7.53	82	591745	30.358	ng	# 64
47) 2-Nitroaniline	9.72	65	1287	7.067	ng	# 1
49) Dimethylphthalate	9.72	163	145404	7.561	ng	99
50) 2,6-Dinitrotoluene	9.72	165	1389	4.326	ng	# 8
55) 4-Nitrophenol	10.22	139	1859	5.465	ng	# 9
56) 2,4-Dinitrotoluene	10.01	165	34017	12.497	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	423	8.441	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	10956	2.731	ng	# 1
70) Phenanthrene	11.53	178	236447	11.062	ng	98
71) Anthracene	11.58	178	53502	2.464	ng	98
74) Fluoranthene	12.73	202	588837	26.739	ng	97
77) Pyrene	12.96	202	532471	27.148	ng	99
80) Benzo(a)anthracene	14.14	228	331929	19.634	ng	99
82) Chrysene	14.19	228	348972	21.654	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	152386	10.828	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	571562	39.082	ng	96
88) Benzo(k)fluoranthene	15.24	252	571562	40.657	ng	98
89) Benzo(a)pyrene	15.63	252	252276	19.019	ng	97
90) Dibenzo(a,h)anthracene	17.53	278	23799	2.072	ng	94
91) Benzo(g,h,i)perylene	17.77	276	140393	12.564	ng	95

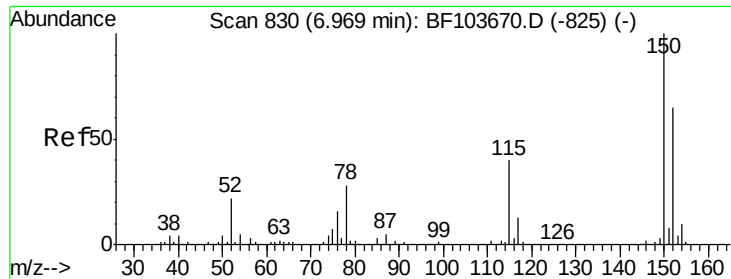
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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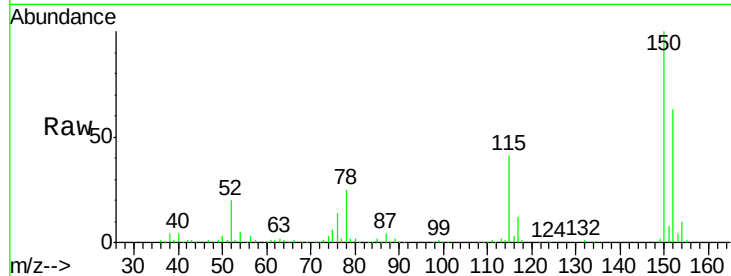


#1

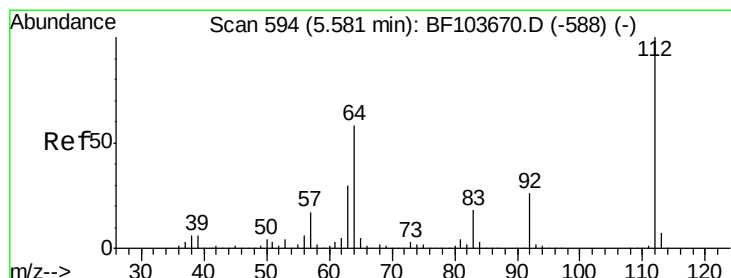
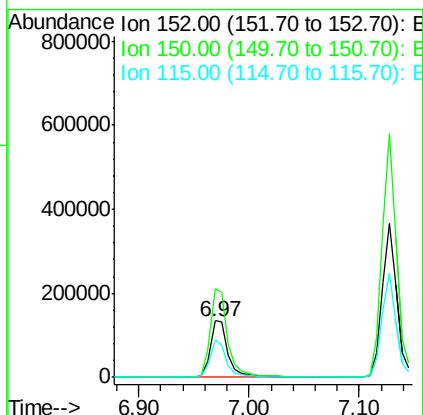
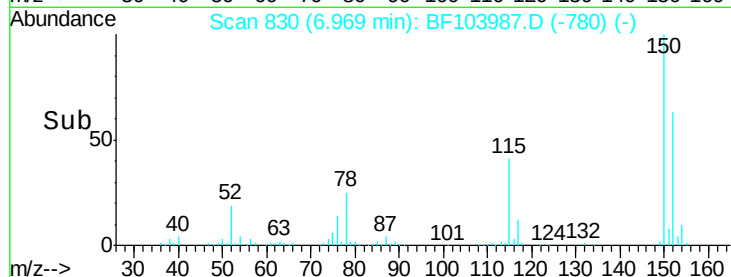
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147625
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 65.5 50.1 75.1



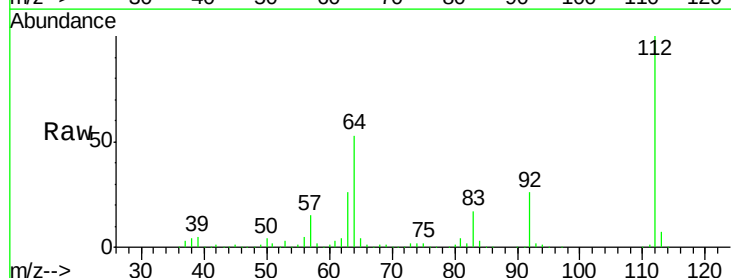
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



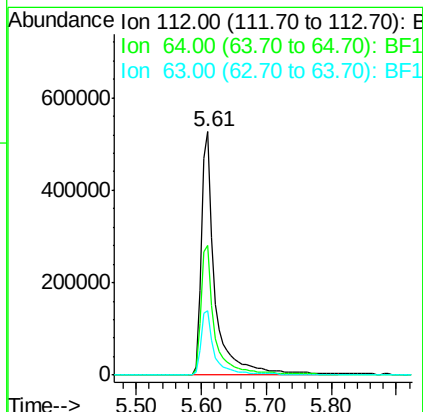
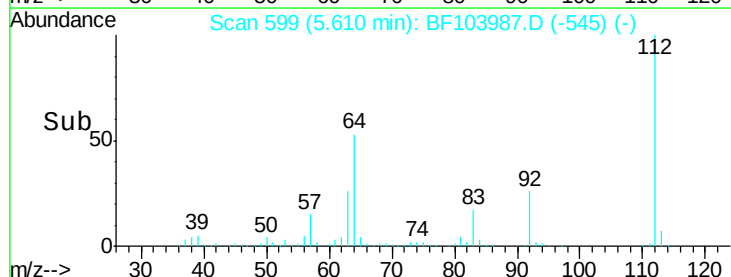
#5

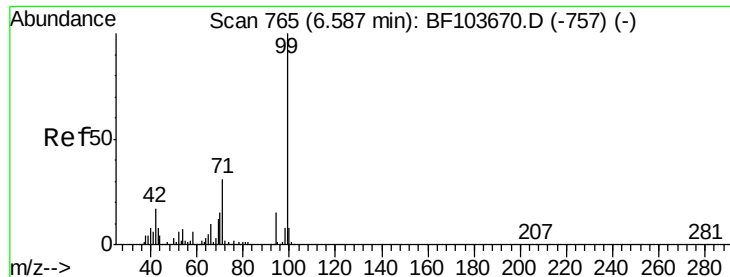
2-Fluorophenol
Concen: 80.245 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion:112 Resp: 778846
Ion Ratio Lower Upper
112 100
64 53.1 47.9 71.9
63 26.4 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: 82.148 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

ClientSampled :

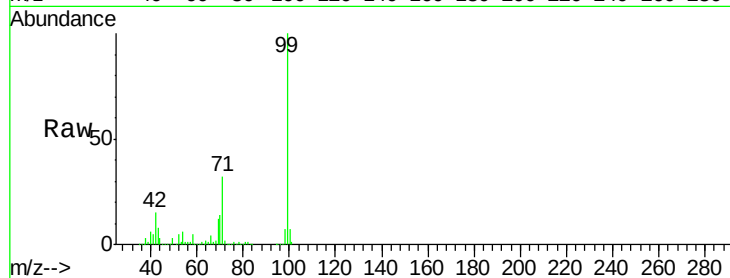
Tot Ion: 99 Resp: 975454

Ion Ratio Lower Upper

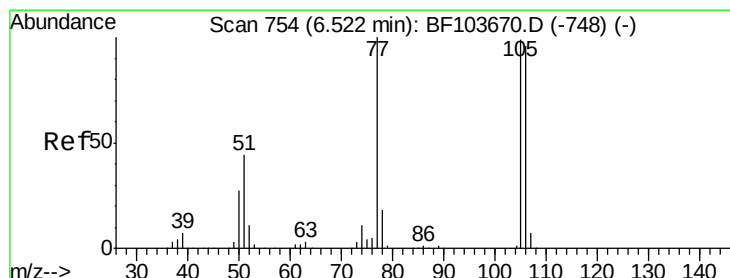
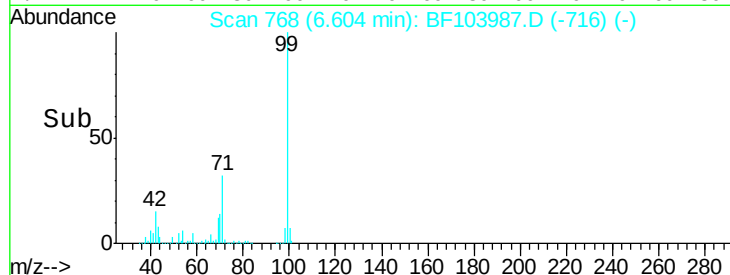
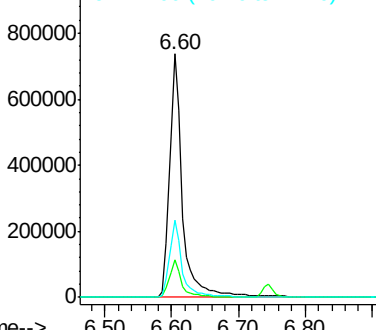
99 100

42 15.2 14.5 21.7

71 31.6 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: 2.183 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

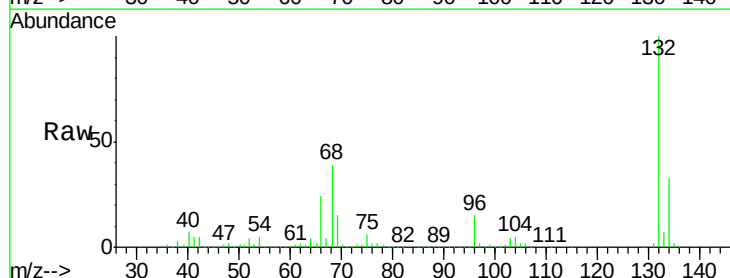
Tgt Ion: 77 Resp: 17027

Ion Ratio Lower Upper

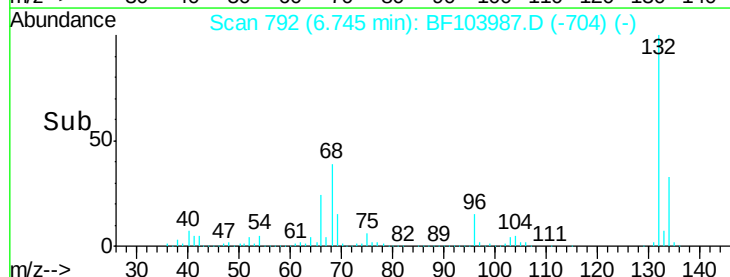
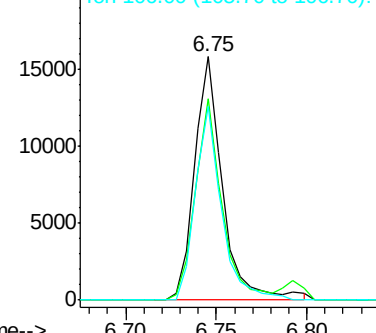
77 100

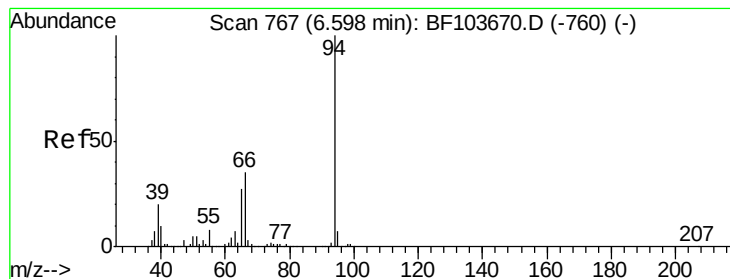
105 82.6 81.1 121.1

106 79.4 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: 2.147 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

ClientSampleId :

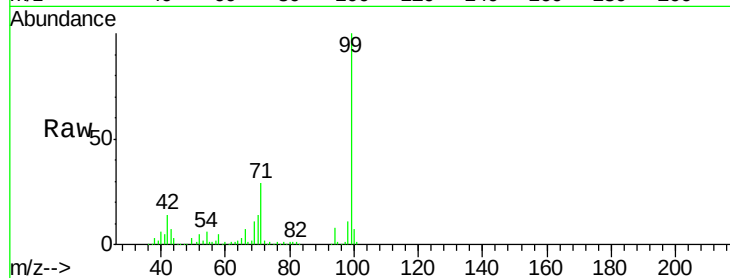
Tot Ion: 94 Resp: 27087

Ion Ratio Lower Upper

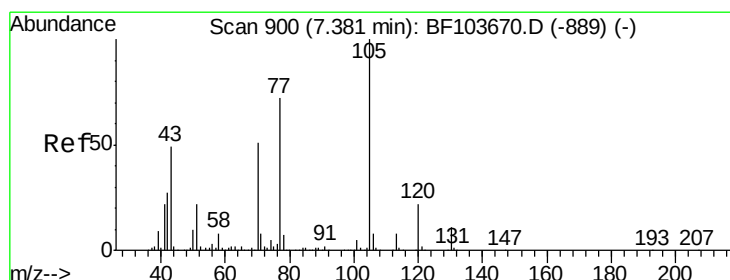
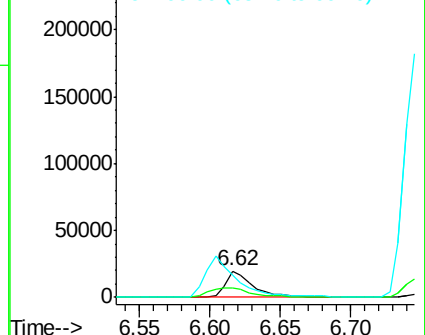
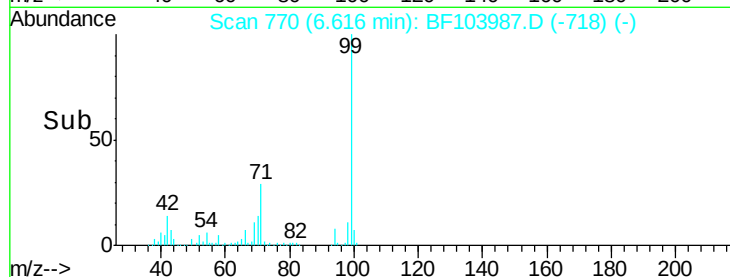
94 100

65 37.8 7.9 47.9

66 84.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.108 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Tgt Ion: 70 Resp: 76919

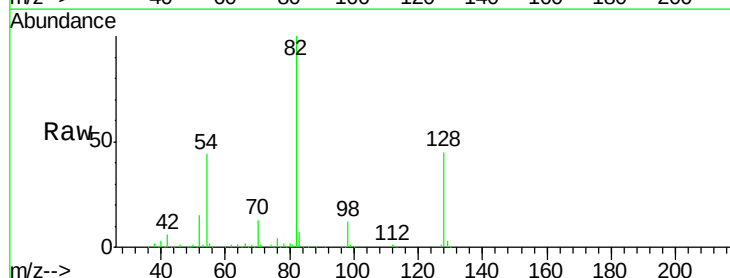
Ion Ratio Lower Upper

70 100

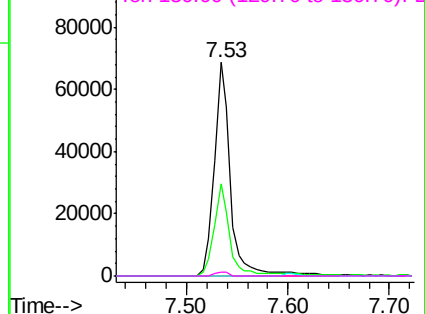
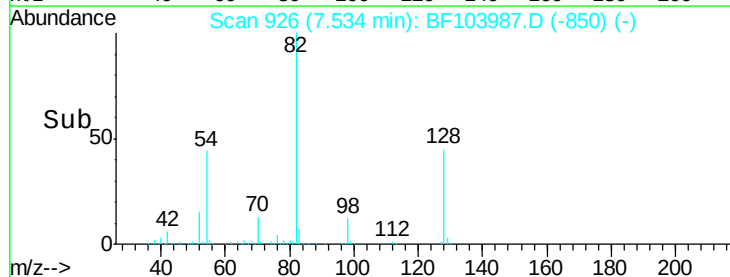
42 43.4 47.5 71.3#

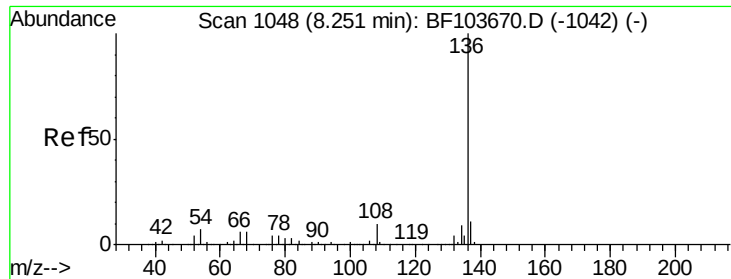
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 587196

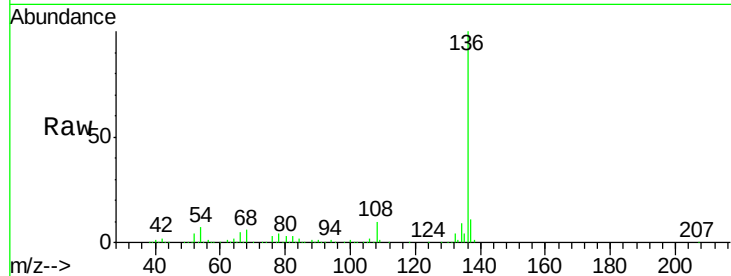
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4

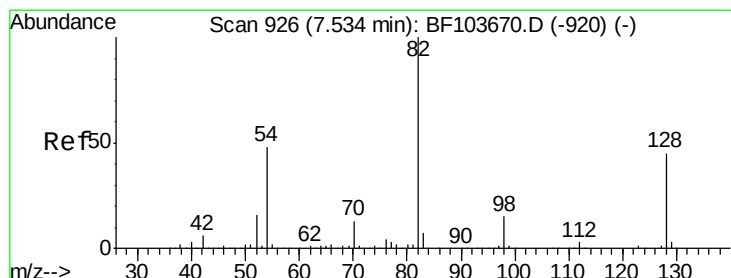
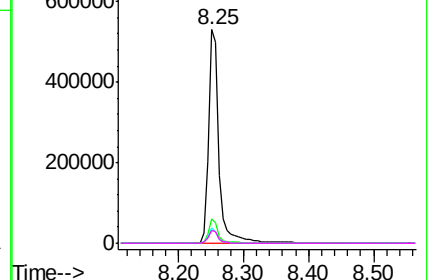
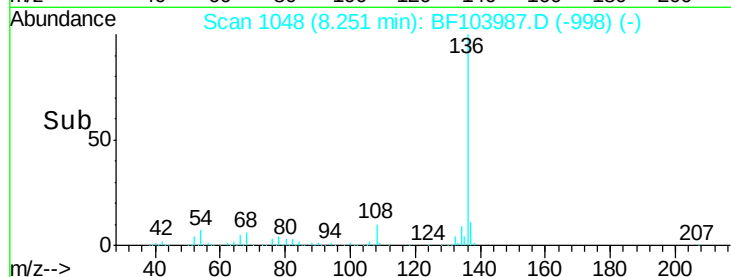


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.277 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

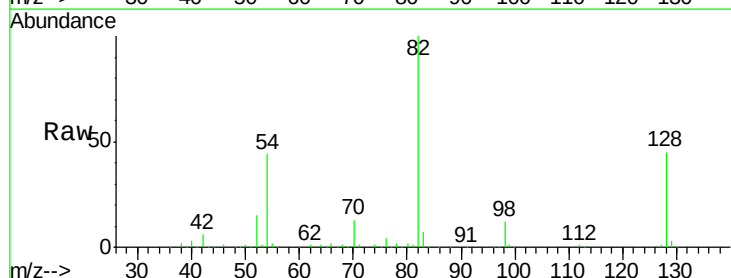
Tgt Ion: 82 Resp: 591748

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

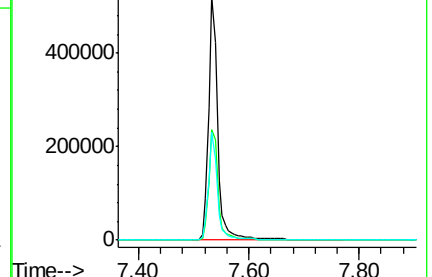
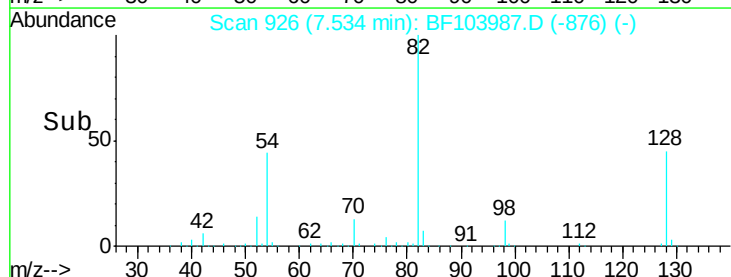
54 44.4 41.4 62.2

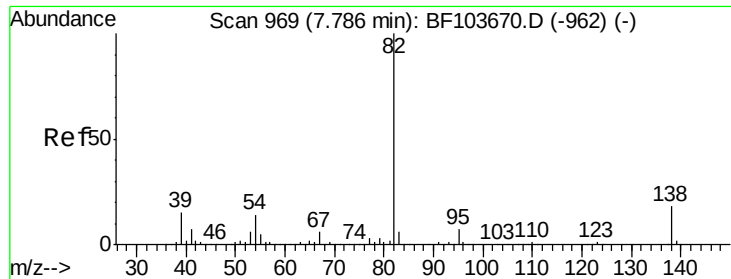


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.358 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

ClientSampleId :

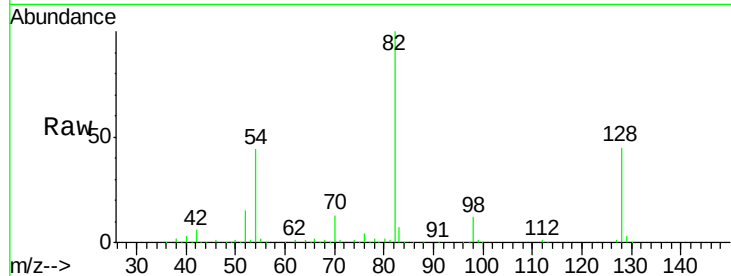
Tot Ion: 82 Resp: 591745

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

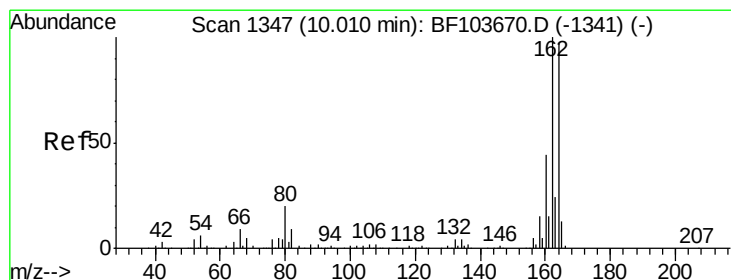
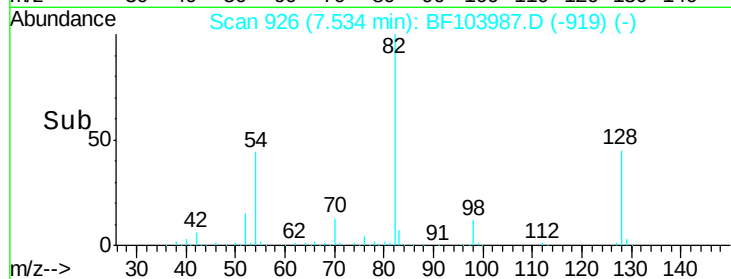
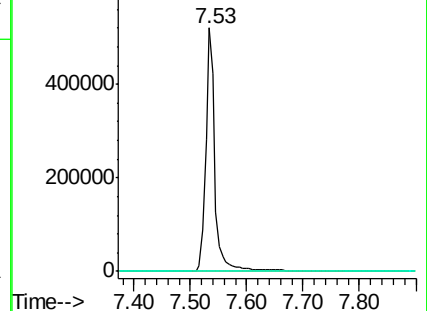
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

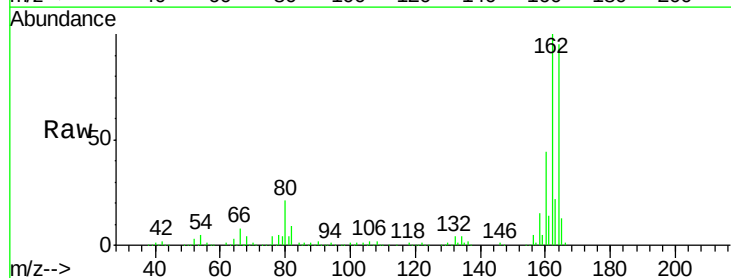
Tgt Ion: 164 Resp: 252072

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

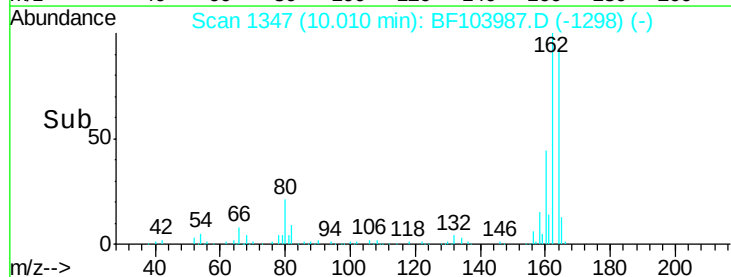
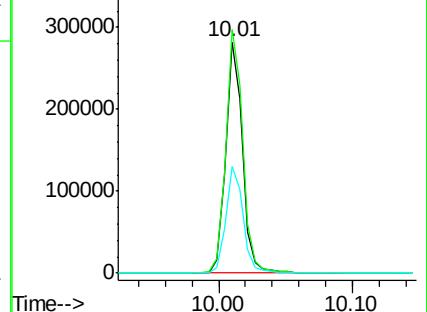
160 46.2 38.3 57.5

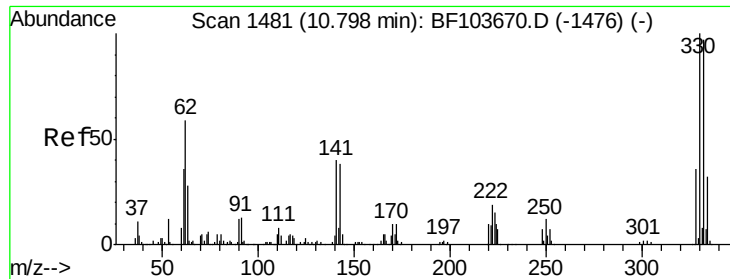


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

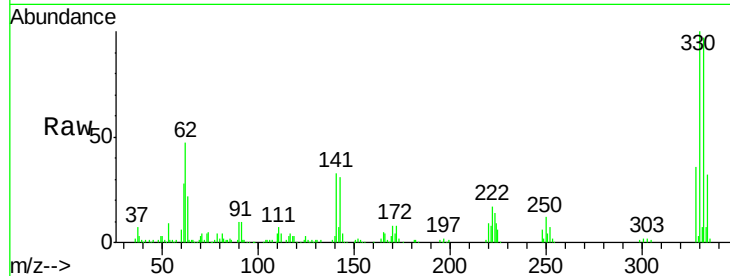




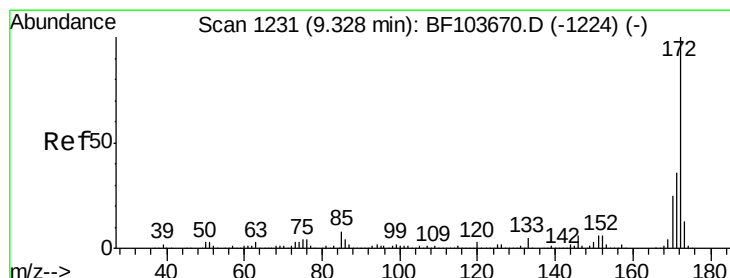
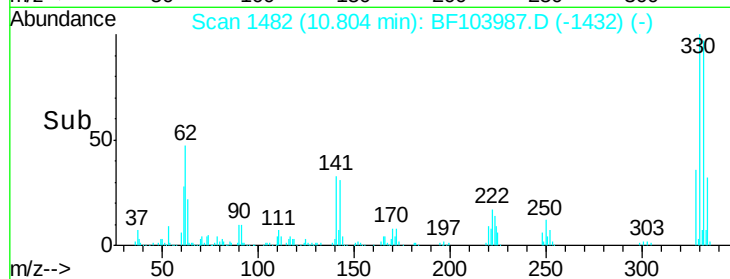
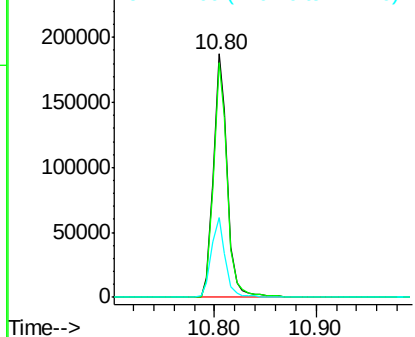
#41
 2,4,6-Tribromophenol
 Concen: 82.638 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 179103
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 32.9 29.9 44.9

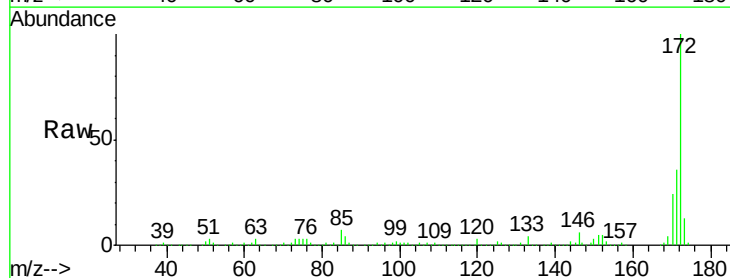


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

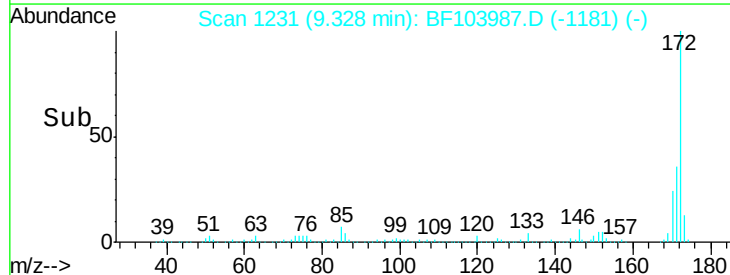
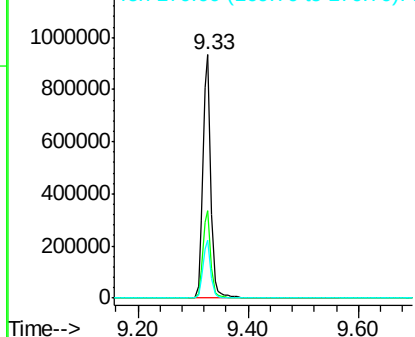


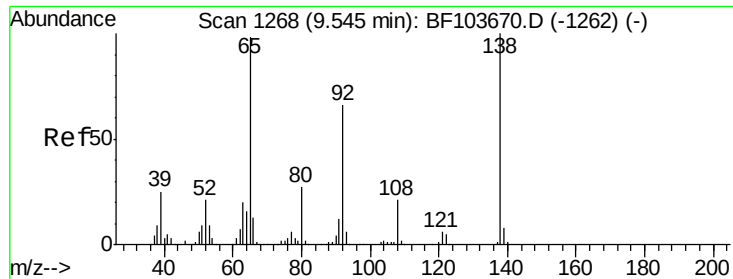
#44
 2-Fluorobiphenyl
 Concen: 57.832 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

Tgt Ion:172 Resp: 913889
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 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

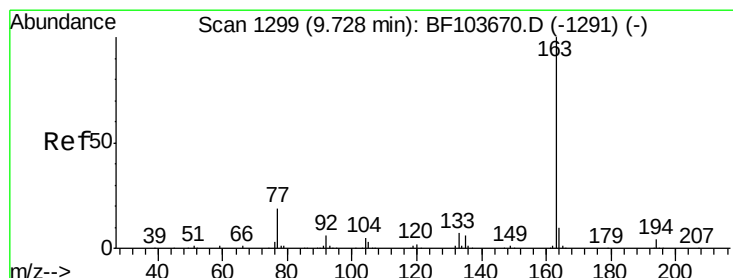
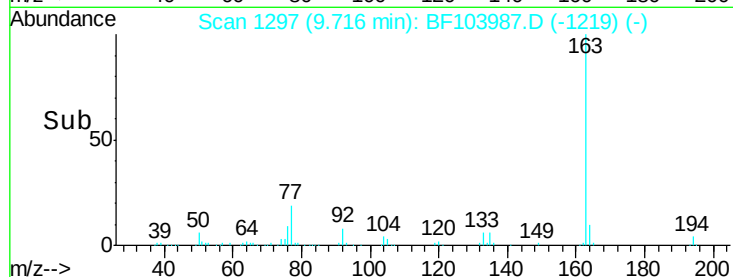
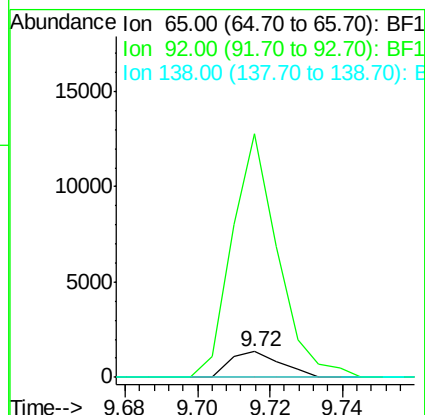
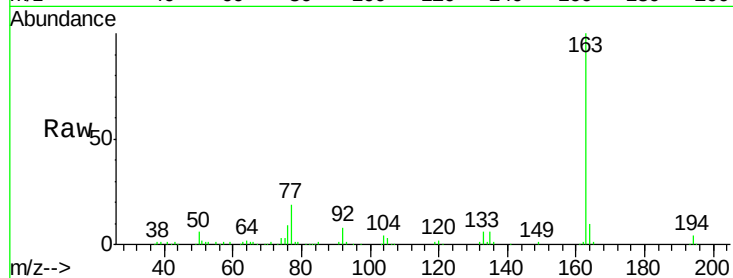




#47
2-Nitroaniline
Concen: 7.067 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.16 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

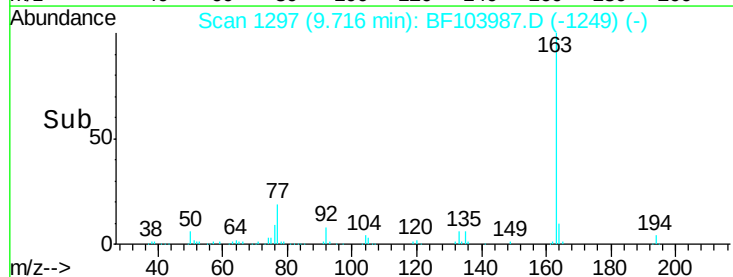
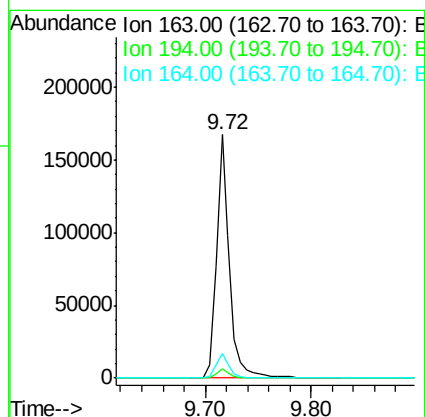
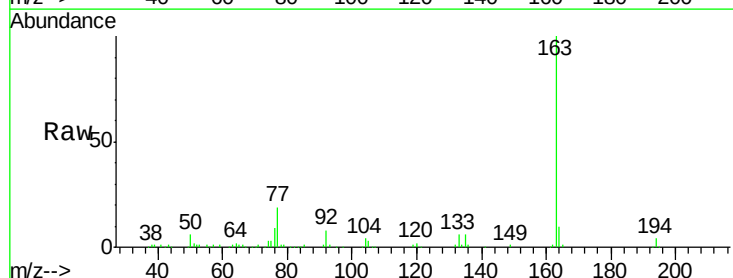
Instrument :
BNA_F
ClientSampleId :

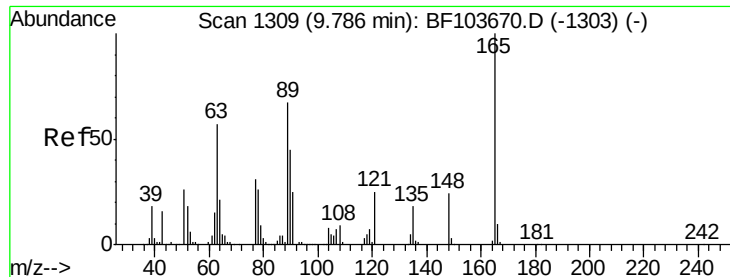
Tot Ion: 65 Resp: 1287
Ion Ratio Lower Upper
65 100
92 942.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 7.561 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion:163 Resp: 145404
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.2 12.2

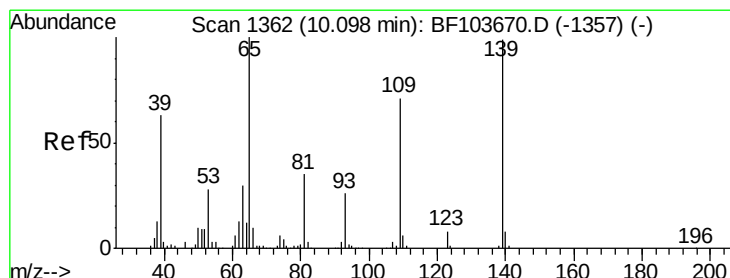
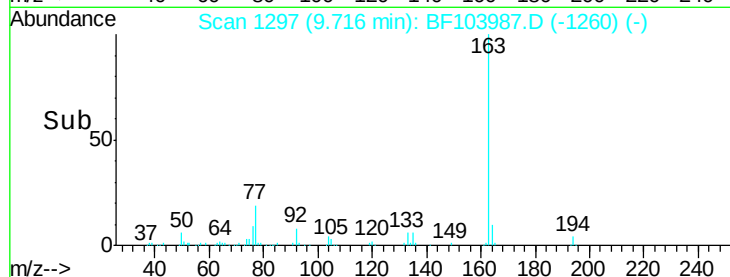
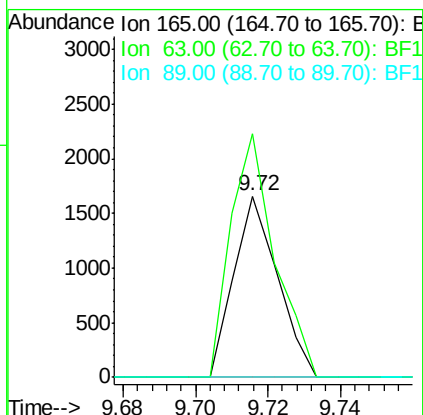
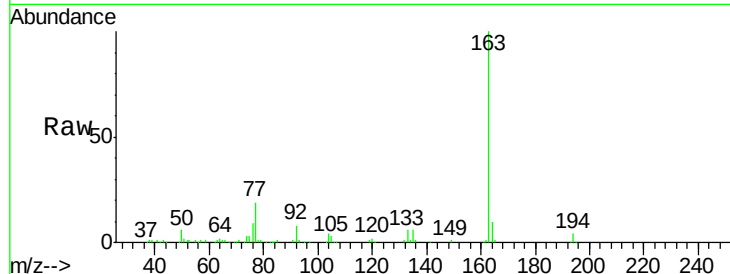




#50
 2,6-Dinitrotoluene
 Concen: 4.326 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.08 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

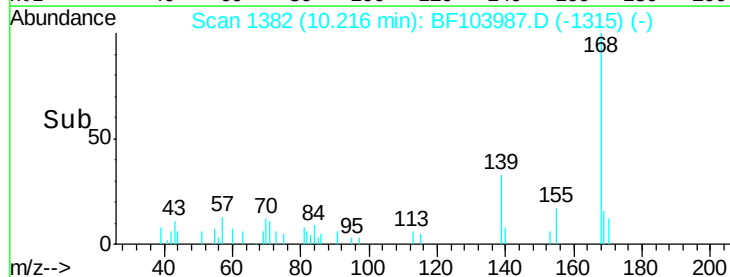
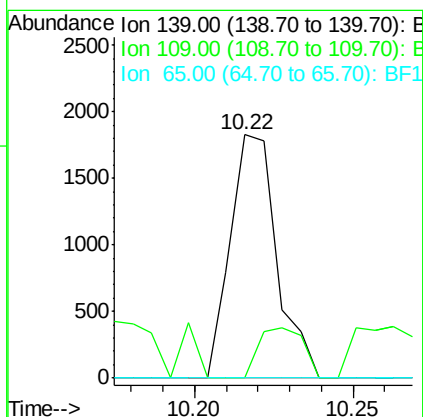
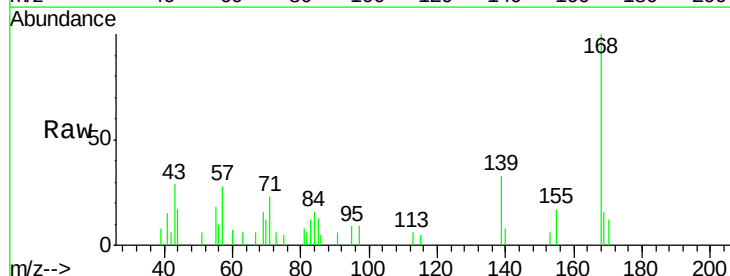
Instrument :
 BNA_F
 ClientSampleId :

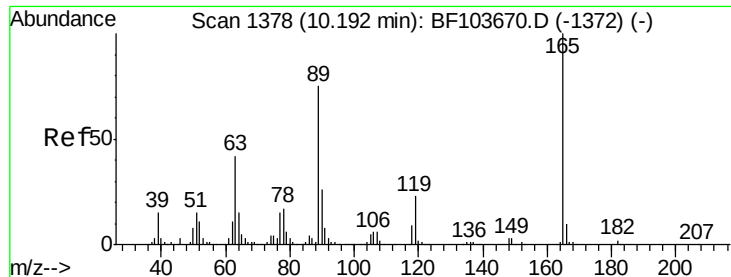
Tot Ion:165 Resp: 1389
 Ion Ratio Lower Upper
 165 100
 63 134.5 44.7 67.1#
 89 0.0 44.0 66.0#



#55
 4-Nitrophenol
 Concen: 5.465 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.09 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

Tgt Ion:139 Resp: 1859
 Ion Ratio Lower Upper
 139 100
 109 0.0 48.4 88.4#
 65 0.0 72.6 112.6#

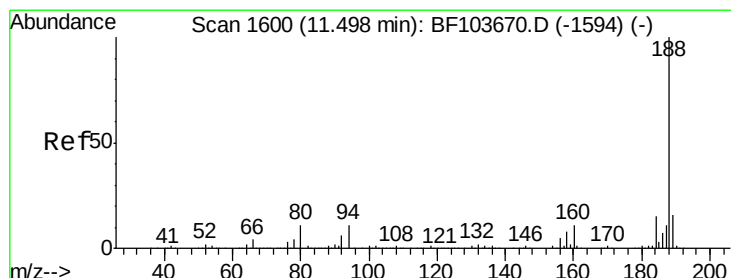
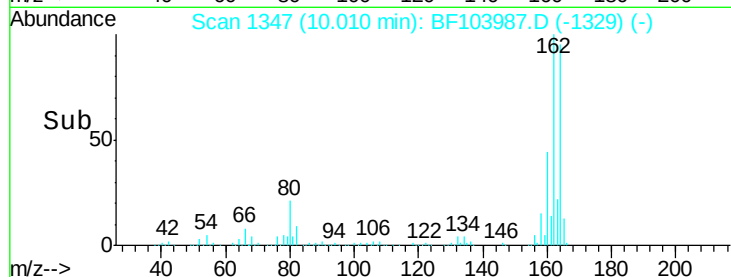
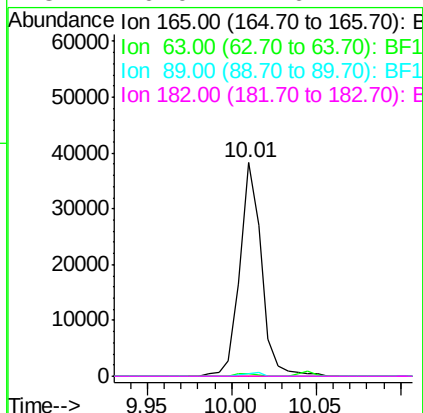
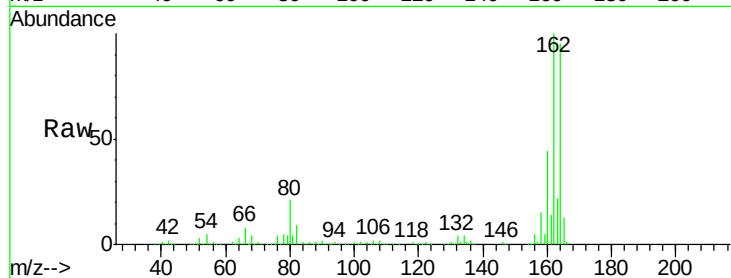




#56
 2,4-Dinitrotoluene
 Concen: 12.497 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

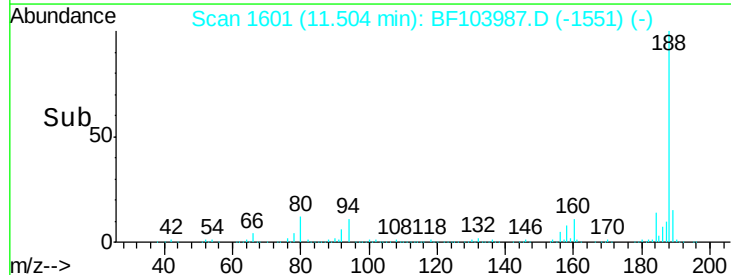
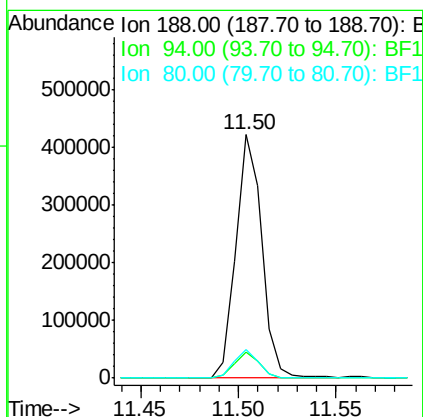
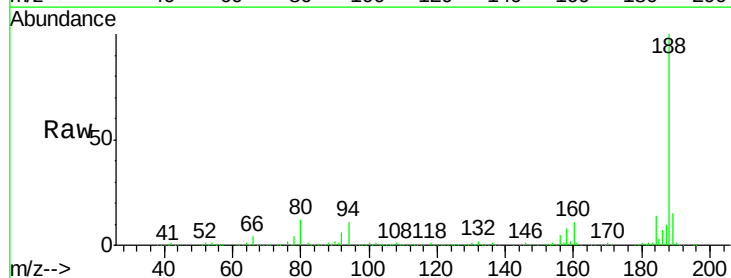
Instrument :
 BNA_F
 ClientSampleId :

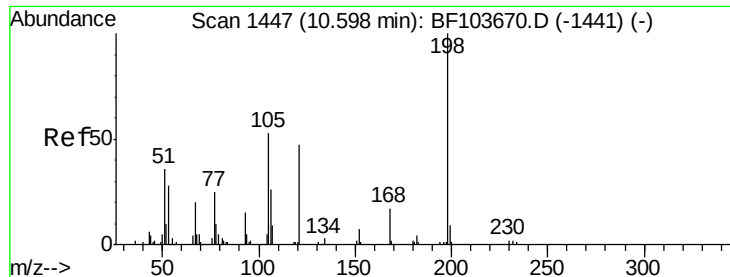
Tot Ion:165 Resp: 34017
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

Tgt Ion:188 Resp: 390757
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.8 9.2 13.8

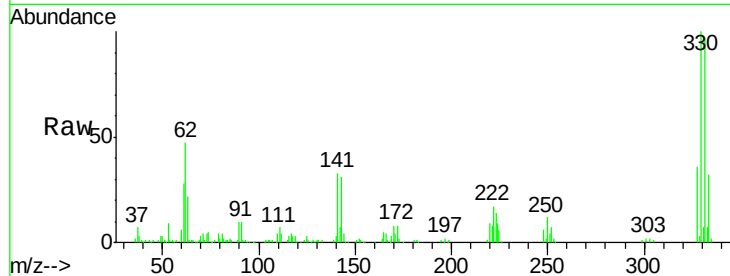




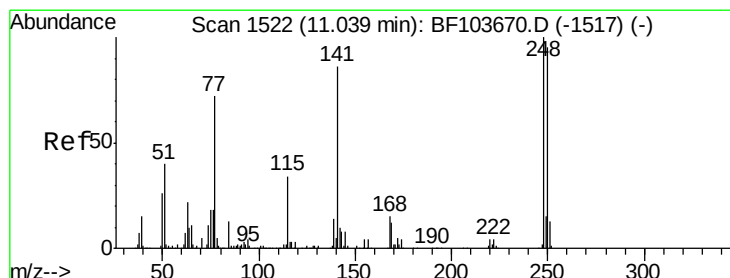
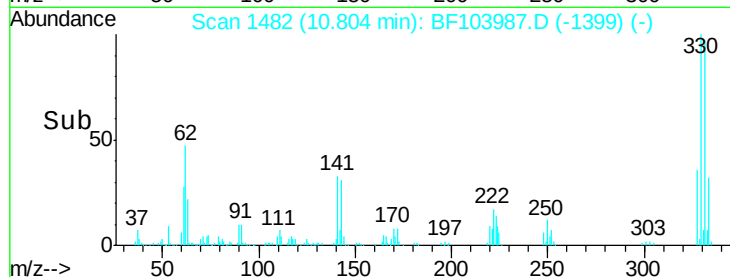
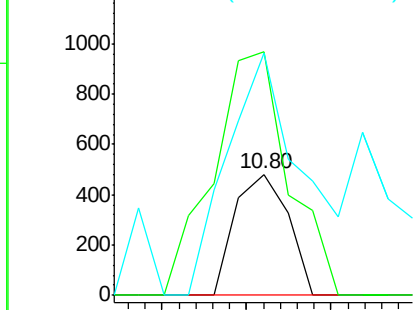
#64
4,6-Dinitro-2-methylphenol
Concen: 8.441 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.19 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 423
Ion Ratio Lower Upper
198 100
51 200.8 37.7 77.7#
105 199.6 36.3 76.3#

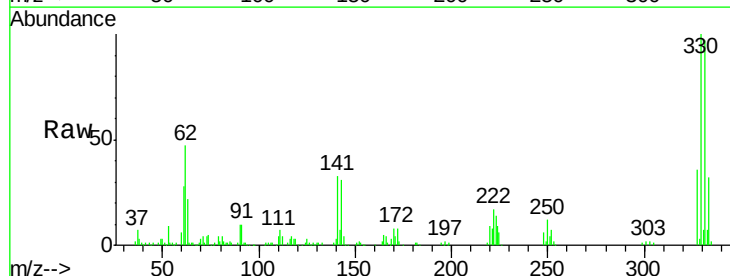


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

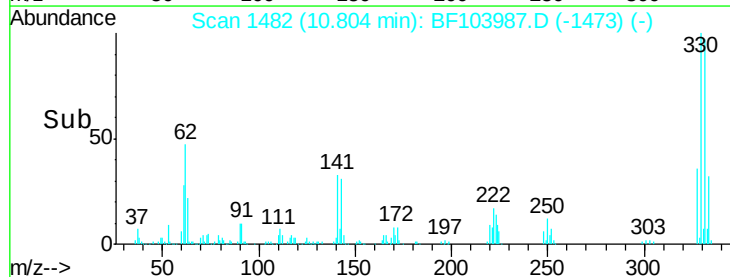
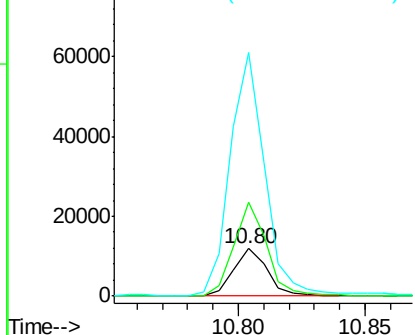


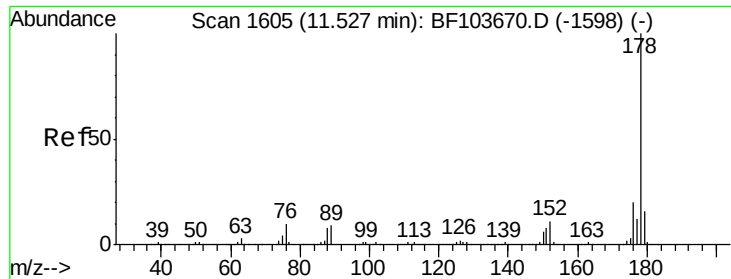
#66
4-Bromophenyl-phenylether
Concen: 2.731 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion:248 Resp: 10956
Ion Ratio Lower Upper
248 100
250 196.1 76.9 115.3#
141 512.1 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

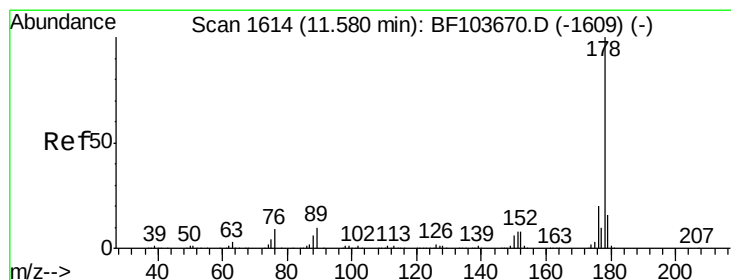
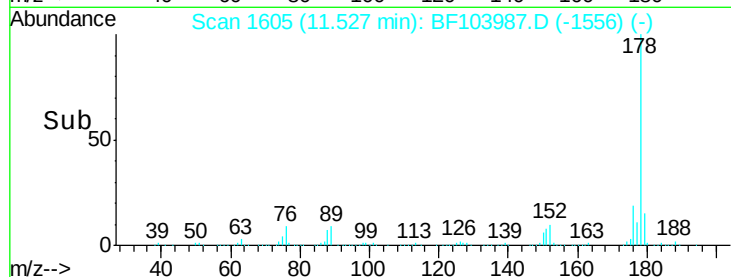
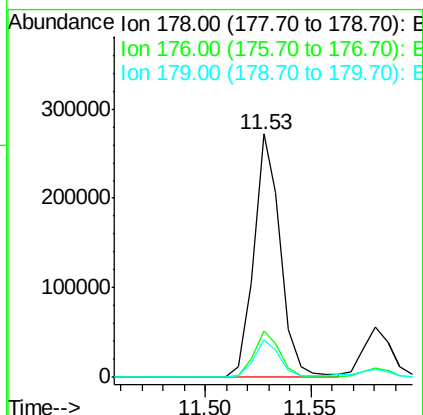
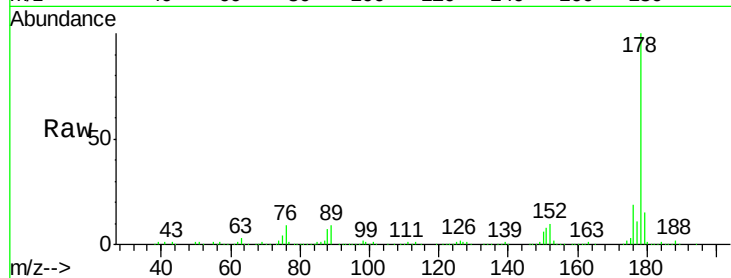




#70
Phenanthrene
Concen: 11.062 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

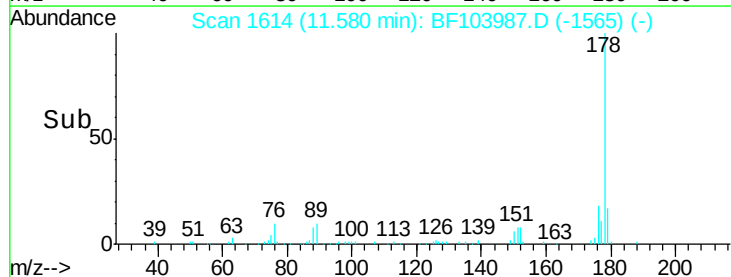
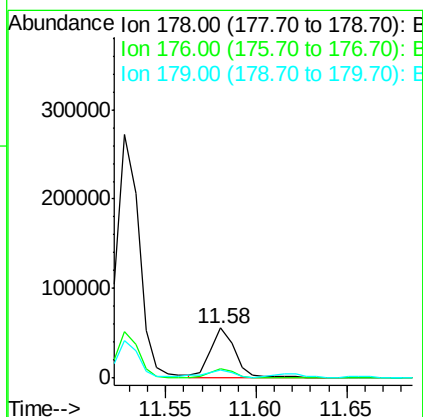
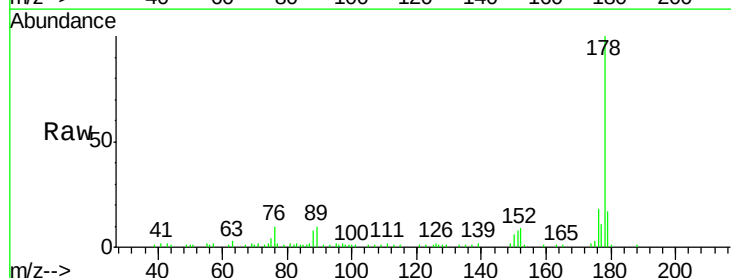
Instrument :
BNA_F
ClientSampleId :

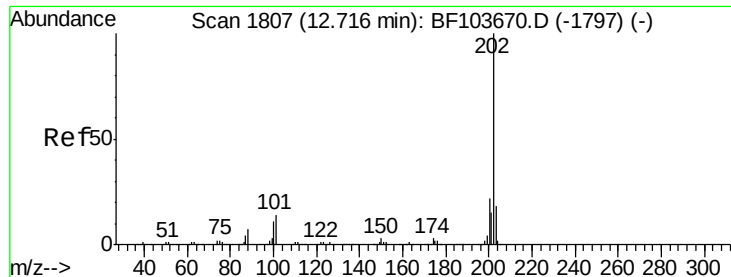
Tot Ion:178 Resp: 236447
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 2.464 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion:178 Resp: 53502
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.2
179 16.5 12.6 19.0





#74

Fluoranthene

Concen: 26.739 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

ClientSampleId :

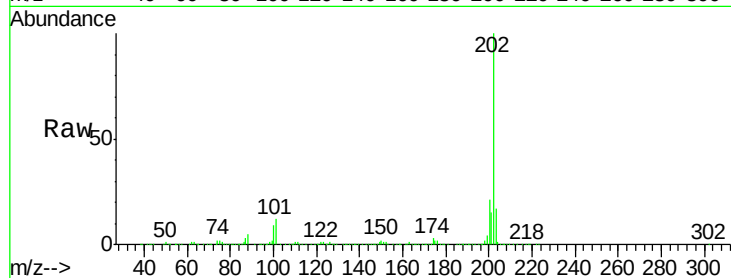
Tot Ion:202 Resp: 588837

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

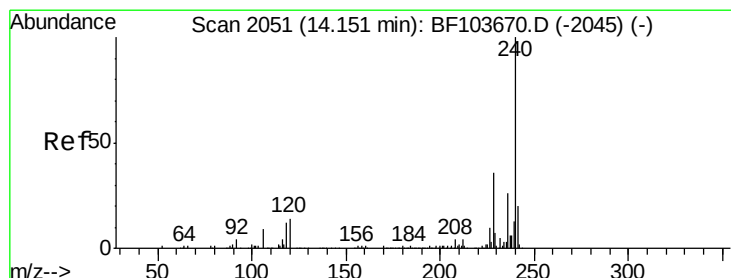
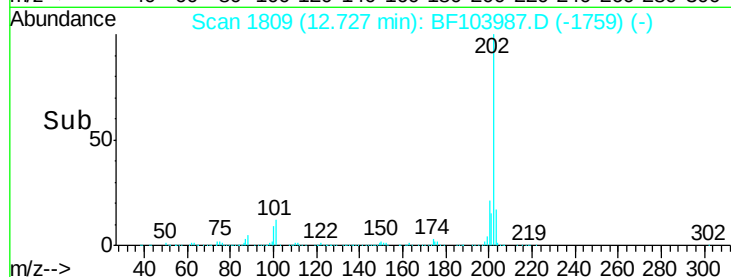
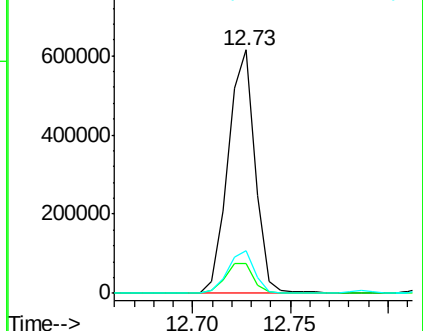
203 17.4 0.0 38.1



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: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

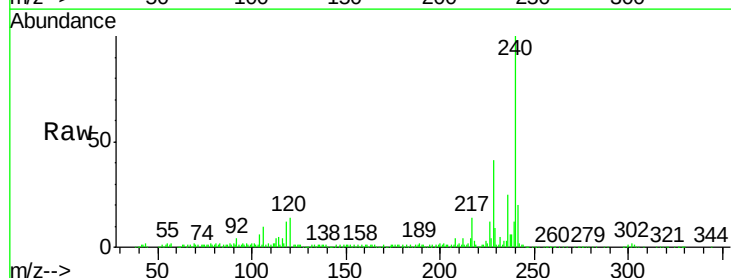
Tgt Ion:240 Resp: 267075

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

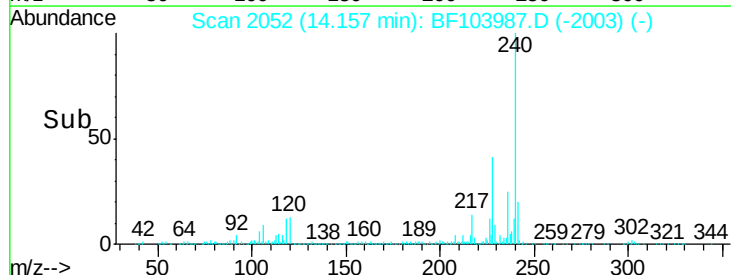
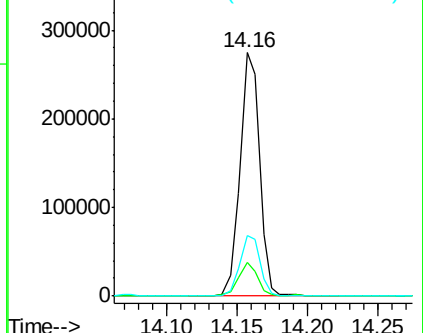
236 25.1 20.7 31.1

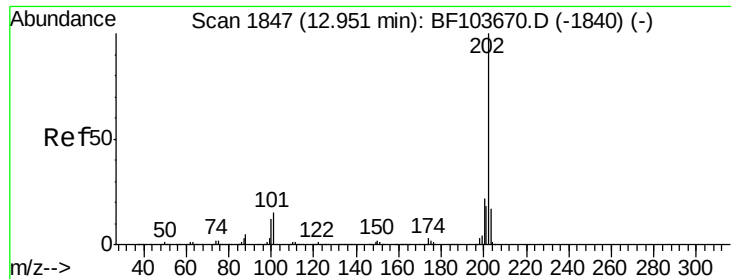


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 27.148 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

ClientSampleId :

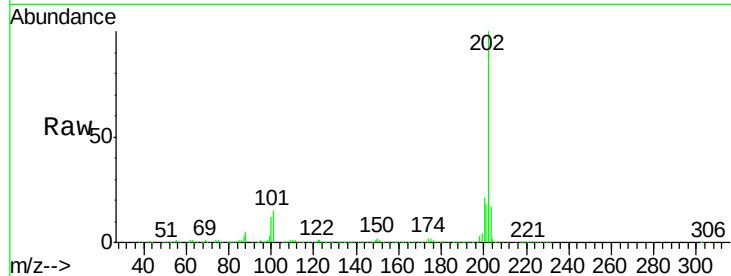
Tot Ion:202 Resp: 532471

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

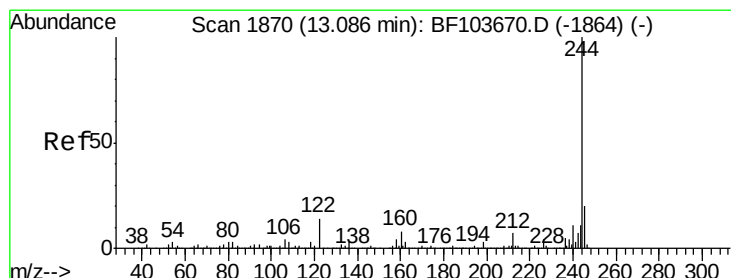
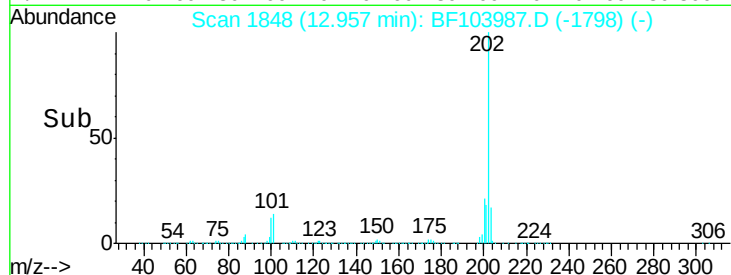
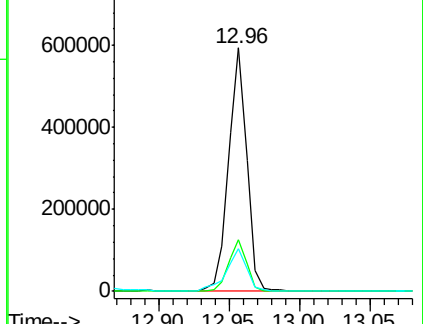
203 17.3 14.3 21.5



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: 54.460 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

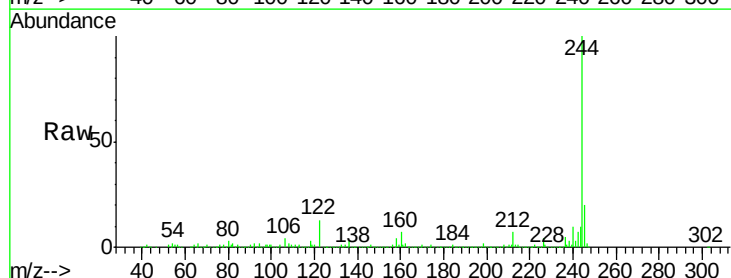
Tgt Ion:244 Resp: 626628

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

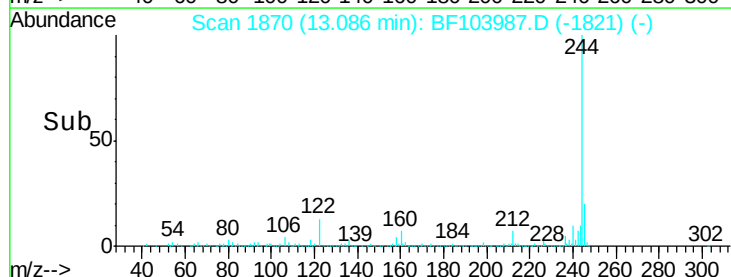
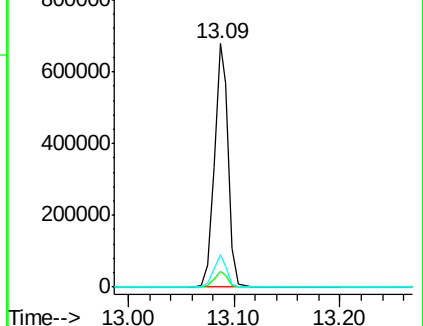
122 13.3 11.0 16.4

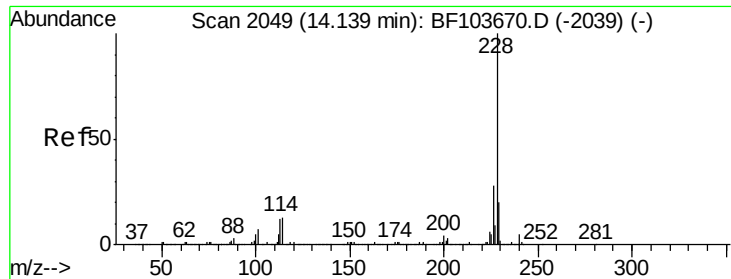


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 19.634 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

ClientSampled :

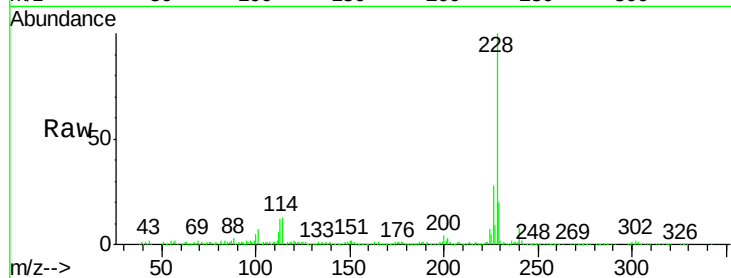
Tot Ion:228 Resp: 331929

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

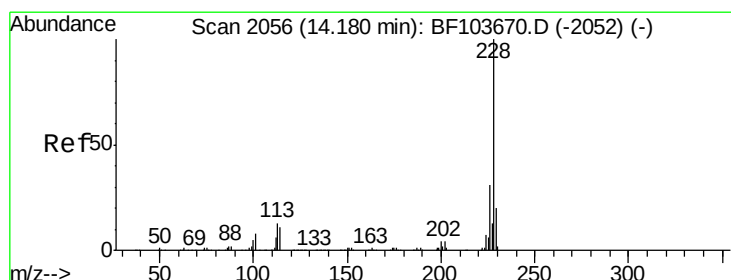
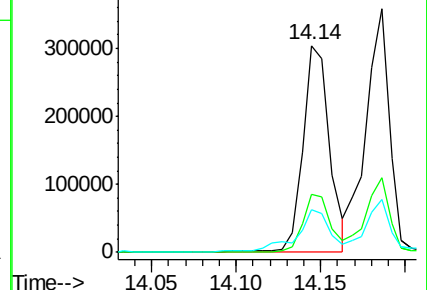
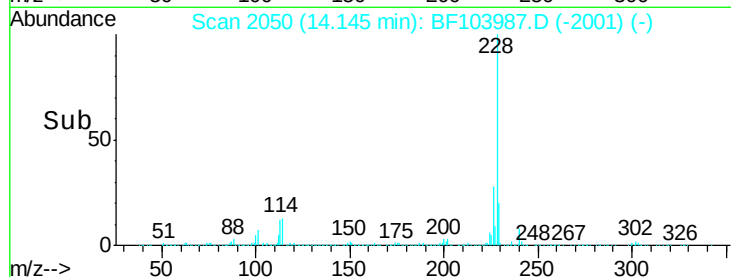
229 20.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 21.654 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

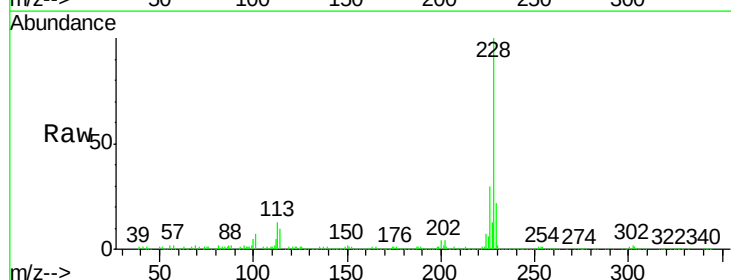
Tgt Ion:228 Resp: 348972

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

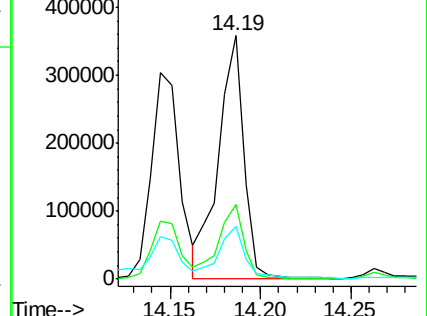
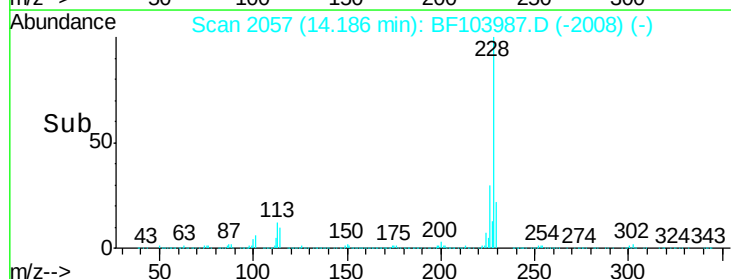
229 21.9 16.2 24.4

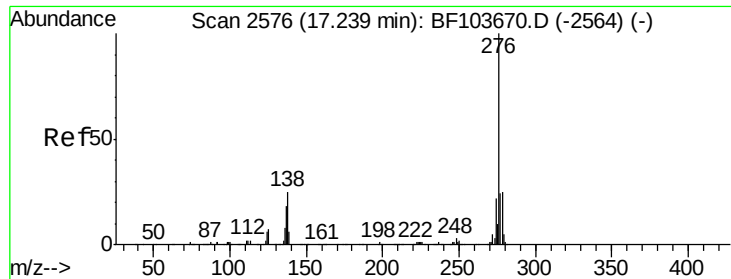


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

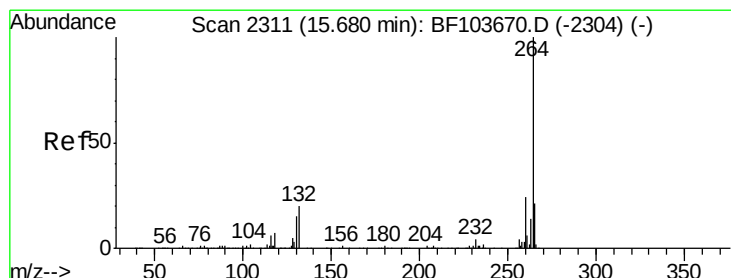
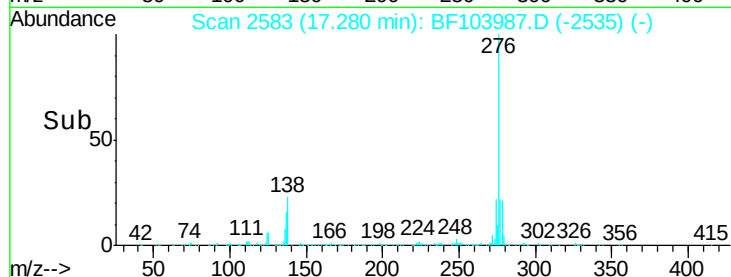
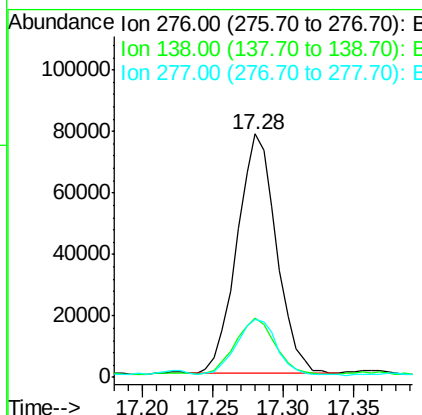
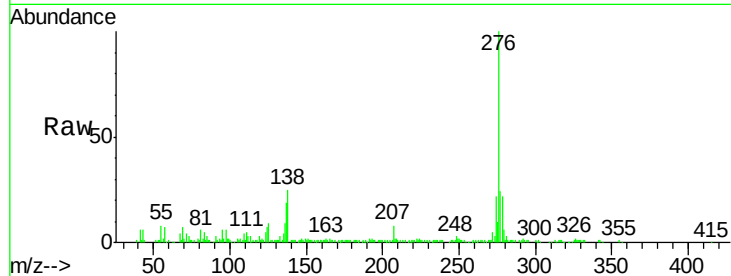




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.828 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. -0.02 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

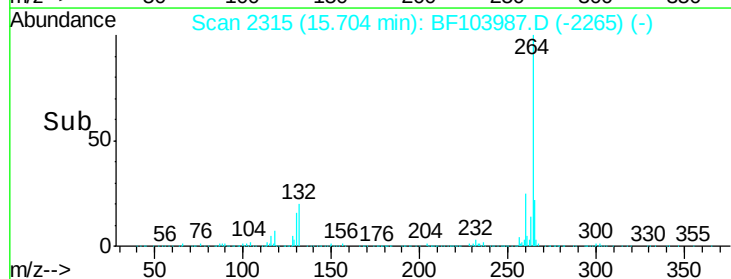
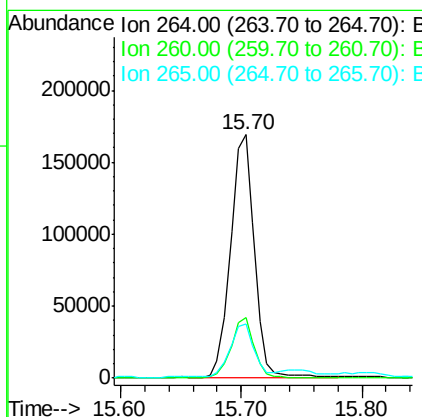
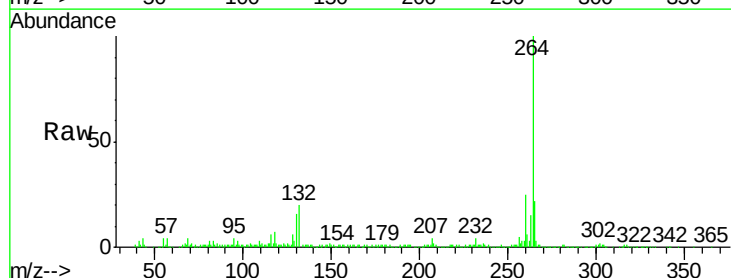
Instrument :
 BNA_F
 ClientSampleId :

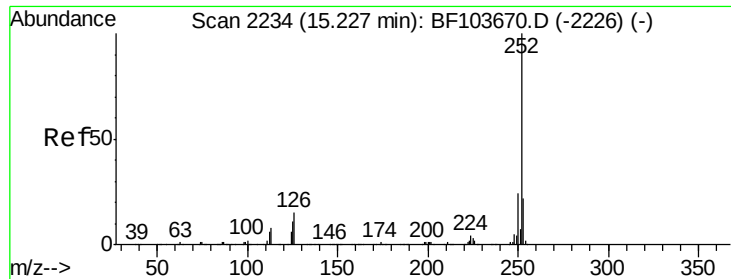
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	23.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.5	26.3

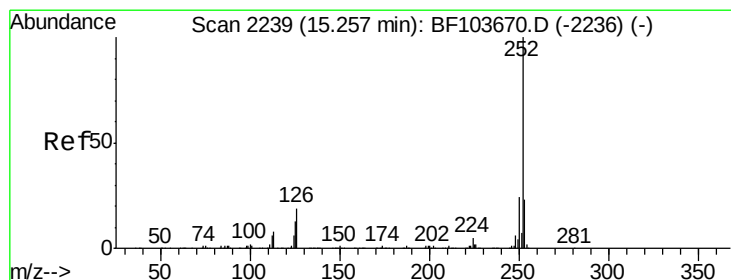
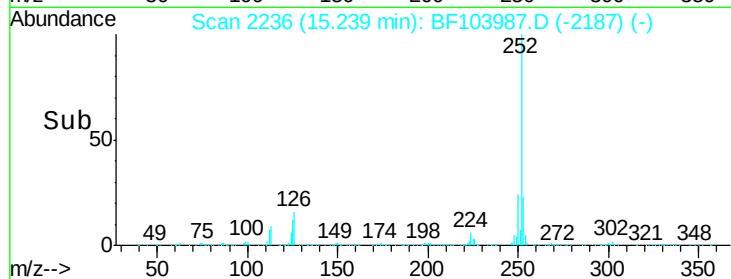
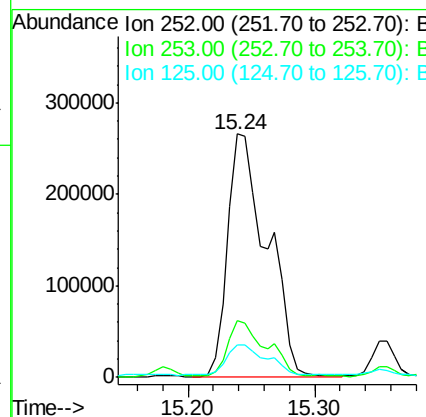
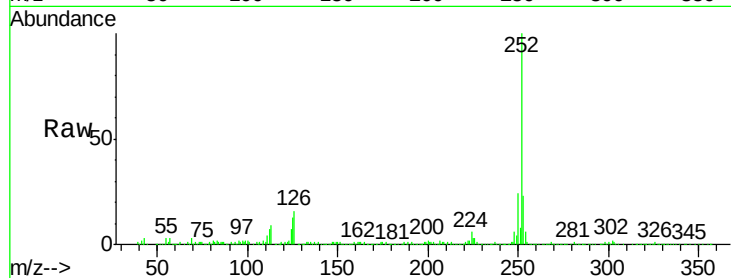




#87
Benzo(b)fluoranthene
Concen: 39.082 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

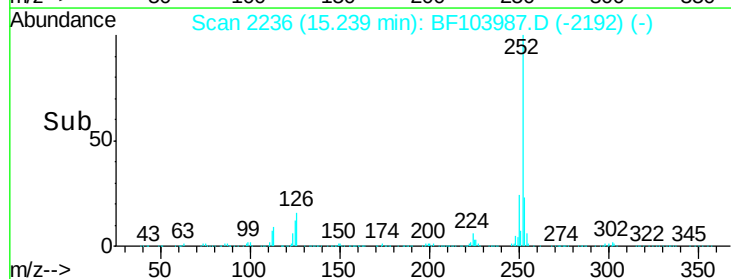
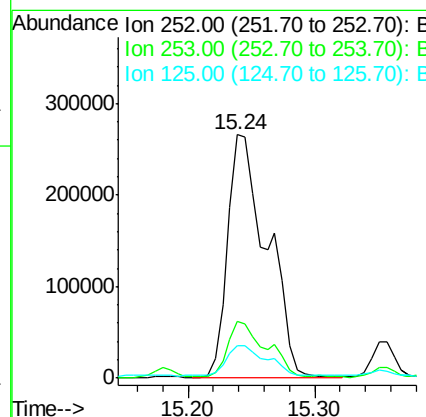
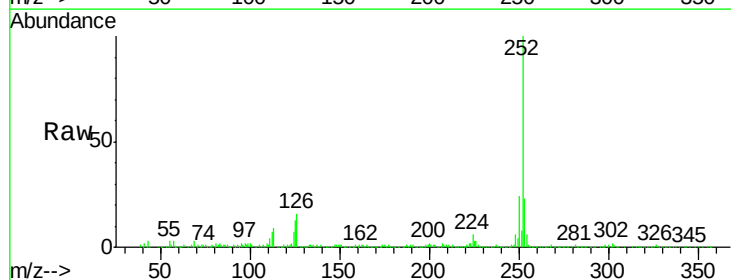
Instrument :
BNA_F
ClientSampleId :

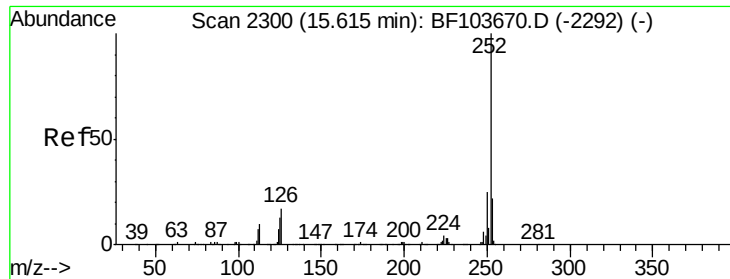
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	13.3	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.657 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 19.019 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

ClientSampled :

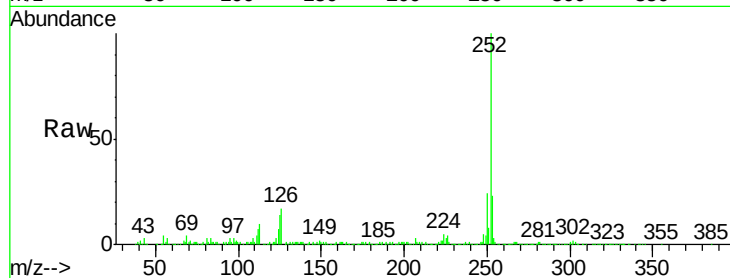
Tot Ion:252 Resp: 252276

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

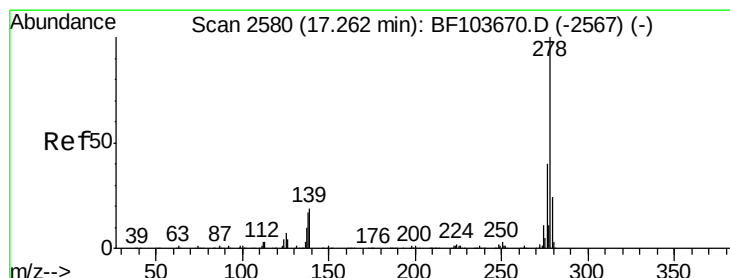
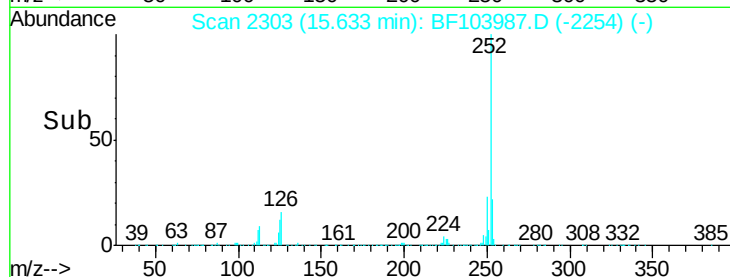
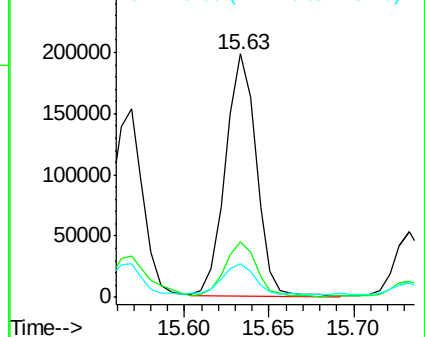
125 13.8 9.8 14.6



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: 2.072 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.22 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

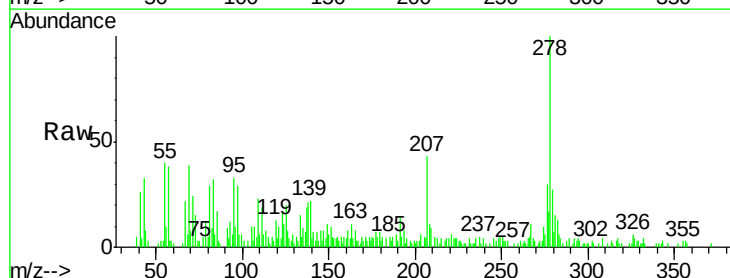
Tgt Ion:278 Resp: 23799

Ion Ratio Lower Upper

278 100

139 22.2 15.9 23.9

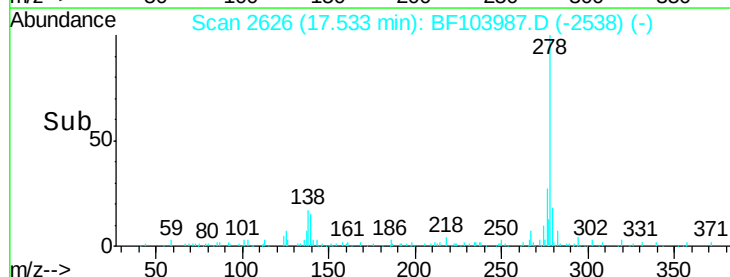
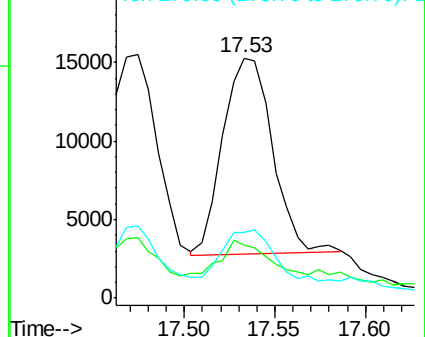
279 27.5 19.0 28.4

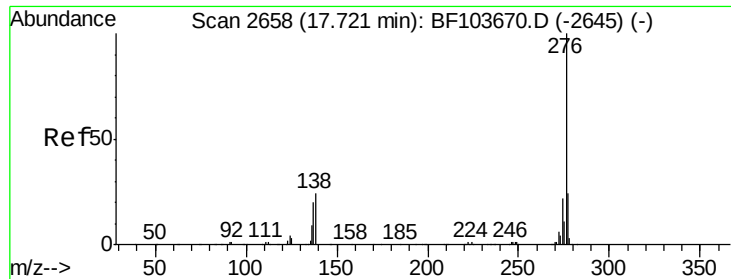


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

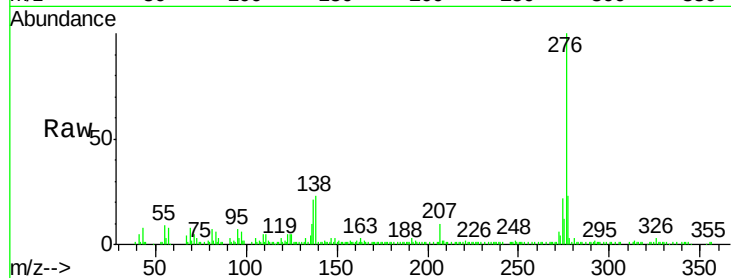




#91
 Benzo(a,h,i)perylene
 Concen: 12.564 ng
 RT: 17.77 min Scan# 2666
 Delta R.T. -0.01 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	23.1	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

