

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050118\
 Data File : BF104983.D
 Acq On : 1 May 2018 15:02
 Operator : JU/SJ
 Sample : J2609-03DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 16:17:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111444	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	464616	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210432	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	315781	20.00	ng	0.00
75) Chrysene-d12	14.06	240	220577	20.00	ng	0.09
86) Perylene-d12	15.66	264	217036	20.00	ng	0.23

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	112637	15.45	ng	0.00
7) Phenol-d6	6.43	99	144242	16.11	ng	0.00
23) Nitrobenzene-d5	7.35	82	82948	11.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	31964	14.64	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	140442	10.54	ng	0.00
78) Terphenyl-d14	12.92	244	85791	8.87	ng	0.01

Target Compounds

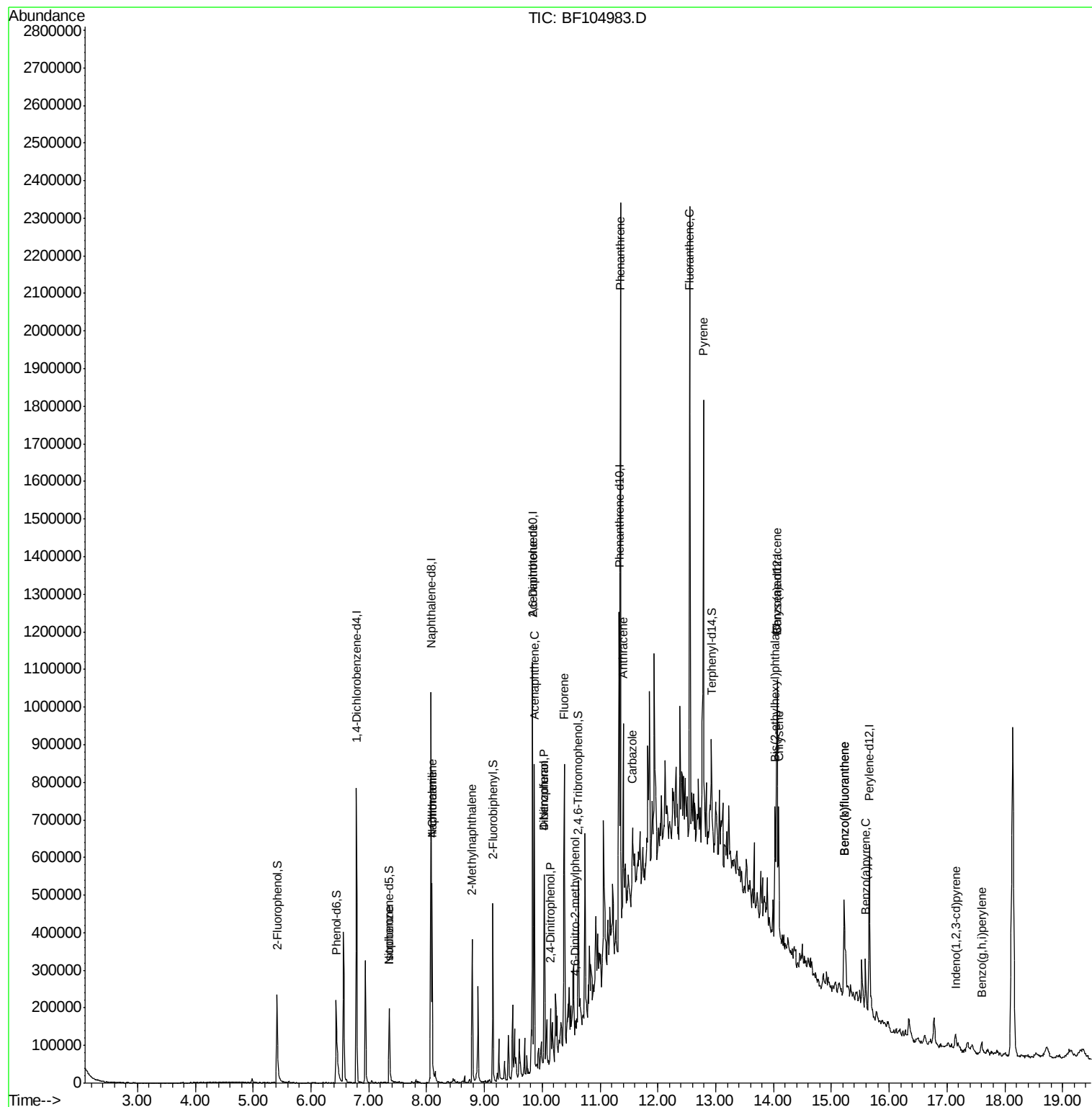
						Qvalue
9) Benzaldehyde	6.35	77	237	Below Cal	#	50
25) Isophorone	7.35	82	82947	5.513 ng	#	64
31) Naphthalene	8.10	128	255375	11.038 ng		99
33) 4-Chloroaniline	8.10	127	32905	3.320 ng	#	37
37) 2-Methylnaphthalene	8.79	142	112635	7.527 ng		98
50) 2,6-Dinitrotoluene	9.83	165	32009	10.424 ng	#	26
51) Acenaphthene	9.86	154	165304	12.367 ng		99
53) 2,4-Dinitrophenol	10.15	184	1121	6.458 ng		81
54) Dibenzofuran	10.04	168	190447	10.224 ng		99
55) 4-Nitrophenol	10.04	139	72390	25.636 ng	#	10
57) Fluorene	10.38	166	186162	13.730 ng		100
64) 4,6-Dinitro-2-methylphenol	10.57	198	1682	8.273 ng	#	73
70) Phenanthrene	11.35	178	746337	42.440 ng		100
71) Anthracene	11.40	178	225442	12.611 ng		99
72) Carbazole	11.56	167	48574	2.781 ng		93
74) Fluoranthene	12.55	202	658899	35.861 ng		98
76) Benzydine	12.76	184	1176	Below Cal	#	1
77) Pyrene	12.79	202	487009	29.787 ng		99
80) Benzo(a)anthracene	14.05	228	143534	10.892 ng		98
82) Chrysene	14.09	228	151127	11.165 ng		97
83) Bis(2-ethylhexyl)phthalate	14.03	149	104292	10.526 ng		99
85) Indeno(1,2,3-cd)pyrene	17.15	276	29331	2.551 ng		94
87) Benzo(b)fluoranthene	15.22	252	167897	12.248 ng		95
88) Benzo(k)fluoranthene	15.22	252	167897	12.974 ng		98
89) Benzo(a)pyrene	15.59	252	50596	4.125 ng		95
91) Benzo(g,h,i)perylene	17.60	276	23382	2.396 ng		96

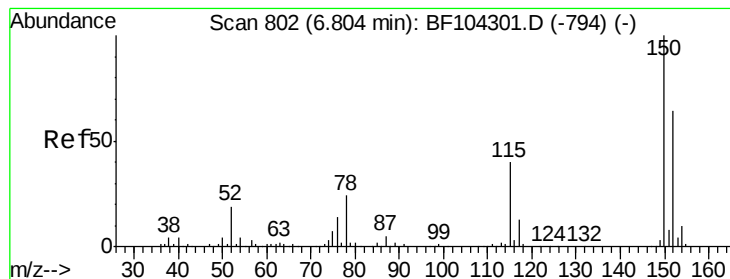
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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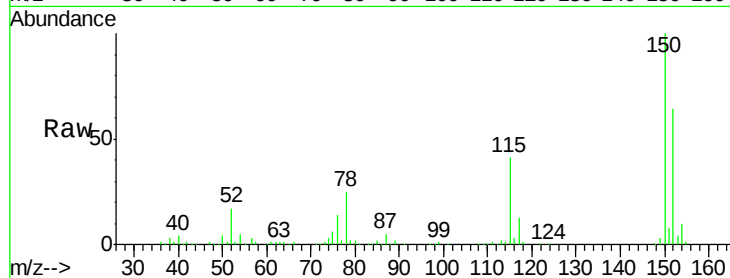


#1

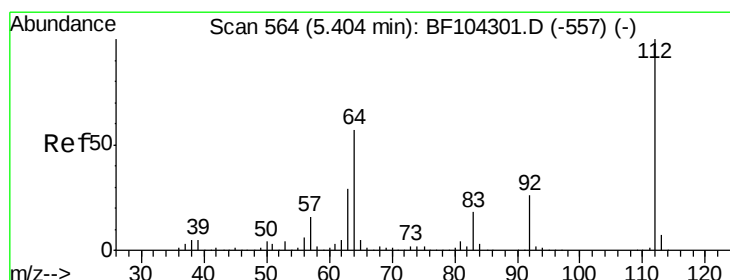
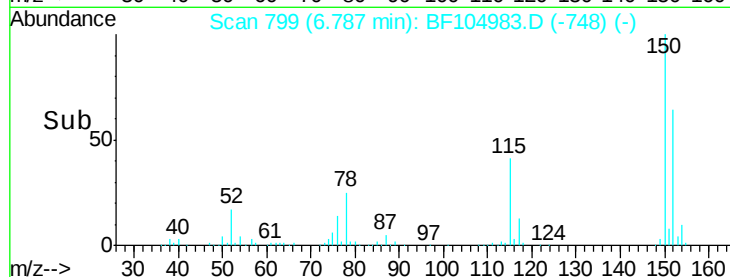
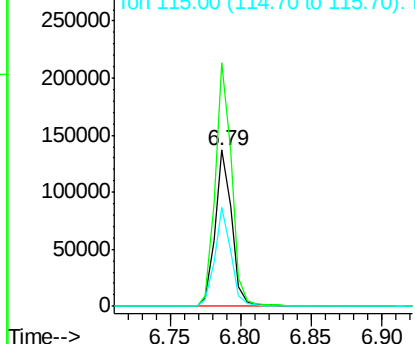
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111444
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 63.6 50.1 75.1



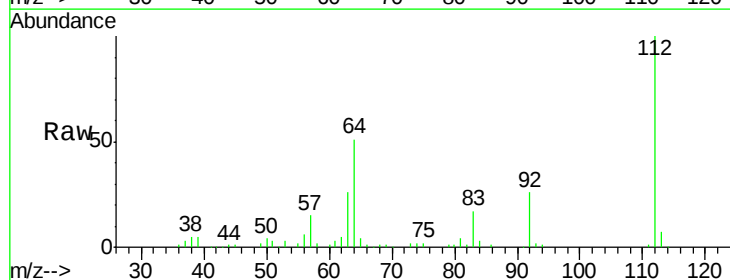
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



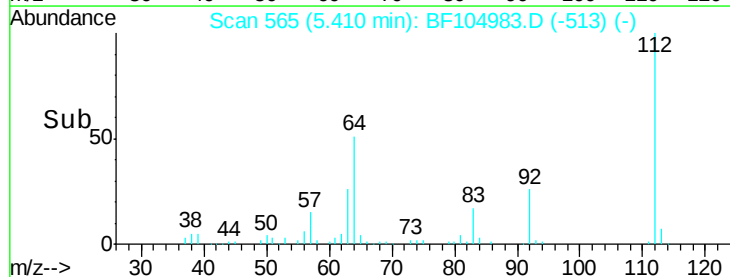
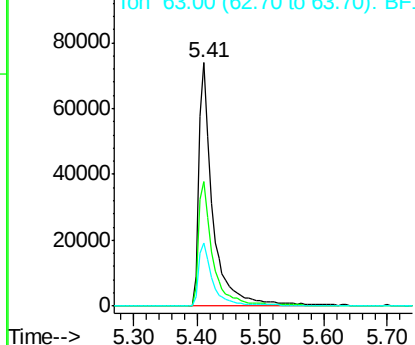
#5

2-Fluorophenol
Concen: 15.454 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:112 Resp: 112637
Ion Ratio Lower Upper
112 100
64 51.0 47.9 71.9
63 25.8 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: 16.107 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104983.D

Acq: 1 May 2018 15:02

Instrument :

BNA_F

ClientSampleId :

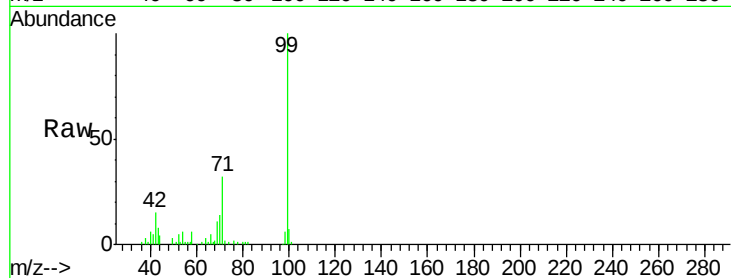
Tot Ion: 99 Resp: 144242

Ion Ratio Lower Upper

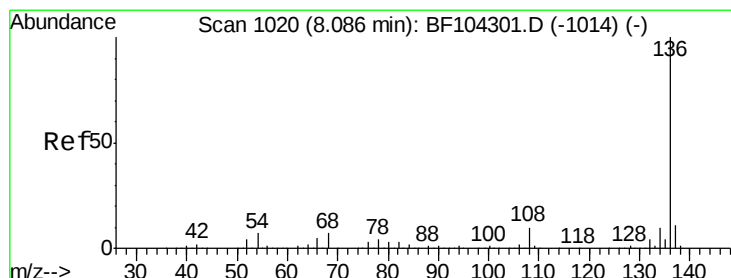
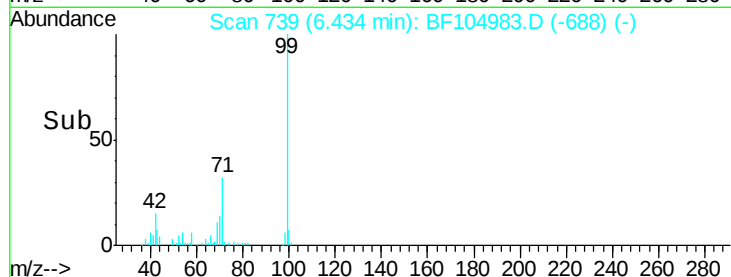
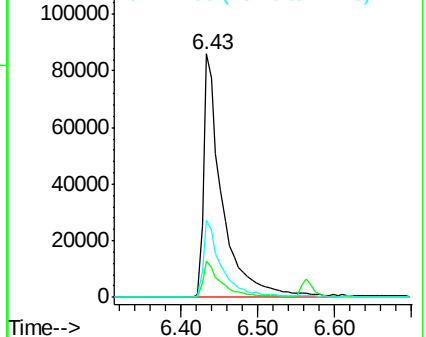
99 100

42 14.6 14.5 21.7

71 31.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF104983.D

Acq: 1 May 2018 15:02

Tgt Ion: 136 Resp: 464616

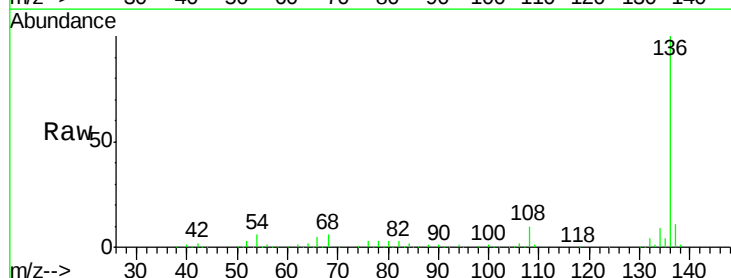
Ion Ratio Lower Upper

136 100

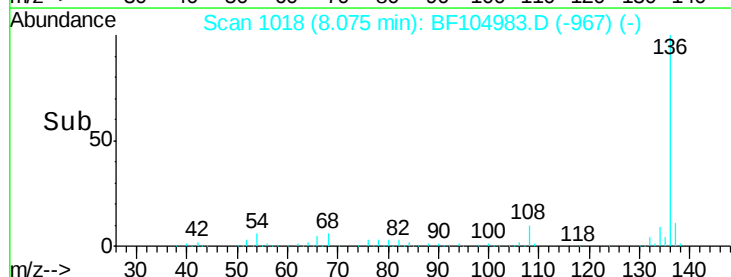
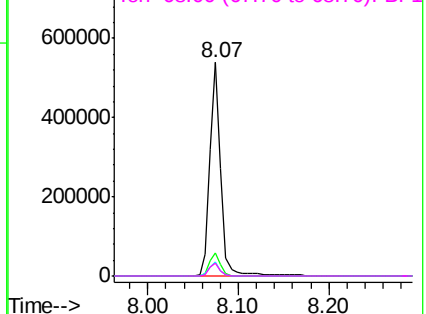
137 11.0 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 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

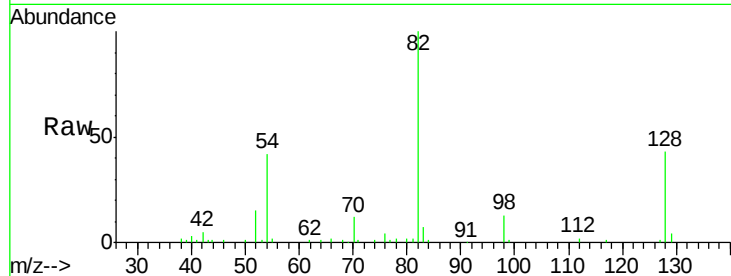




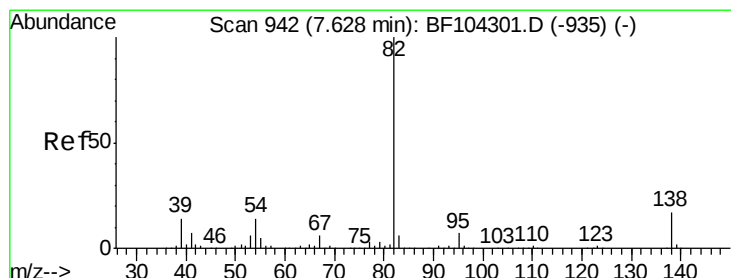
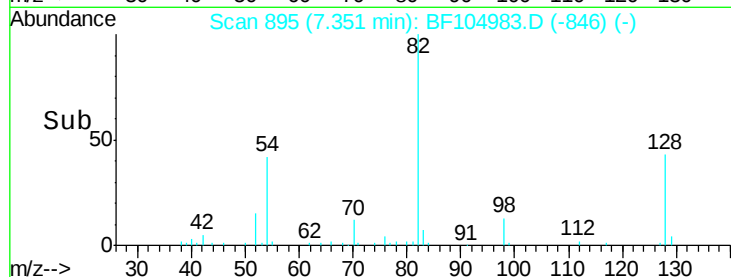
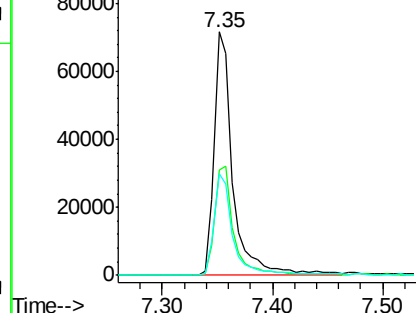
#23
Nitrobenzene-d5
Concen: 11.658 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 82948
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 41.7 41.4 62.2

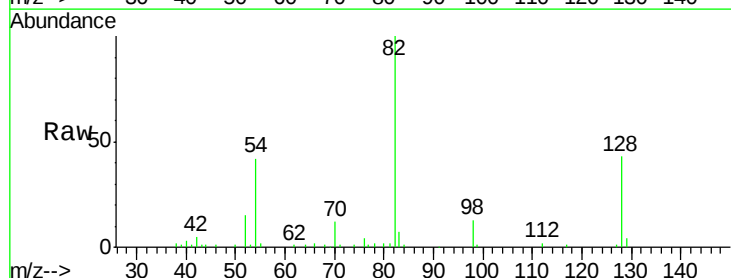


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

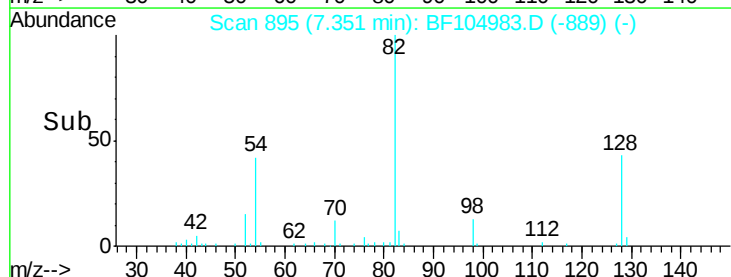
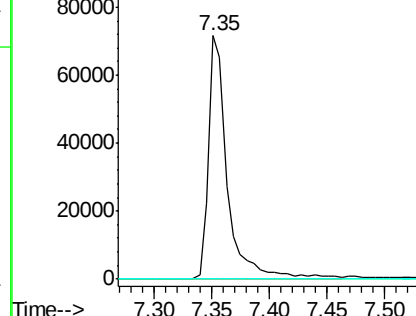


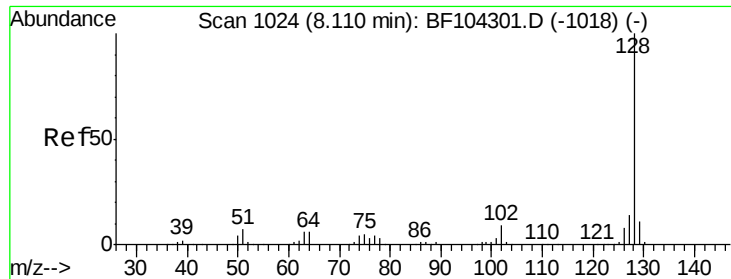
#25
Isophorone
Concen: 5.513 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion: 82 Resp: 82947
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

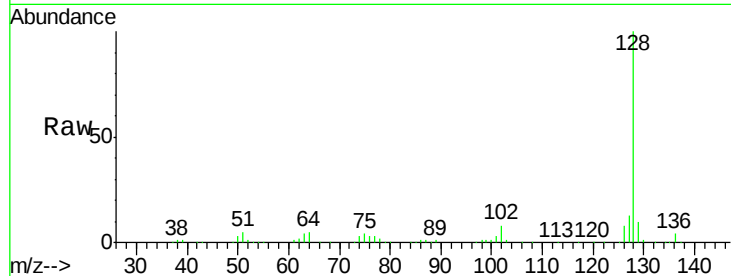




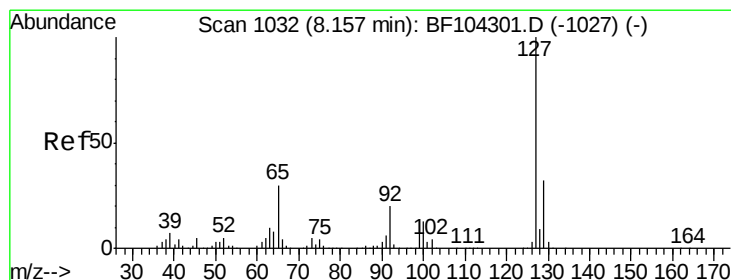
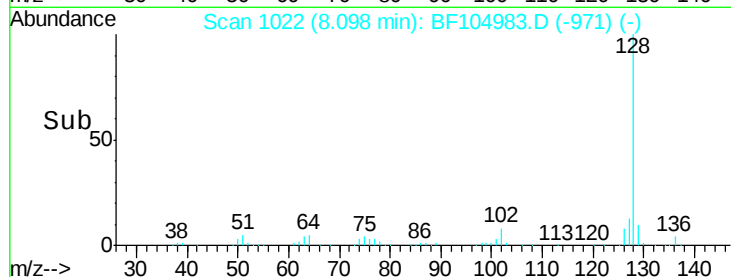
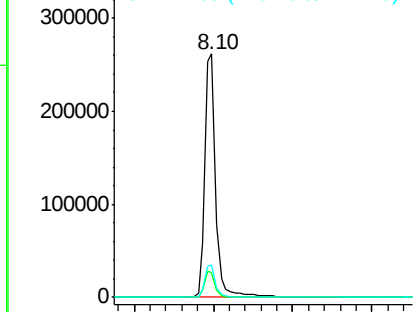
#31
Naphthalene
Concen: 11.038 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 255375
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.4 10.9 16.3



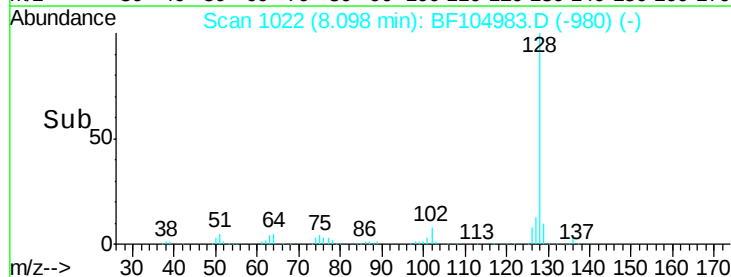
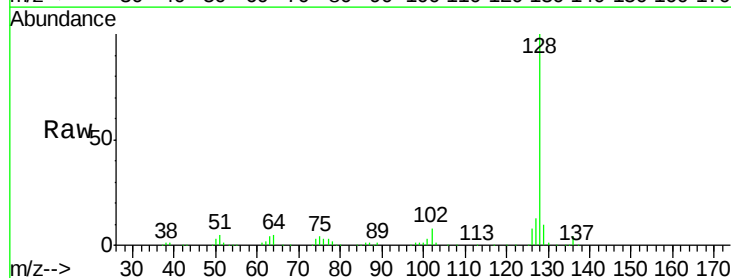
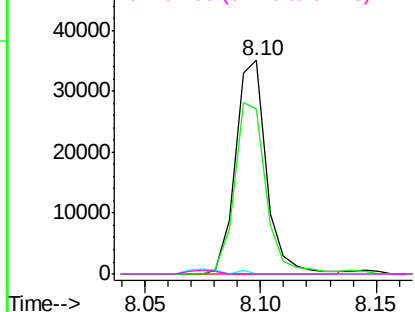
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

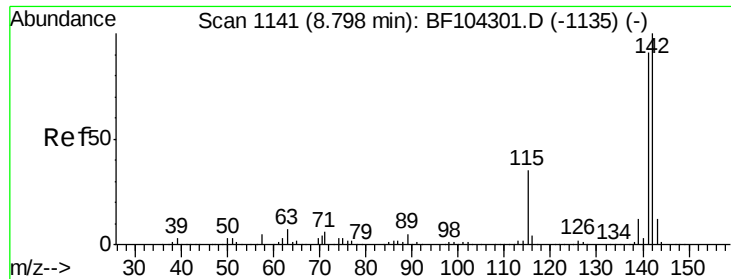


#33
4-Chloroaniline
Concen: 3.320 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:127 Resp: 32905
Ion Ratio Lower Upper
127 100
129 77.4 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

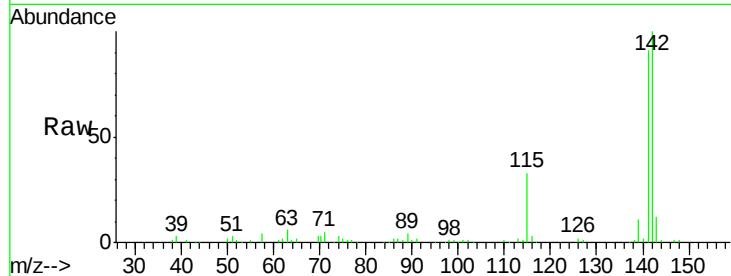




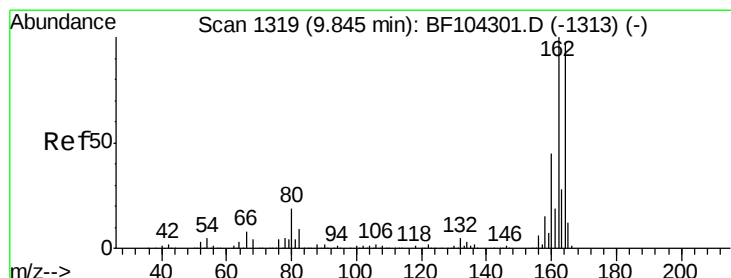
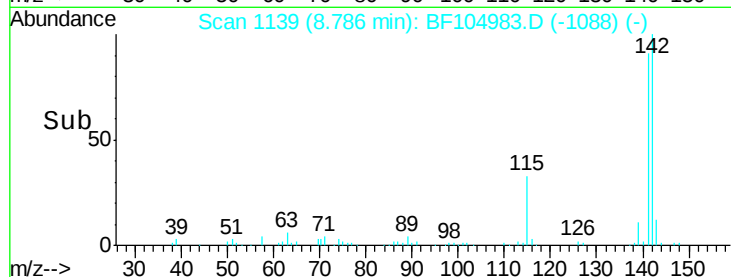
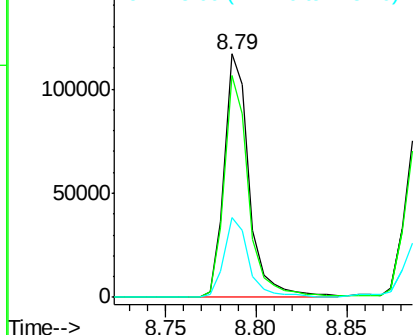
#37
2-Methylnaphthalene
Concen: 7.527 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2
115	32.9	26.1	39.1

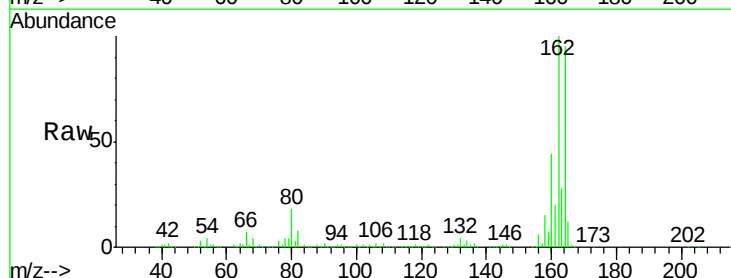


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

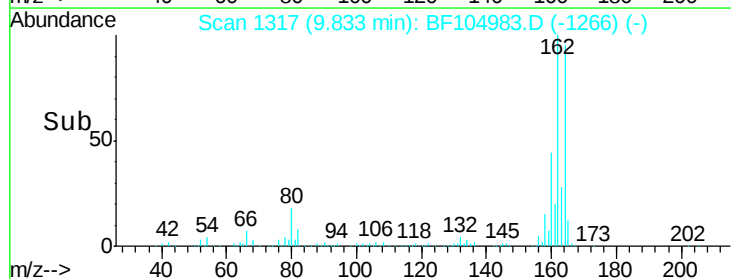
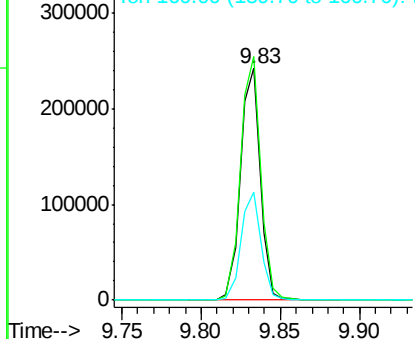


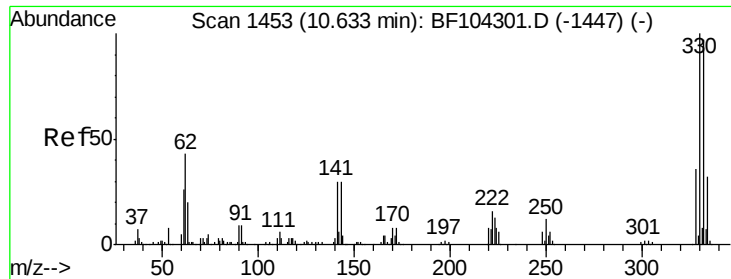
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.5	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

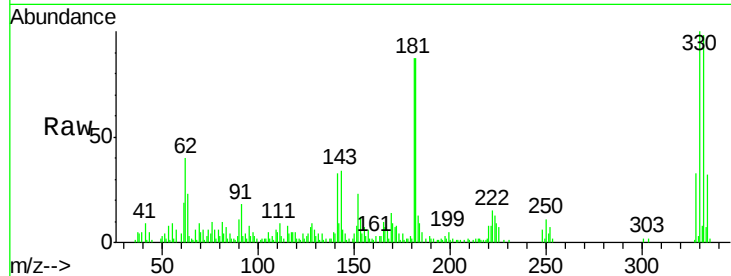




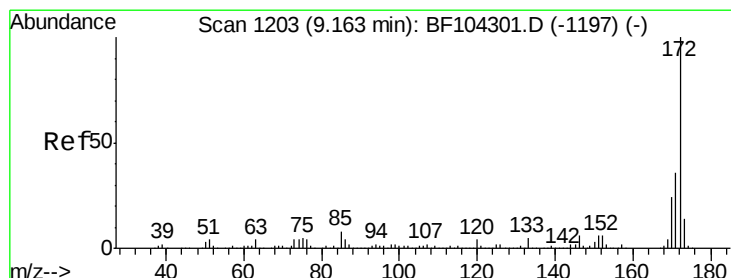
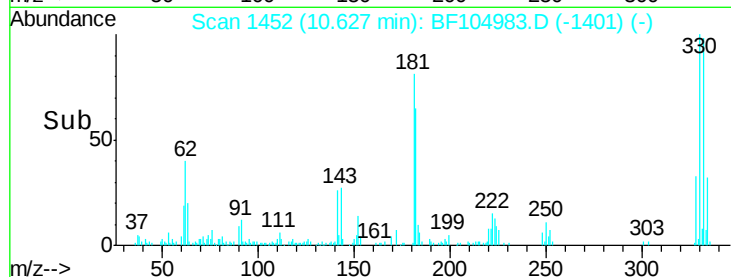
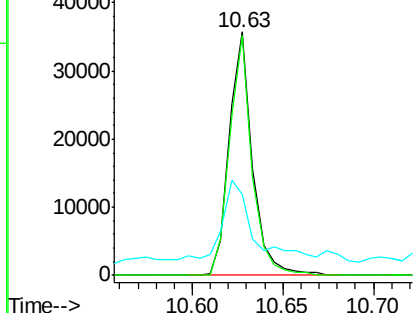
#41
 2,4,6-Tribromophenol
 Concen: 14.643 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF104983.D
 Acq: 1 May 2018 15:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 31964
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 41.0 29.9 44.9

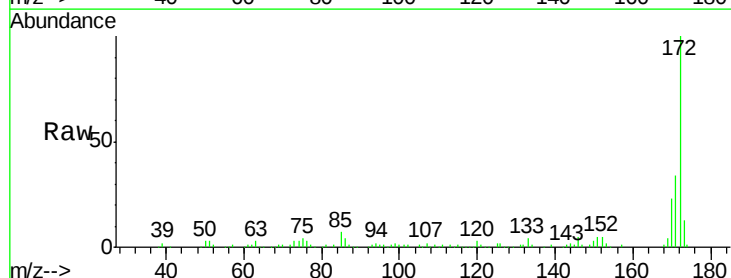


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

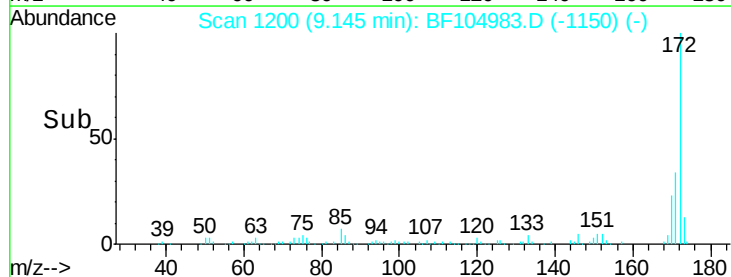
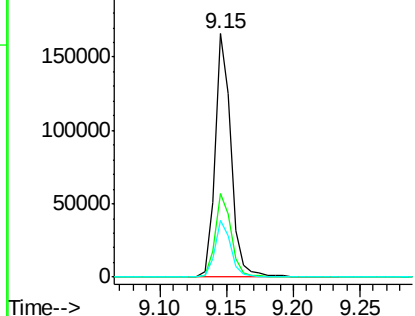


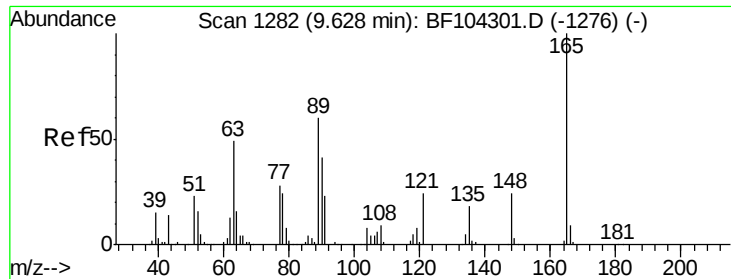
#44
 2-Fluorobiphenyl
 Concen: 10.543 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF104983.D
 Acq: 1 May 2018 15:02

Tgt Ion:172 Resp: 140442
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 23.1 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

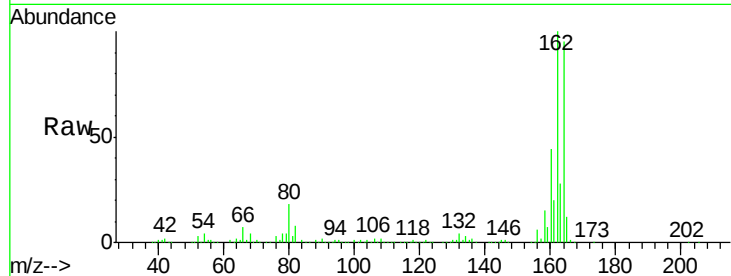




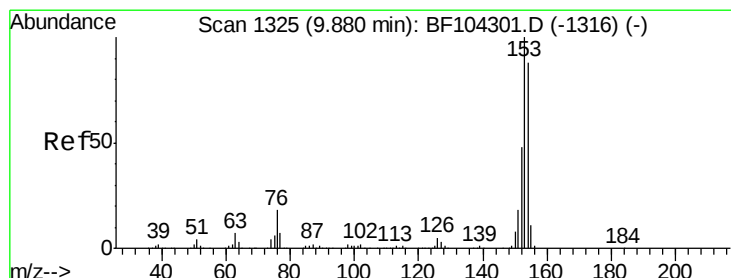
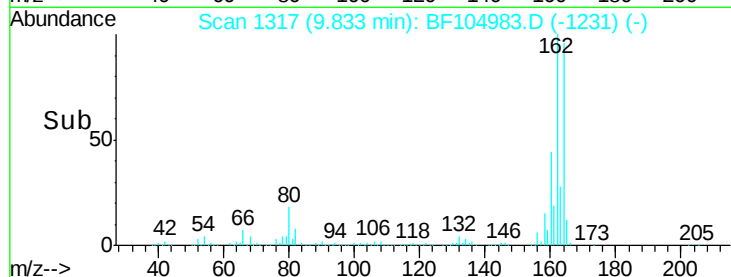
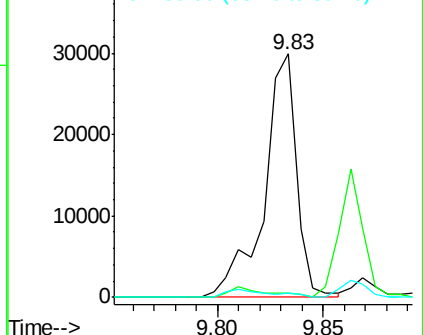
#50
2,6-Dinitrotoluene
Concen: 10.424 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 32009
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.9 44.0 66.0#

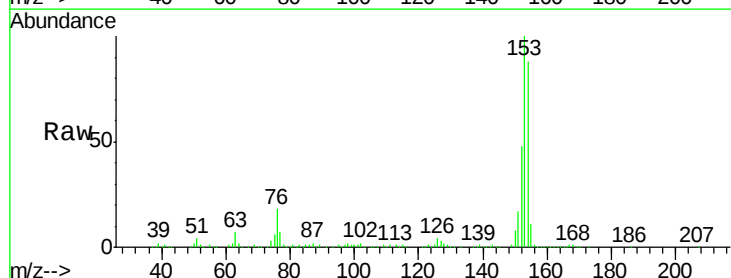


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

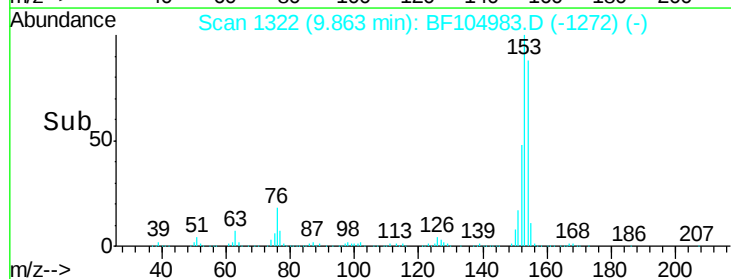
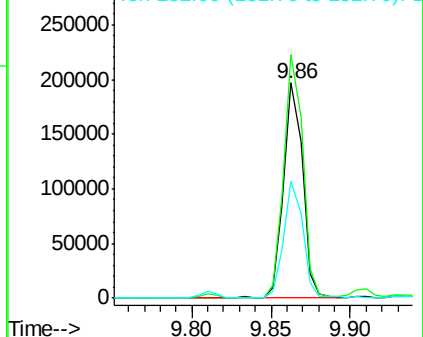


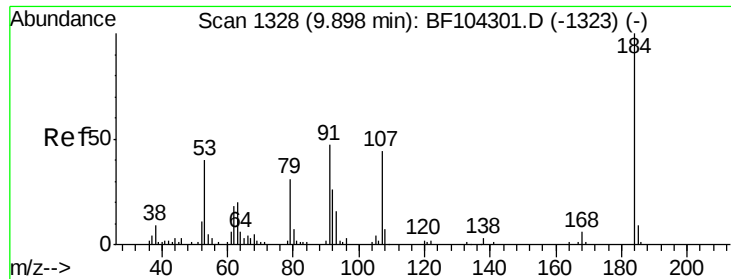
#51
Acenaphthene
Concen: 12.367 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:154 Resp: 165304
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 54.3 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

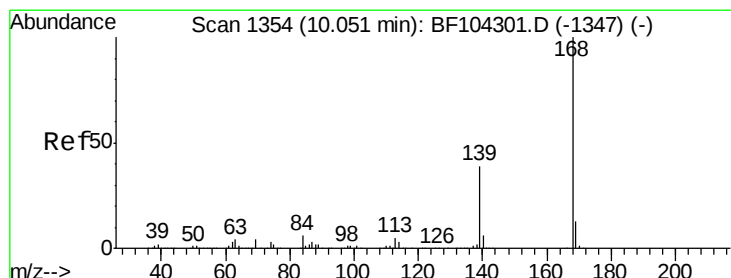
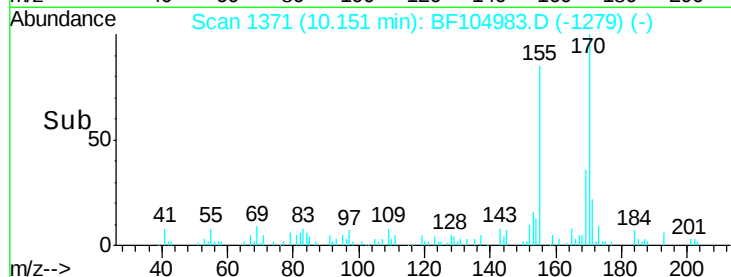
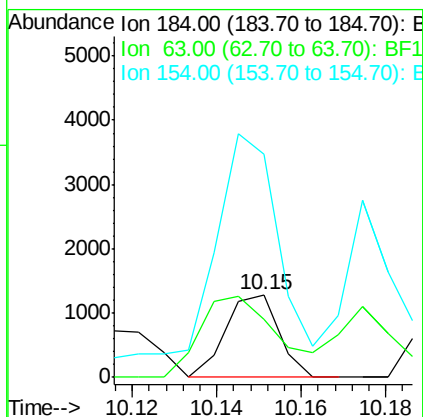
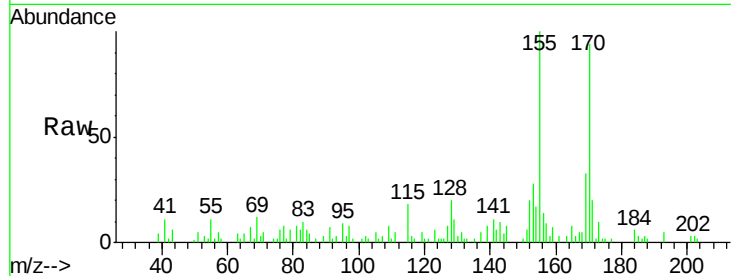




#53
 2,4-Dinitrophenol
 Concen: 6.458 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.24 min
 Lab File: BF104983.D
 Acq: 1 May 2018 15:02

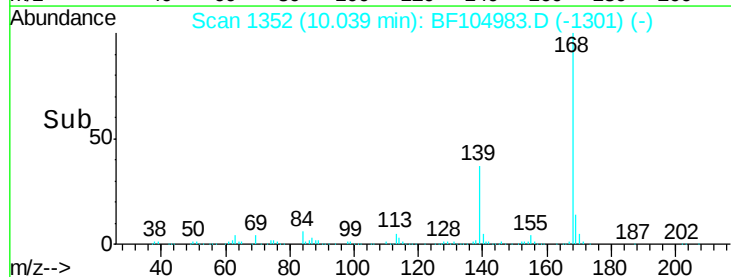
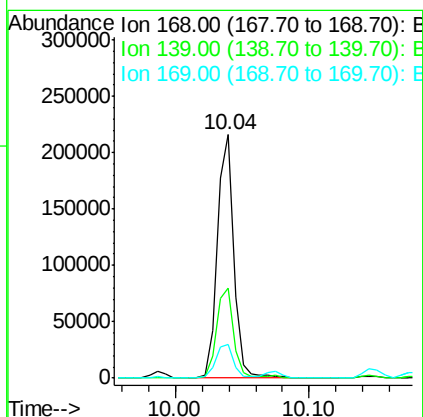
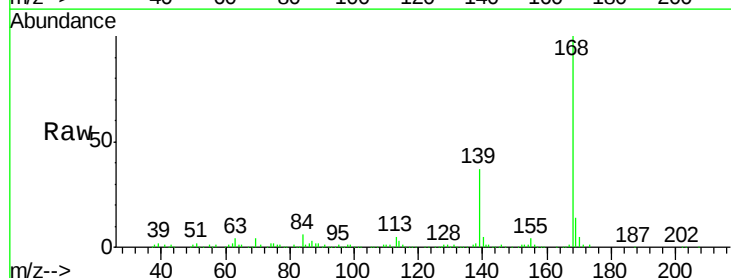
Instrument :
 BNA_F
 ClientSampled :

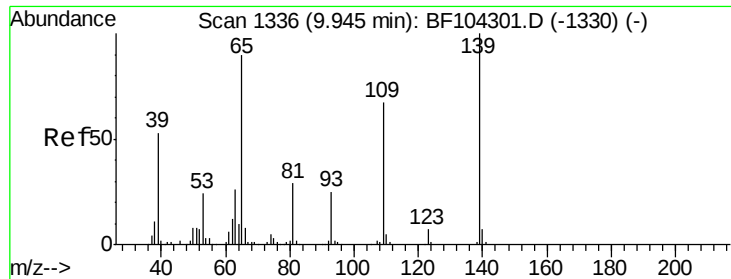
Tot Ion:184 Resp: 1121
 Ion Ratio Lower Upper
 184 100
 63 69.7 54.2 81.2
 154 270.5 184.0 276.0



#54
 Dibenzofuran
 Concen: 10.224 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BF104983.D
 Acq: 1 May 2018 15:02

Tgt Ion:168 Resp: 190447
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.1 45.1
 169 13.7 10.9 16.3

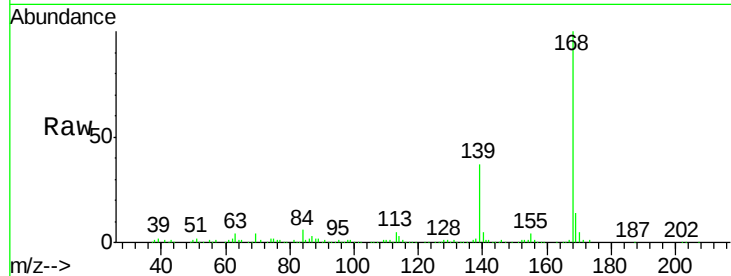




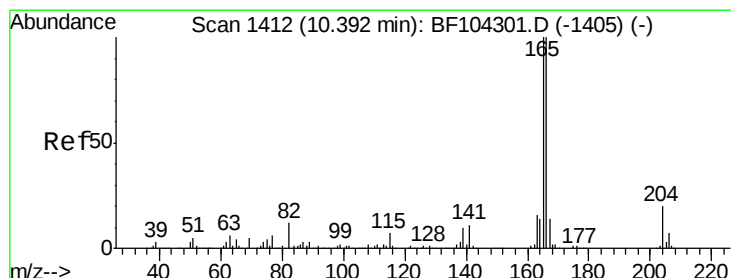
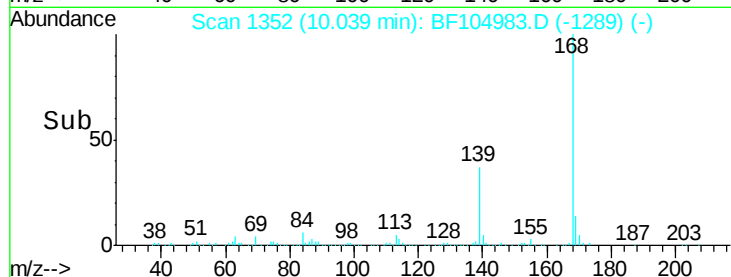
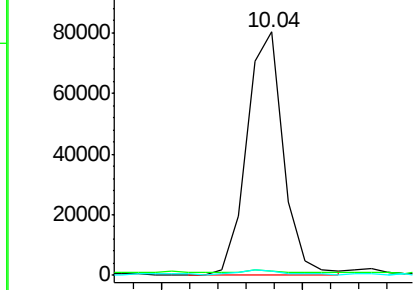
#55
4-Nitrophenol
Concen: 25.636 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.07 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 72390
Ion Ratio Lower Upper
139 100
109 1.7 48.4 88.4#
65 1.6 72.6 112.6#

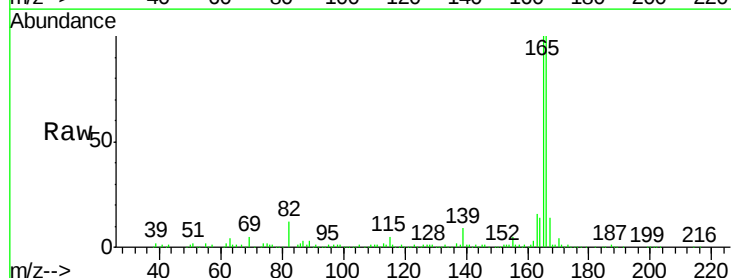


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

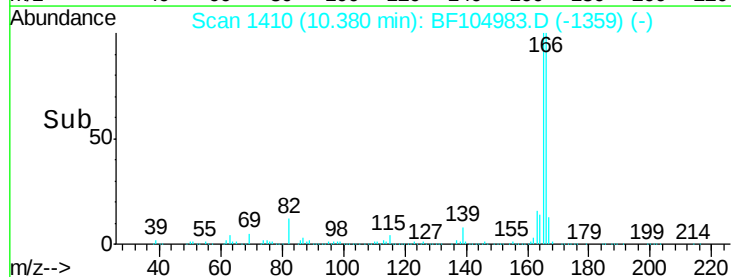
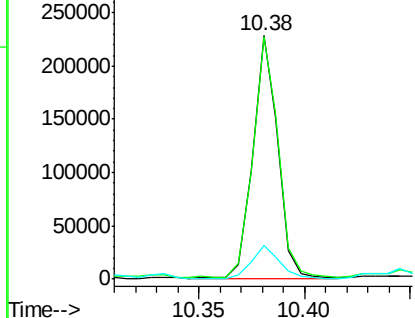


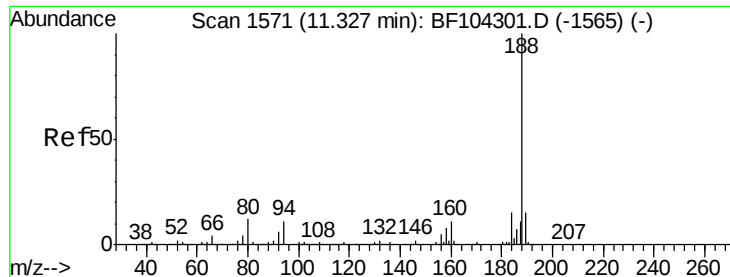
#57
Fluorene
Concen: 13.730 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:166 Resp: 186162
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.8
167 13.9 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

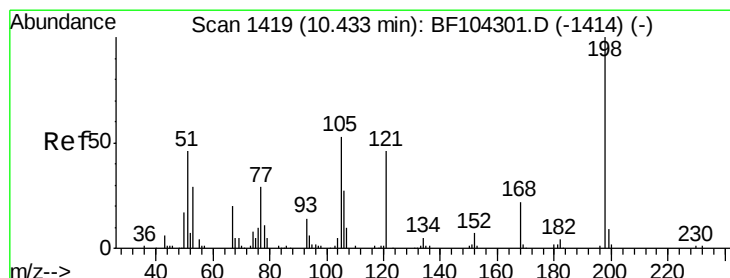
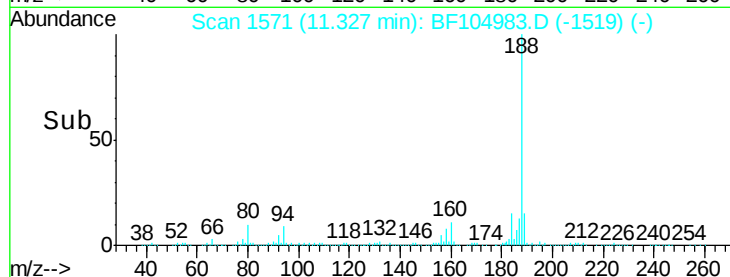
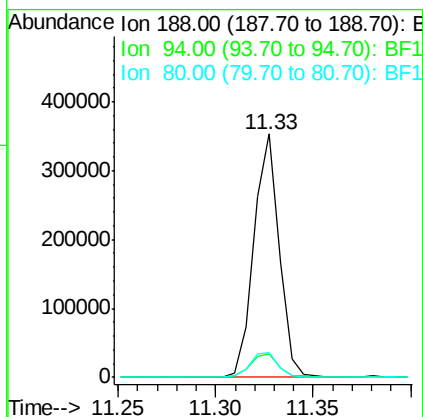
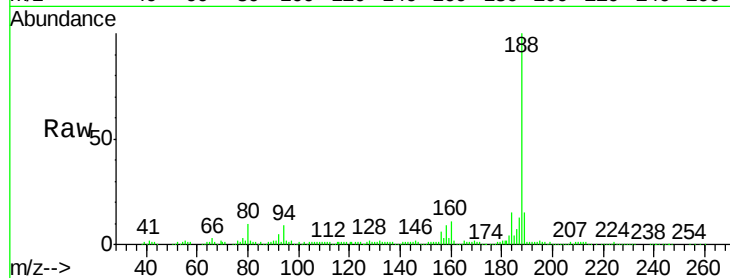




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

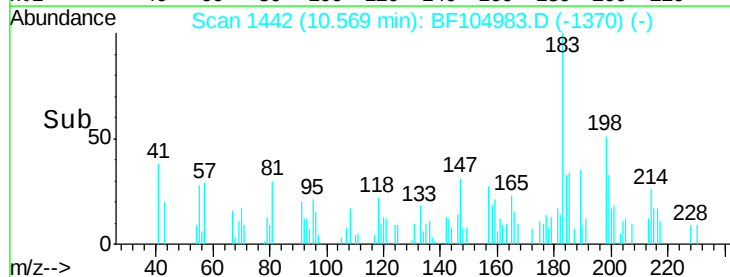
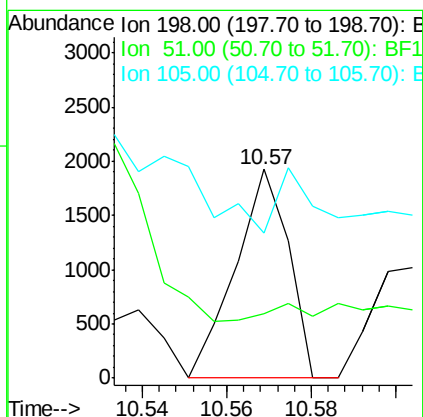
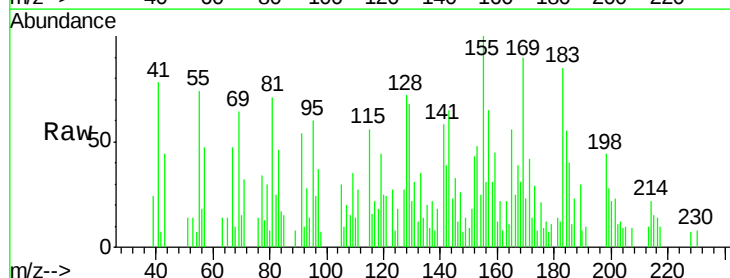
Instrument :
BNA_F
ClientSampleId :

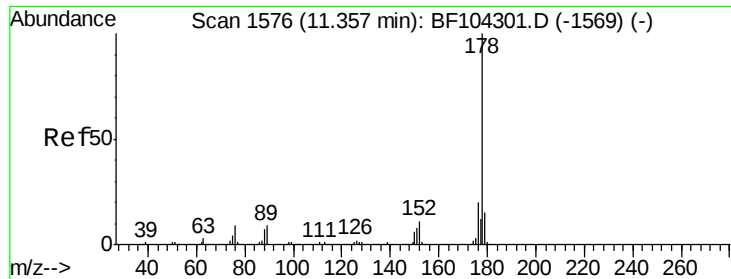
Tot Ion:188 Resp: 315781
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.273 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.12 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:198 Resp: 1682
Ion Ratio Lower Upper
198 100
51 31.1 37.7 77.7#
105 69.8 36.3 76.3

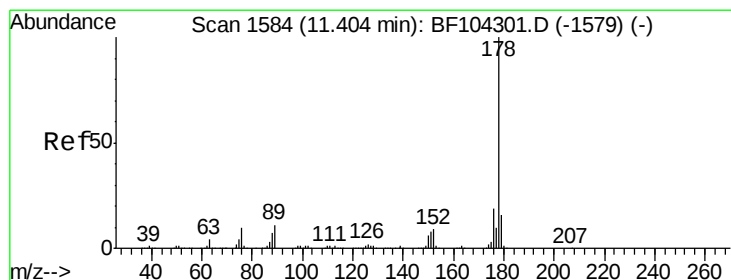
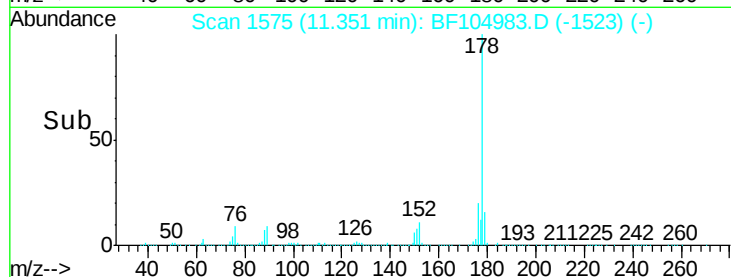
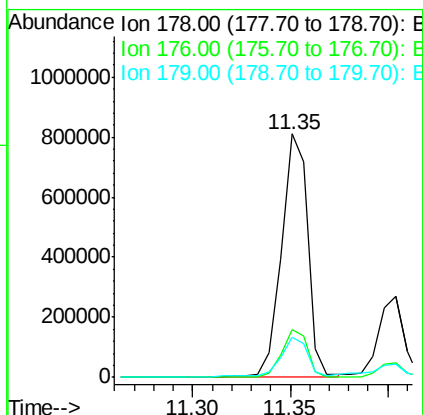
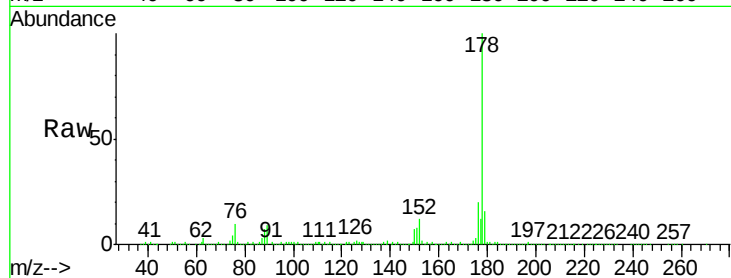




#70
Phenanthrene
Concen: 42.440 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

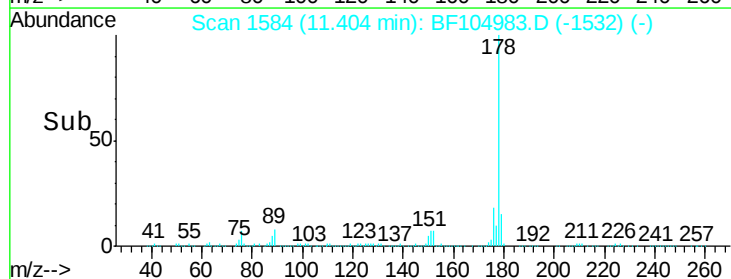
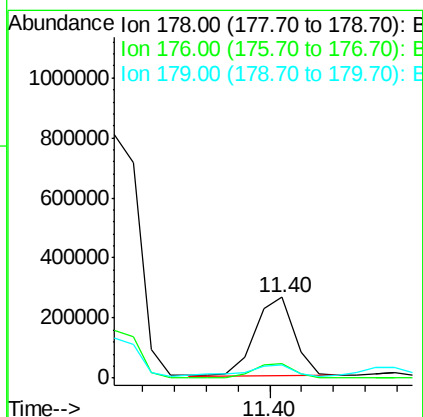
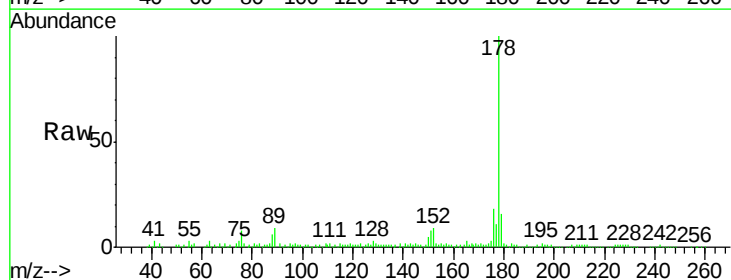
Instrument :
BNA_F
ClientSampleId :

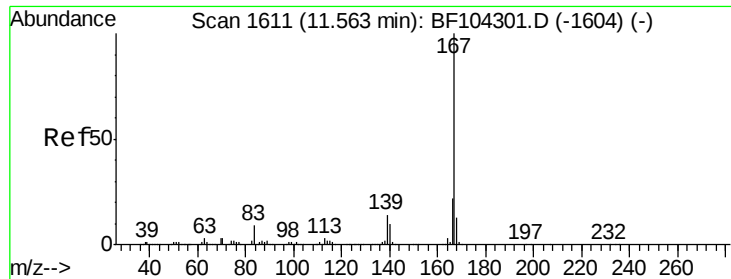
Tot Ion:178 Resp: 746337
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.4 13.0 19.6



#71
Anthracene
Concen: 12.611 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:178 Resp: 225442
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.6 12.6 19.0





#72

Carbazole

Concen: 2.781 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF104983.D

Acq: 1 May 2018 15:02

Instrument :

BNA_F

ClientSampleId :

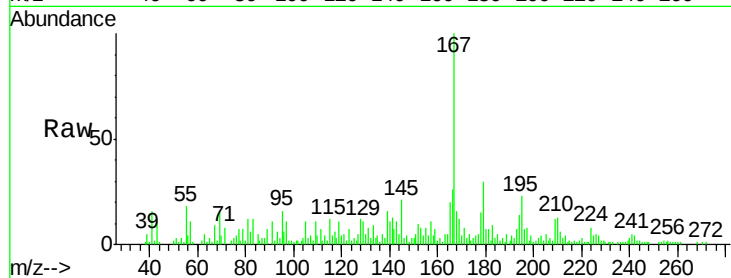
Tot Ion:167 Resp: 48574

Ion Ratio Lower Upper

167 100

166 25.8 17.6 26.4

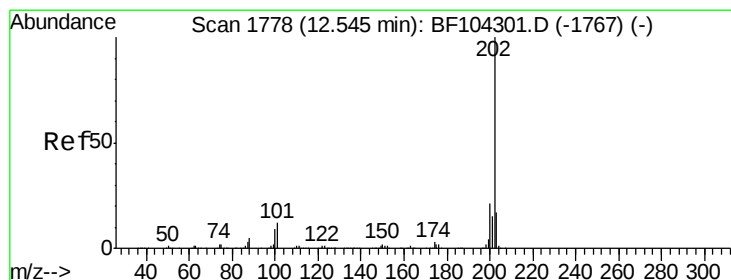
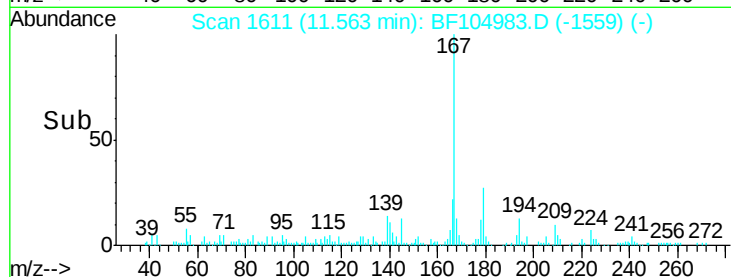
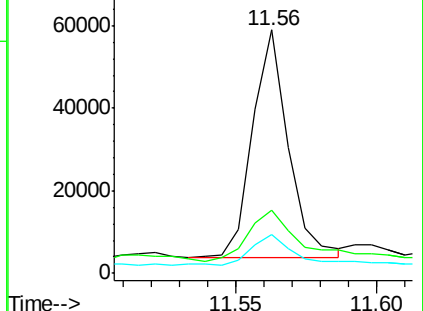
139 15.8 10.9 16.3



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: 35.861 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF104983.D

Acq: 1 May 2018 15:02

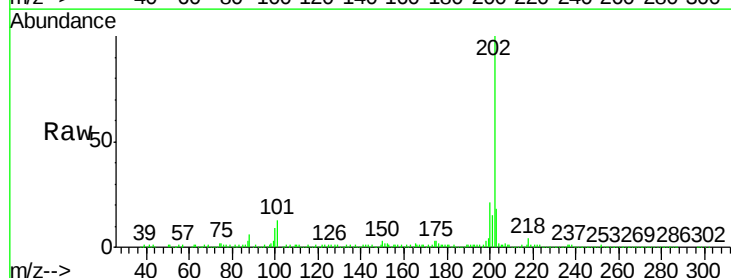
Tgt Ion:202 Resp: 658899

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

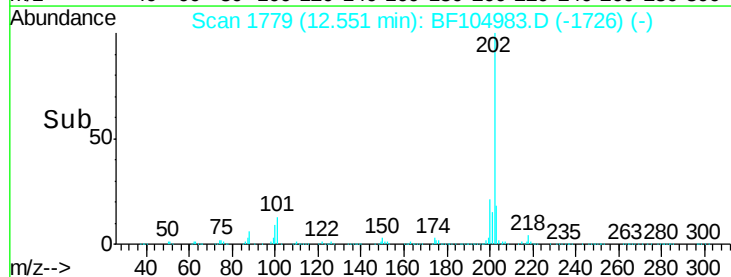
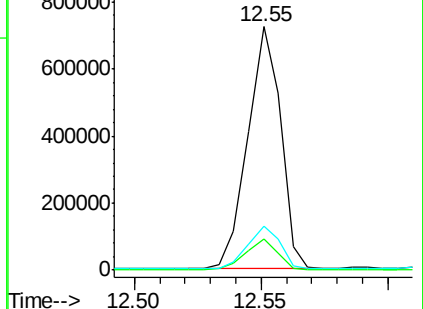
203 18.2 0.0 38.1

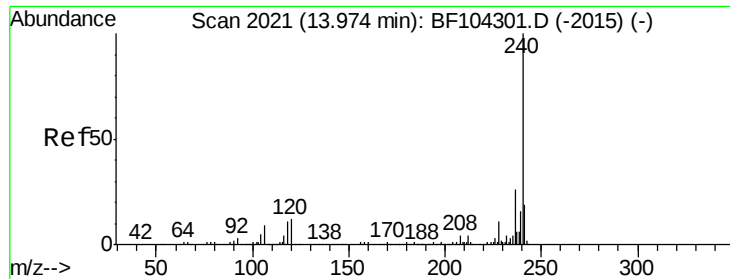


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2036

Delta R.T. 0.09 min

Lab File: BF104983.D

Acq: 1 May 2018 15:02

Instrument :

BNA_F

ClientSampleId :

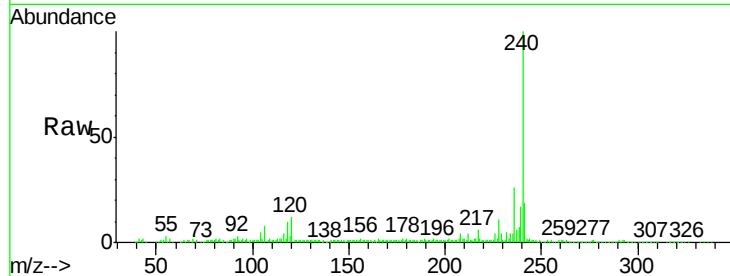
Tot Ion:240 Resp: 220577

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

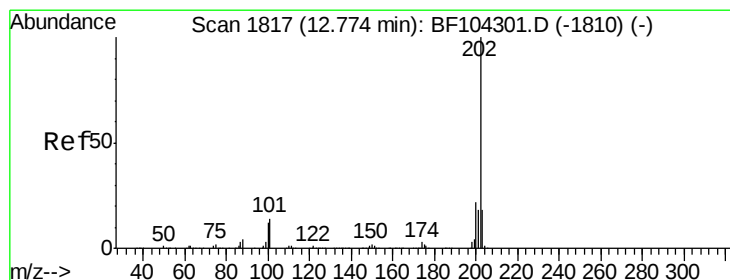
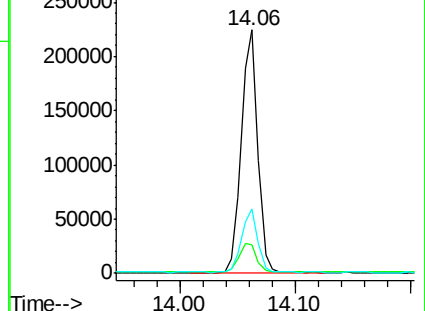
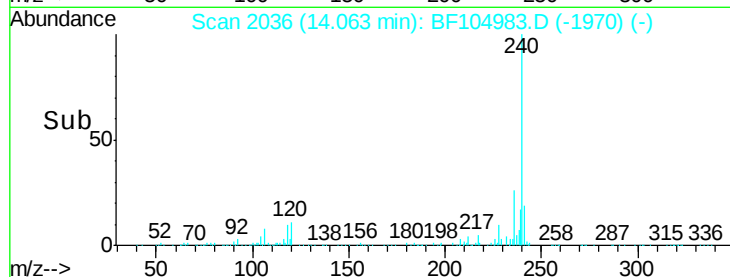
236 26.3 20.7 31.1



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

Pyrene

Concen: 29.787 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.02 min

Lab File: BF104983.D

Acq: 1 May 2018 15:02

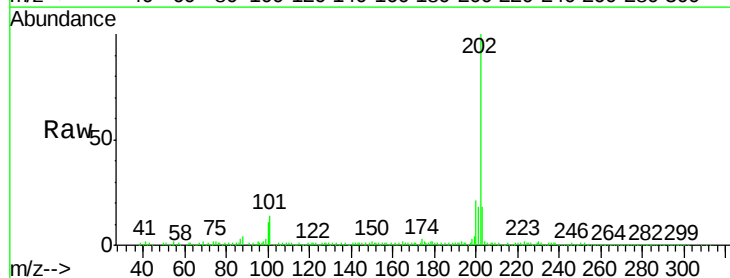
Tgt Ion:202 Resp: 487009

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

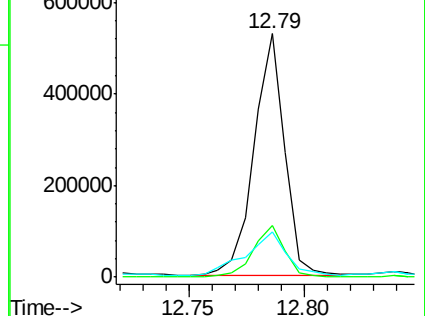
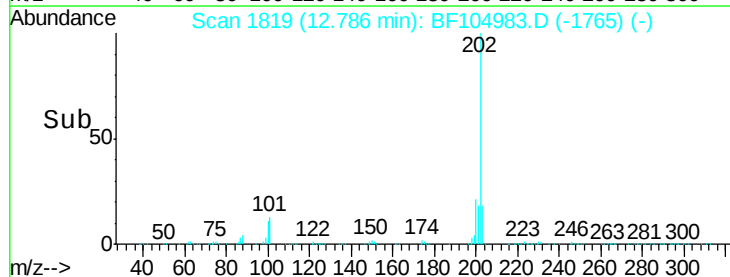
203 18.4 14.3 21.5

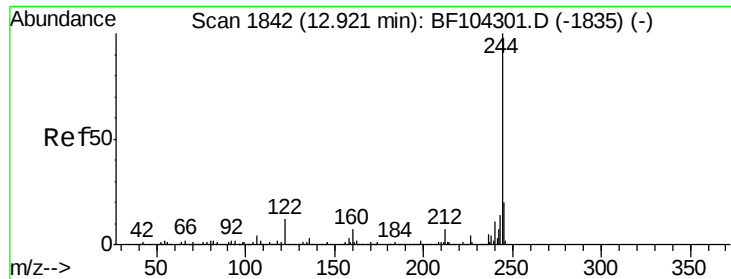


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

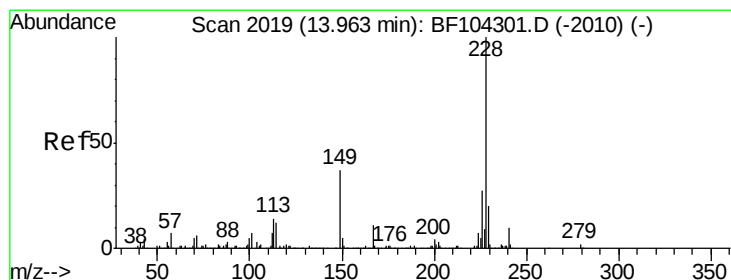
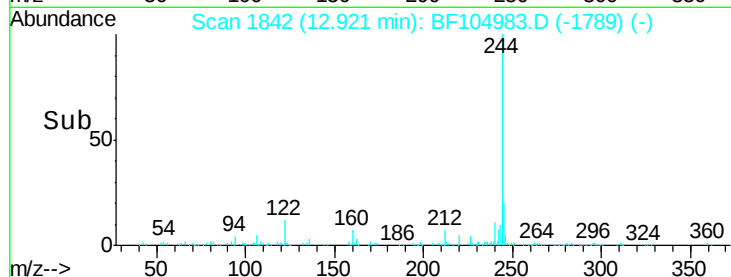
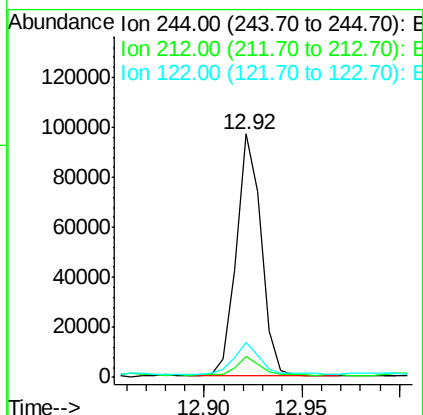
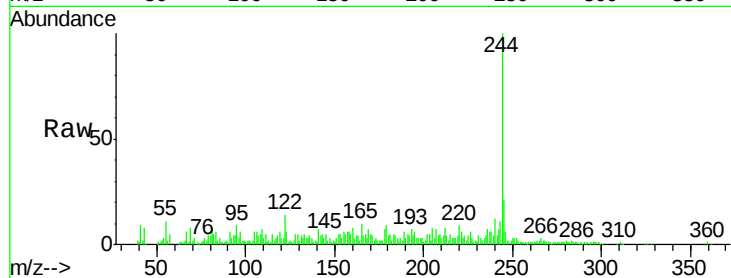




#78
 Terphenyl-d14
 Concen: 8.867 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF104983.D
 Acq: 1 May 2018 15:02

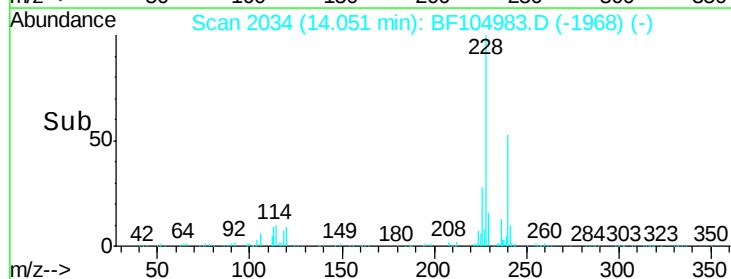
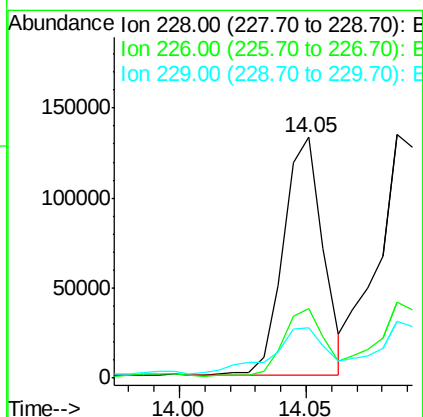
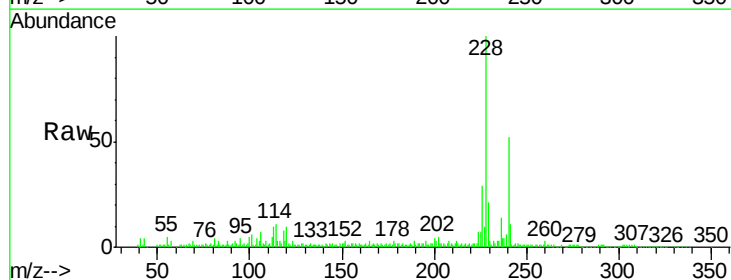
Instrument :
 BNA_F
 ClientSampleId :

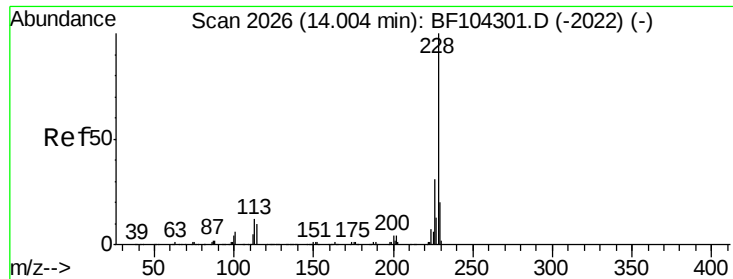
Tot Ion:244 Resp: 85791
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.4 8.0#
 122 14.1 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 10.892 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.09 min
 Lab File: BF104983.D
 Acq: 1 May 2018 15:02

Tgt Ion:228 Resp: 143534
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.6 33.8
 229 20.9 15.8 23.6

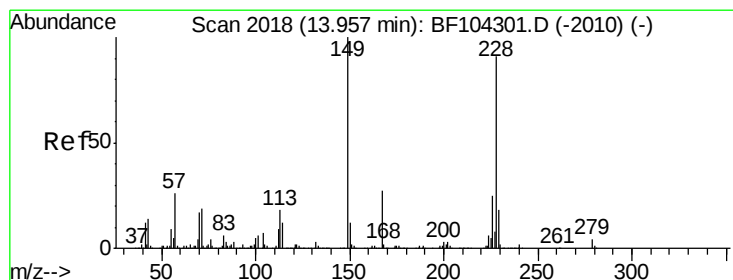
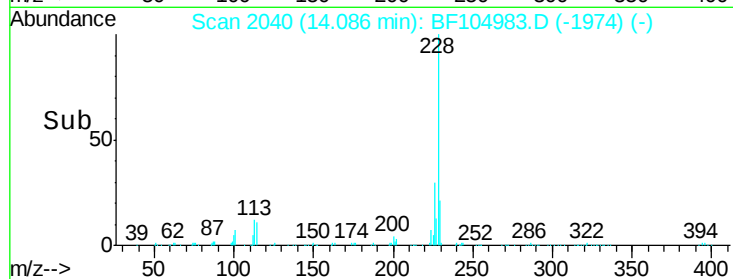
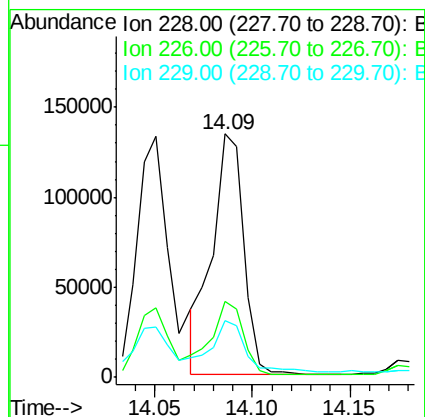
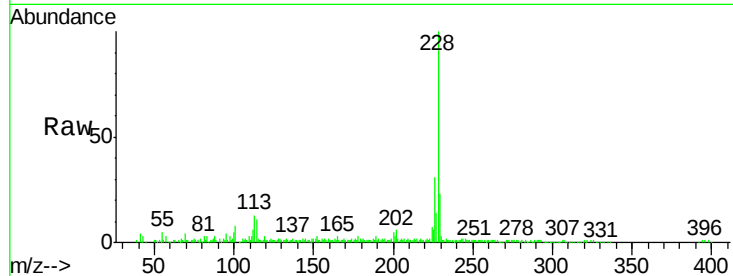




#82
 Chrvsene
 Concen: 11.165 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.09 min
 Lab File: BF104983.D
 Acq: 1 May 2018 15:02

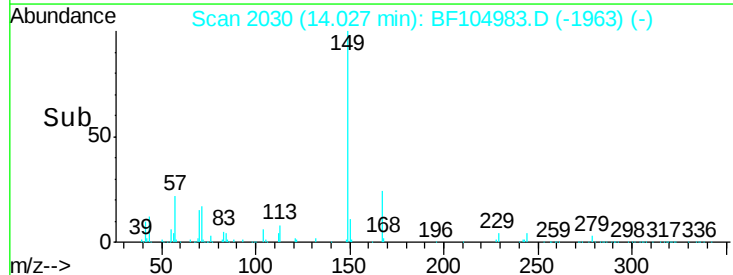
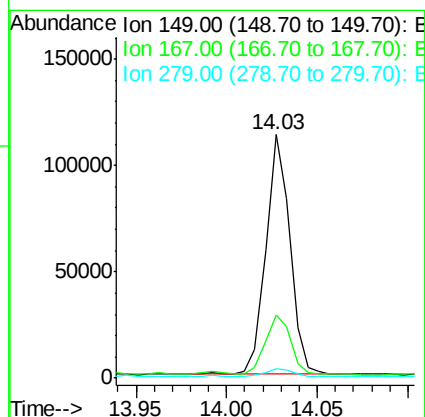
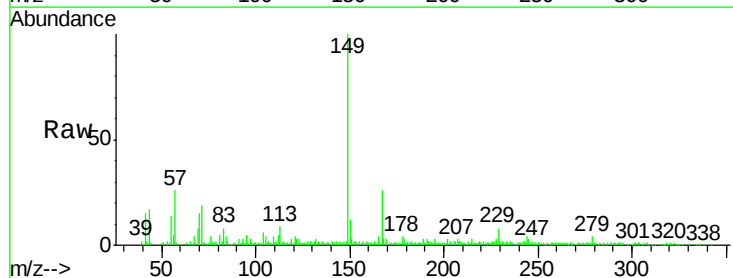
Instrument :
 BNA_F
 ClientSampleId :

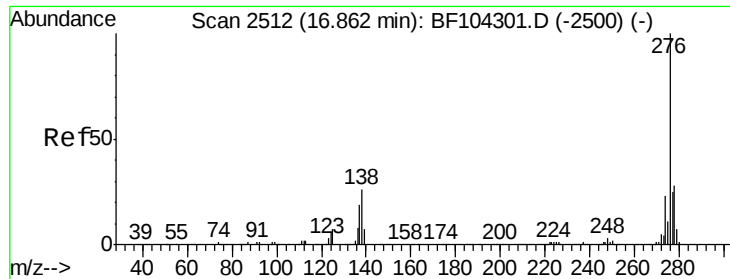
Tot Ion:228 Resp: 151127
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 23.0 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.526 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.09 min
 Lab File: BF104983.D
 Acq: 1 May 2018 15:02

Tgt Ion:149 Resp: 104292
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.8 3.0 4.4

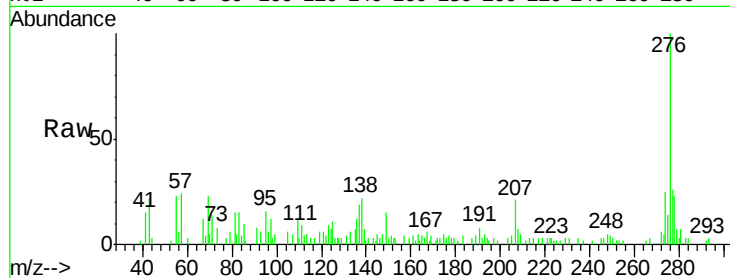




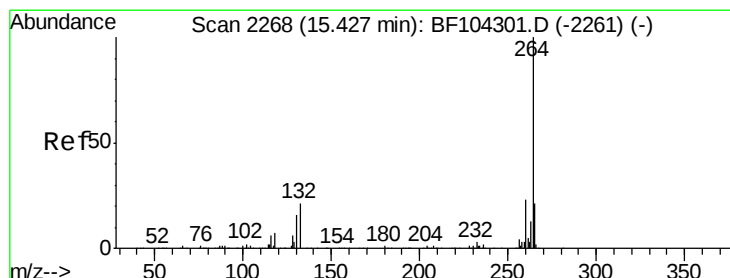
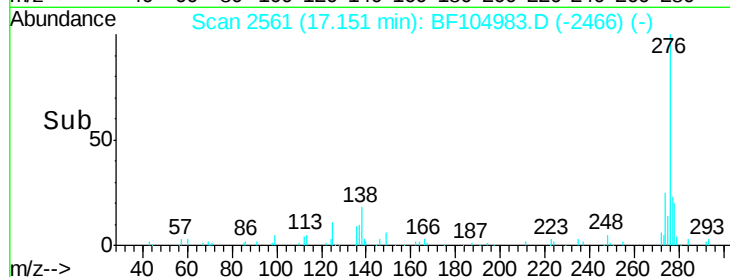
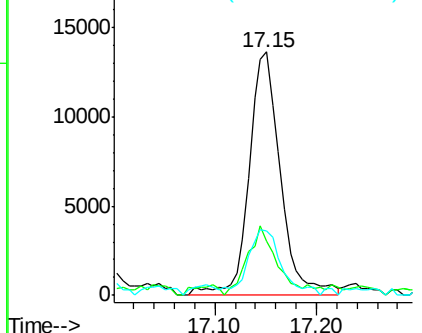
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.551 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.26 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 29331
Ion Ratio Lower Upper
276 100
138 27.9 25.0 37.6
277 27.9 20.1 30.1

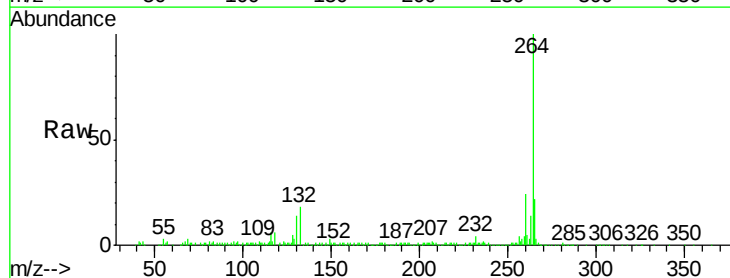


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

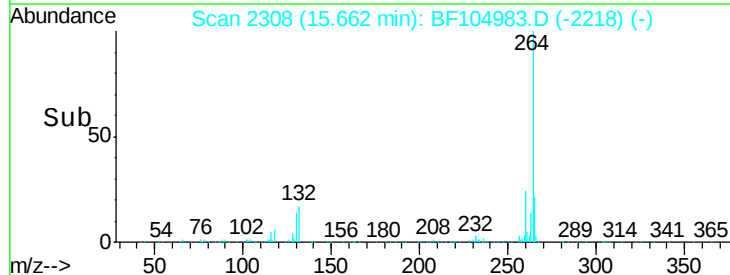
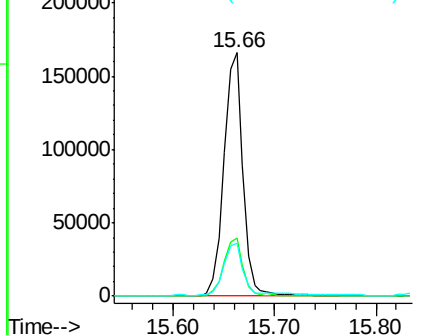


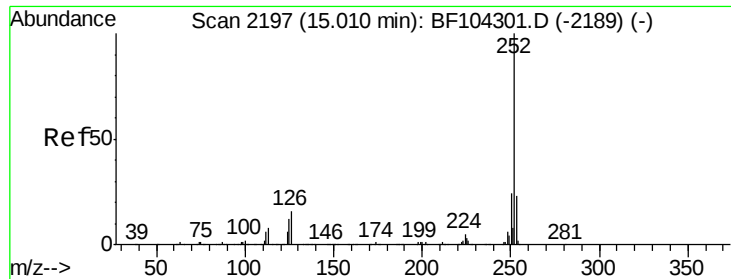
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.23 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:264 Resp: 217036
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 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

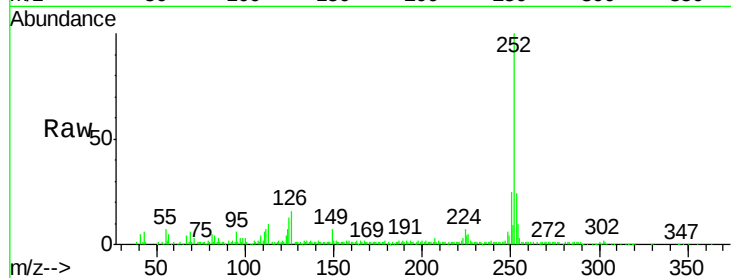




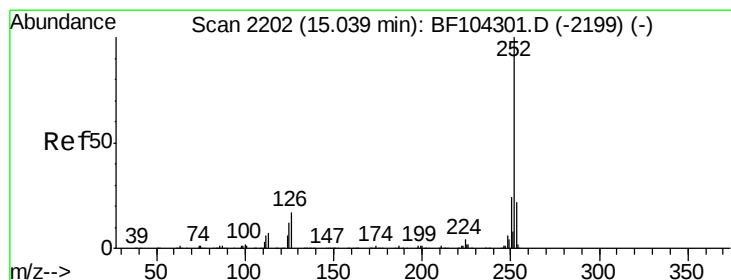
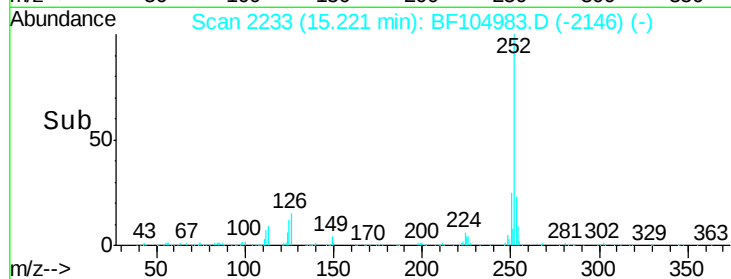
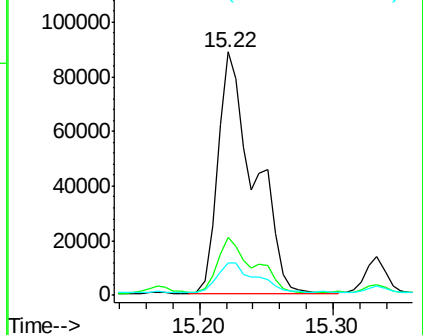
#87
Benzo(b)fluoranthene
Concen: 12.248 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.21 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 167897
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 13.4 9.0 13.6

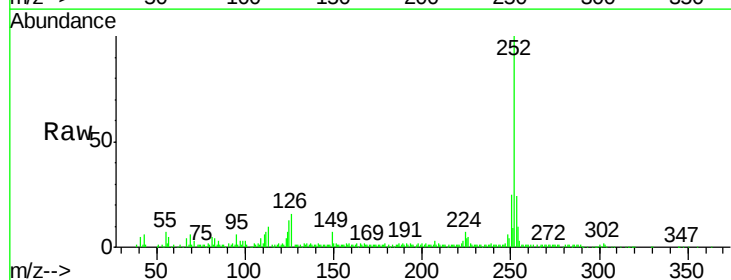


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

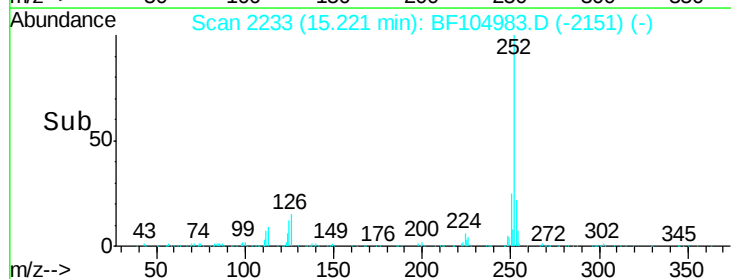
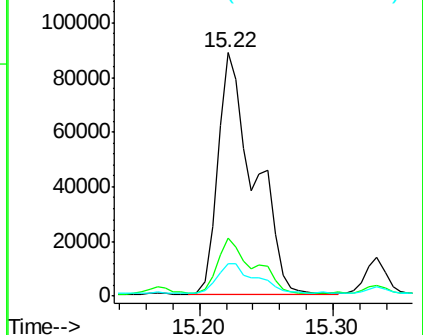


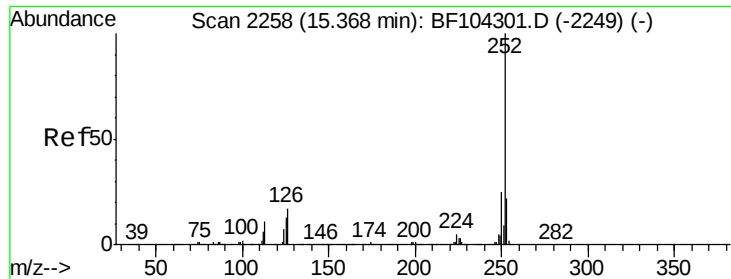
#88
Benzo(k)fluoranthene
Concen: 12.974 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.18 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:252 Resp: 167897
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 13.4 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

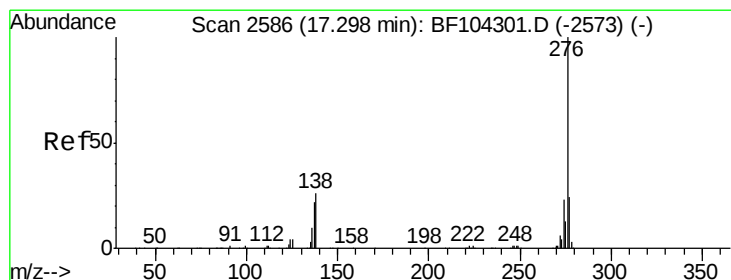
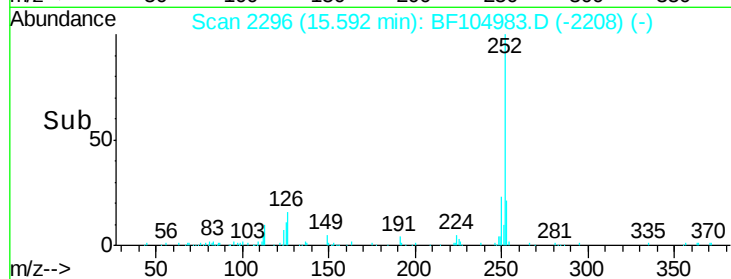
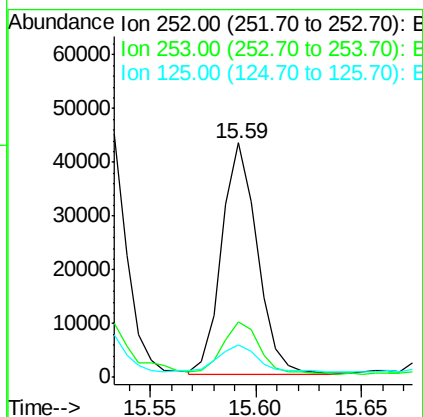
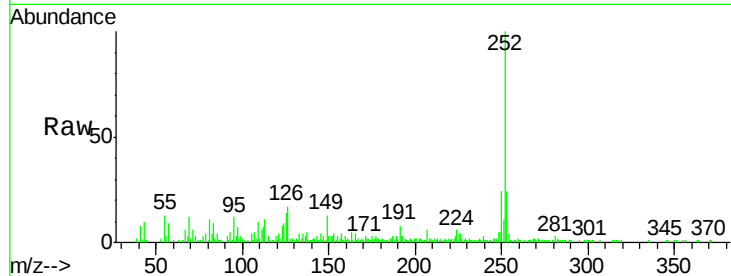




#89
Benzo(a)pyrene
Concen: 4.125 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.22 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 50596
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 13.9 9.8 14.6



#91
Benzo(g,h,i)perylene
Concen: 2.396 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.26 min
Lab File: BF104983.D
Acq: 1 May 2018 15:02

Tgt Ion:276 Resp: 23382
Ion Ratio Lower Upper
276 100
277 23.4 17.9 26.9
138 24.8 21.8 32.8

