

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103065.D
 Acq On : 16 Feb 2018 20:59
 Operator : SJ/JU
 Sample : J1539-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 23:19:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171424	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	676321	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	264420	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	395779	20.00	ng	0.00
75) Chrysene-d12	14.04	240	299305	20.00	ng	-0.01
86) Perylene-d12	15.53	264	239160	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1217465	107.86	ng	0.01
7) Phenol-d6	6.51	99	1444023	106.25	ng	0.00
23) Nitrobenzene-d5	7.44	82	888318	91.12	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	221513	104.08	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1089867	68.39	ng	0.00
78) Terphenyl-d14	12.99	244	868266	68.69	ng	0.00

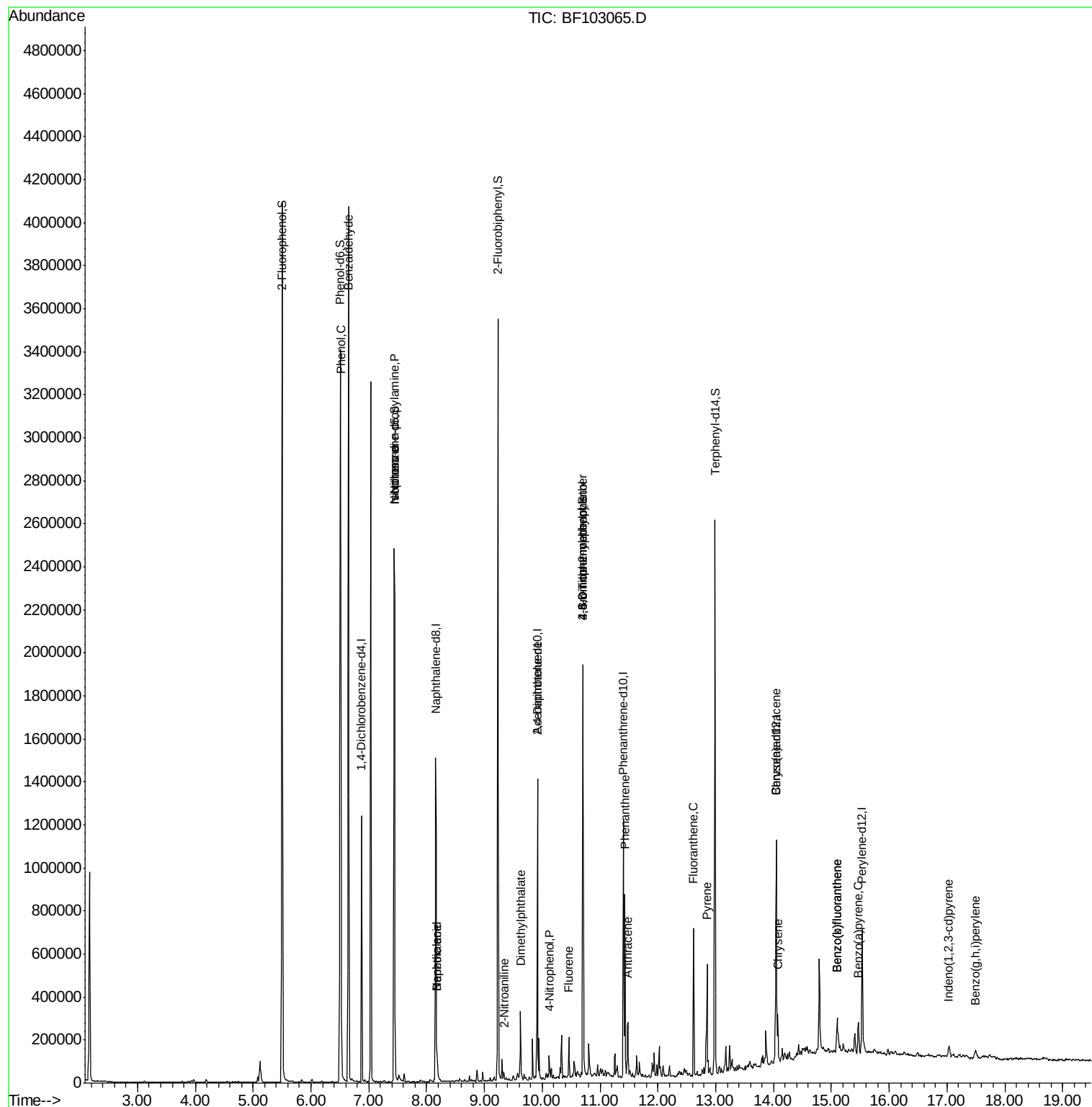
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	24463	2.42	ng	83
10) Phenol	6.52	94	114423	7.86	ng	95
19) n-Nitroso-di-n-propylamine	7.44	70	115125	12.85	ng	# 79
25) Isophorone	7.44	82	888394	39.57	ng	# 64
31) Naphthalene	8.18	128	72067	2.18	ng	99
32) Benzoic acid	8.18	122	107	8.56	ng	# 1
47) 2-Nitroaniline	9.33	65	124	3.49	ng	# 2
49) Dimethylphthalate	9.62	163	112621	5.46	ng	97
55) 4-Nitrophenol	10.12	139	14557	7.51	ng	# 13
56) 2,4-Dinitrotoluene	9.92	165	34061	9.14	ng	# 24
57) Fluorene	10.46	166	47294	2.83	ng	99
64) 4,6-Dinitro-2-methylphenol	10.71	198	288	8.95	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	14429	3.45	ng	# 1
70) Phenanthrene	11.43	178	265907	12.06	ng	99
71) Anthracene	11.48	178	95312	4.25	ng	98
74) Fluoranthene	12.62	202	269069	12.13	ng	98
77) Pyrene	12.85	202	221671	9.44	ng	99
80) Benzo(a)anthracene	14.04	228	105379	5.60	ng	96
82) Chrysene	14.07	228	86607	4.56	ng	95
85) Indeno(1,2,3-cd)pyrene	17.03	276	31794	2.02	ng	# 93
87) Benzo(b)fluoranthene	15.10	252	125622	8.10	ng	95
88) Benzo(k)fluoranthene	15.10	252	125622	8.48	ng	98
89) Benzo(a)pyrene	15.47	252	68005	4.87	ng	# 90
91) Benzo(g,h,i)perylene	17.49	276	31253	2.82	ng	98

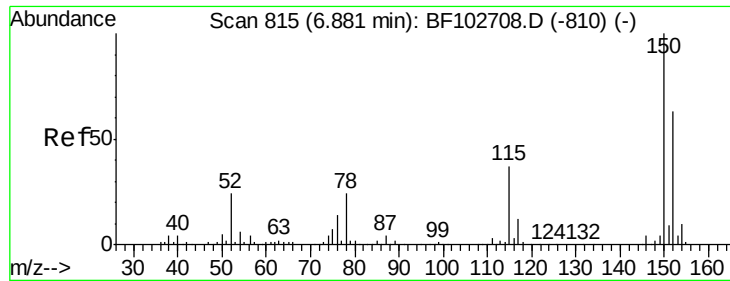
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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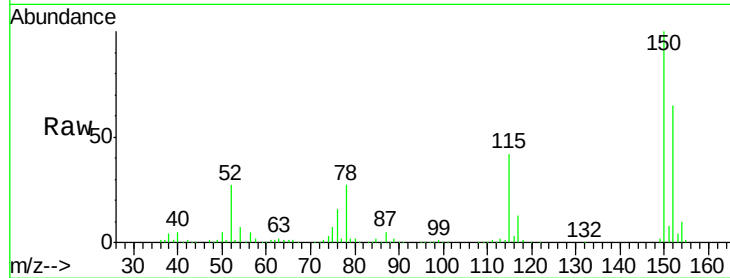


#1

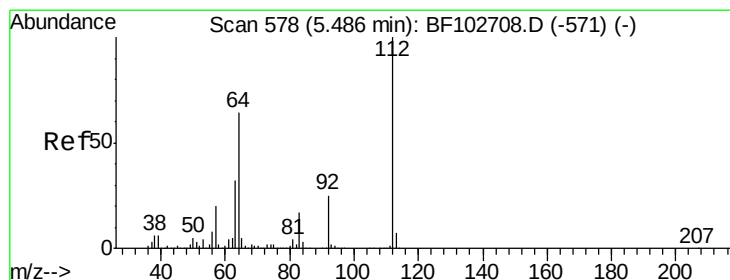
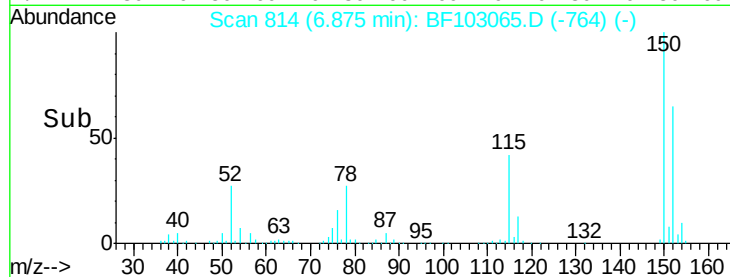
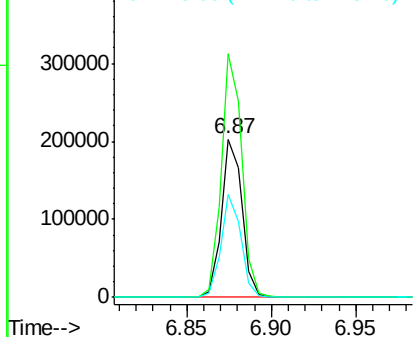
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171424
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 64.9 50.1 75.1



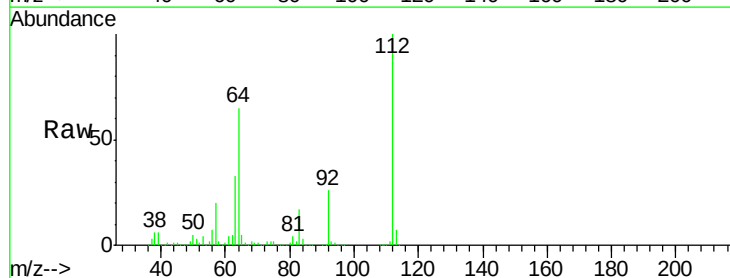
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



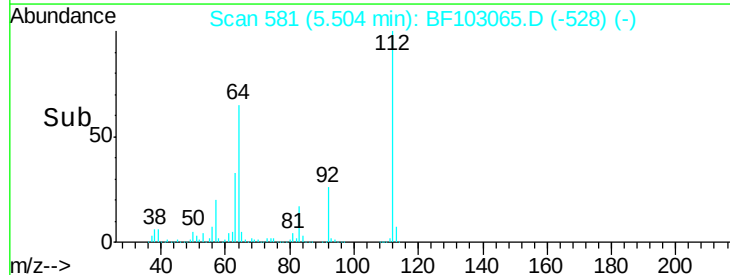
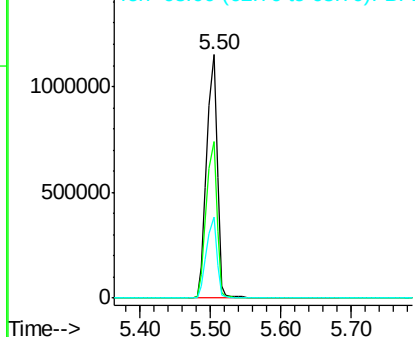
#5

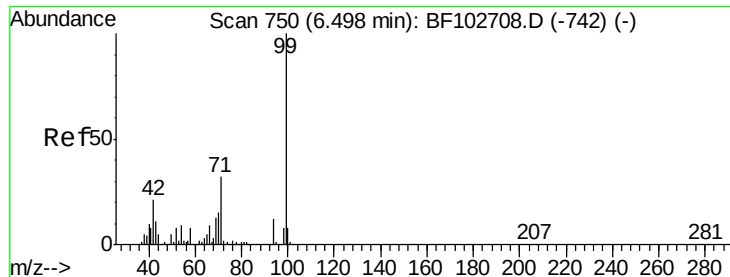
2-Fluorophenol
Concen: 107.86 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion:112 Resp: 1217465
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 33.1 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: 106.25 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

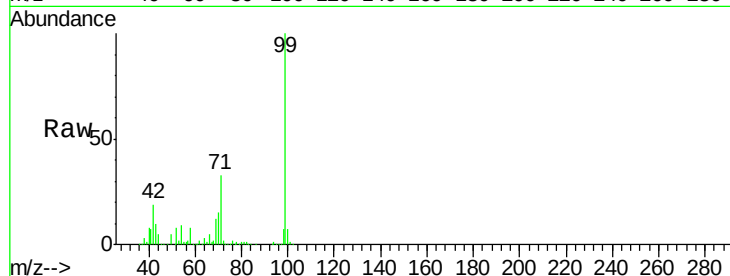
Tot Ion: 99 Resp: 1444023

Ion Ratio Lower Upper

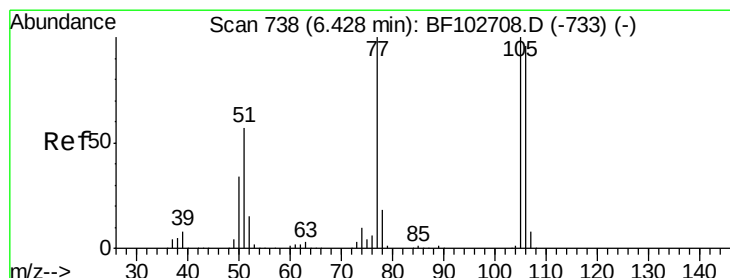
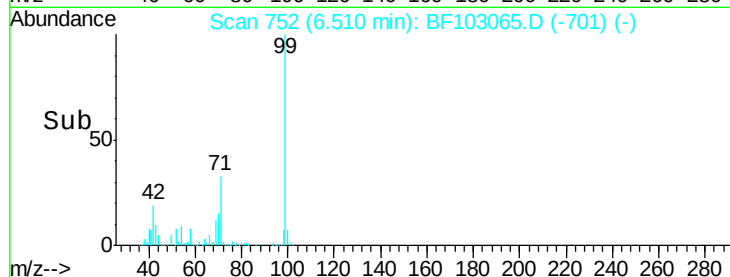
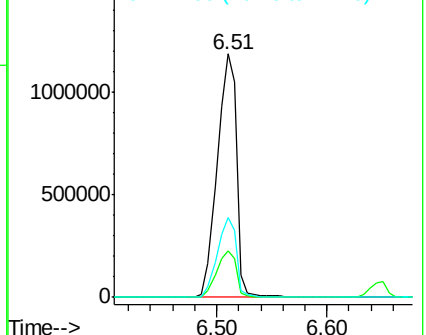
99 100

42 19.1 14.5 21.7

71 33.0 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: 2.42 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

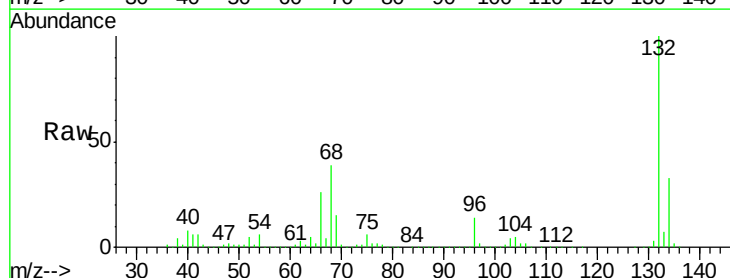
Tgt Ion: 77 Resp: 24463

Ion Ratio Lower Upper

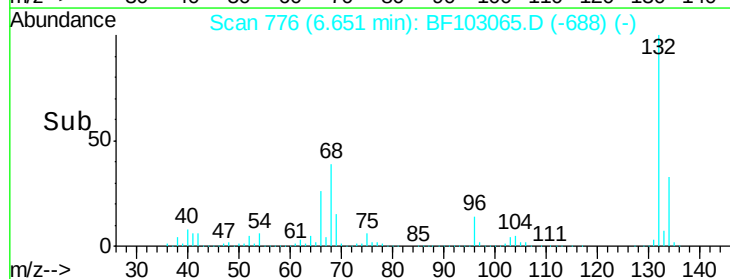
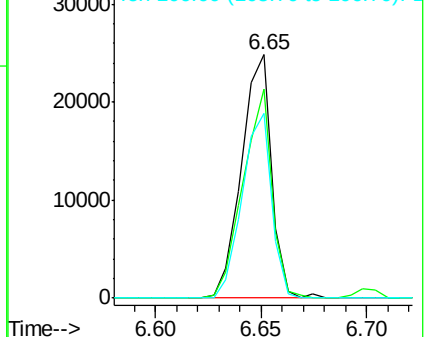
77 100

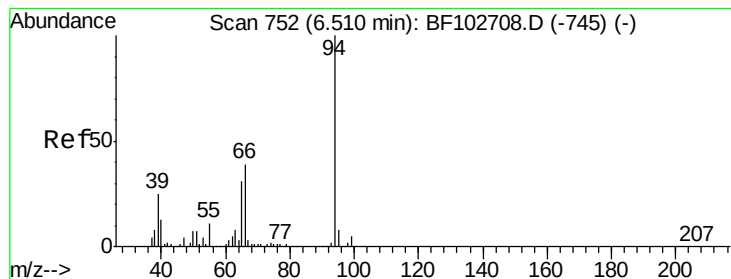
105 85.7 81.1 121.1

106 76.1 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: 7.86 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

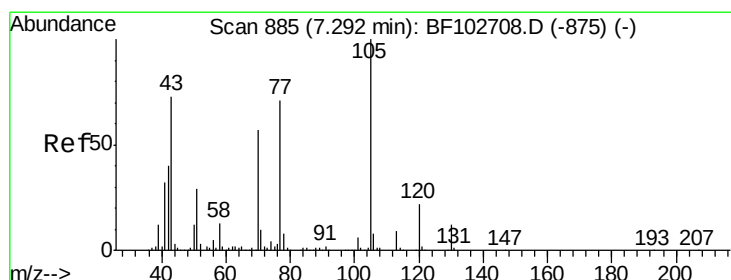
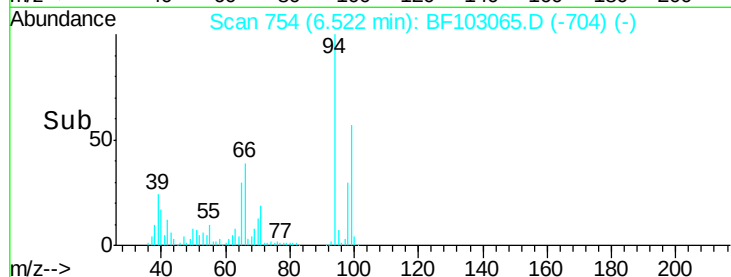
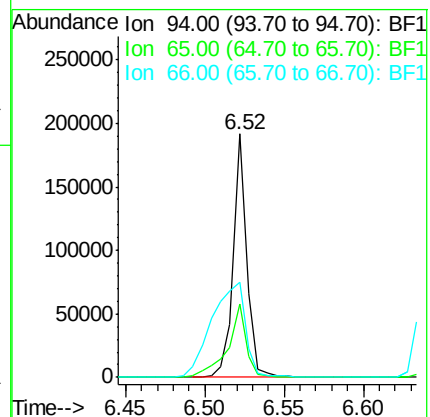
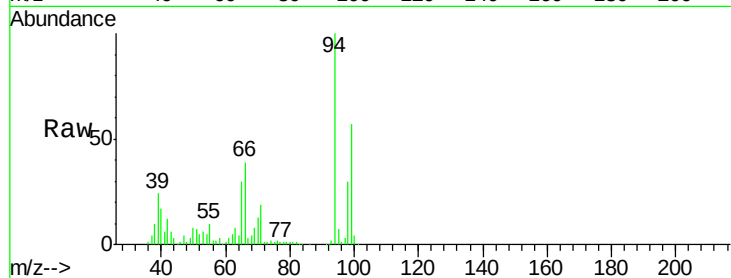
Tot Ion: 94 Resp: 114423

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

66 39.0 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.85 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Tgt Ion: 70 Resp: 115125

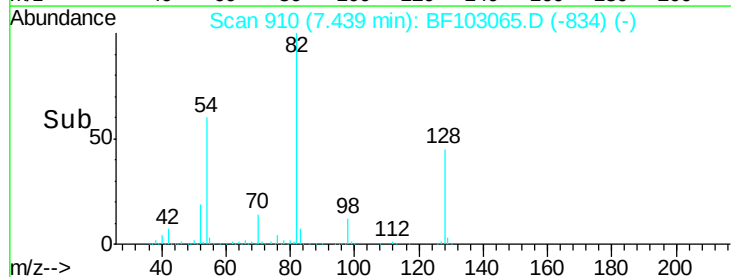
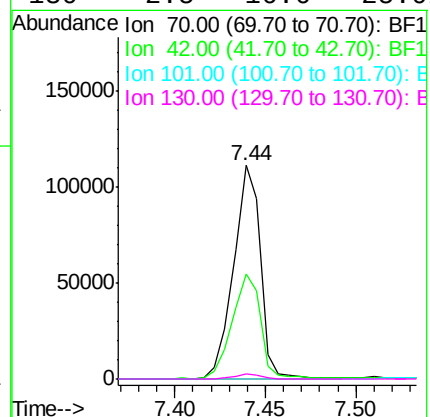
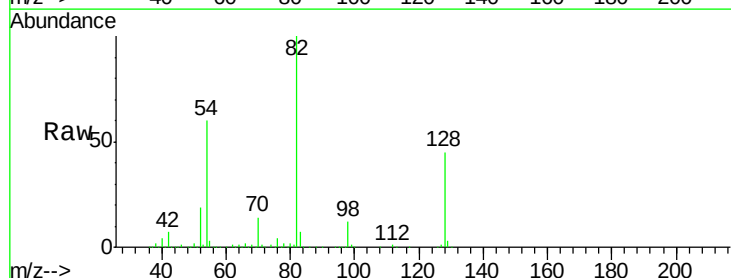
Ion Ratio Lower Upper

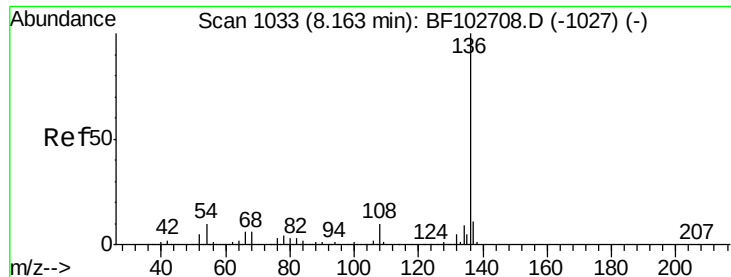
70 100

42 49.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

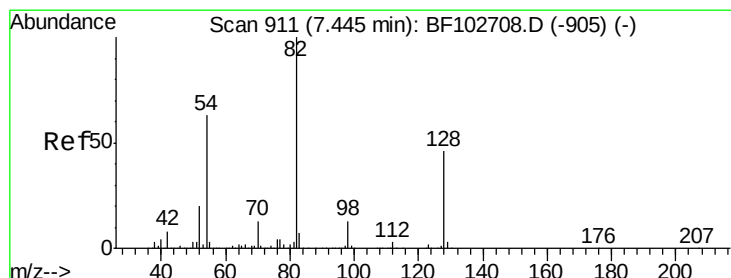
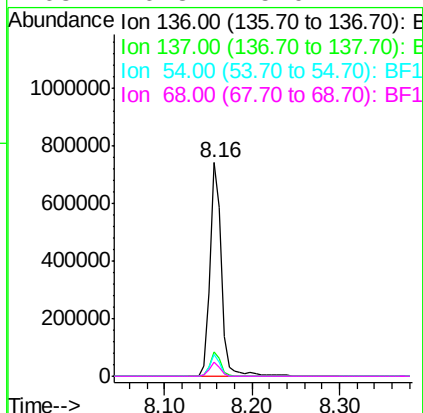
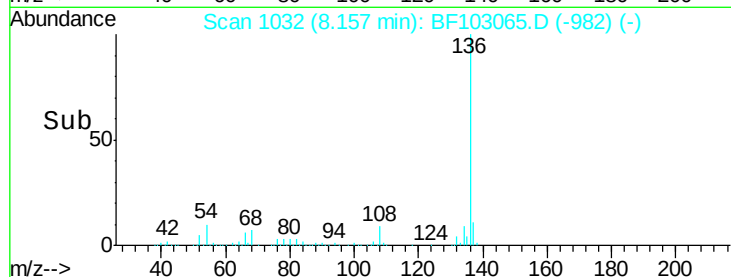
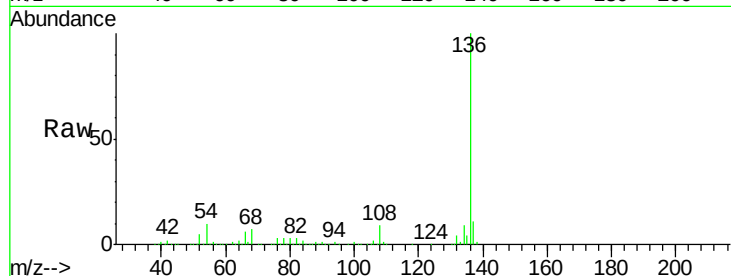




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

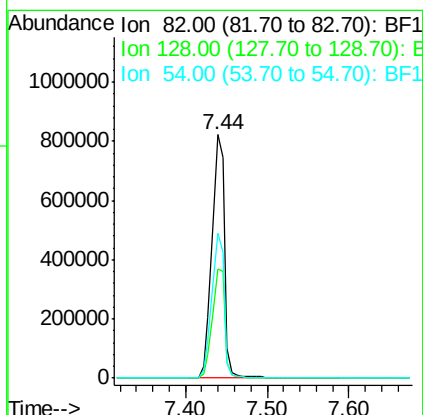
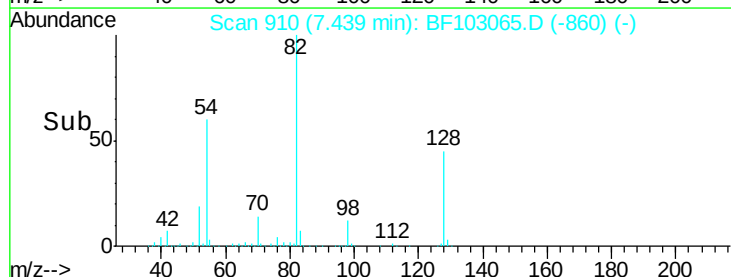
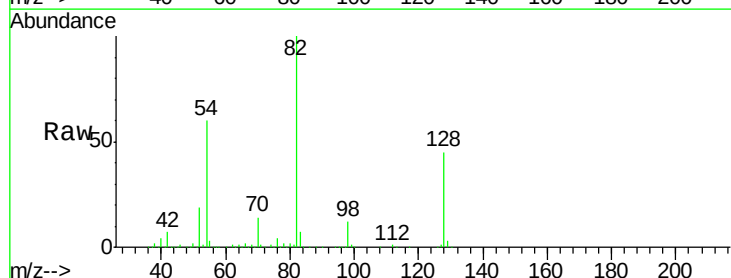
Instrument :
BNA_F
ClientSampleId :

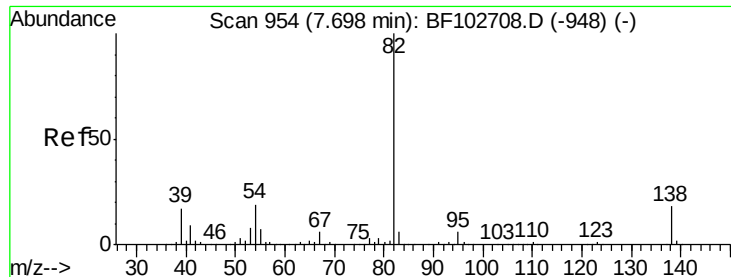
Tot Ion:136	Resp:	676321
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	10.2	6.6 9.8#
68	6.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 91.12 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion: 82	Resp:	888318
Ion	Ratio	Lower Upper
82	100	
128	45.0	36.1 54.1
54	59.8	41.4 62.2





#25

Isophorone

Concen: 39.57 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

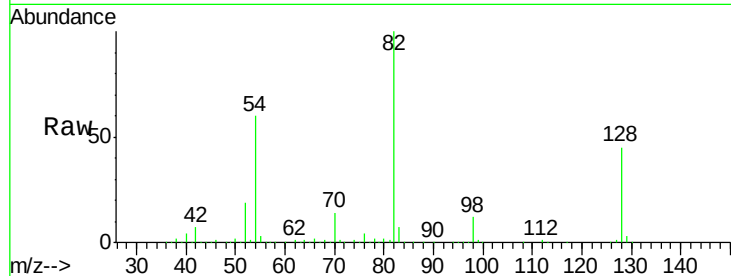
Tot Ion: 82 Resp: 888394

Ion Ratio Lower Upper

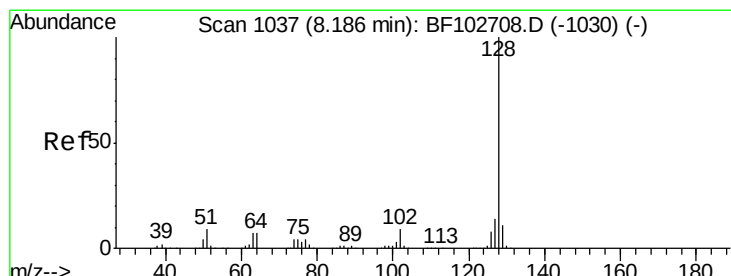
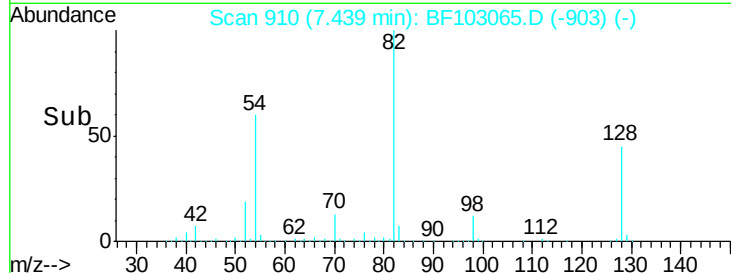
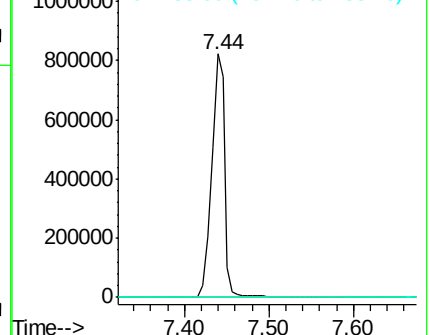
82 100

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: 2.18 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

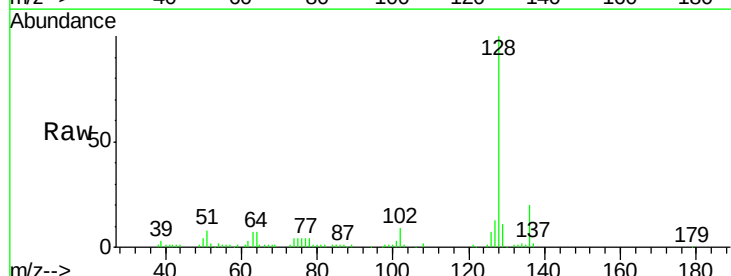
Tgt Ion: 128 Resp: 72067

Ion Ratio Lower Upper

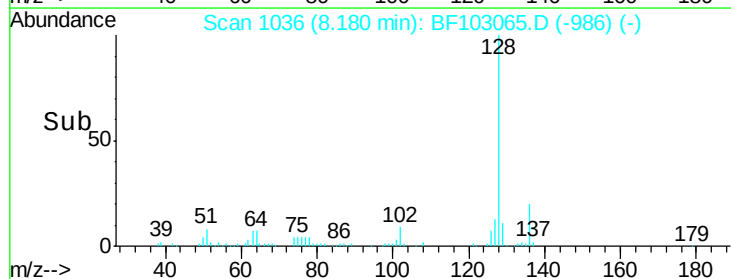
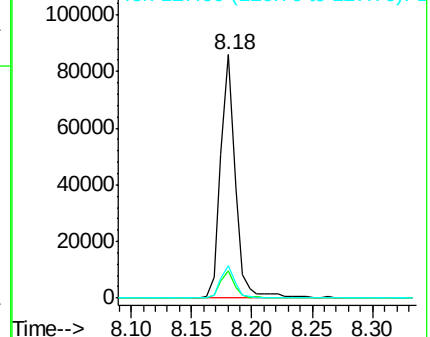
128 100

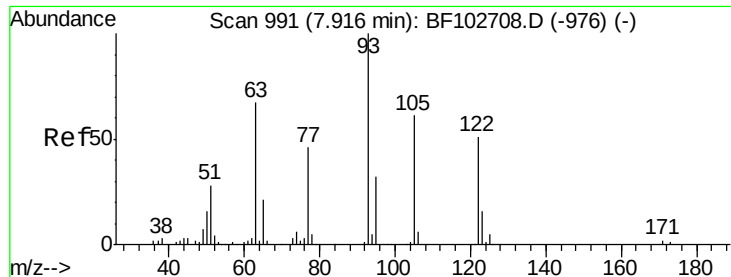
129 11.1 8.8 13.2

127 13.2 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

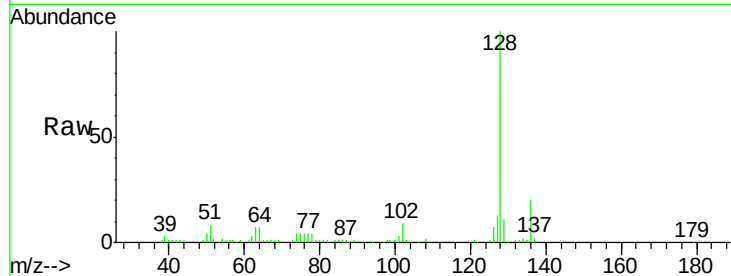




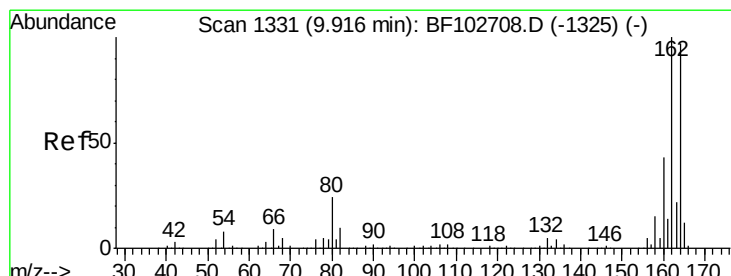
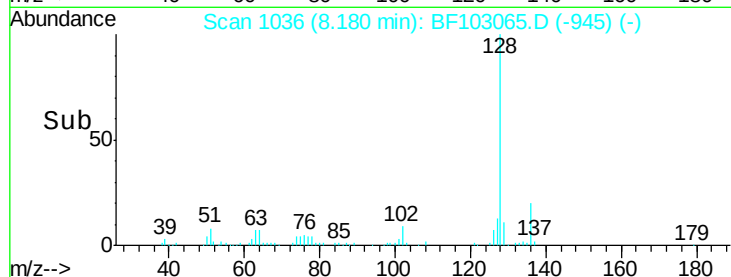
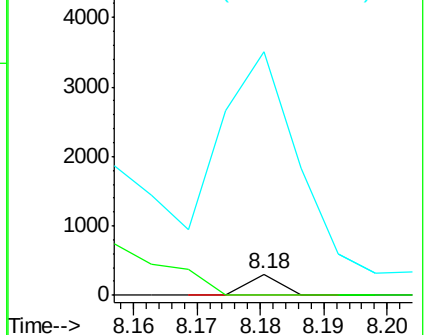
#32
Benzoic acid
Concen: 8.56 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.24 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 1160.6 70.7 110.7#

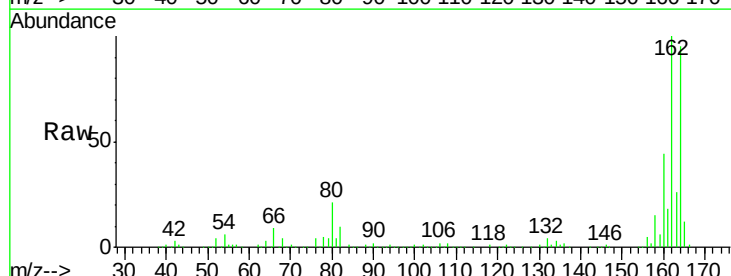


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

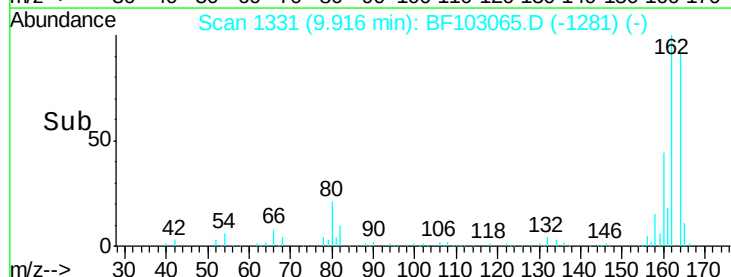
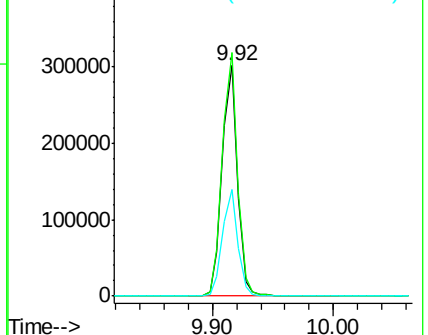


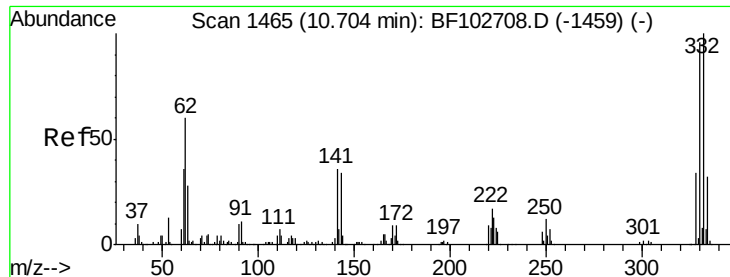
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion:164 Resp: 264420
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 46.3 38.3 57.5



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

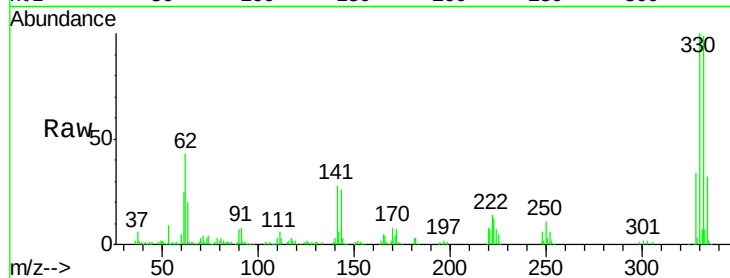




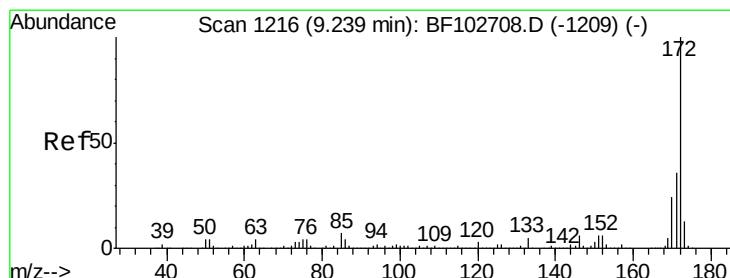
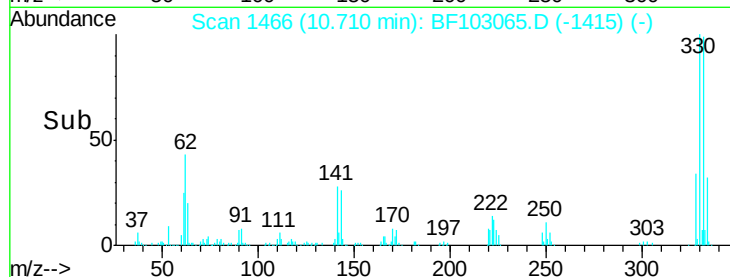
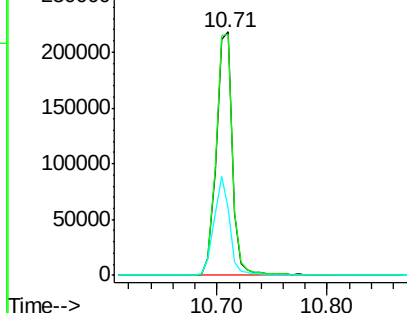
#41
 2,4,6-Tribromophenol
 Concen: 104.08 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.7	77.0	115.6
141	39.0	29.9	44.9

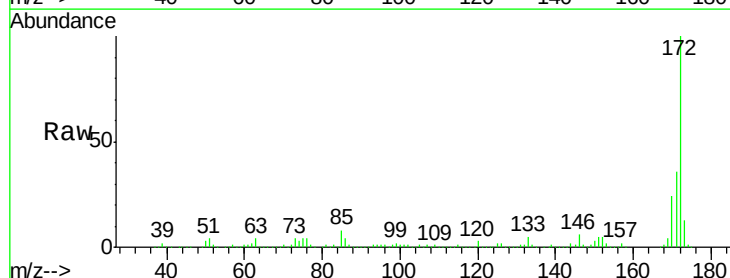


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

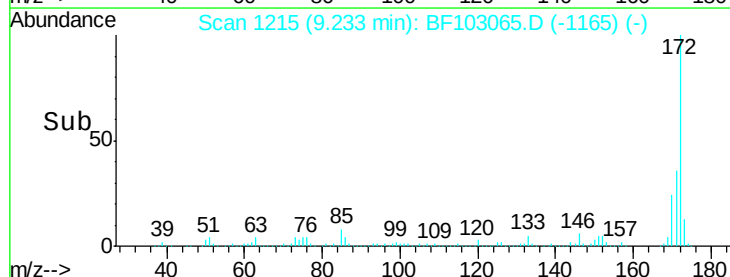
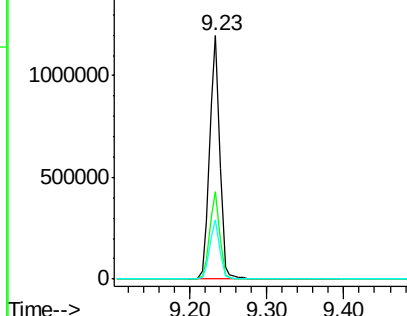


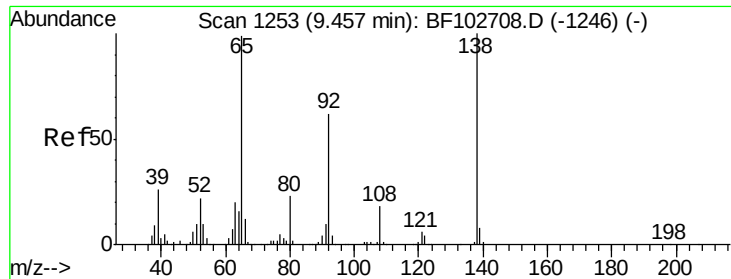
#44
 2-Fluorobiphenyl
 Concen: 68.39 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	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: 3.49 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.13 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

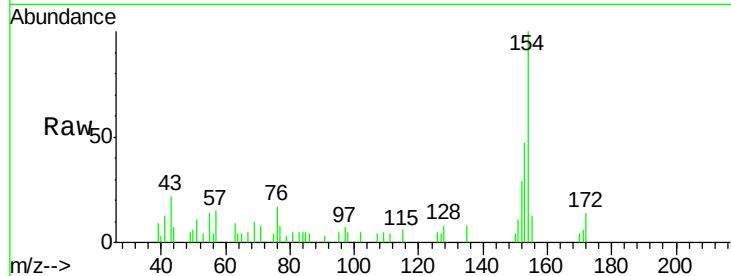
Tot Ion: 65 Resp: 124

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

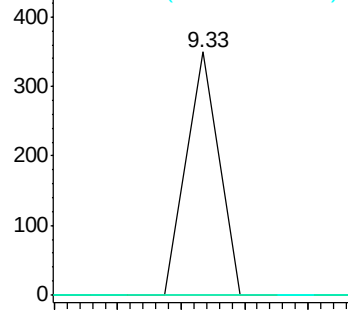
138 0.0 91.2 136.8#



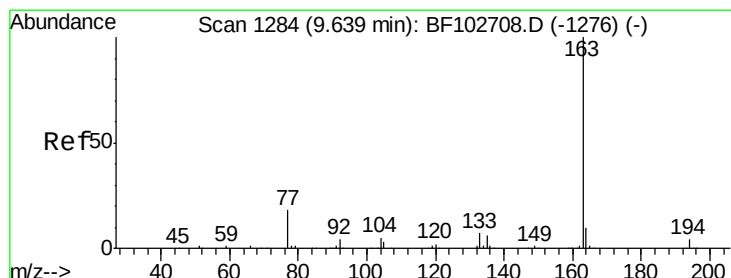
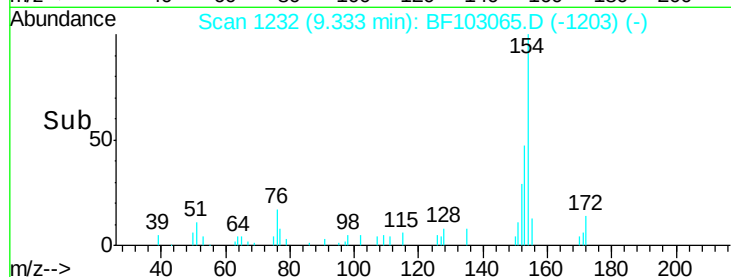
Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



Time--> 9.31 9.32 9.33 9.34 9.35



#49

Dimethylphthalate

Concen: 5.46 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

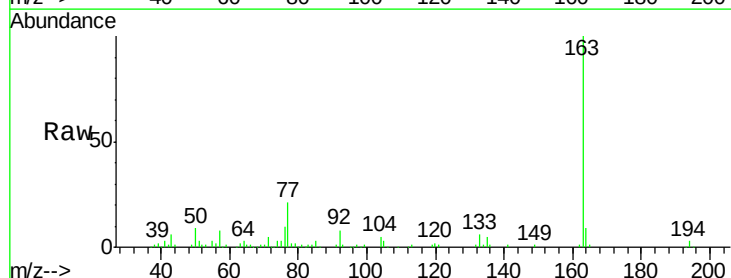
Tgt Ion: 163 Resp: 112621

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

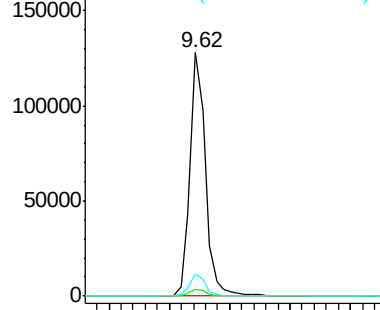
164 9.1 8.2 12.2



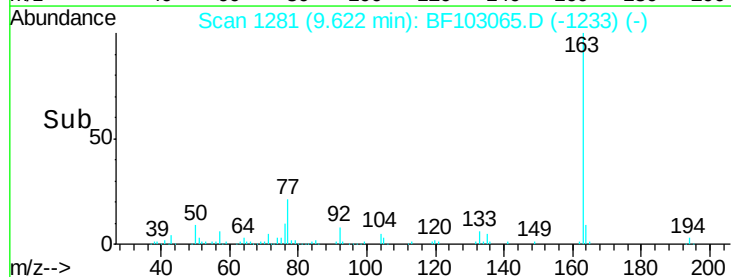
Abundance Ion 163.00 (162.70 to 163.70): E

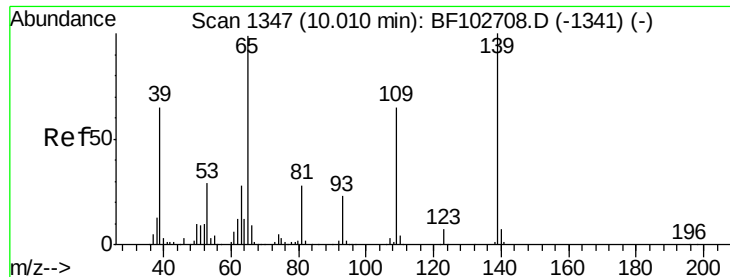
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 9.55 9.60 9.62 9.65 9.70 9.75

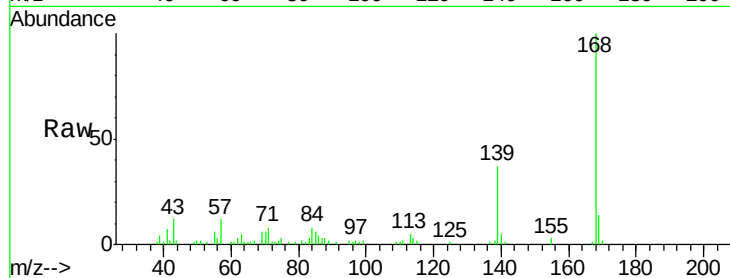




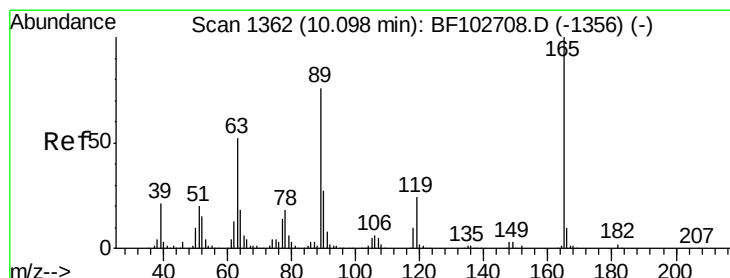
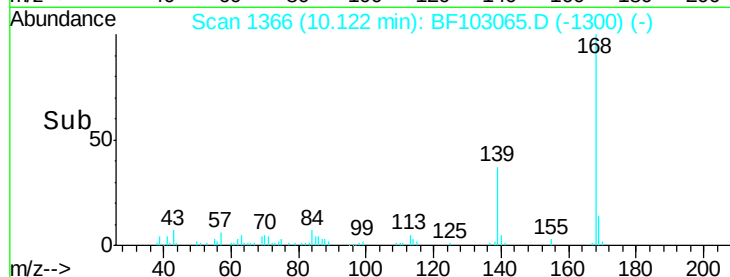
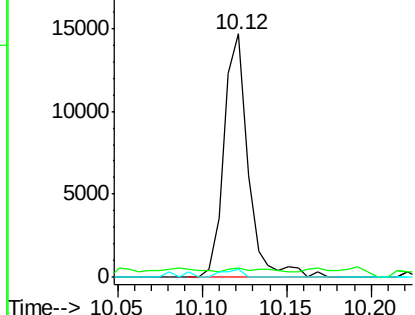
#55
4-Nitrophenol
Concen: 7.51 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	4.0	48.4	88.4#
65	3.2	72.6	112.6#



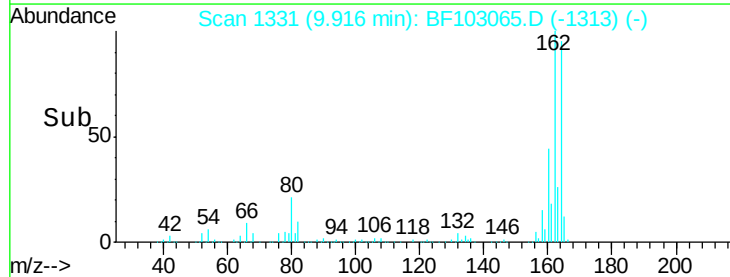
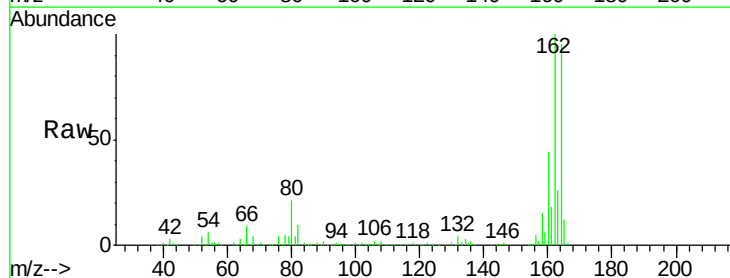
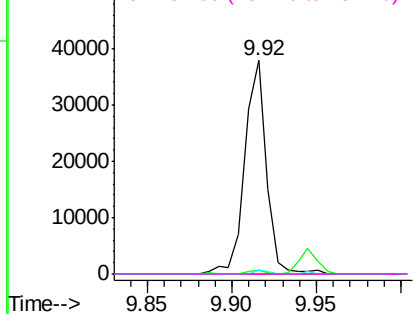
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

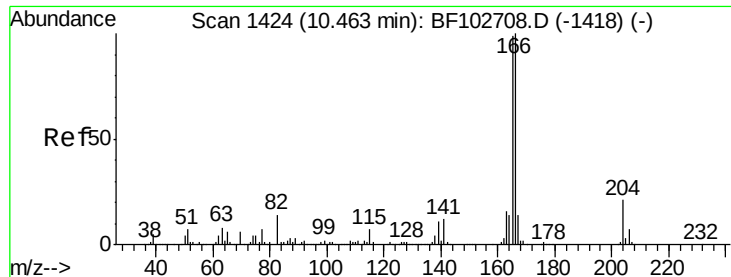


#56
2,4-Dinitrotoluene
Concen: 9.14 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

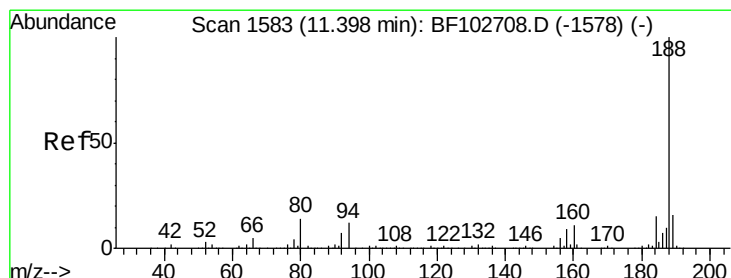
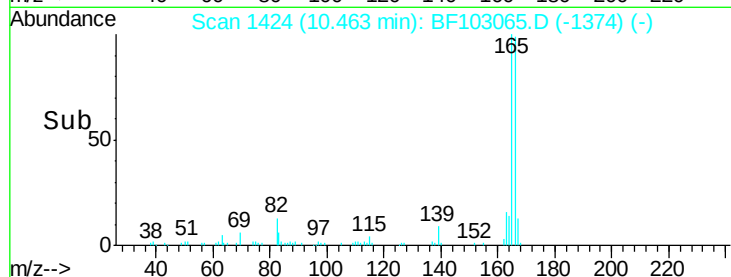
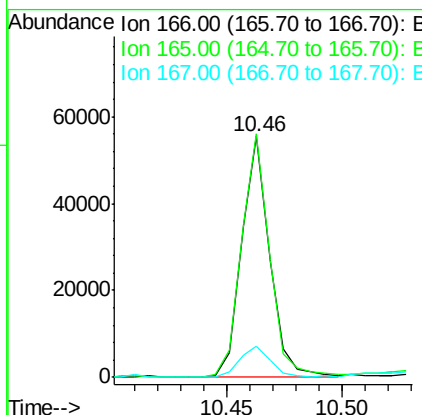
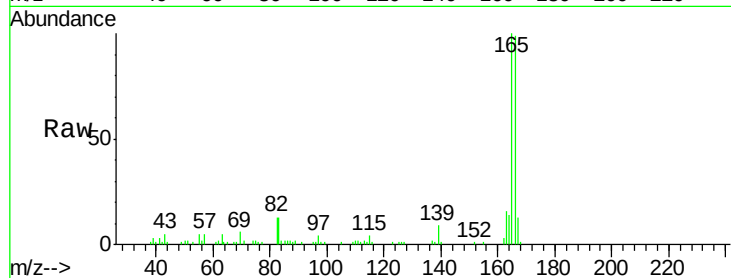




#57
 Fluorene
 Concen: 2.83 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

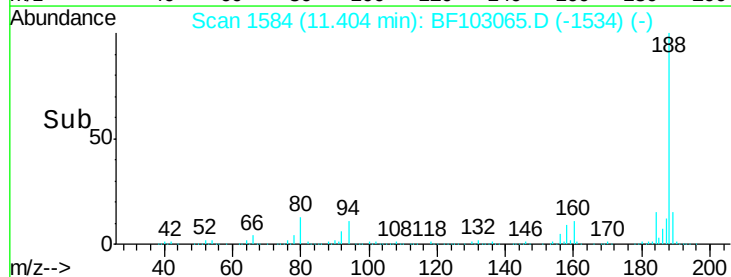
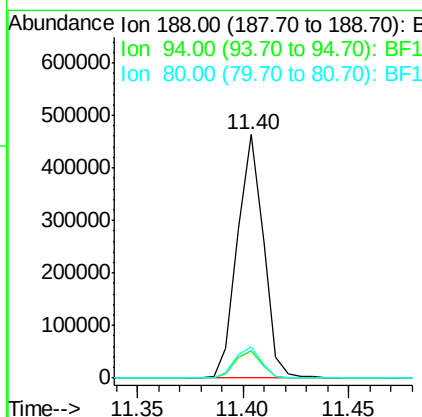
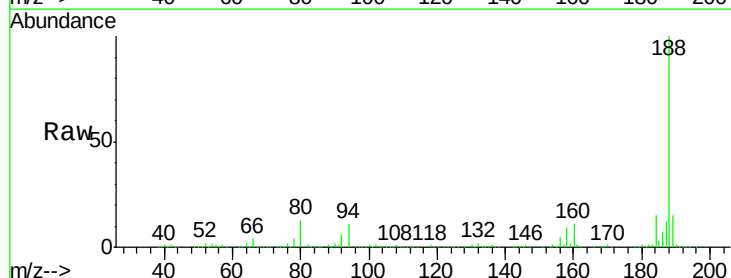
Instrument :
 BNA_F
 ClientSampleId :

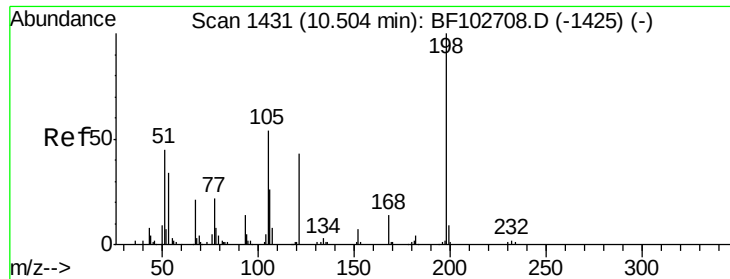
Tot Ion:166 Resp: 47294
 Ion Ratio Lower Upper
 166 100
 165 101.0 79.8 119.8
 167 12.8 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Tgt Ion:188 Resp: 395779
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 12.9 9.2 13.8

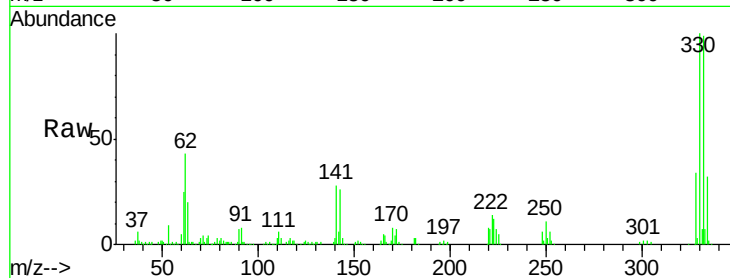




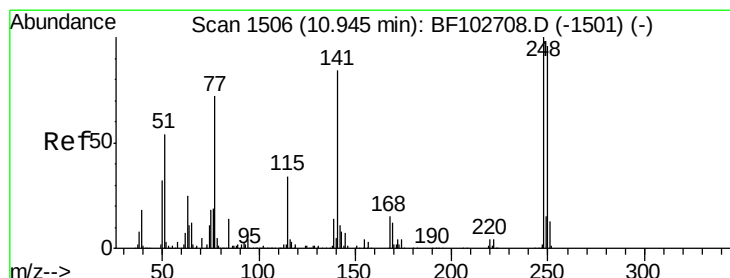
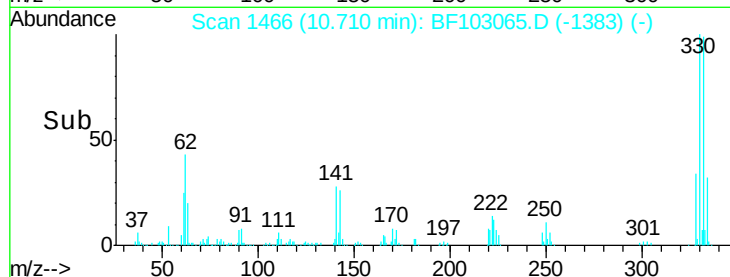
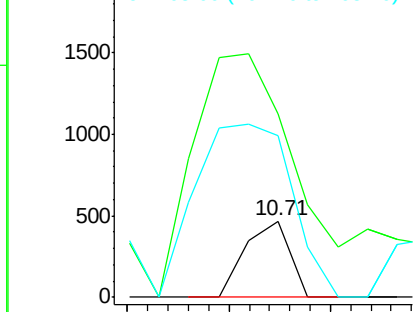
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.95 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 288
 Ion Ratio Lower Upper
 198 100
 51 241.6 37.7 77.7#
 105 213.1 36.3 76.3#

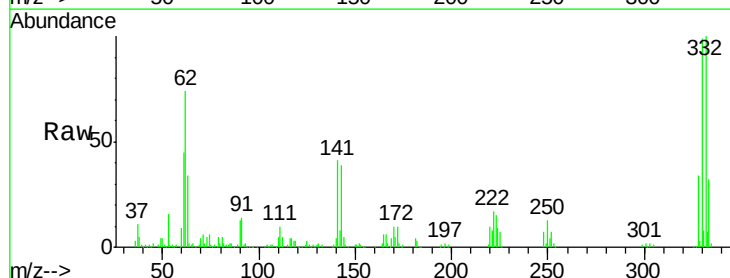


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

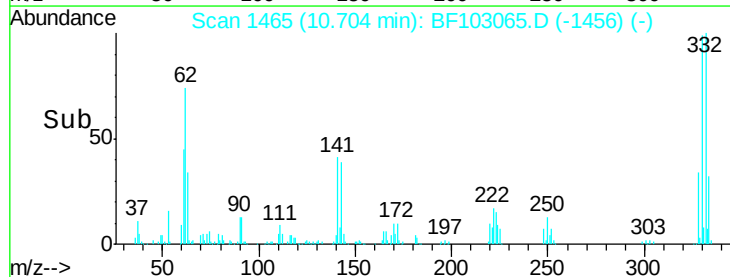
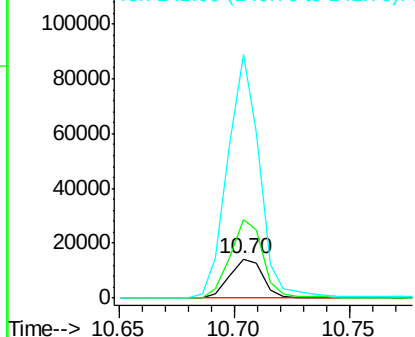


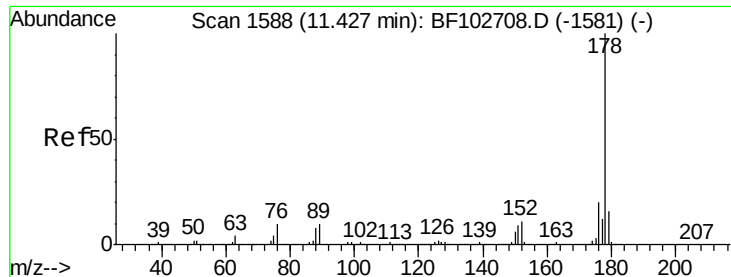
#66
 4-Bromophenyl-phenylether
 Concen: 3.45 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Tgt Ion:248 Resp: 14429
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.9 115.3#
 141 621.0 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: 12.06 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

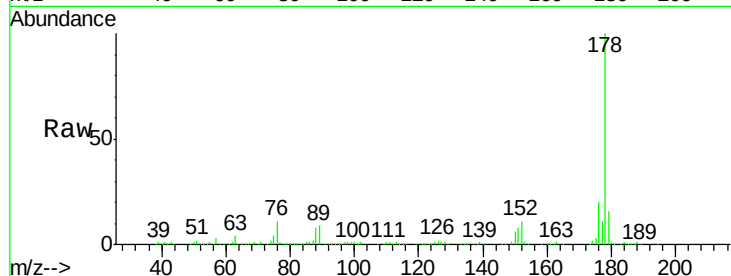
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 265907

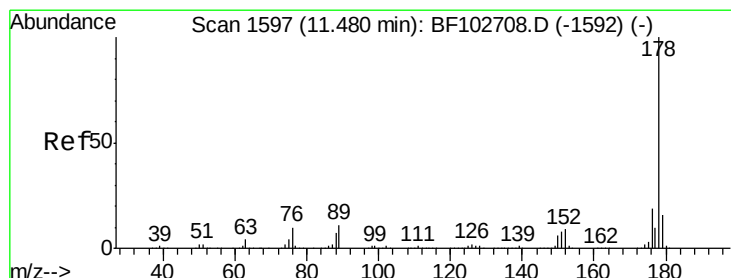
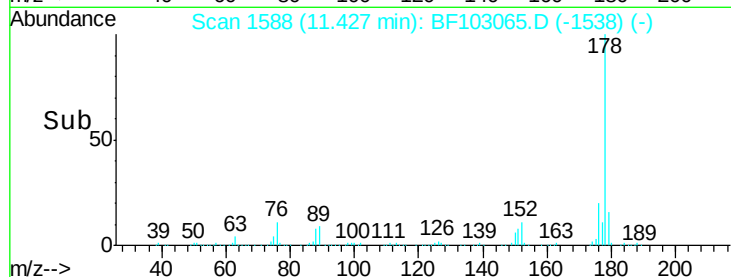
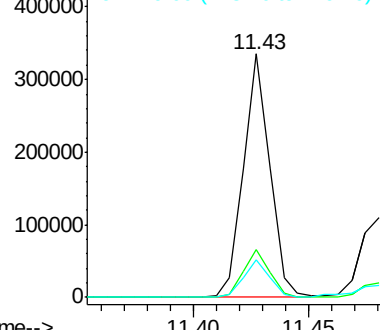
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 4.25 ng

RT: 11.48 min Scan# 1597

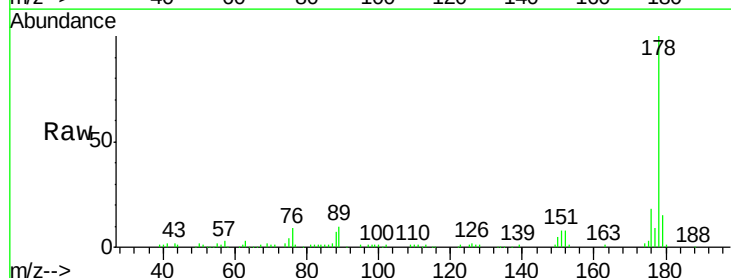
Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Tgt Ion:178 Resp: 95312

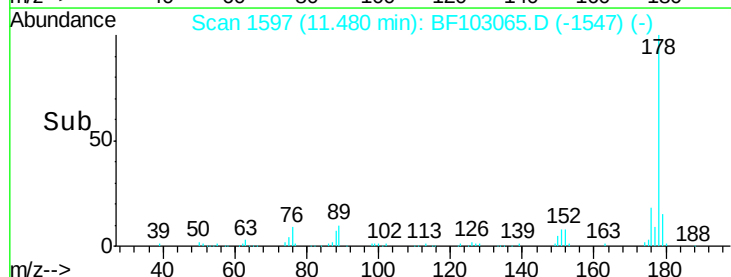
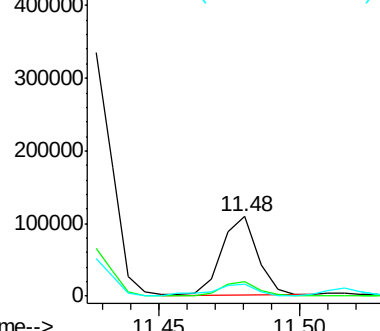
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.3	12.6	19.0

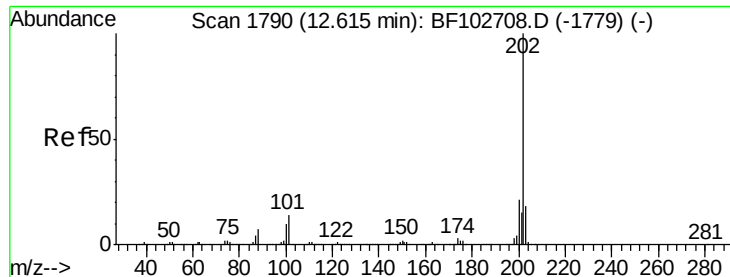


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 12.13 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

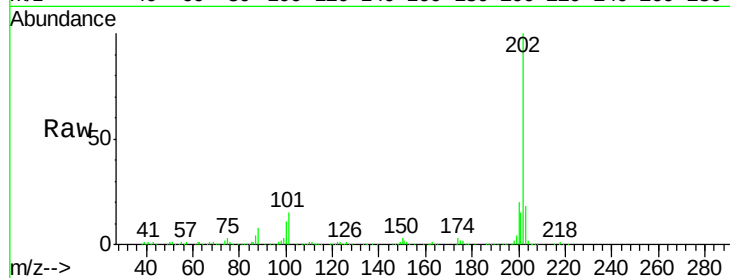
Tot Ion:202 Resp: 269069

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

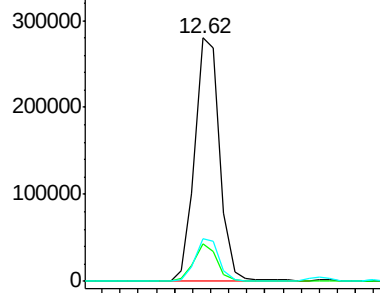
203 17.5 0.0 38.1



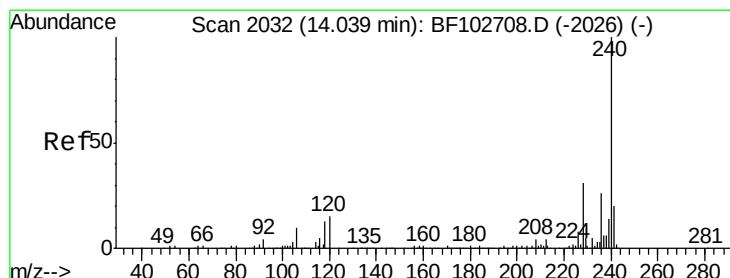
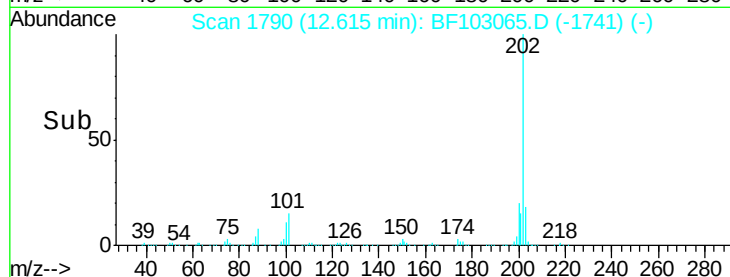
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

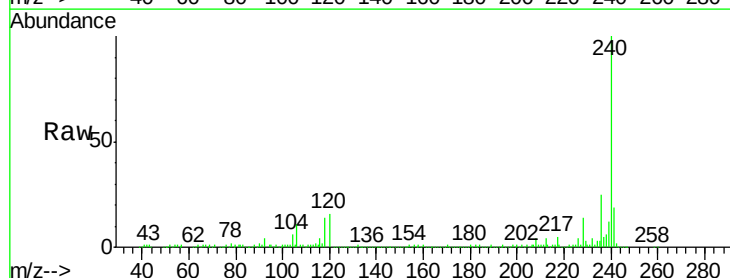
Tgt Ion:240 Resp: 299305

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

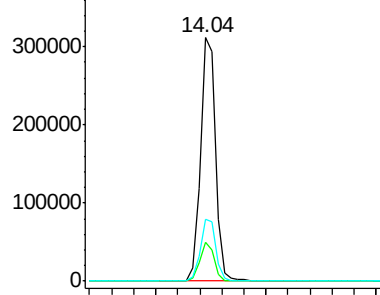
236 25.3 20.7 31.1



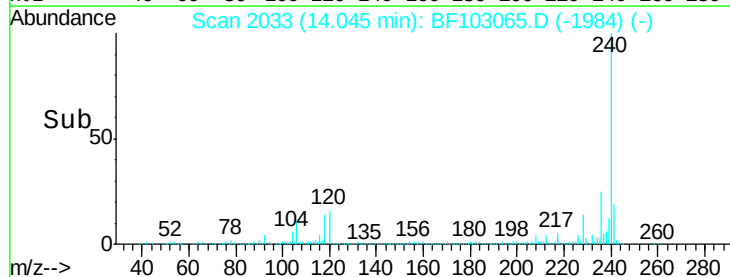
Abundance Ion 240.00 (239.70 to 240.70): E

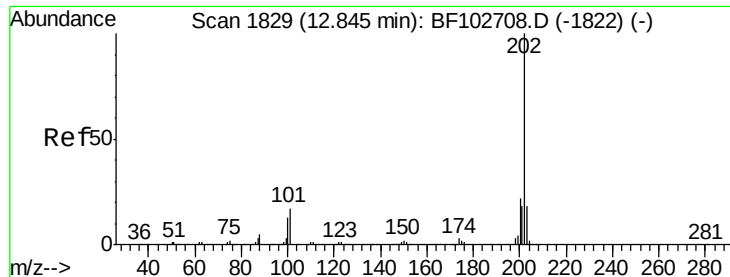
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

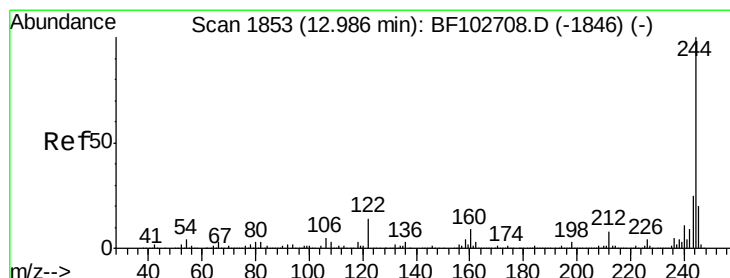
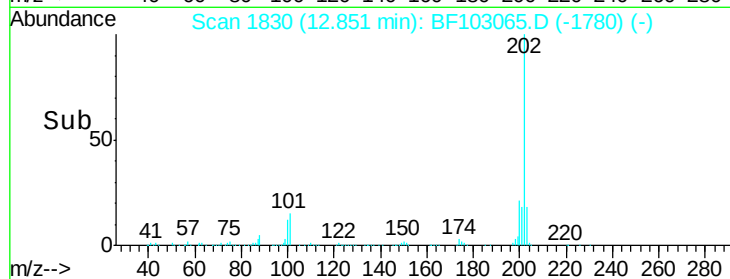
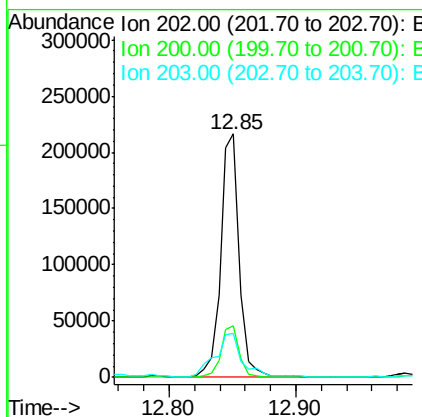
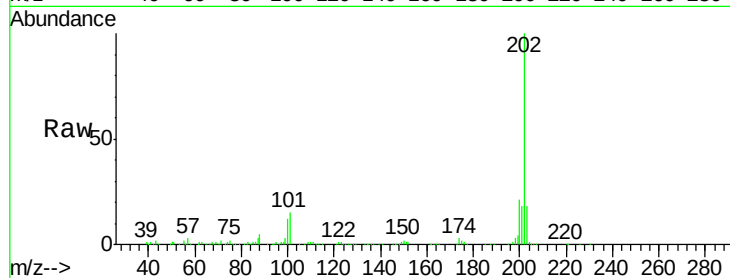




#77
 Pvrene
 Concen: 9.44 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

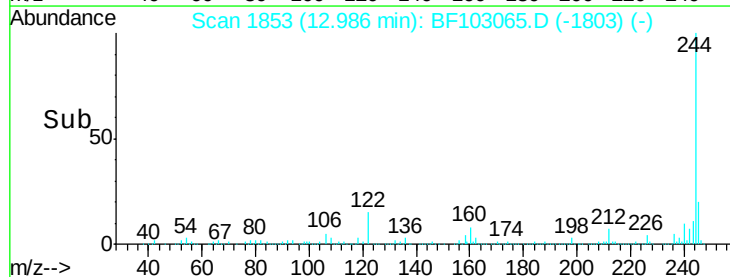
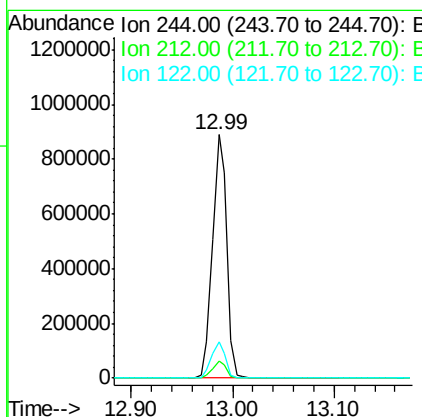
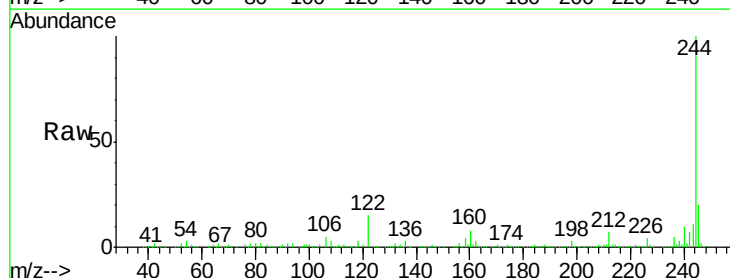
Instrument :
 BNA_F
 ClientSampled :

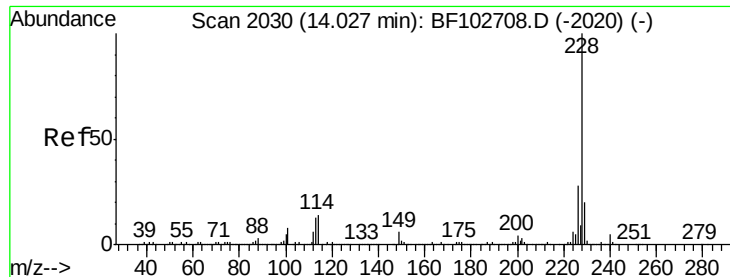
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5



#78
 Terphenyl-d14
 Concen: 68.69 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.9	11.0	16.4





#80

Benzo(a)anthracene

Concen: 5.60 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

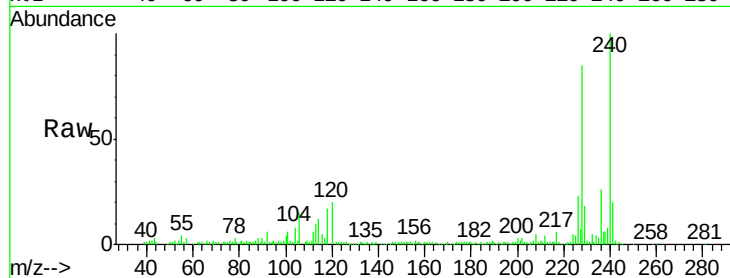
Tot Ion:228 Resp: 105379

Ion Ratio Lower Upper

228 100

226 26.7 22.6 33.8

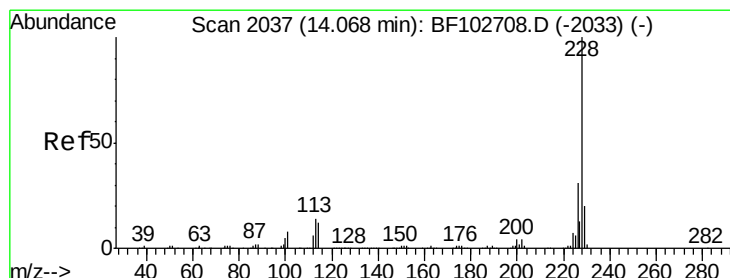
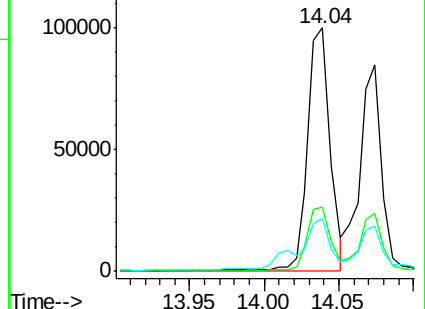
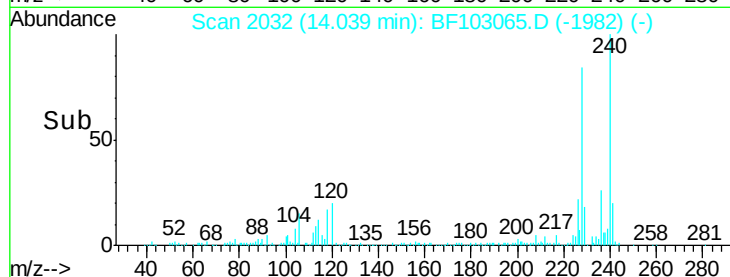
229 21.8 15.8 23.6



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: 4.56 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

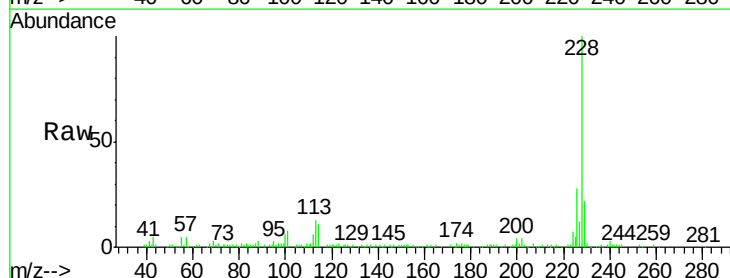
Tgt Ion:228 Resp: 86607

Ion Ratio Lower Upper

228 100

226 28.1 25.0 37.6

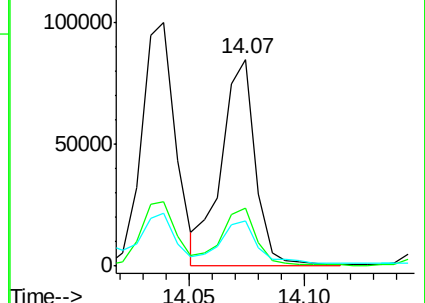
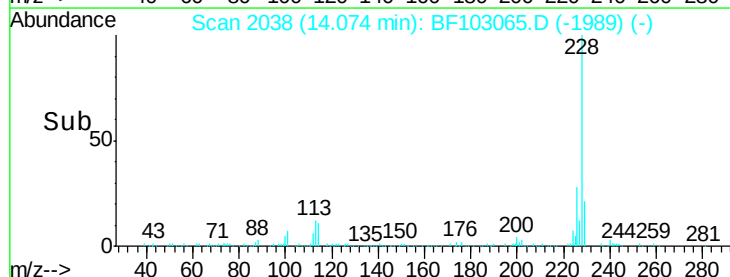
229 21.7 16.2 24.4

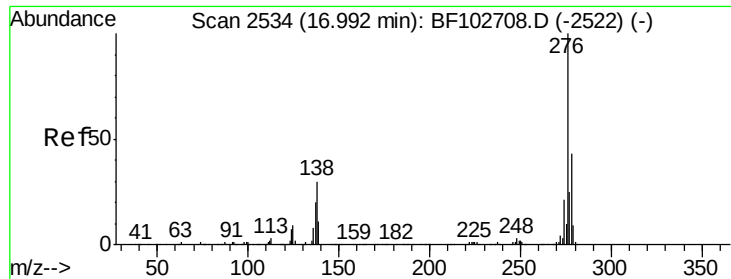


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

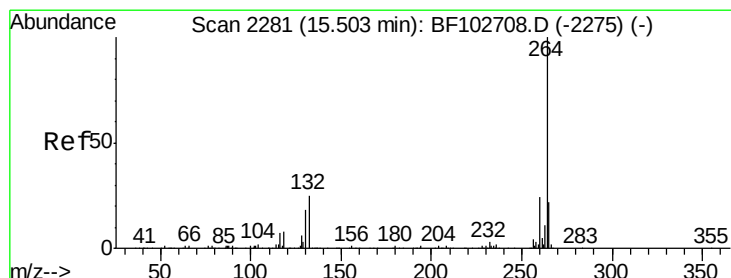
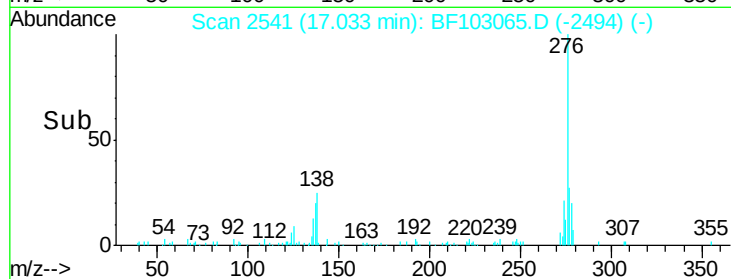
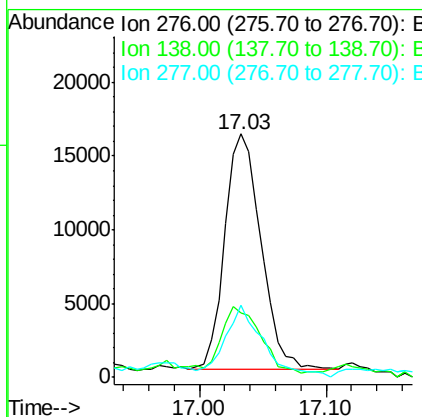
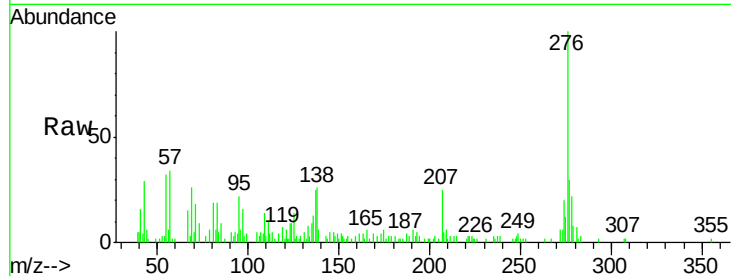




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.02 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.02 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

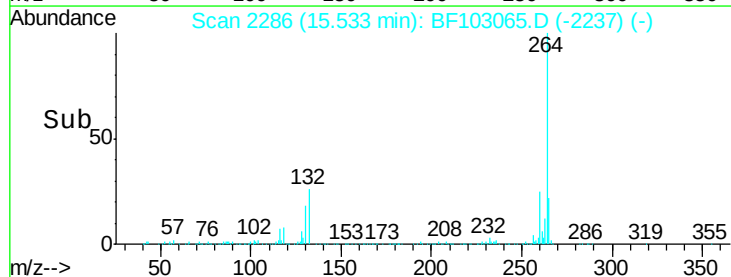
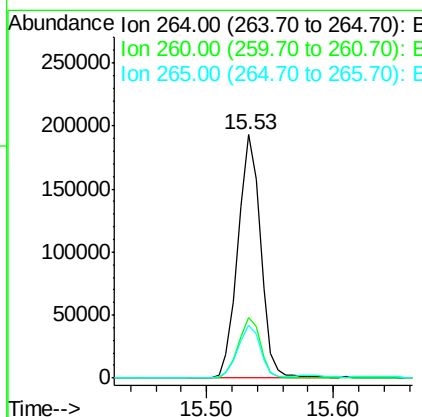
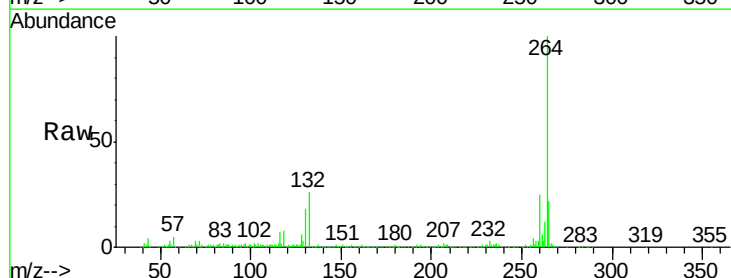
Instrument :
 BNA_F
 ClientSampleId :

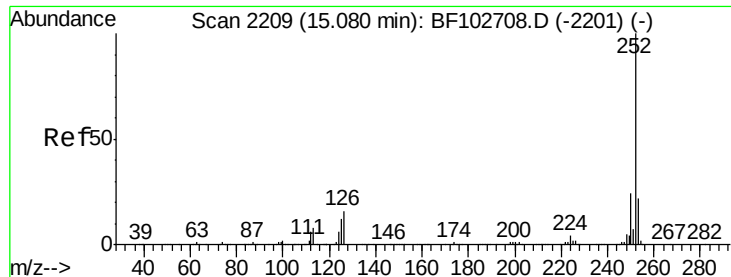
Tot Ion:276 Resp: 31794
 Ion Ratio Lower Upper
 276 100
 138 31.4 25.0 37.6
 277 32.6 20.1 30.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Tgt Ion:264 Resp: 239160
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.5 17.5 26.3

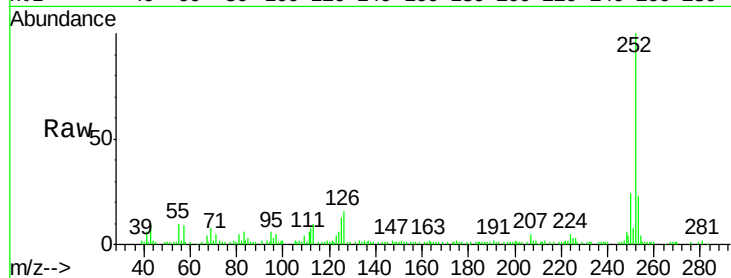




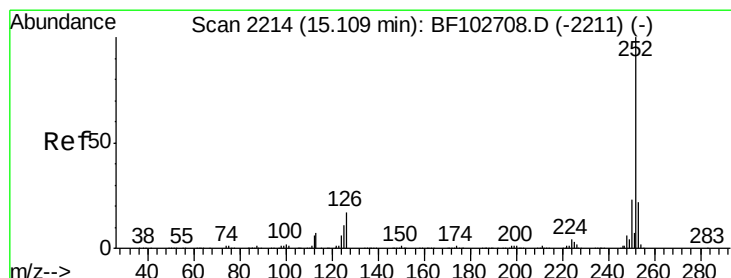
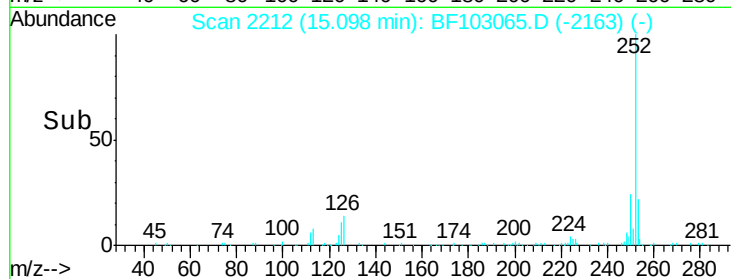
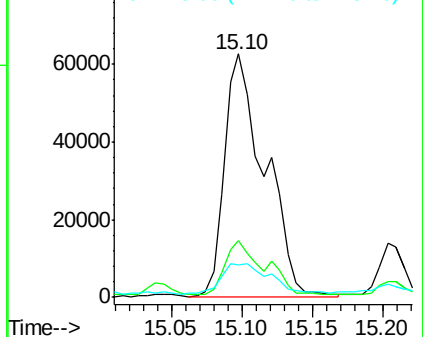
#87
Benzo(b)fluoranthene
Concen: 8.10 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	13.3	9.0	13.6

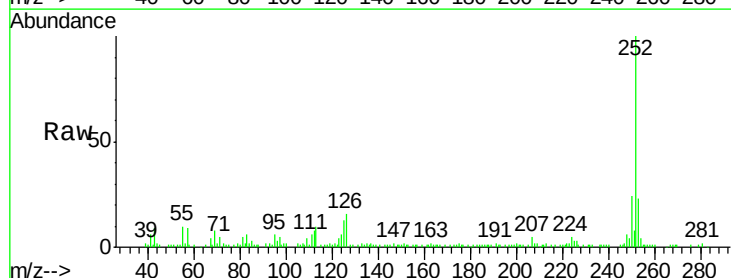


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

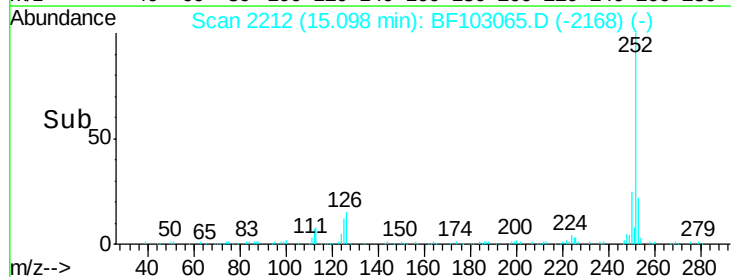
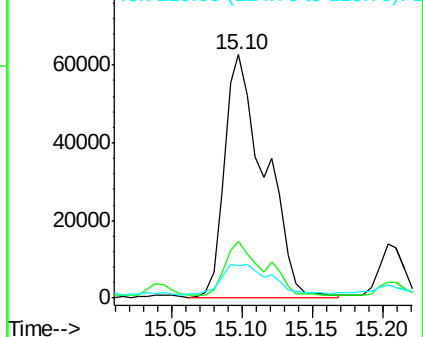


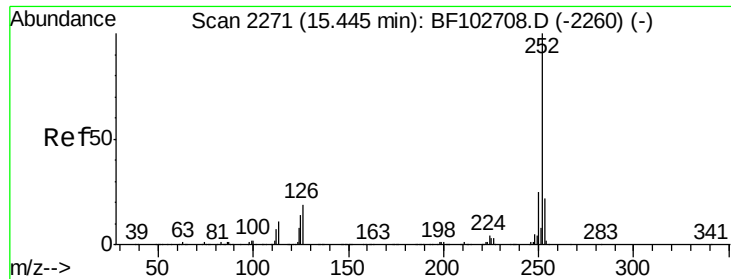
#88
Benzo(k)fluoranthene
Concen: 8.48 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	13.3	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

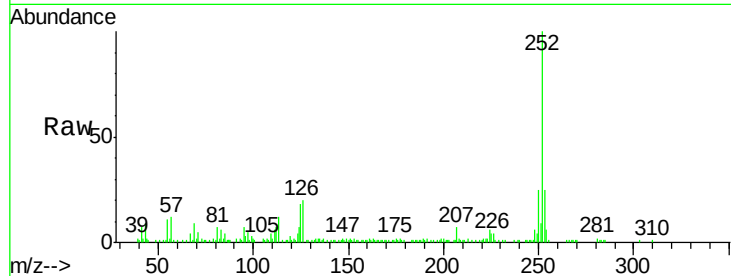




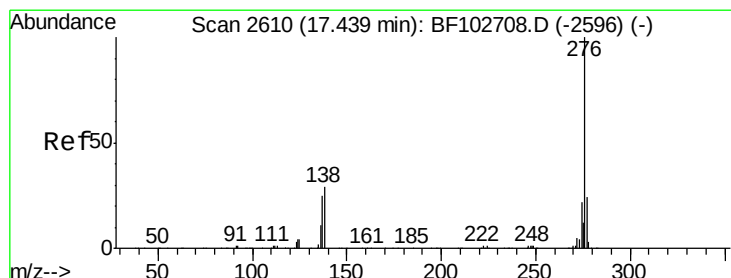
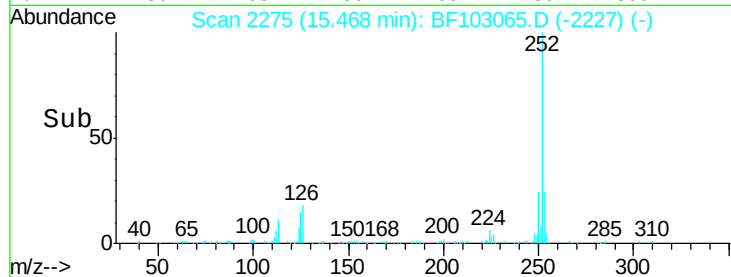
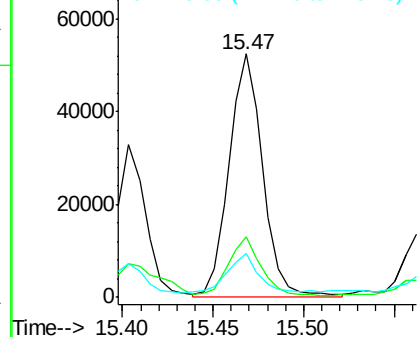
#89
Benzo(a)pyrene
Concen: 4.87 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 68005
Ion Ratio Lower Upper
252 100
253 24.8 17.1 25.7
125 18.0 9.8 14.6#

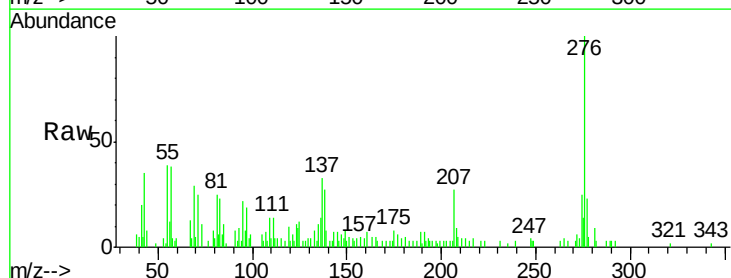


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.82 ng
RT: 17.49 min Scan# 2619
Delta R.T. -0.03 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion:276 Resp: 31253
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 26.6 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

