

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103427.D
 Acq On : 5 Mar 2018 23:35
 Operator : SJ/JU
 Sample : J1723-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 01:10:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126709	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	506023	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	201386	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	296763	20.00	ng	0.00
75) Chrysene-d12	14.07	240	176899	20.00	ng	0.00
86) Perylene-d12	15.59	264	131745	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	827122	98.73	ng	0.00
7) Phenol-d6	6.52	99	993578	96.92	ng	0.00
23) Nitrobenzene-d5	7.44	82	586868	66.23	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	119154	69.90	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	802046	64.76	ng	0.00
78) Terphenyl-d14	13.00	244	548528	74.54	ng	0.00

Target Compounds

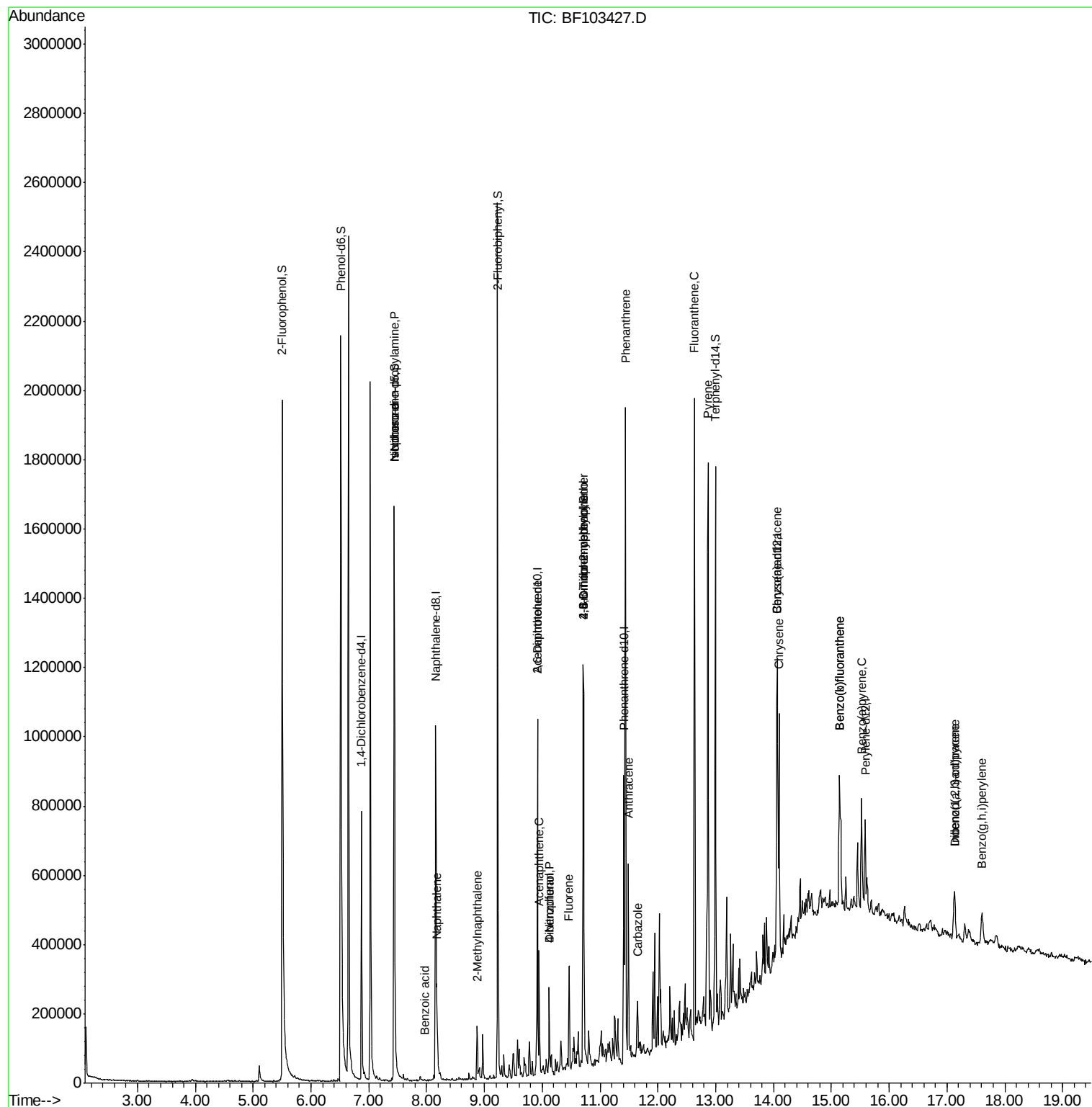
						Qvalue
9) Benzaldehyde	6.47	77	905	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	80573	12.629 ng	#	85
25) Isophorone	7.44	82	586868	33.629 ng	#	64
31) Naphthalene	8.18	128	111582	4.504 ng		99
32) Benzoic acid	7.97	122	329	6.968 ng	#	1
37) 2-Methylnaphthalene	8.87	142	50077	3.128 ng		96
50) 2,6-Dinitrotoluene	9.92	165	28298	8.347 ng	#	27
51) Acenaphthene	9.95	154	75937	6.340 ng		98
54) Dibenzofuran	10.12	168	90352	5.495 ng		96
55) 4-Nitrophenol	10.12	139	37527	14.077 ng	#	11
57) Fluorene	10.47	166	93173	6.652 ng		98
64) 4,6-Dinitro-2-methylphenol	10.71	198	196	5.043 ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	8451	2.734 ng	#	1
70) Phenanthrene	11.44	178	677789	41.501 ng		99
71) Anthracene	11.49	178	221651	13.235 ng		99
72) Carbazole	11.65	167	65763	3.943 ng		98
74) Fluoranthene	12.63	202	760497	46.339 ng		99
77) Pyrene	12.87	202	695218	50.407 ng		100
80) Benzo(a)anthracene	14.06	228	300696	26.198 ng		99
82) Chrysene	14.10	228	266538	23.916 ng		98
85) Indeno(1,2,3-cd)pyrene	17.13	276	83405	9.453 ng		99
87) Benzo(b)fluoranthene	15.14	252	320478	36.998 ng	#	93
88) Benzo(k)fluoranthene	15.14	252	320478	39.290 ng	#	96
89) Benzo(a)pyrene	15.52	252	165525	21.399 ng	#	92
90) Dibenzo(a,h)anthracene	17.13	278	24422	4.086 ng	#	78
91) Benzo(g,h,i)perylene	17.60	276	77665	13.295 ng	#	89

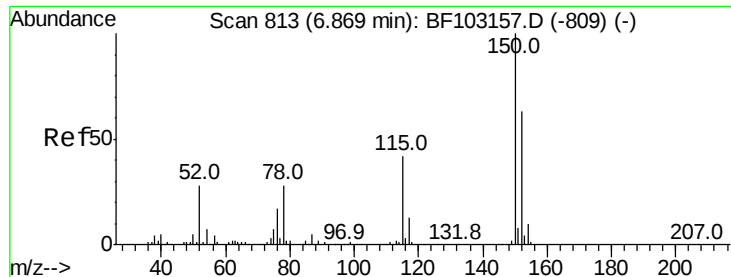
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
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ALS Vial : 15 Sample Multiplier: 1

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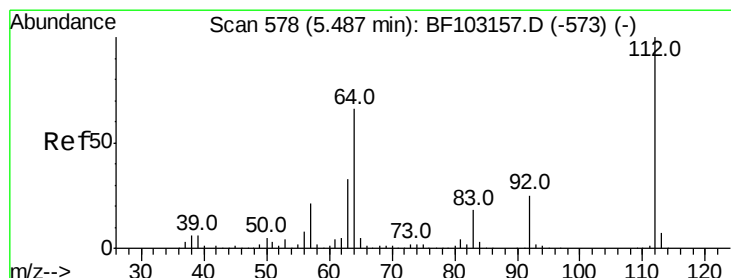
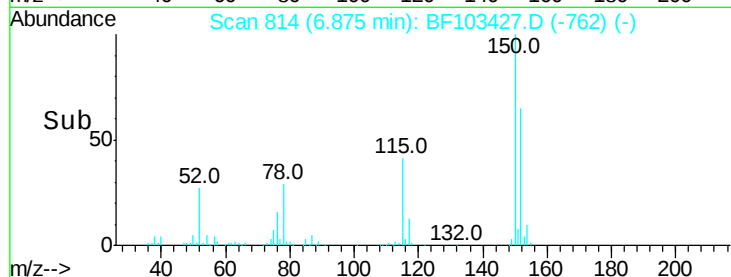
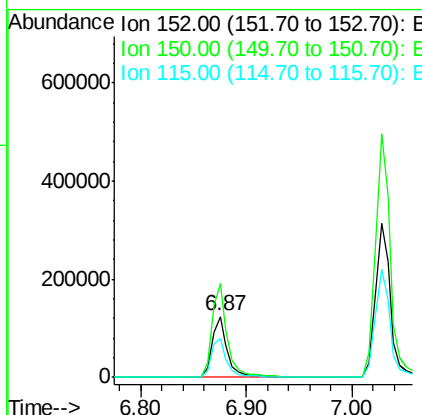
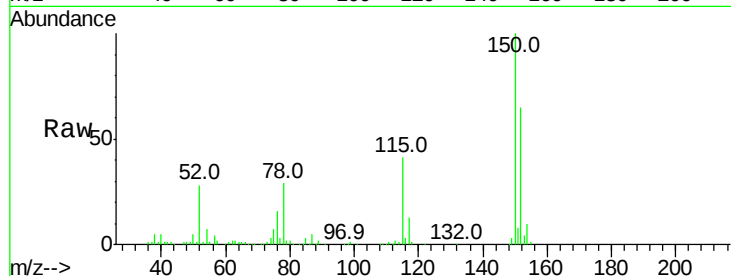


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

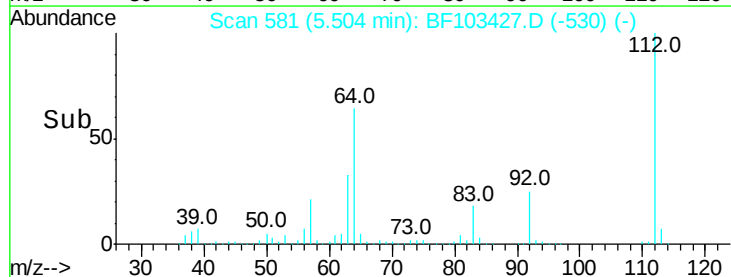
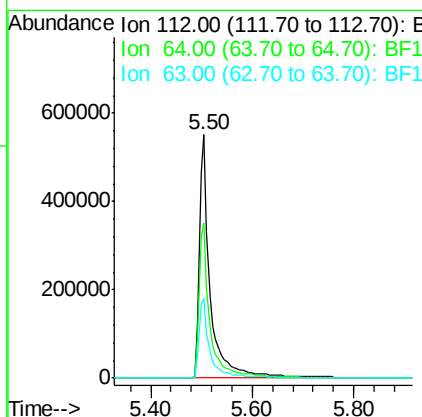
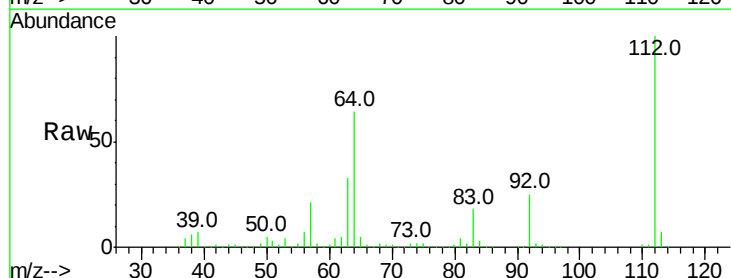
Tot Ion:152 Resp: 126709
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 63.0 50.1 75.1

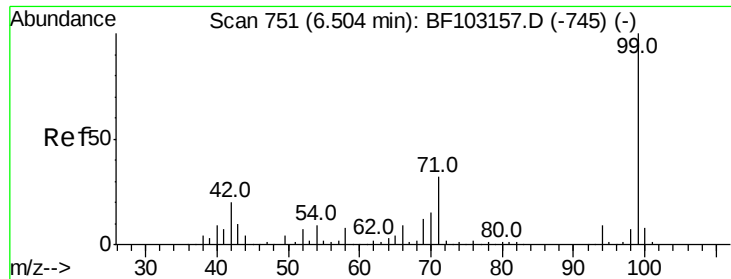


#5

2-Fluorophenol
Concen: 98.727 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:112 Resp: 827122
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 32.9 23.7 35.5





#7

Phenol-d6

Concen: 96.920 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

Instrument :

BNA_F

ClientSampleId :

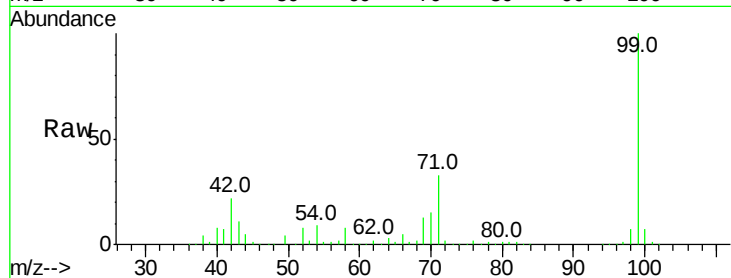
Tot Ion: 99 Resp: 993578

Ion Ratio Lower Upper

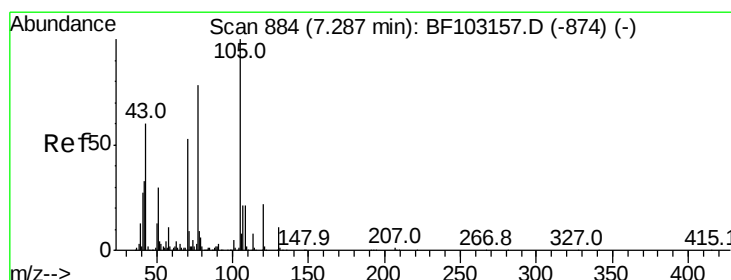
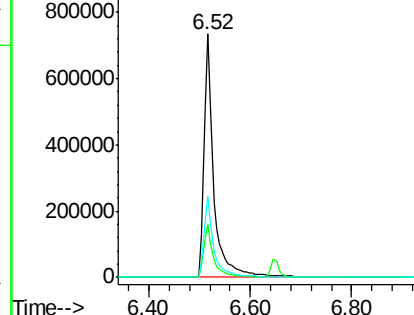
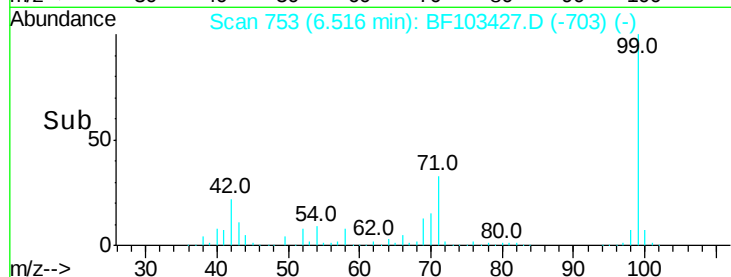
99 100

42 21.7 14.5 21.7

71 33.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.629 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.16 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

Tgt Ion: 70 Resp: 80573

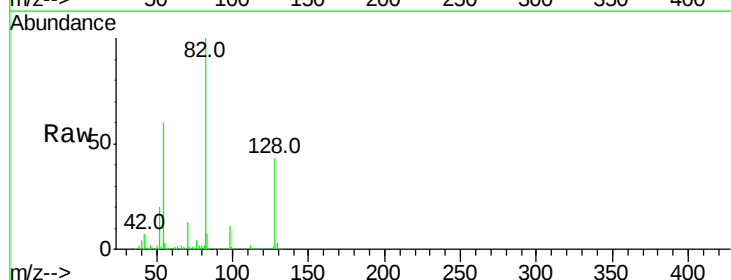
Ion Ratio Lower Upper

70 100

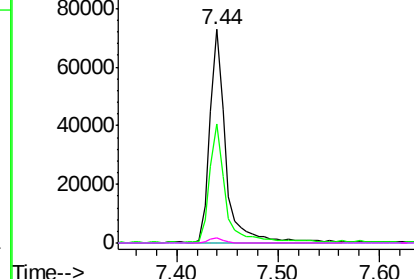
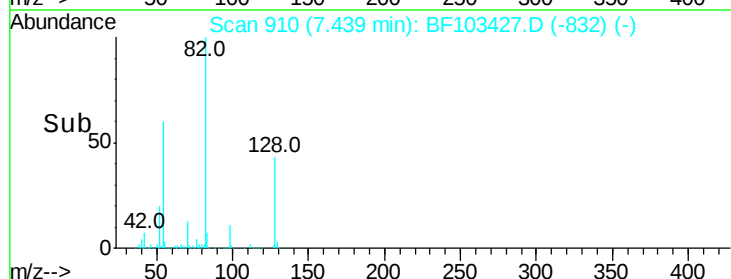
42 56.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 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

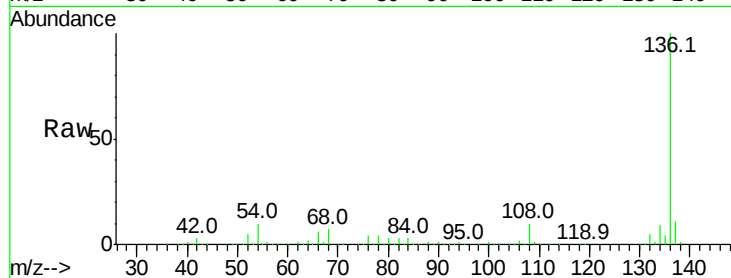




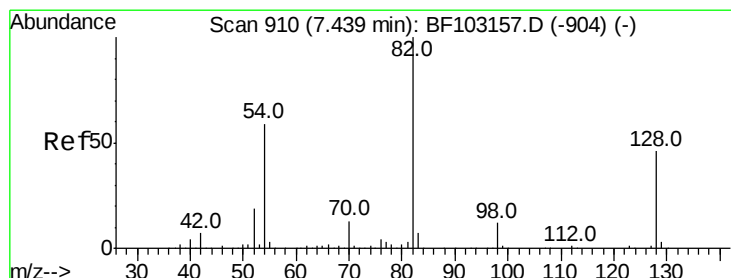
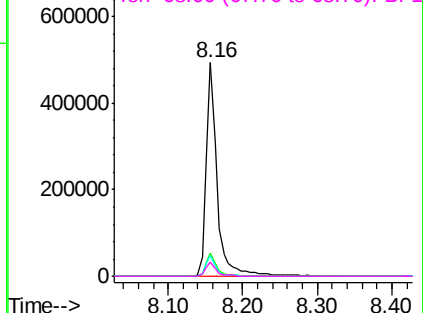
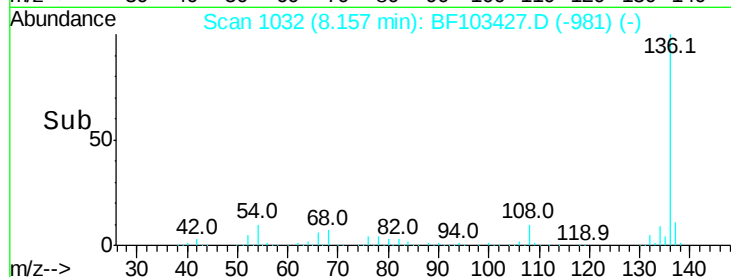
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	506023	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 9.6	6.6	9.8	
68 6.7	5.0	7.4	

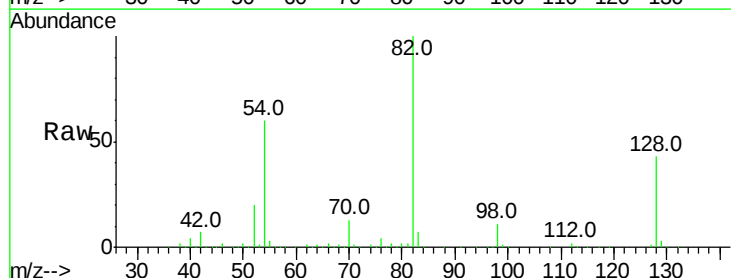


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

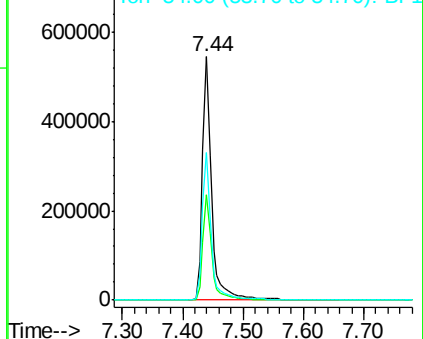
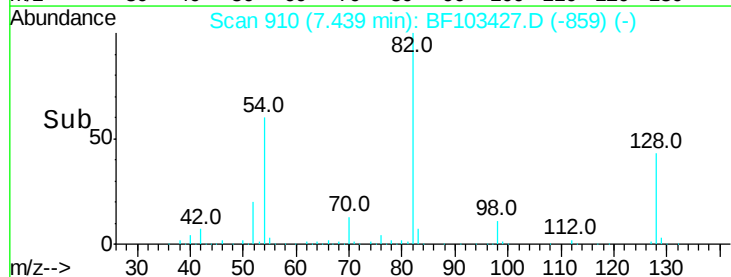


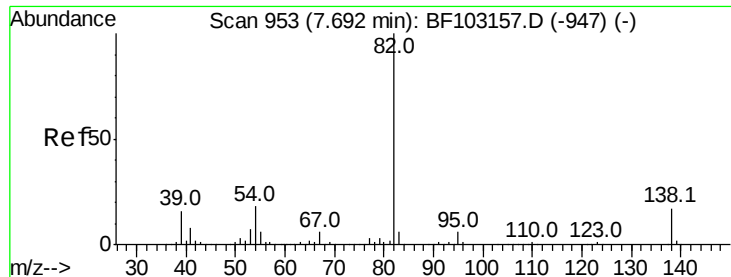
#23
Nitrobenzene-d5
Concen: 66.232 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt	Ion: 82	Resp:	586868
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	60.4	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: 33.629 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

Instrument :

BNA_F

ClientSampleId :

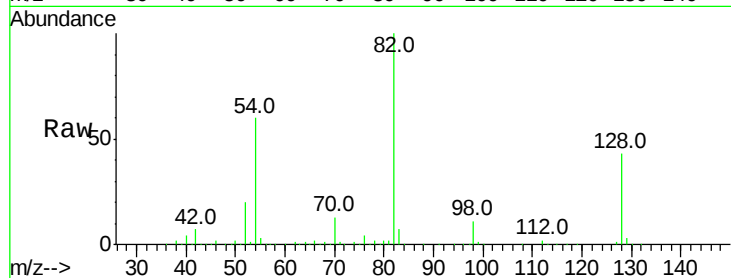
Tot Ion: 82 Resp: 586868

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

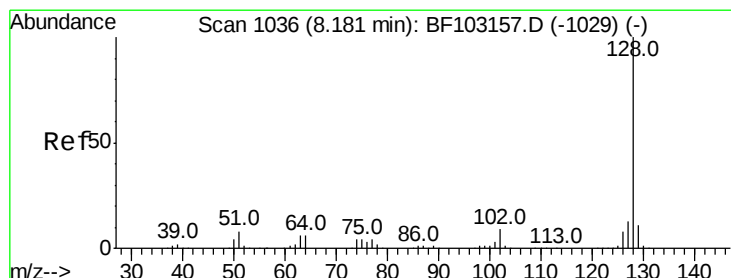
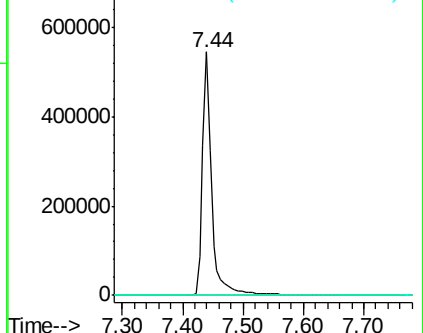
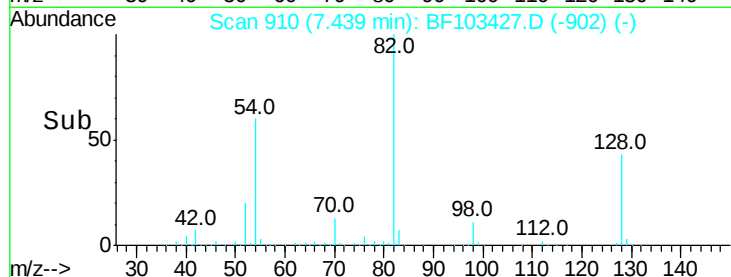
138 0.0 14.9 22.3#



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: 4.504 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

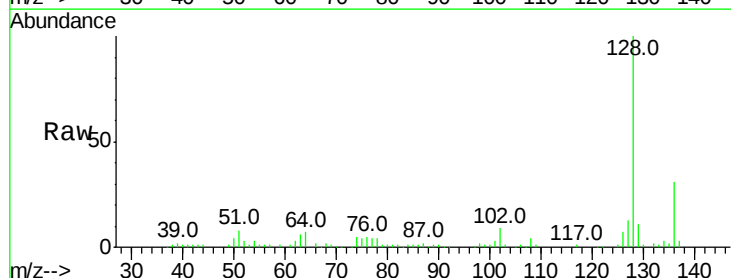
Tgt Ion:128 Resp: 111582

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

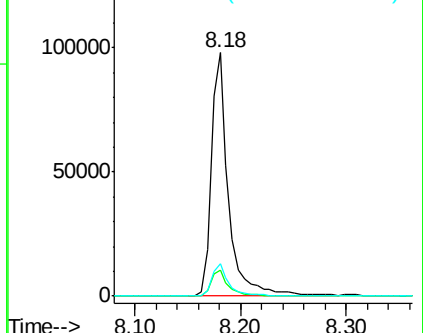
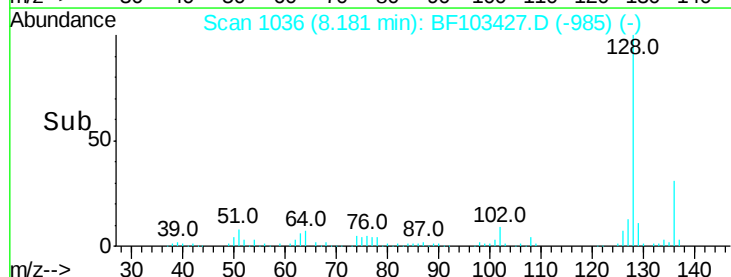
127 13.1 10.9 16.3

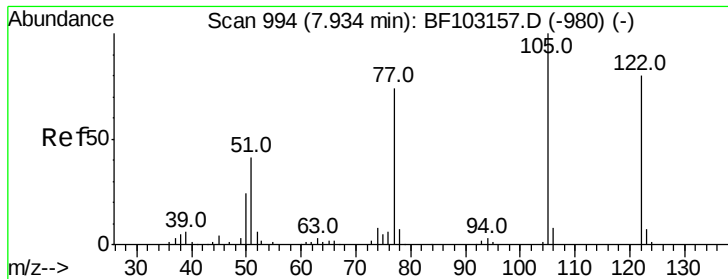


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

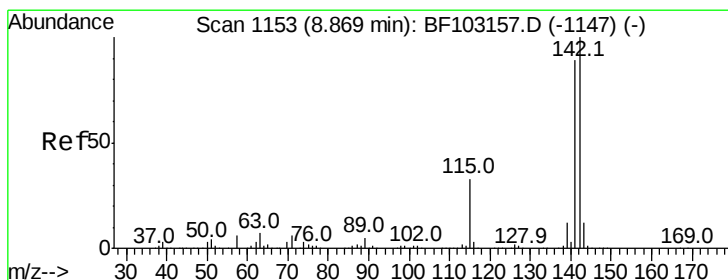
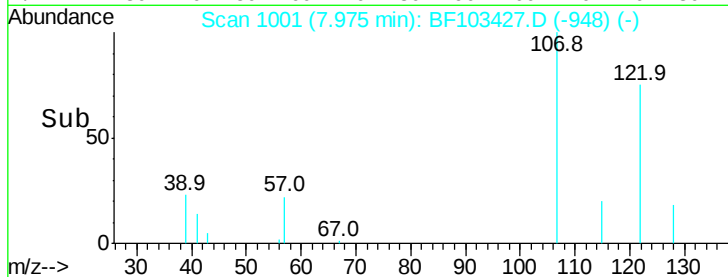
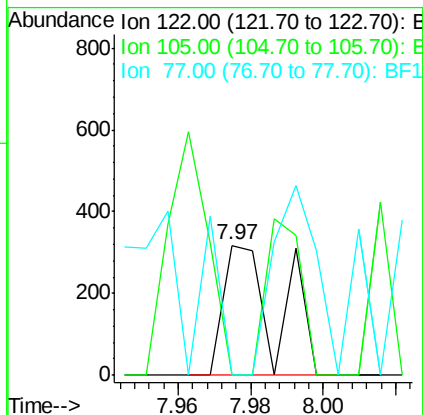
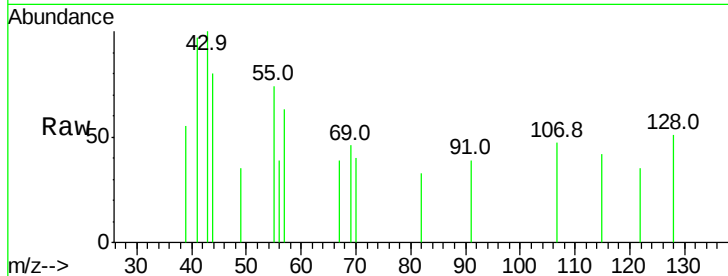




#32
Benzoic acid
Concen: 6.968 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

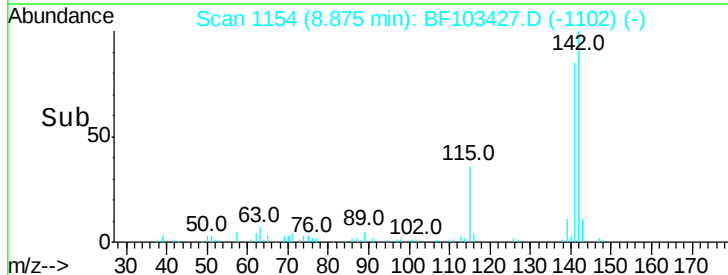
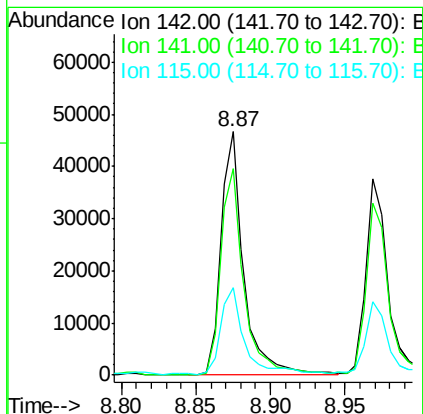
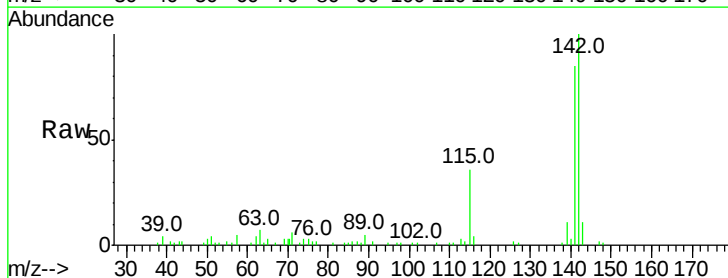
Instrument :
BNA_F
ClientSampleId :

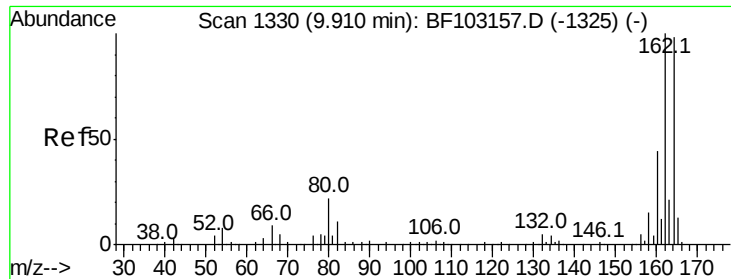
Tot Ion:122 Resp: 329
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#



#37
2-Methylnaphthalene
Concen: 3.128 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:142 Resp: 50077
Ion Ratio Lower Upper
142 100
141 85.0 70.8 106.2
115 35.9 26.1 39.1

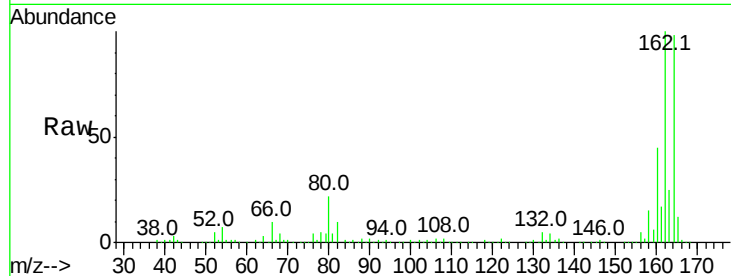




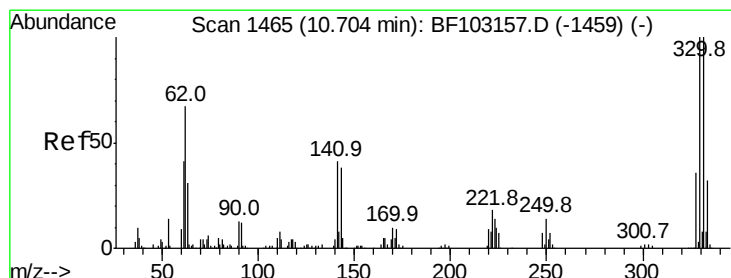
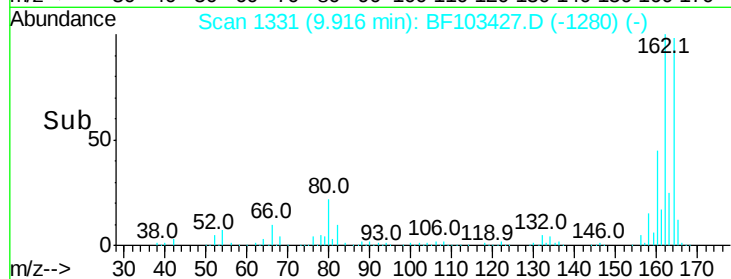
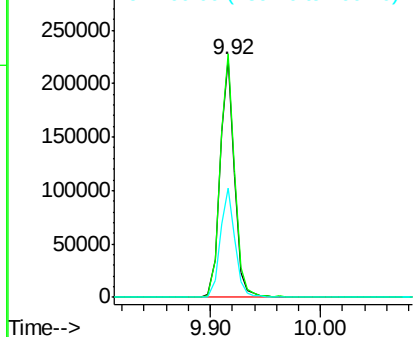
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103427.D
 Acq: 5 Mar 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 201386
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 45.8 38.3 57.5

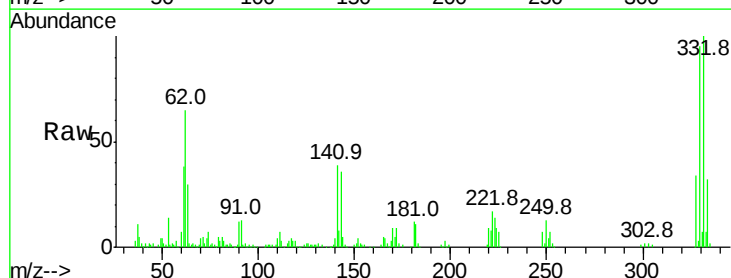


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

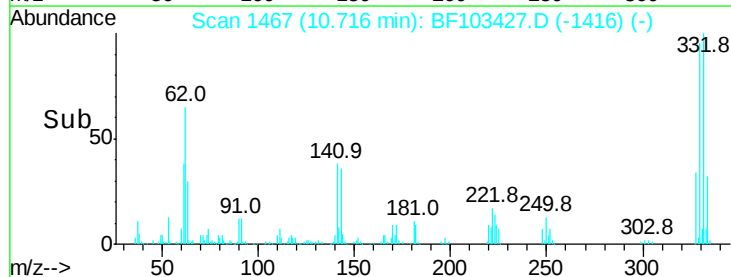
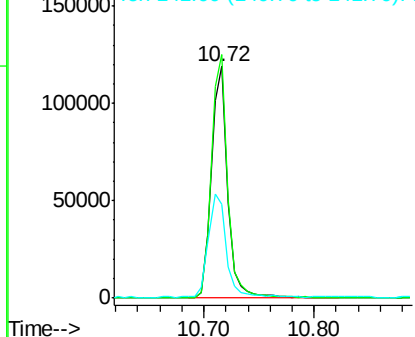


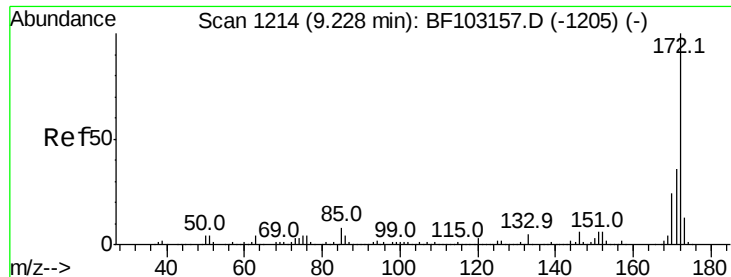
#41
 2,4,6-Tribromophenol
 Concen: 69.901 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103427.D
 Acq: 5 Mar 2018 23:35

Tgt Ion:330 Resp: 119154
 Ion Ratio Lower Upper
 330 100
 332 104.3 77.0 115.6
 141 48.8 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

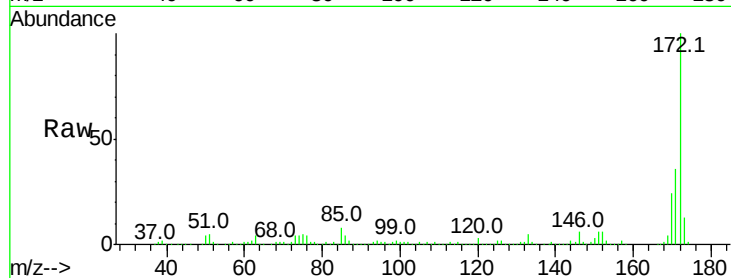




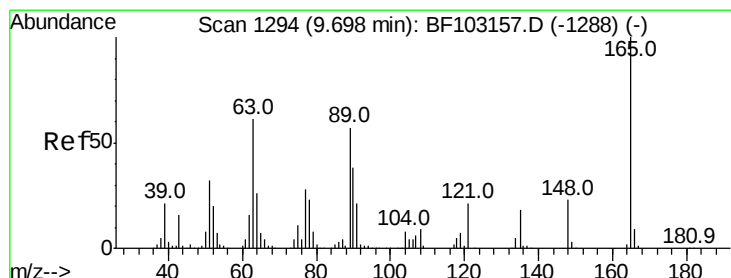
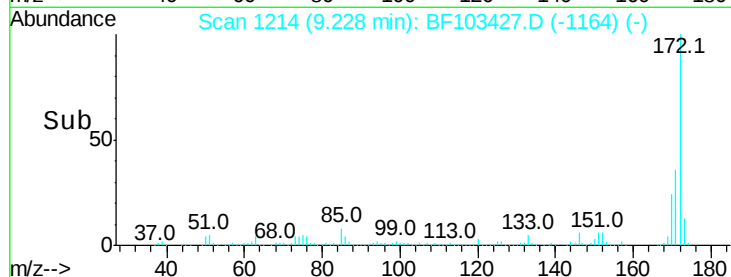
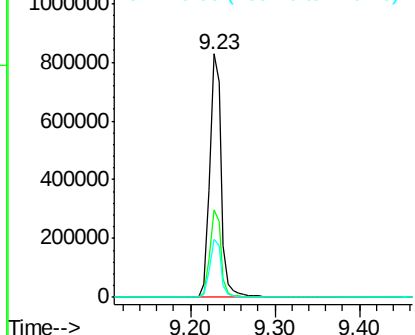
#44
 2-Fluorobiphenyl
 Concen: 64.760 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103427.D
 Acq: 5 Mar 2018 23:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 802046
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 19.6 29.4

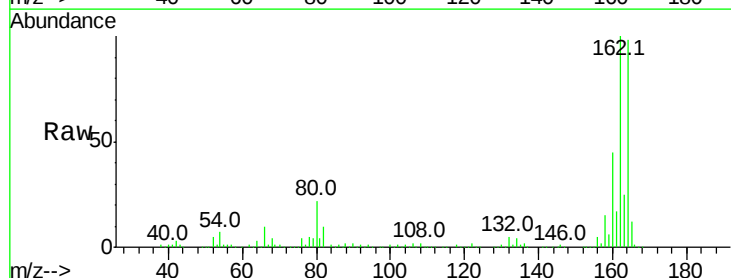


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

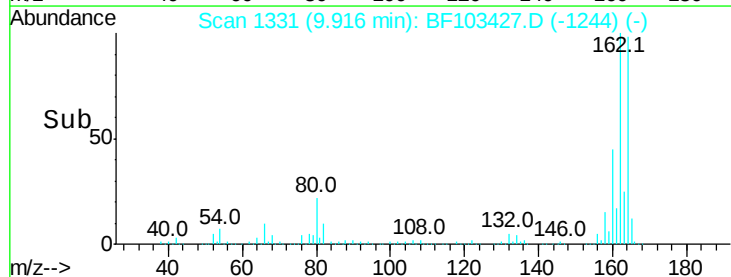
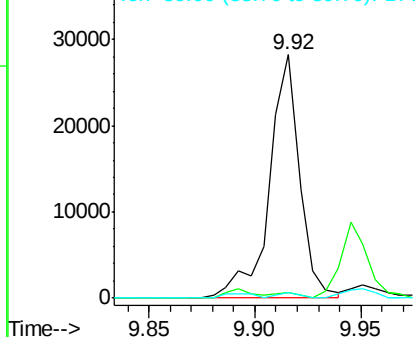


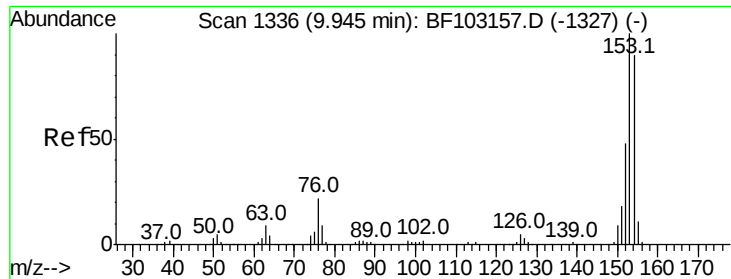
#50
 2,6-Dinitrotoluene
 Concen: 8.347 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF103427.D
 Acq: 5 Mar 2018 23:35

Tgt Ion:165 Resp: 28298
 Ion Ratio Lower Upper
 165 100
 63 2.2 44.7 67.1#
 89 2.1 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: 6.340 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

Instrument :

BNA_F

ClientSampled :

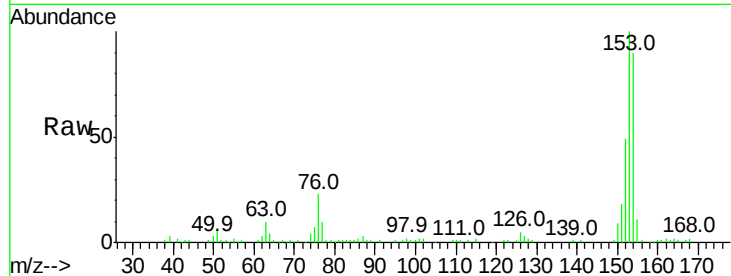
Tot Ion:154 Resp: 75937

Ion Ratio Lower Upper

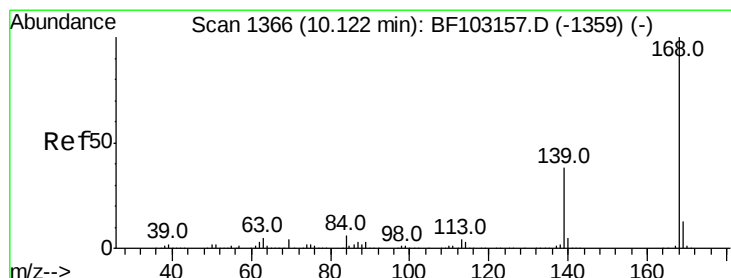
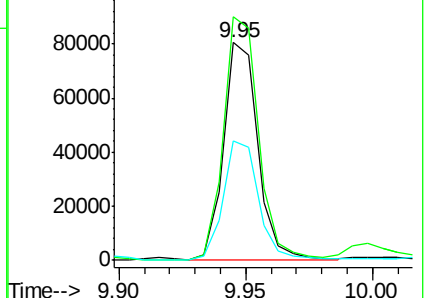
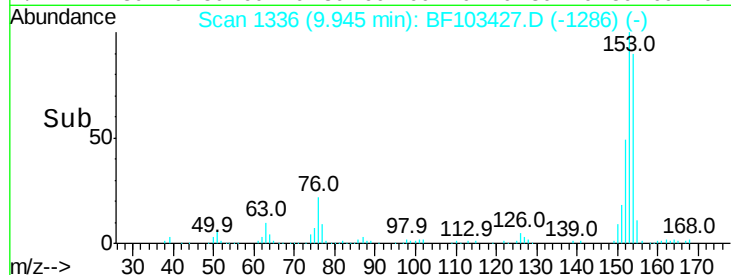
154 100

153 111.7 91.2 136.8

152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 5.495 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

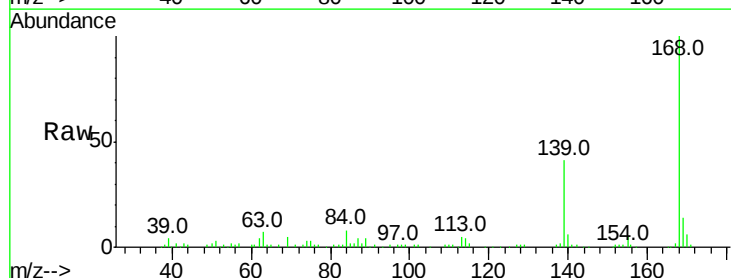
Tgt Ion:168 Resp: 90352

Ion Ratio Lower Upper

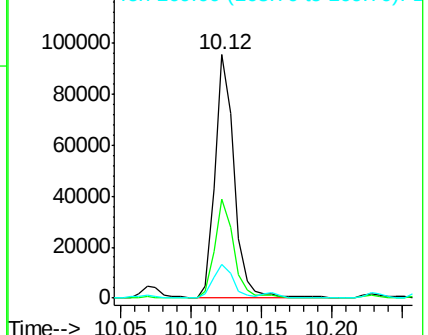
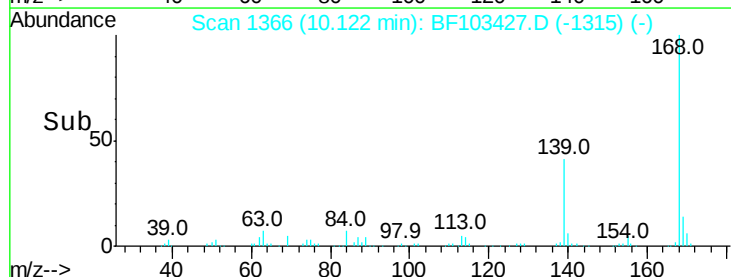
168 100

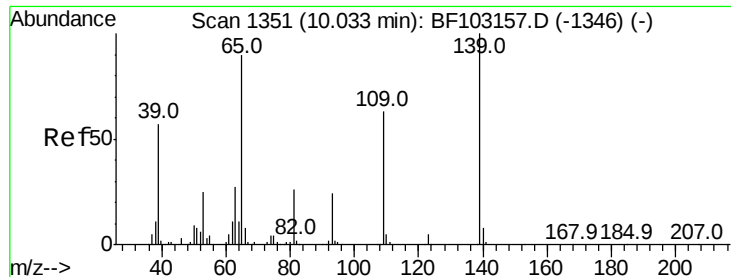
139 40.6 30.1 45.1

169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

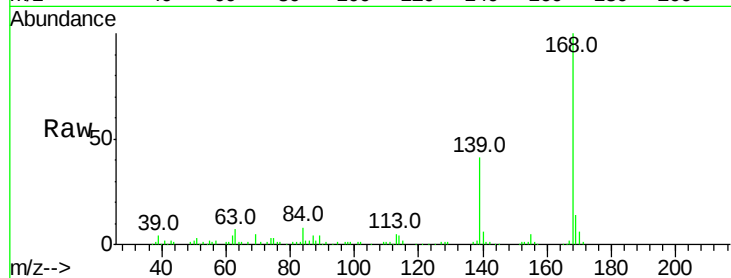




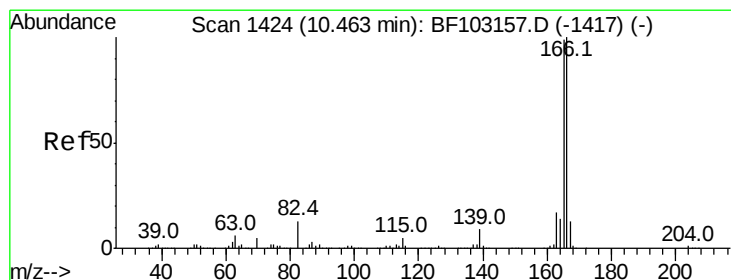
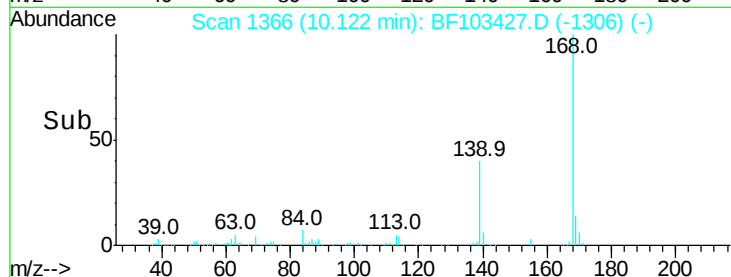
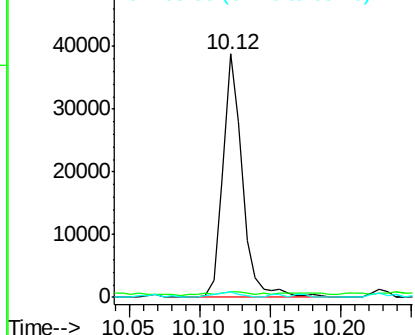
#55
4-Nitrophenol
Concen: 14.077 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 37527
Ion Ratio Lower Upper
139 100
109 2.1 48.4 88.4#
65 2.1 72.6 112.6#

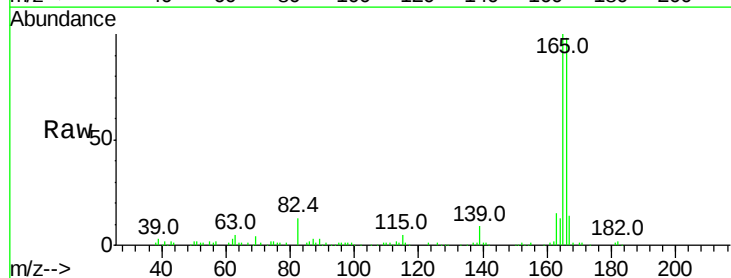


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

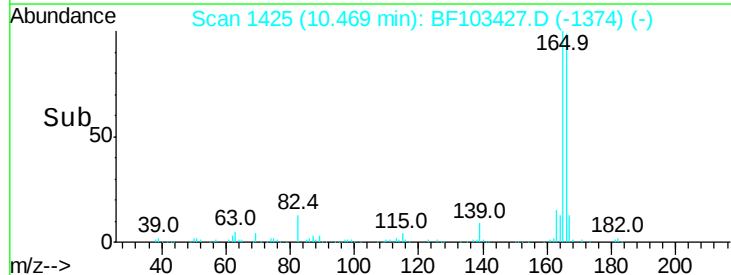
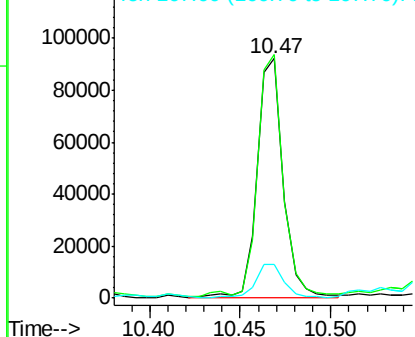


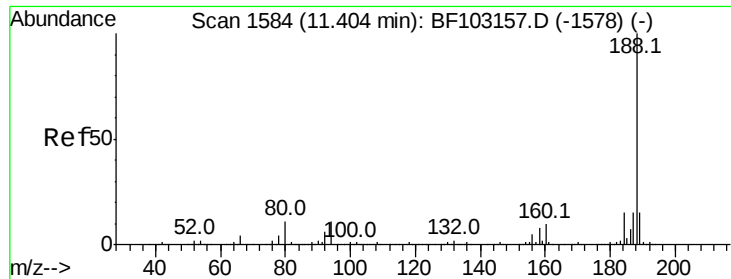
#57
Fluorene
Concen: 6.652 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:166 Resp: 93173
Ion Ratio Lower Upper
166 100
165 101.7 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

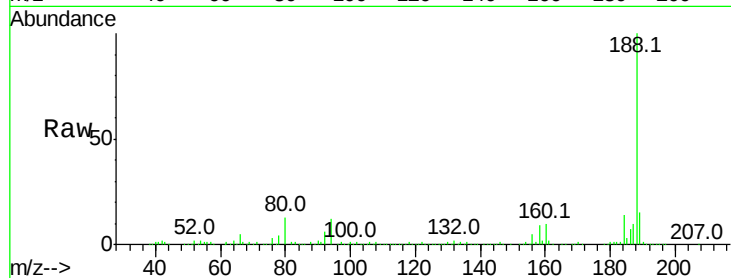




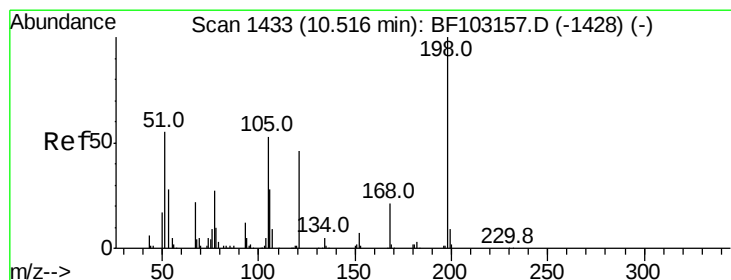
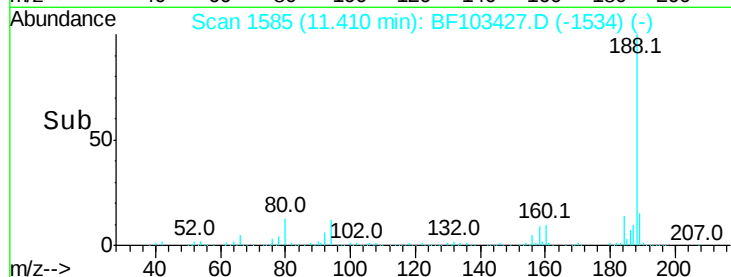
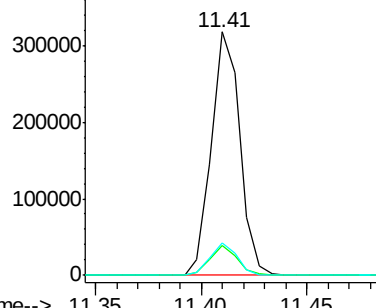
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 296763
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.1 9.2 13.8

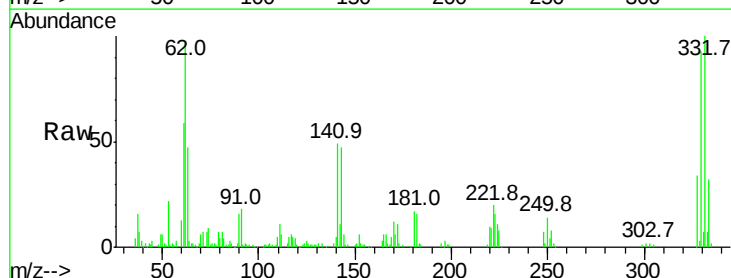


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

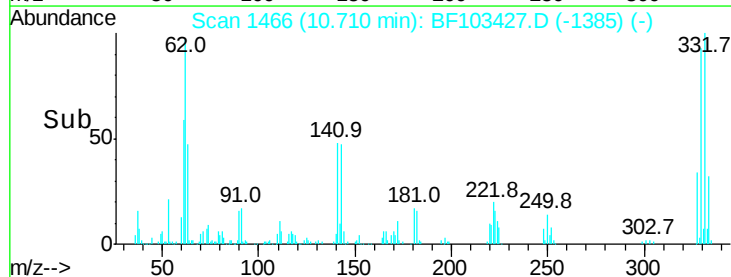
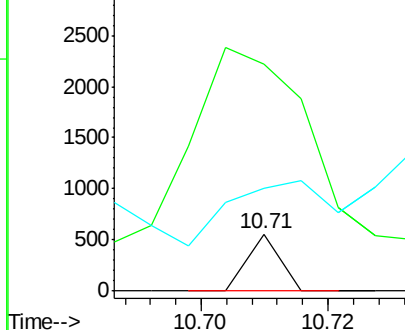


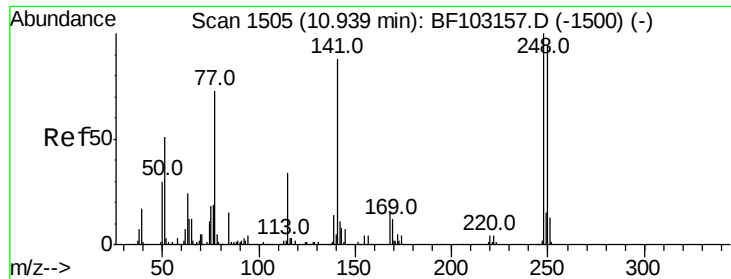
#64
4,6-Dinitro-2-methylphenol
Concen: 5.043 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:198 Resp: 196
Ion Ratio Lower Upper
198 100
51 400.2 37.7 77.7#
105 181.1 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

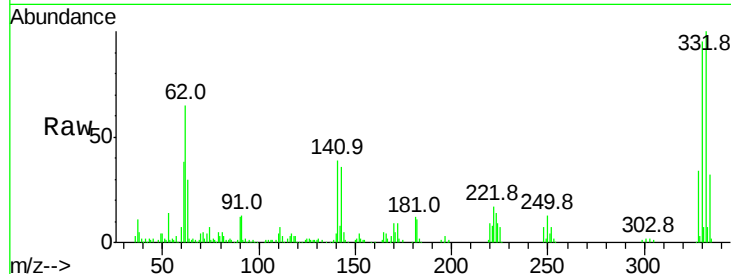




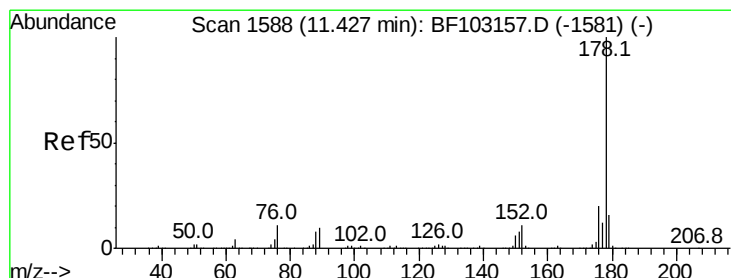
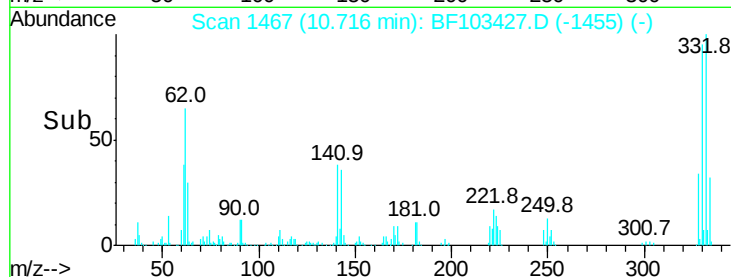
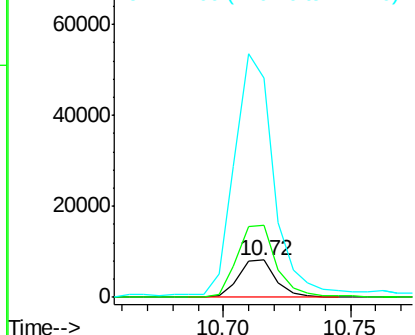
#66
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.23 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8451
Ion Ratio Lower Upper
248 100
250 195.0 76.9 115.3#
141 591.1 74.4 111.6#

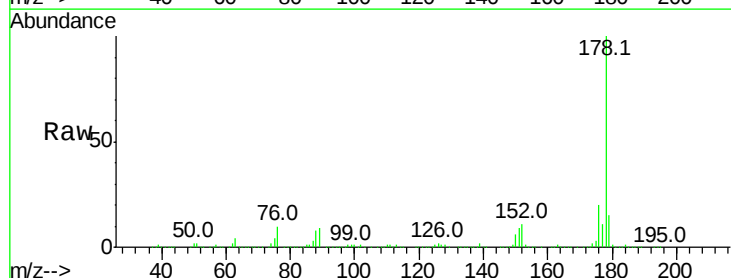


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

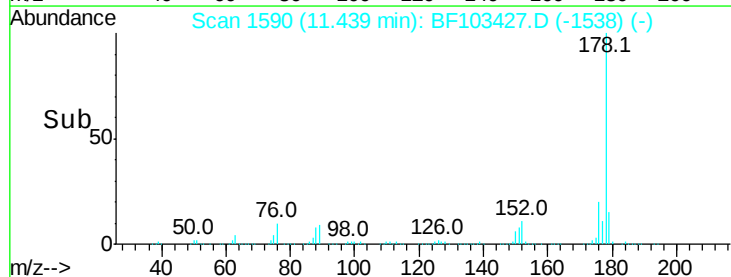
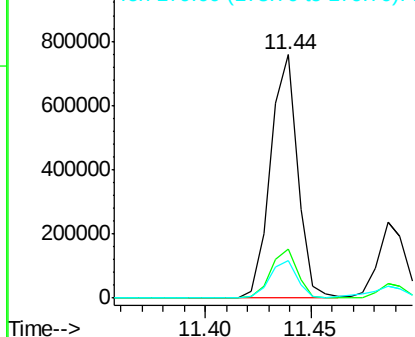


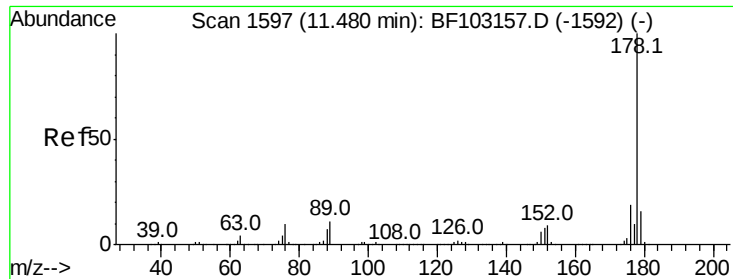
#70
Phenanthrene
Concen: 41.501 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:178 Resp: 677789
Ion Ratio Lower Upper
178 100
176 20.1 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

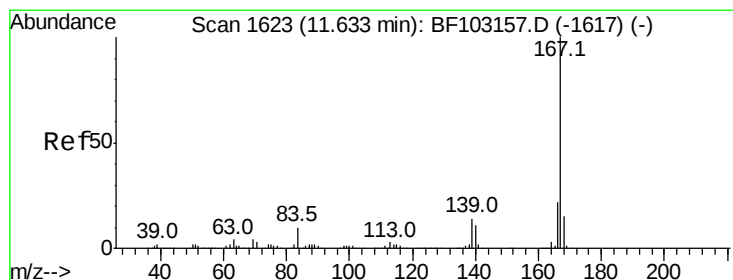
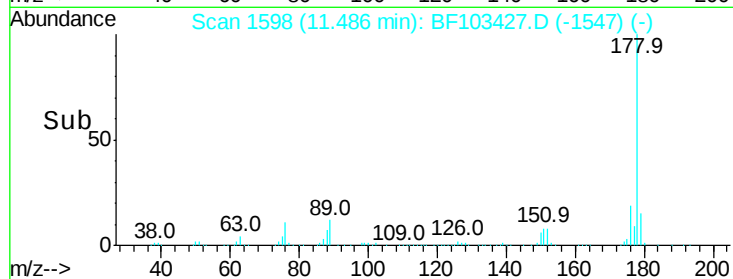
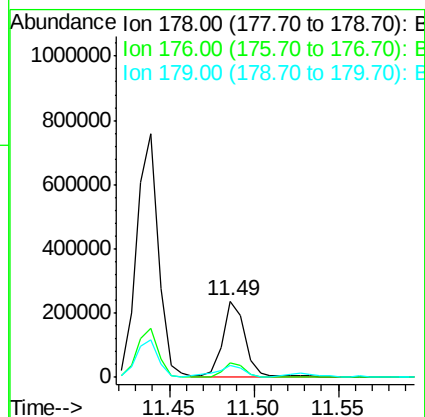
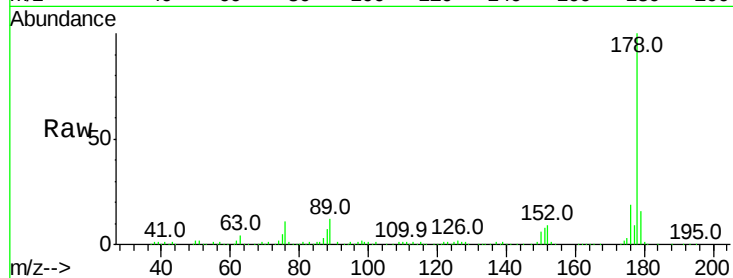




#71
 Anthracene
 Concen: 13.235 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103427.D
 Acq: 5 Mar 2018 23:35

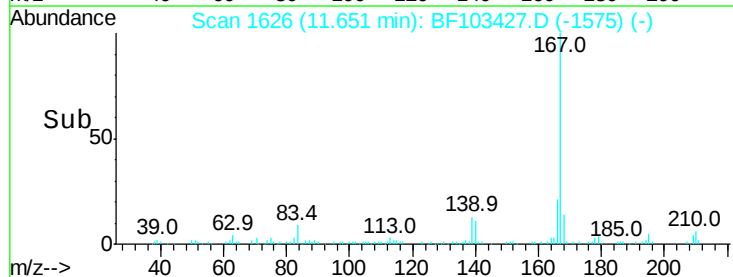
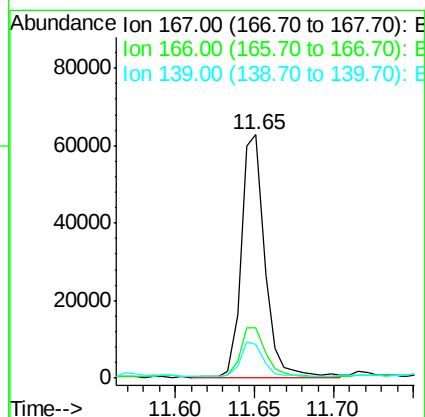
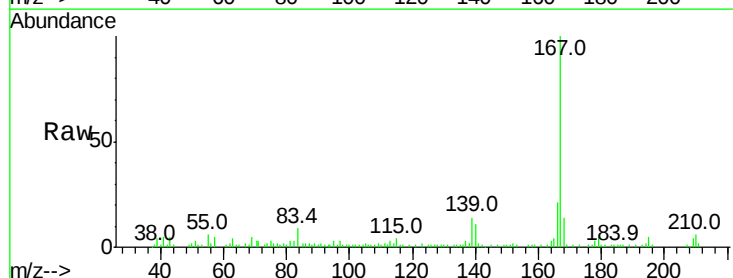
Instrument :
 BNA_F
 ClientSampleId :

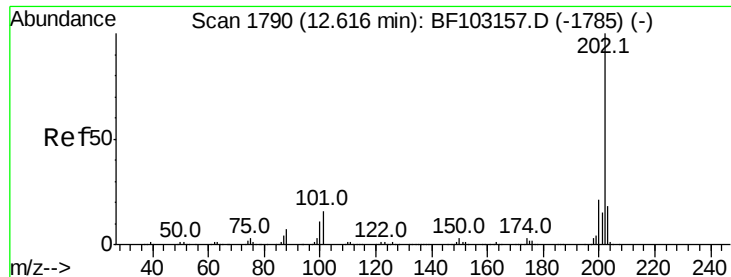
Tot Ion:178 Resp: 221651
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 3.943 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF103427.D
 Acq: 5 Mar 2018 23:35

Tgt Ion:167 Resp: 65763
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.6 26.4
 139 13.9 10.9 16.3





#74

Fluoranthene

Concen: 46.339 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

Instrument :

BNA_F

ClientSampleId :

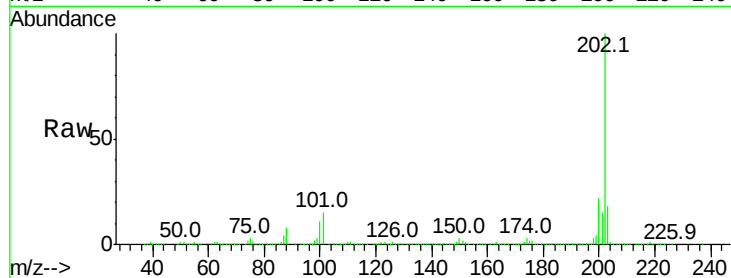
Tot Ion:202 Resp: 760497

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

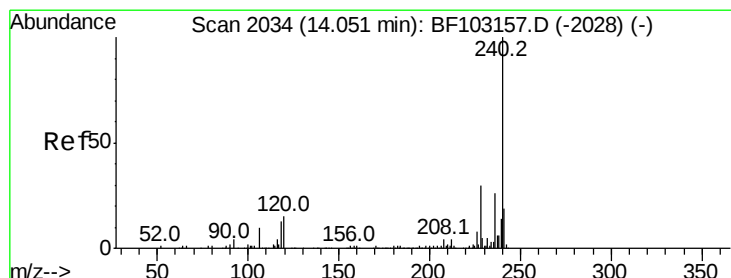
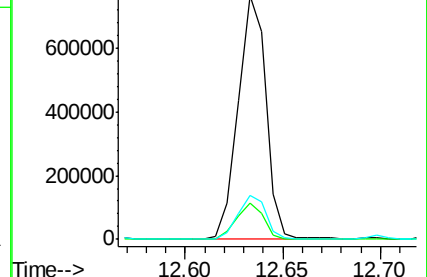
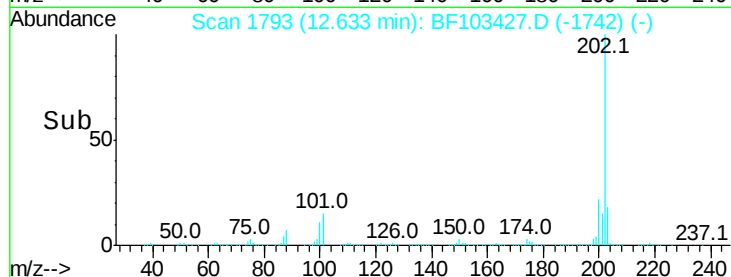
203 17.9 0.0 38.1



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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

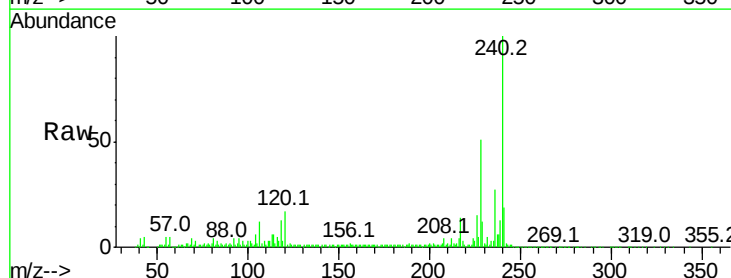
Tgt Ion:240 Resp: 176899

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

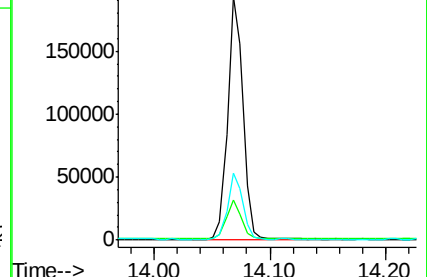
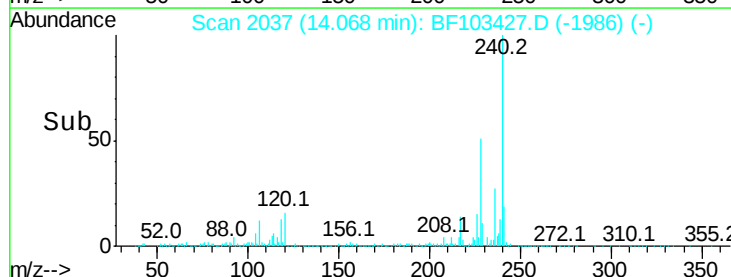
236 27.3 20.7 31.1

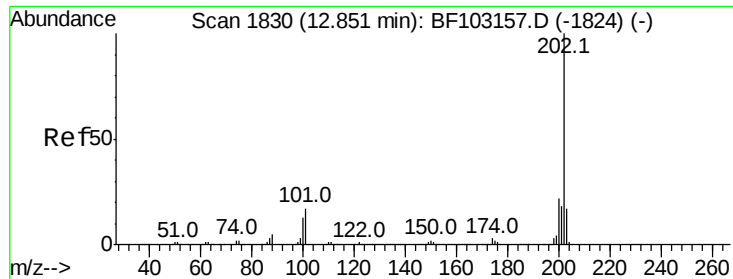


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

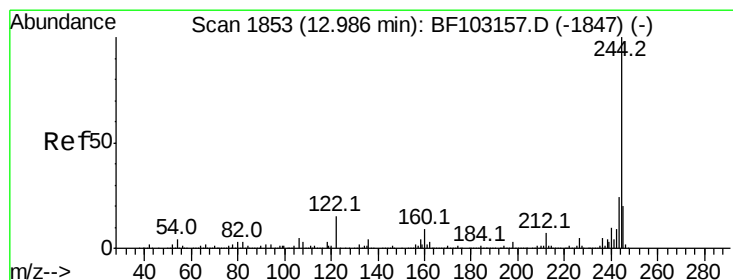
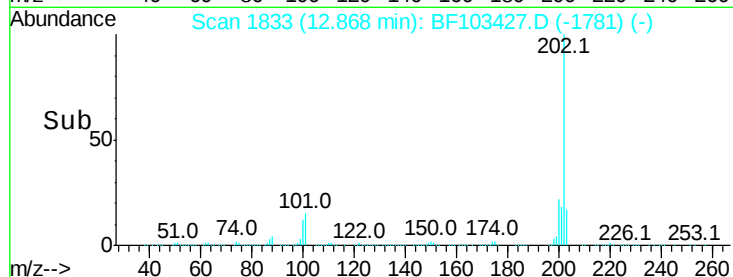
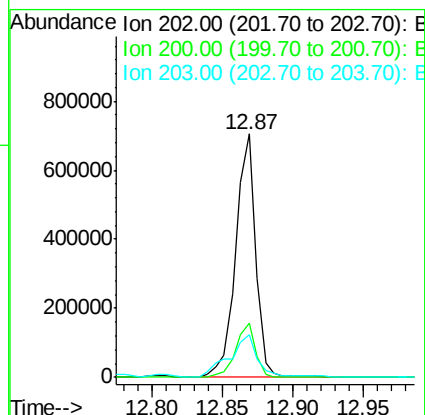
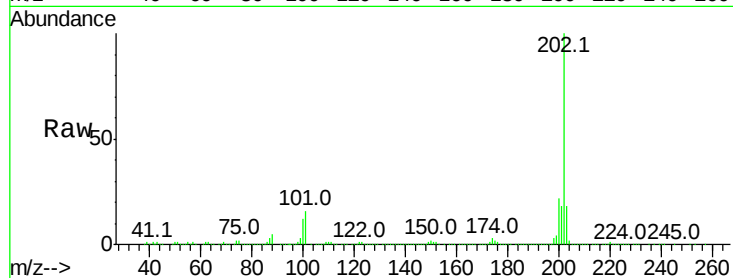




#77
Pvrene
Concen: 50.407 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

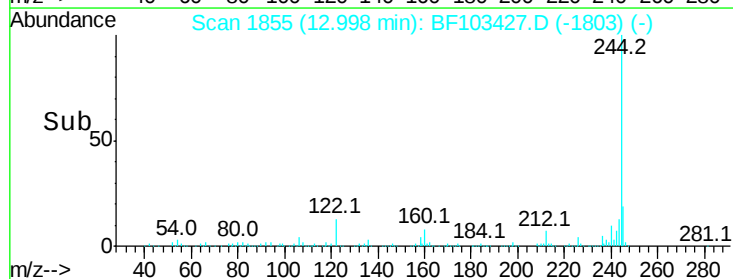
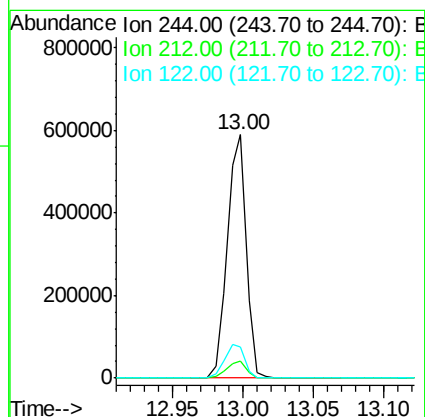
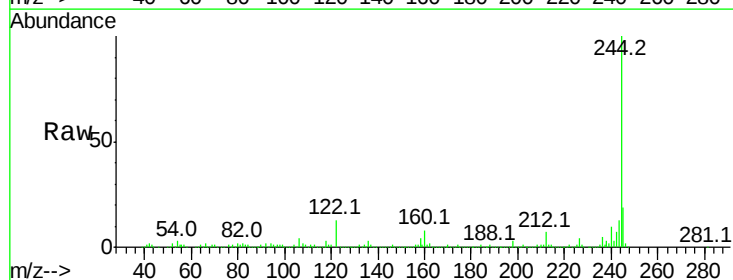
Instrument :
BNA_F
ClientSampleId :

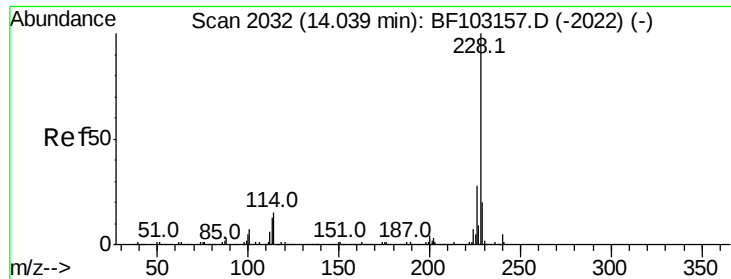
Tot Ion:202 Resp: 695218
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 74.539 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:244 Resp: 548528
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.8 11.0 16.4

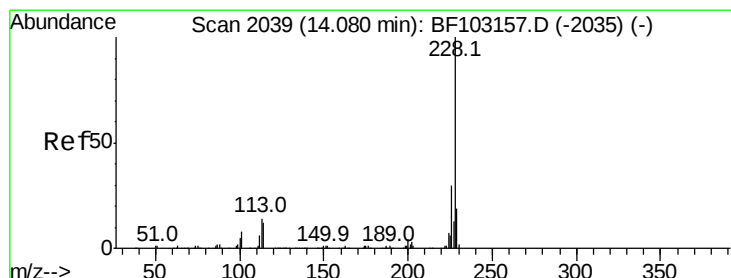
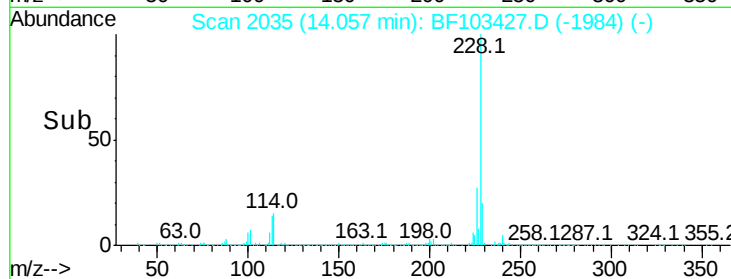
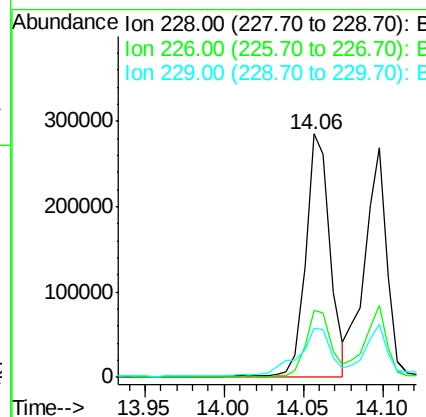
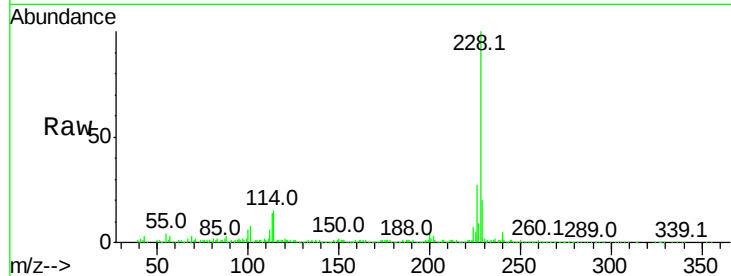




#80
Benzo(a)anthracene
Concen: 26.198 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

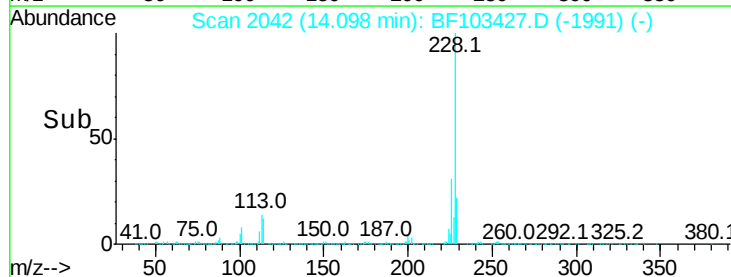
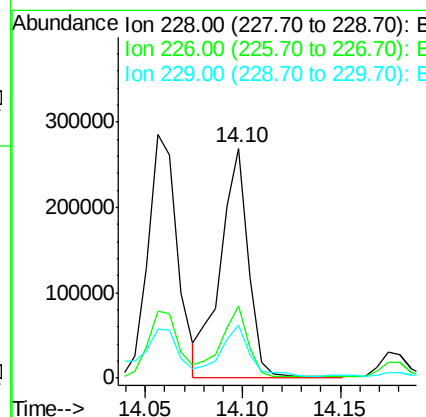
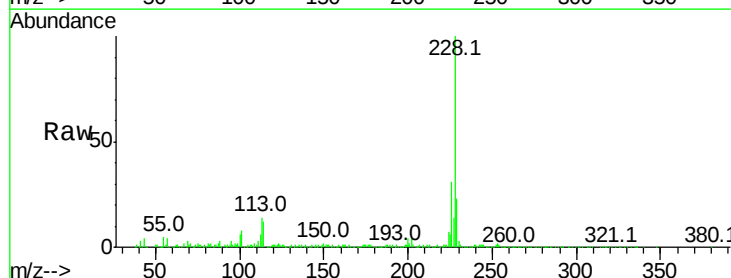
Instrument :
BNA_F
ClientSampleId :

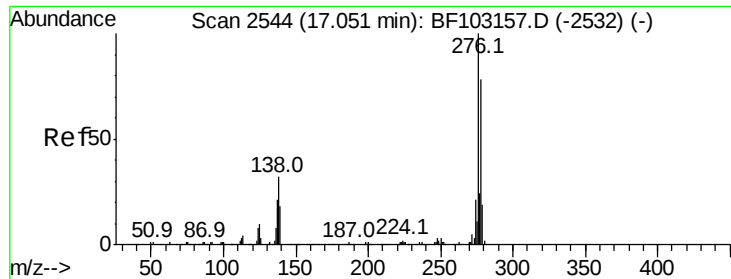
Tot Ion:228 Resp: 300696
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.4 15.8 23.6



#82
Chrysene
Concen: 23.916 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:228 Resp: 266538
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 22.8 16.2 24.4

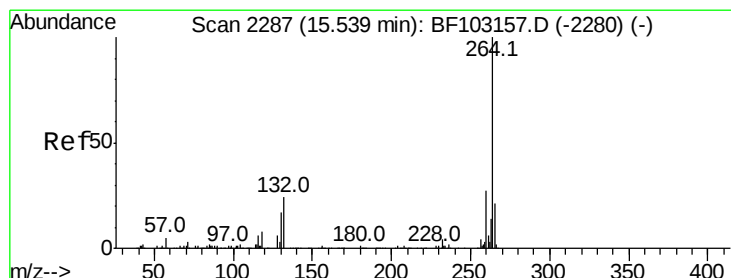
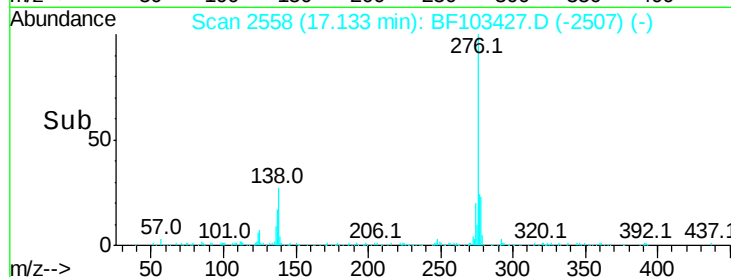
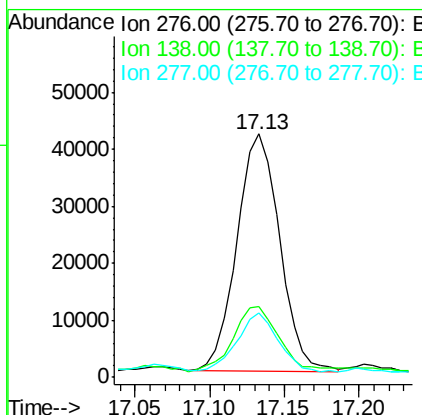
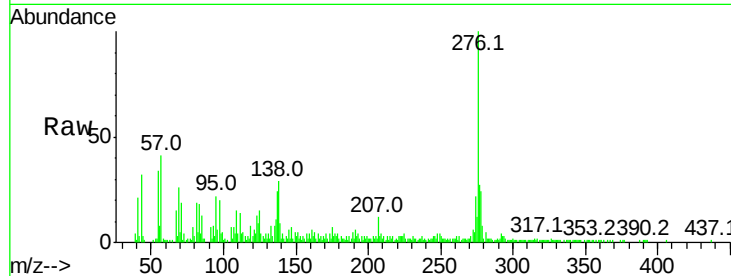




#85
Indeno(1,2,3-cd)pyrene
Concen: 9.453 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

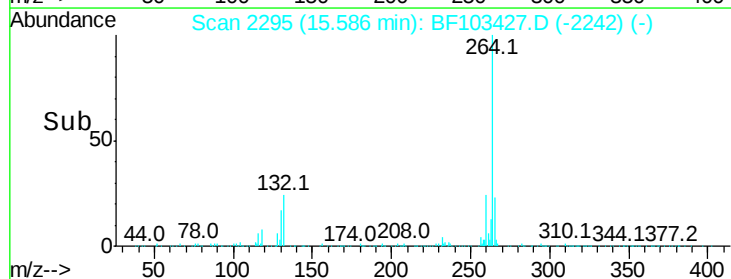
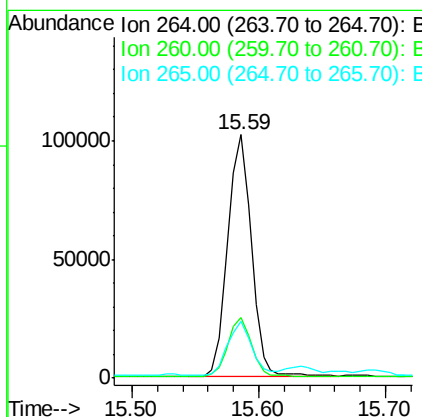
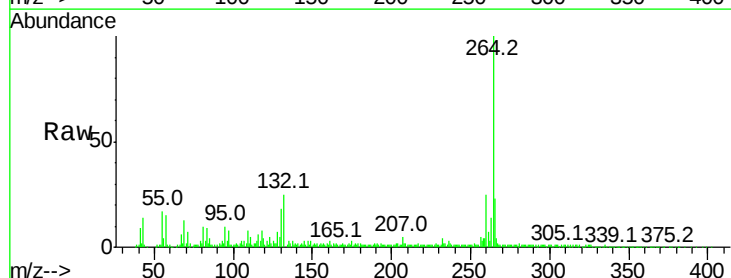
Instrument :
BNA_F
ClientSampleId :

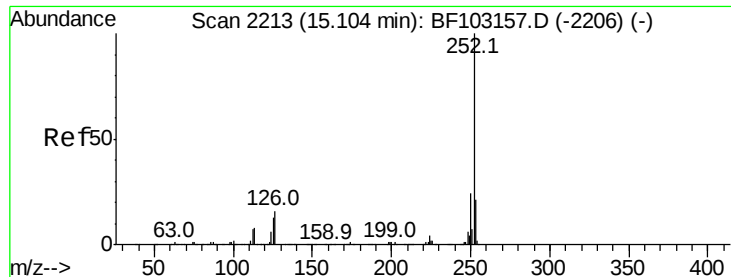
Tot Ion:276 Resp: 83405
Ion Ratio Lower Upper
276 100
138 30.9 25.0 37.6
277 24.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:264 Resp: 131745
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 23.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 36.998 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

Instrument :

BNA_F

ClientSampleId :

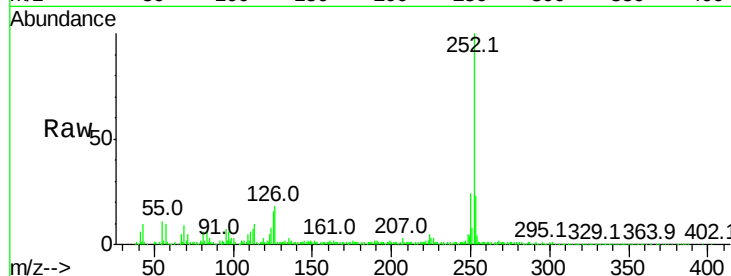
Tot Ion:252 Resp: 320478

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

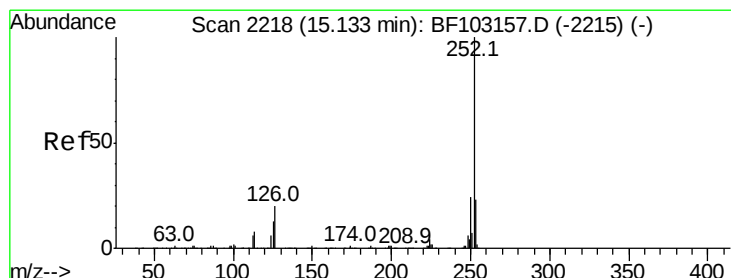
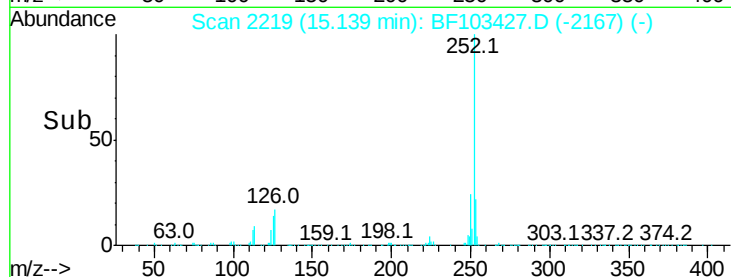
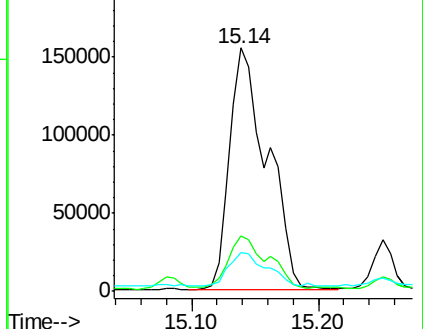
125 16.1 9.0 13.6#



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: 39.290 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

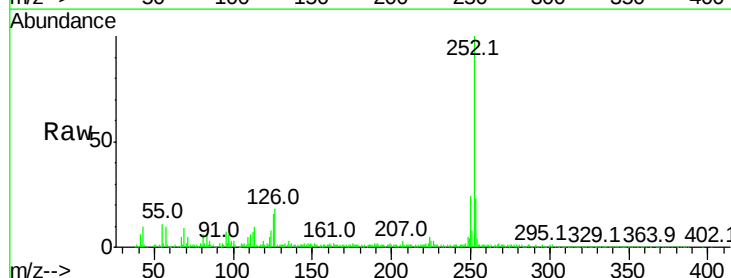
Tgt Ion:252 Resp: 320478

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

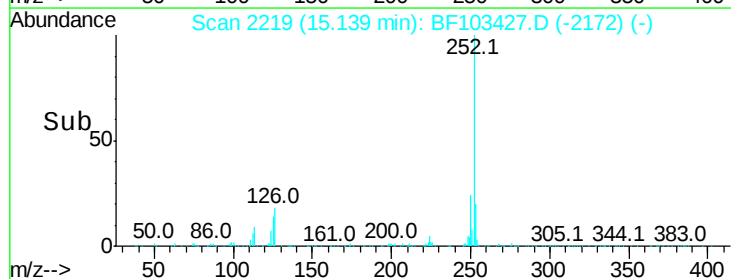
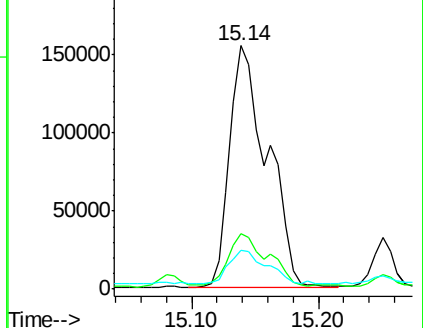
125 16.1 10.2 15.2#

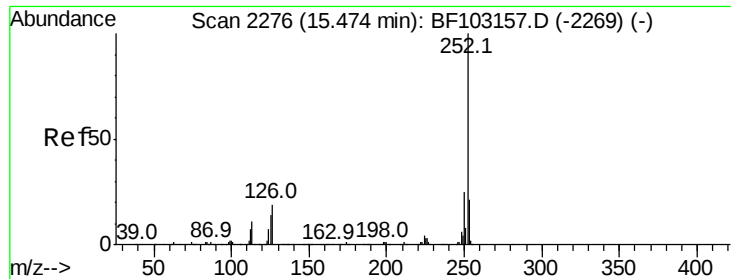


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

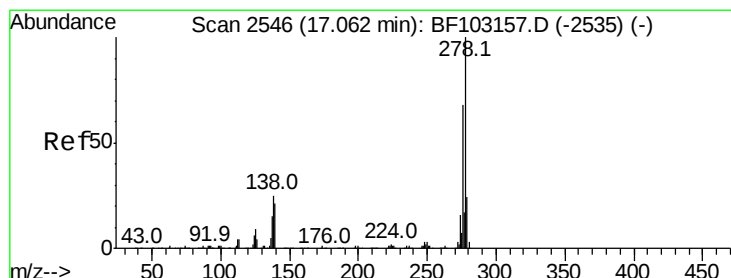
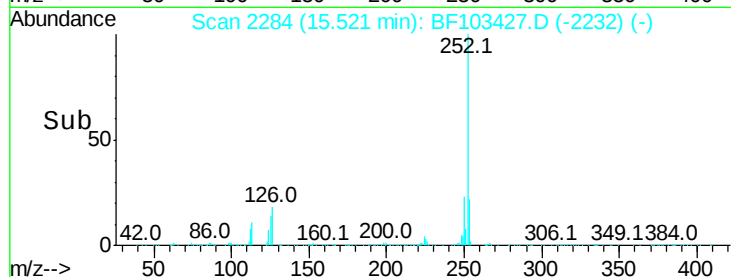
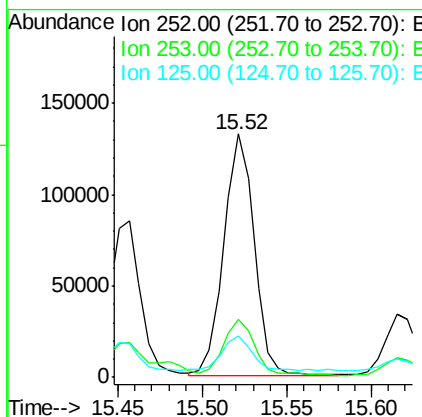
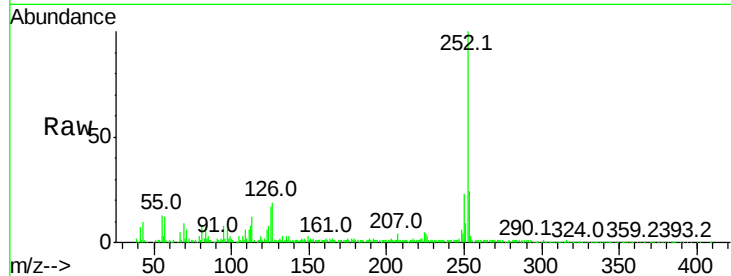




#89
Benzo(a)pyrene
Concen: 21.399 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

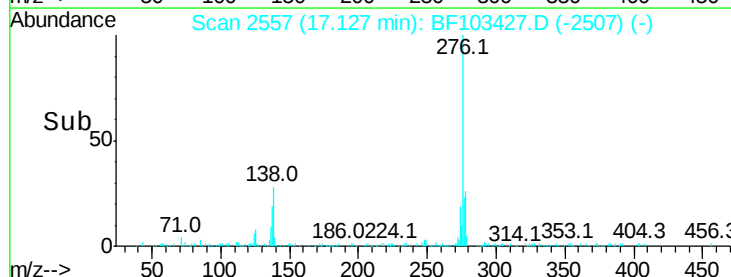
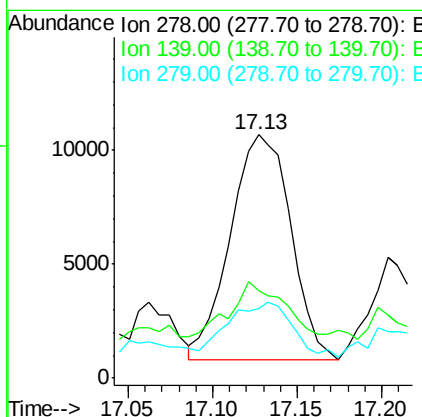
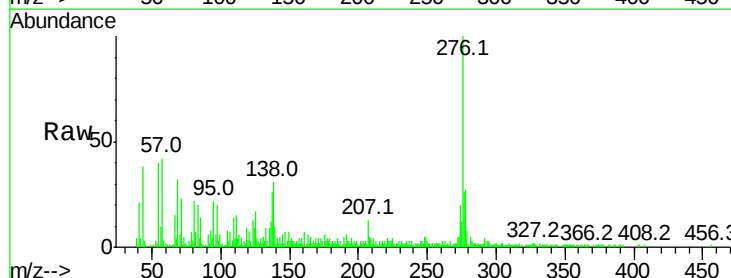
Instrument :
BNA_F
ClientSampleId :

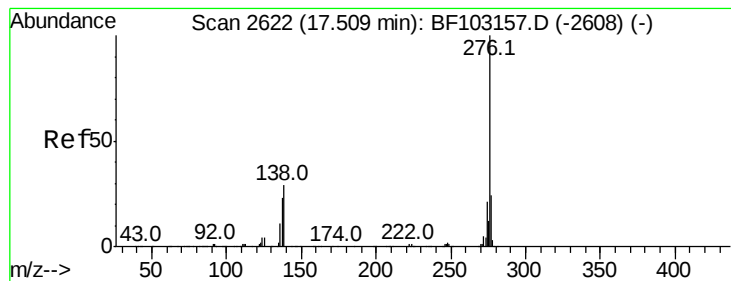
Tot Ion:252 Resp: 165525
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 16.8 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 4.086 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:278 Resp: 24422
Ion Ratio Lower Upper
278 100
139 36.1 15.9 23.9#
279 28.7 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 13.295 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.01 min

Lab File: BF103427.D

Acq: 5 Mar 2018 23:35

Instrument :

BNA_F

ClientSampled :

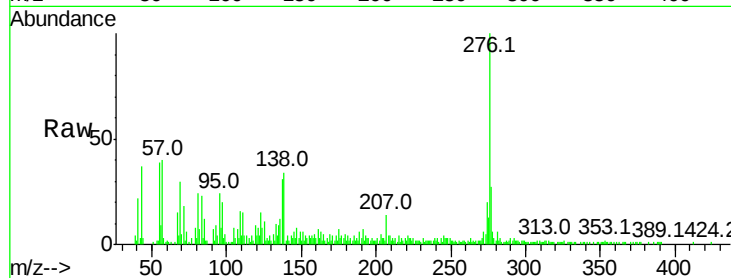
Tot Ion:276 Resp: 77665

Ion Ratio Lower Upper

276 100

277 26.5 17.9 26.9

138 34.2 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

