

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104858.D
 Acq On : 27 Apr 2018 3:24
 Operator : JU/SJ
 Sample : J2520-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 11:07:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110488	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	425242	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	155711	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	243970	20.00	ng	0.00
75) Chrysene-d12	13.98	240	232199	20.00	ng	0.00
86) Perylene-d12	15.44	264	172940	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	524028	72.52	ng	0.00
7) Phenol-d6	6.44	99	620874	69.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	390082	59.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	108672	67.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	611160	62.00	ng	0.00
78) Terphenyl-d14	12.92	244	479462	47.08	ng	0.00

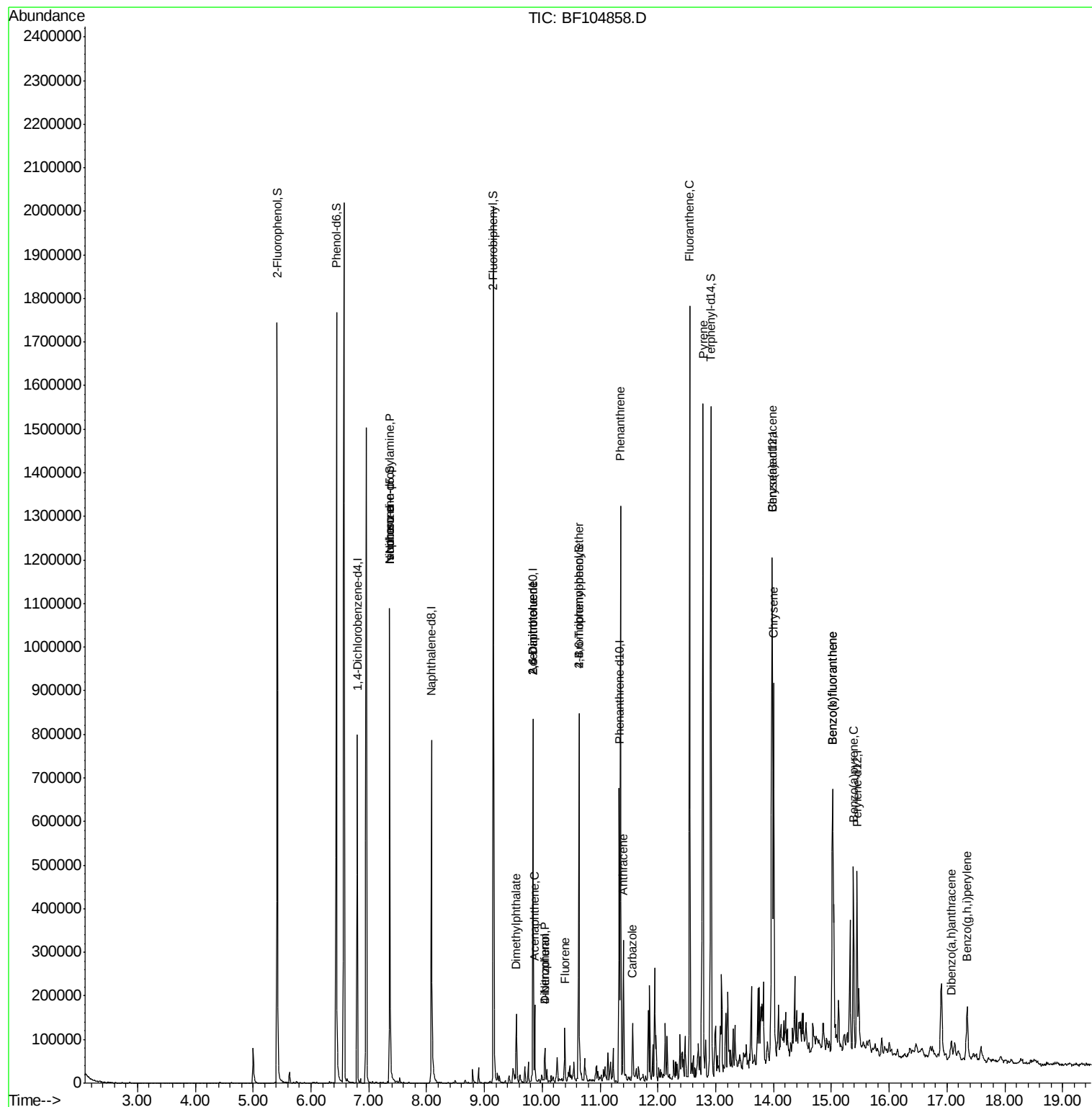
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	491	Below Cal		98
19) n-Nitroso-di-n-propylamine	7.36	70	48337	8.332 ng	#	72
25) Isophorone	7.36	82	390079	28.326 ng	#	64
49) Dimethylphthalate	9.55	163	62245	5.069 ng		99
50) 2,6-Dinitrotoluene	9.84	165	19721	8.680 ng	#	26
51) Acenaphthene	9.87	154	34746	3.513 ng		98
54) Dibenzofuran	10.05	168	28862	2.094 ng		98
55) 4-Nitrophenol	10.05	139	11166	5.344 ng	#	9
56) 2,4-Dinitrotoluene	9.84	165	19721	6.617 ng	#	23
57) Fluorene	10.39	166	33478	3.337 ng		99
66) 4-Bromophenyl-phenylether	10.63	248	6682	2.575 ng	#	1
70) Phenanthrene	11.36	178	486839	35.832 ng		97
71) Anthracene	11.40	178	128935	9.336 ng		98
72) Carbazole	11.56	167	53027	3.929 ng		98
74) Fluoranthene	12.55	202	697432	49.131 ng		97
76) Benzidine	12.92	184	6530	Below Cal		97
77) Pyrene	12.78	202	610725	35.484 ng		100
80) Benzo(a)anthracene	13.97	228	358044	25.811 ng		98
82) Chrysene	14.00	228	299581	21.025 ng		98
87) Benzo(b)fluoranthene	15.02	252	415584	38.048 ng		98
88) Benzo(k)fluoranthene	15.02	252	415584	40.301 ng		100
89) Benzo(a)pyrene	15.38	252	205459	21.023 ng		98
90) Dibenzo(a,h)anthracene	17.08	278	26269	3.273 ng		95
91) Benzo(g,h,i)perylene	17.35	276	96362	12.392 ng		92

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

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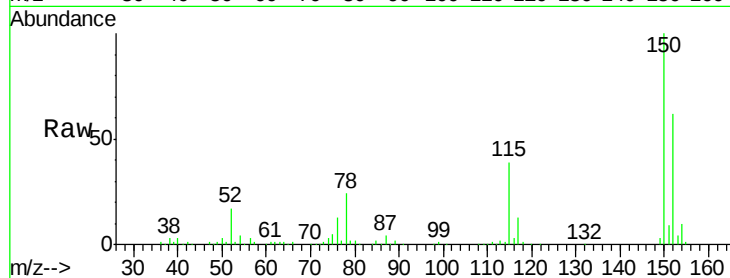


#1

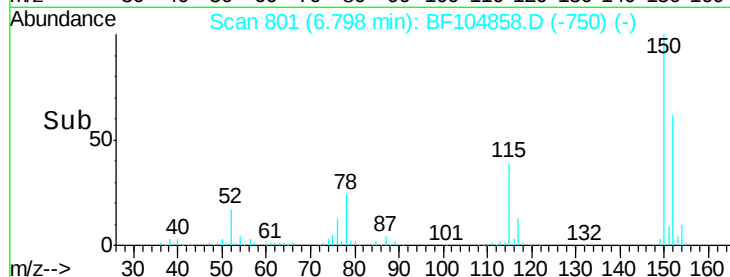
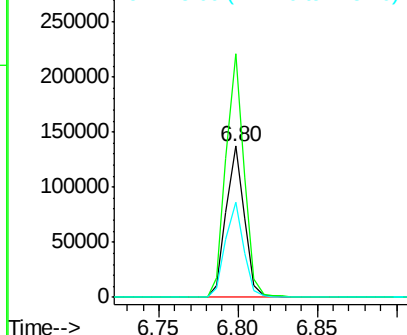
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110488
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 63.2 50.1 75.1



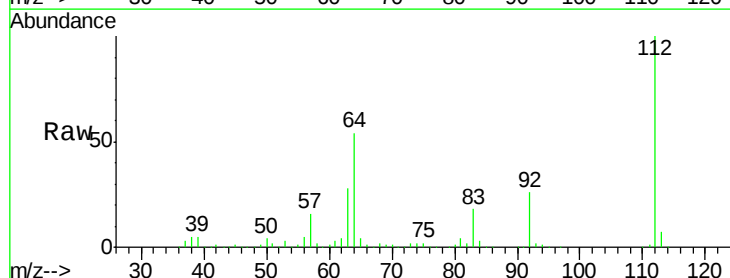
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



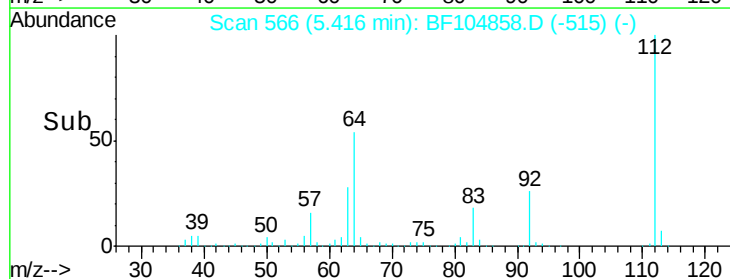
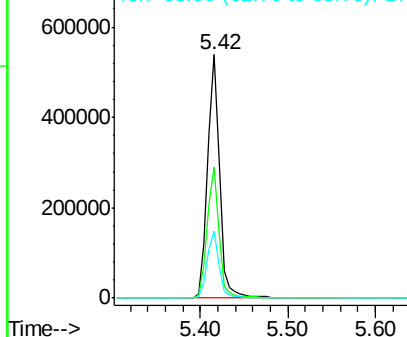
#5

2-Fluorophenol
Concen: 72.521 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Tgt Ion:112 Resp: 524028
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.6 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: 69.932 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Instrument :

BNA_F

ClientSampled :

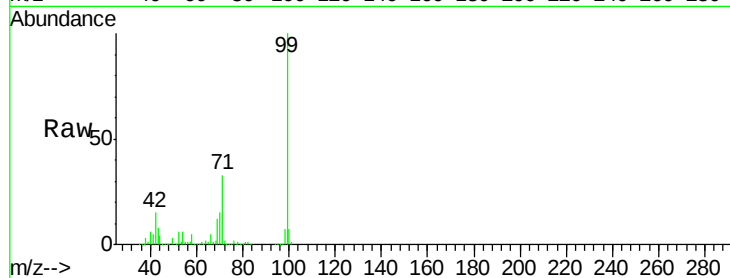
Tot Ion: 99 Resp: 620874

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

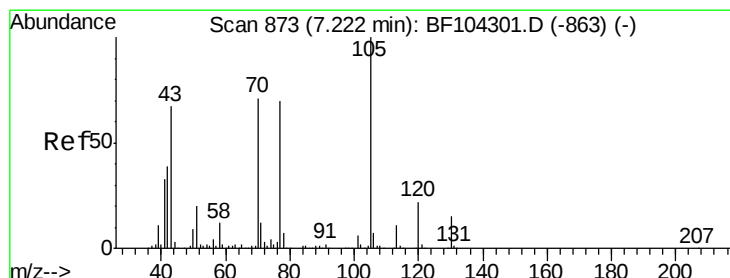
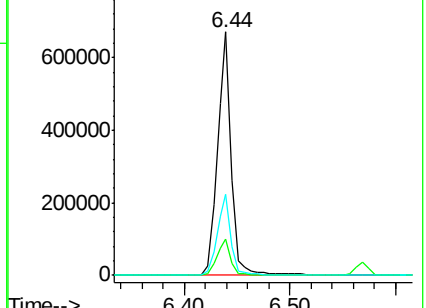
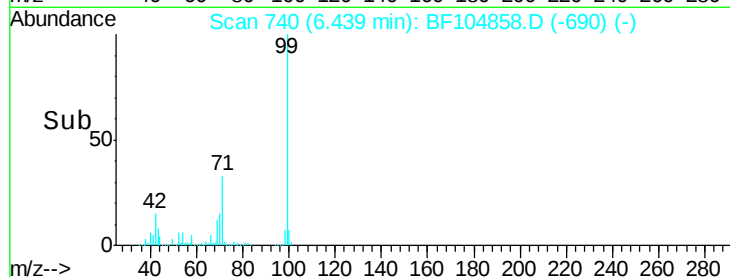
71 33.5 25.4 38.0



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: 8.332 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Tgt Ion: 70 Resp: 48337

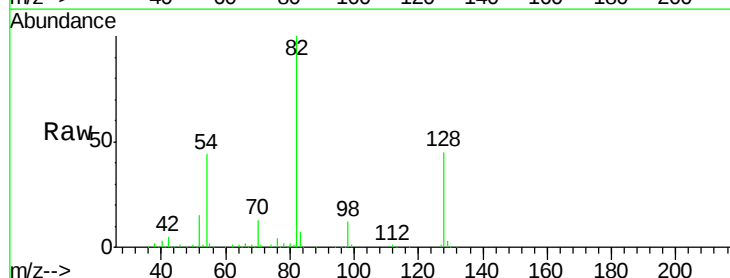
Ion Ratio Lower Upper

70 100

42 41.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

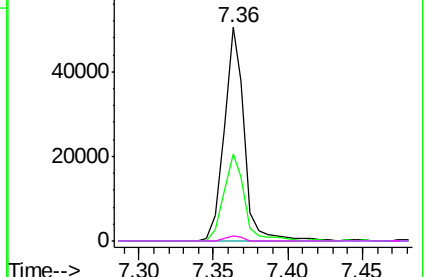
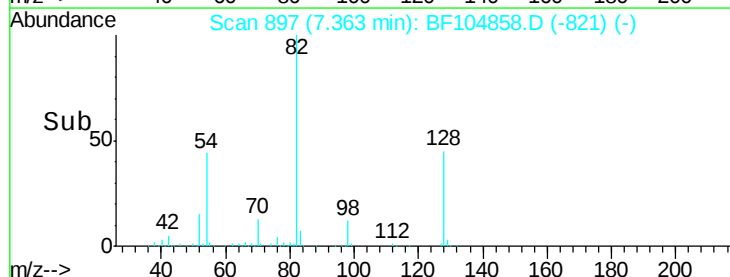


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

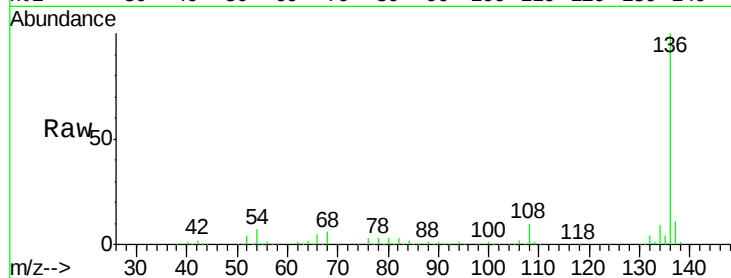




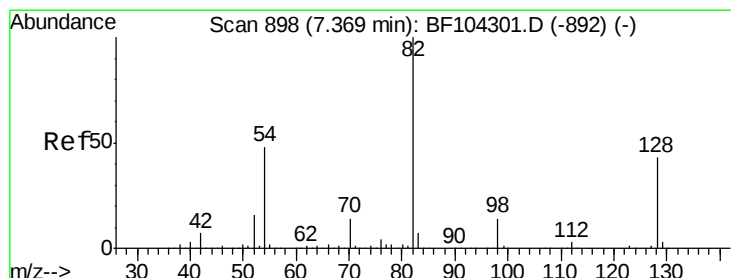
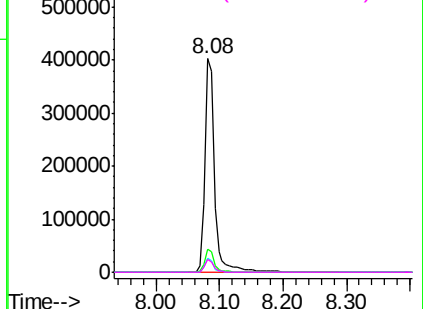
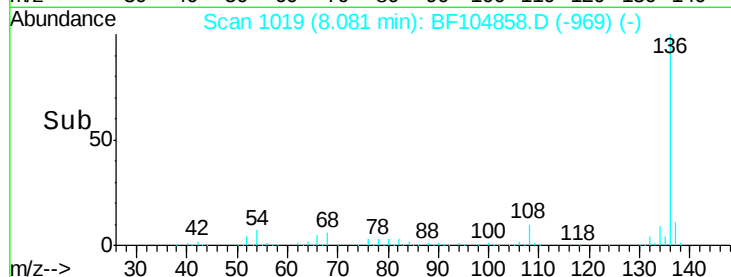
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	425242
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 6.7	6.6	9.8
68 6.0	5.0	7.4

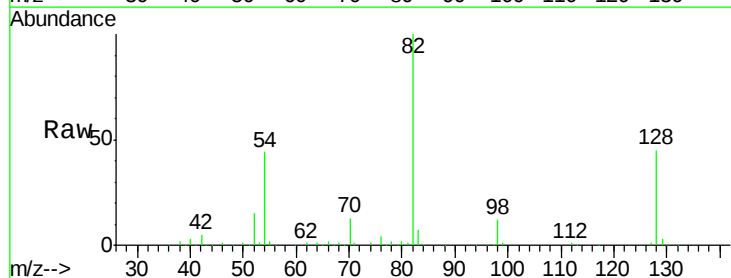


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

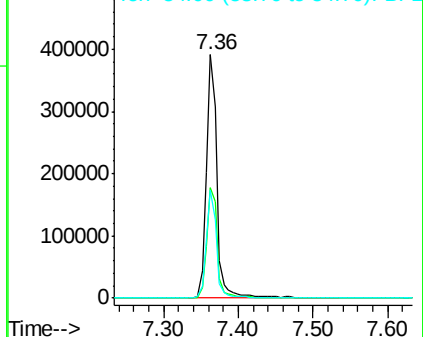
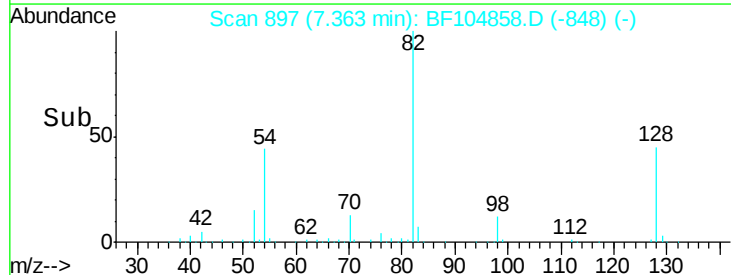


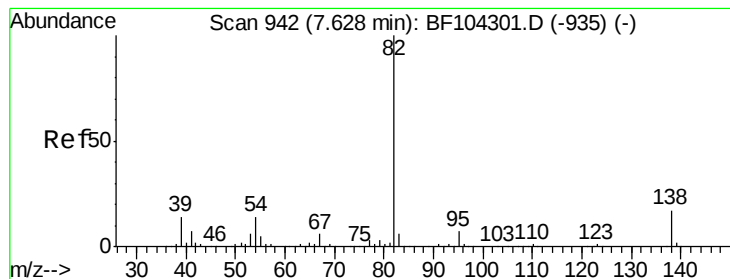
#23
Nitrobenzene-d5
Concen: 59.899 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Tgt Ion: 82	Resp: 390082
Ion Ratio	Lower Upper
82 100	
128 45.4	36.1 54.1
54 44.5	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: 28.326 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Instrument :

BNA_F

ClientSampleId :

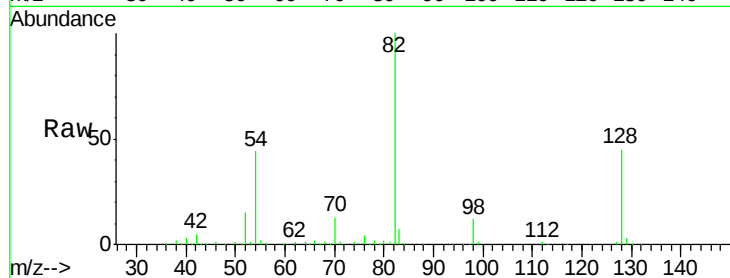
Tot Ion: 82 Resp: 390079

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

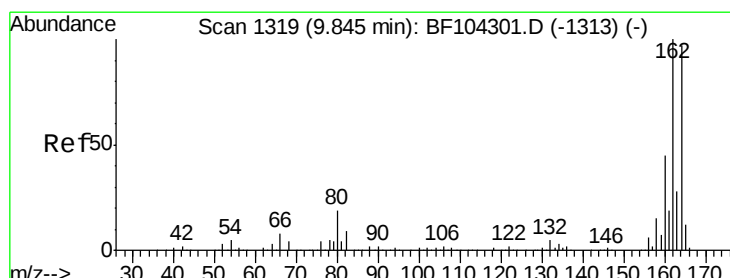
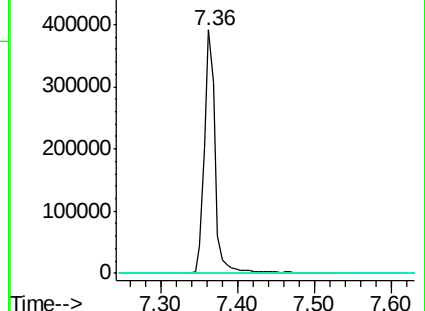
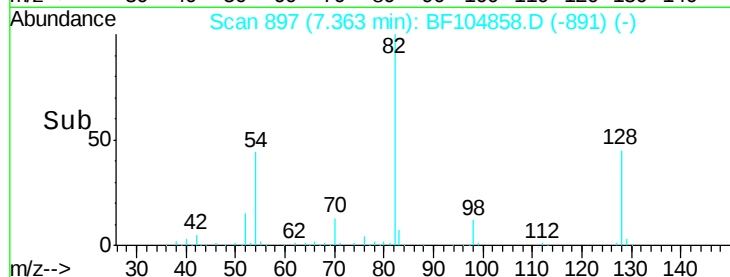
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

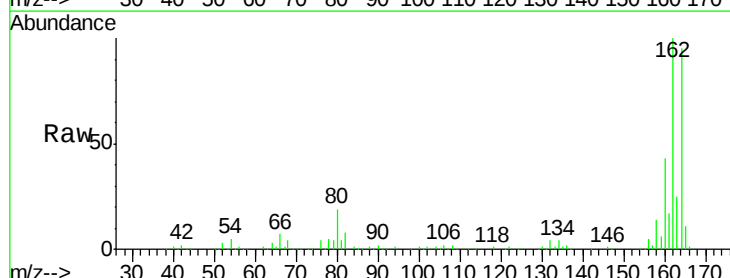
Tgt Ion: 164 Resp: 155711

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

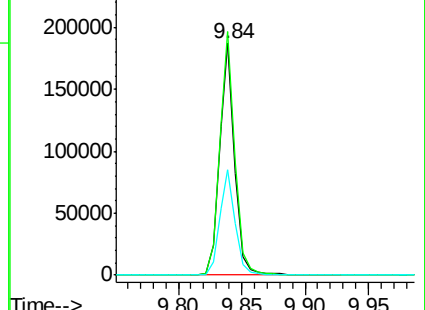
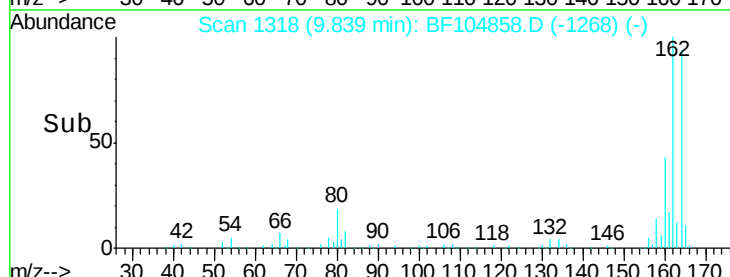
160 45.3 38.3 57.5



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

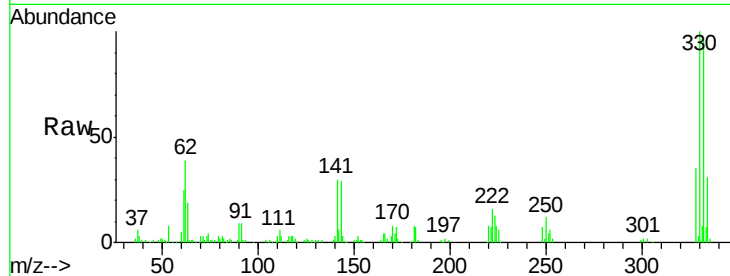




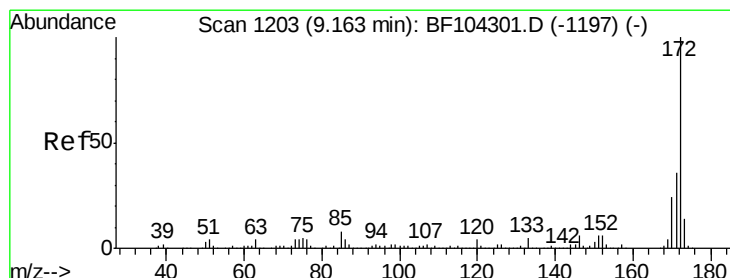
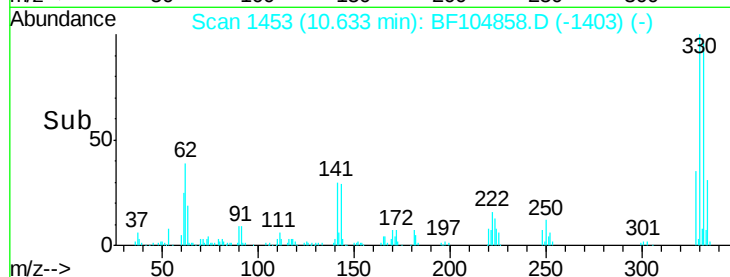
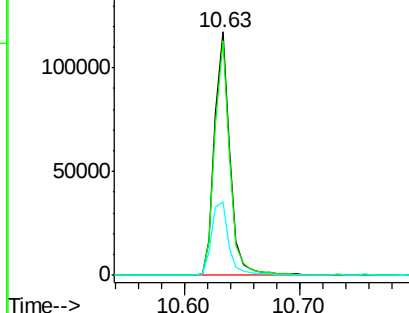
#41
 2,4,6-Tribromophenol
 Concen: 67.279 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104858.D
 Acq: 27 Apr 2018 3:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	33.8	29.9	44.9

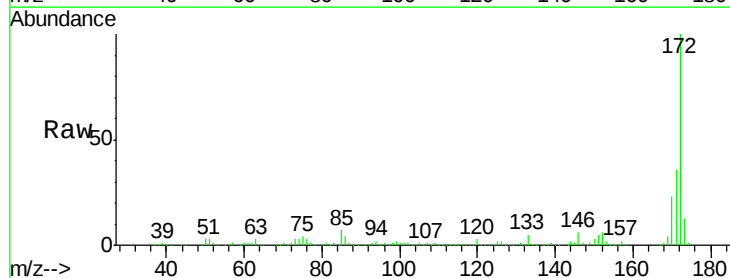


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

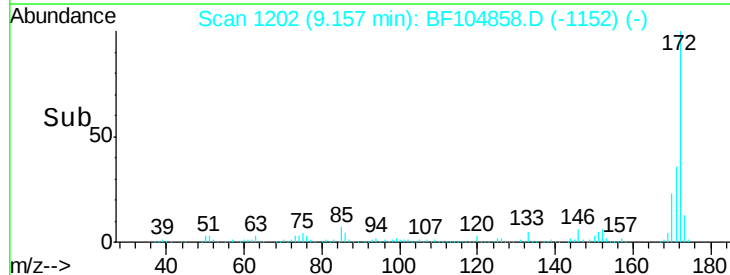
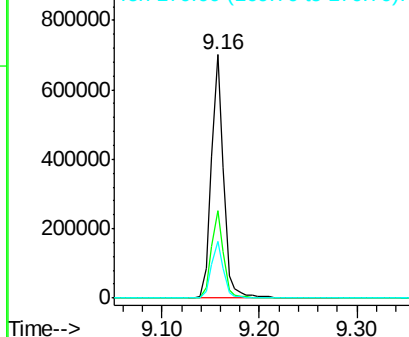


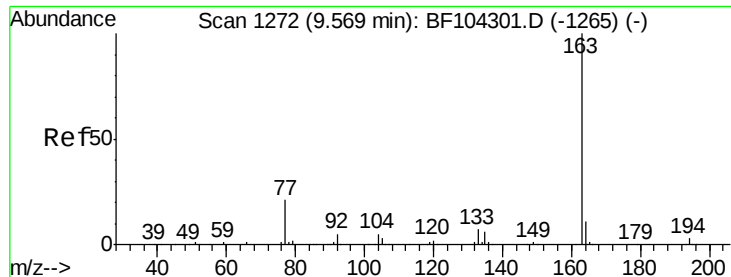
#44
 2-Fluorobiphenyl
 Concen: 62.005 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104858.D
 Acq: 27 Apr 2018 3:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	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

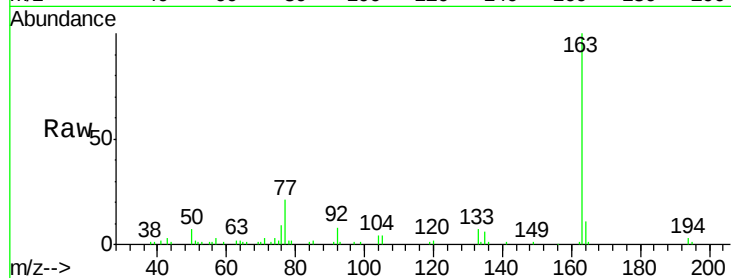




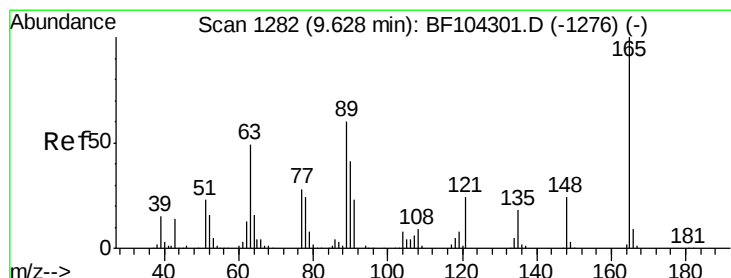
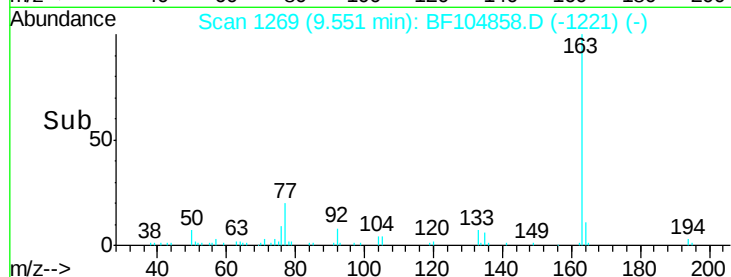
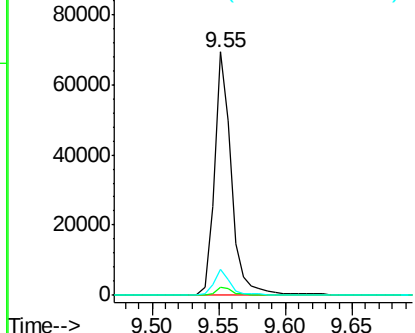
#49
Dimethylphthalate
Concen: 5.069 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 62245
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.6 8.2 12.2

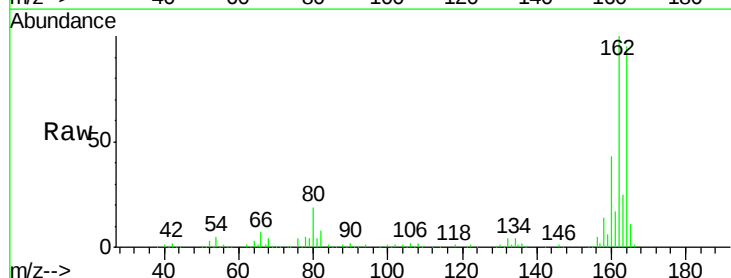


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

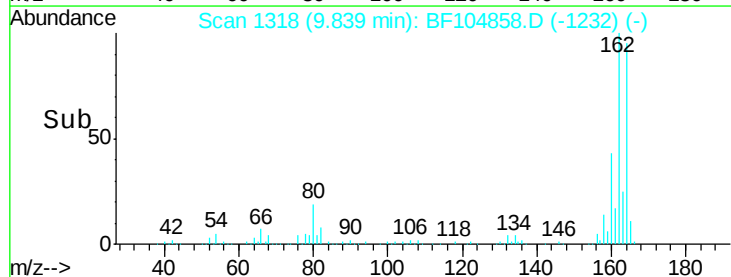
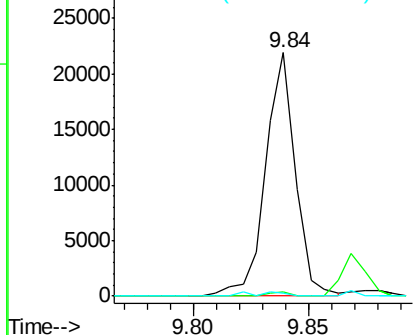


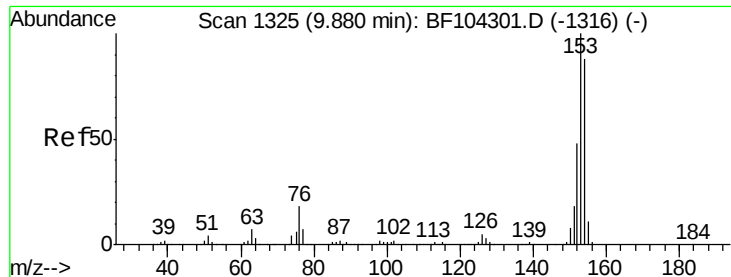
#50
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Tgt Ion:165 Resp: 19721
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.5 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: 3.513 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Instrument :

BNA_F

ClientSampleId :

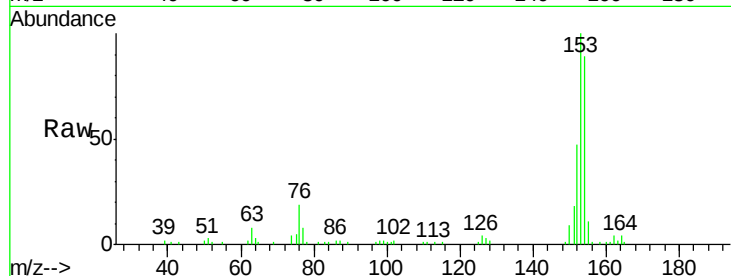
Tot Ion:154 Resp: 34746

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

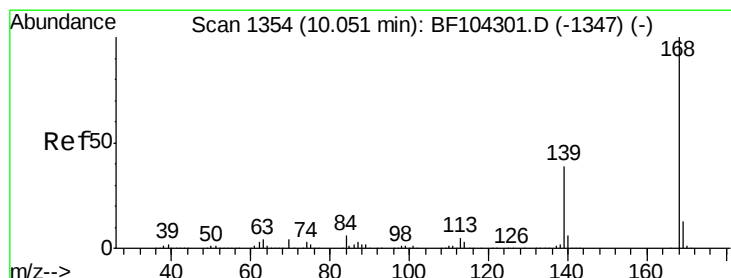
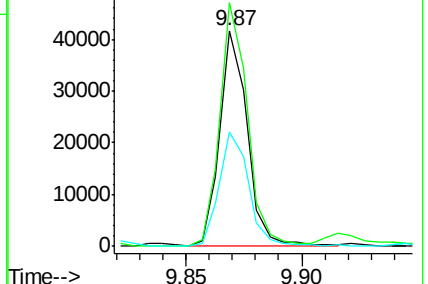
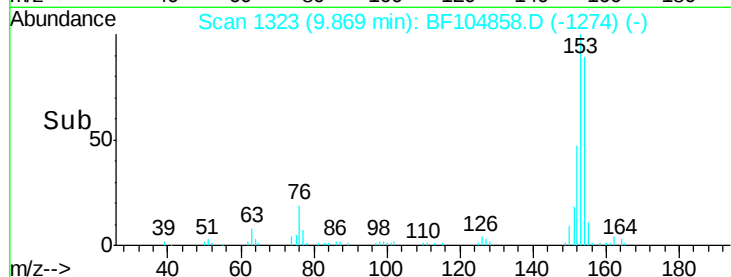
152 52.7 43.8 65.8



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: 2.094 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

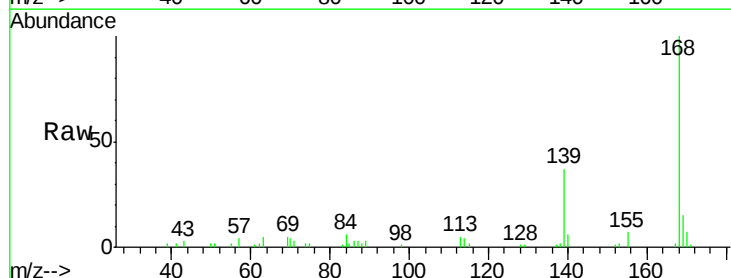
Tgt Ion:168 Resp: 28862

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

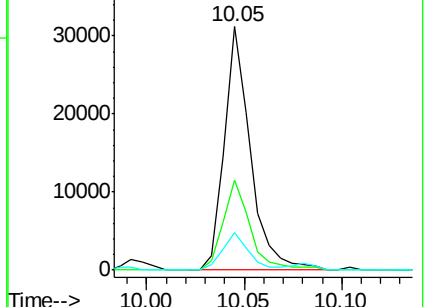
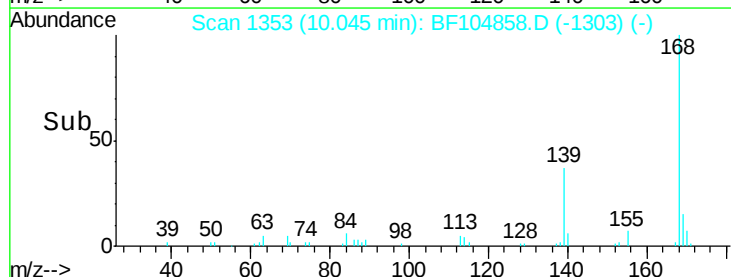
169 15.4 10.9 16.3

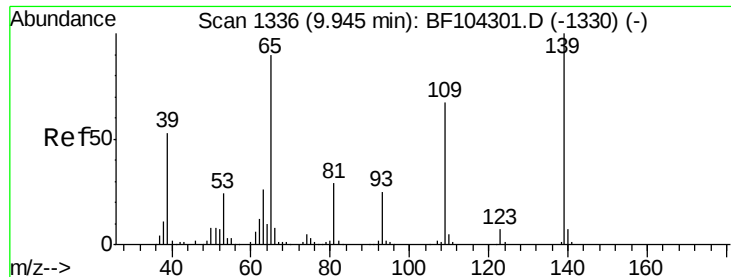


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

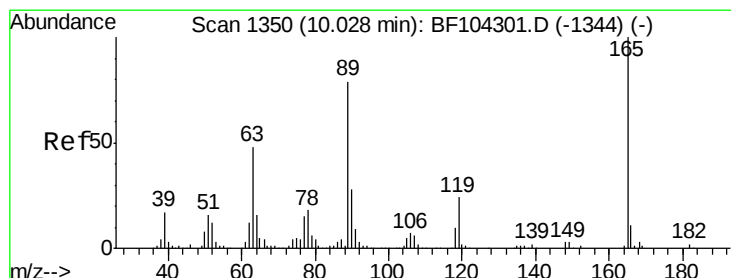
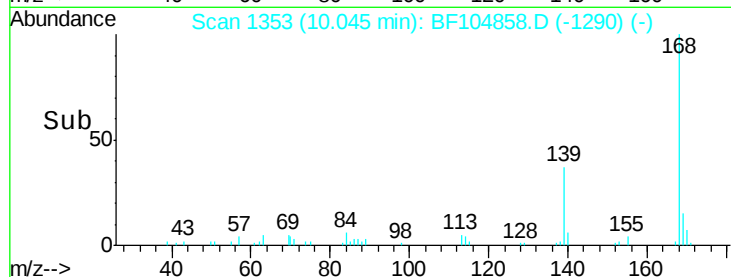
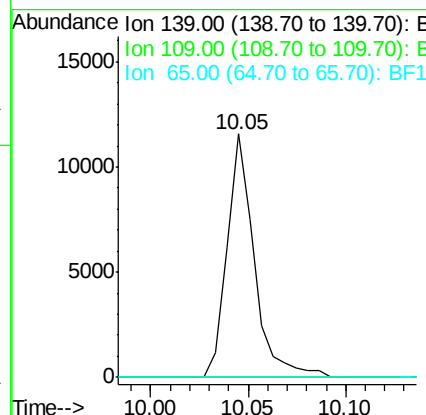
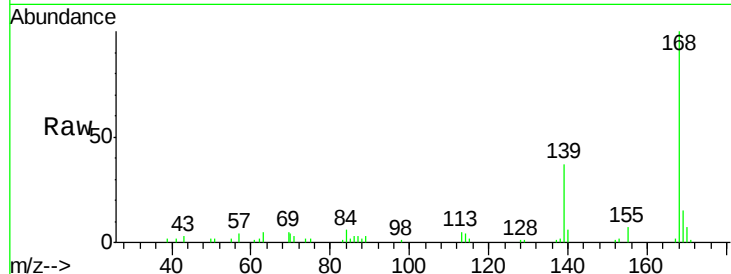




#55
4-Nitrophenol
Concen: 5.344 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.07 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

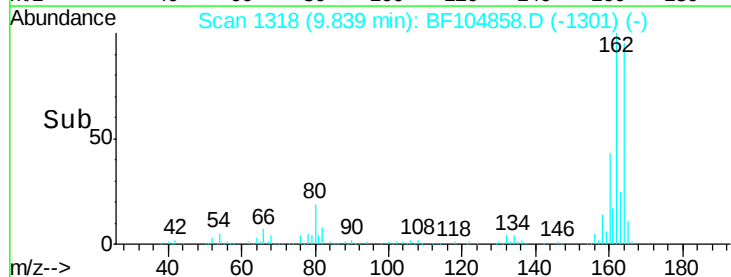
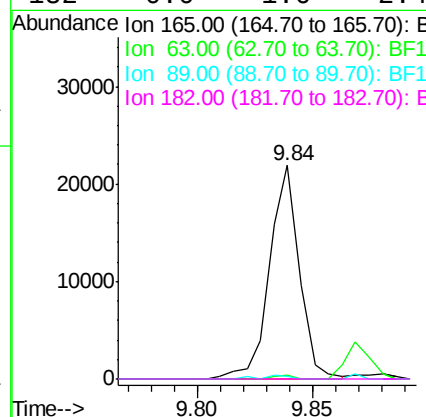
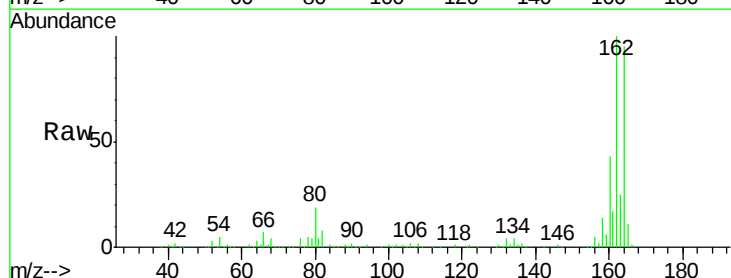
Instrument :
BNA_F
ClientSampleId :

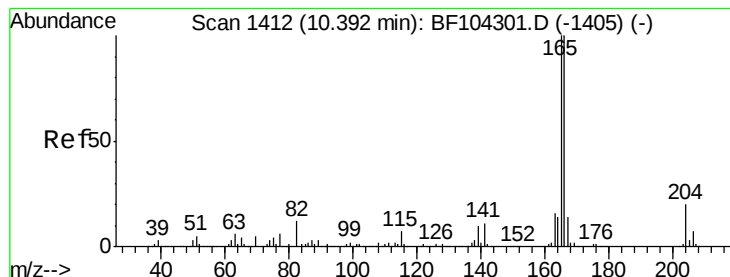
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



#56
2,4-Dinitrotoluene
Concen: 6.617 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#





#57

Fluorene

Concen: 3.337 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Instrument :

BNA_F

ClientSampled :

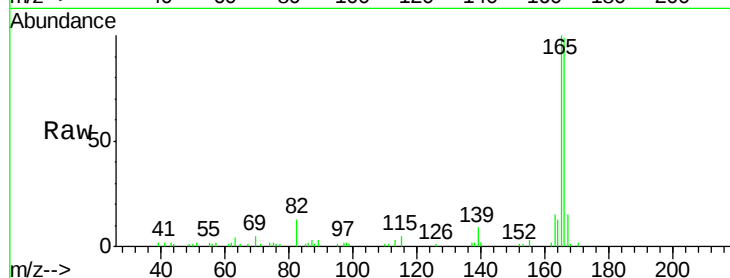
Tot Ion:166 Resp: 33478

Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

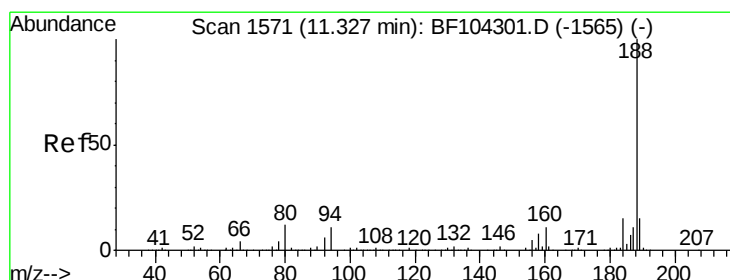
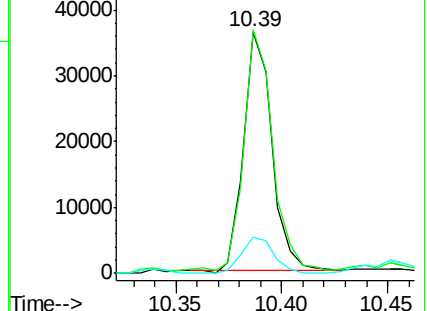
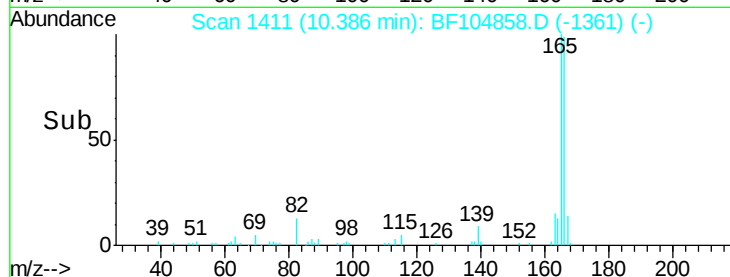
167 14.9 10.6 16.0



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: BF104858.D

Acq: 27 Apr 2018 3:24

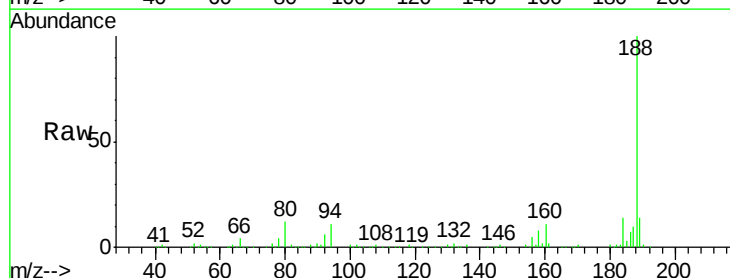
Tgt Ion:188 Resp: 243970

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

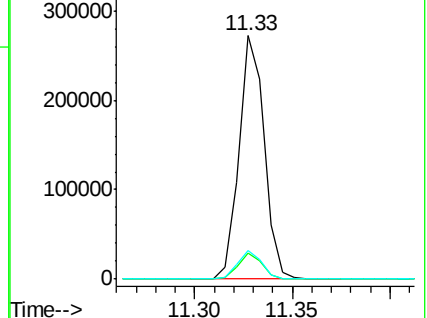
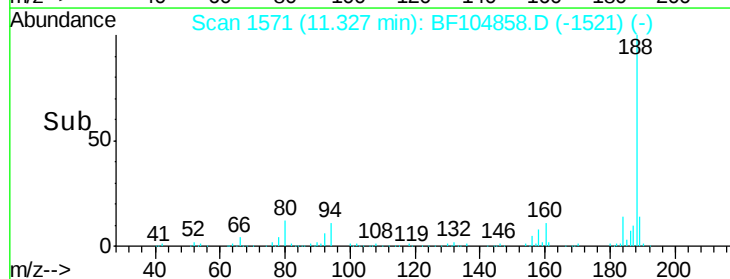
80 11.5 9.2 13.8

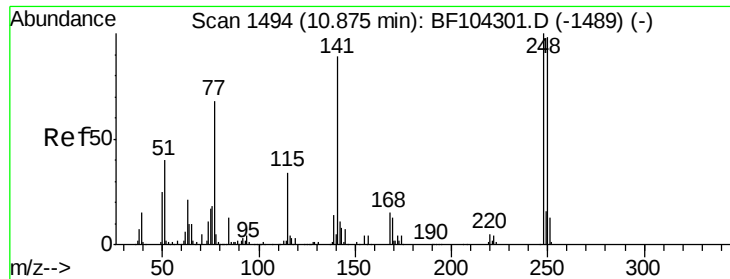


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

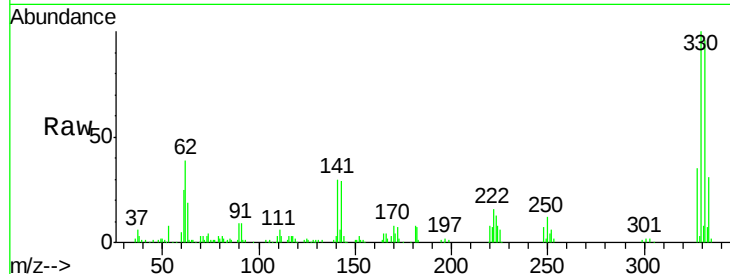




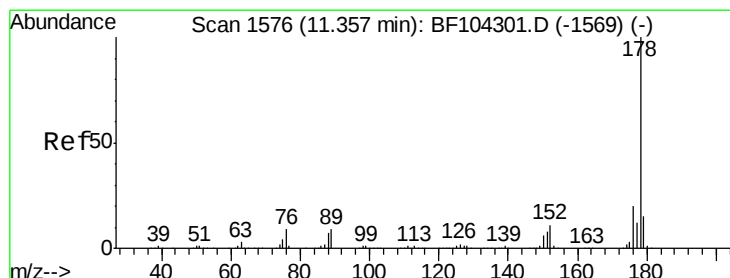
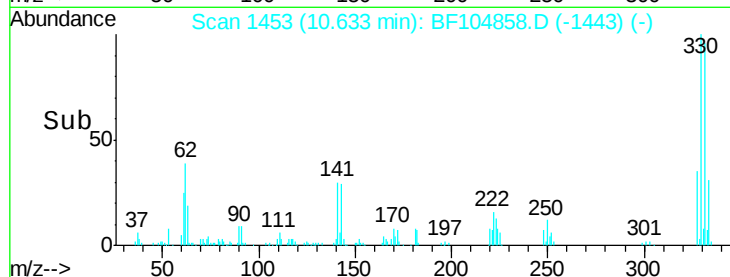
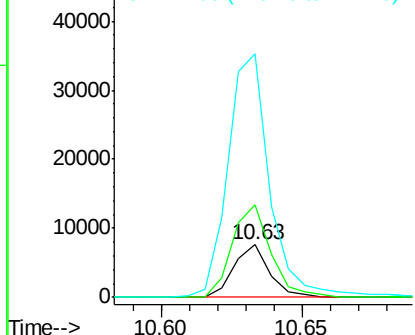
#66
 4-Bromophenyl-phenylether
 Concen: 2.575 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104858.D
 Acq: 27 Apr 2018 3:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6682
 Ion Ratio Lower Upper
 248 100
 250 176.3 76.9 115.3#
 141 461.0 74.4 111.6#

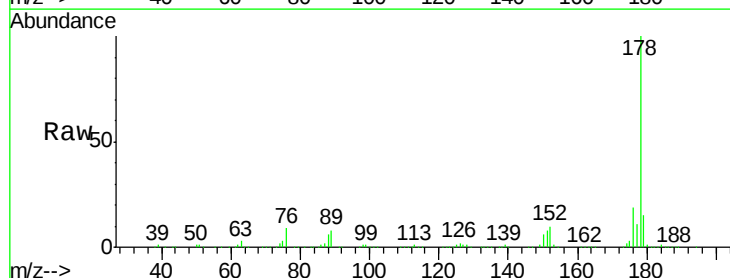


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

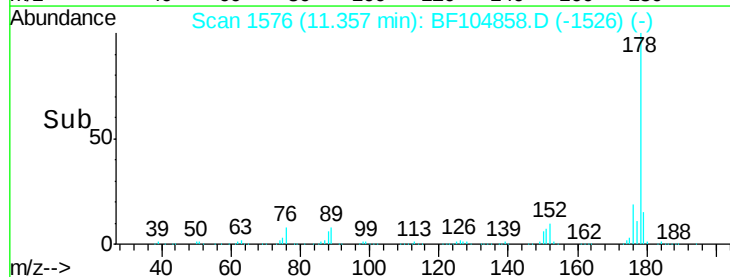
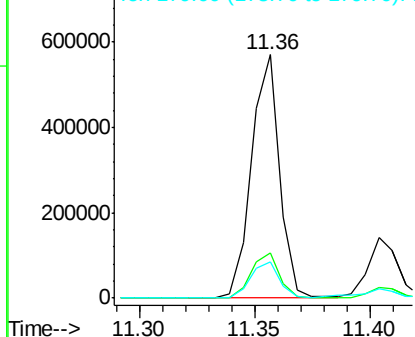


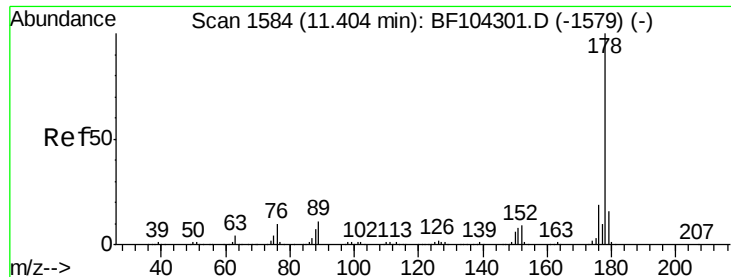
#70
 Phenanthrene
 Concen: 35.832 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104858.D
 Acq: 27 Apr 2018 3:24

Tgt Ion:178 Resp: 486839
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

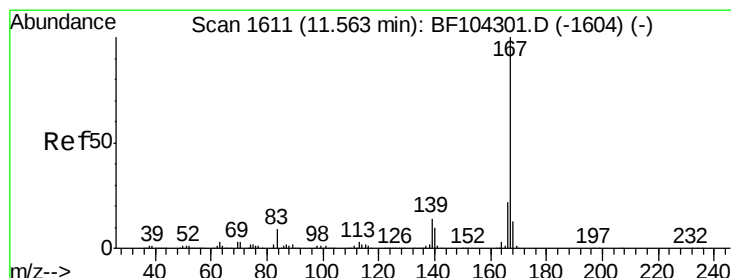
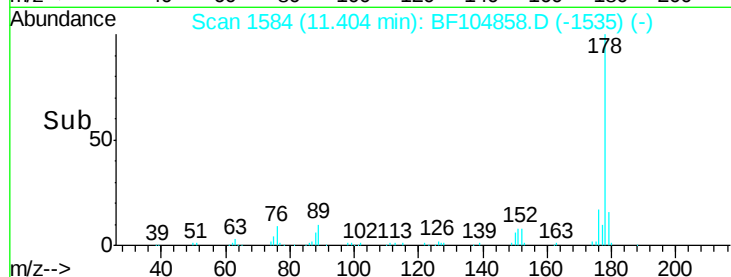
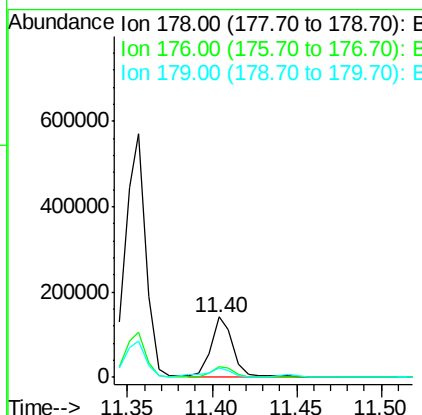
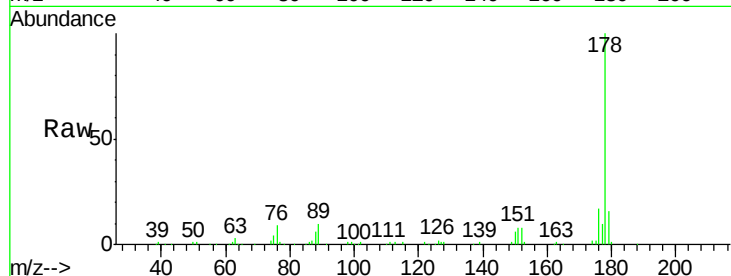




#71
 Anthracene
 Concen: 9.336 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF104858.D
 Acq: 27 Apr 2018 3:24

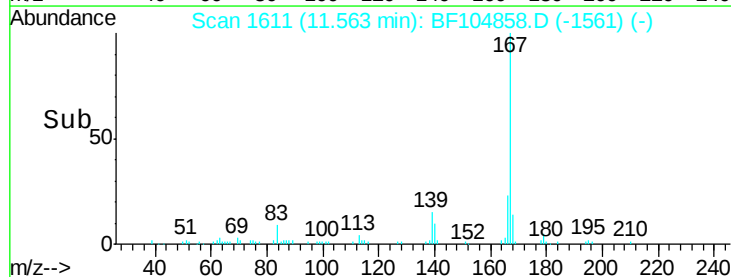
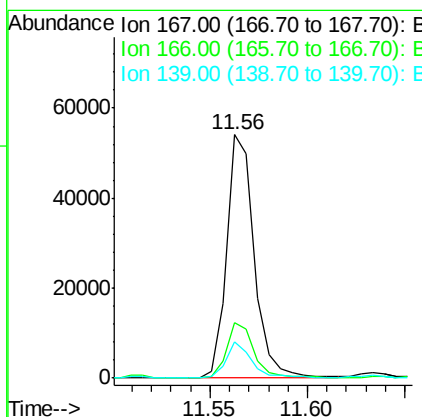
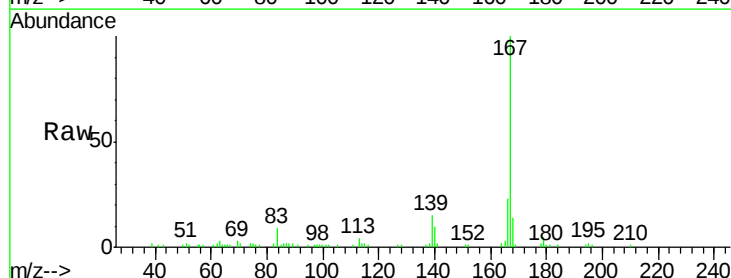
Instrument :
 BNA_F
 ClientSampleId :

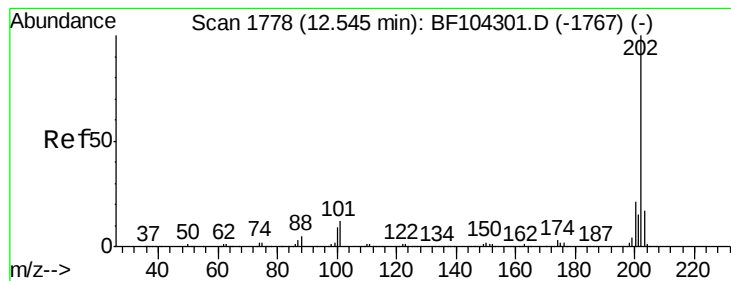
Tot Ion:178 Resp: 128935
 Ion Ratio Lower Upper
 178 100
 176 17.4 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 3.929 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104858.D
 Acq: 27 Apr 2018 3:24

Tgt Ion:167 Resp: 53027
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.8 10.9 16.3





#74

Fluoranthene

Concen: 49.131 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Instrument :

BNA_F

ClientSampleId :

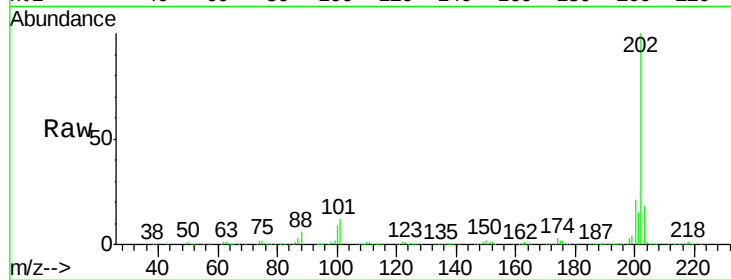
Tot Ion:202 Resp: 697432

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

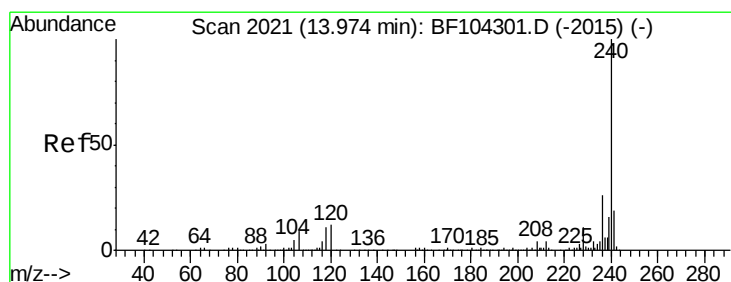
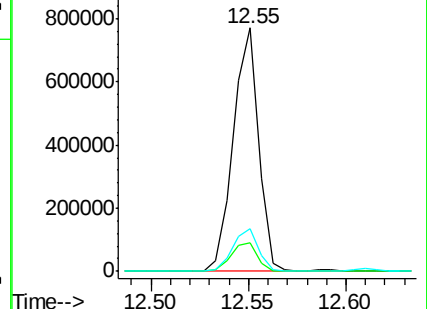
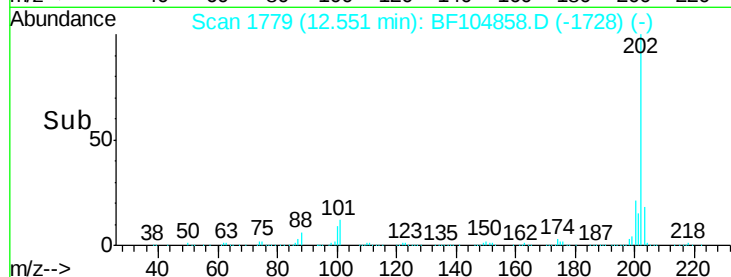
203 17.5 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

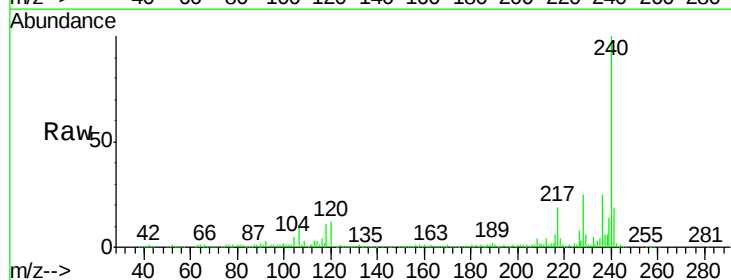
Tgt Ion:240 Resp: 232199

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

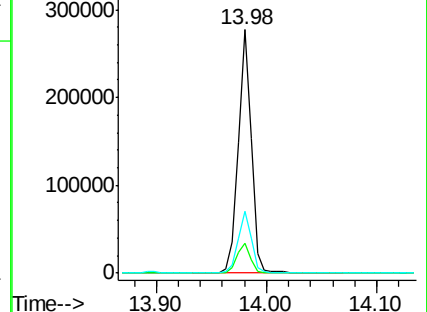
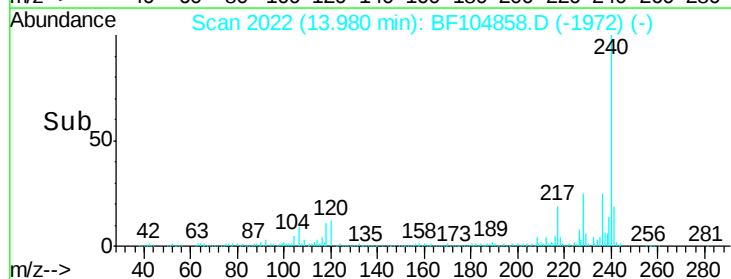
236 25.3 20.7 31.1

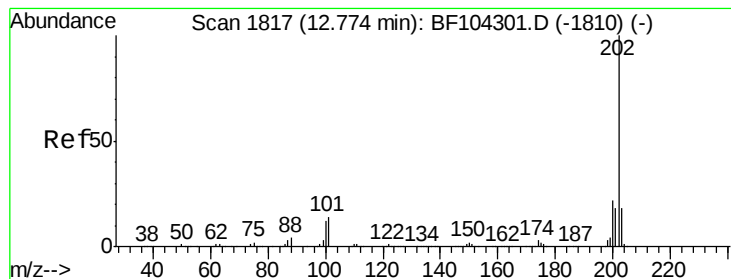


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 35.484 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Instrument :

BNA_F

ClientSampleId :

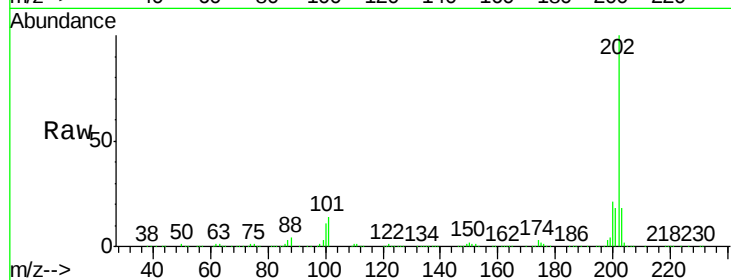
Tot Ion:202 Resp: 610725

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

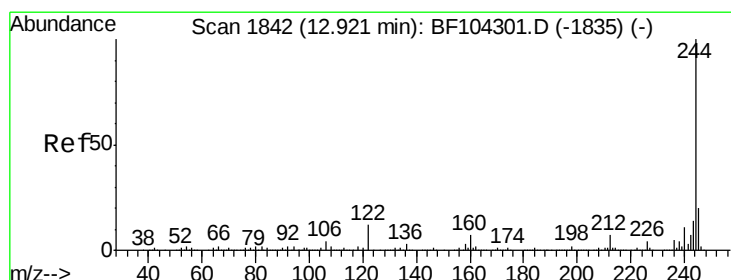
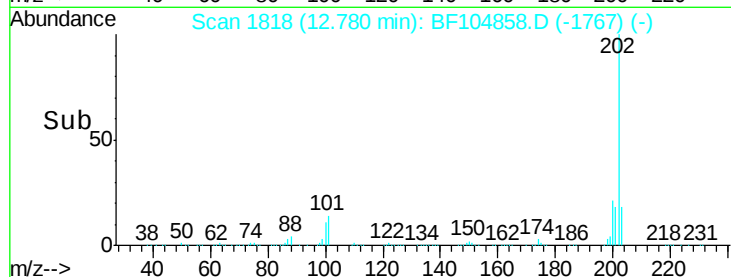
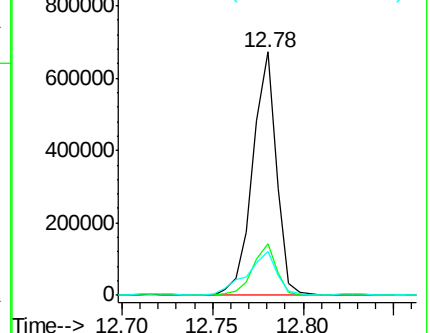
203 17.9 14.3 21.5



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: 47.076 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

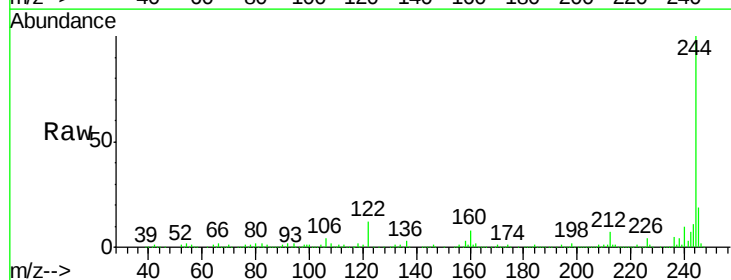
Tgt Ion:244 Resp: 479462

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

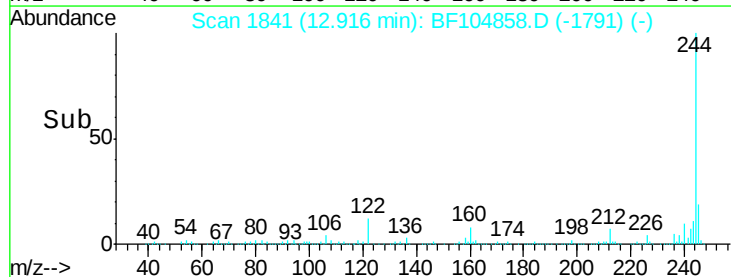
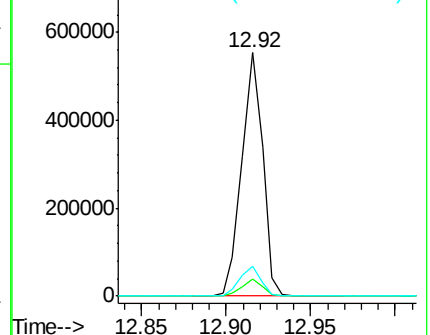
122 12.5 11.0 16.4

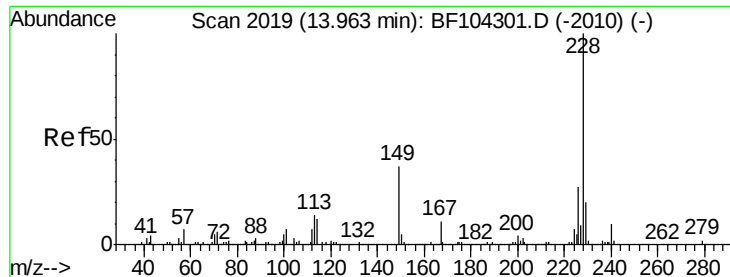


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 25.811 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Instrument :

BNA_F

ClientSampleId :

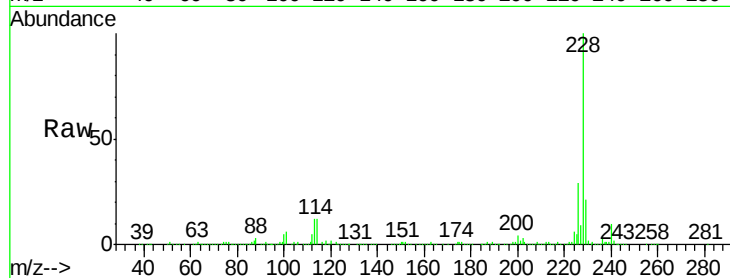
Tot Ion:228 Resp: 358044

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

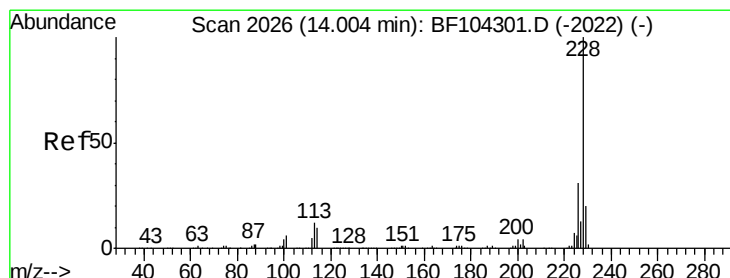
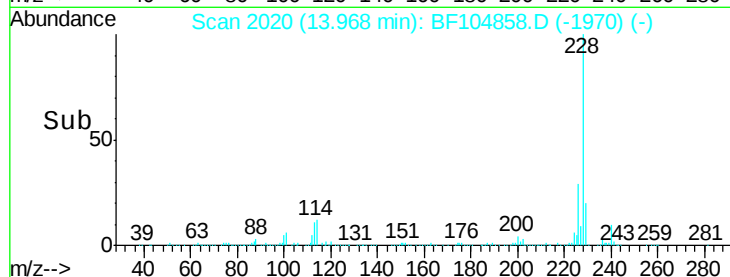
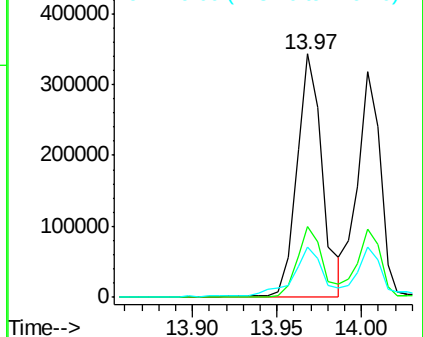
229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 21.025 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

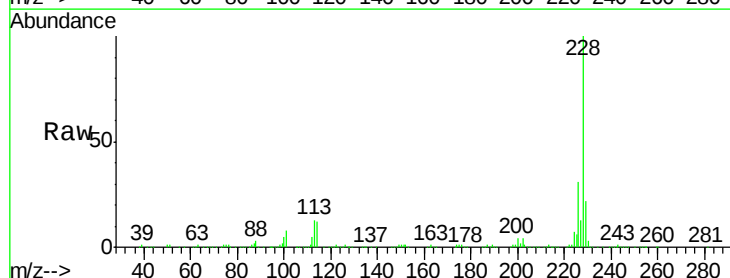
Tgt Ion:228 Resp: 299581

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

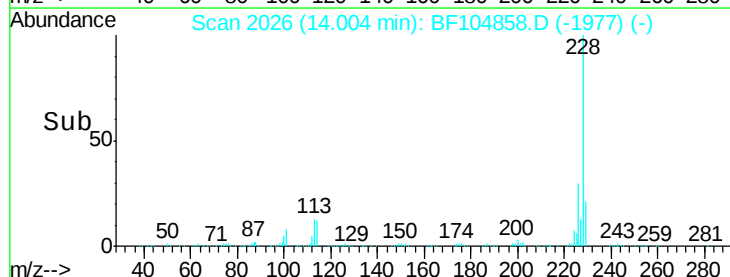
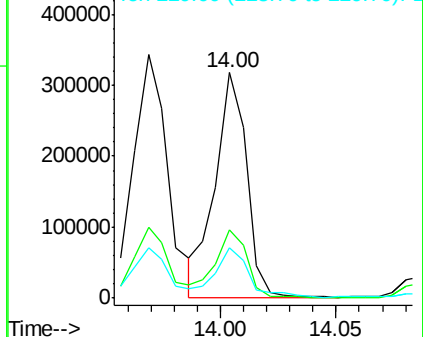
229 22.2 16.2 24.4

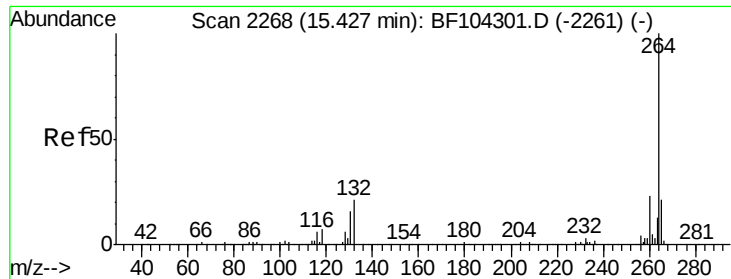


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

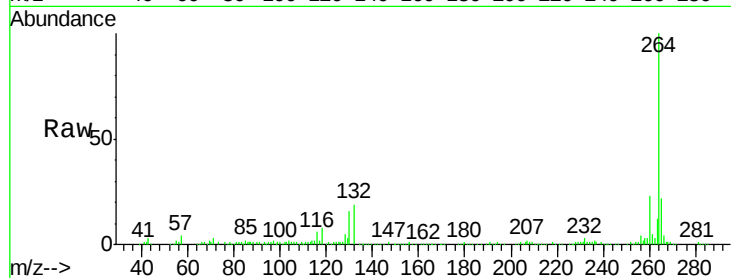




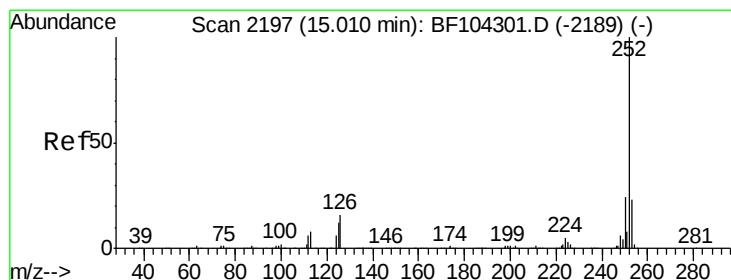
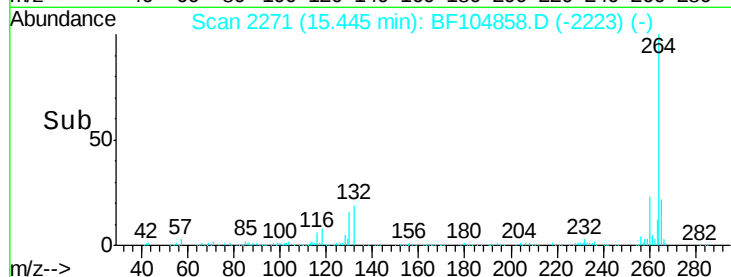
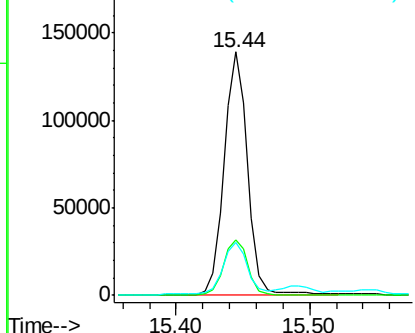
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 172940
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.9 17.5 26.3

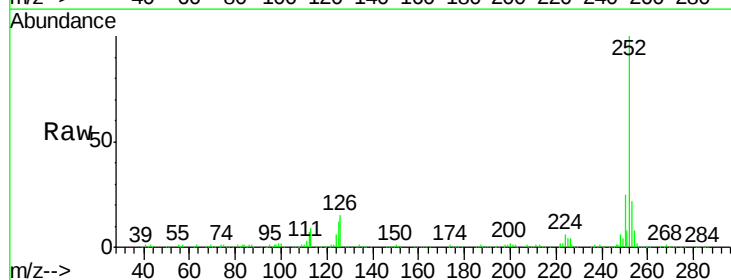


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

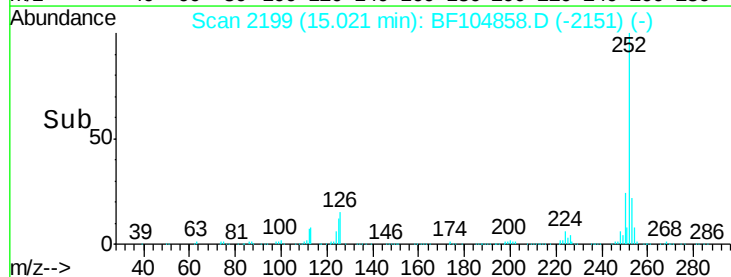
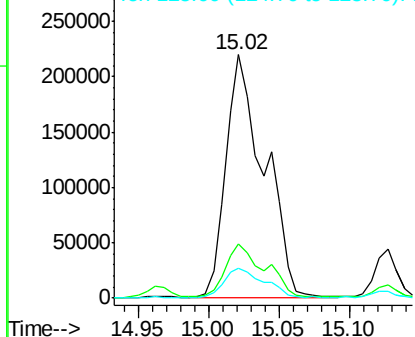


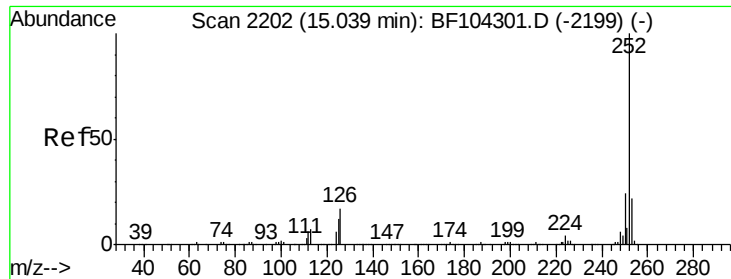
#87
Benzo(b)fluoranthene
Concen: 38.048 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Tgt Ion:252 Resp: 415584
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.5 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

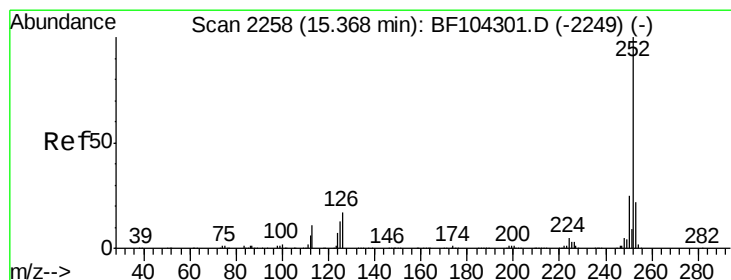
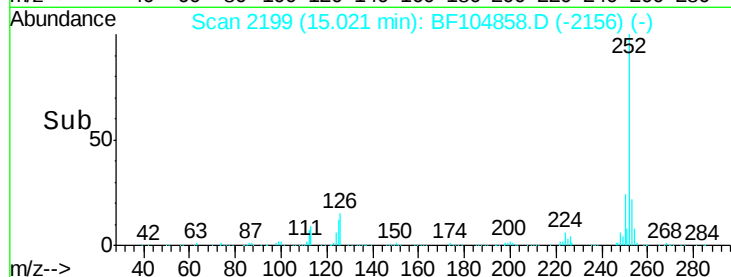
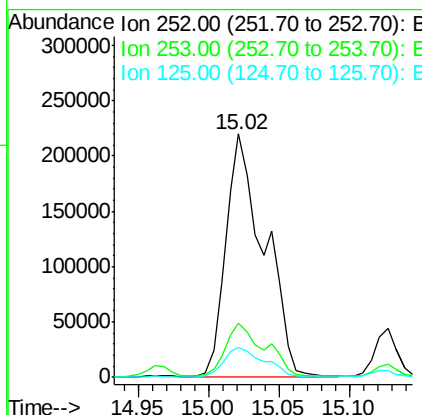
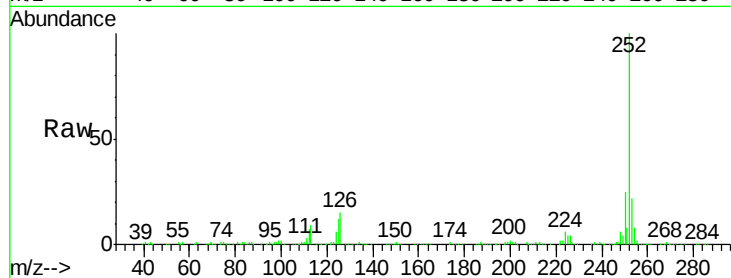




#88
Benzo(k)fluoranthene
Concen: 40.301 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.05 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

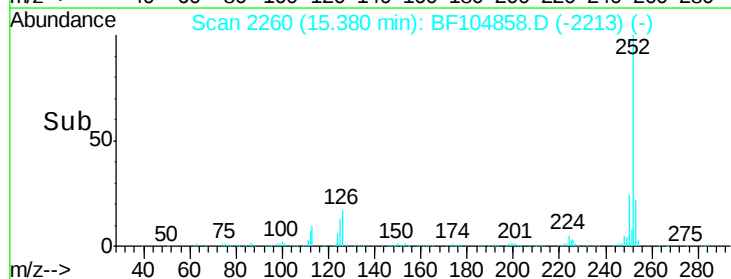
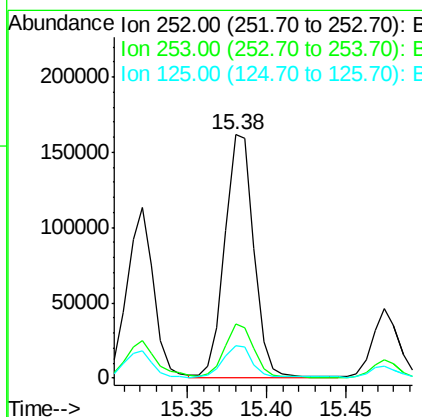
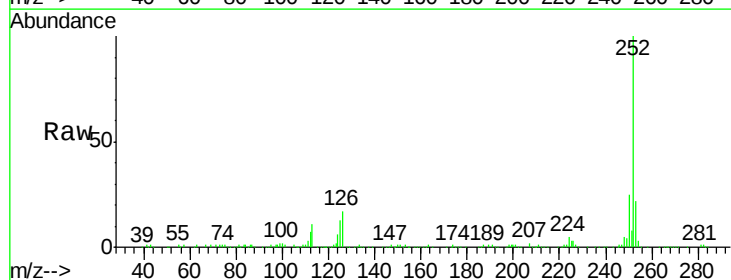
Instrument :
BNA_F
ClientSampled :

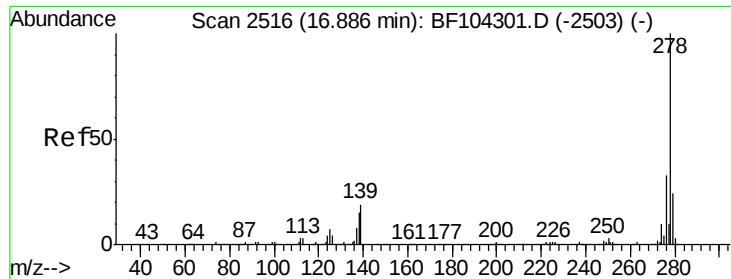
Tot Ion:252 Resp: 415584
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.5 10.2 15.2



#89
Benzo(a)pyrene
Concen: 21.023 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF104858.D
Acq: 27 Apr 2018 3:24

Tgt Ion:252 Resp: 205459
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.1 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.273 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.13 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

Instrument :

BNA_F

ClientSampleId :

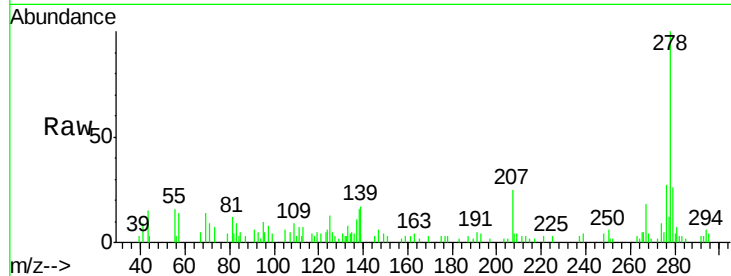
Tot Ion:278 Resp: 26269

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

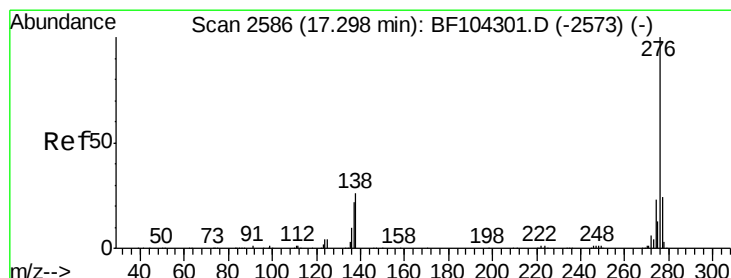
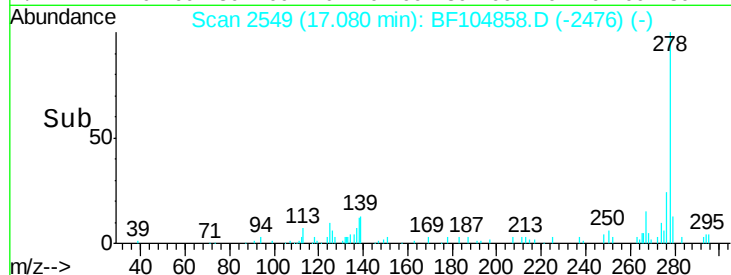
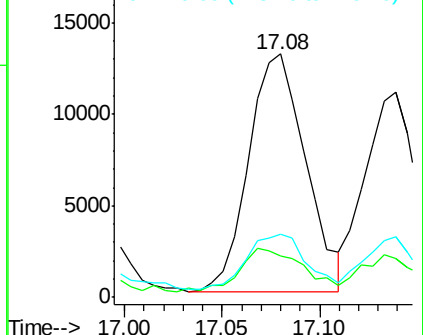
279 25.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 12.392 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.03 min

Lab File: BF104858.D

Acq: 27 Apr 2018 3:24

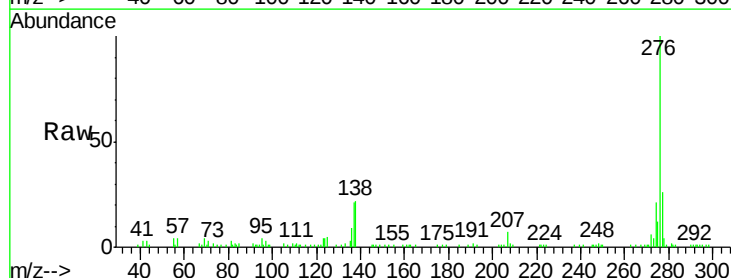
Tgt Ion:276 Resp: 96362

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 22.5 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

