

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104638.D
 Acq On : 19 Apr 2018 19:51
 Operator : JU/SJ
 Sample : J2387-09RX
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 00:56:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

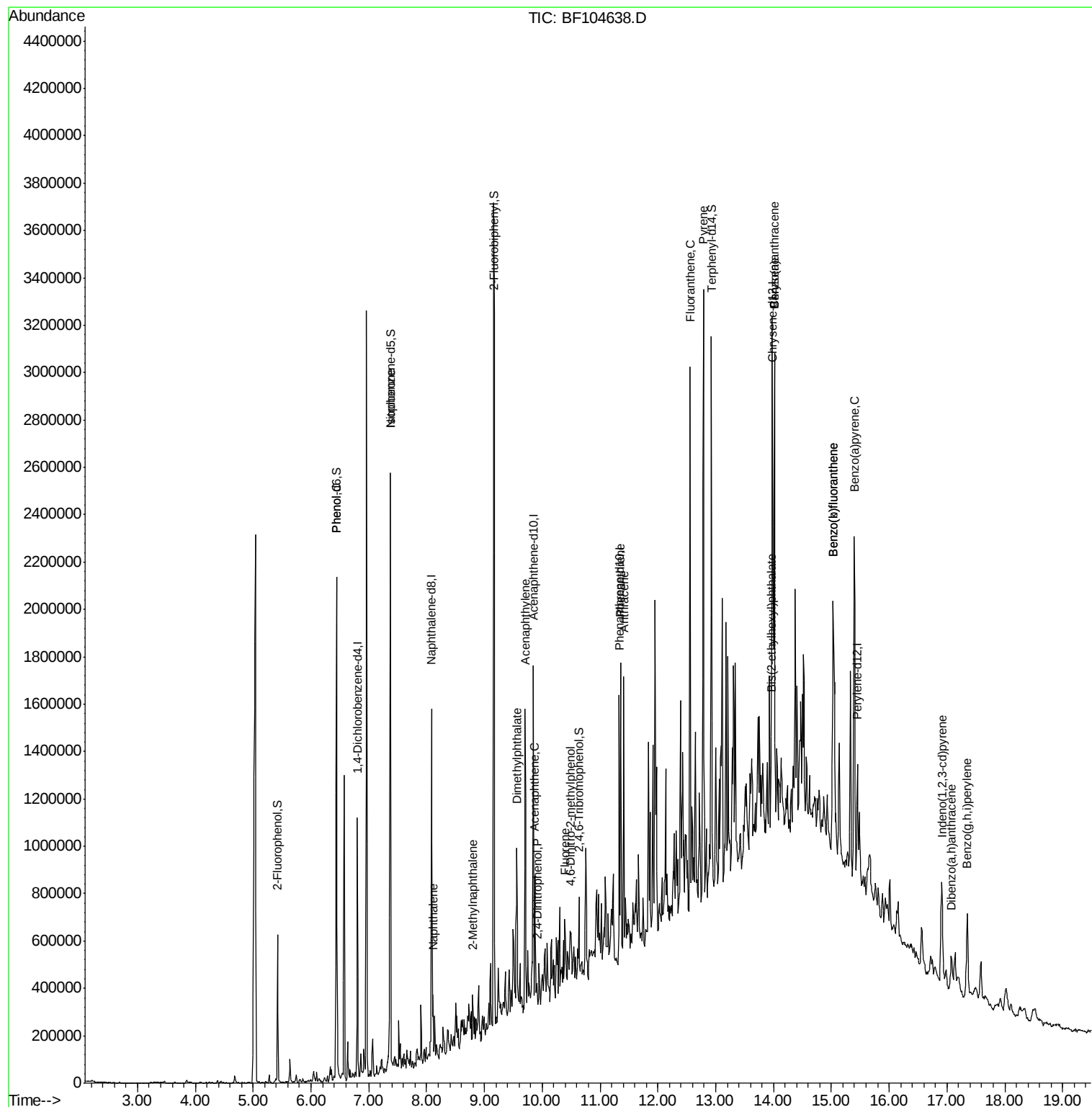
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	154531	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	615198	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	265882	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	391338	20.00	ng	0.00
75) Chrysene-d12	13.99	240	257308	20.00	ng	0.00
86) Perylene-d12	15.46	264	220433	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	173395	17.16	ng	0.00
7) Phenol-d6	6.45	99	845289	68.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	950946	100.93	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	32468	11.77	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1191118	70.77	ng	0.00
78) Terphenyl-d14	12.93	244	881870	78.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	5281	Below Cal		Qvalue # 54
10) Phenol	6.45	94	50644	3.844	ng	88
25) Isophorone	7.37	82	948095	47.588	ng	# 64
31) Naphthalene	8.11	128	96536	3.151	ng	99
37) 2-Methylnaphthalene	8.80	142	43888	2.215	ng	95
48) Acenaphthylene	9.70	152	453881	16.397	ng	99
49) Dimethylphthalate	9.56	163	115342	5.501	ng	# 99
51) Acenaphthene	9.87	154	89363	5.291	ng	99
53) 2,4-Dinitrophenol	9.90	184	126	5.243	ng	# 1
57) Fluorene	10.39	166	86601	5.055	ng	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	334	7.495	ng	# 1
70) Phenanthrene	11.36	178	434882	19.955	ng	99
71) Anthracene	11.41	178	433564	19.571	ng	99
74) Fluoranthene	12.56	202	875137	38.434	ng	98
76) Benzdine	12.71	184	1839	Below Cal		# 1
77) Pyrene	12.79	202	1231410	64.564	ng	99
80) Benzo(a)anthracene	14.02	228	802198	52.186	ng	94
82) Chrysene	14.02	228	802198	50.807	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	62831	5.436	ng	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	277248	20.671	ng	94
87) Benzo(b)fluoranthene	15.03	252	965422	69.344	ng	# 93
88) Benzo(k)fluoranthene	15.03	252	964825	73.405	ng	# 96
89) Benzo(a)pyrene	15.40	252	762756	61.232	ng	96
90) Dibenzo(a,h)anthracene	17.08	278	99792	9.754	ng	93
91) Benzo(g,h,i)perylene	17.35	276	286197	28.874	ng	96

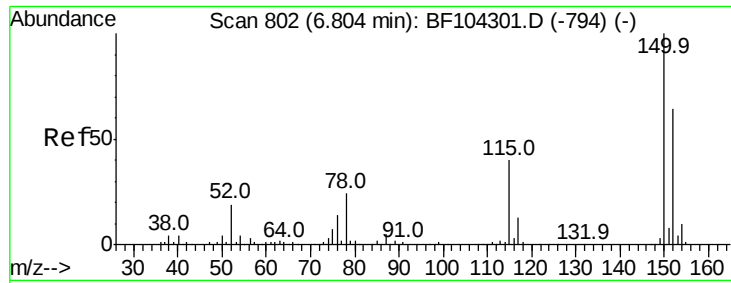
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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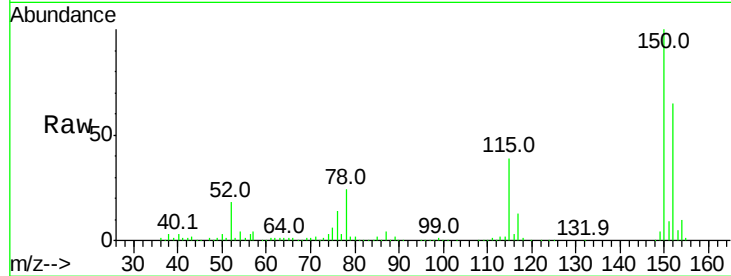


#1

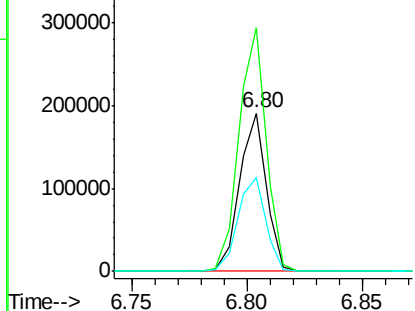
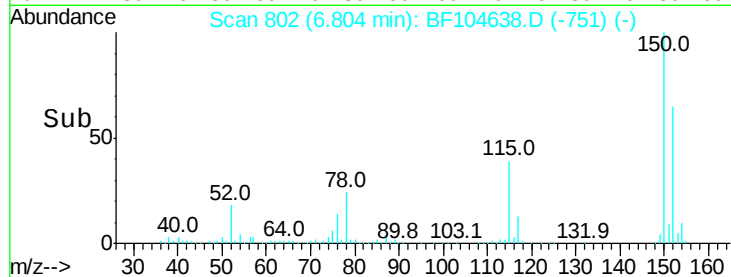
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104638.D
Acq: 19 Apr 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154531
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 59.6 50.1 75.1



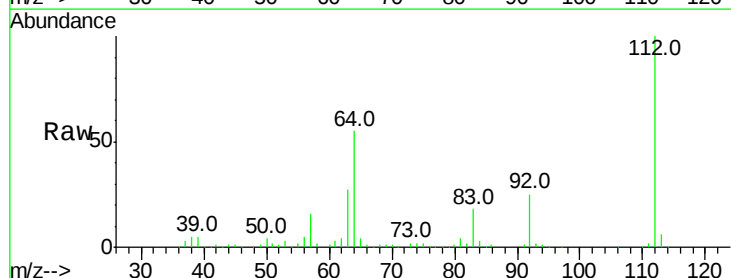
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



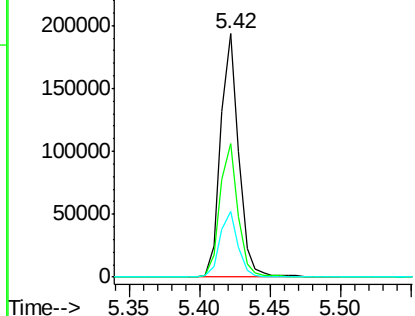
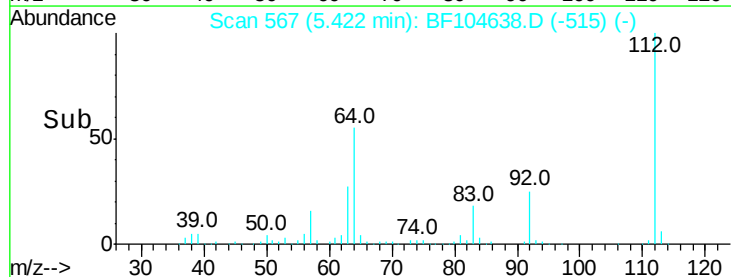
#5

2-Fluorophenol
Concen: 17.157 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104638.D
Acq: 19 Apr 2018 19:51

Tgt Ion:112 Resp: 173395
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 26.9 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: 68.073 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

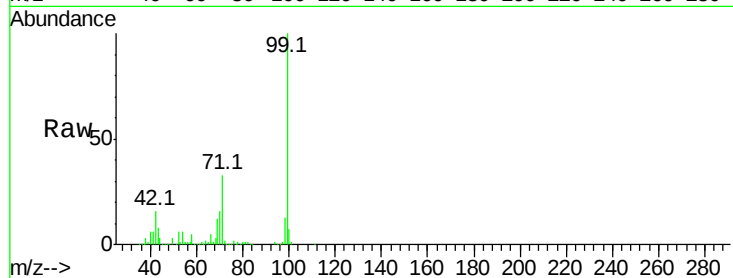
Tot Ion: 99 Resp: 845289

Ion Ratio Lower Upper

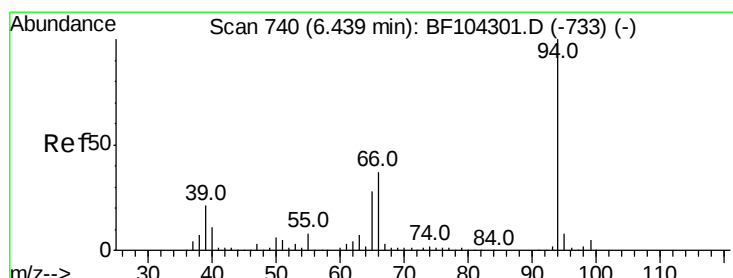
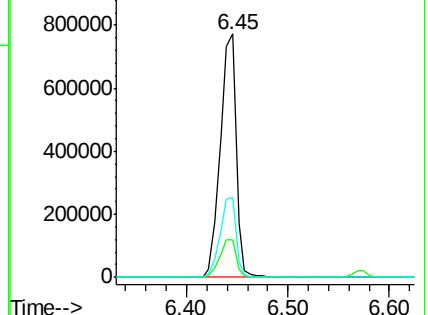
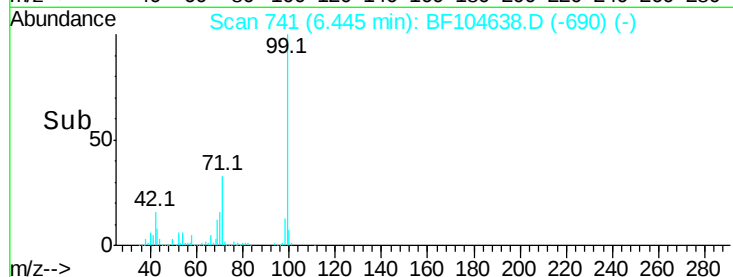
99 100

42 15.6 14.5 21.7

71 32.9 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



#10

Phenol

Concen: 3.844 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

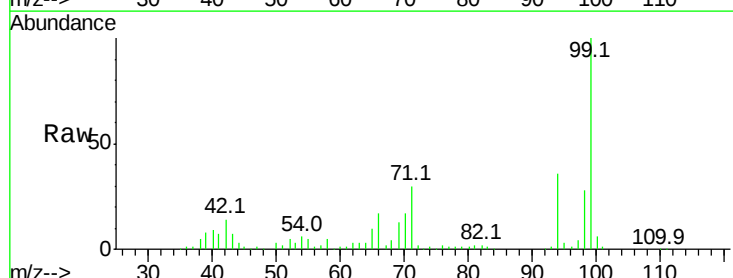
Tgt Ion: 94 Resp: 50644

Ion Ratio Lower Upper

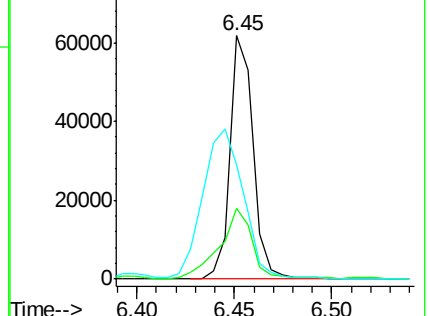
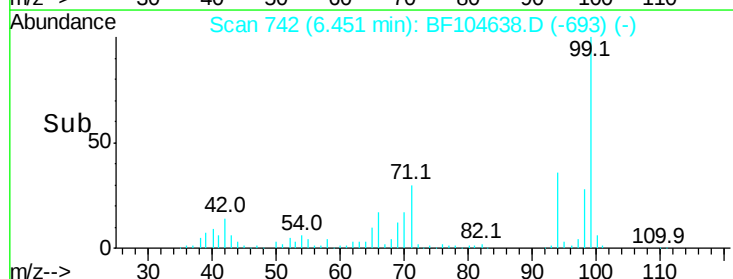
94 100

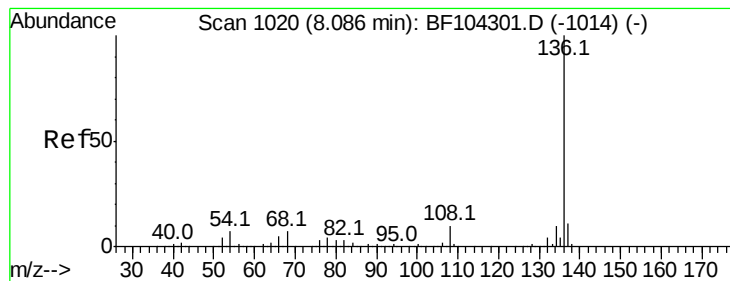
65 29.2 7.9 47.9

66 47.2 16.2 56.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 615198

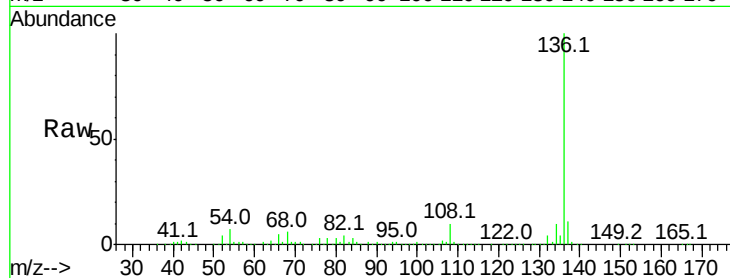
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.3 6.6 9.8

68 6.3 5.0 7.4

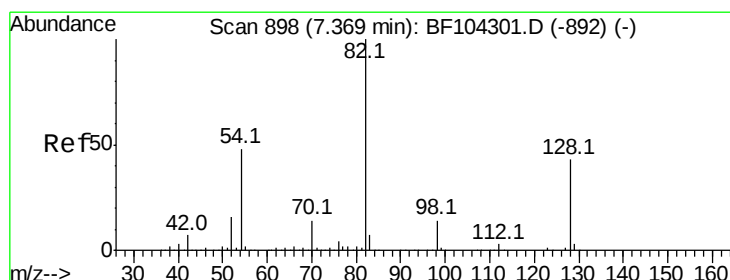
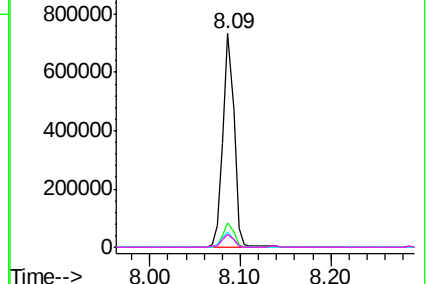
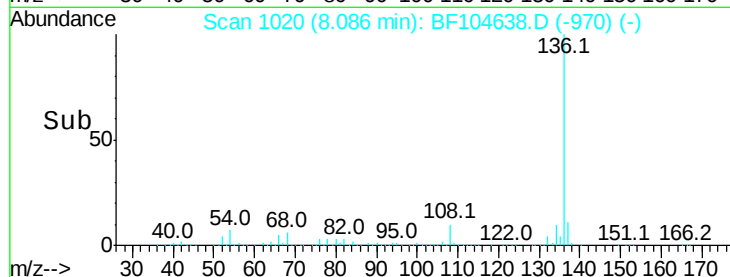


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.935 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

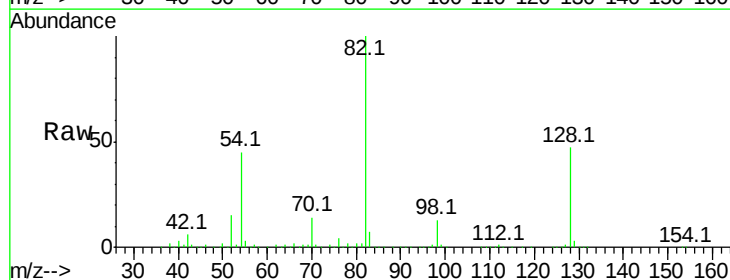
Tgt Ion: 82 Resp: 950946

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

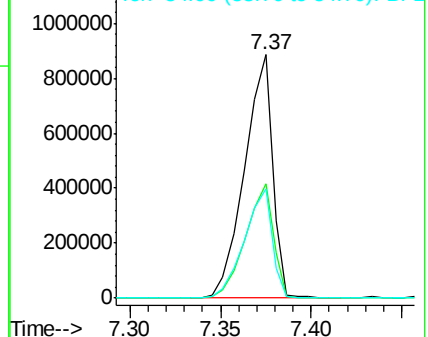
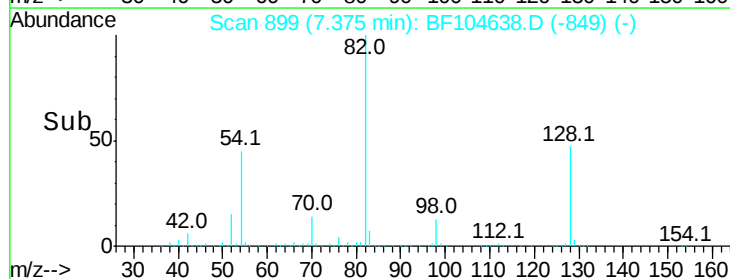
54 45.0 41.4 62.2

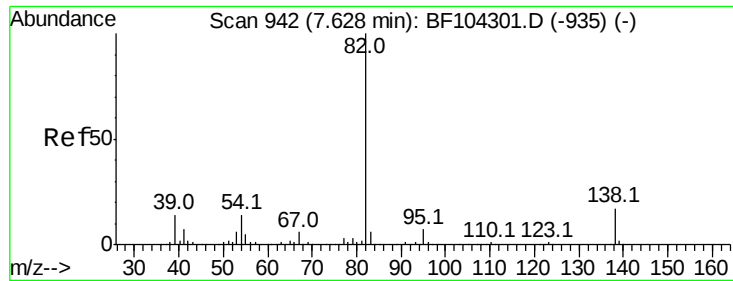


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.588 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

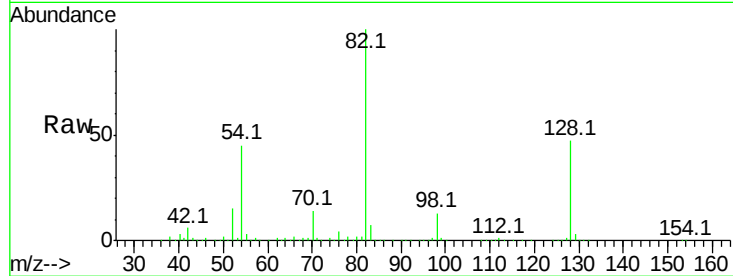
Tot Ion: 82 Resp: 948095

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

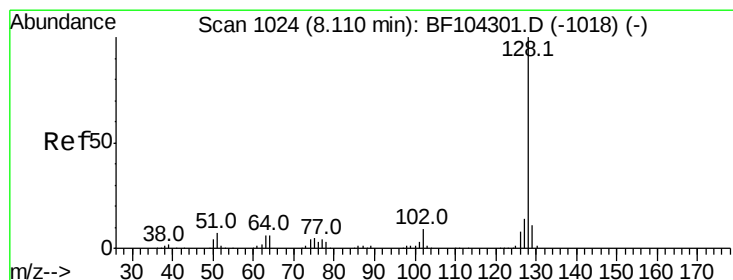
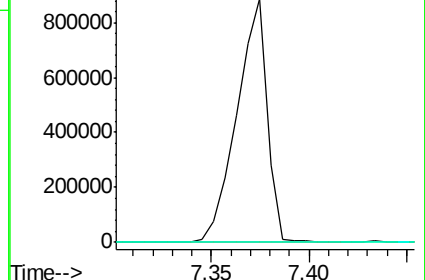
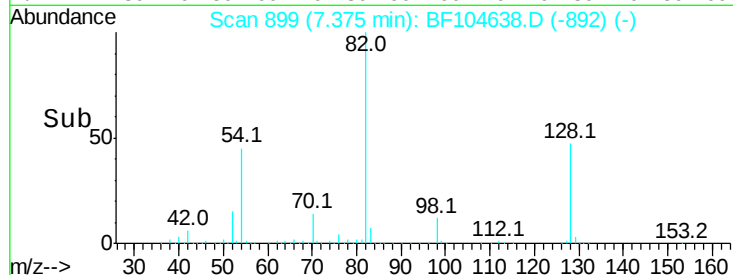
138 0.0 14.9 22.3#



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: 3.151 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

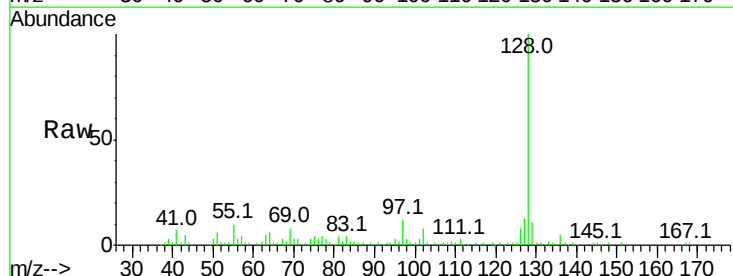
Tgt Ion:128 Resp: 96536

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

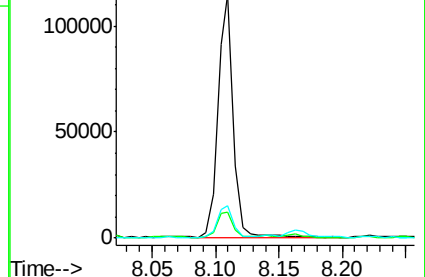
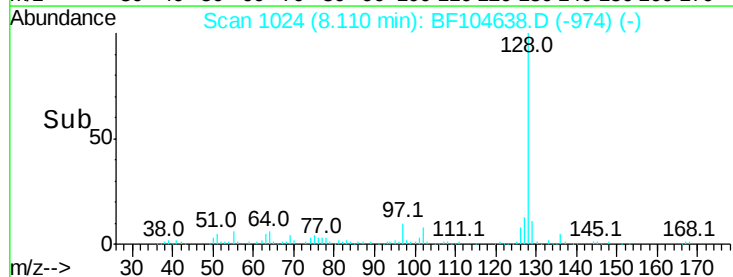
127 13.4 10.9 16.3

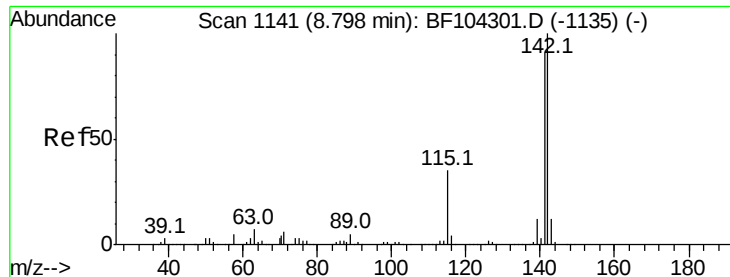


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

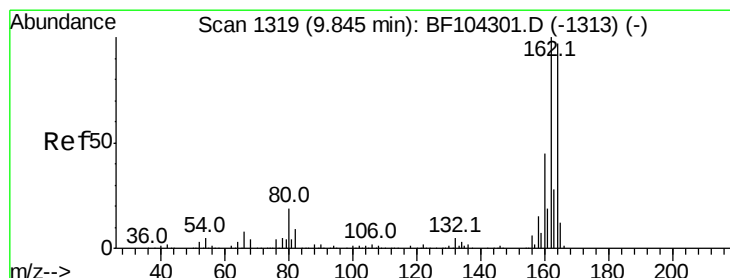
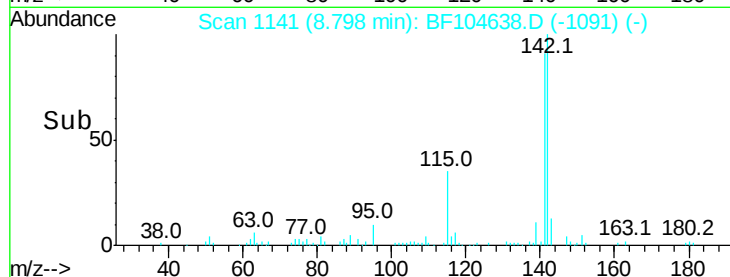
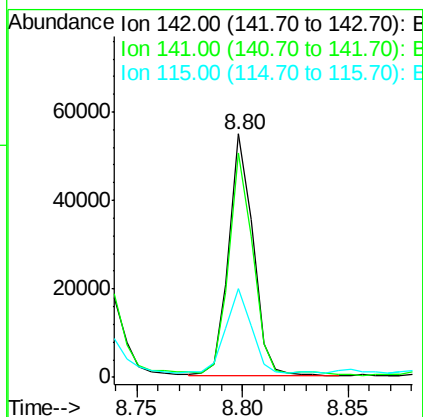
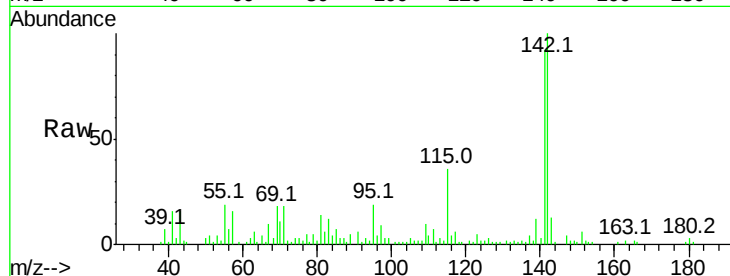




#37
 2-Methylnaphthalene
 Concen: 2.215 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

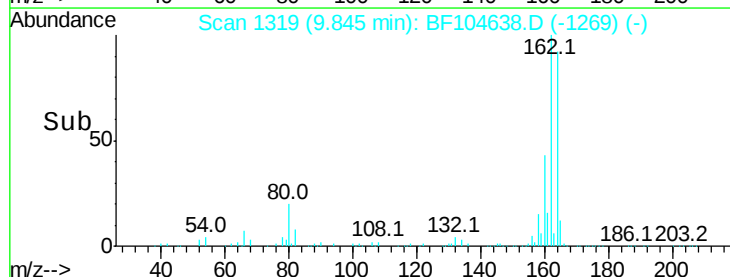
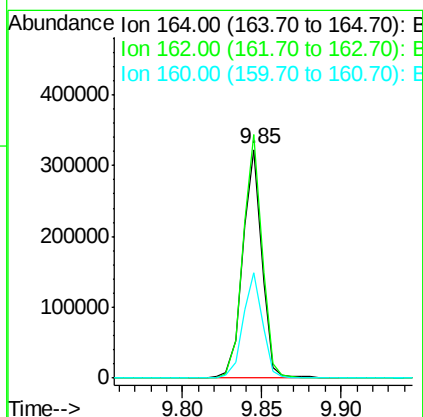
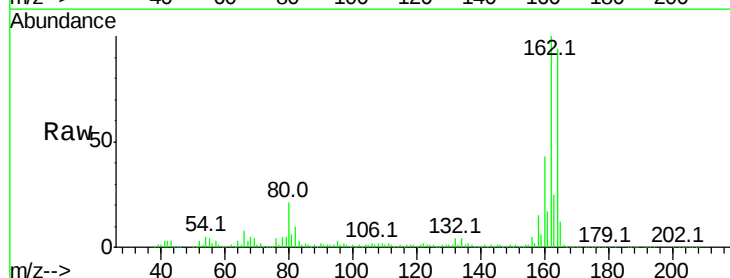
Instrument :
 BNA_F
 ClientSampleId :

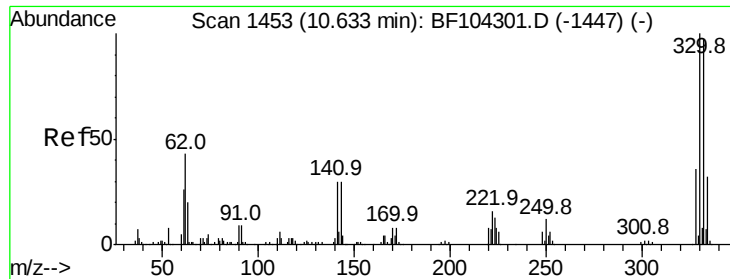
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.8	106.2
115	36.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.1	38.3	57.5

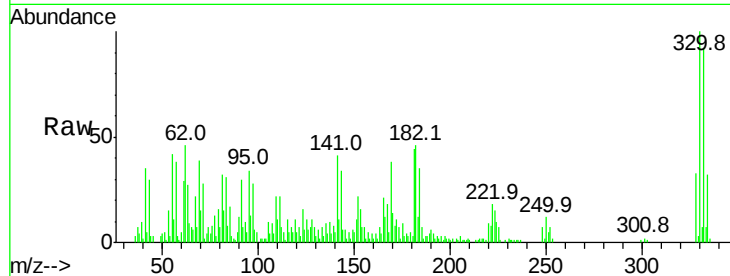




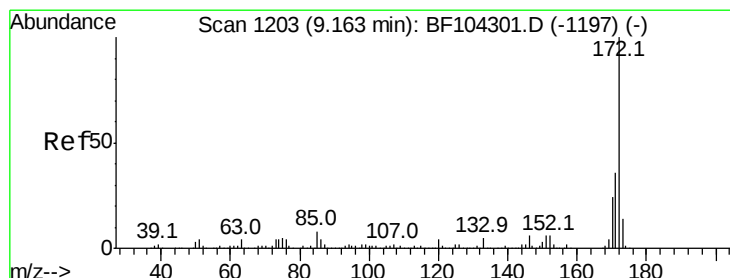
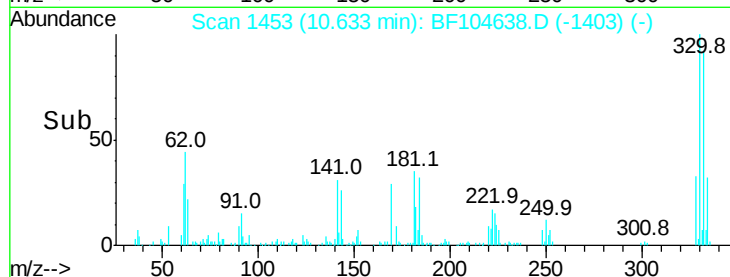
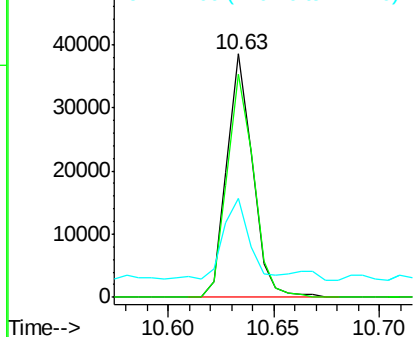
#41
 2,4,6-Tribromophenol
 Concen: 11.772 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 32468
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 33.1 29.9 44.9

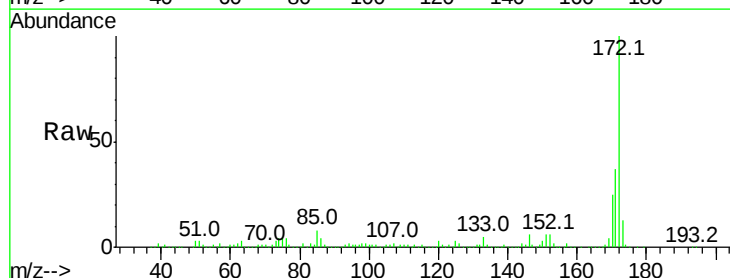


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

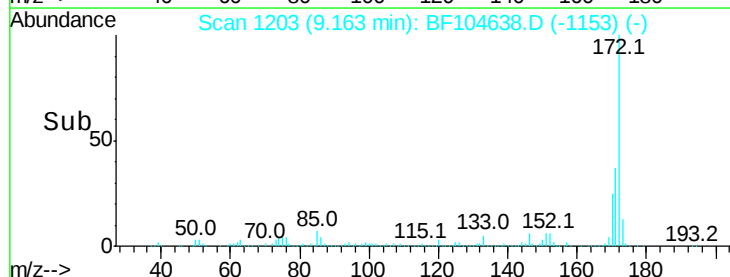
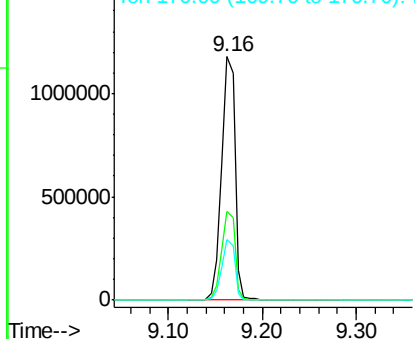


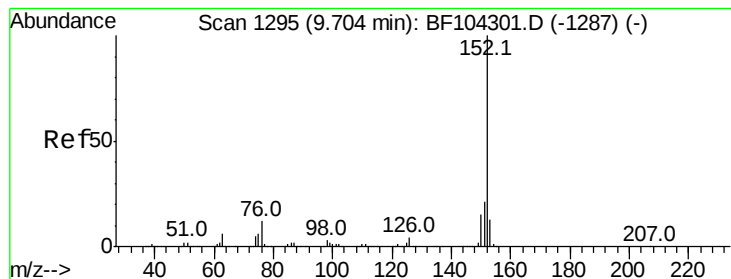
#44
 2-Fluorobiphenyl
 Concen: 70.771 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

Tgt Ion:172 Resp: 1191118
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.7 19.6 29.4



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





#48

Acenaphthylene

Concen: 16.397 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

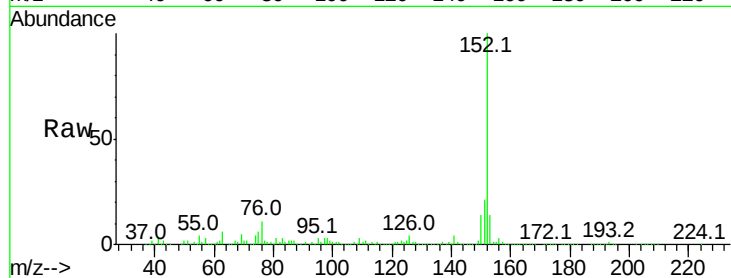
Tot Ion:152 Resp: 453881

Ion Ratio Lower Upper

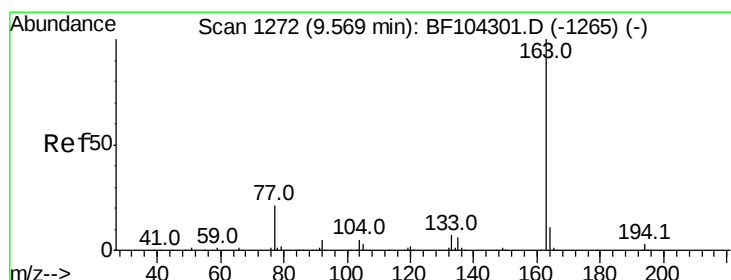
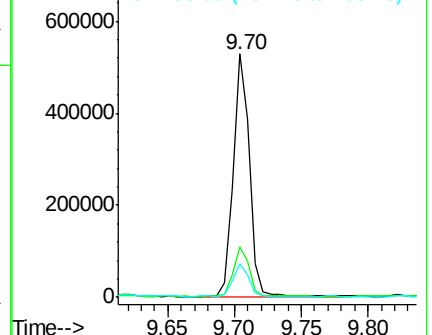
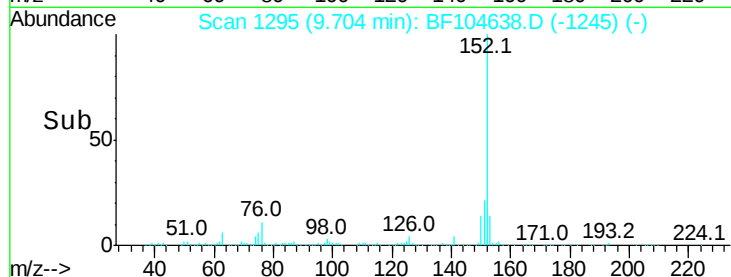
152 100

151 20.9 16.3 24.5

153 14.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.501 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

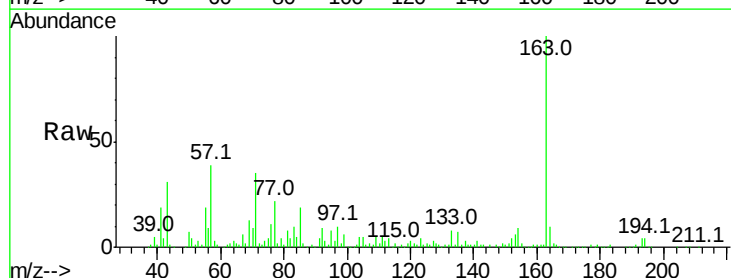
Tgt Ion:163 Resp: 115342

Ion Ratio Lower Upper

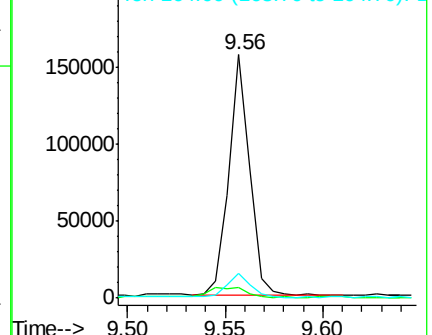
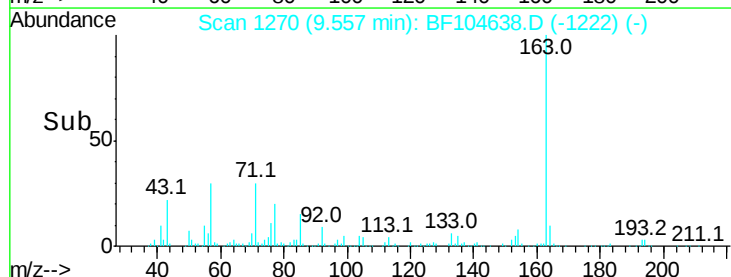
163 100

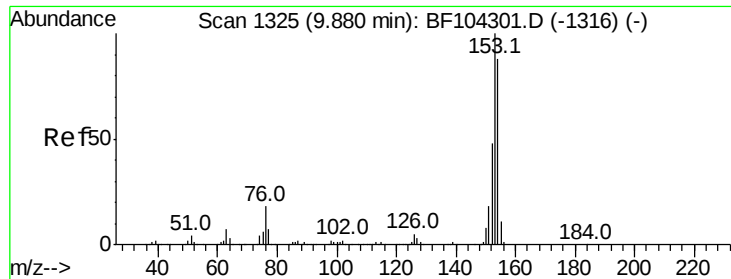
194 4.5 2.7 4.1#

164 10.3 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





#51

Acenaphthene

Concen: 5.291 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

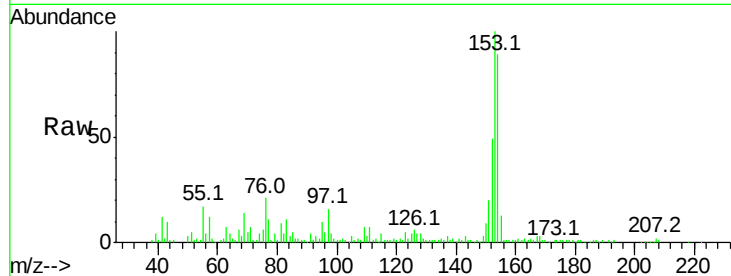
Tot Ion:154 Resp: 89363

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

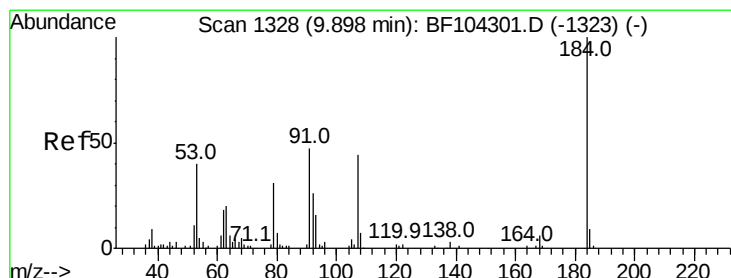
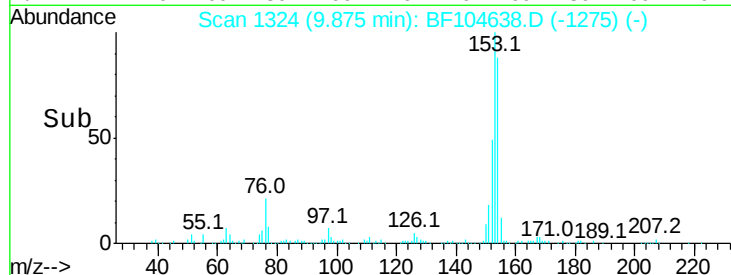
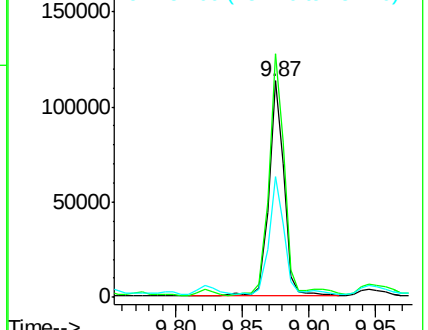
152 55.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 5.243 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

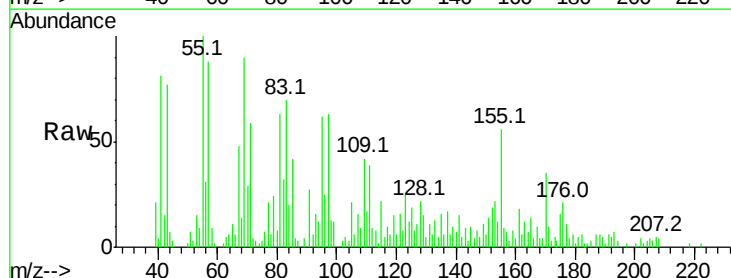
Tgt Ion:184 Resp: 126

Ion Ratio Lower Upper

184 100

63 266.9 54.2 81.2#

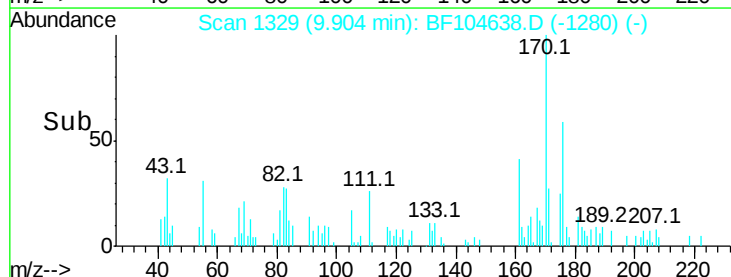
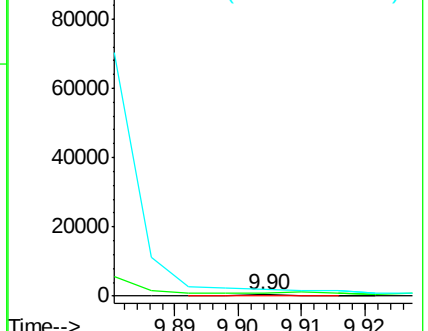
154 599.7 184.0 276.0#

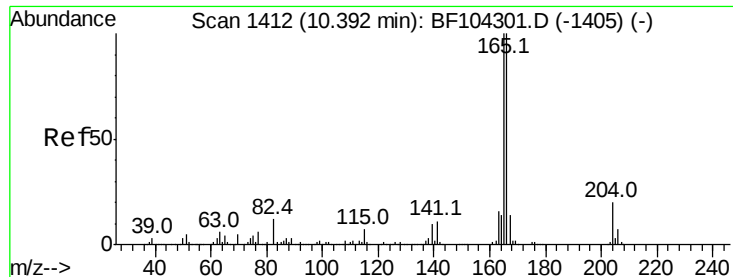


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

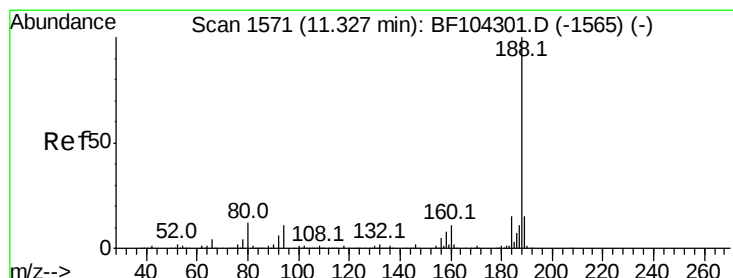
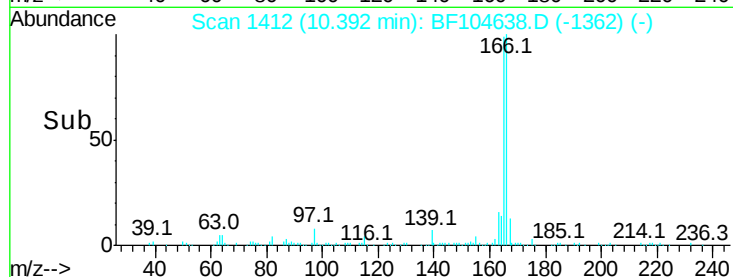
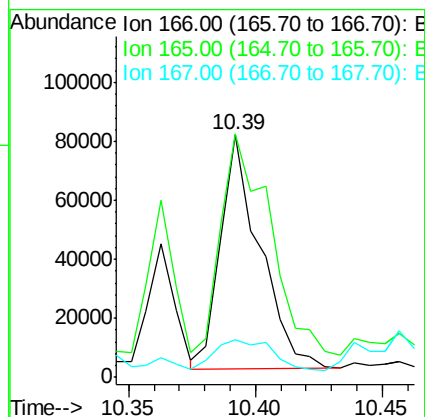
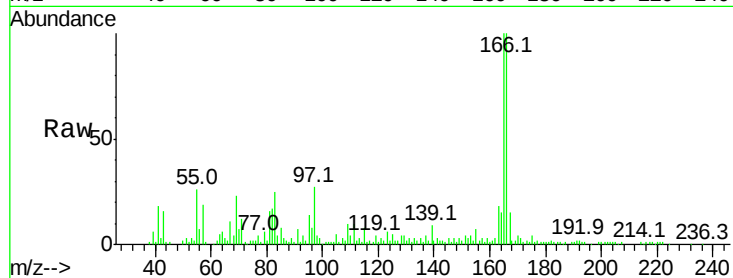




#57
Fluorene
 Concen: 5.055 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

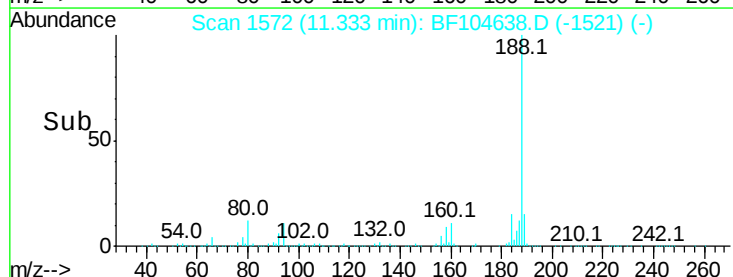
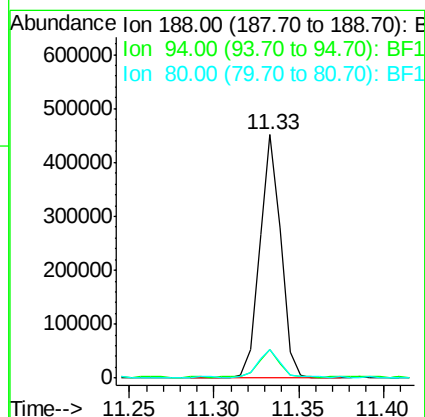
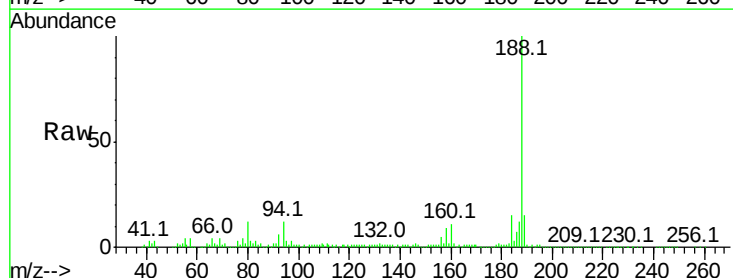
Instrument :
 BNA_F
 ClientSampleId :

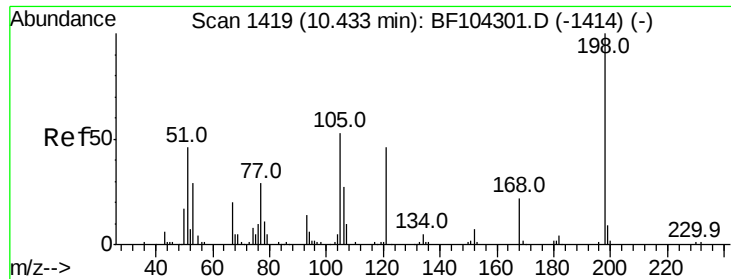
Tot Ion:166 Resp: 86601
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.8 119.8
 167 15.5 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

Tgt Ion:188 Resp: 391338
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.5 12.7
 80 11.9 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.495 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.02 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampled :

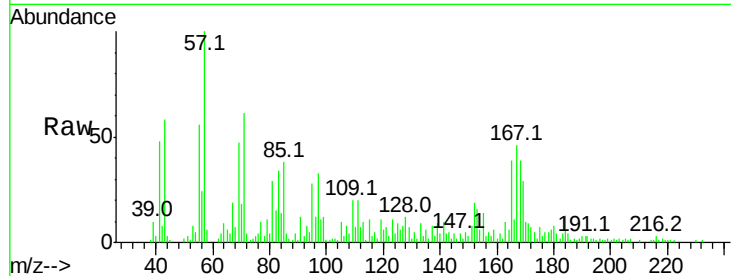
Tot Ion:198 Resp: 334

Ion Ratio Lower Upper

198 100

51 279.6 37.7 77.7#

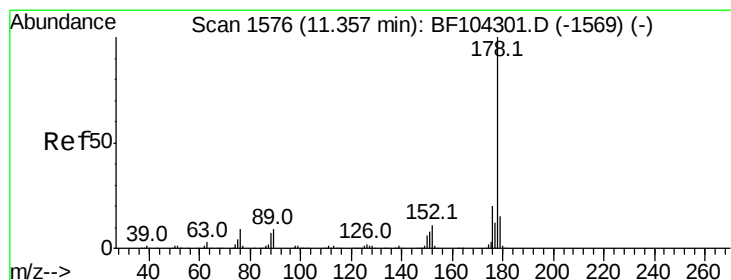
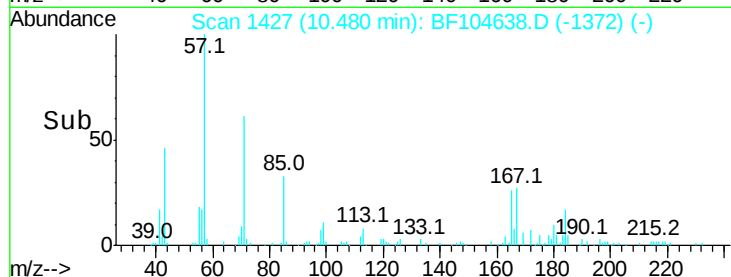
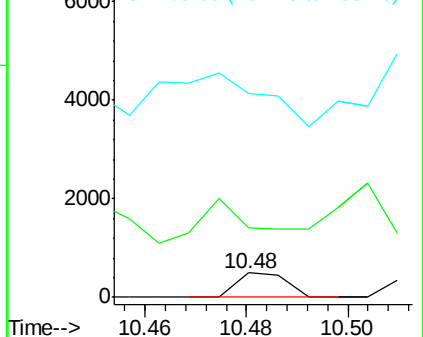
105 824.2 36.3 76.3#



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



#70

Phenanthrene

Concen: 19.955 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

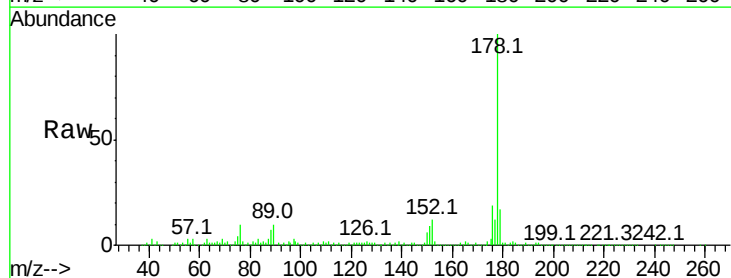
Tgt Ion:178 Resp: 434882

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

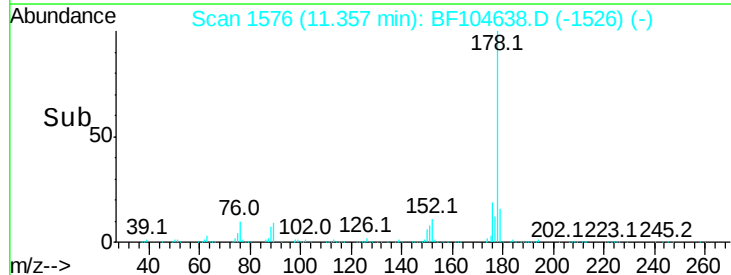
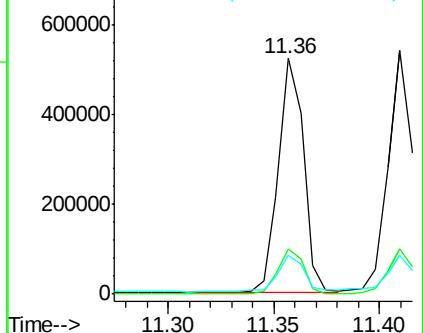
179 16.7 13.0 19.6

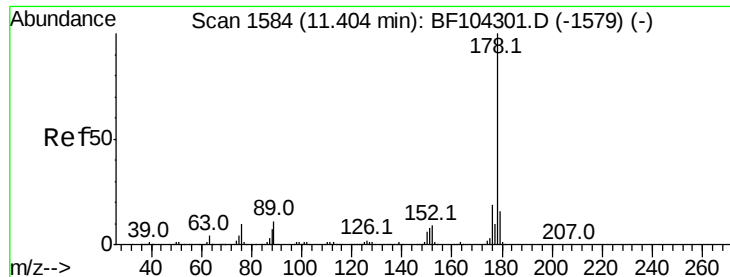


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

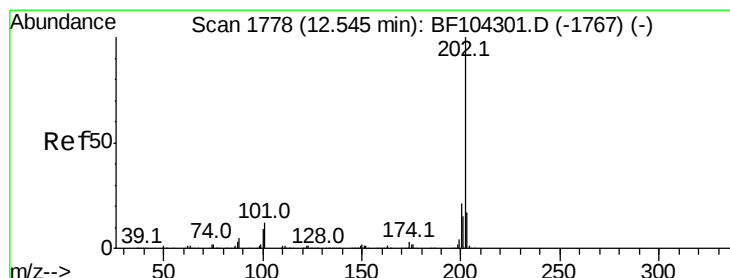
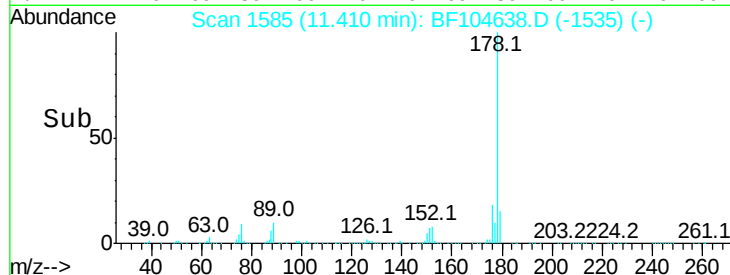
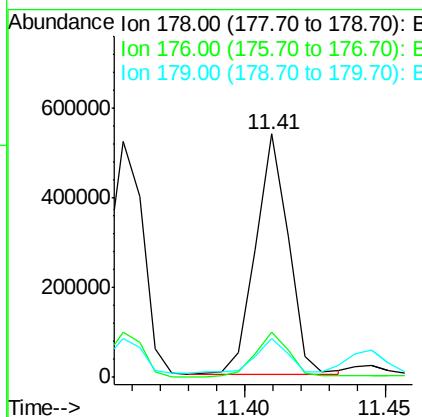
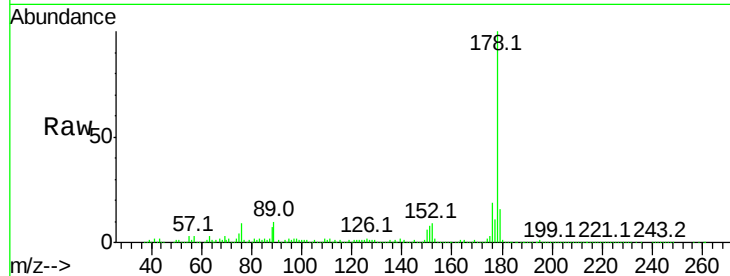




#71
 Anthracene
 Concen: 19.571 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

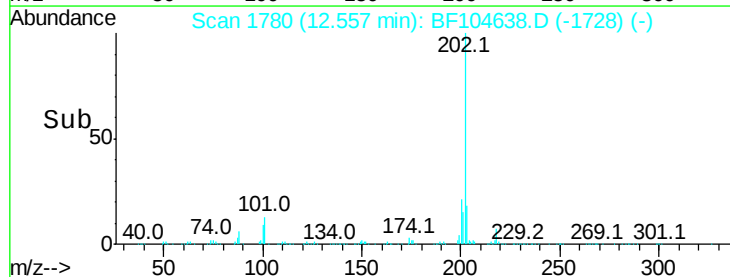
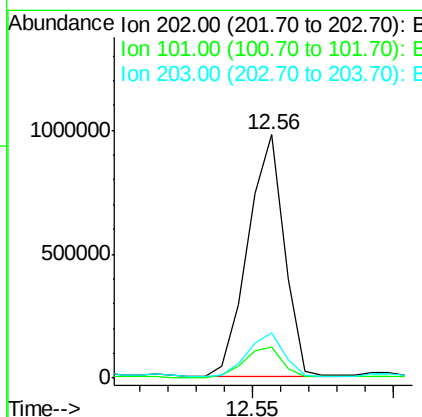
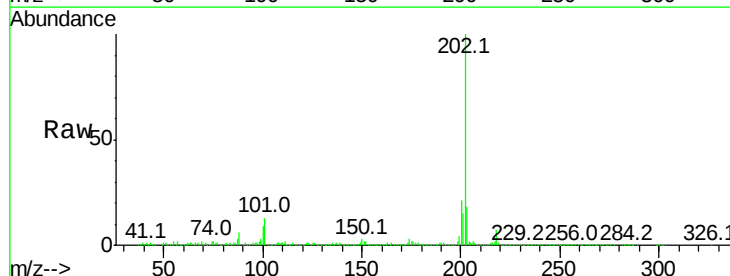
Instrument :
 BNA_F
 ClientSampleId :

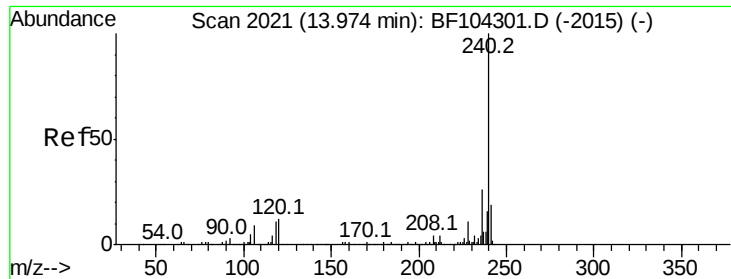
Tot Ion:178 Resp: 433564
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 16.1 12.6 19.0



#74
 Fluoranthene
 Concen: 38.434 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

Tgt Ion:202 Resp: 875137
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 34.1
 203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

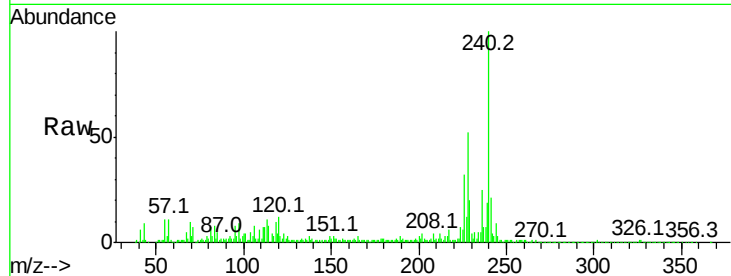
Tot Ion:240 Resp: 257308

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

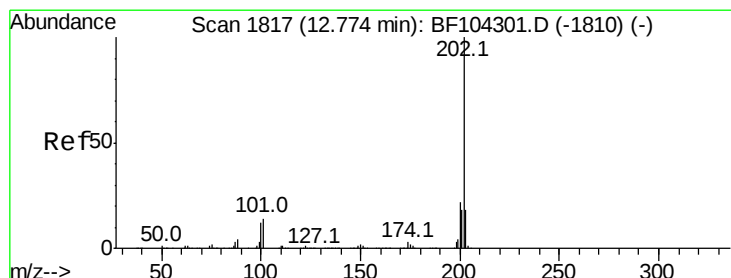
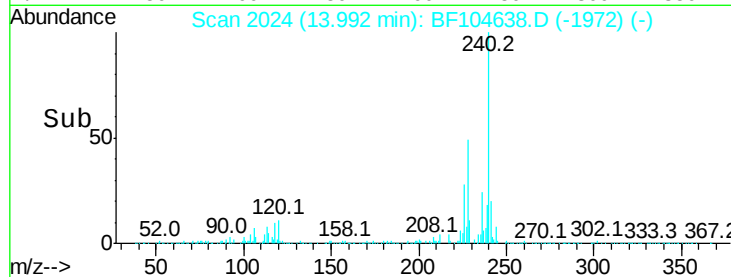
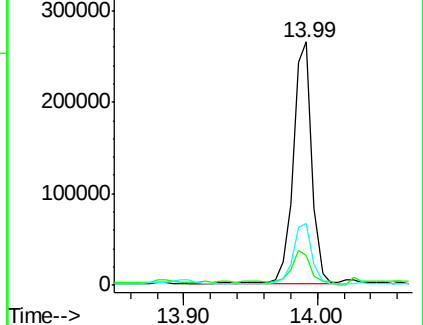
236 25.3 20.7 31.1



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

Pyrene

Concen: 64.564 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

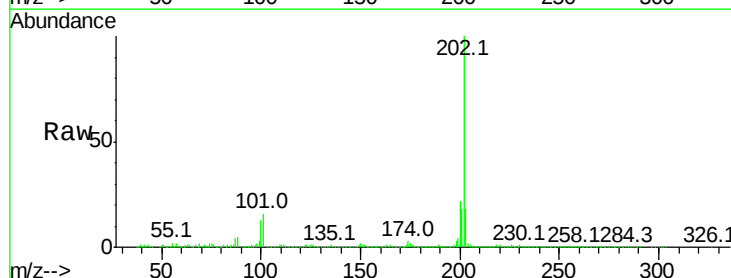
Tgt Ion:202 Resp: 1231410

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

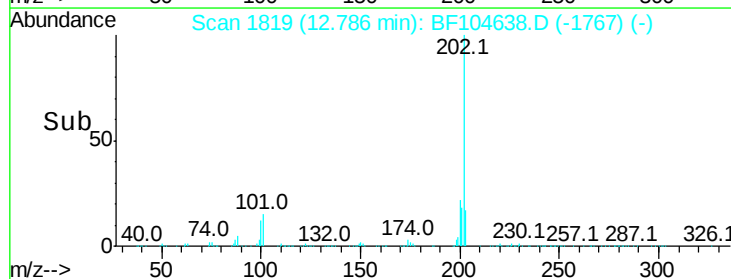
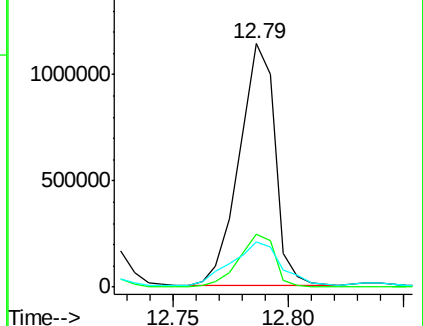
203 18.3 14.3 21.5

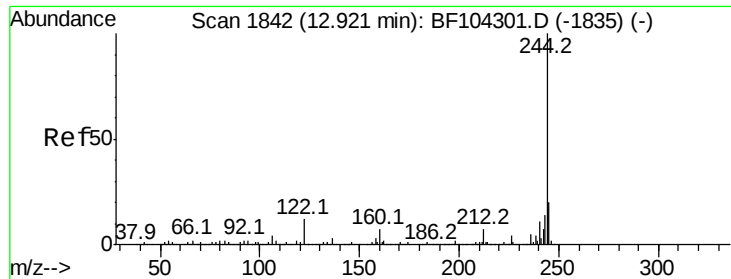


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.136 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

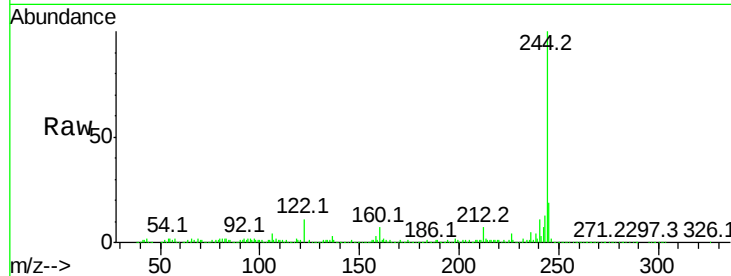
Tot Ion:244 Resp: 881870

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

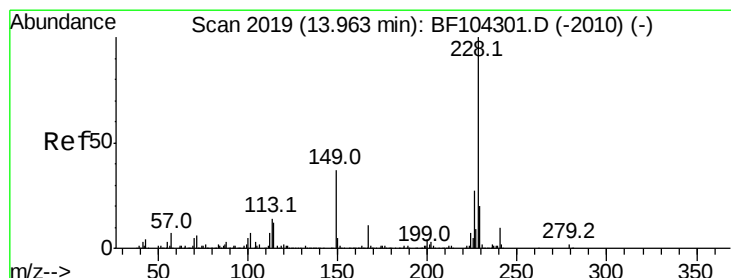
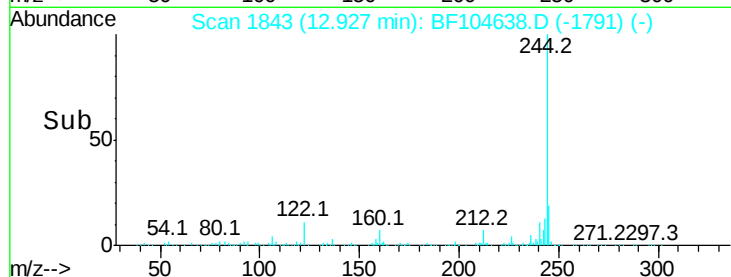
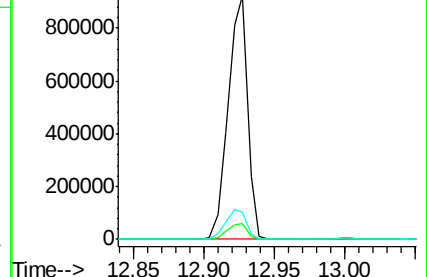
122 11.0 11.0 16.4



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: 52.186 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.04 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

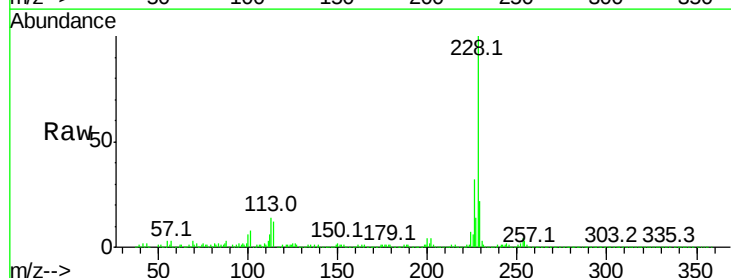
Tgt Ion:228 Resp: 802198

Ion Ratio Lower Upper

228 100

226 31.6 22.6 33.8

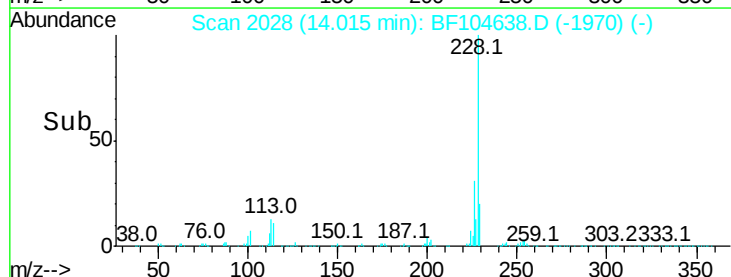
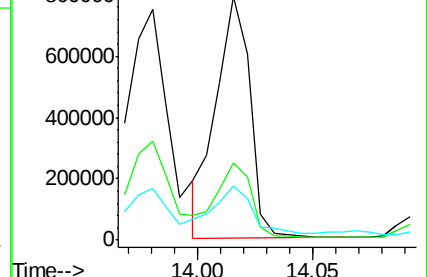
229 22.4 15.8 23.6

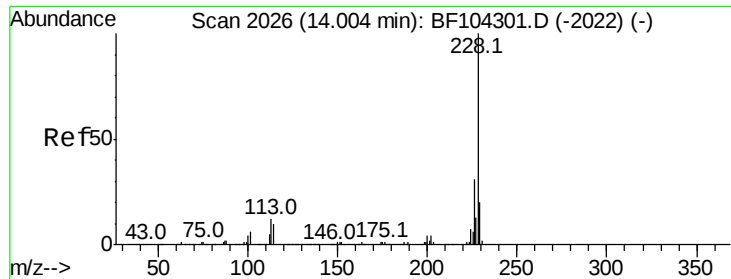


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 50.807 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

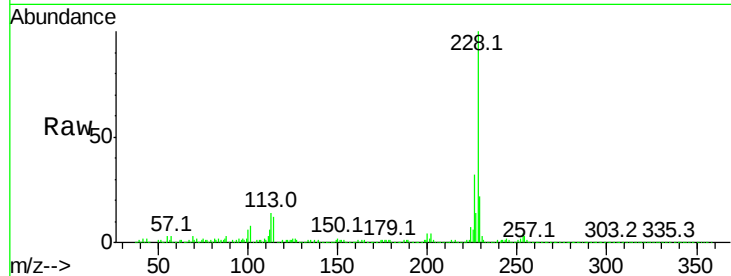
Tot Ion:228 Resp: 802198

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

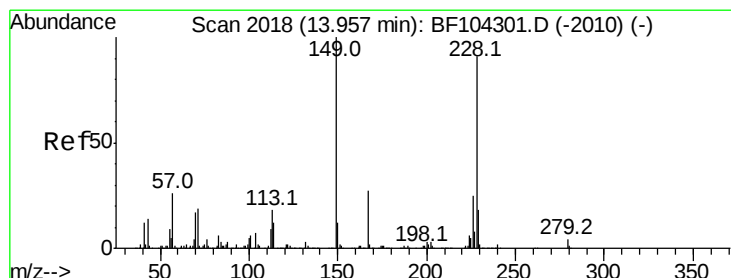
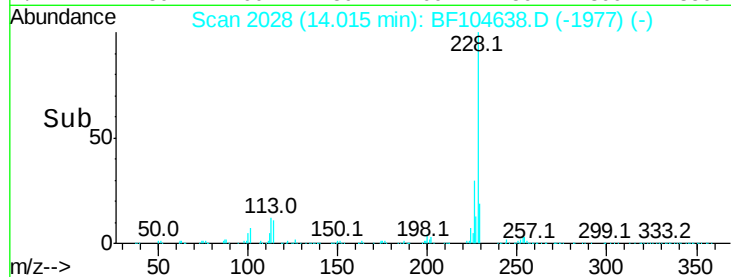
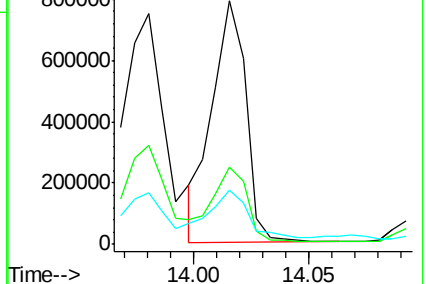
229 22.4 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.436 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

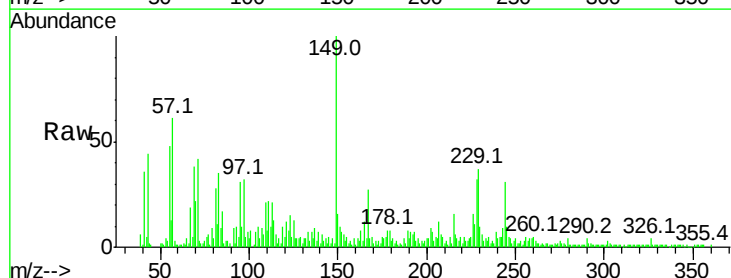
Tgt Ion:149 Resp: 62831

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

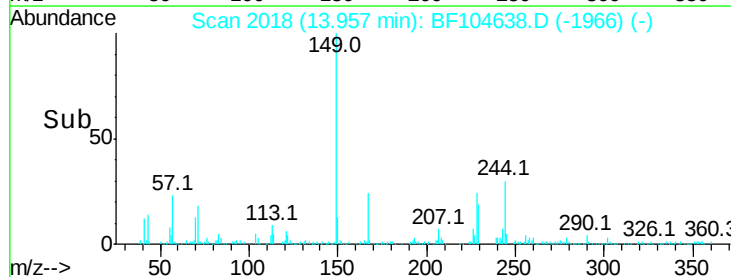
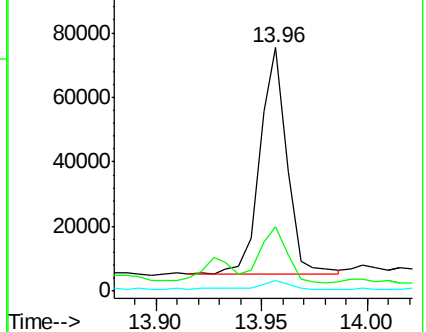
279 4.3 3.0 4.4

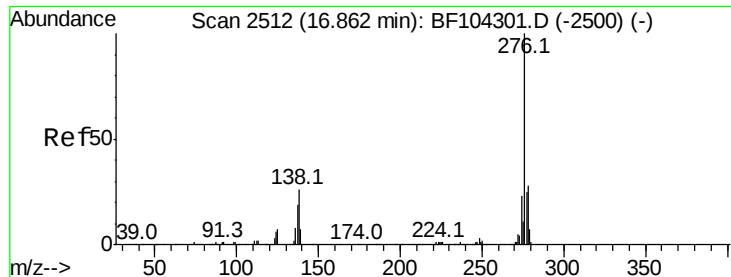


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

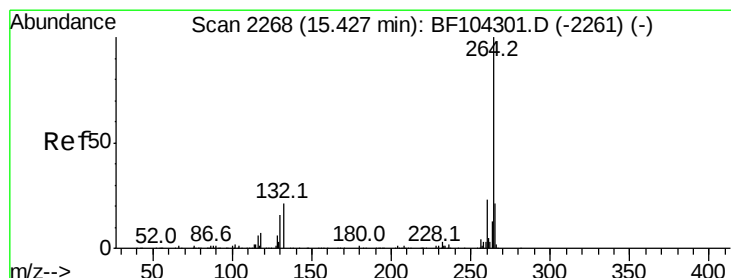
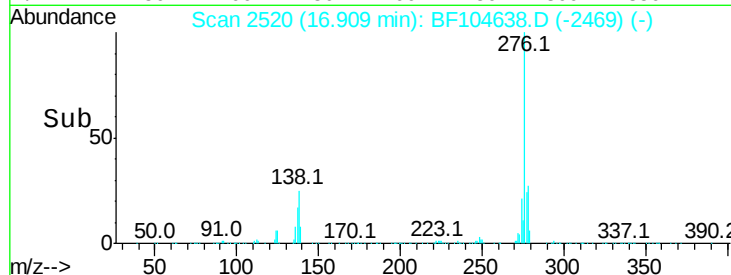
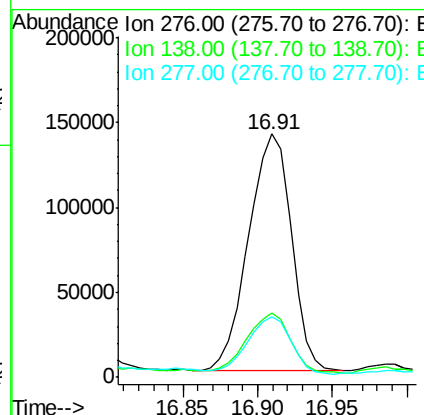
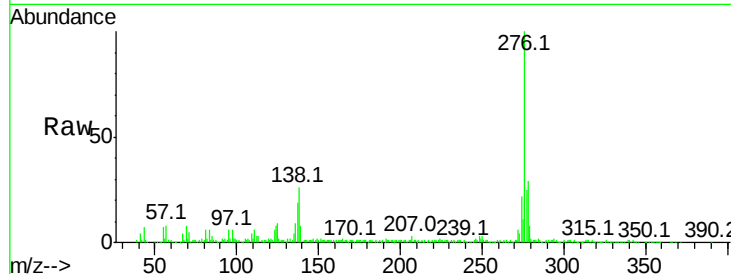




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.671 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. 0.00 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

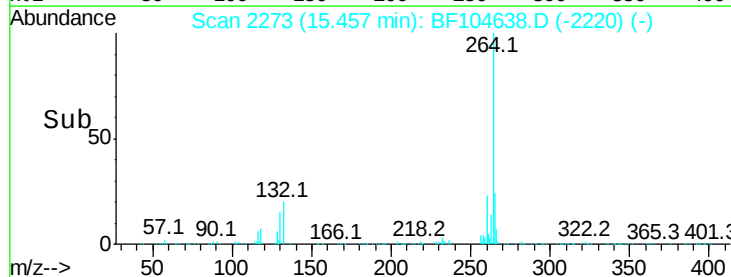
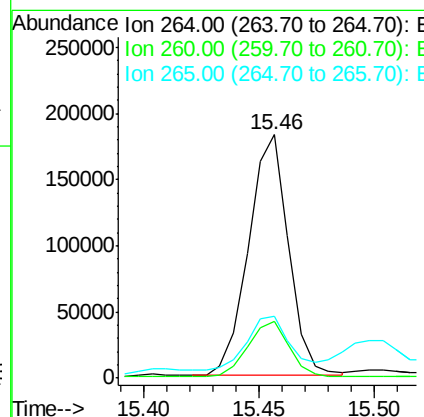
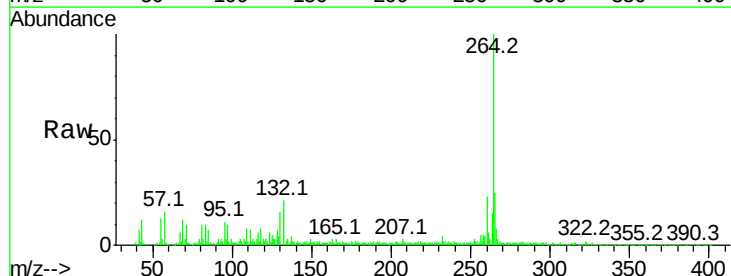
Instrument :
 BNA_F
 ClientSampleId :

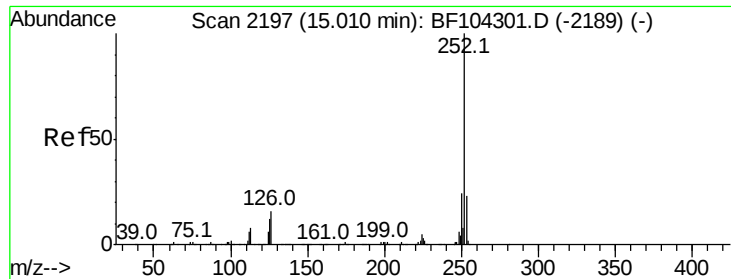
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.0	37.6
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF104638.D
 Acq: 19 Apr 2018 19:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	25.4	17.5	26.3

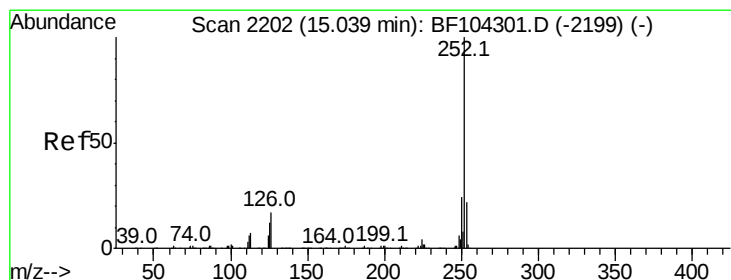
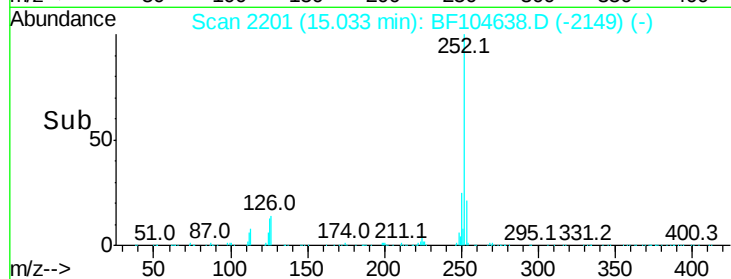
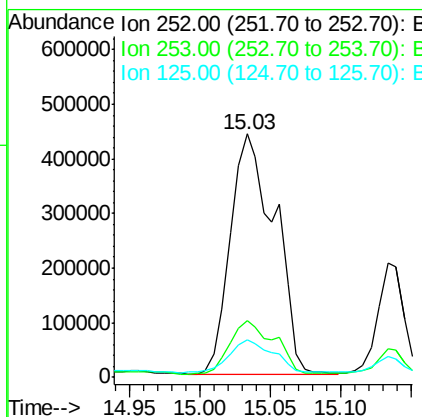
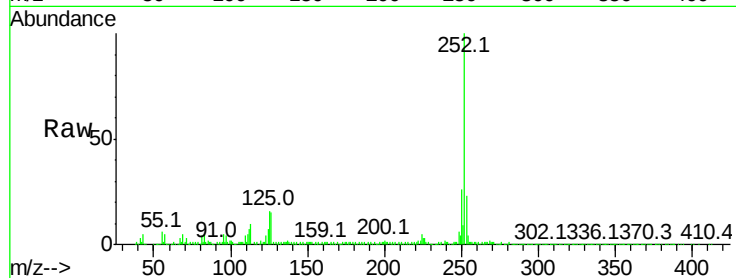




#87
Benzo(b)fluoranthene
Concen: 69.344 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104638.D
Acq: 19 Apr 2018 19:51

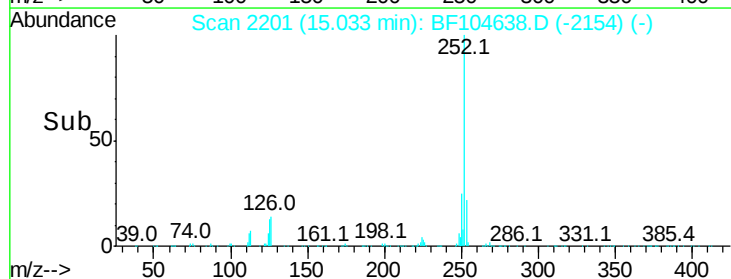
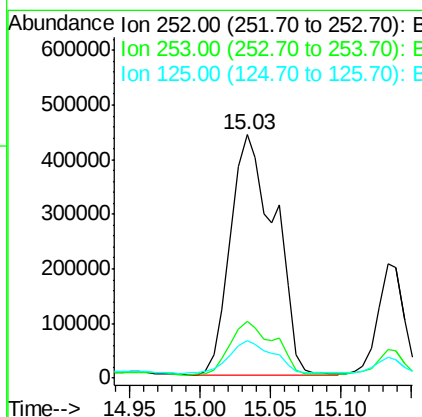
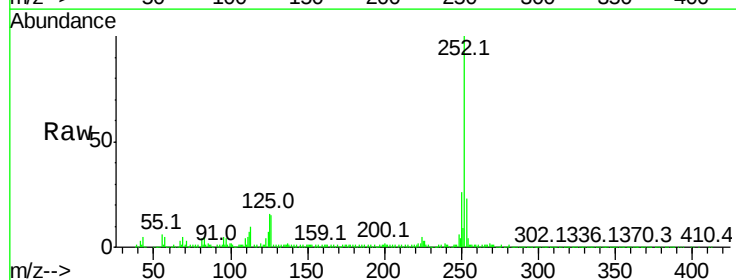
Instrument :
BNA_F
ClientSampleId :

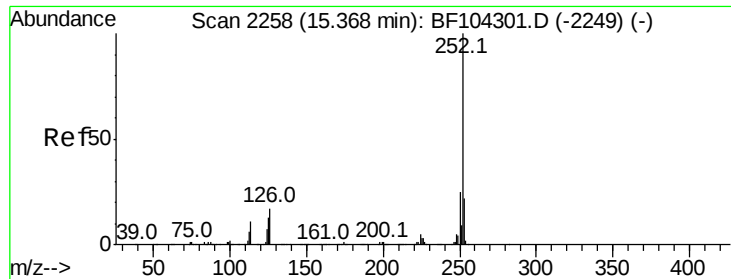
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	15.7	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 73.405 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF104638.D
Acq: 19 Apr 2018 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 61.232 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

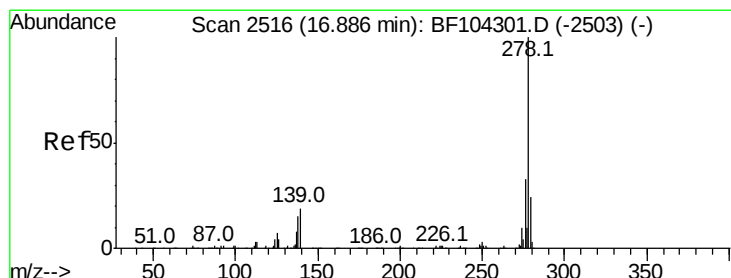
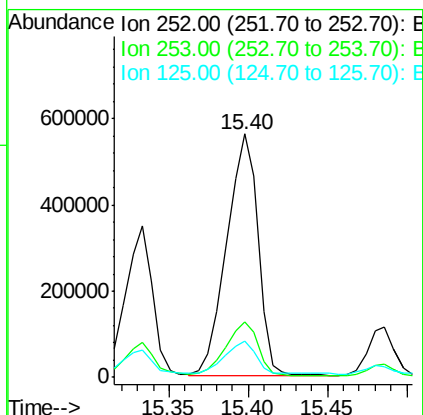
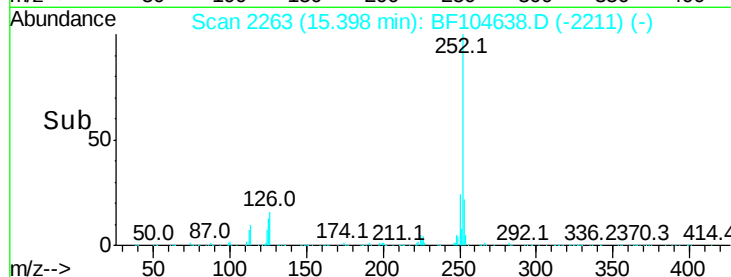
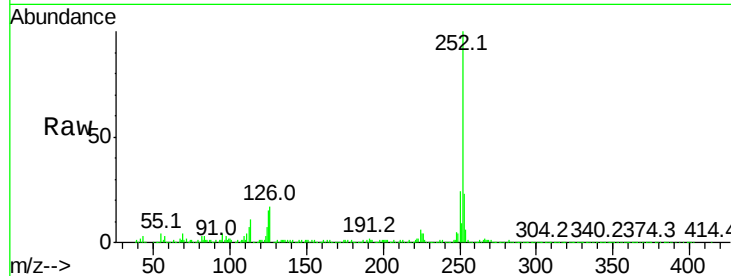
Tot Ion:252 Resp: 762756

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 14.6 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 9.754 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.15 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

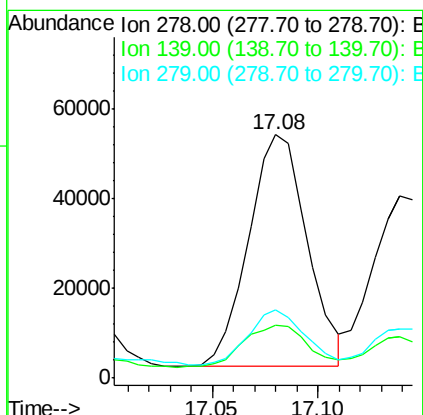
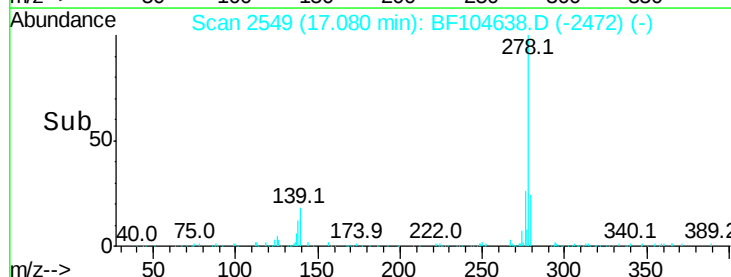
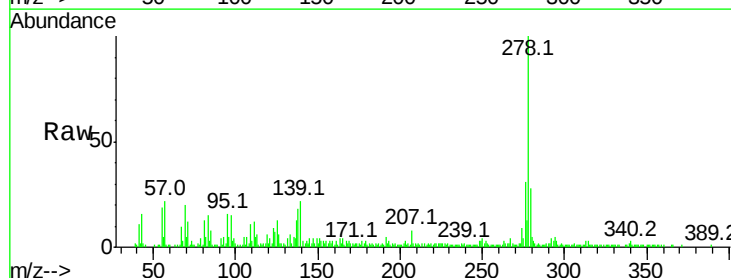
Tgt Ion:278 Resp: 99792

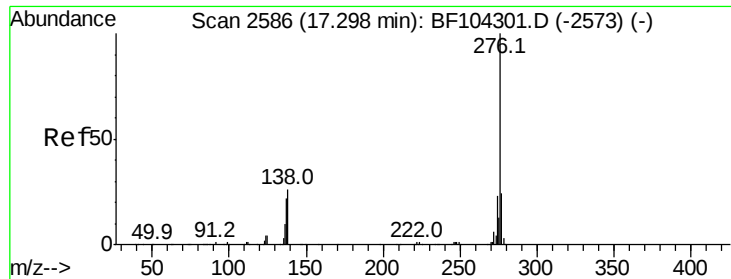
Ion Ratio Lower Upper

278 100

139 21.9 15.9 23.9

279 28.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 28.874 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.00 min

Lab File: BF104638.D

Acq: 19 Apr 2018 19:51

Instrument :

BNA_F

ClientSampleId :

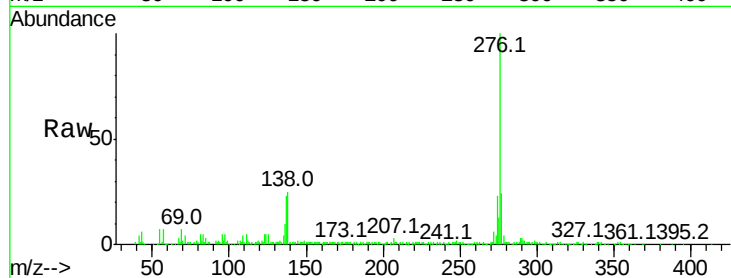
Tot Ion:276 Resp: 286197

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 25.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

