

Data File : BF100508.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Quant Time: Nov 14 00:48:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87287	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	317641	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	129853	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	198679	20.00	ng	0.00
75) Chrysene-d12	14.06	240	179682	20.00	ng	0.00
86) Perylene-d12	15.54	264	172564	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	290443	53.34	ng	0.00
7) Phenol-d6	6.51	99	338493	50.41	ng	0.00
23) Nitrobenzene-d5	7.45	82	200156	41.66	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	68676	51.90	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	330359	38.74	ng	0.00
78) Terphenyl-d14	13.00	244	211515	27.05	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	26928	5.78	ng	# 79
25) Isophorone	7.45	82	197942	19.61	ng	# 65
26) 2-Nitrophenol	7.83	139	137	5.43	ng	# 1
31) Naphthalene	8.19	128	45680	2.99	ng	100
32) Benzoic acid	7.95	122	123	9.40	ng	# 1
37) 2-Methylnaphthalene	8.89	142	36849	3.63	ng	98
47) 2-Nitroaniline	9.44	65	395	2.94	ng	# 26
49) Dimethylphthalate	9.64	163	86382	8.71	ng	# 98
51) Acenaphthene	9.96	154	53951	6.57	ng	97
54) Dibenzofuran	10.13	168	53950	4.69	ng	96
57) Fluorene	10.47	166	93958	11.14	ng	100
62) Azobenzene	10.64	77	46546	4.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	4323	2.03	ng	# 1
70) Phenanthrene	11.44	178	631279	60.35	ng	99
71) Anthracene	11.49	178	159718	15.05	ng	98
72) Carbazole	11.64	167	55950	5.71	ng	99
74) Fluoranthene	12.63	202	632494	57.05	ng	94
77) Pyrene	12.86	202	554105	43.26	ng	99
80) Benzo(a)anthracene	14.04	228	282869	26.14	ng	99
82) Chrysene	14.08	228	235408	22.47	ng	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	82116	9.69	ng	# 89
87) Benzo(b)fluoranthene	15.10	252	345198	33.77	ng	97
88) Benzo(k)fluoranthene	15.10	252	345198	35.74	ng	98
89) Benzo(a)pyrene	15.47	252	185484	20.46	ng	96
90) Dibenzo(a,h)anthracene	17.04	278	21654	2.92	ng	94
91) Benzo(g,h,i)perylene	17.47	276	72583	10.00	ng	# 91

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

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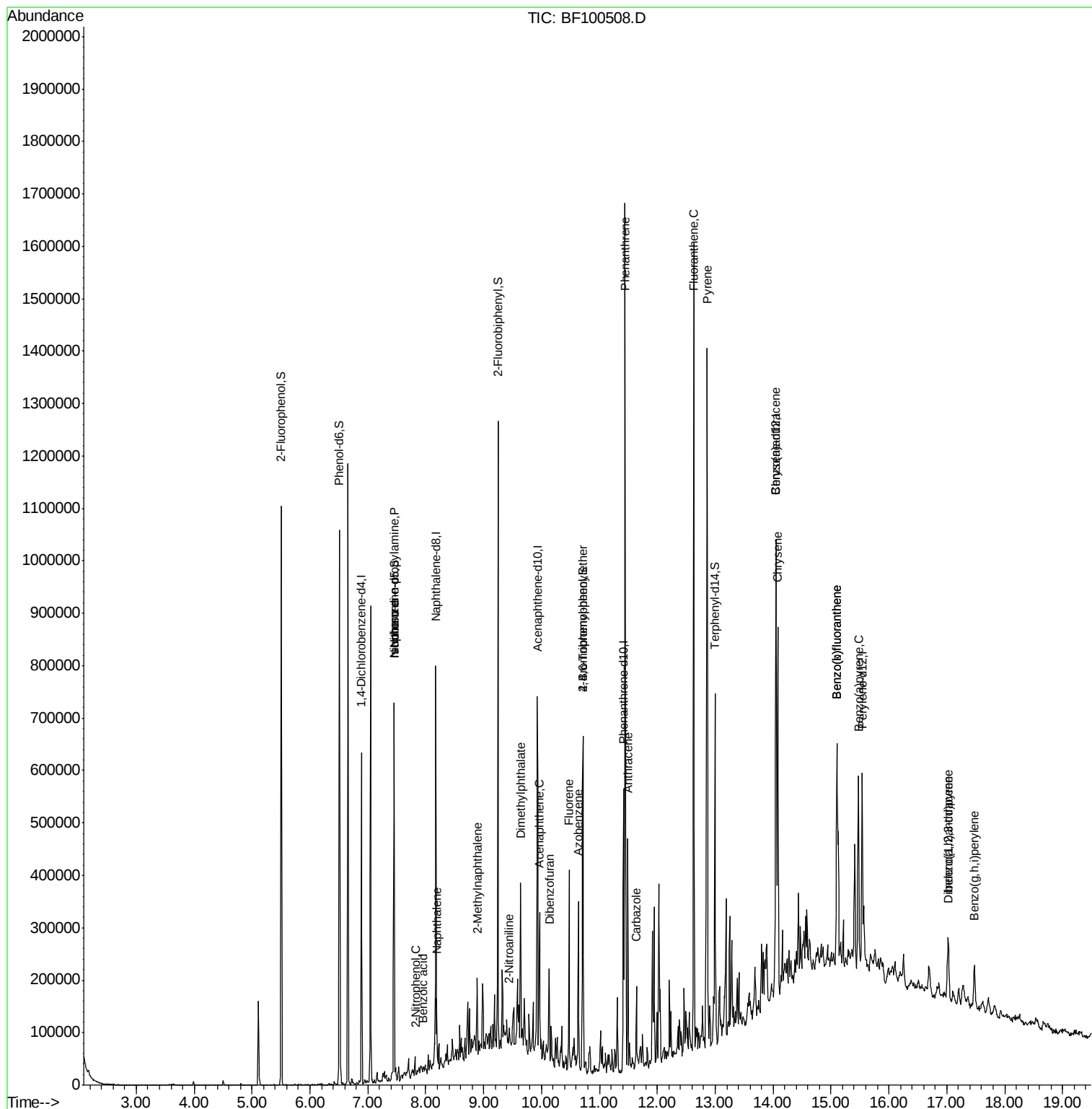
Quant Time: Nov 14 00:48:06 2017

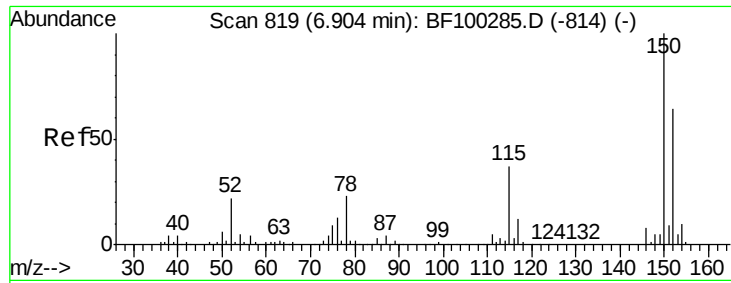
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 13 14:08:38 2017

Response via : Initial Calibration

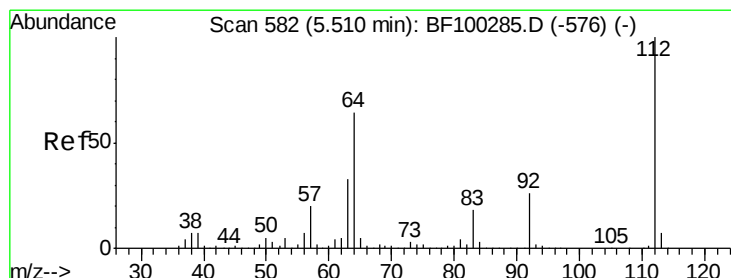
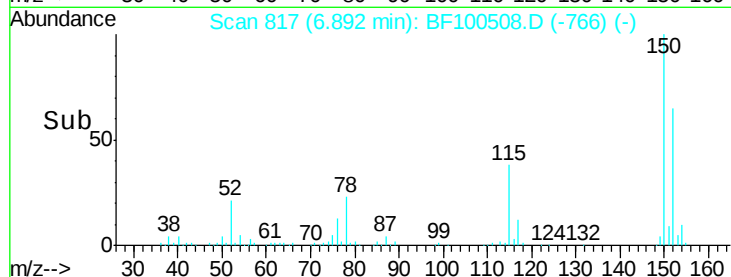
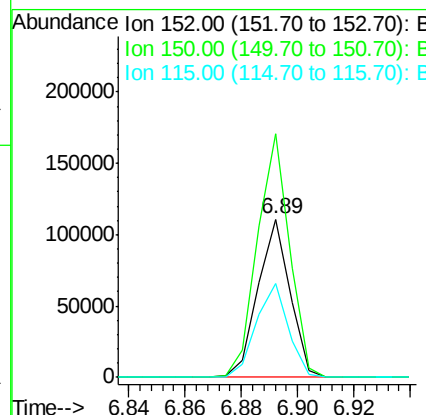
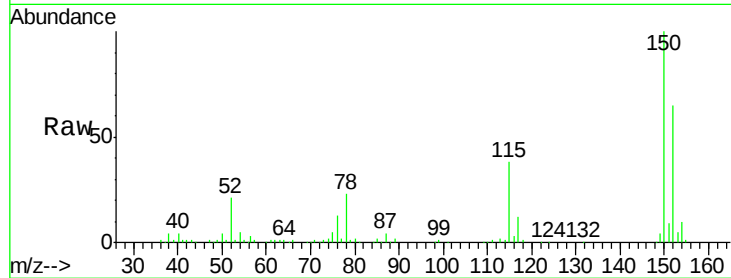




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

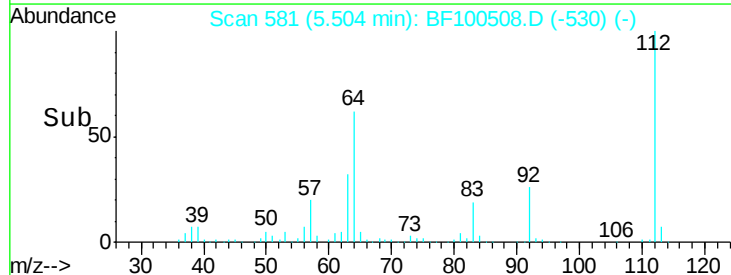
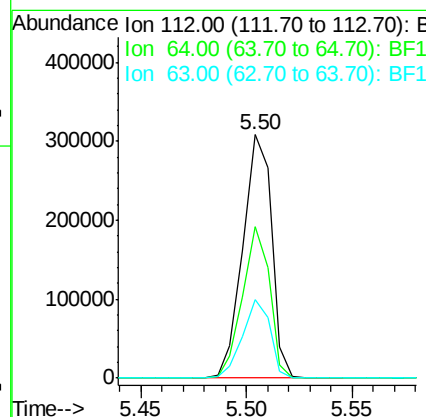
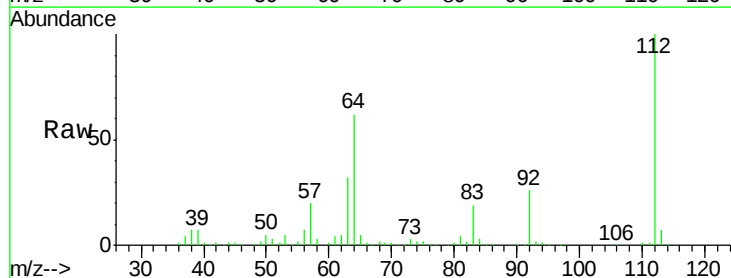
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-D

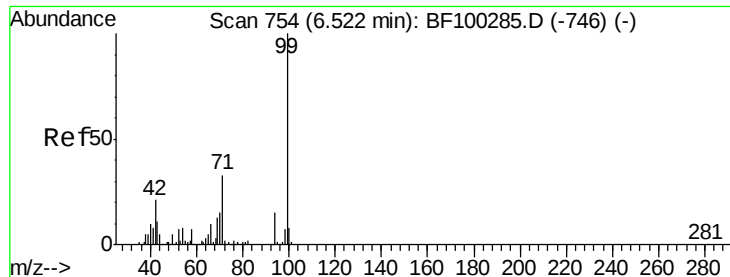
Tgt Ion:152 Resp: 87287
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 59.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 53.34 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

Tgt Ion:112 Resp: 290443
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 32.2 23.7 35.5





#7

Phenol-d6

Concen: 50.41 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-D

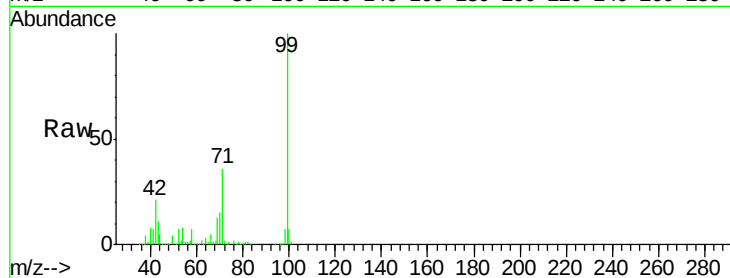
Tgt Ion: 99 Resp: 338493

Ion Ratio Lower Upper

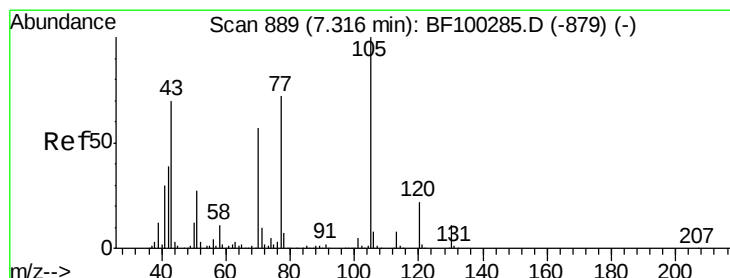
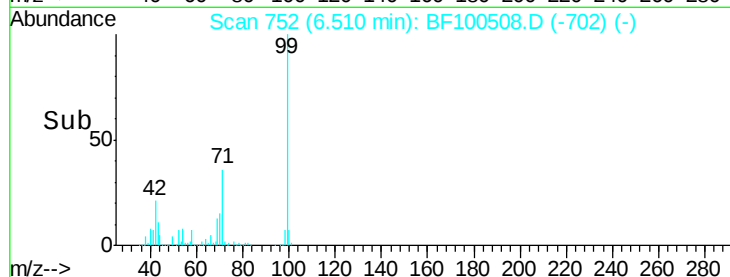
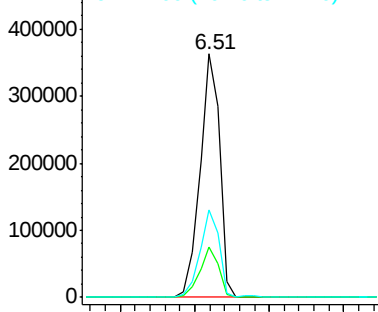
99 100

42 20.7 14.5 21.7

71 36.1 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: 5.78 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.15 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Tgt Ion: 70 Resp: 26928

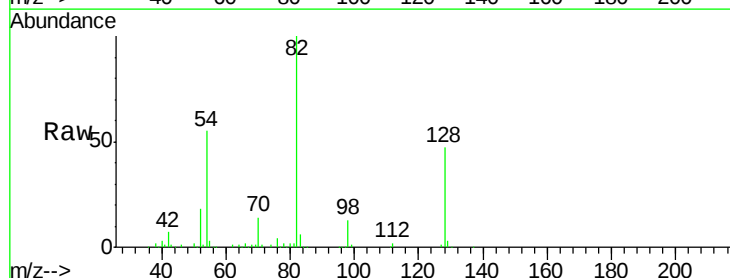
Ion Ratio Lower Upper

70 100

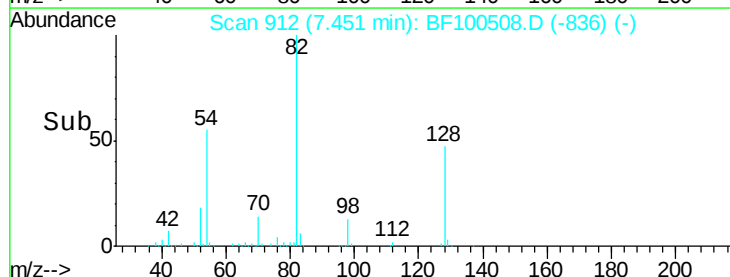
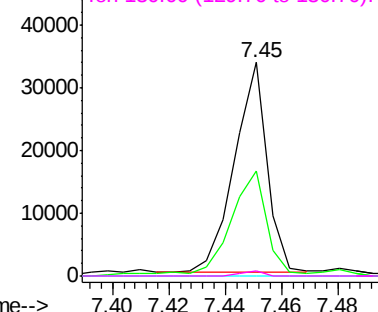
42 49.0 47.5 71.3

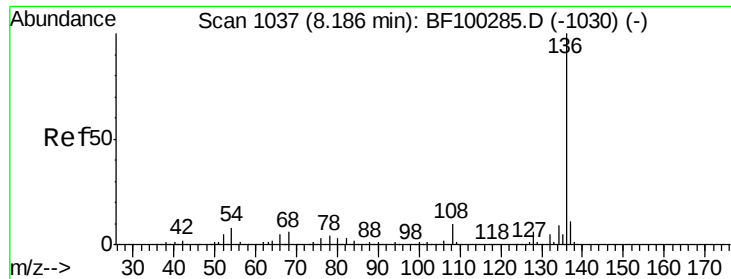
101 0.0 7.4 11.2#

130 2.1 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

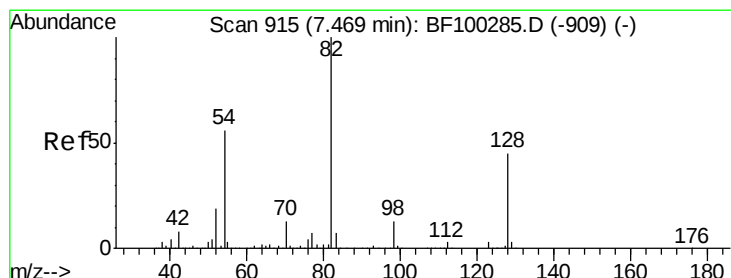
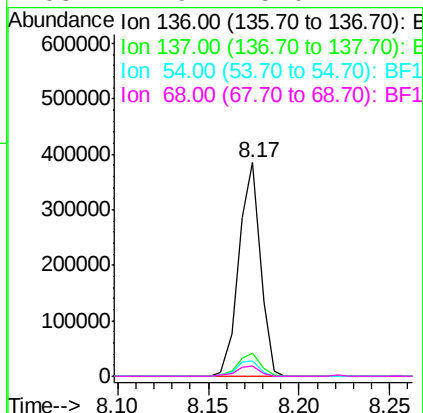
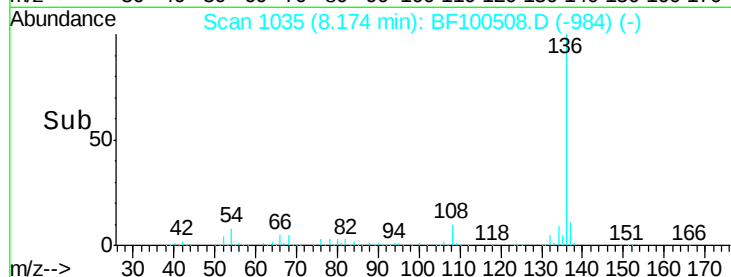
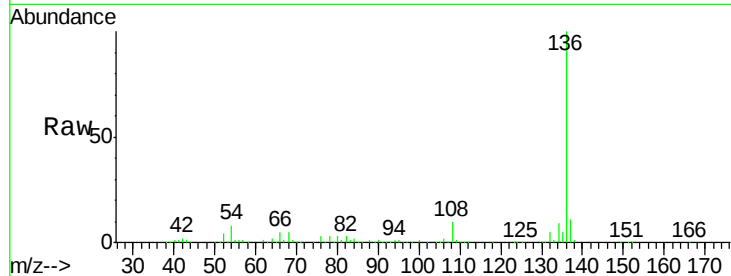




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

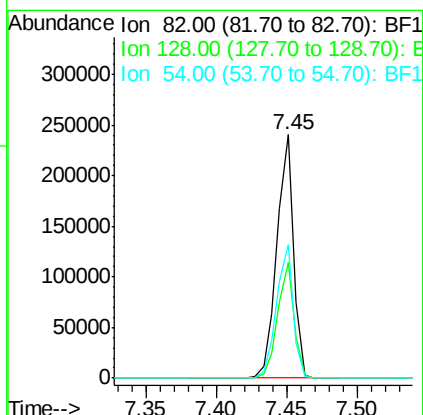
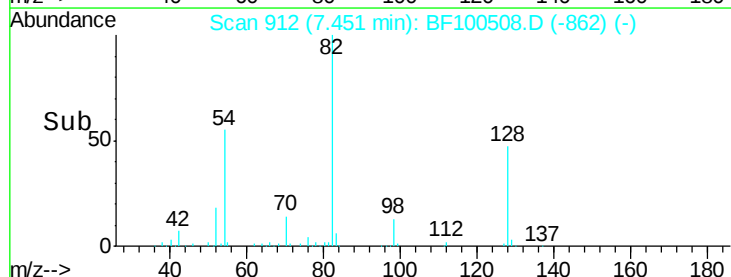
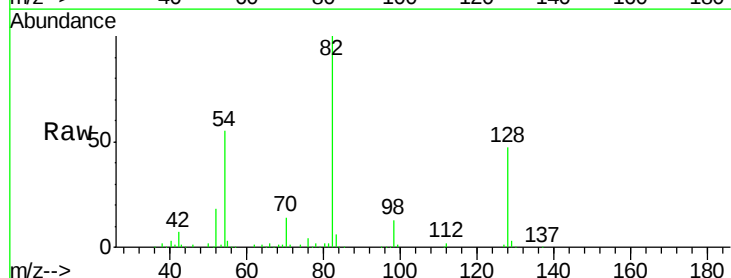
Instrument :
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JC-02-110917-D

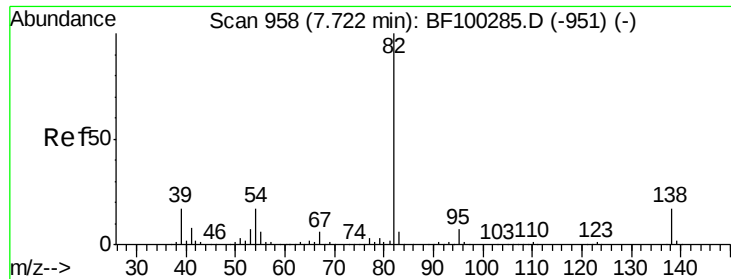
Tgt Ion:	136	Resp:	317641
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	4.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 41.66 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

Tgt Ion:	82	Resp:	200156
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	54.8	41.4	62.2

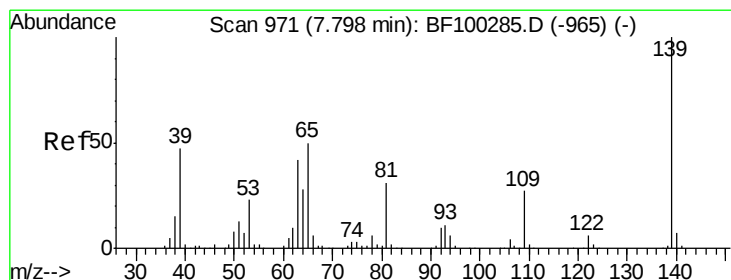
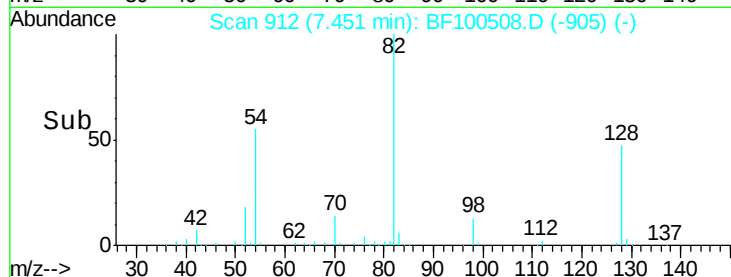
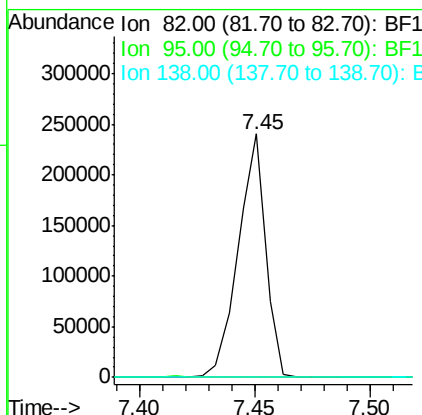
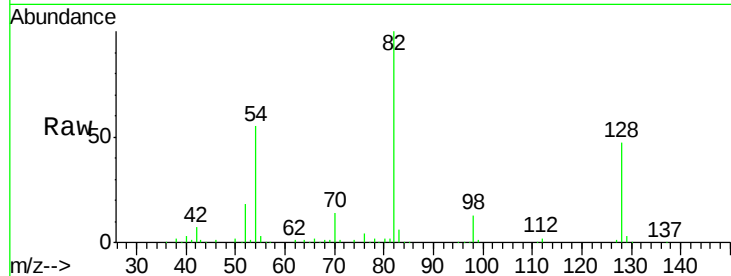




#25
Isophorone
Concen: 19.61 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

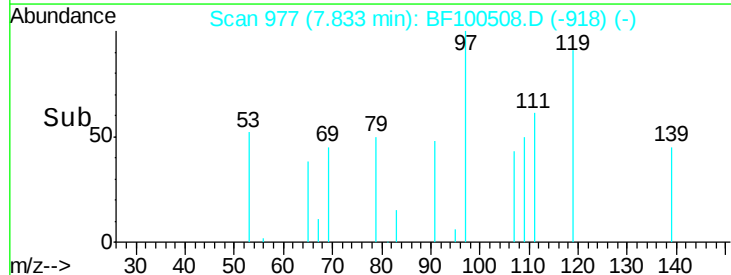
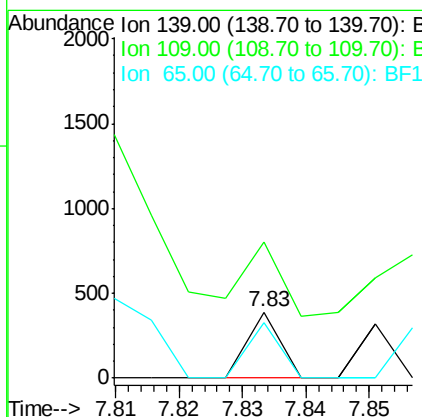
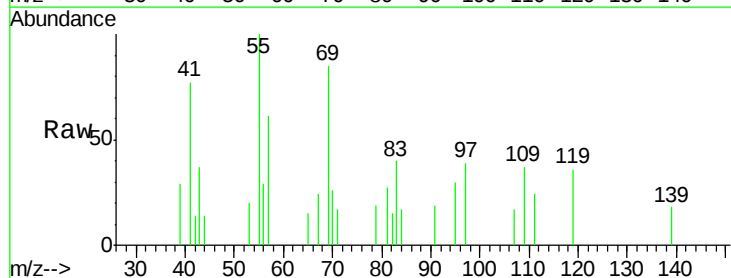
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

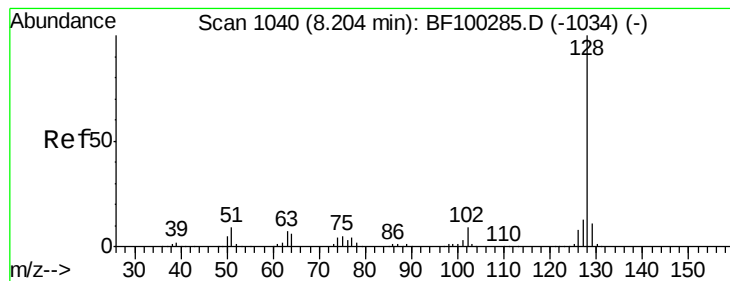
Tgt Ion: 82 Resp: 197942
Ion Ratio Lower Upper
82 100
95 0.3 5.2 7.8#
138 0.0 14.9 22.3#



#26
2-Nitrophenol
Concen: 5.43 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

Tgt Ion: 139 Resp: 137
Ion Ratio Lower Upper
139 100
109 207.5 22.7 34.1#
65 84.0 40.5 60.7#





#31

Naphthalene

Concen: 2.99 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-D

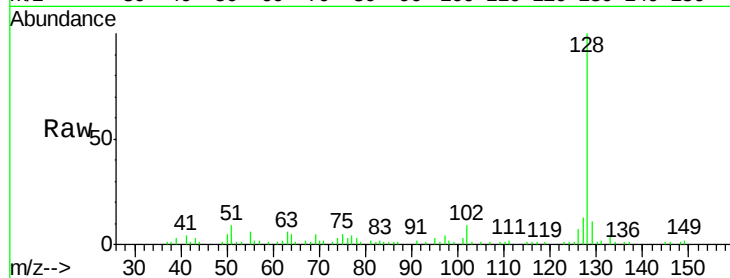
Tgt Ion:128 Resp: 45680

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

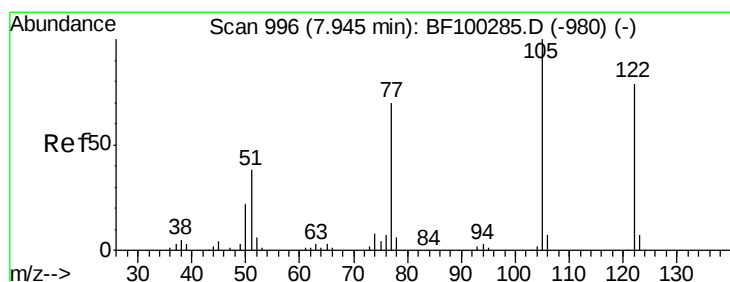
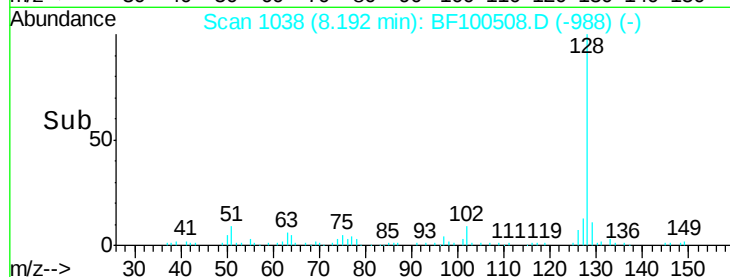
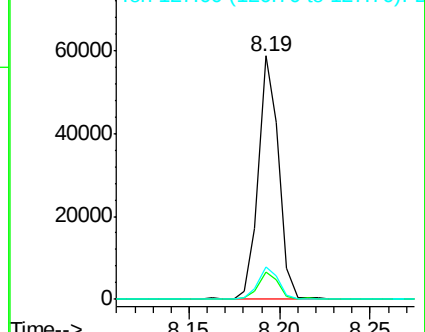
127 13.4 10.9 16.3



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



#32

Benzoic acid

Concen: 9.40 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

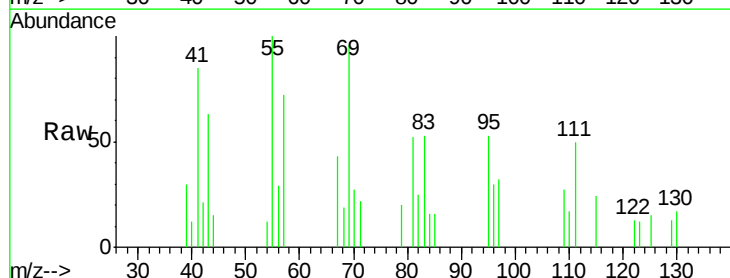
Tgt Ion:122 Resp: 123

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

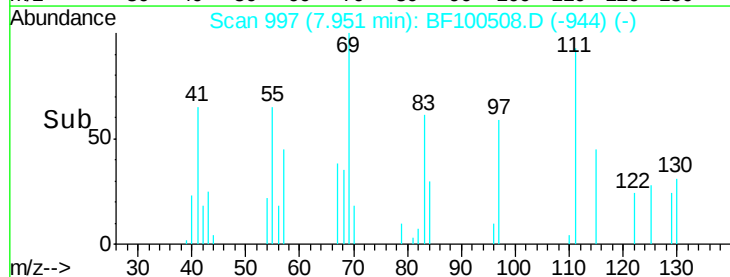
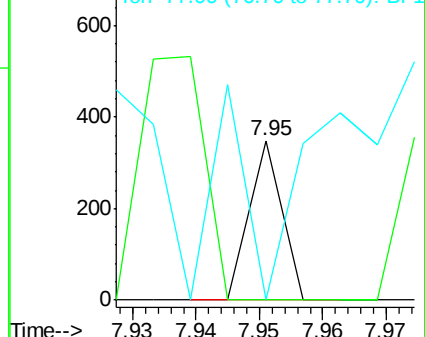
77 0.0 70.7 110.7#

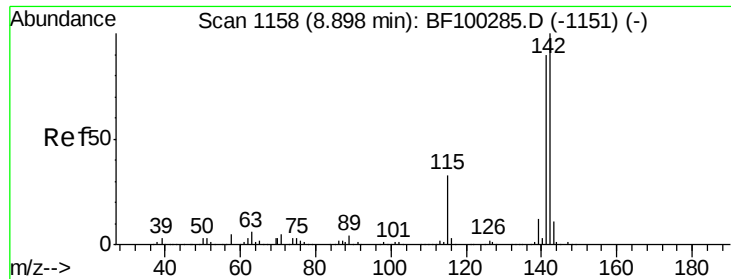


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

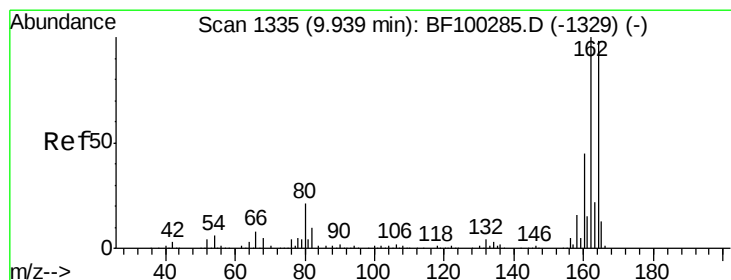
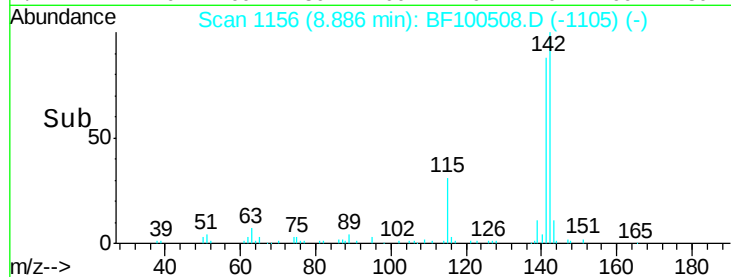
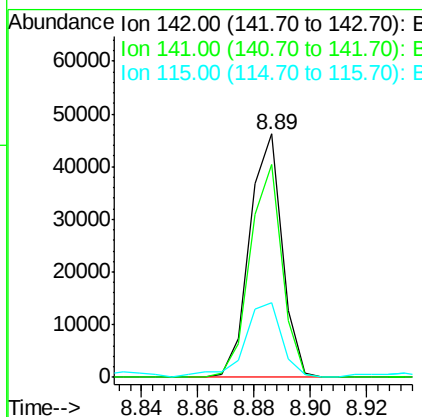
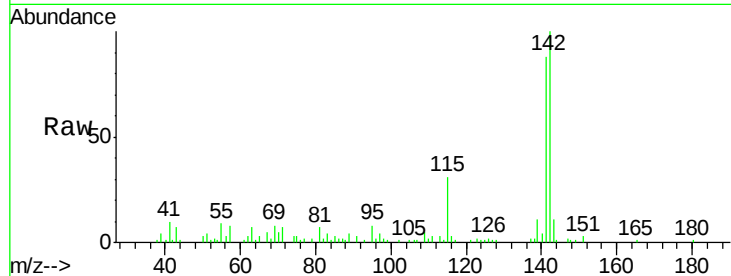




#37
 2-Methylnaphthalene
 Concen: 3.63 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

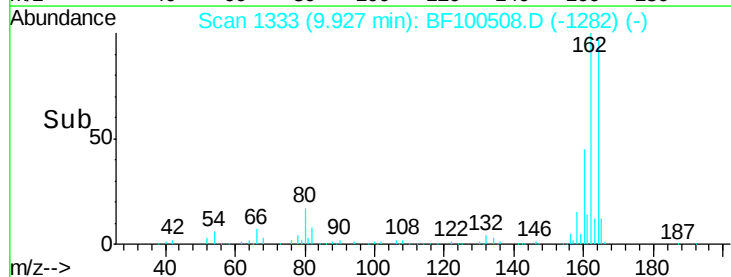
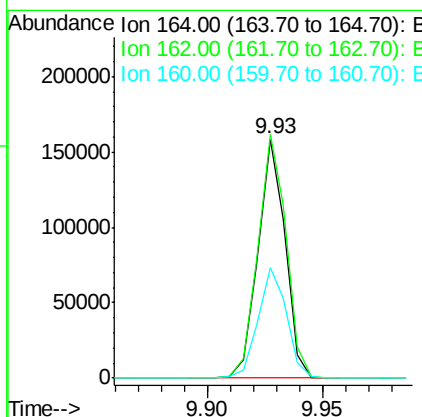
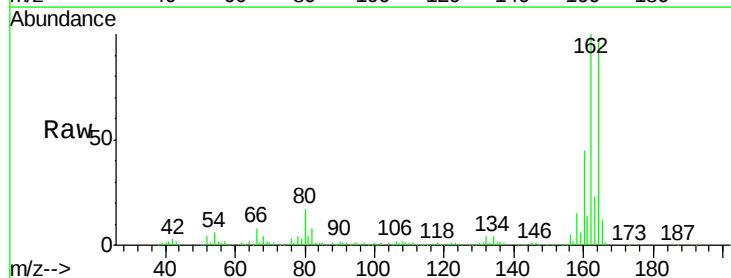
Instrument :
 BNA_F
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 JC-02-110917-D

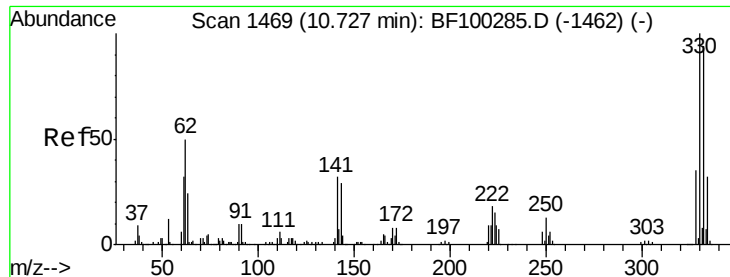
Tgt Ion:142 Resp: 36849
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.8 106.2
 115 30.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

Tgt Ion:164 Resp: 129853
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.3 38.3 57.5

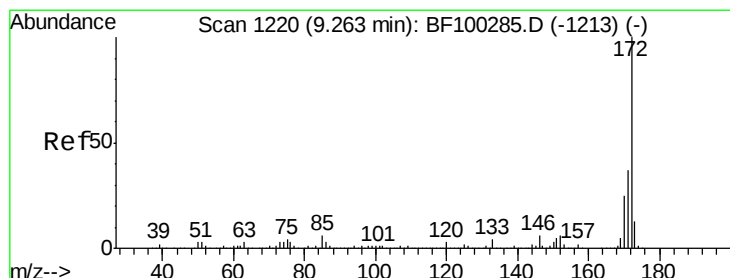
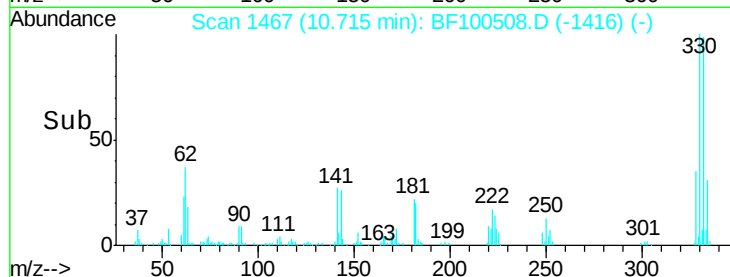
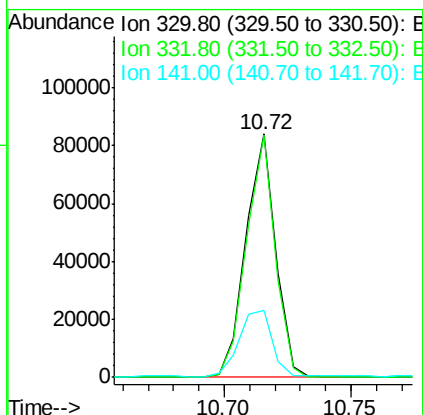
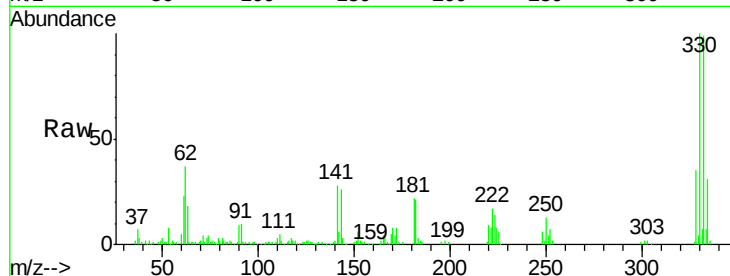




#41
 2,4,6-Tribromophenol
 Concen: 51.90 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

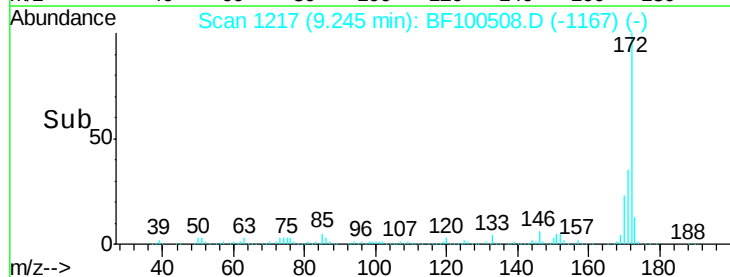
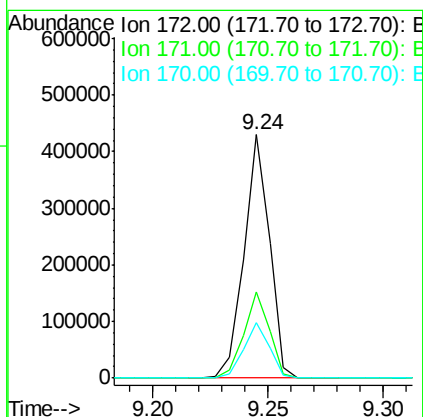
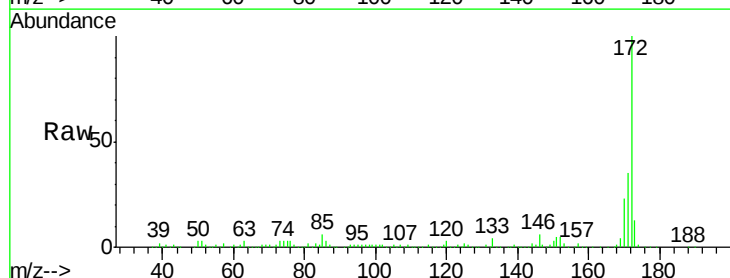
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-D

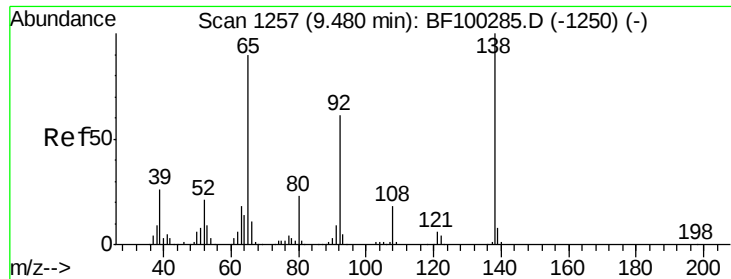
Tgt Ion:330 Resp: 68676
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 30.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 38.74 ng
 RT: 9.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

Tgt Ion:172 Resp: 330359
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 22.8 19.6 29.4

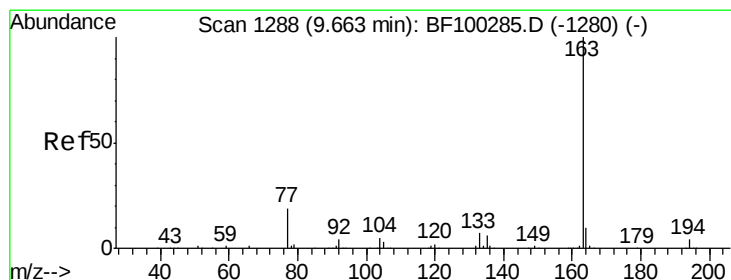
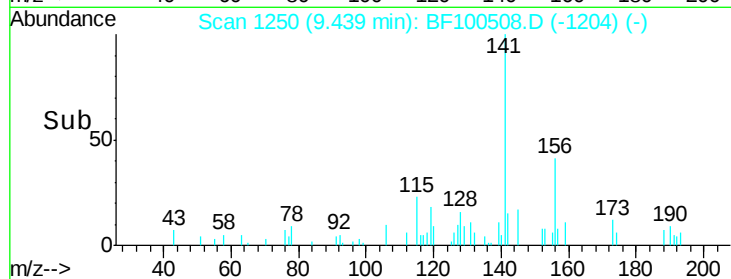
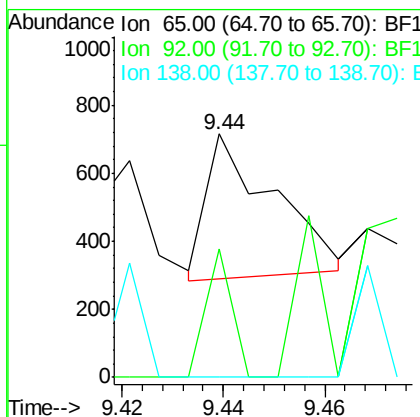
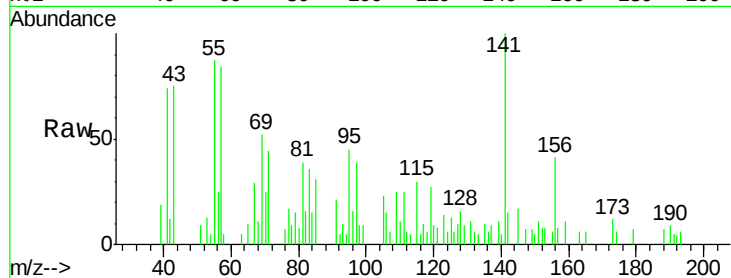




#47
 2-Nitroaniline
 Concen: 2.94 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.03 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

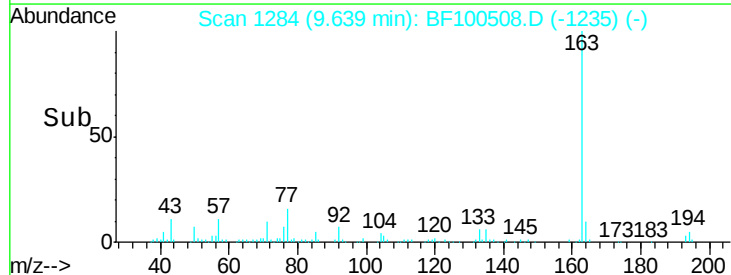
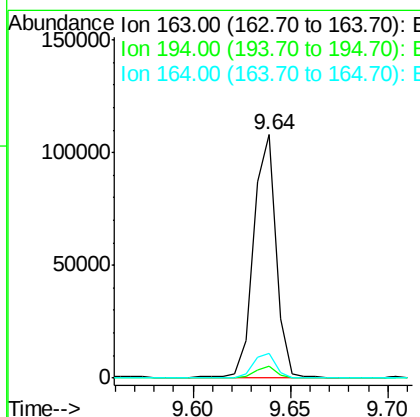
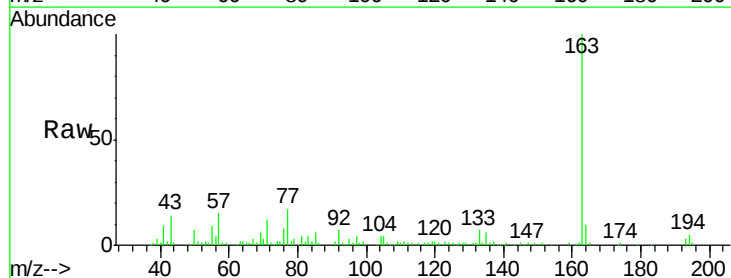
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-D

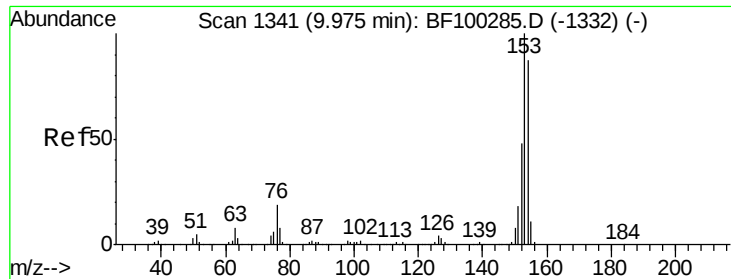
Tgt Ion: 65 Resp: 395
 Ion Ratio Lower Upper
 65 100
 92 52.5 55.8 83.6#
 138 0.0 91.2 136.8#



#49
 Dimethylphthalate
 Concen: 8.71 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

Tgt Ion: 163 Resp: 86382
 Ion Ratio Lower Upper
 163 100
 194 5.1 2.7 4.1#
 164 9.9 8.2 12.2





#51

Acenaphthene

Concen: 6.57 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-D

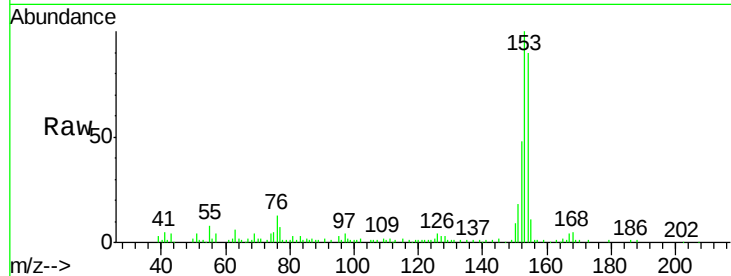
Tgt Ion:154 Resp: 53951

Ion Ratio Lower Upper

154 100

153 110.7 91.2 136.8

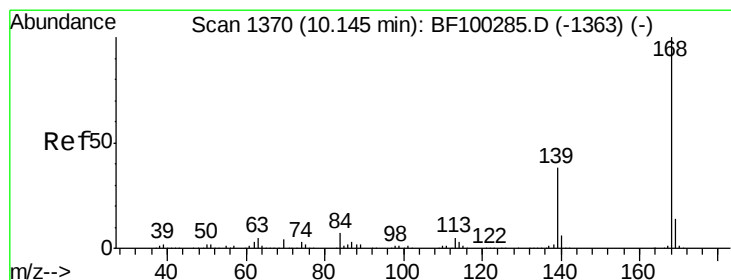
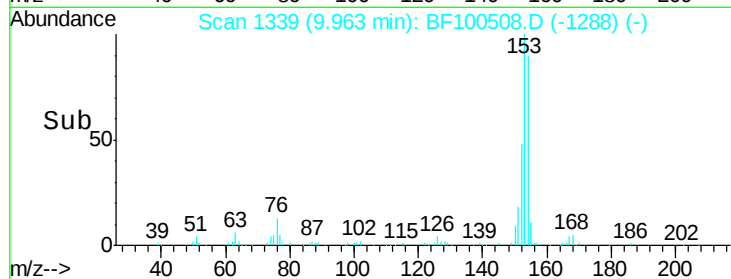
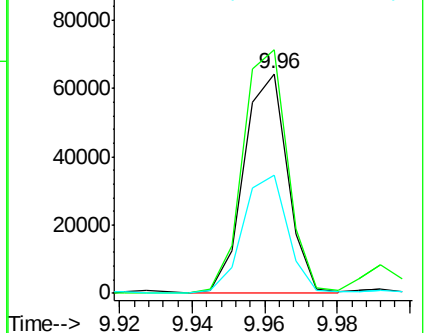
152 53.5 43.8 65.8



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: 4.69 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

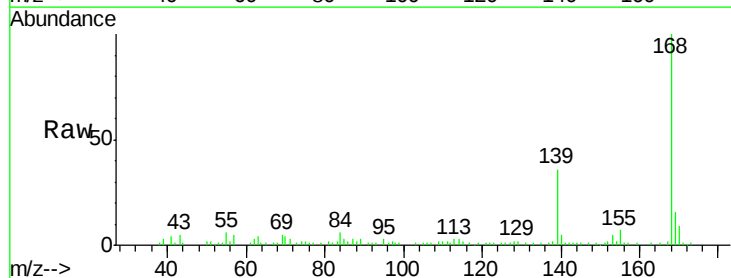
Tgt Ion:168 Resp: 53950

Ion Ratio Lower Upper

168 100

139 35.6 30.1 45.1

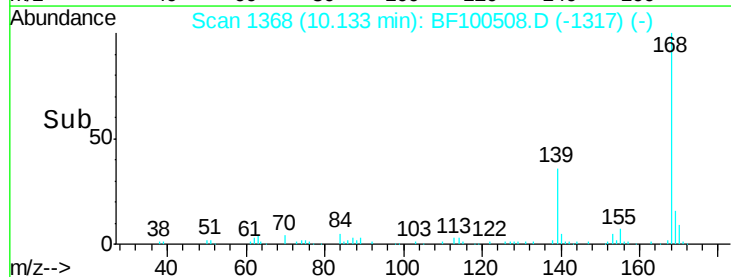
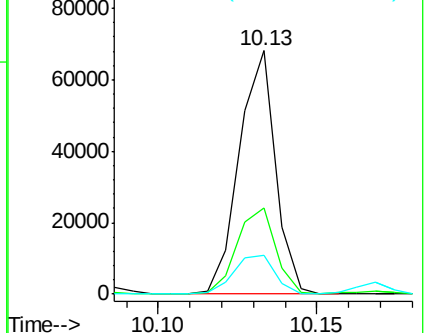
169 16.0 10.9 16.3

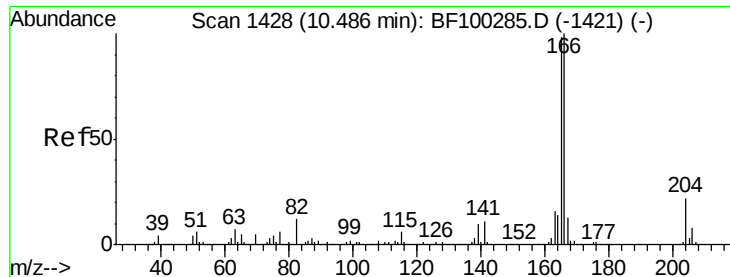


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

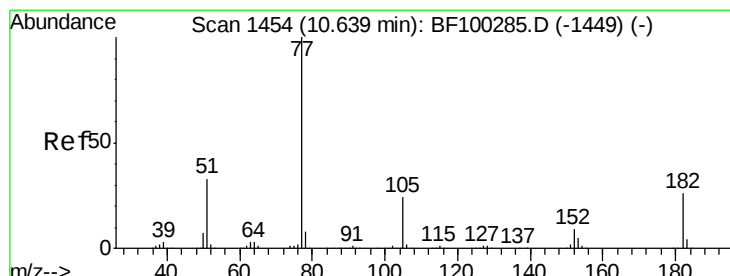
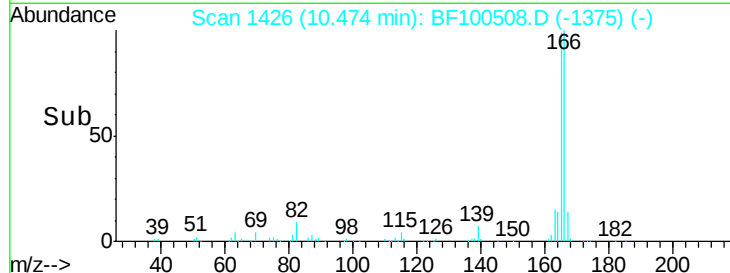
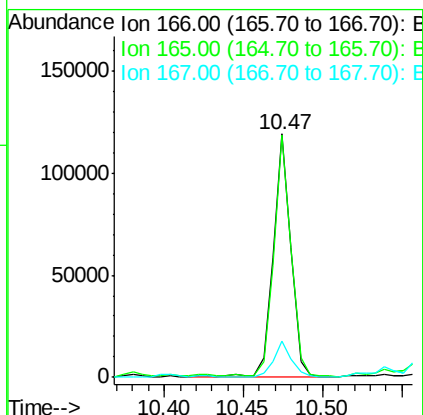
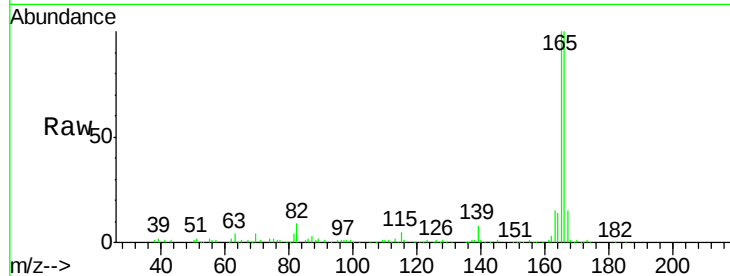




#57
Fluorene
 Concen: 11.14 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

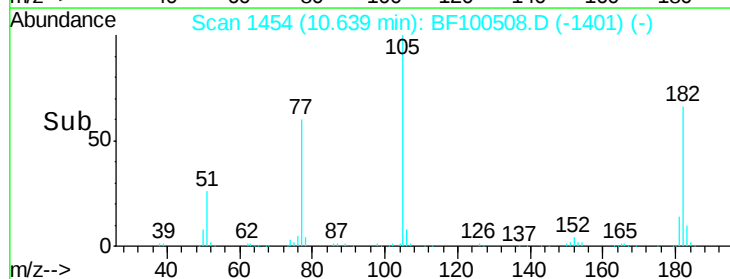
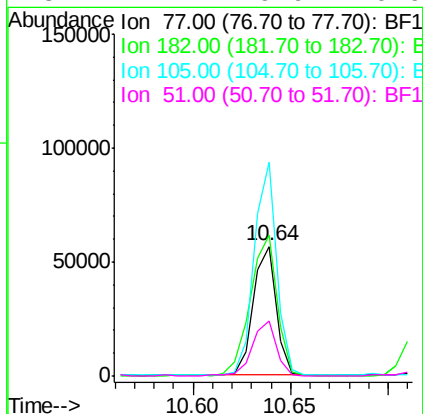
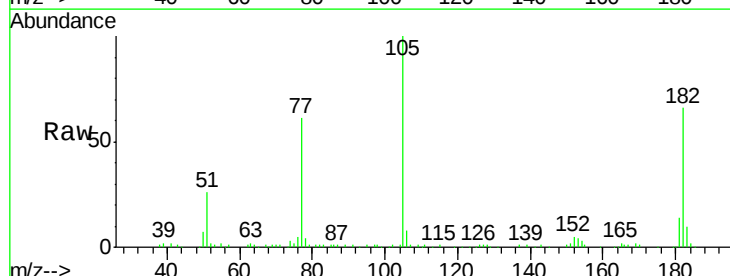
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-D

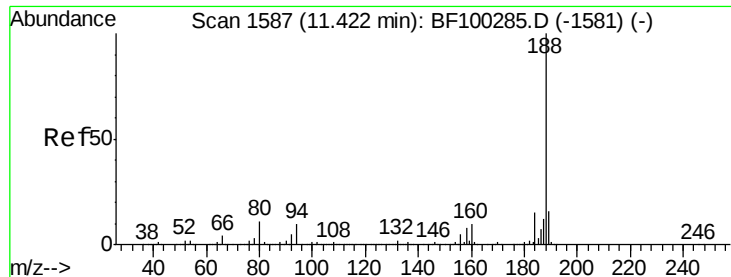
Tgt Ion: 166 Resp: 93958
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 14.7 10.6 16.0



#62
Azobenzene
 Concen: 4.98 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF100508.D
 Acq: 13 Nov 2017 17:47

Tgt Ion: 77 Resp: 46546
 Ion Ratio Lower Upper
 77 100
 182 108.9 1.7 41.7#
 105 164.7 3.0 43.0#
 51 42.4 9.9 49.9

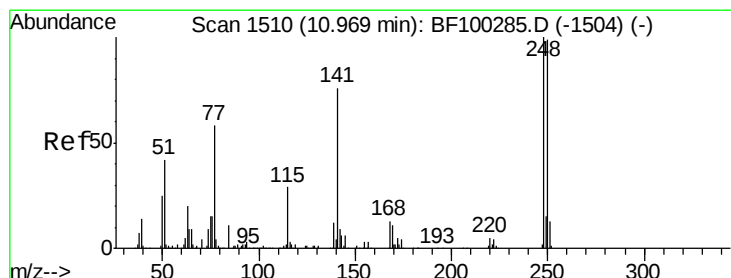
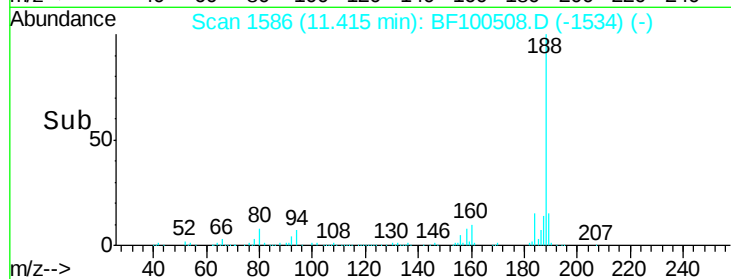
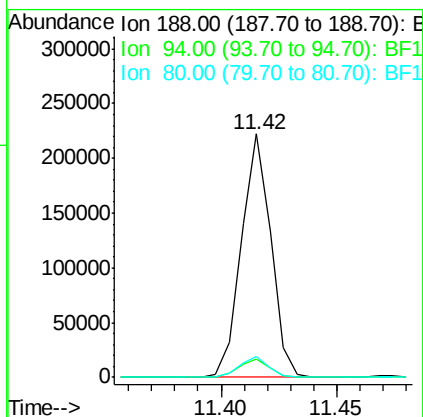
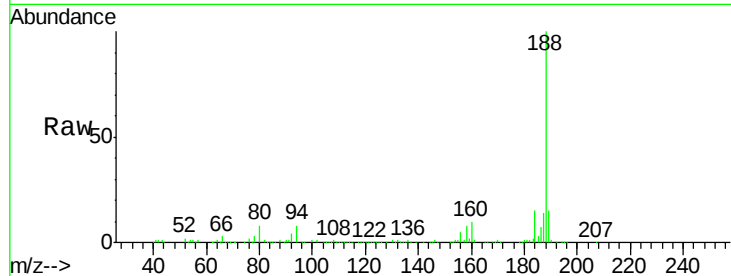




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

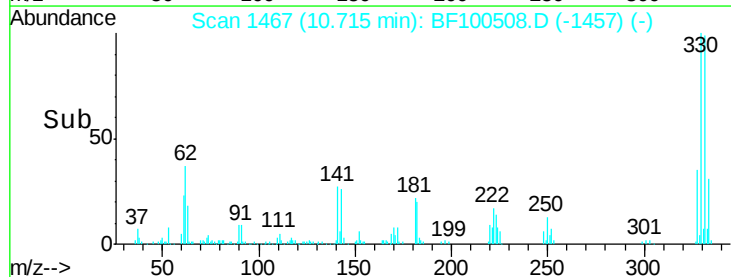
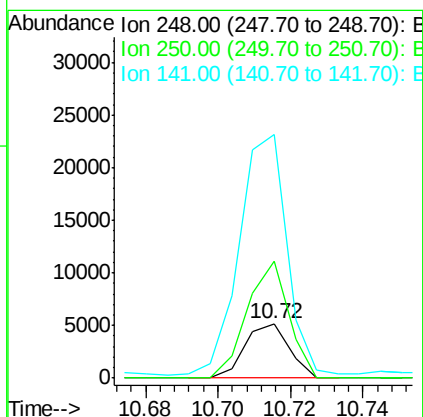
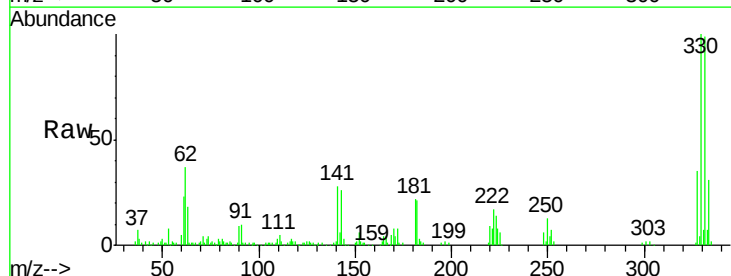
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

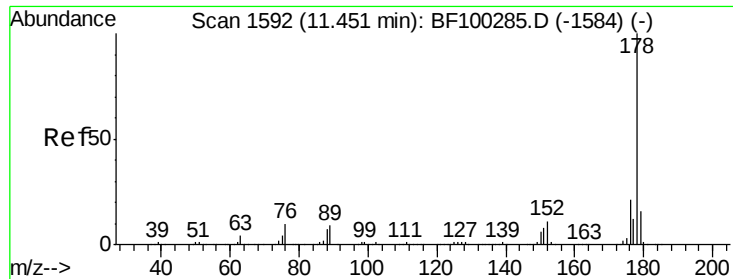
Tgt Ion:188 Resp: 198679
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.4 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.03 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

Tgt Ion:248 Resp: 4323
Ion Ratio Lower Upper
248 100
250 215.1 76.9 115.3#
141 449.5 74.4 111.6#

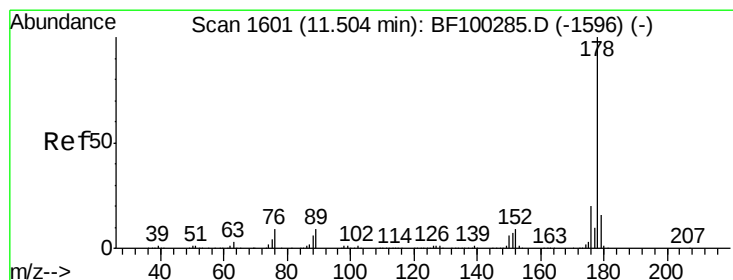
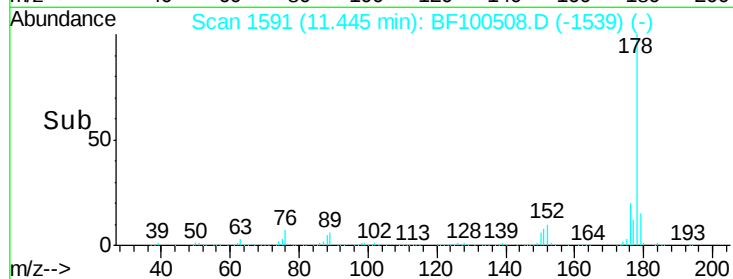
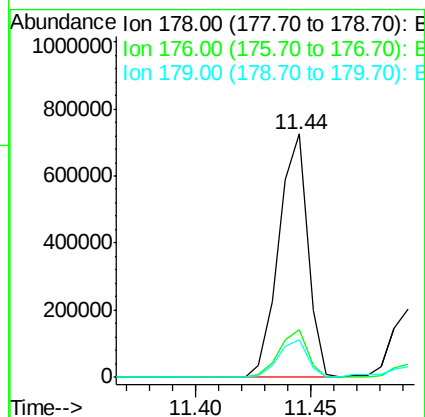
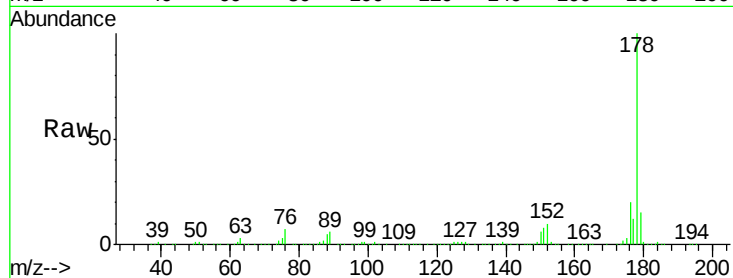




#70
Phenanthrene
Concen: 60.35 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

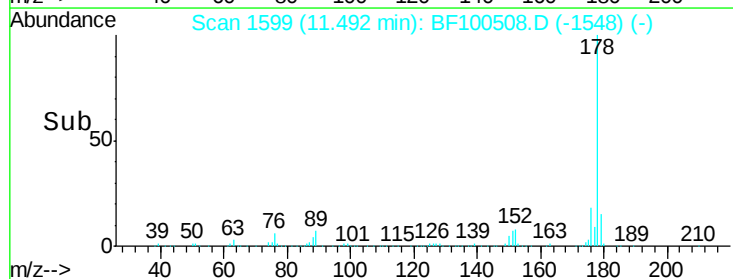
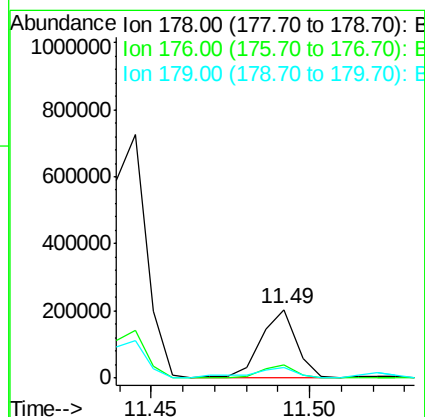
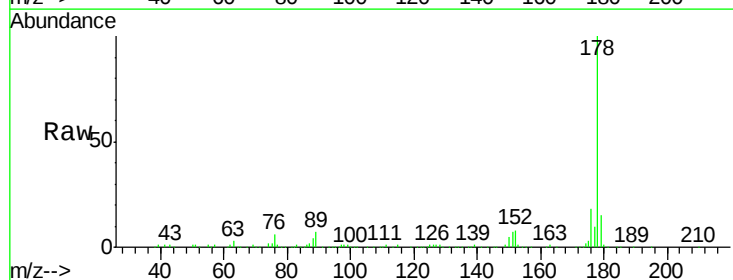
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

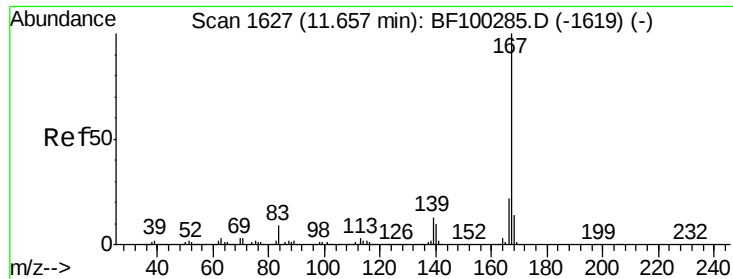
Tgt Ion:178 Resp: 631279
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.4 13.0 19.6



#71
Anthracene
Concen: 15.05 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

Tgt Ion:178 Resp: 159718
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.2 12.6 19.0





#72

Carbazole

Concen: 5.71 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

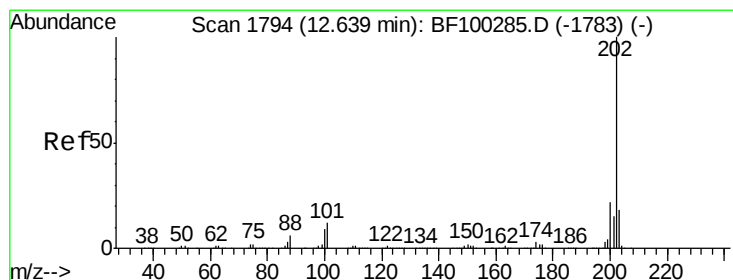
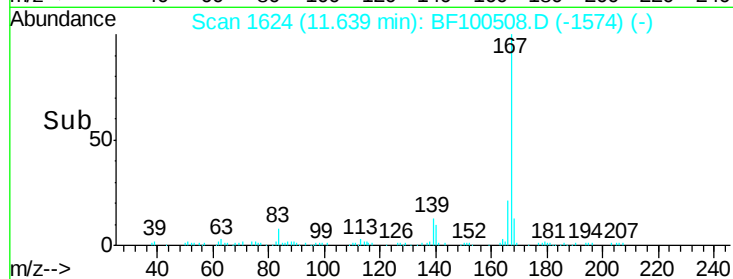
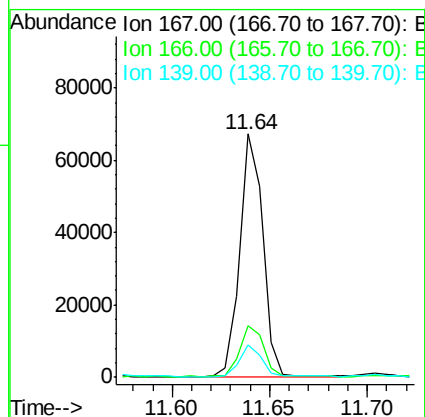
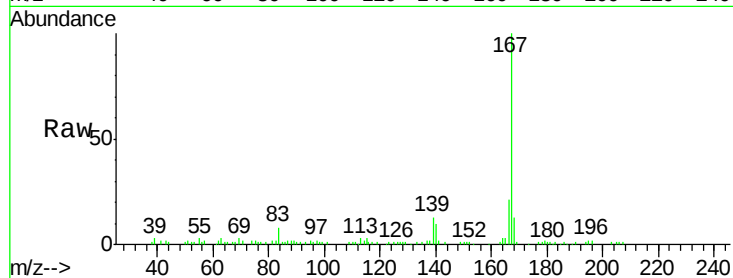
Instrument :

BNA_F

ClientSampleId :

JC-02-110917-D

Tgt Ion:	167	Resp:	55950
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	13.3	10.9	16.3



#74

Fluoranthene

Concen: 57.05 ng

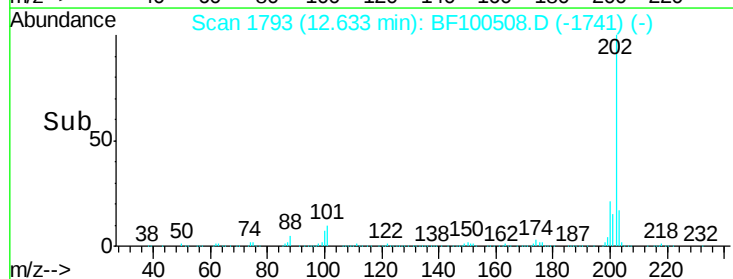
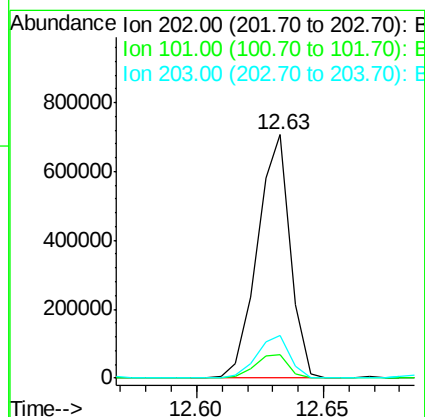
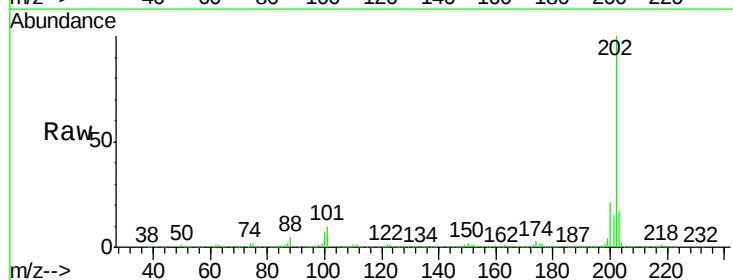
RT: 12.63 min Scan# 1793

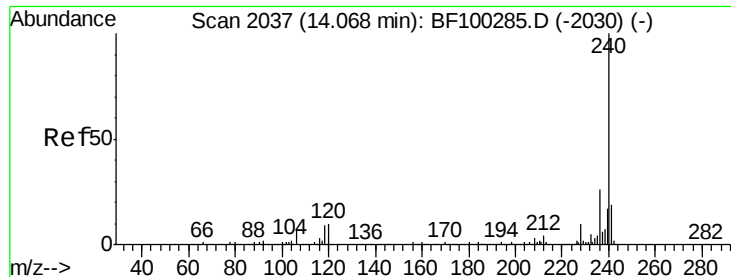
Delta R.T. 0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Tgt Ion:	202	Resp:	632494
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-D

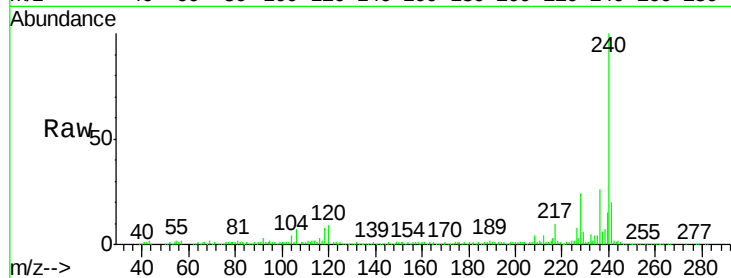
Tgt Ion:240 Resp: 179682

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

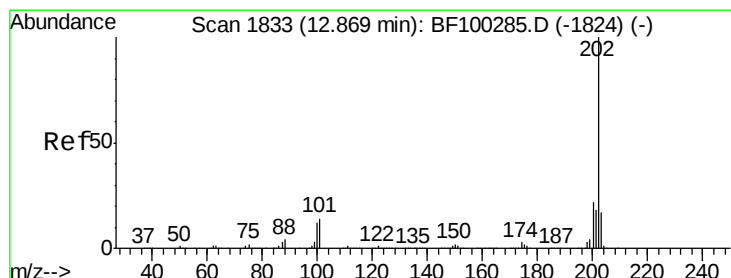
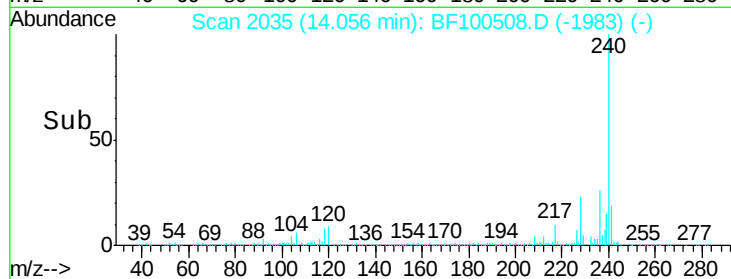
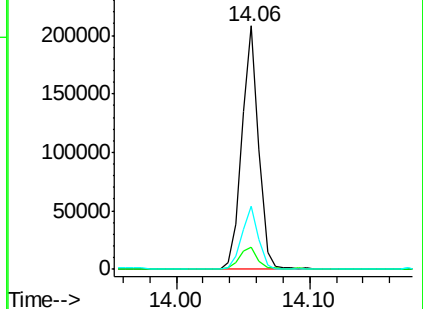
236 26.0 20.7 31.1



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: 43.26 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

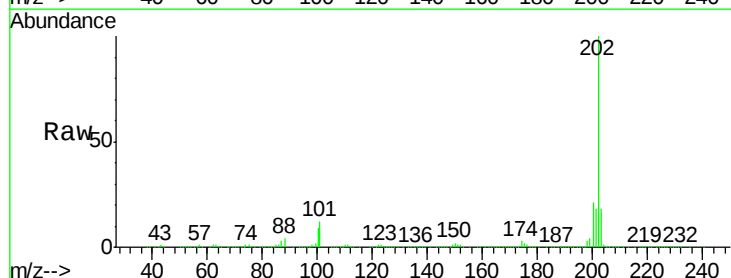
Tgt Ion:202 Resp: 554105

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

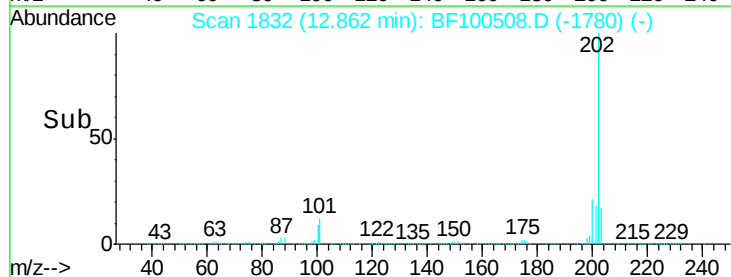
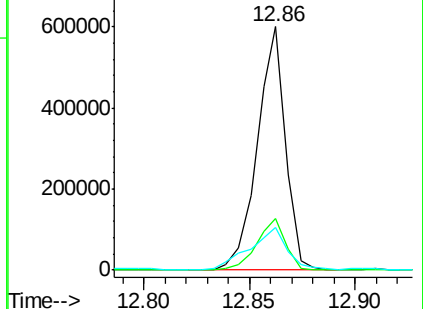
203 17.7 14.3 21.5

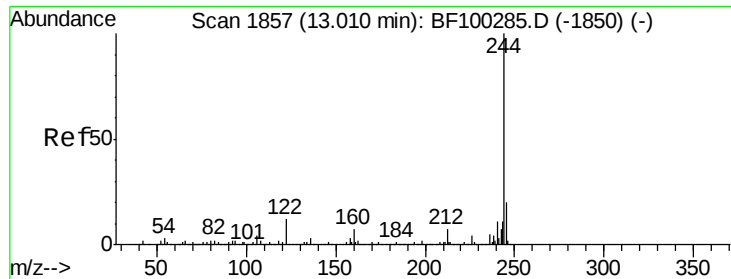


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 27.05 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-D

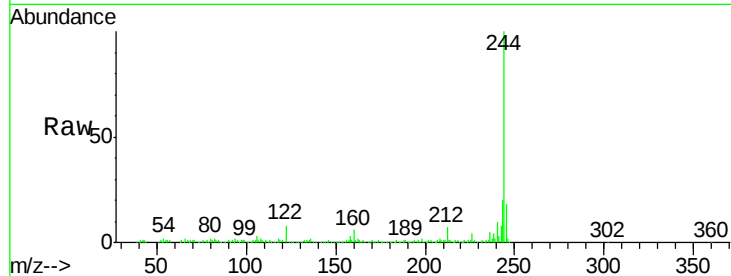
Tgt Ion:244 Resp: 211515

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

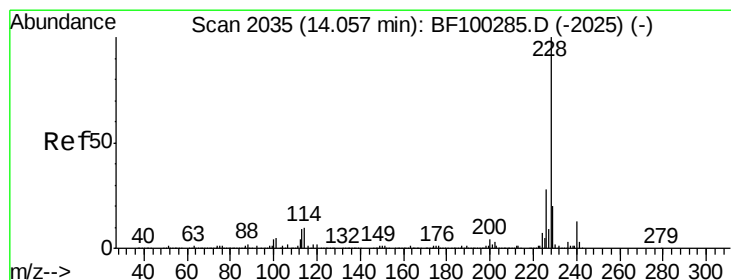
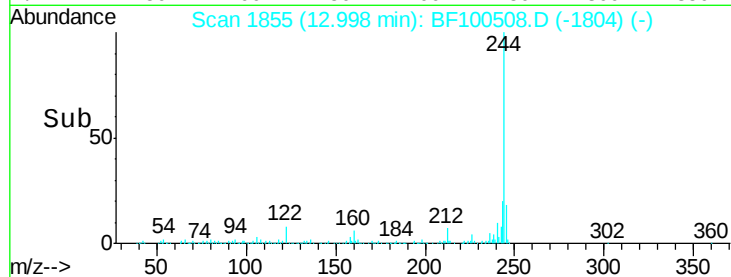
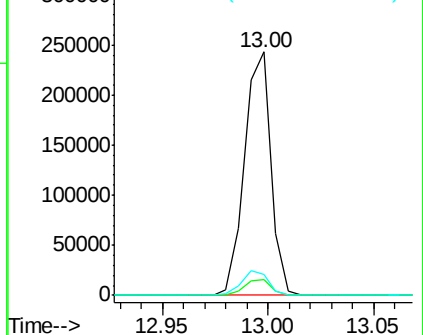
122 8.5 11.0 16.4#



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: 26.14 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

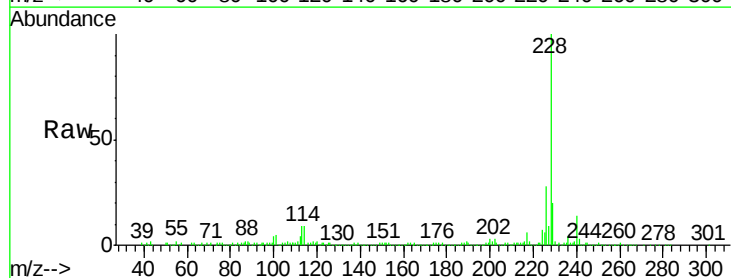
Tgt Ion:228 Resp: 282869

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

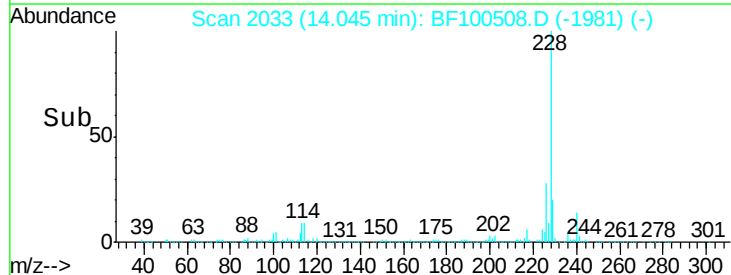
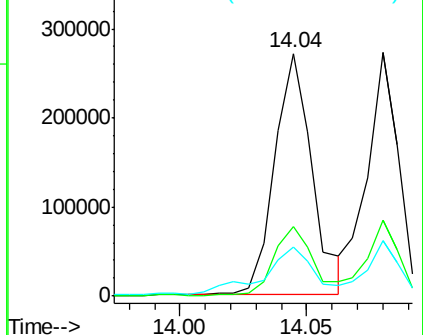
229 20.4 15.8 23.6

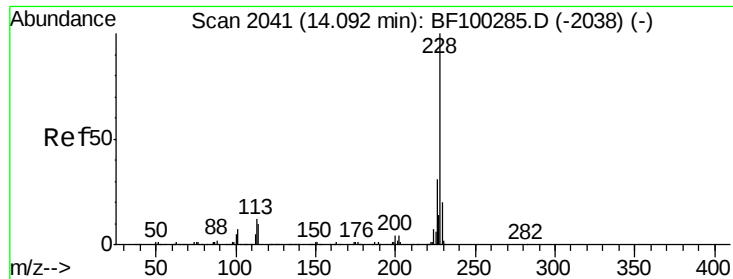


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 22.47 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-D

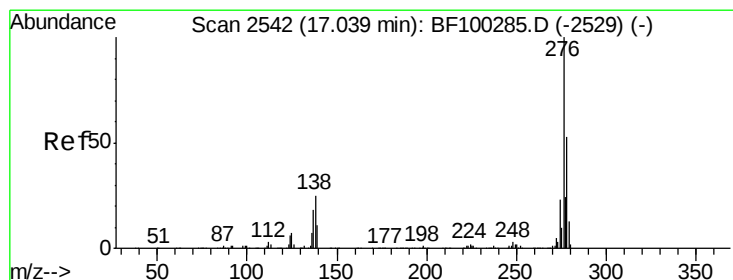
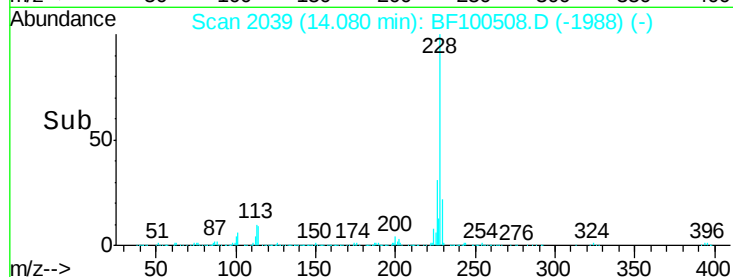
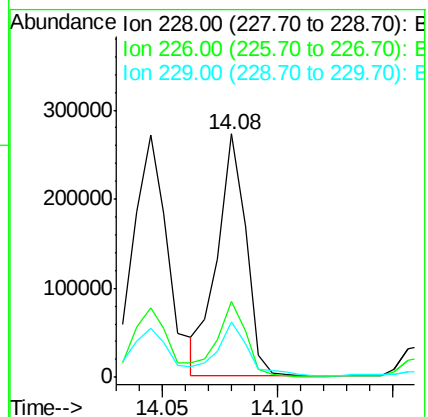
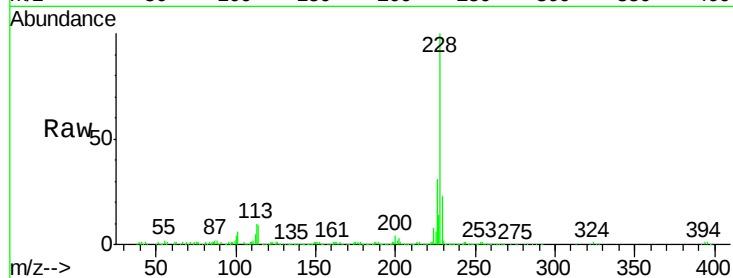
Tgt Ion:228 Resp: 235408

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 22.8 16.2 24.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 9.69 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

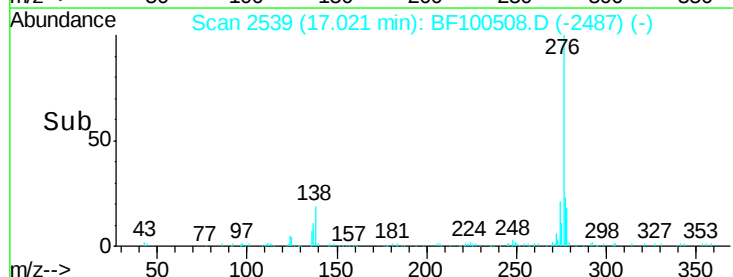
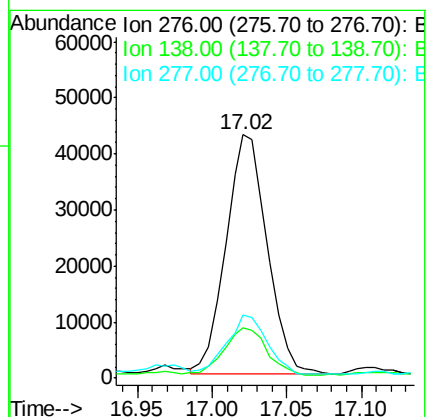
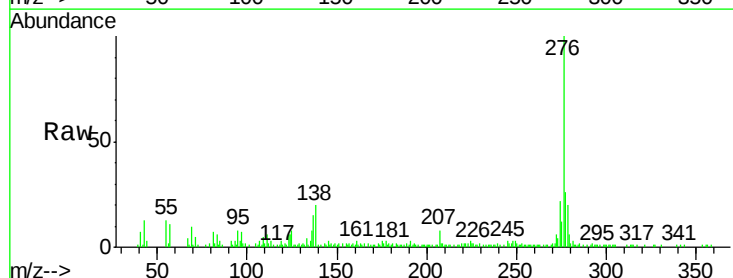
Tgt Ion:276 Resp: 82116

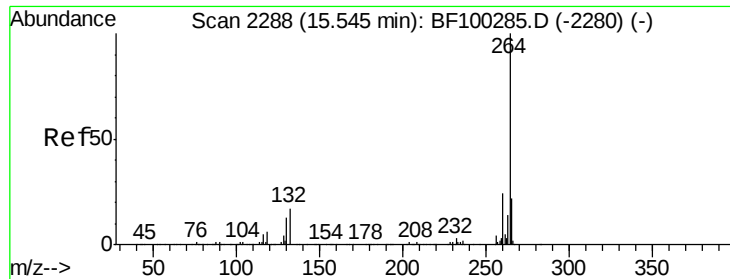
Ion Ratio Lower Upper

276 100

138 20.7 25.0 37.6#

277 24.5 20.1 30.1



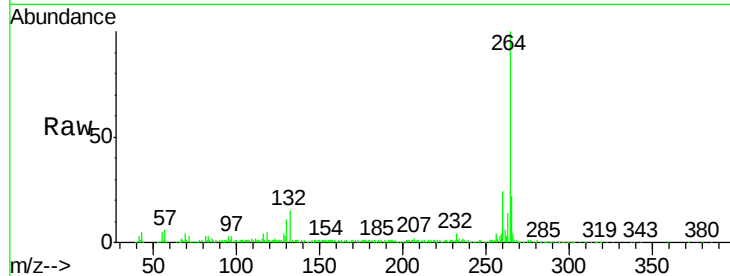


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

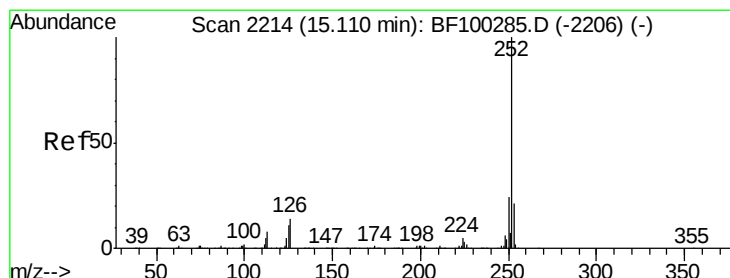
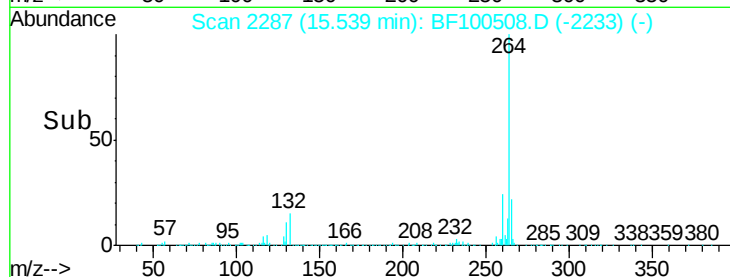
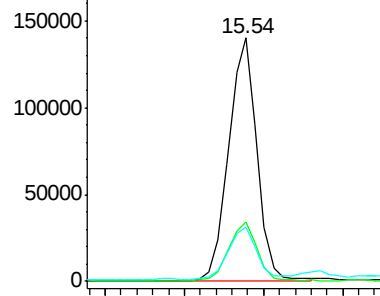
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Tgt Ion: 264 Resp: 172564

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.2	17.5	26.3



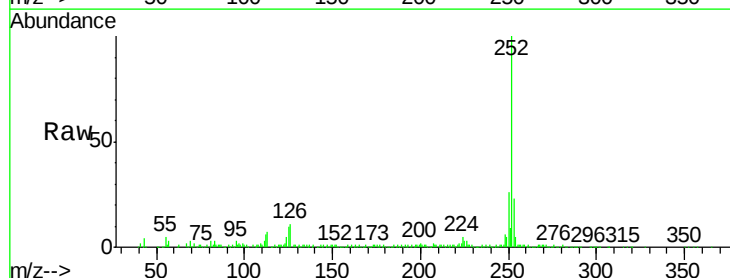
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



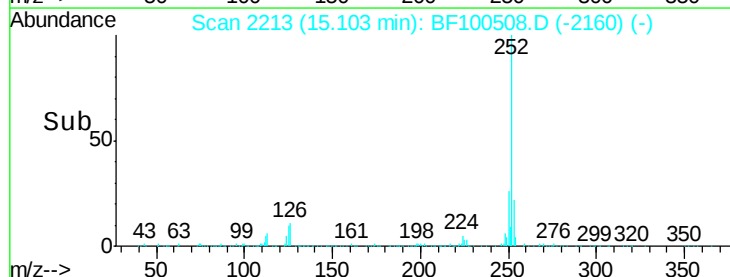
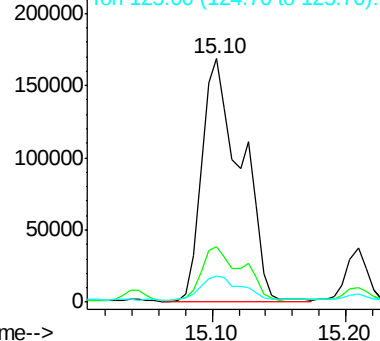
#87
Benzo(b)fluoranthene
Concen: 33.77 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

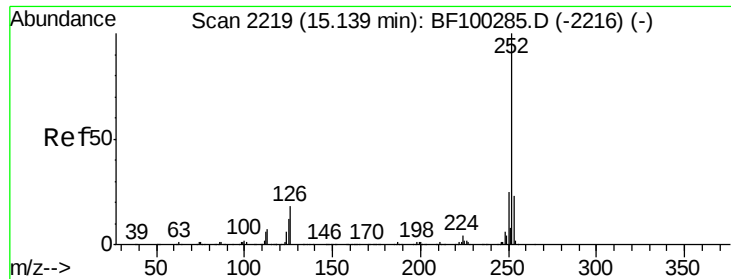
Tgt Ion: 252 Resp: 345198

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.4	9.0	13.6



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

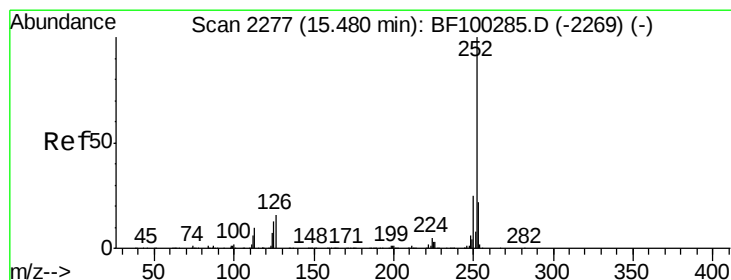
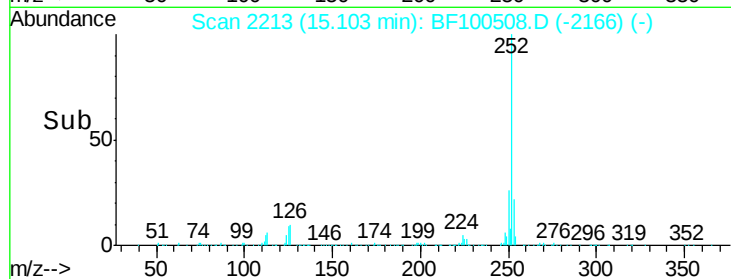
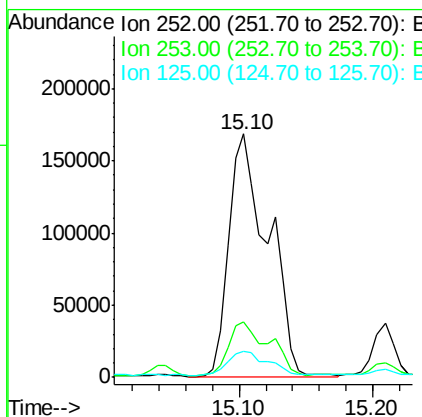
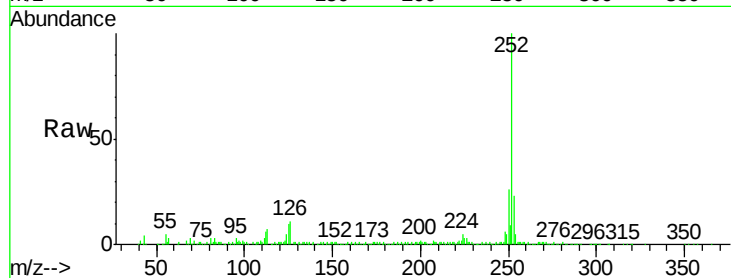




#88
Benzo(k)fluoranthene
Concen: 35.74 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

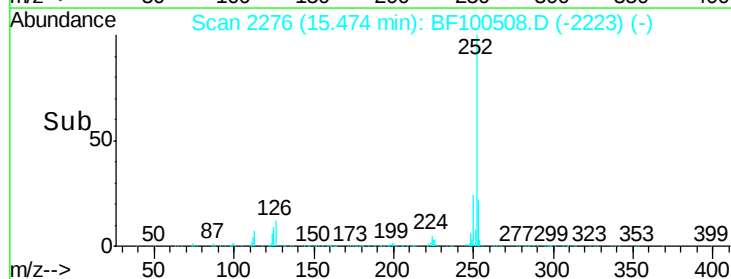
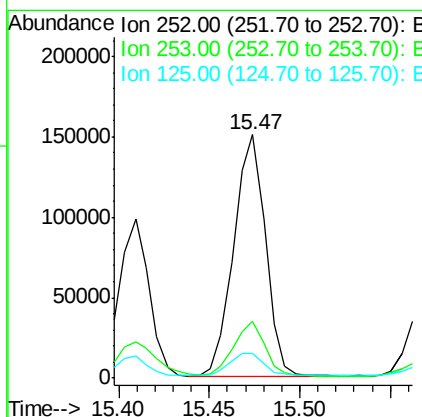
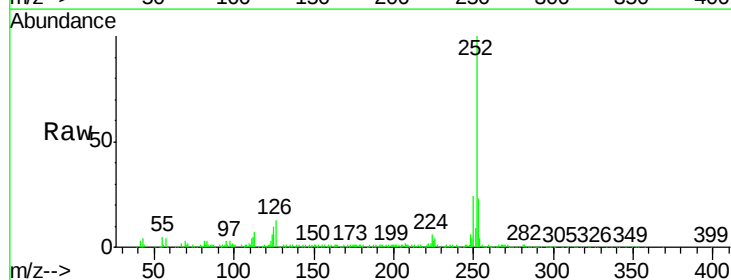
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

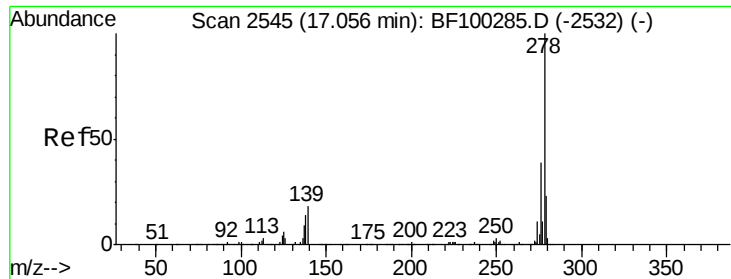
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.4	10.2	15.2



#89
Benzo(a)pyrene
Concen: 20.46 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 17:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	10.2	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.92 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-D

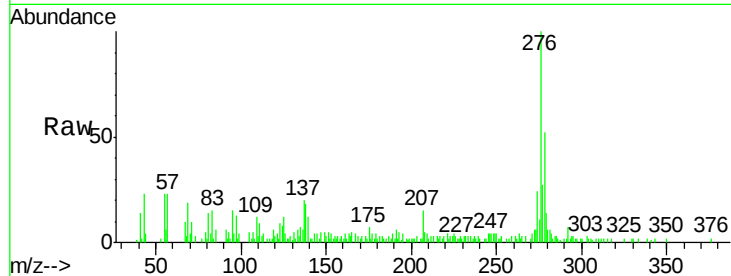
Tgt Ion:278 Resp: 21654

Ion Ratio Lower Upper

278 100

139 23.1 15.9 23.9

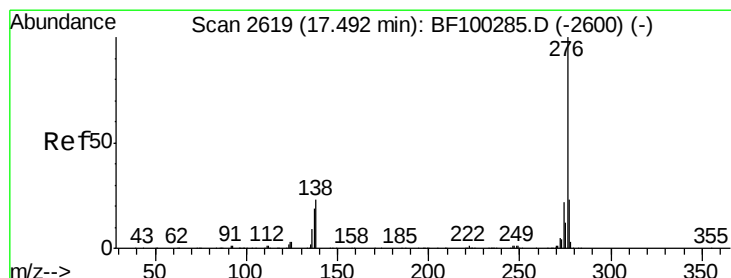
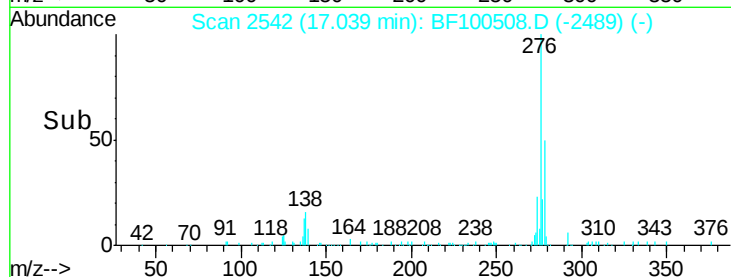
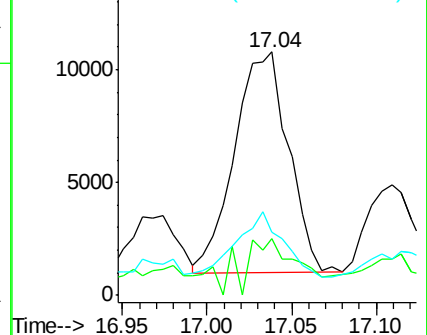
279 25.9 19.0 28.4



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: 10.00 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.01 min

Lab File: BF100508.D

Acq: 13 Nov 2017 17:47

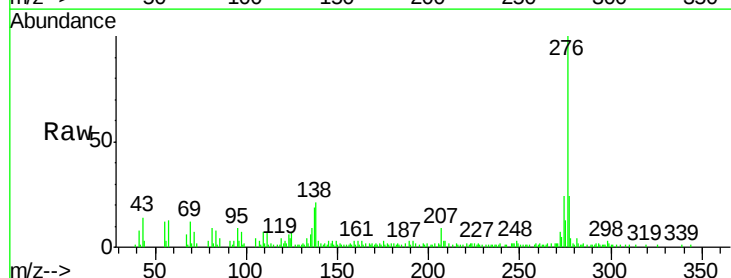
Tgt Ion:276 Resp: 72583

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 20.9 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

