

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
 Data File : BF100632.D
 Acq On : 16 Nov 2017 15:58
 Operator : SJ/JU
 Sample : I6302-01DL 50X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-ADL

Quant Time: Nov 16 16:36:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	113538	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	458753	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	206510	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	361235	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	236675	20.00	ng	-0.03
86) Perylene-d12	15.52	264	276153	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	12569	1.77	ng	-0.02
7) Phenol-d6	6.49	99	17730	2.03	ng	-0.03
23) Nitrobenzene-d5	7.43	82	9972	1.44	ng	-0.04
41) 2,4,6-Tribromophenol	10.70	330	1624	0.77	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	23584	1.74	ng	-0.03
78) Terphenyl-d14	12.98	244	16412	1.59	ng	-0.03

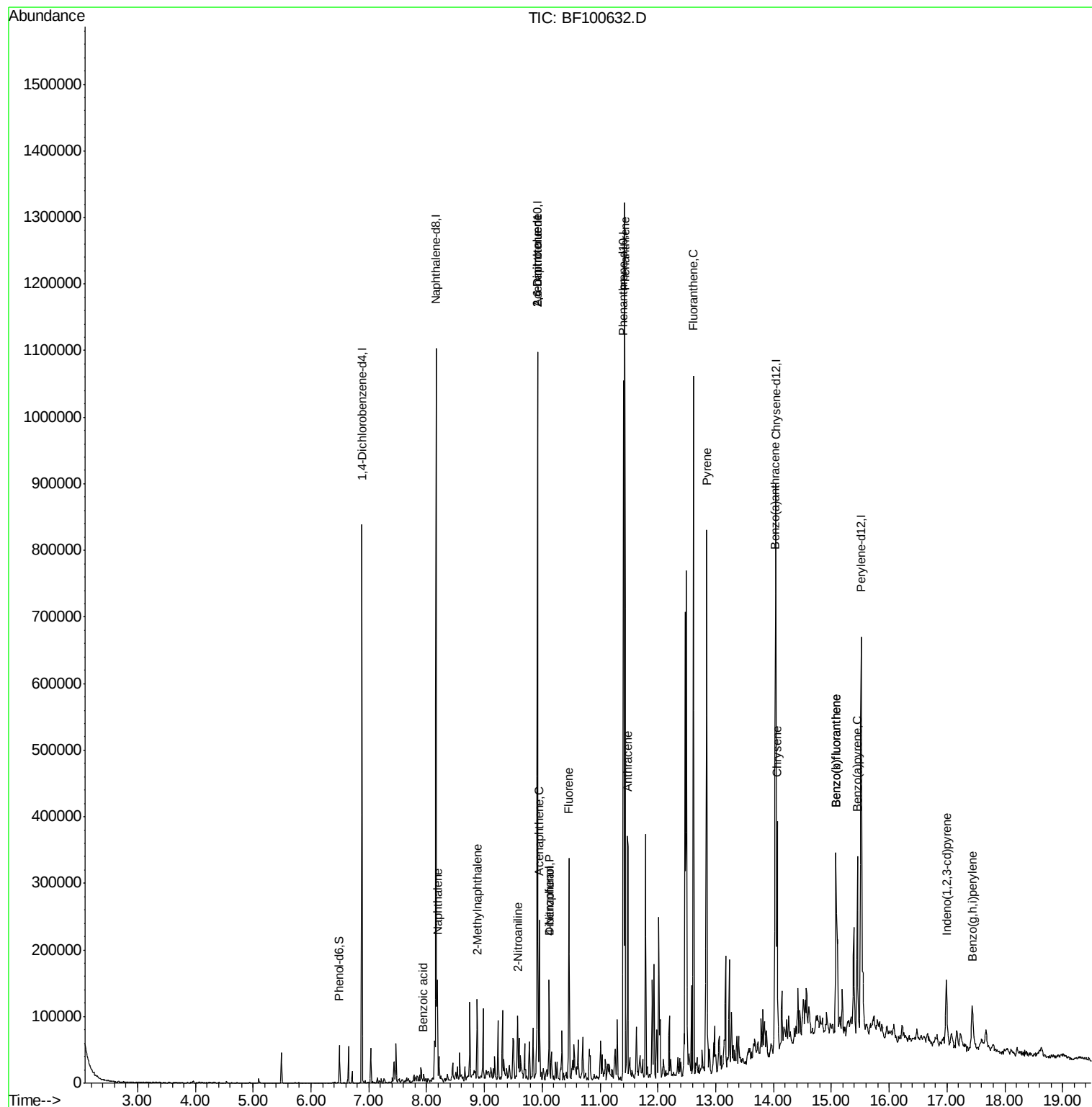
Target Compounds				Qvalue		
31) Naphthalene	8.19	128	61981	2.805	ng	99
32) Benzoic acid	7.94	122	132	9.392	ng	# 1
37) 2-Methylnaphthalene	8.87	142	29445	2.007	ng	96
47) 2-Nitroaniline	9.57	65	256	2.847	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	28045	8.986	ng	# 25
51) Acenaphthene	9.95	154	48744	3.732	ng	95
54) Dibenzofuran	10.12	168	53891	2.944	ng	95
55) 4-Nitrophenol	10.12	139	18501	6.182	ng	# 11
56) 2,4-Dinitrotoluene	9.92	165	28045	7.123	ng	# 23
57) Fluorene	10.46	166	84788	6.323	ng	98
70) Phenanthrene	11.43	178	443537	23.320	ng	99
71) Anthracene	11.48	178	149962	7.772	ng	98
74) Fluoranthene	12.62	202	383576	19.029	ng	96
77) Pyrene	12.84	202	321980	19.085	ng	98
80) Benzo(a)anthracene	14.03	228	148405	10.413	ng	97
82) Chrysene	14.06	228	123678	8.961	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	63046	5.648	ng	# 91
87) Benzo(b)fluoranthene	15.08	252	211839	12.948	ng	97
88) Benzo(k)fluoranthene	15.08	252	211839	13.704	ng	99
89) Benzo(a)pyrene	15.45	252	123708	8.529	ng	99
91) Benzo(g,h,i)perylene	17.44	276	54731	4.714	ng	# 90

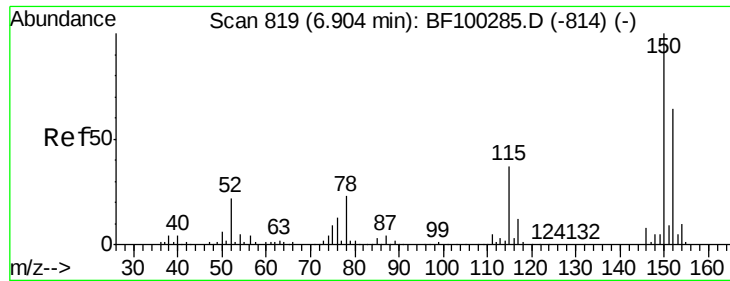
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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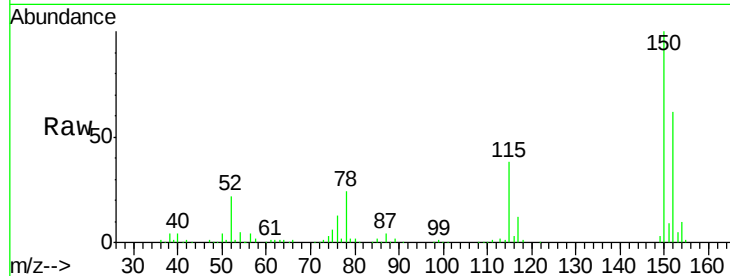


#1

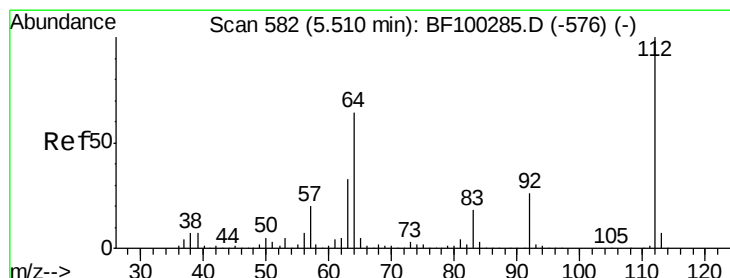
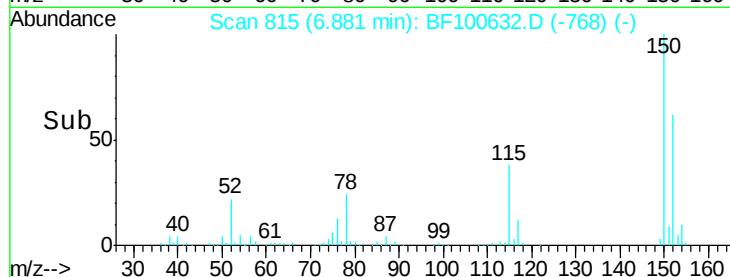
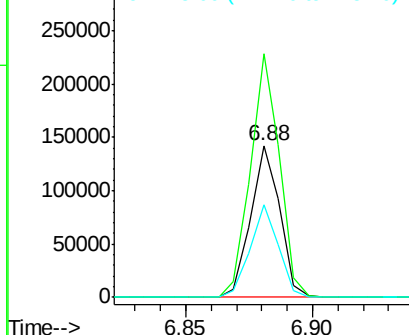
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF100632.D
Acq: 16 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-ADL

Tgt Ion:152 Resp: 113538
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 61.2 50.1 75.1



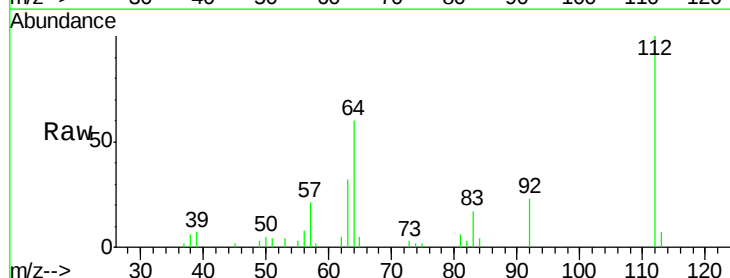
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



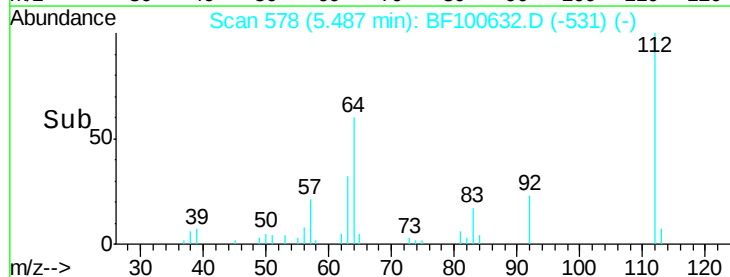
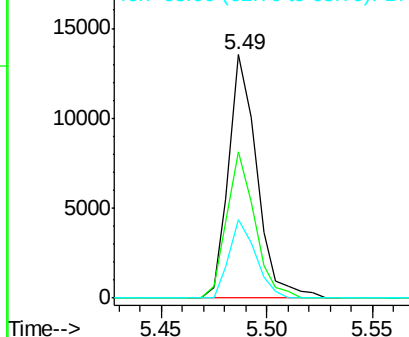
#5

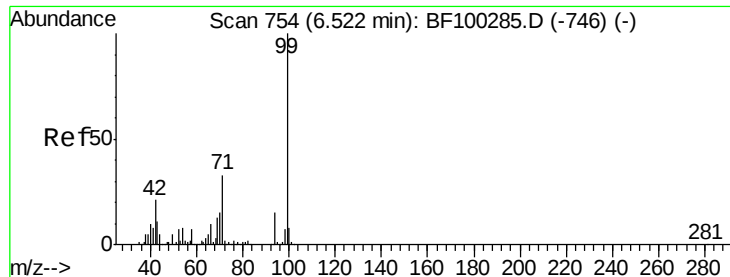
2-Fluorophenol
Concen: 1.775 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF100632.D
Acq: 16 Nov 2017 15:58

Tgt Ion:112 Resp: 12569
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 32.2 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: 2.030 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

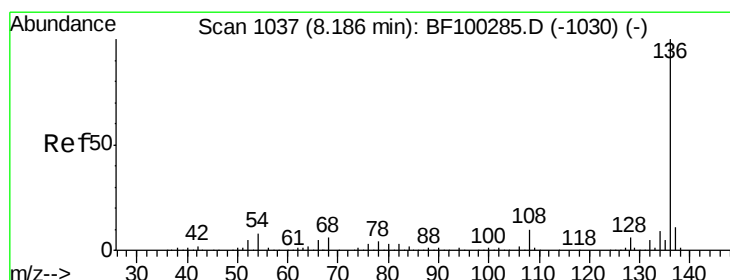
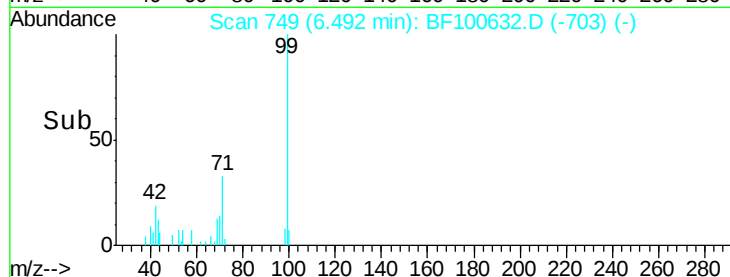
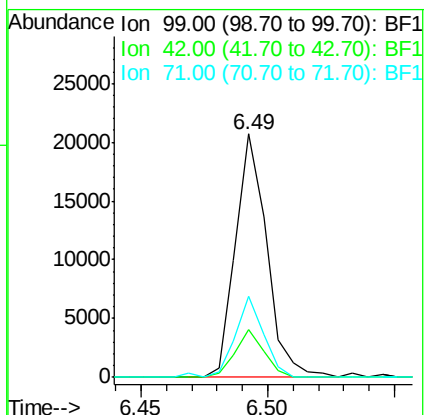
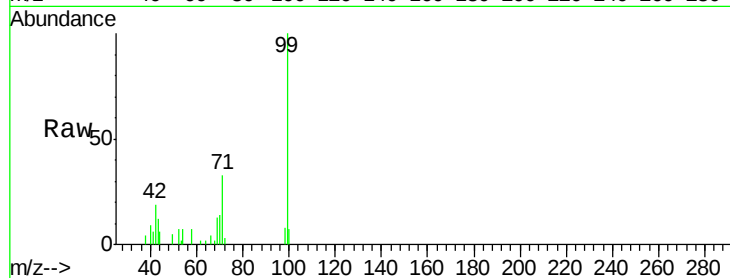
Tgt Ion: 99 Resp: 17730

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Tgt Ion: 136 Resp: 458753

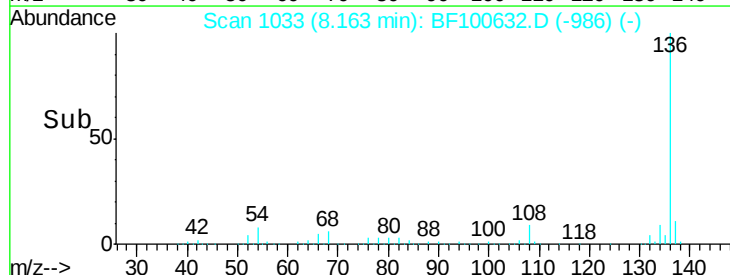
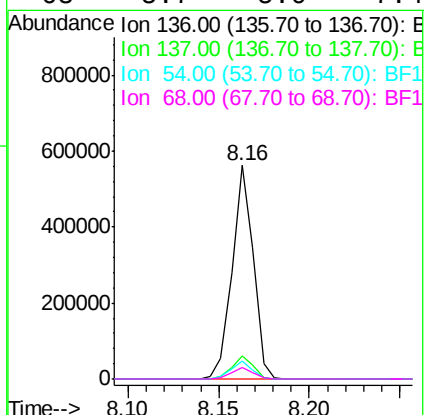
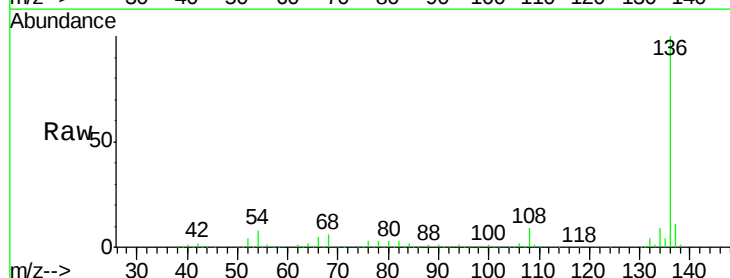
Ion Ratio Lower Upper

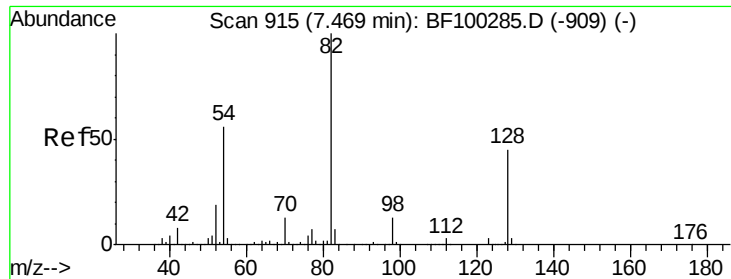
136 100

137 10.8 8.9 13.3

54 8.3 6.6 9.8

68 5.7 5.0 7.4

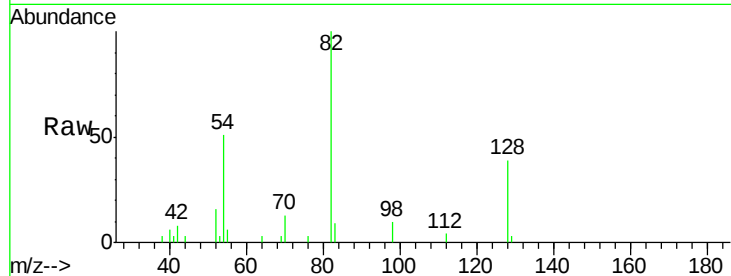




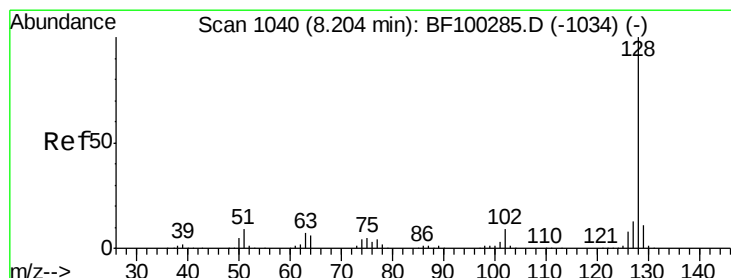
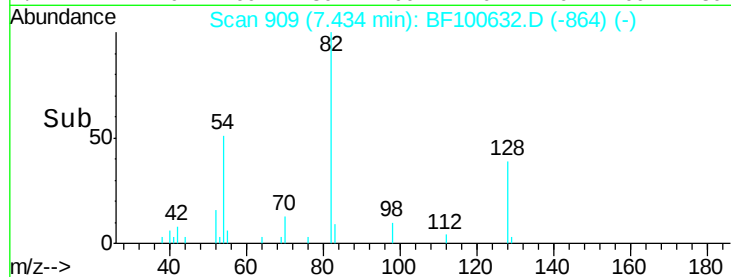
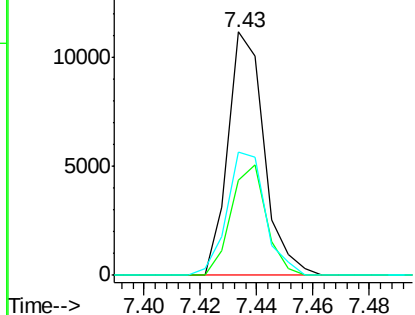
#23
 Nitrobenzene-d5
 Concen: 1.437 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.04 min
 Lab File: BF100632.D
 Acq: 16 Nov 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-ADL

Tgt Ion: 82 Resp: 9972
 Ion Ratio Lower Upper
 82 100
 128 39.2 36.1 54.1
 54 50.6 41.4 62.2

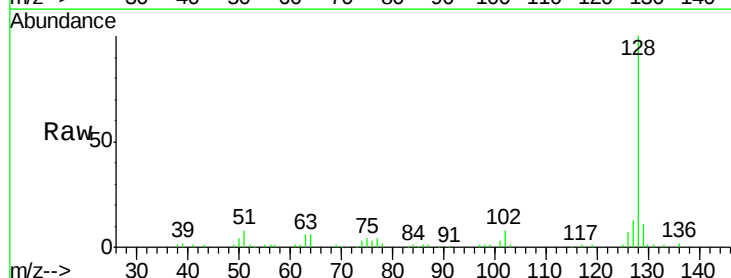


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

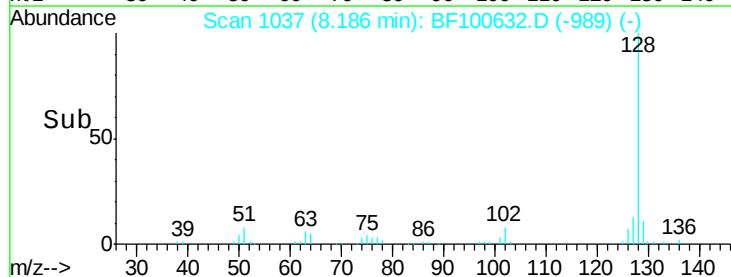
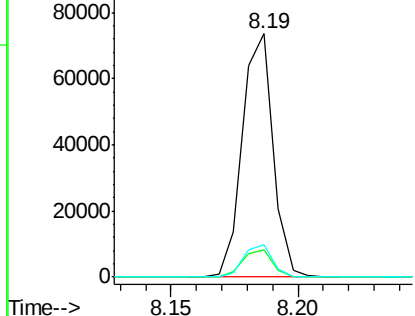


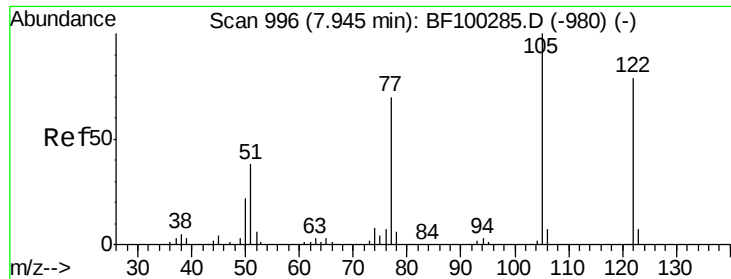
#31
 Naphthalene
 Concen: 2.805 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF100632.D
 Acq: 16 Nov 2017 15:58

Tgt Ion: 128 Resp: 61981
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 9.392 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

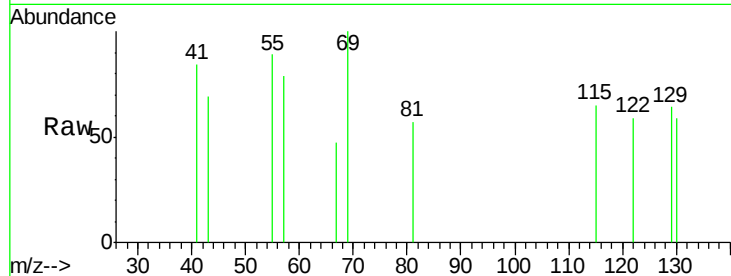
Tgt Ion:122 Resp: 132

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

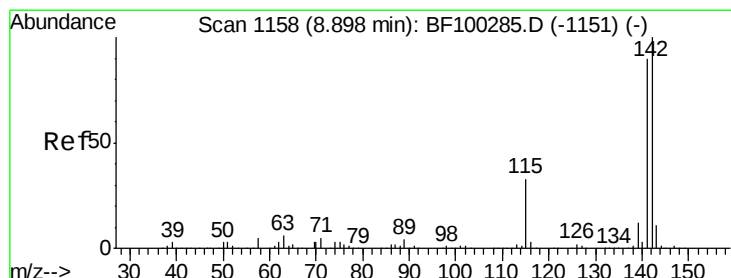
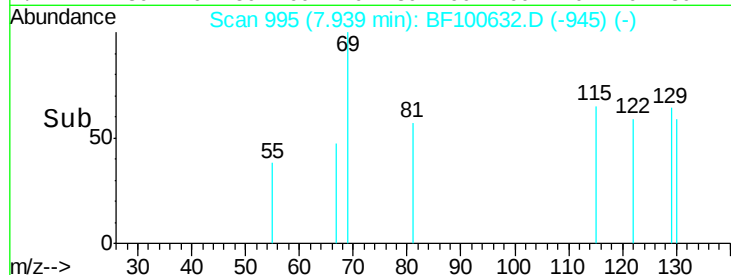
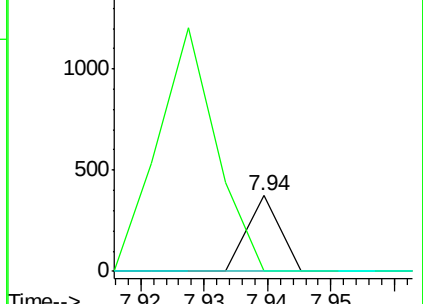
77 0.0 70.7 110.7#



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: 2.007 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

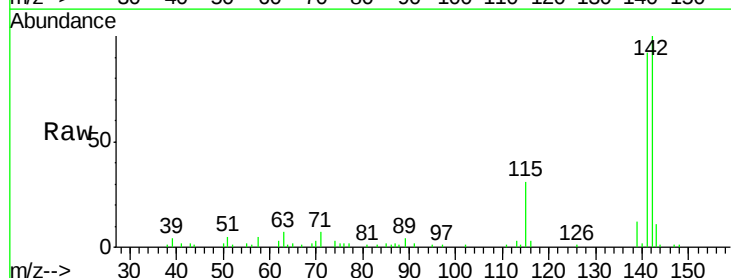
Tgt Ion:142 Resp: 29445

Ion Ratio Lower Upper

142 100

141 91.9 70.8 106.2

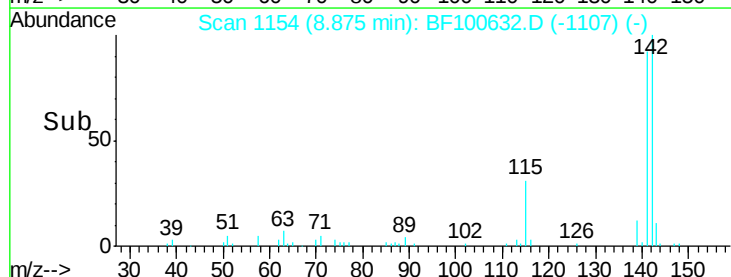
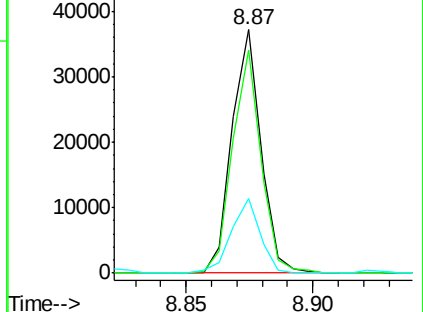
115 30.7 26.1 39.1

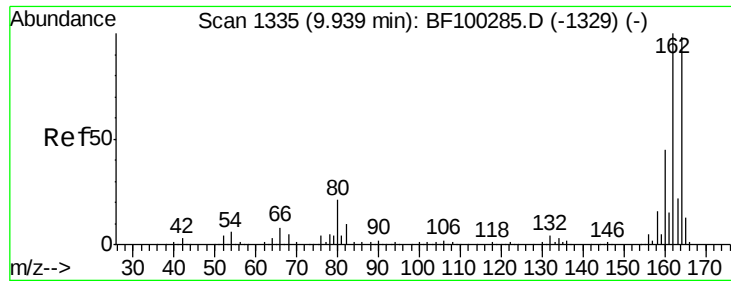


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

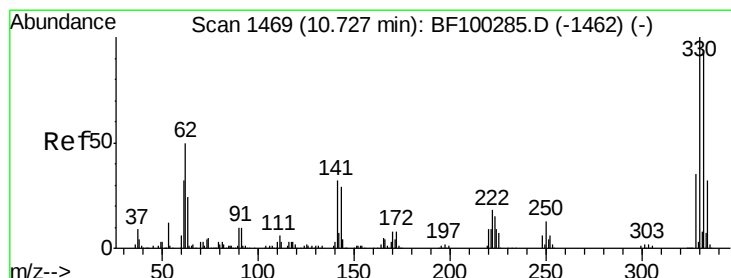
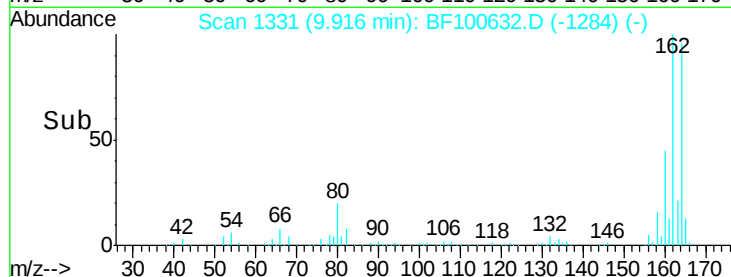
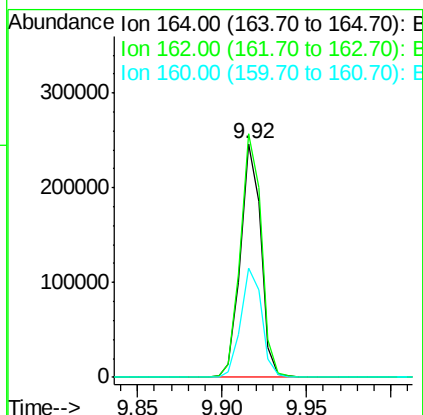
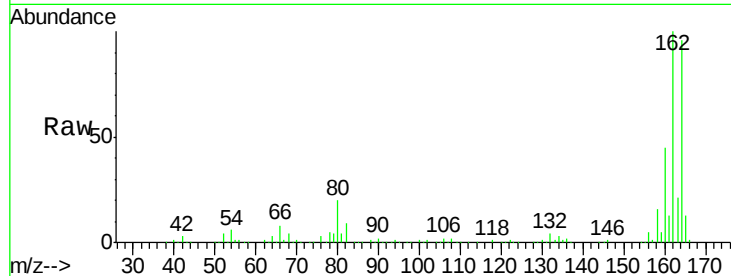




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF100632.D
 Acq: 16 Nov 2017 15:58

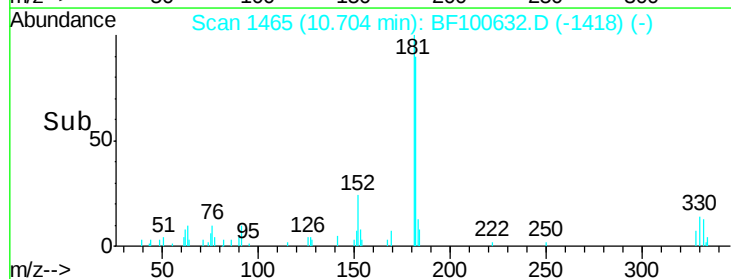
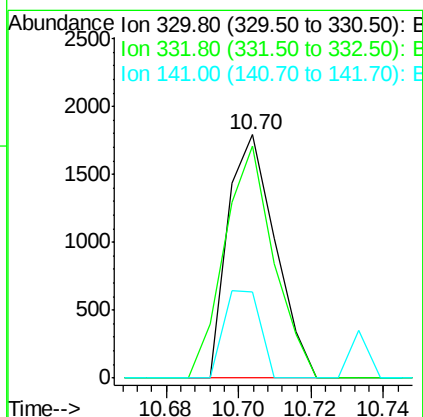
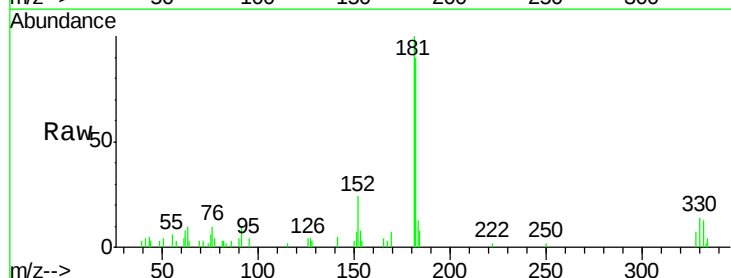
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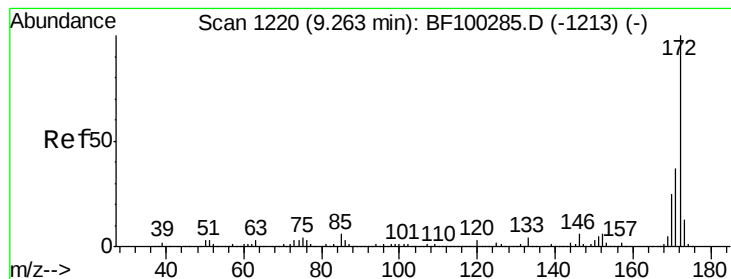
Tgt Ion:164 Resp: 206510
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 0.772 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF100632.D
 Acq: 16 Nov 2017 15:58

Tgt Ion:330 Resp: 1624
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.0 115.6
 141 27.8 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 1.739 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.03 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

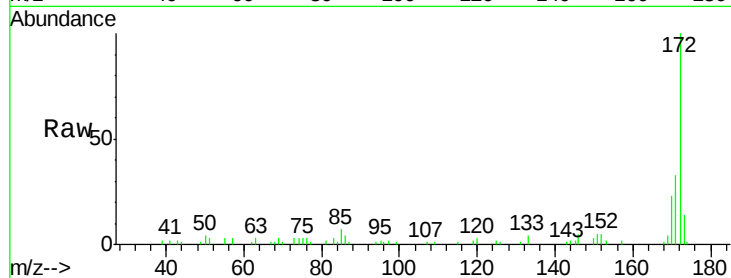
Tgt Ion: 172 Resp: 23584

Ion Ratio Lower Upper

172 100

171 33.0 29.7 44.5

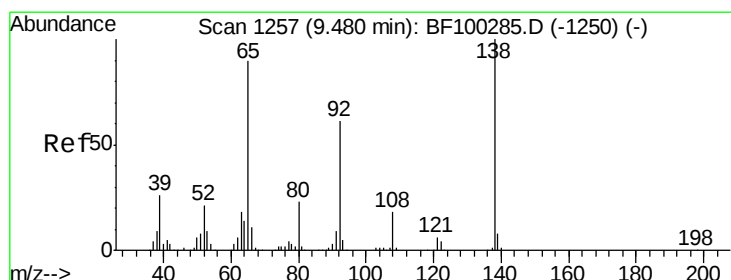
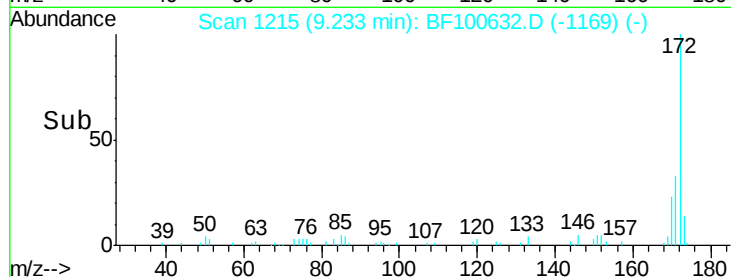
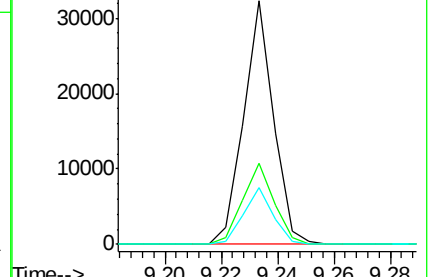
170 23.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#47

2-Nitroaniline

Concen: 2.847 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.09 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

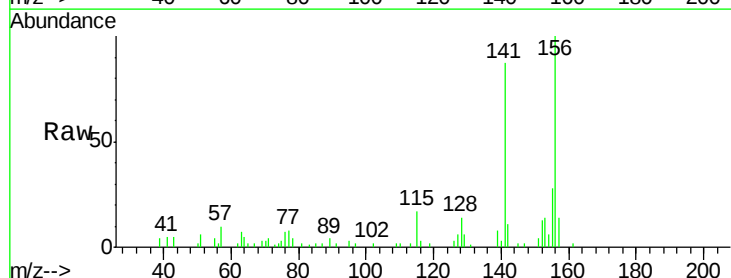
Tgt Ion: 65 Resp: 256

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

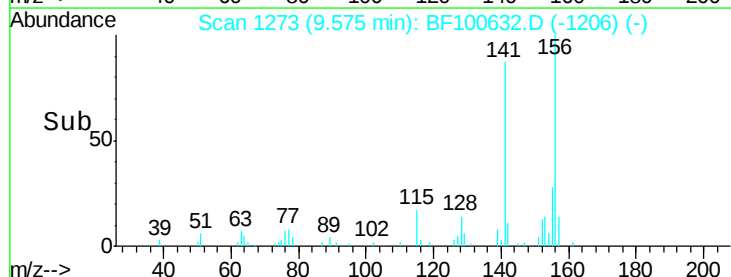
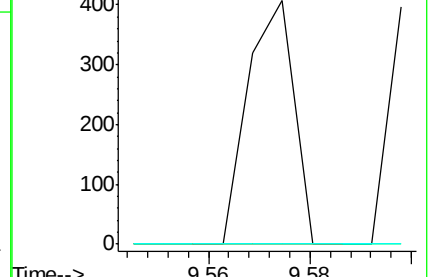
138 0.0 91.2 136.8#

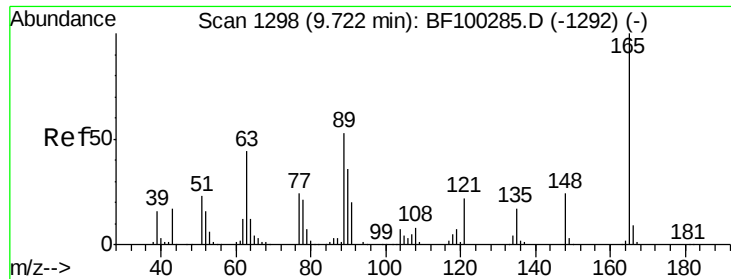


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

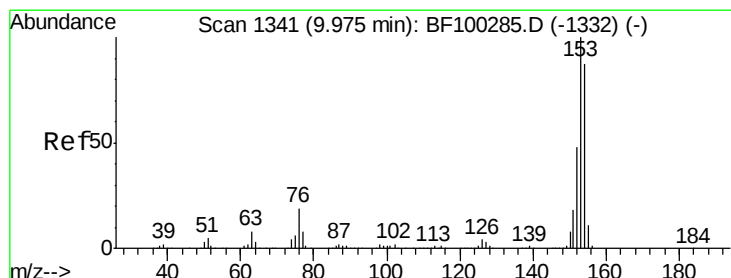
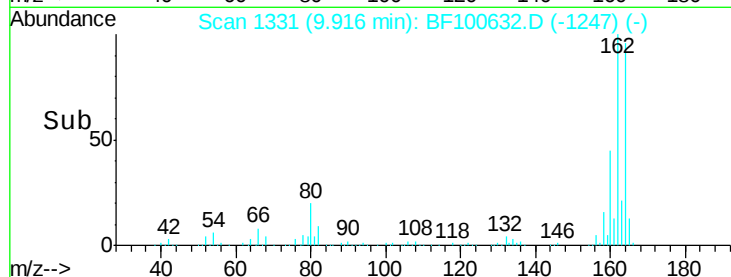
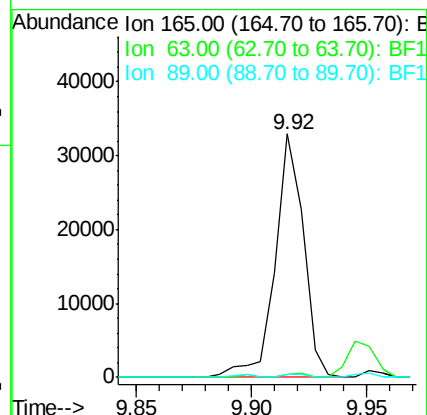
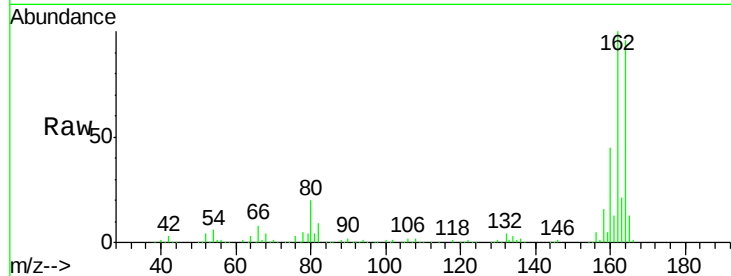




#50
 2,6-Dinitrotoluene
 Concen: 8.986 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.19 min
 Lab File: BF100632.D
 Acq: 16 Nov 2017 15:58

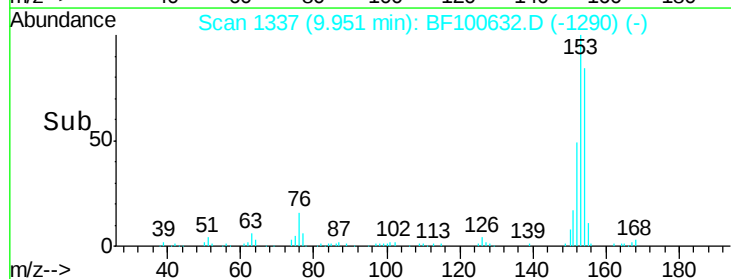
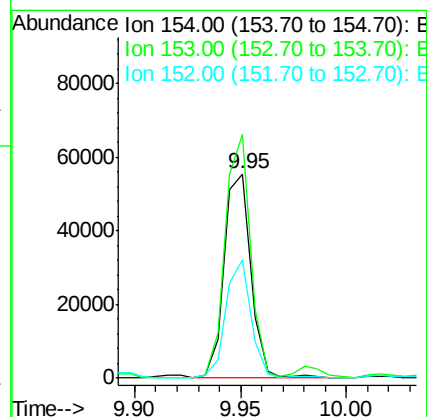
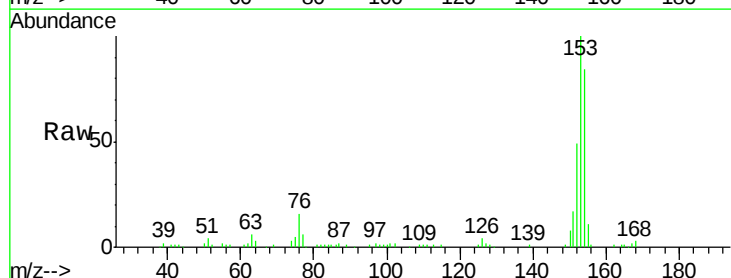
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-ADL

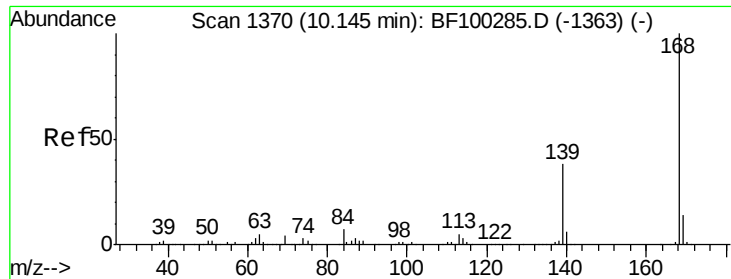
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



#51
 Acenaphthene
 Concen: 3.732 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF100632.D
 Acq: 16 Nov 2017 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.2	91.2	136.8
152	58.1	43.8	65.8





#54

Dibenzenofuran

Concen: 2.944 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

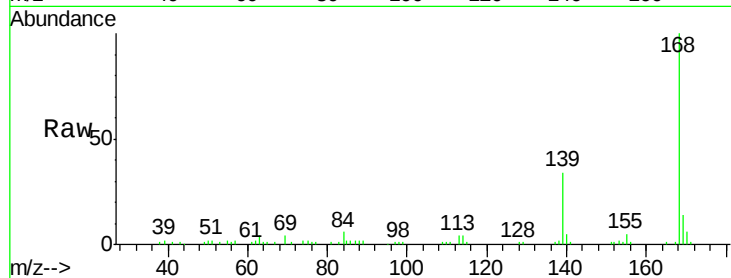
Tgt Ion:168 Resp: 53891

Ion Ratio Lower Upper

168 100

139 33.5 30.1 45.1

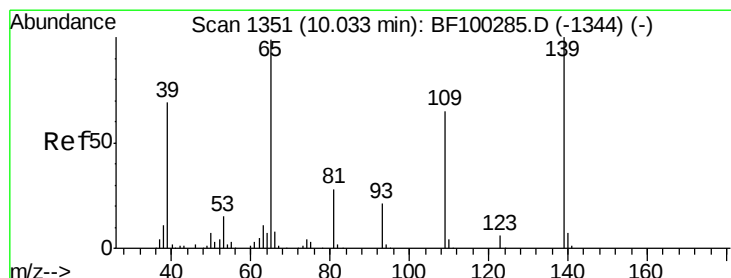
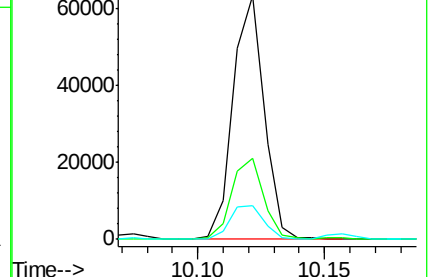
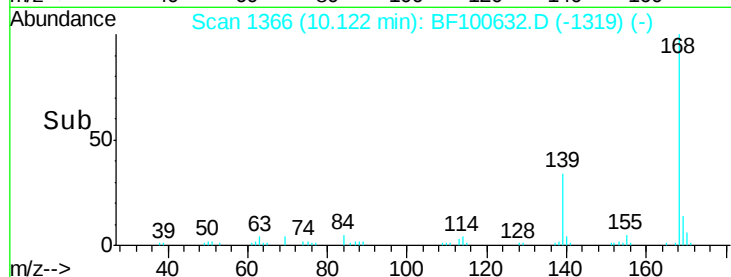
169 14.1 10.9 16.3



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: 6.182 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.09 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

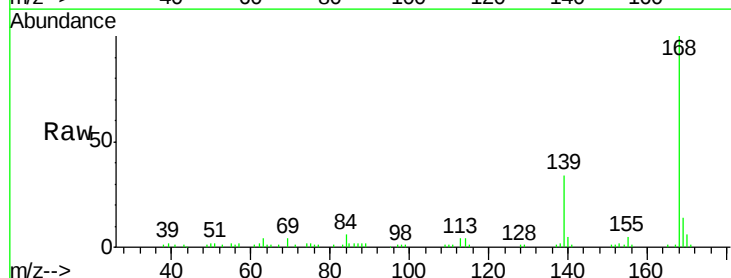
Tgt Ion:139 Resp: 18501

Ion Ratio Lower Upper

139 100

109 1.7 48.4 88.4#

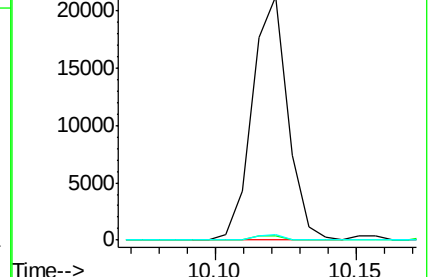
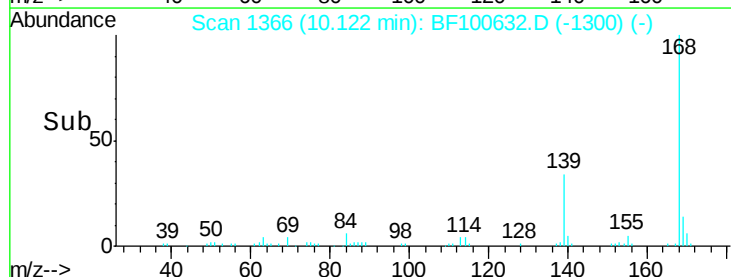
65 2.3 72.6 112.6#

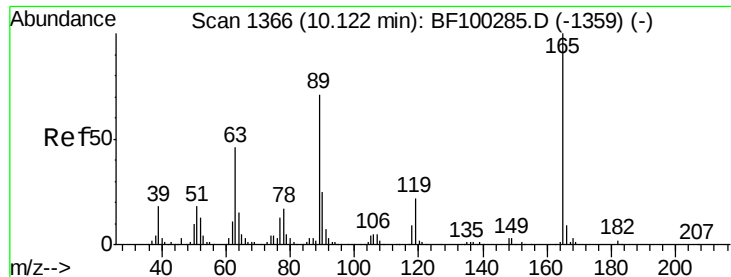


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

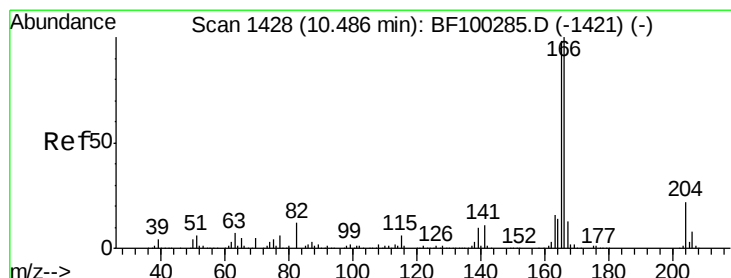
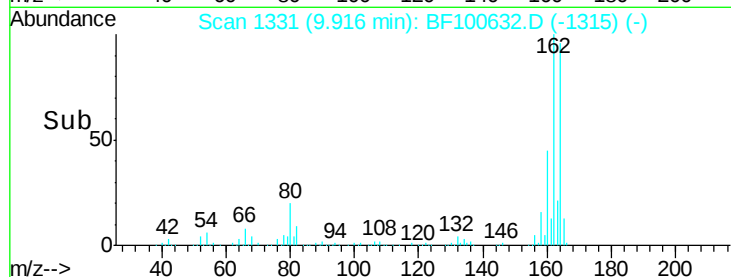
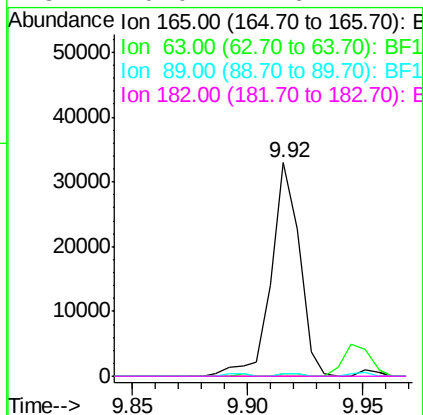
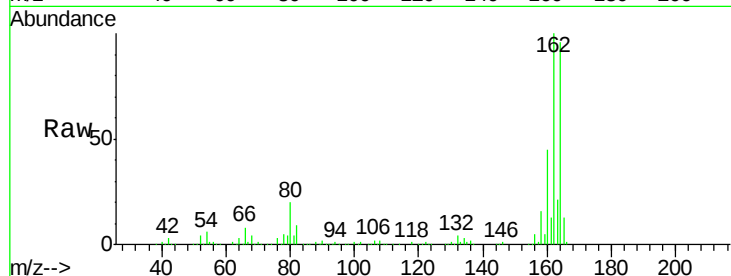




#56
2,4-Dinitrotoluene
Concen: 7.123 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.21 min
Lab File: BF100632.D
Acq: 16 Nov 2017 15:58

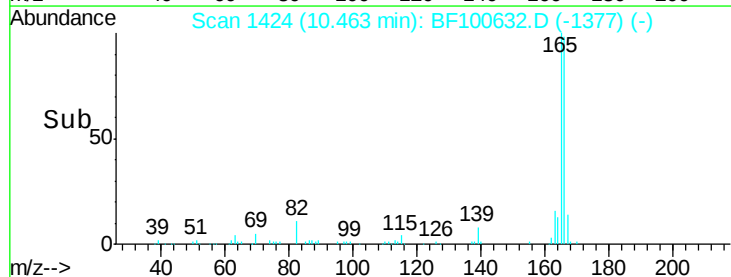
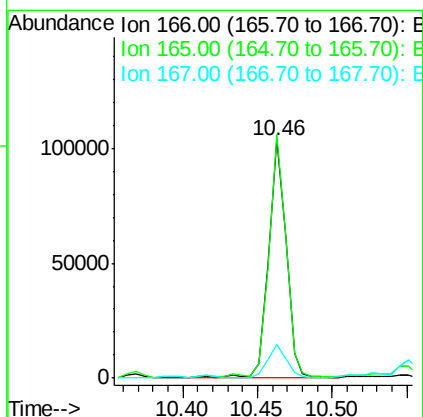
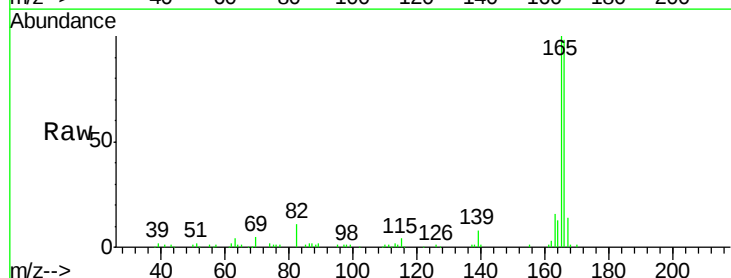
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-ADL

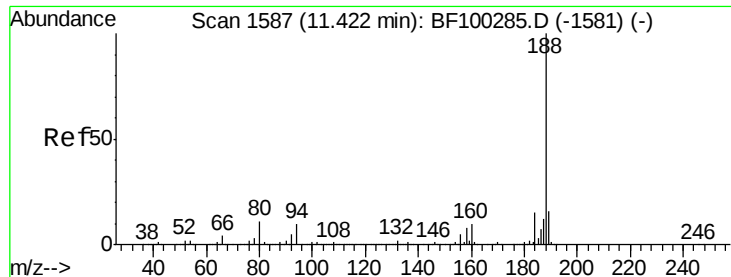
Tgt Ion:	165	Resp:	28045
Ion Ratio	Lower	Upper	
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 6.323 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF100632.D
Acq: 16 Nov 2017 15:58

Tgt Ion:	166	Resp:	84788
Ion Ratio	Lower	Upper	
166	100		
165	102.3	79.8	119.8
167	14.0	10.6	16.0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.02 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

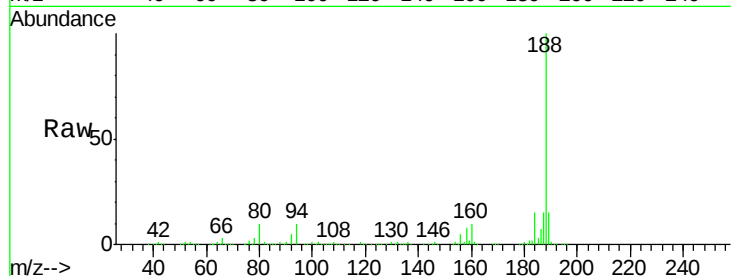
Tgt Ion:188 Resp: 361235

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

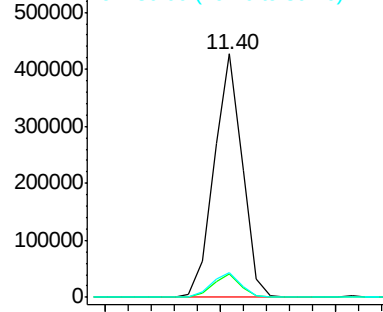
80 10.0 9.2 13.8



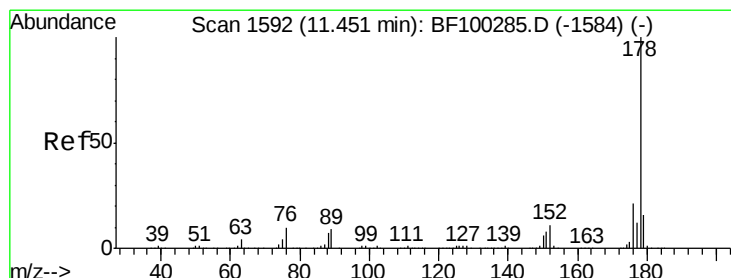
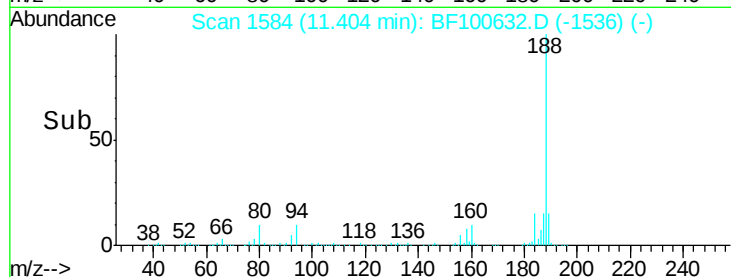
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.35 11.40 11.45



#70

Phenanthrene

Concen: 23.320 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

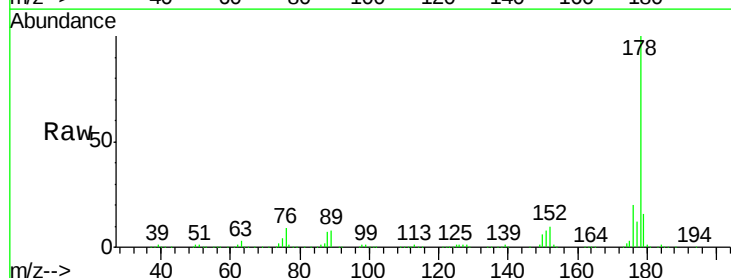
Tgt Ion:178 Resp: 443537

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

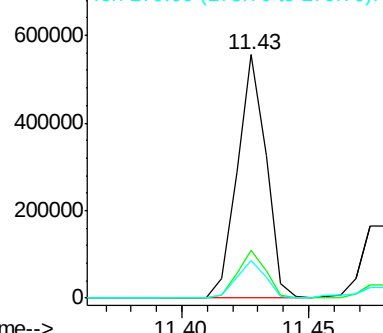
179 15.7 13.0 19.6



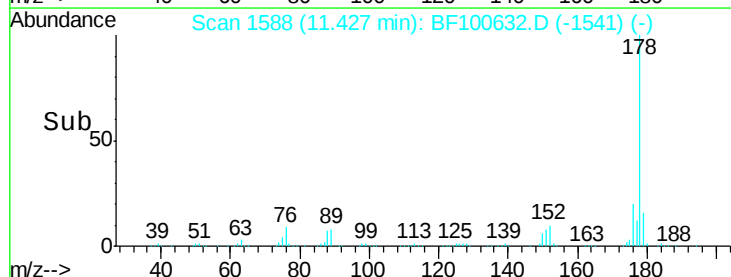
Abundance Ion 178.00 (177.70 to 178.70): E

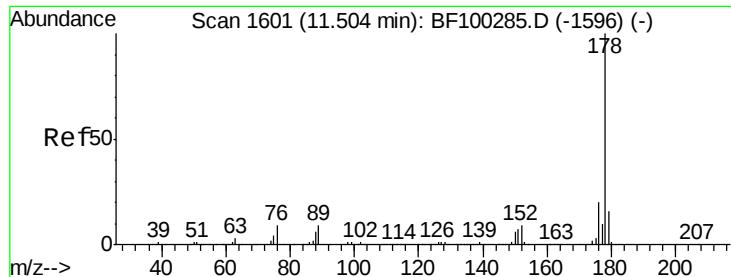
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.40 11.45

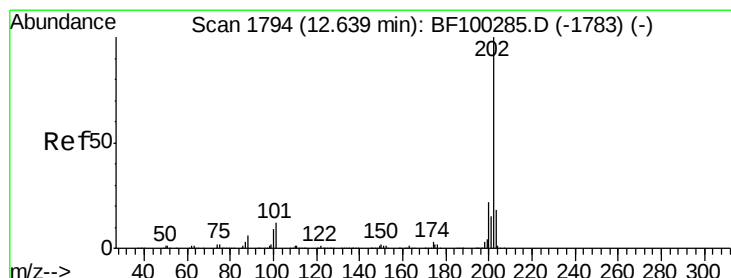
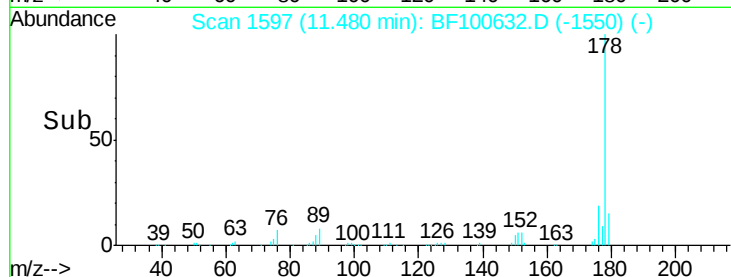
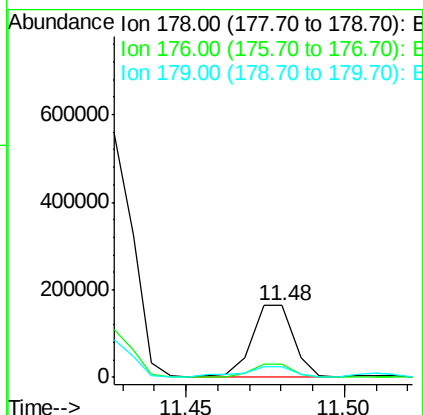
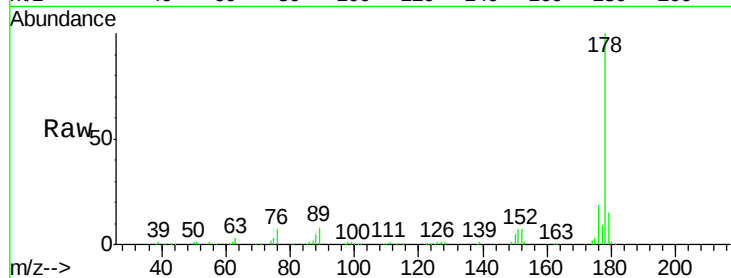




#71
 Anthracene
 Concen: 7.772 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF100632.D
 Acq: 16 Nov 2017 15:58

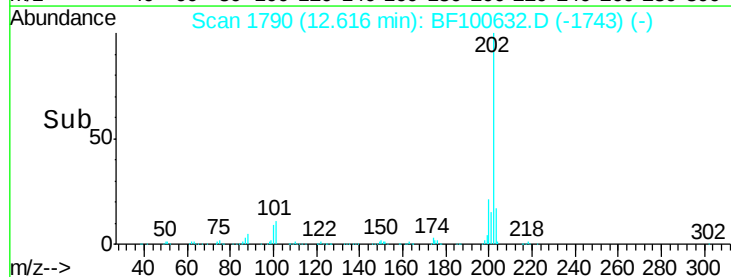
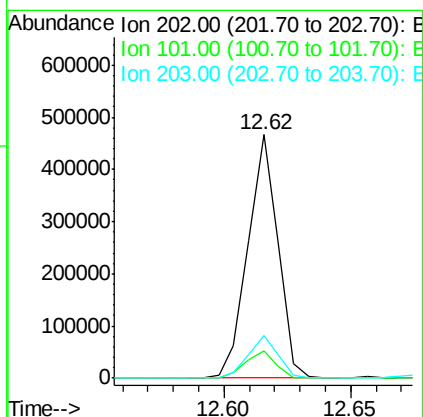
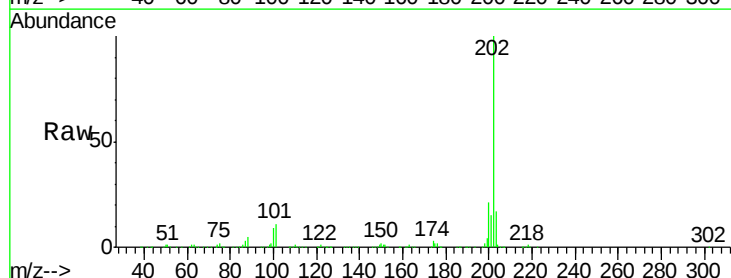
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-ADL

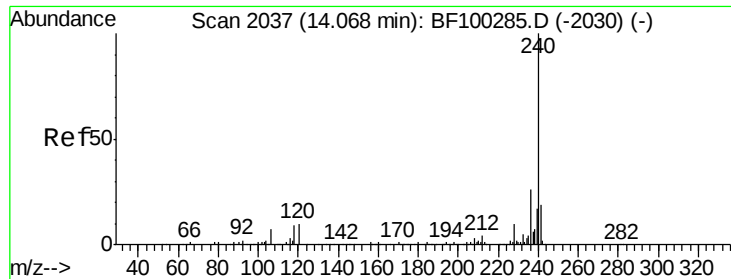
Tgt Ion:178 Resp: 149962
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 14.9 12.6 19.0



#74
 Fluoranthene
 Concen: 19.029 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BF100632.D
 Acq: 16 Nov 2017 15:58

Tgt Ion:202 Resp: 383576
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 34.1
 203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.03 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

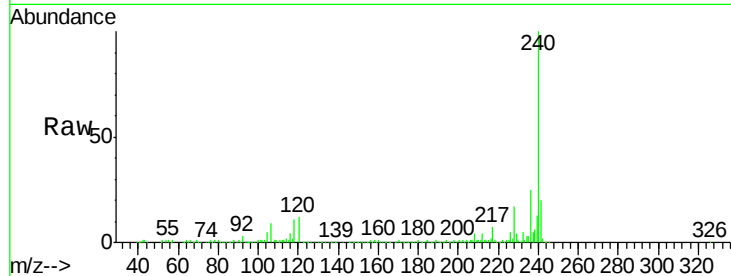
Tgt Ion:240 Resp: 236675

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

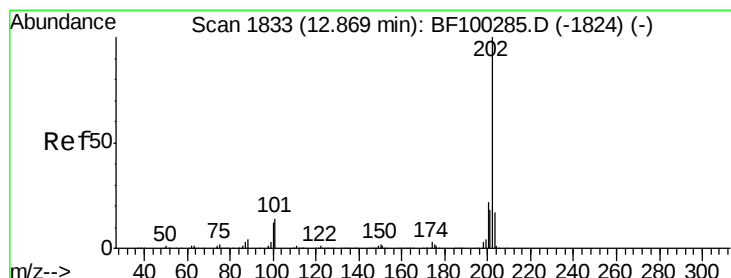
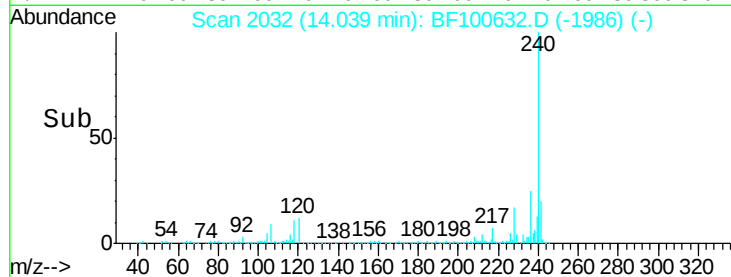
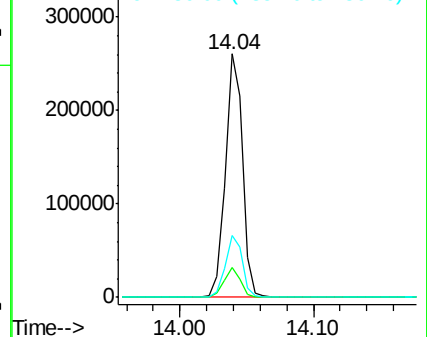
236 25.3 20.7 31.1



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: 19.085 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

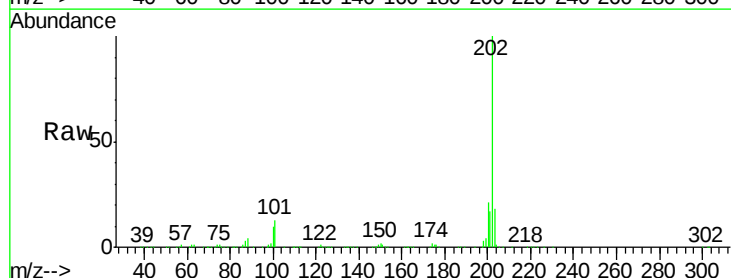
Tgt Ion:202 Resp: 321980

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

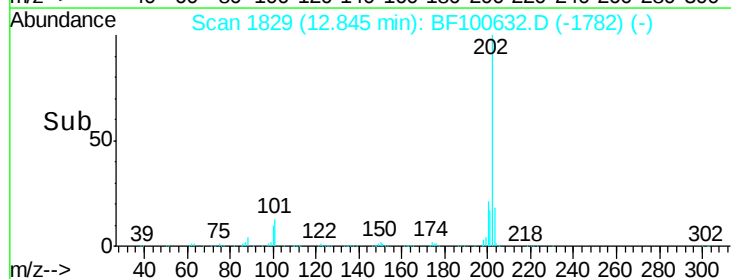
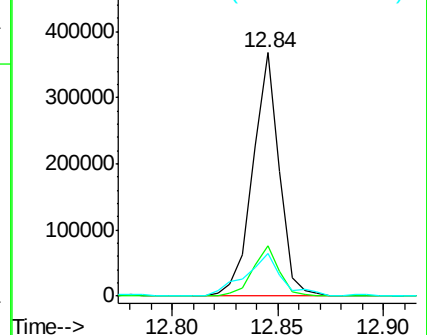
203 17.6 14.3 21.5

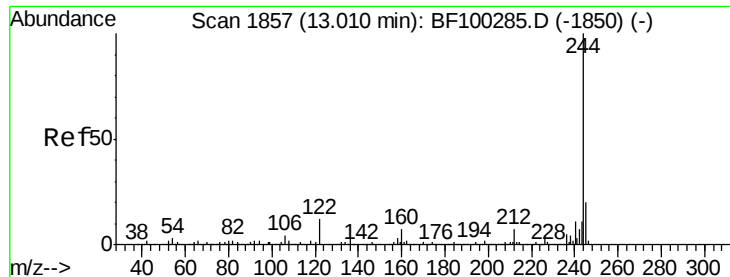


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.593 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.03 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

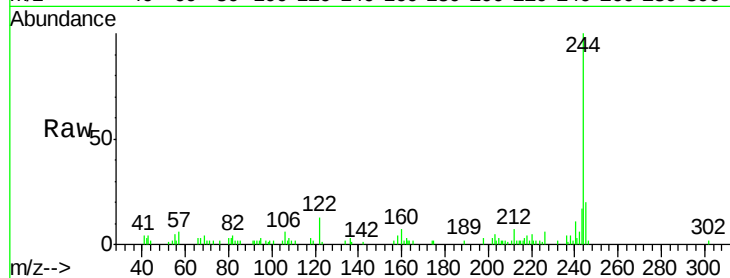
Tgt Ion:244 Resp: 16412

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

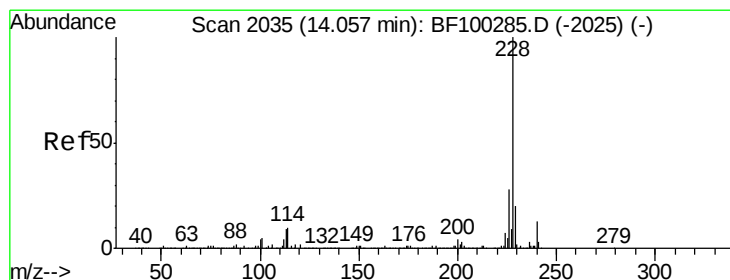
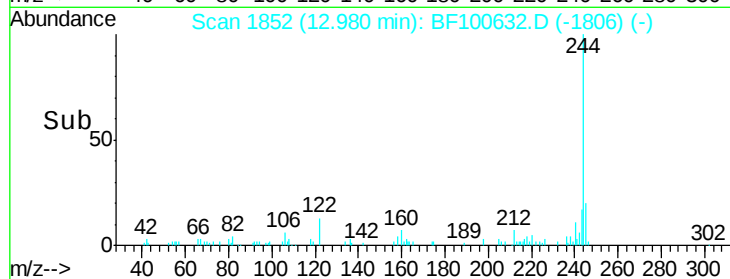
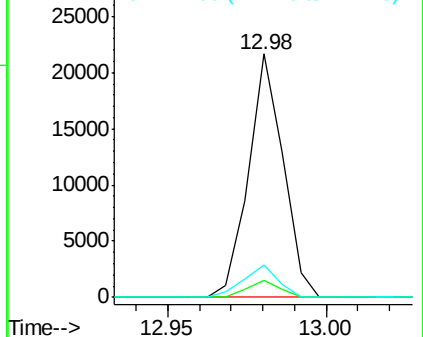
122 13.4 11.0 16.4



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: 10.413 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.03 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

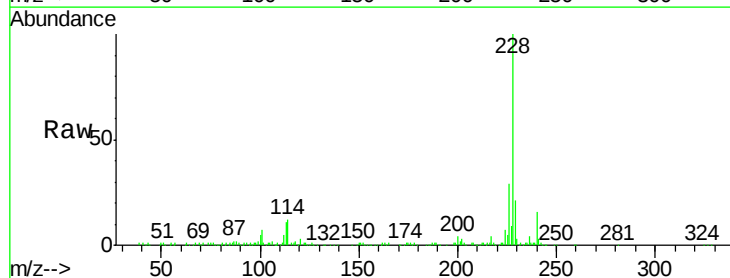
Tgt Ion:228 Resp: 148405

Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

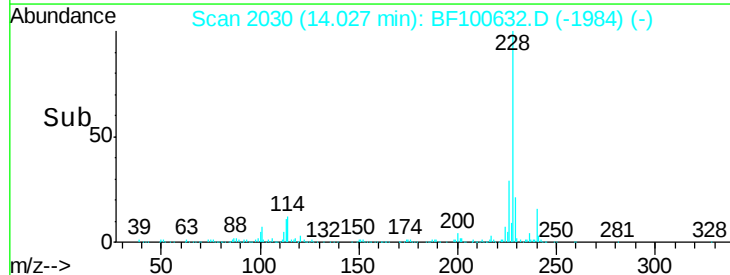
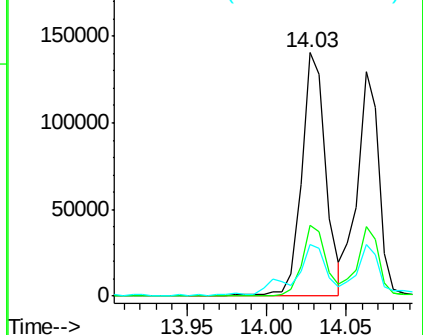
229 21.4 15.8 23.6

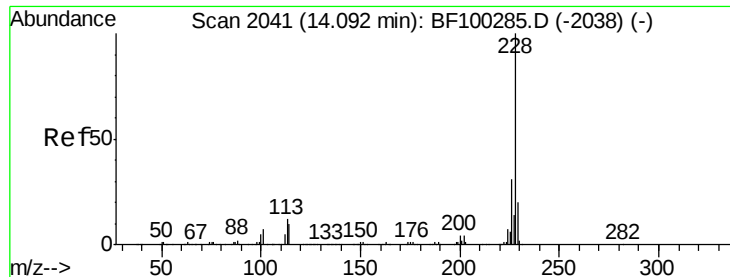


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 8.961 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.03 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

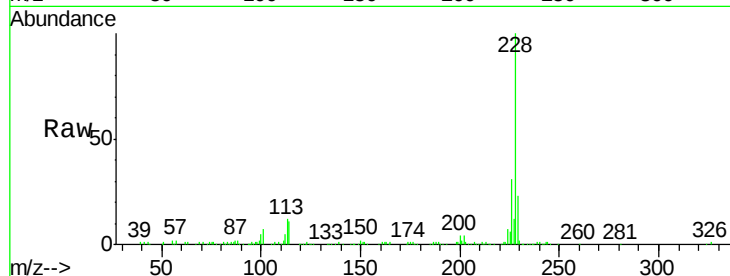
Tgt Ion:228 Resp: 123678

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

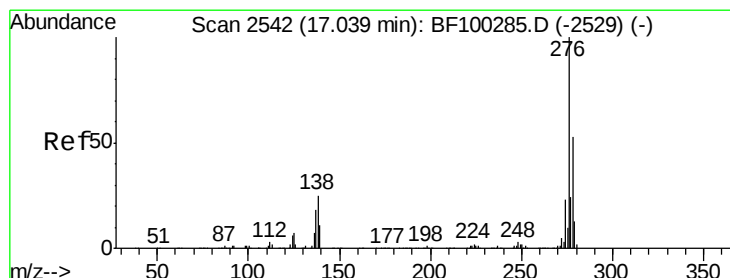
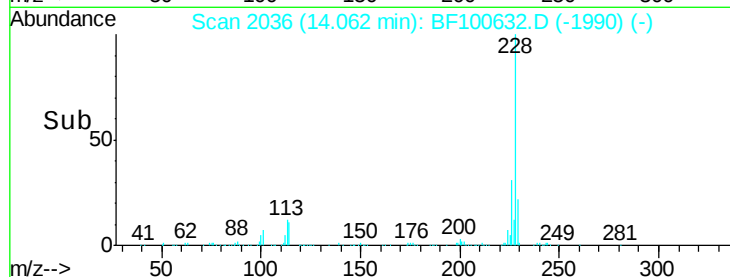
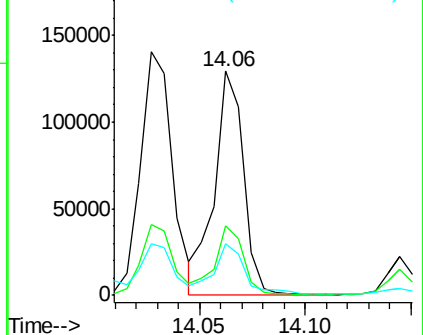
229 23.2 16.2 24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.648 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.05 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

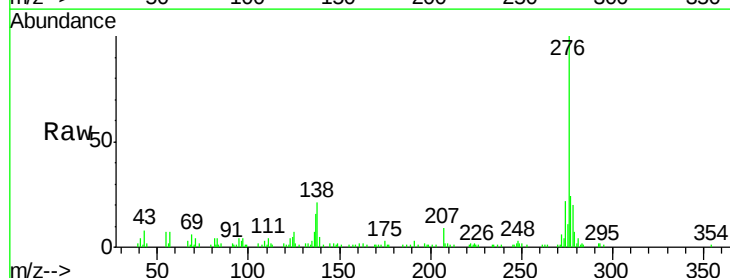
Tgt Ion:276 Resp: 63046

Ion Ratio Lower Upper

276 100

138 24.4 25.0 37.6#

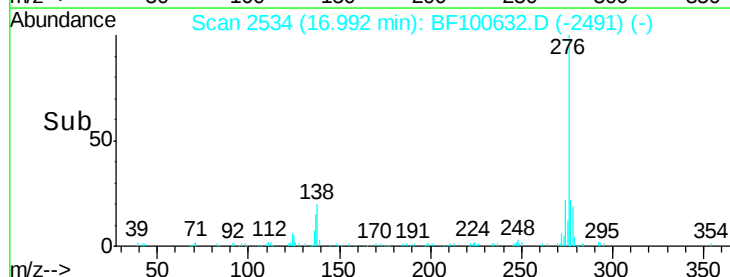
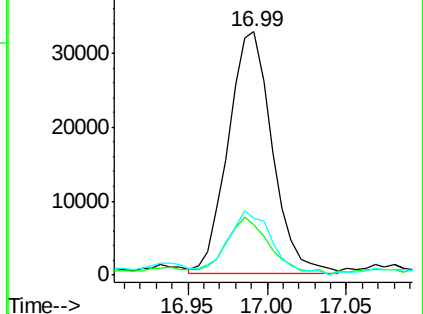
277 27.0 20.1 30.1

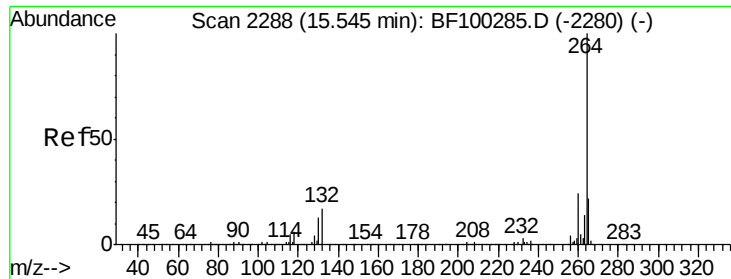


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



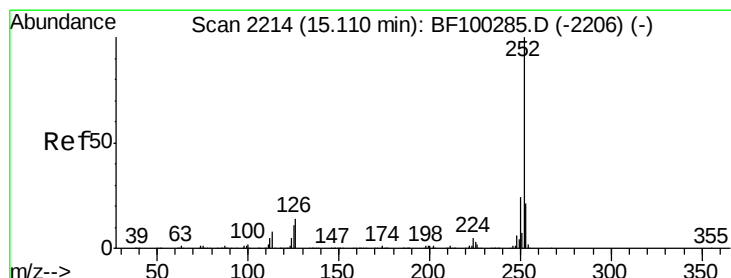
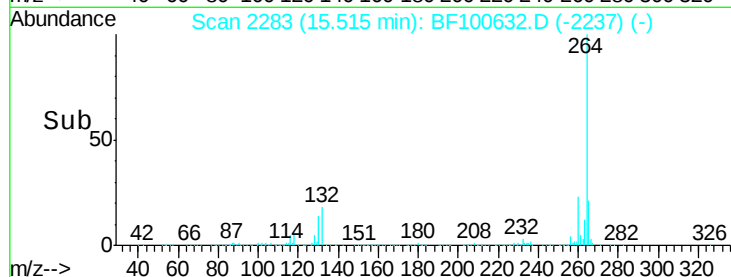
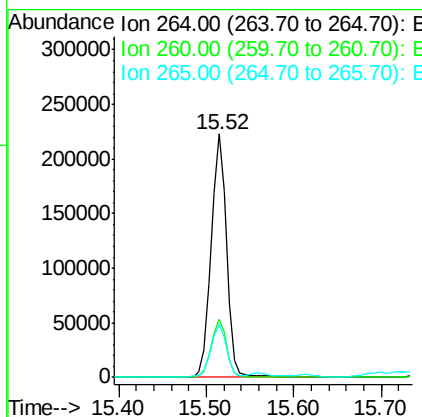
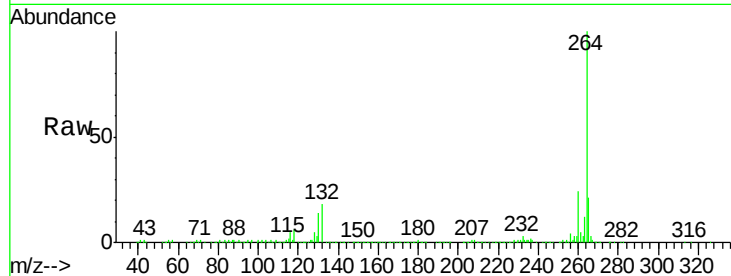


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BF100632.D
Acq: 16 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-ADL

Tgt Ion: 264 Resp: 276153

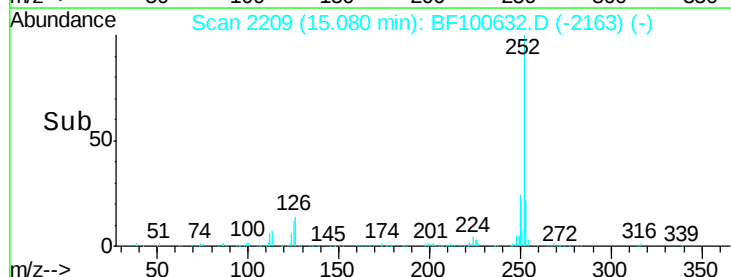
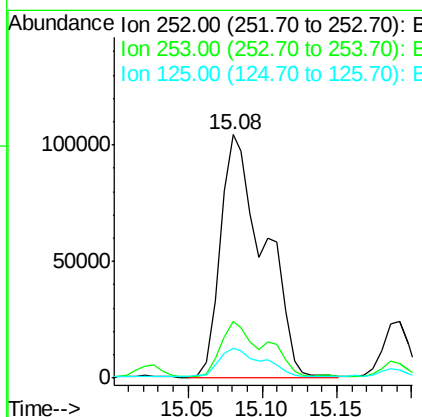
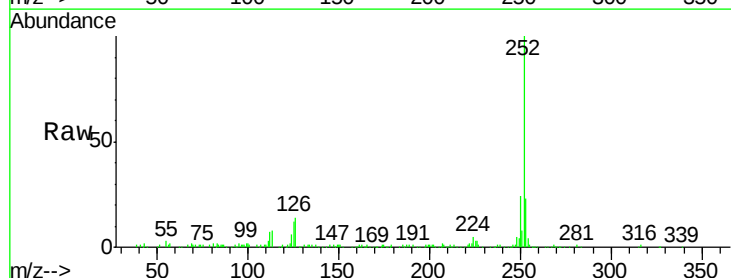
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

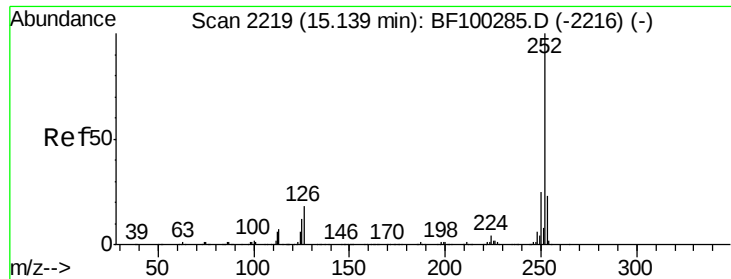


#87
Benzo(b)fluoranthene
Concen: 12.948 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF100632.D
Acq: 16 Nov 2017 15:58

Tgt Ion: 252 Resp: 211839

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.2	9.0	13.6

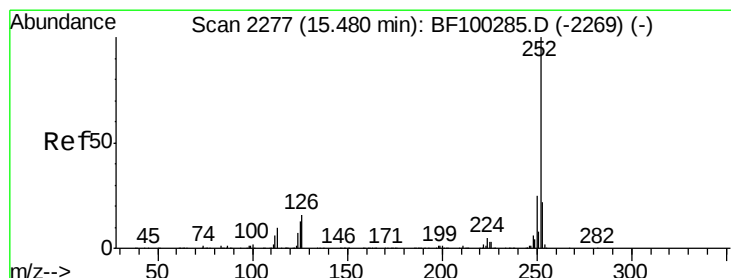
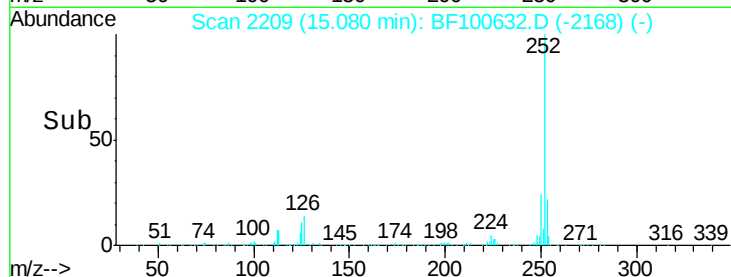
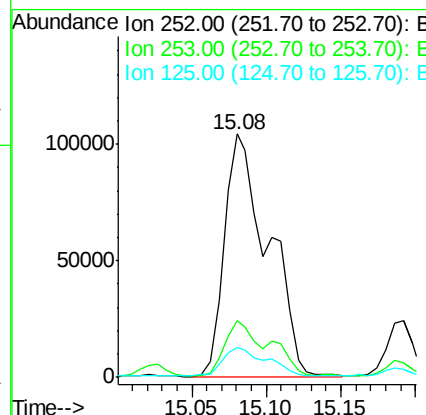
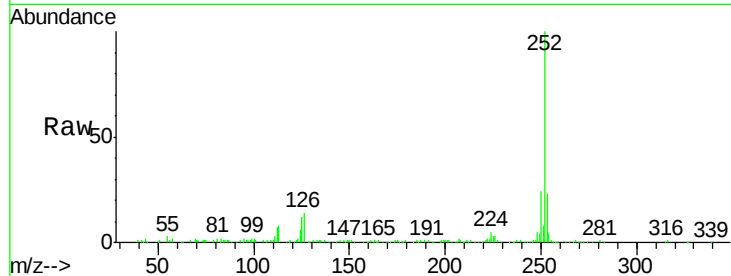




#88
Benzo(k)fluoranthene
Concen: 13.704 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF100632.D
Acq: 16 Nov 2017 15:58

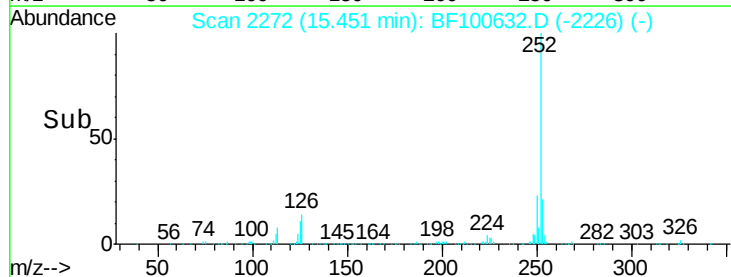
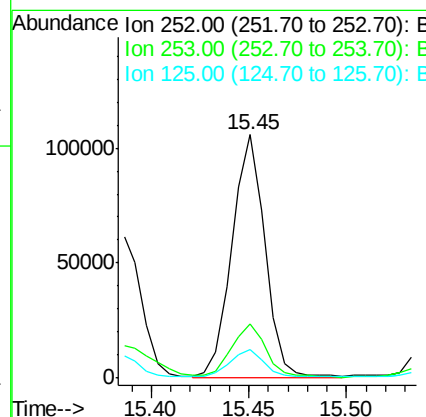
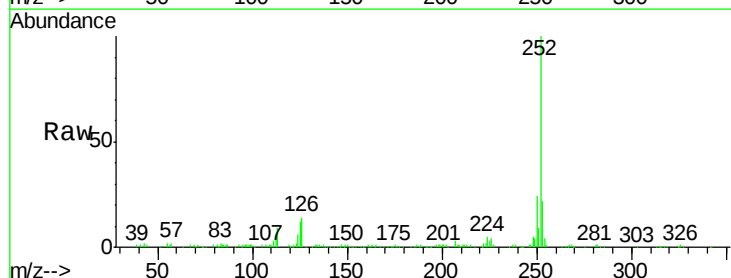
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-ADL

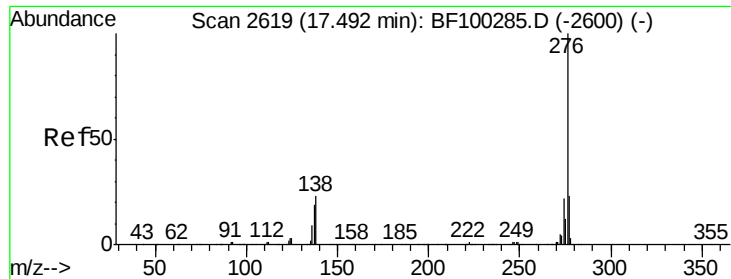
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	12.2	10.2	15.2



#89
Benzo(a)pyrene
Concen: 8.529 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.03 min
Lab File: BF100632.D
Acq: 16 Nov 2017 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.9	9.8	14.6





#91

Benzo(g,h,i)perylene

Concen: 4.714 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.05 min

Lab File: BF100632.D

Acq: 16 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-ADL

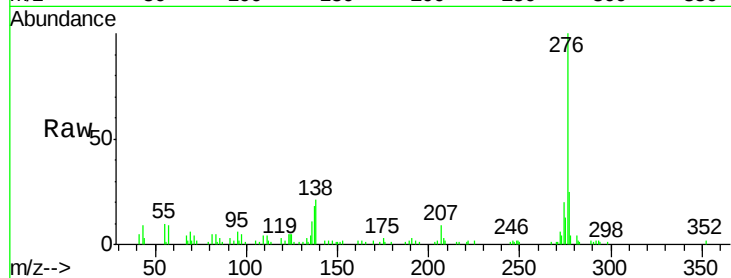
Tgt Ion: 276 Resp: 54731

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 21.0 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

