

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083455.D
 Acq On : 3 Dec 2015 10:57
 Operator : UM/IZ
 Sample : G4584-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(0-6)

Quant Time: Dec 03 11:48:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	134567	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	502818	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	232051	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	354763	20.00	ng	0.00
75) Chrysene-d12	14.76	240	277109	20.00	ng	0.00
86) Perylene-d12	16.83	264	265115	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1180197	131.60	ng	0.00
7) Phenol-d6	6.21	99	1680532	136.91	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1075716	94.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	255065	109.50	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1414670	86.88	ng	-0.01
78) Terphenyl-d14	13.21	244	1081844	93.10	ng	-0.01

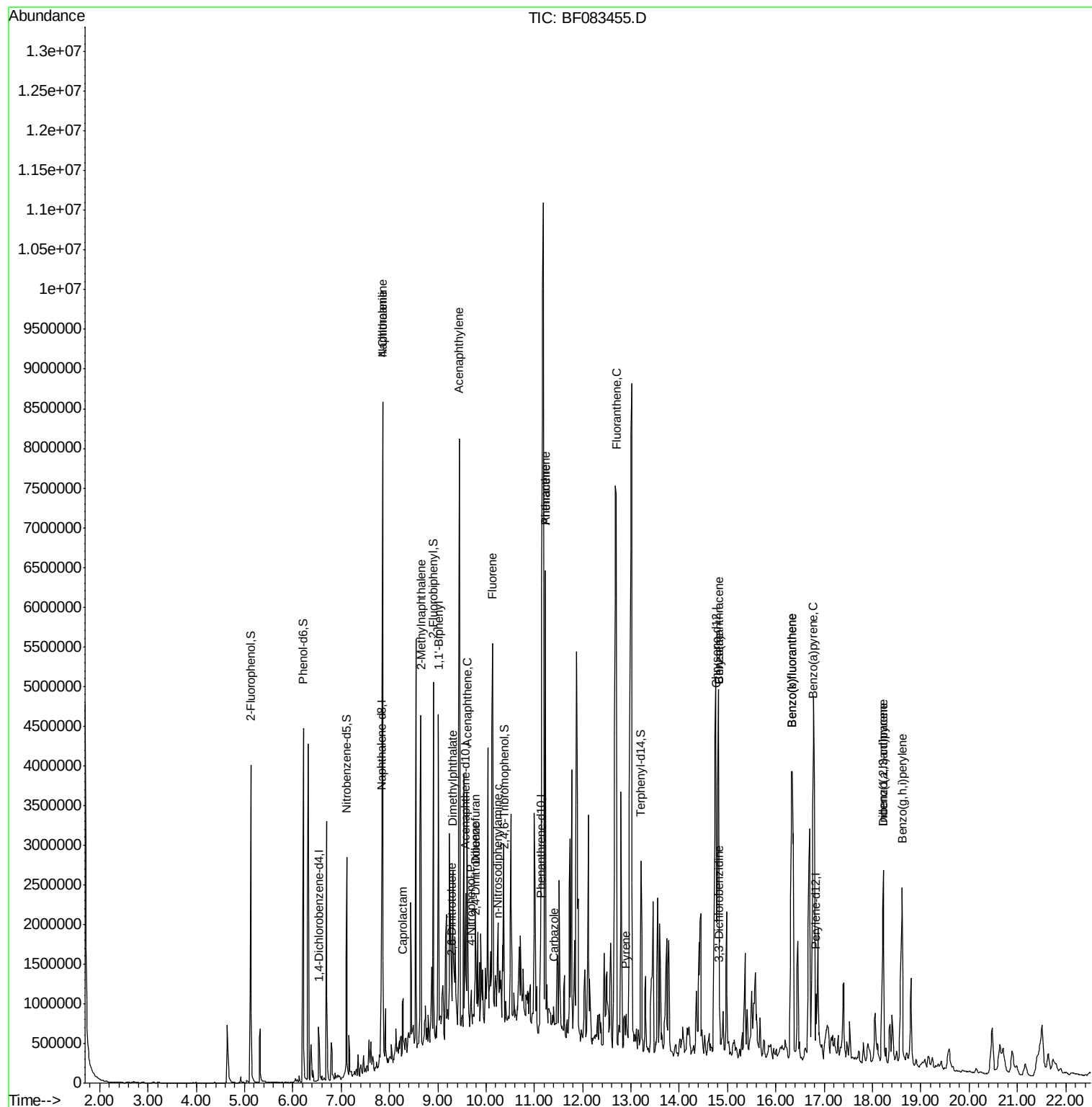
Target Compounds				Qvalue		
9) Benzaldehyde	6.09	77	2497	Below Cal	#	1
31) Naphthalene	7.86	128	4401585	161.34	ng	95
33) 4-Chloroaniline	7.86	127	659407	56.07	ng	# 32
35) Caprolactam	8.28	113	18777	7.39	ng	# 1
37) 2-Methylnaphthalene	8.65	142	1385042	75.96	ng	96
45) 1,1'-Biphenyl	9.01	154	736121	36.17	ng	98
48) Acenaphthylene	9.45	152	3451607	139.55	ng	95
49) Dimethylphthalate	9.31	163	69868	3.70	ng	# 98
50) 2,6-Dinitrotoluene	9.29	165	8515	2.11	ng	# 55
51) Acenaphthene	9.61	154	659095	45.30	ng	100
54) Dibenzofuran	9.78	168	299397	14.04	ng	# 95
55) 4-Nitrophenol	9.69	139	16023	5.43	ng	# 33
56) 2,4-Dinitrotoluene	9.79	165	26534	5.19	ng	# 55
57) Fluorene	10.13	166	2054442	122.03	ng	97
65) n-Nitrosodiphenylamine	10.24	169	65583	5.26	ng	# 92
70) Phenanthrene	11.23	178	2907603	138.49	ng	96
71) Anthracene	11.23	178	2907603	137.57	ng	97
72) Carbazole	11.40	167	61519	3.24	ng	# 89
74) Fluoranthene	12.69	202	7231034	332.27	ng	96
77) Pyrene	12.90	202	306768	15.85	ng	99
80) Benzo(a)anthracene	14.82	228	3661923	215.70	ng	93
81) 3,3'-Dichlorobenzidine	14.83	252	66590	12.56	ng	# 1
82) Chrysene	14.82	228	3674945	224.04	ng	96
85) Indeno(1,2,3-cd)pyrene	18.23	276	2065529	172.90	ng	94
87) Benzo(b)fluoranthene	16.33	252	5026632	295.49	ng	98
88) Benzo(k)fluoranthene	16.33	252	5026632	312.93	ng	# 94
89) Benzo(a)pyrene	16.77	252	4141981	283.48	ng	# 95
90) Dibenzo(a,h)anthracene	18.23	278	457401	35.93	ng	98
91) Benzo(g,h,i)perylene	18.61	276	2349270	188.01	ng	95

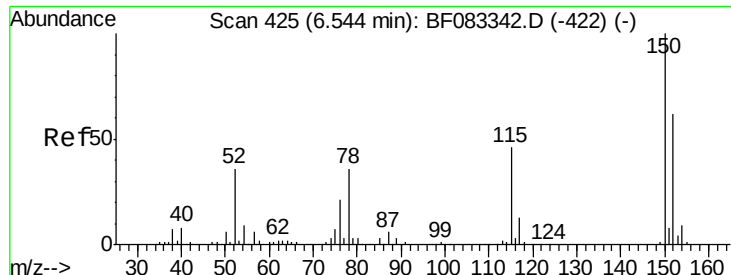
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

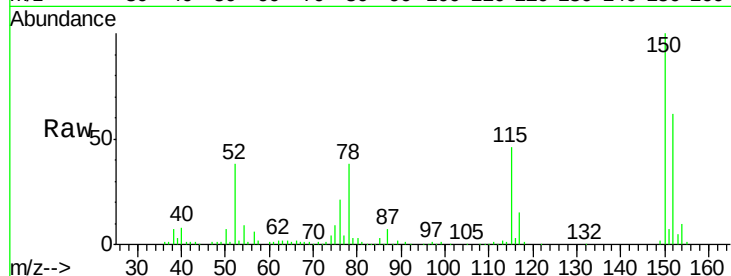
Tot Ion:152 Resp: 134567

Ion Ratio Lower Upper

152 100

150 160.3 129.8 194.8

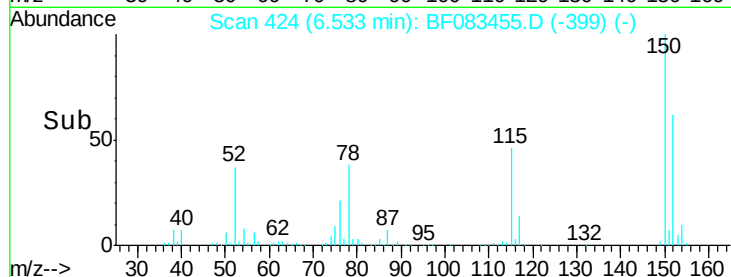
115 74.5 59.2 88.8



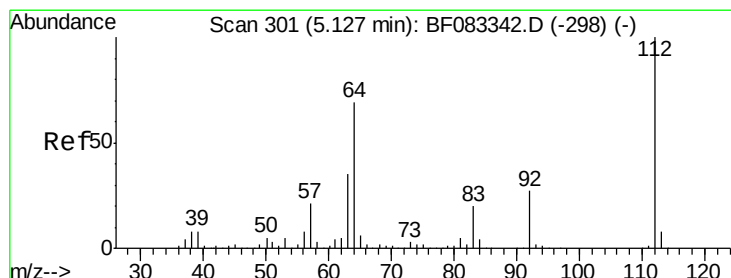
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 131.60 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

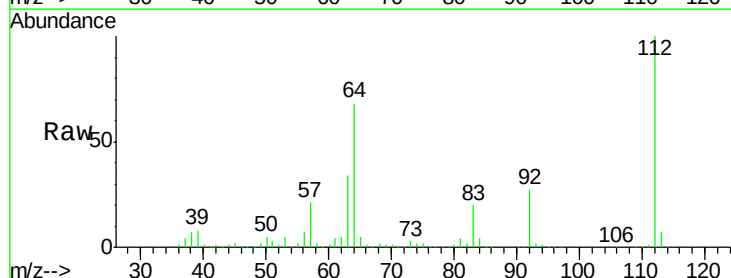
Tgt Ion:112 Resp: 1180197

Ion Ratio Lower Upper

112 100

64 68.0 55.6 83.4

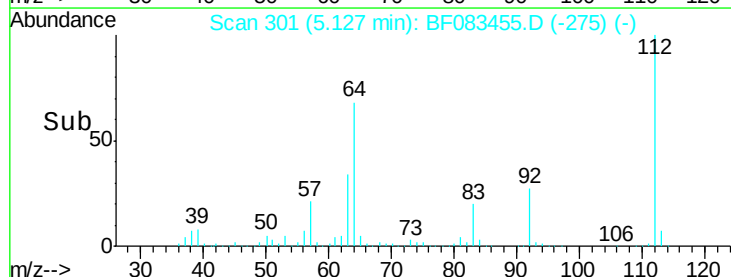
63 33.9 28.2 42.2



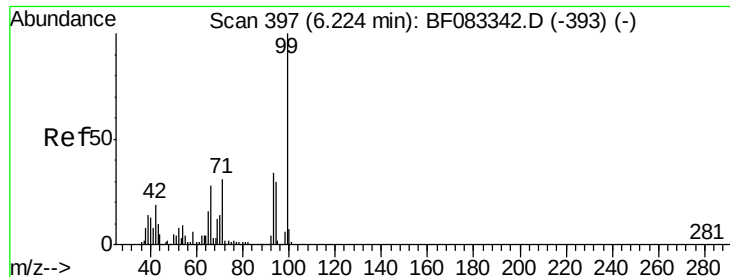
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 136.91 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

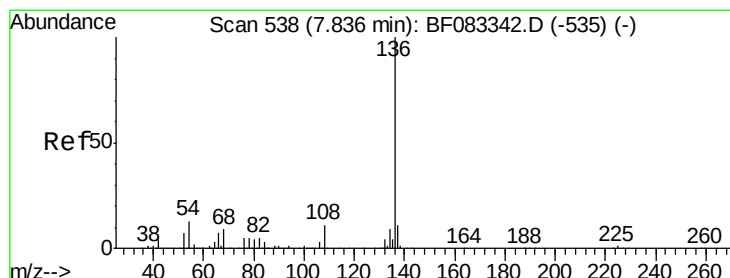
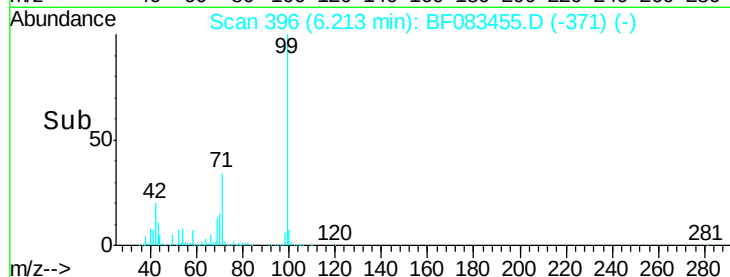
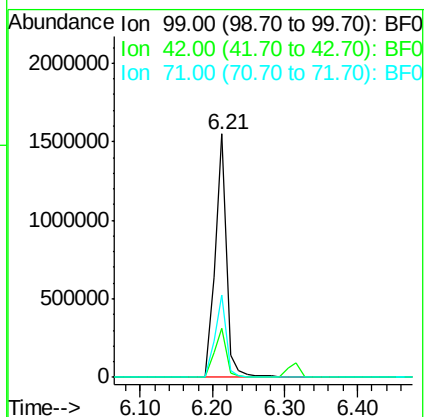
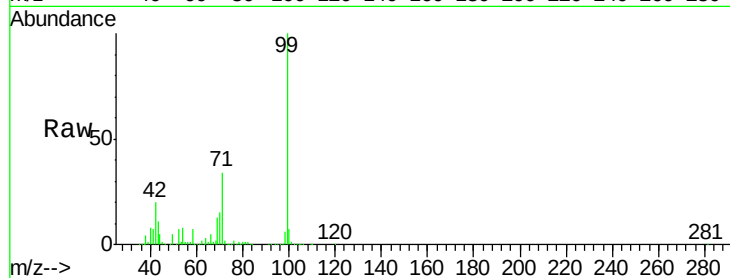
Tot Ion: 99 Resp: 1680532

Ion Ratio Lower Upper

99 100

42 20.3 14.9 22.3

71 33.7 24.7 37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Tgt Ion: 136 Resp: 502818

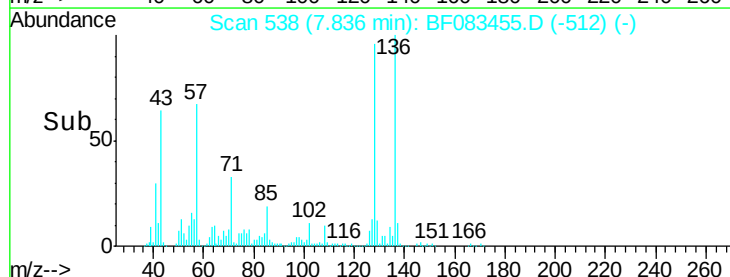
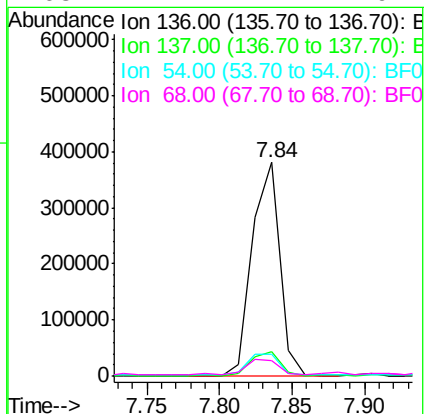
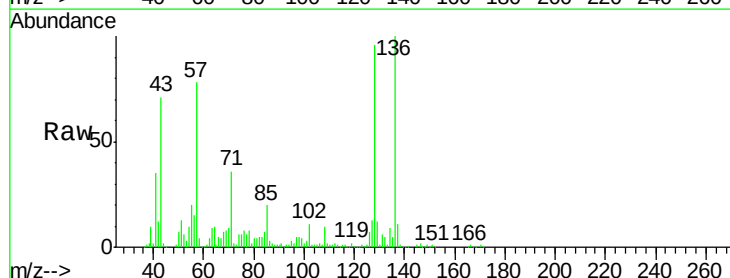
Ion Ratio Lower Upper

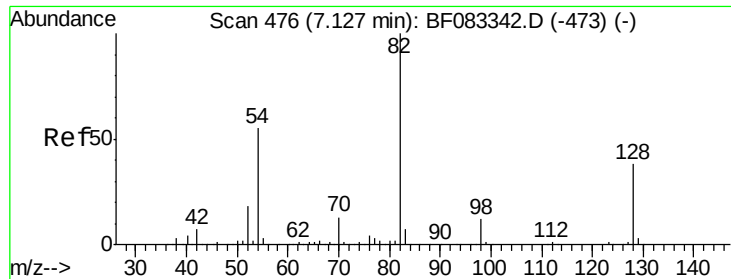
136 100

137 11.3 9.0 13.4

54 10.4 10.1 15.1

68 7.4 7.1 10.7

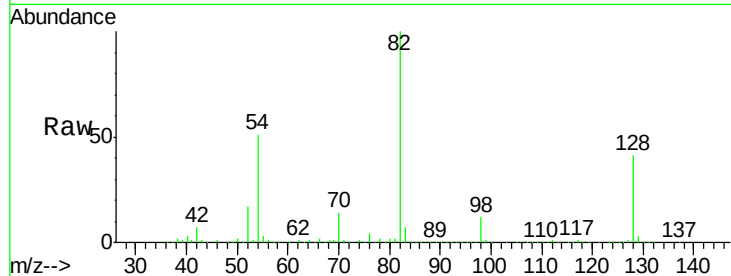




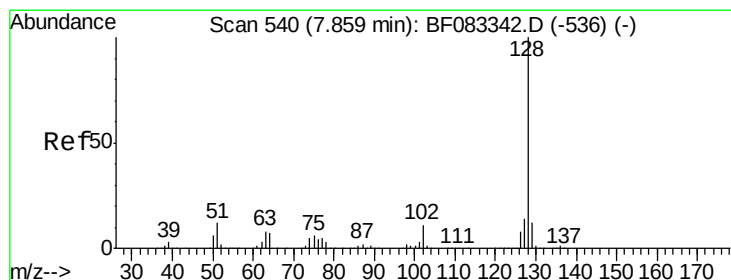
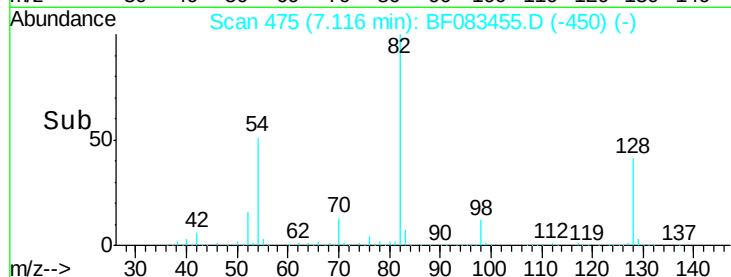
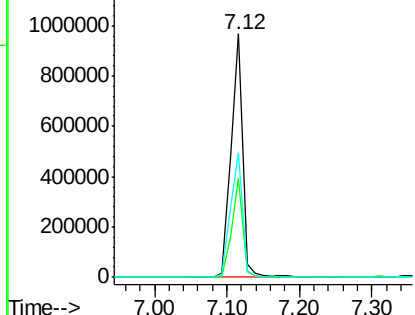
#23
 Nitrobenzene-d5
 Concen: 94.04 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(0-6)

Tot Ion: 82 Resp: 1075716
 Ion Ratio Lower Upper
 82 100
 128 40.8 30.6 46.0
 54 51.1 43.8 65.6

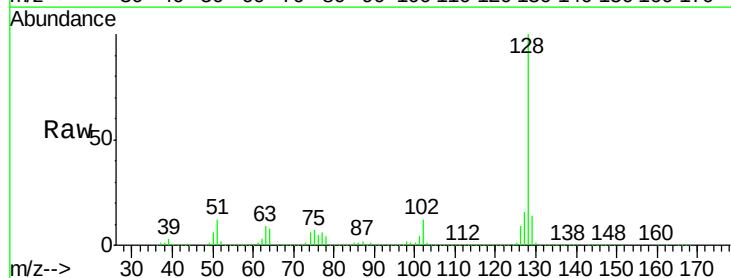


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

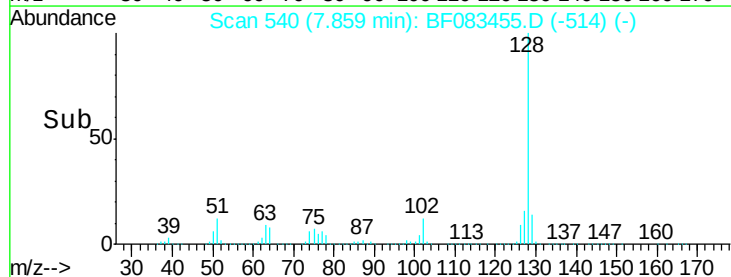
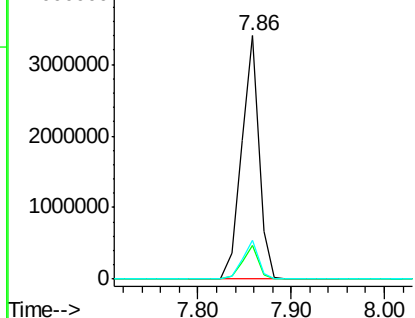


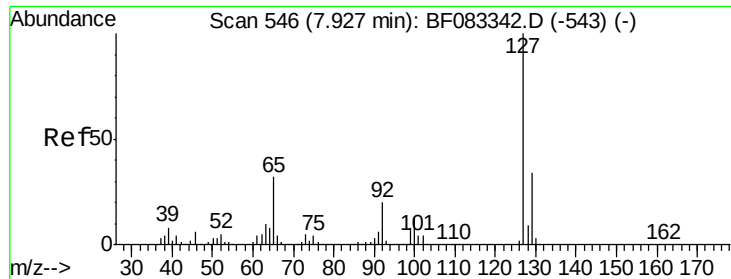
#31
 Naphthalene
 Concen: 161.34 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

Tgt Ion: 128 Resp: 4401585
 Ion Ratio Lower Upper
 128 100
 129 13.8 9.7 14.5
 127 16.1 11.0 16.4



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

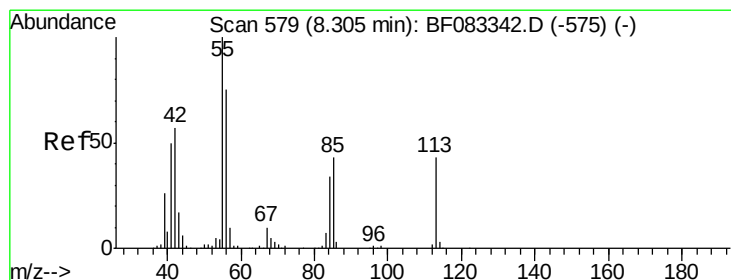
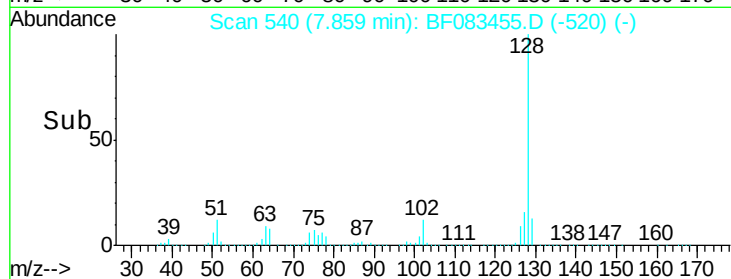
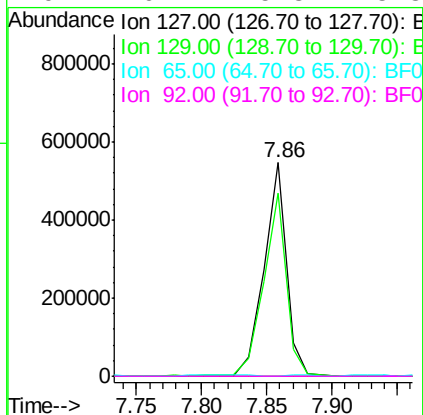
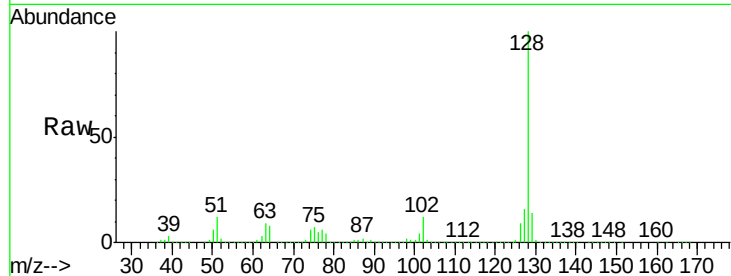




#33
 4-Chloroaniline
 Concen: 56.07 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.07 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

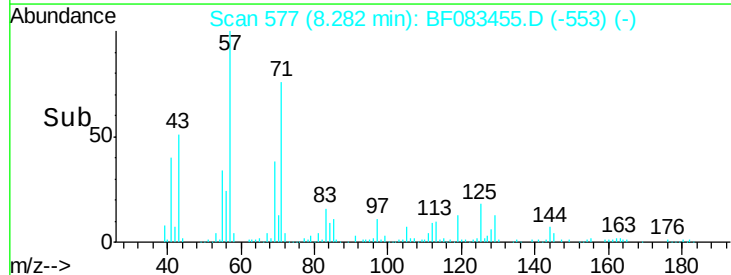
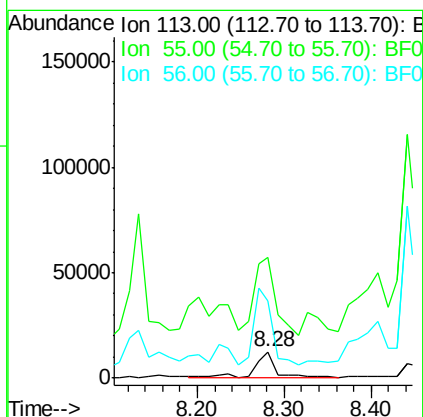
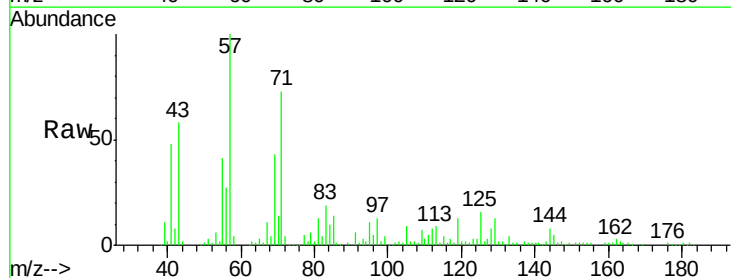
Instrument :
 BNA_F
 ClientSampleId :
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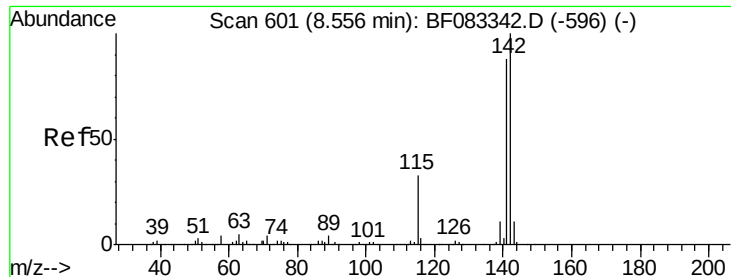
Tot Ion:	127	Resp:	659407
Ion	Ratio	Lower	Upper
127	100		
129	85.9	27.0	40.4#
65	0.0	25.9	38.9#
92	0.1	15.8	23.8#



#35
 Caprolactam
 Concen: 7.39 ng
 RT: 8.28 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

Tgt Ion:	113	Resp:	18777
Ion	Ratio	Lower	Upper
113	100		
55	460.3	211.6	251.6#
56	294.3	153.0	193.0#

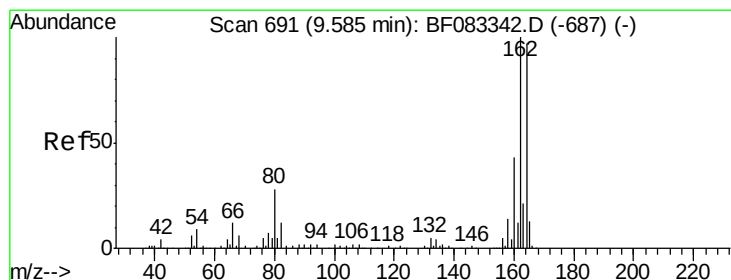
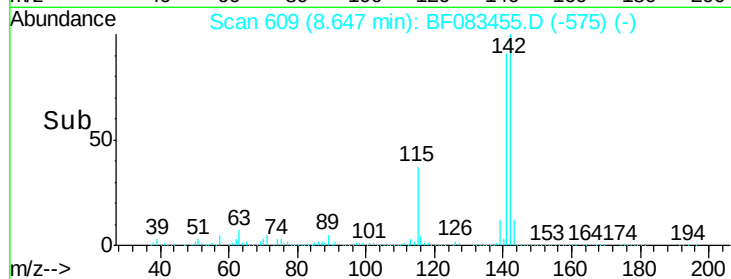
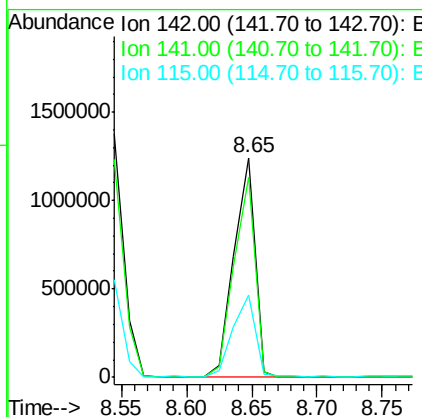
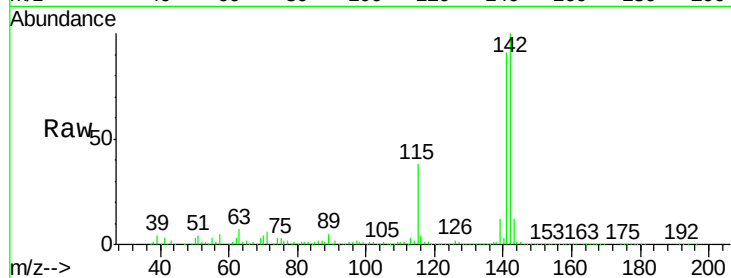




#37
 2-Methylnaphthalene
 Concen: 75.96 ng
 RT: 8.65 min Scan# 609
 Delta R.T. 0.09 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

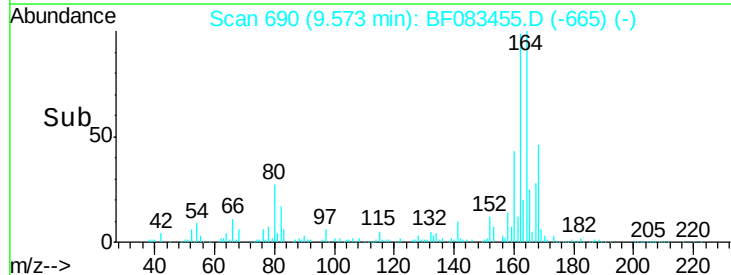
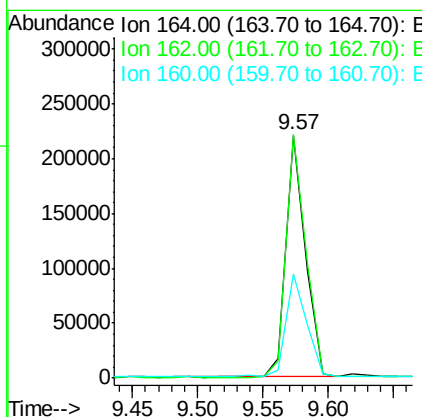
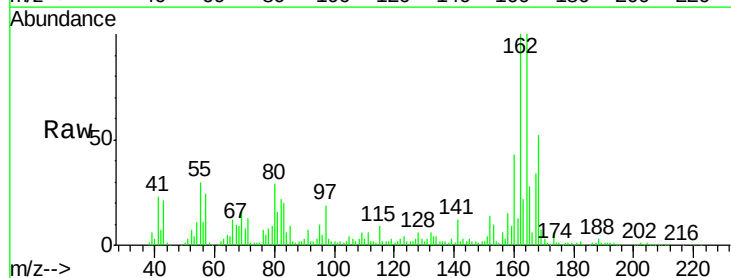
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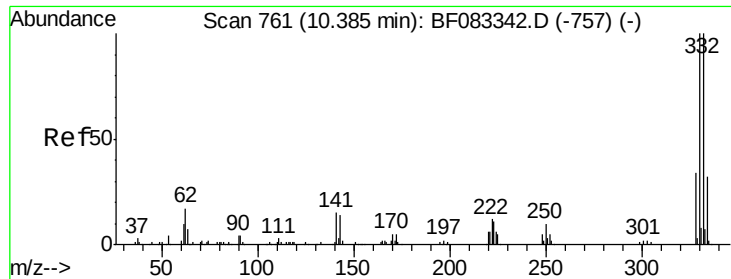
Tot Ion:142 Resp: 1385042
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.6 105.8
 115 37.5 26.2 39.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

Tgt Ion:164 Resp: 232051
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.6 123.8
 160 42.9 35.3 52.9

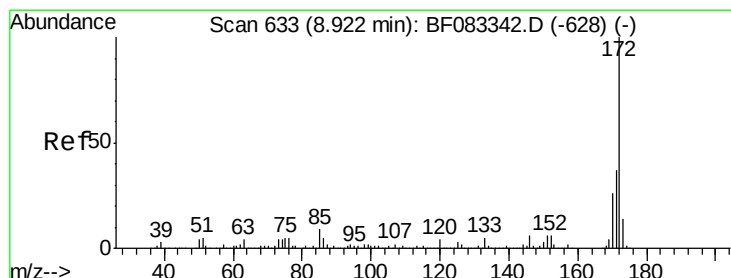
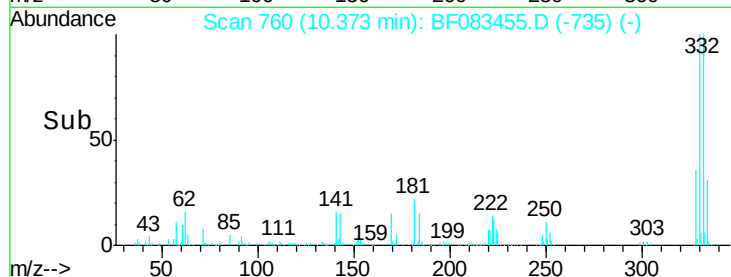
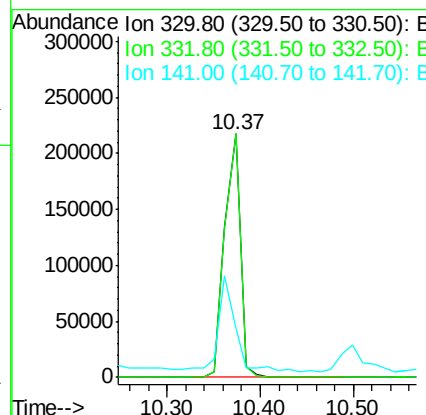
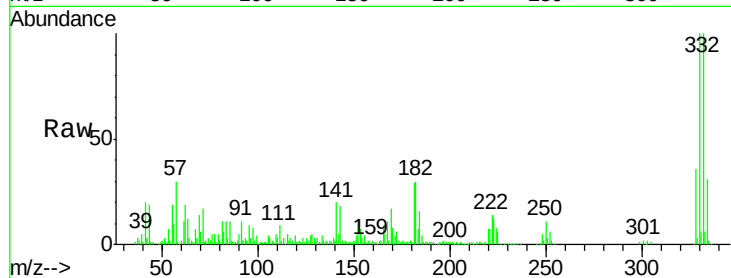




#41
 2,4,6-Tribromophenol
 Concen: 109.50 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

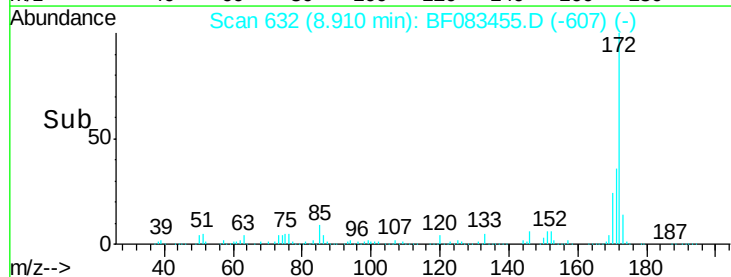
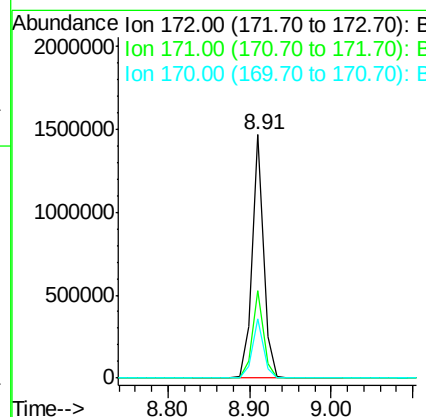
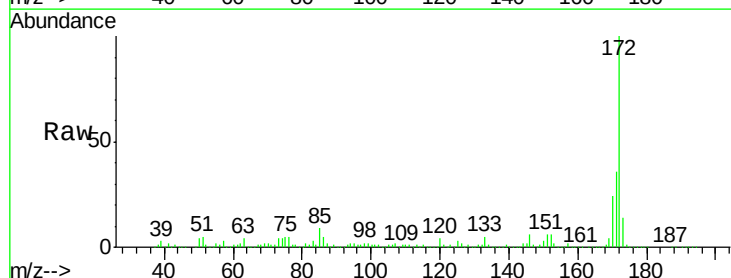
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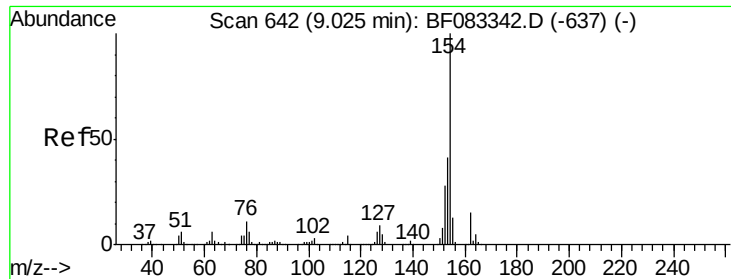
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.8	116.6
141	40.8	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 86.88 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	20.4	30.6





#45

1,1'-Biphenyl

Concen: 36.17 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

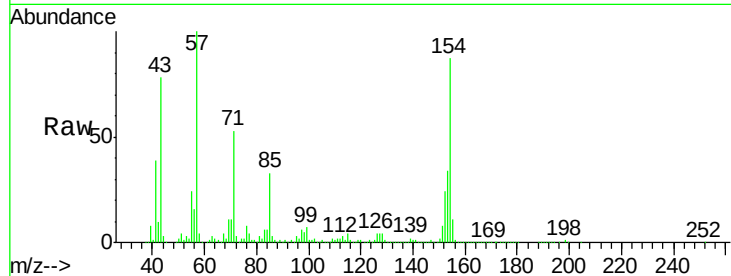
Tot Ion:154 Resp: 736121

Ion Ratio Lower Upper

154 100

153 39.5 20.6 60.6

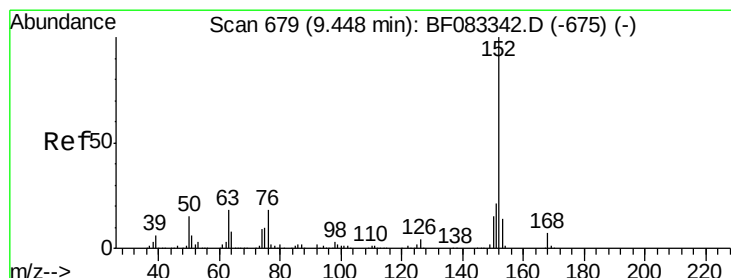
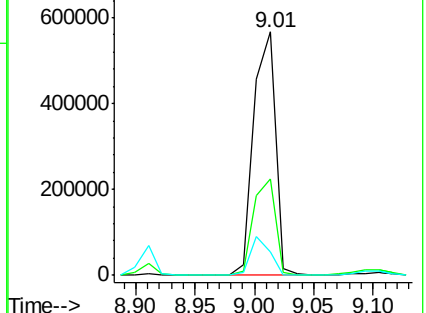
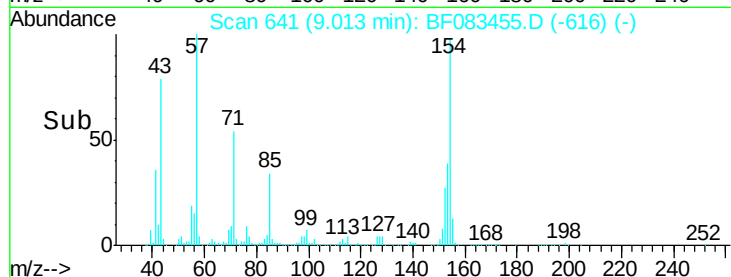
76 9.7 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 139.55 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

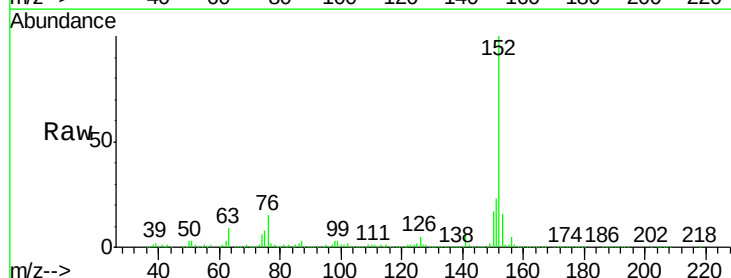
Tgt Ion:152 Resp: 3451607

Ion Ratio Lower Upper

152 100

151 23.2 16.7 25.1

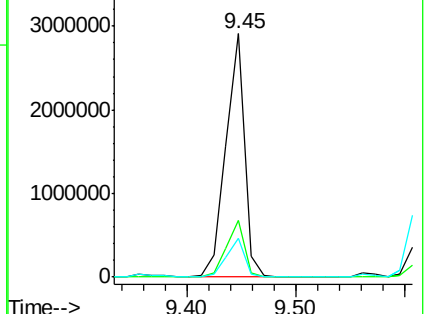
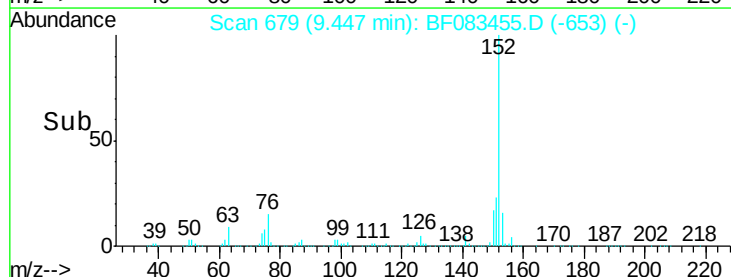
153 16.0 11.2 16.8

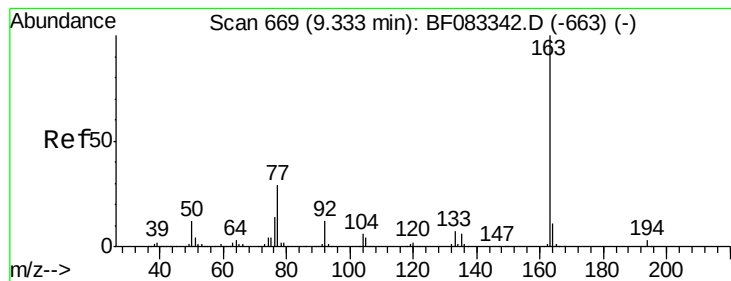


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 3.70 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

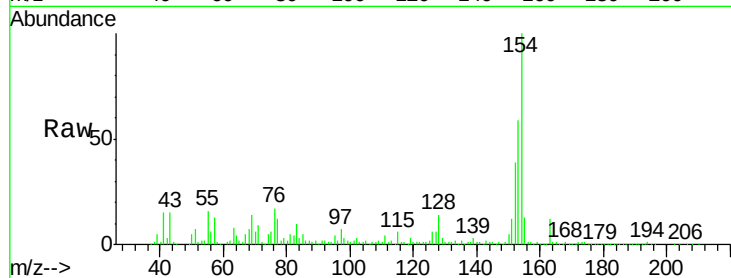
Tot Ion:163 Resp: 69868

Ion Ratio Lower Upper

163 100

194 5.6 2.7 4.1#

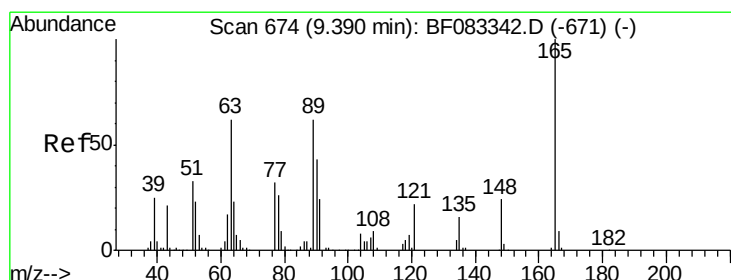
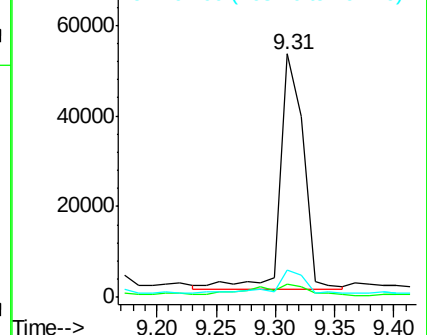
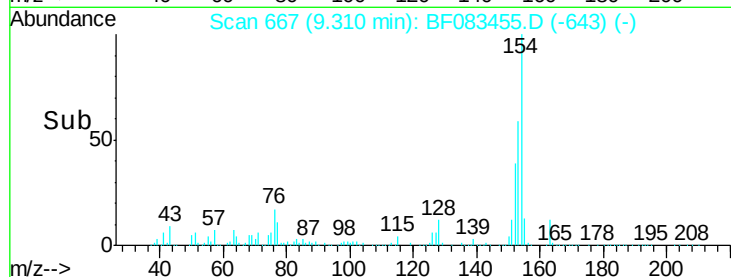
164 11.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.11 ng

RT: 9.29 min Scan# 665

Delta R.T. -0.10 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

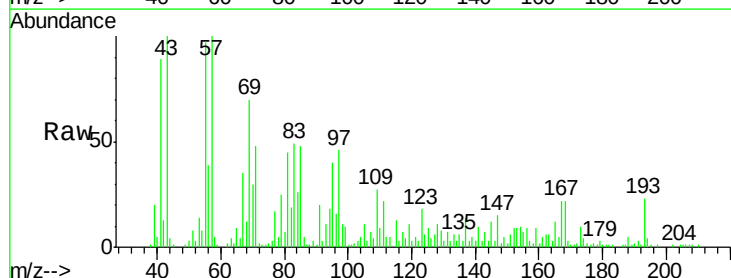
Tgt Ion:165 Resp: 8515

Ion Ratio Lower Upper

165 100

63 34.7 56.0 84.0#

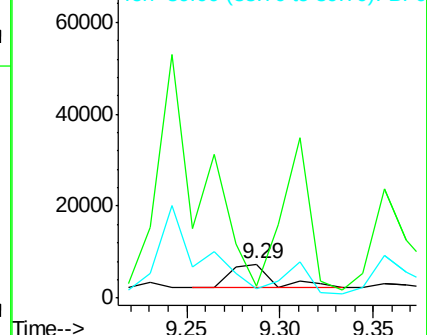
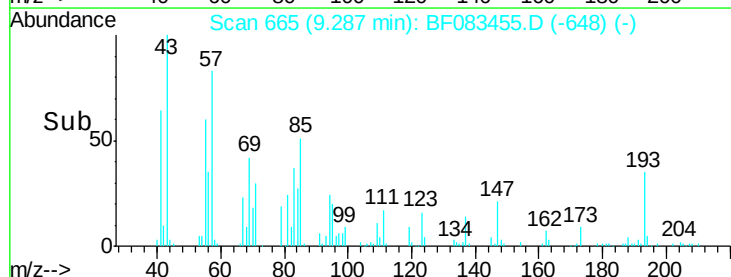
89 26.3 49.8 74.8#

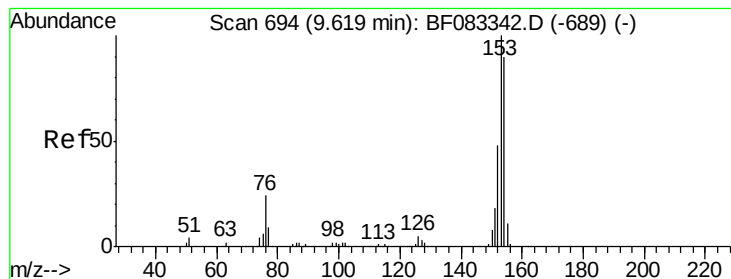


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.30 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

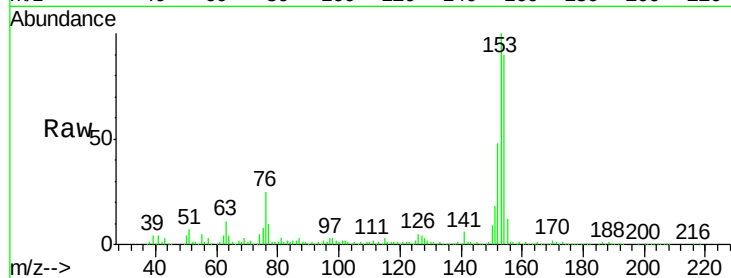
Tot Ion:154 Resp: 659095

Ion Ratio Lower Upper

154 100

153 111.7 89.3 133.9

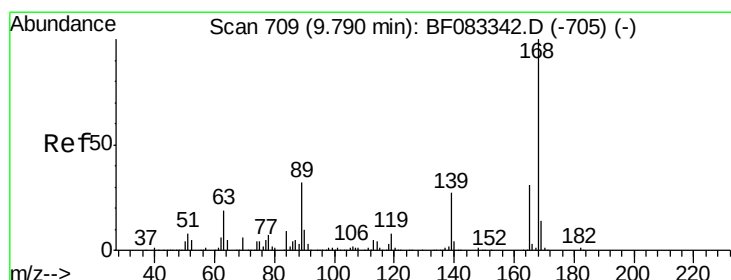
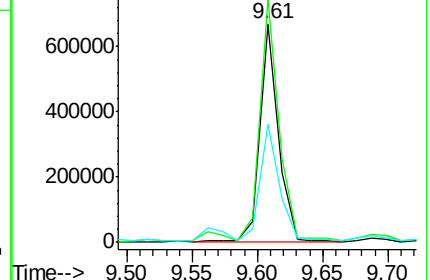
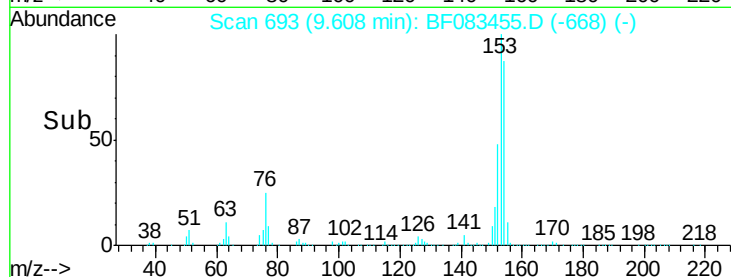
152 54.1 42.5 63.7



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: 14.04 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

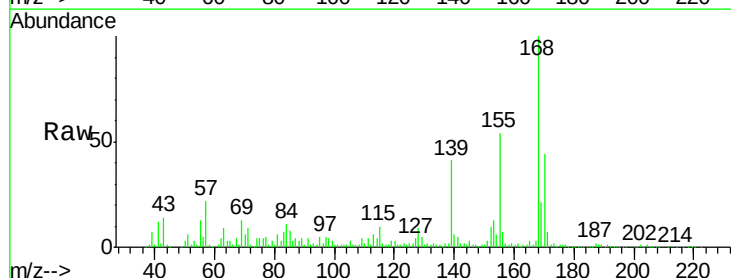
Tgt Ion:168 Resp: 299397

Ion Ratio Lower Upper

168 100

139 41.2 32.7 49.1

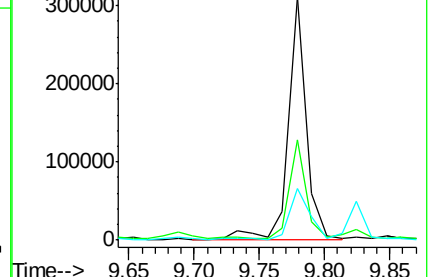
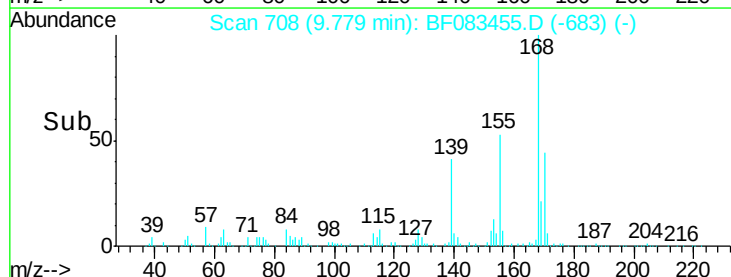
169 21.4 11.1 16.7#

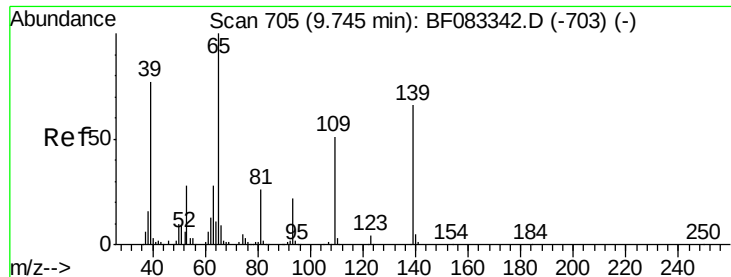


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

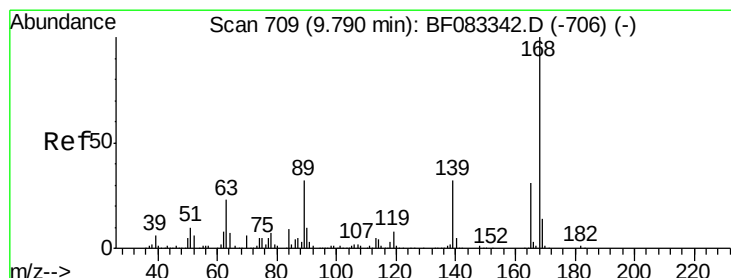
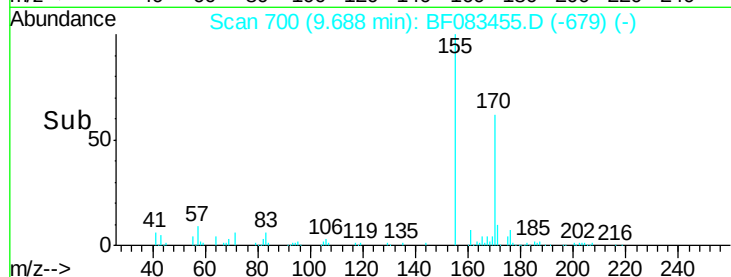
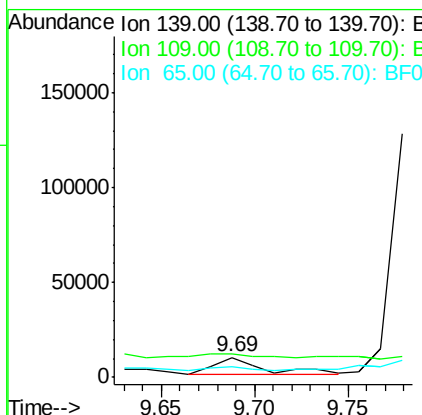
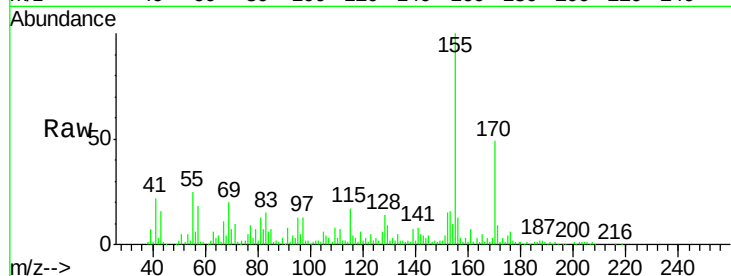




#55
4-Nitrophenol
Concen: 5.43 ng
RT: 9.69 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

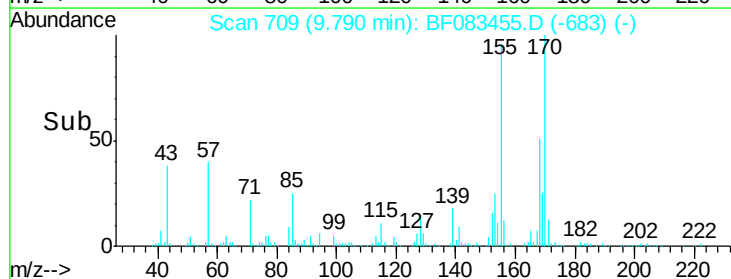
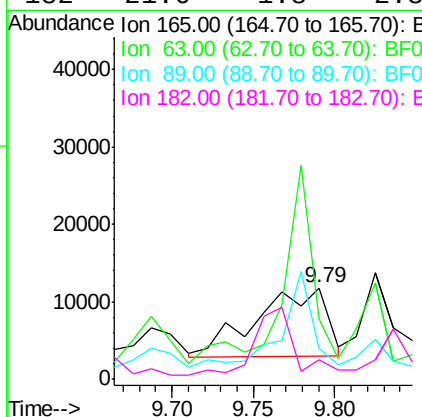
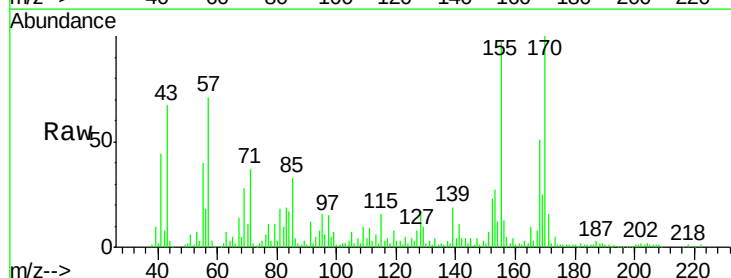
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

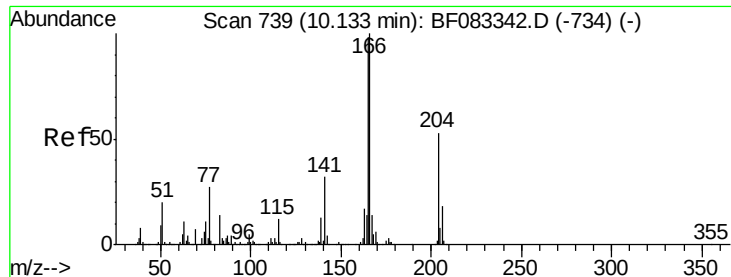
Tot Ion:139 Resp: 16023
Ion Ratio Lower Upper
139 100
109 118.5 57.4 97.4#
65 54.1 131.6 171.6#



#56
2,4-Dinitrotoluene
Concen: 5.19 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

Tgt Ion:165 Resp: 26534
Ion Ratio Lower Upper
165 100
63 65.5 65.4 98.0
89 34.1 81.2 121.8#
182 21.6 1.8 2.8#

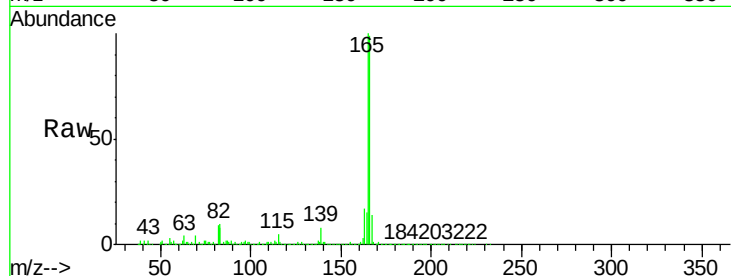




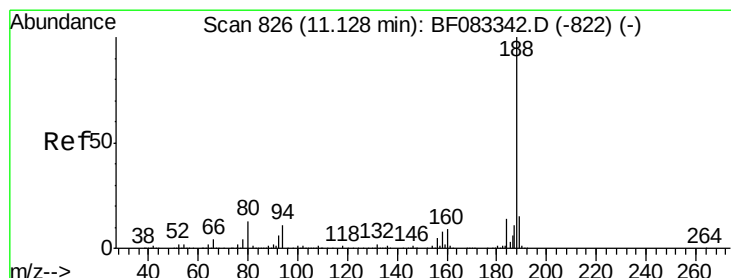
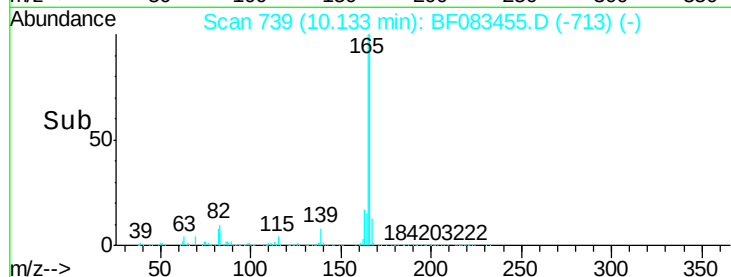
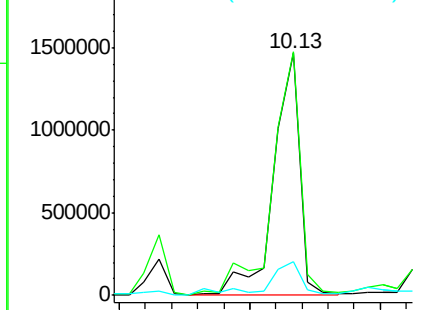
#57
Fluorene
Concen: 122.03 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

Tot Ion:166 Resp: 2054442
Ion Ratio Lower Upper
166 100
165 100.7 78.3 117.5
167 14.1 11.1 16.7

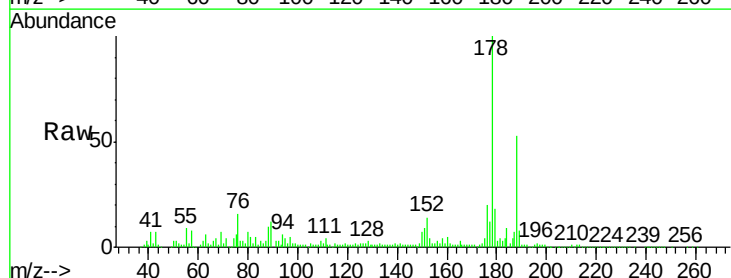


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

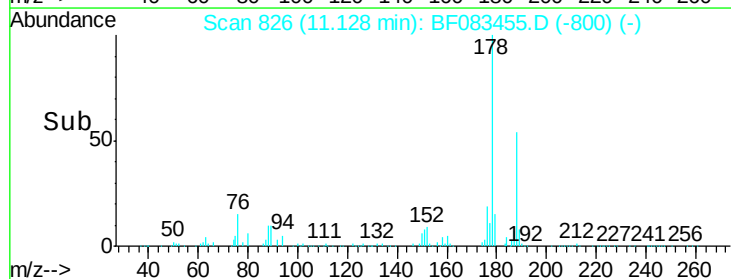
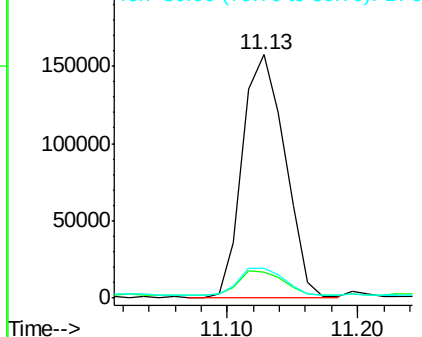


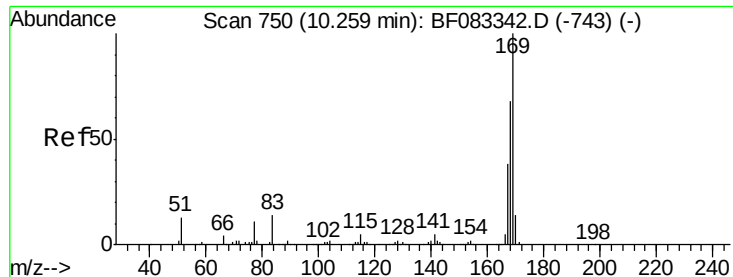
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

Tgt Ion:188 Resp: 354763
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 12.4 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

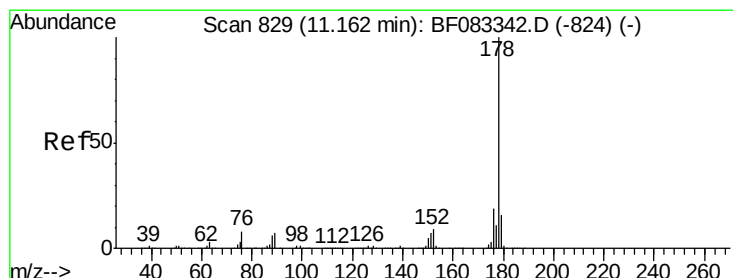
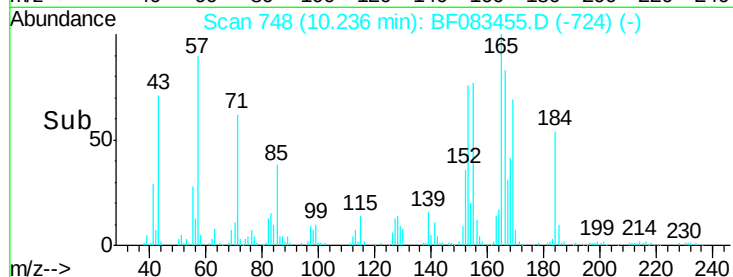
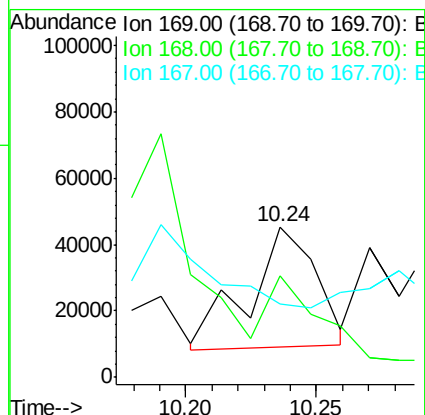
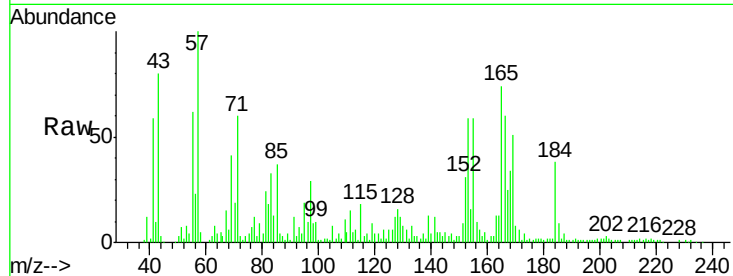




#65
n-Nitrosodiphenylamine
Concen: 5.26 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

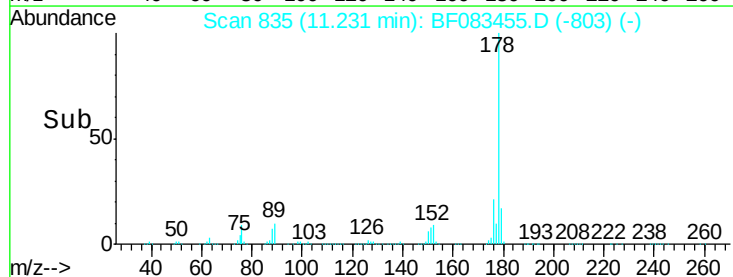
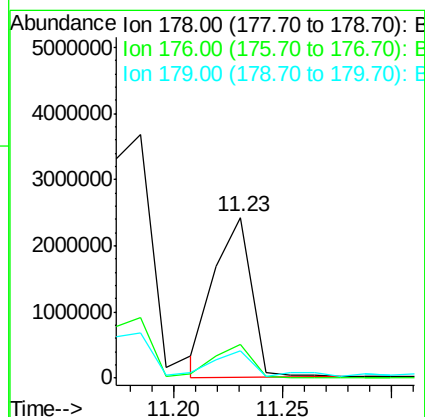
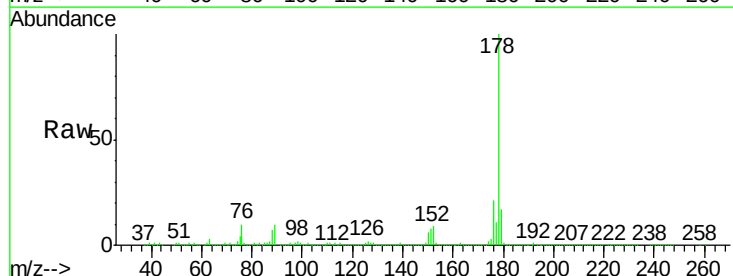
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

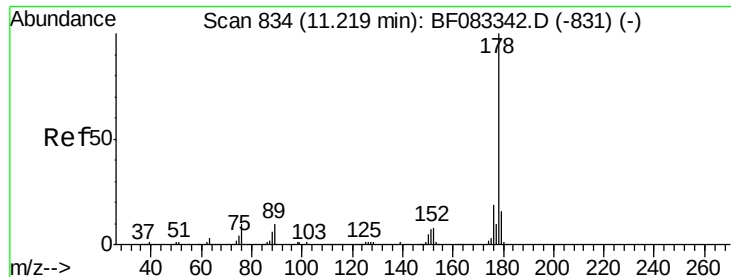
Tot Ion:169 Resp: 65583
Ion Ratio Lower Upper
169 100
168 67.5 54.8 82.2
167 49.2 30.2 45.2#



#70
Phenanthrene
Concen: 138.49 ng
RT: 11.23 min Scan# 835
Delta R.T. 0.07 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

Tgt Ion:178 Resp: 2907603
Ion Ratio Lower Upper
178 100
176 20.8 15.3 22.9
179 17.3 12.4 18.6

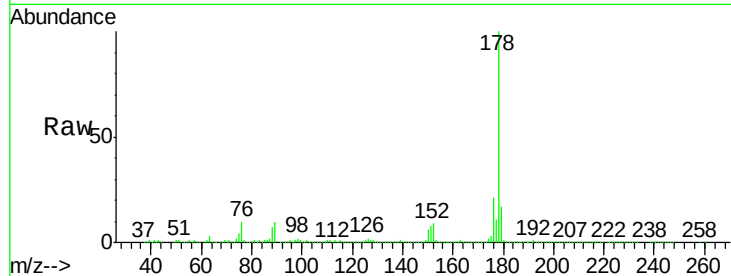




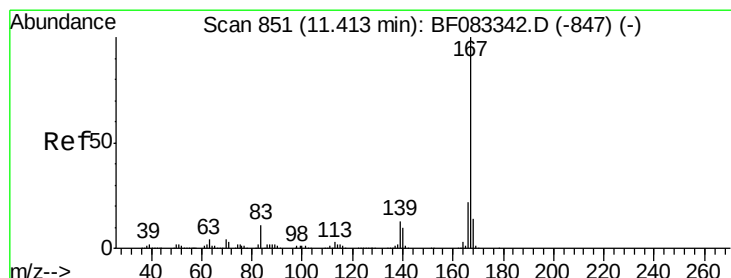
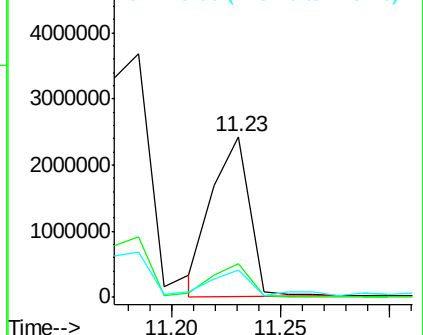
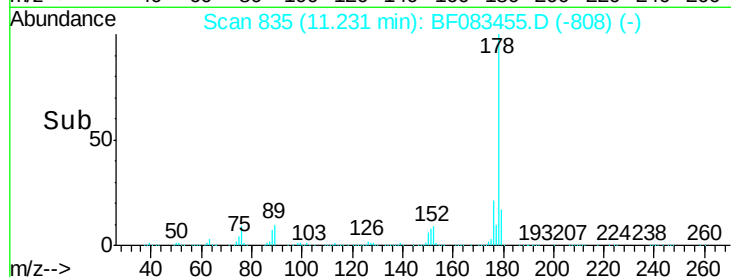
#71
 Anthracene
 Concen: 137.57 ng
 RT: 11.23 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(0-6)

Tot Ion:178 Resp: 2907603
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.6 23.4
 179 17.3 12.8 19.2

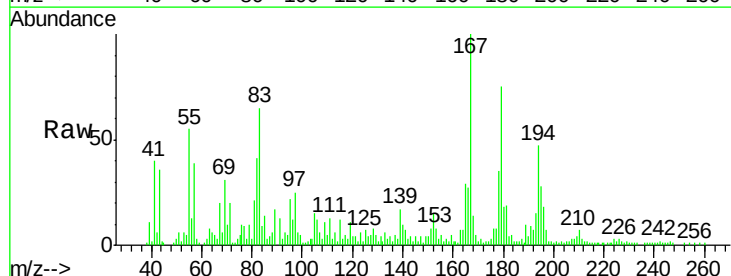


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

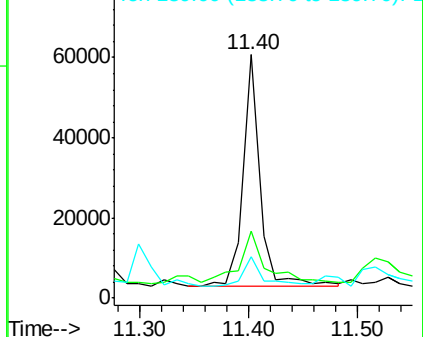
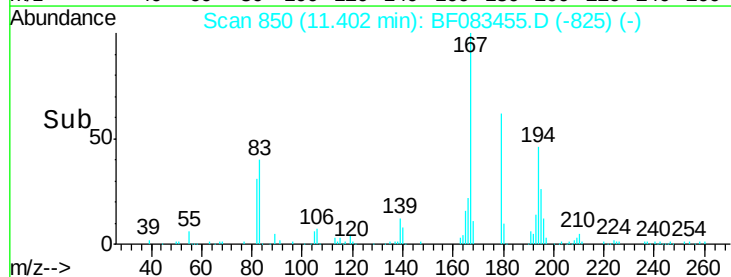


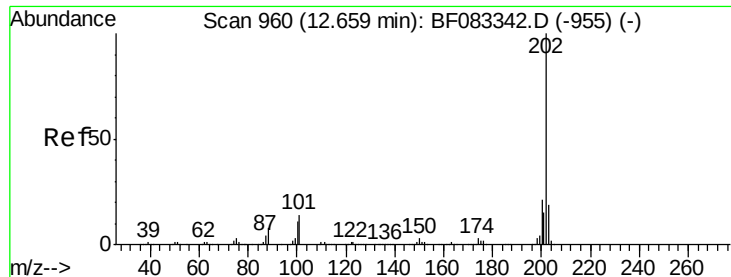
#72
 Carbazole
 Concen: 3.24 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF083455.D
 Acq: 3 Dec 2015 10:57

Tgt Ion:167 Resp: 61519
 Ion Ratio Lower Upper
 167 100
 166 27.5 17.4 26.0#
 139 17.1 10.5 15.7#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 332.27 ng

RT: 12.69 min Scan# 963

Delta R.T. 0.03 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

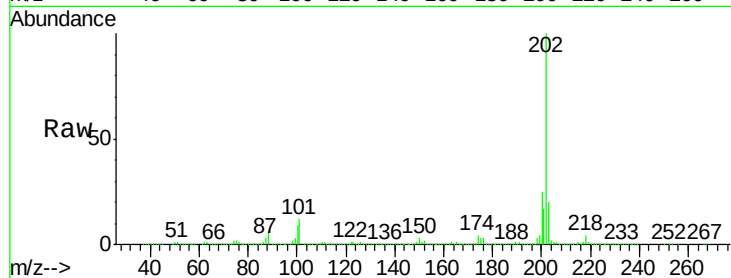
BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

Tot Ion:202 Resp: 7231034

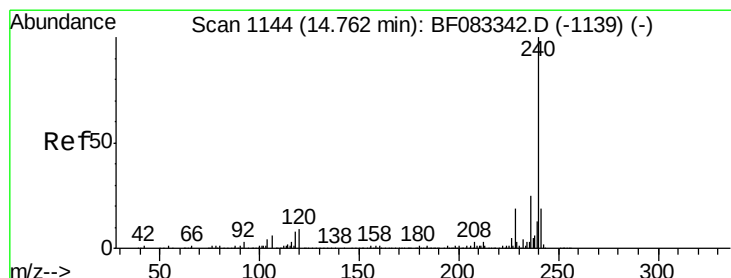
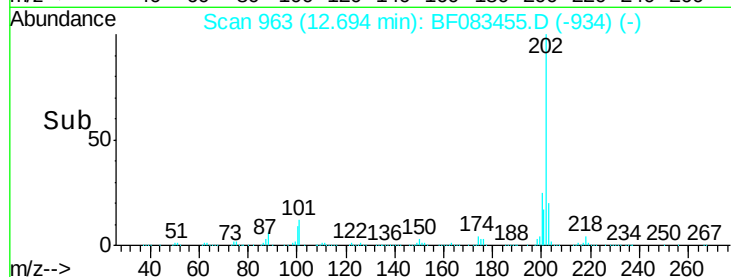
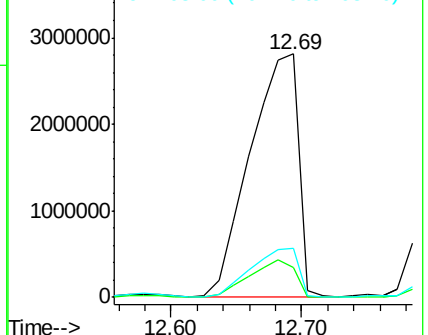
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.5
203	20.3	0.0	38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.76 min Scan# 1144

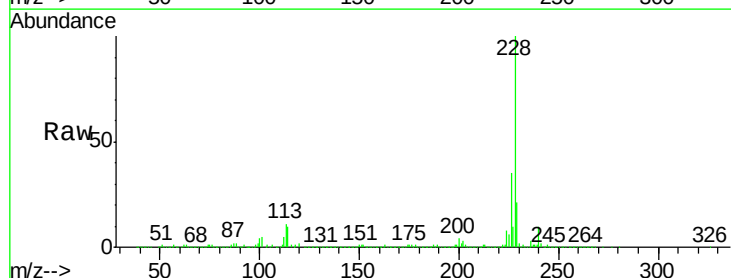
Delta R.T. -0.00 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Tgt Ion:240 Resp: 277109

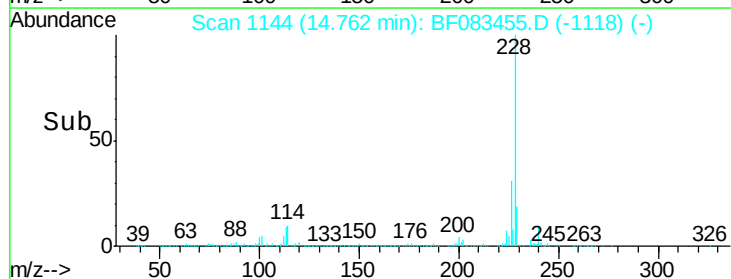
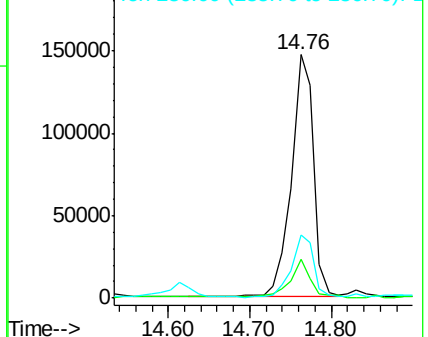
Ion	Ratio	Lower	Upper
240	100		
120	15.7	6.9	10.3#
236	26.0	19.8	29.6

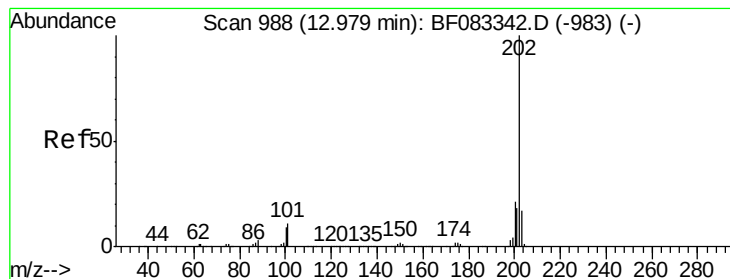


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 15.85 ng

RT: 12.90 min Scan# 981

Delta R.T. -0.08 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

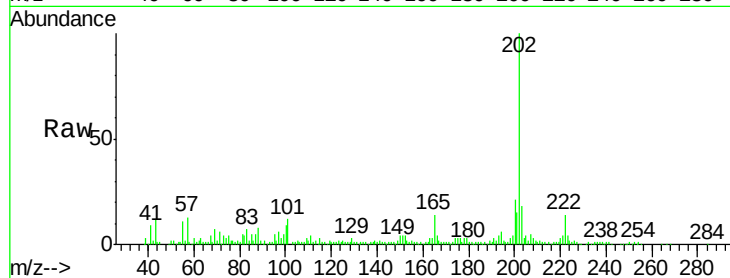
Tot Ion:202 Resp: 306768

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

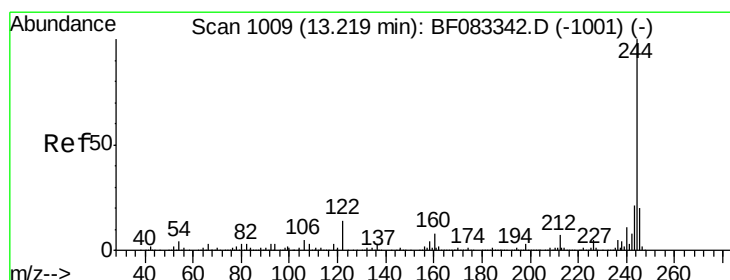
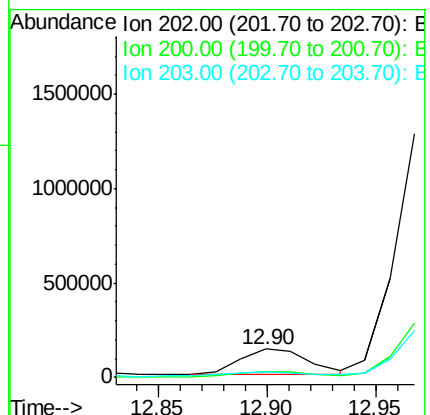
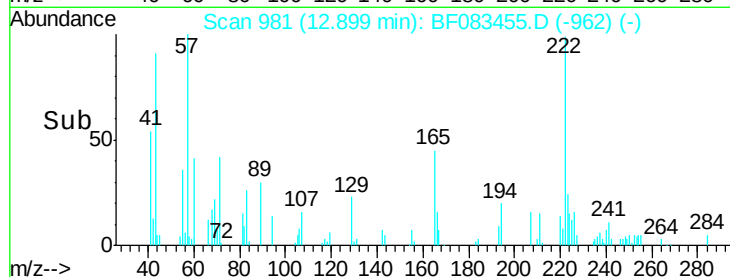
203 18.5 13.9 20.9



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: 93.10 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

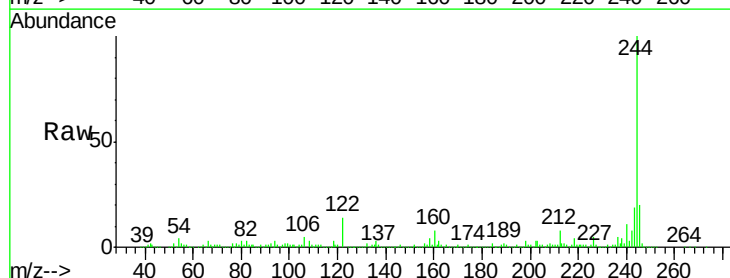
Tgt Ion:244 Resp: 1081844

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

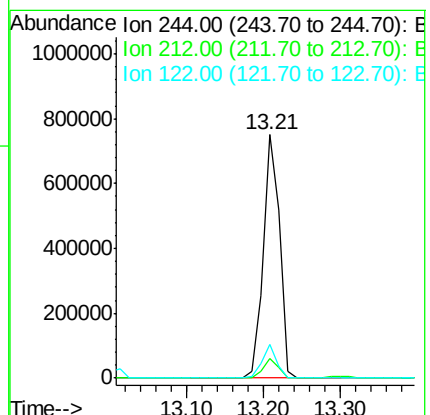
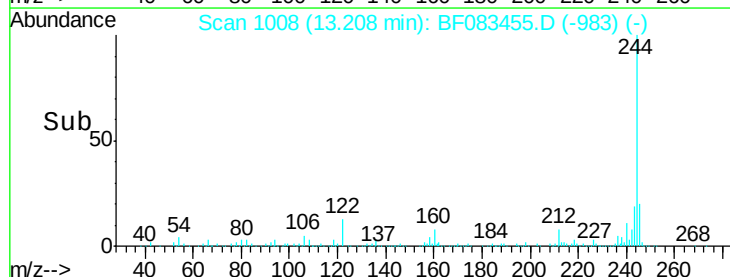
122 13.6 11.0 16.4

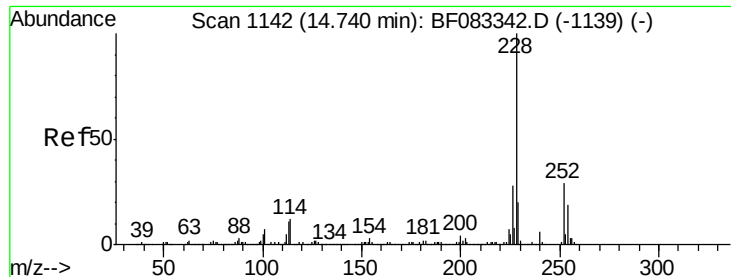


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

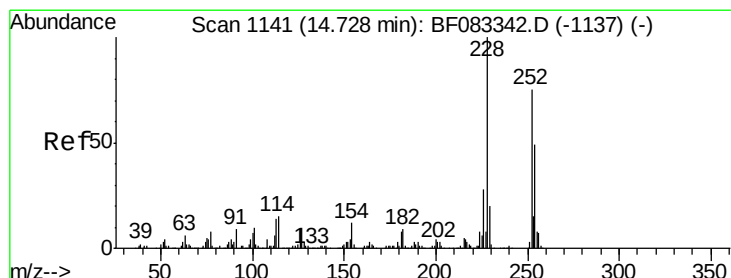
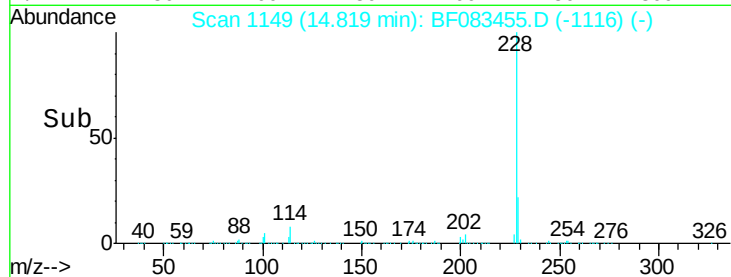
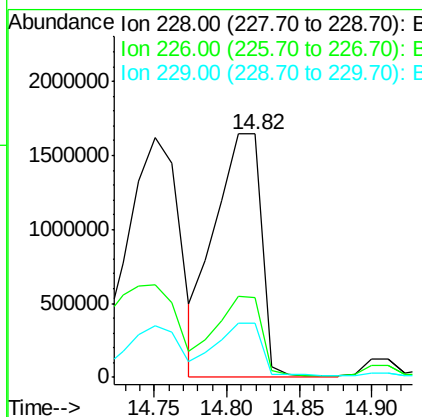
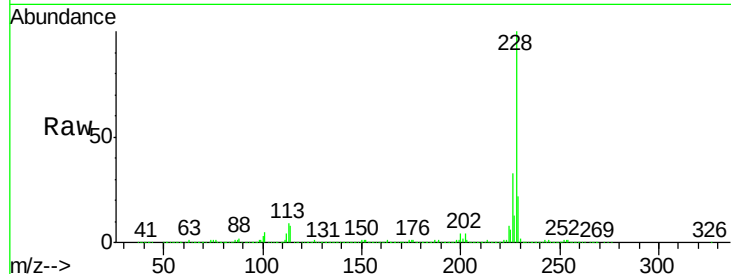




#80
Benzo(a)anthracene
Concen: 215.70 ng
RT: 14.82 min Scan# 1149
Delta R.T. 0.08 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

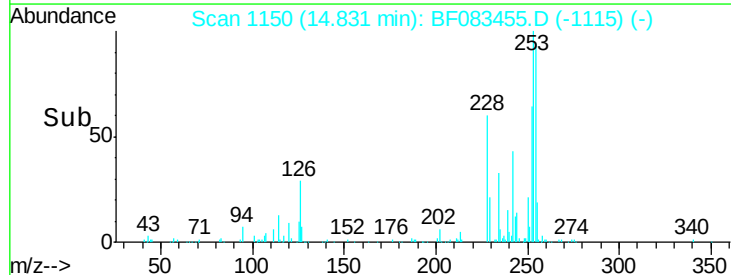
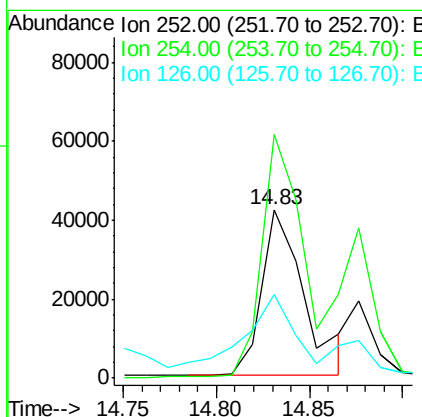
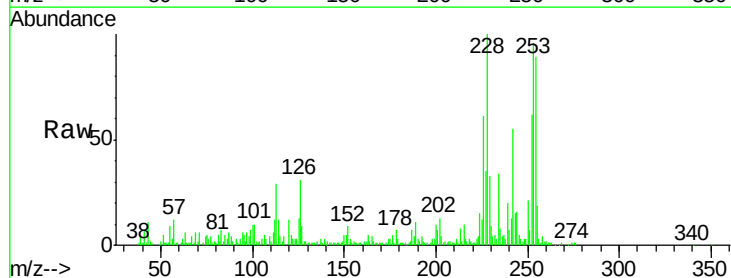
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

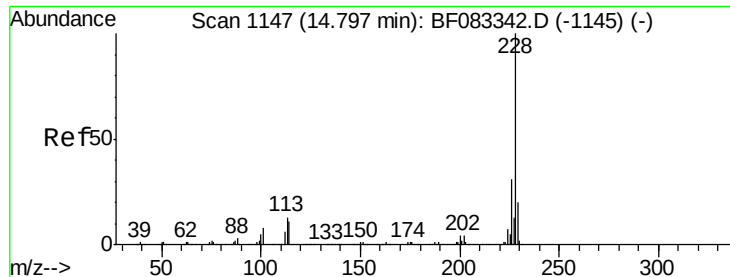
Tot Ion:228 Resp: 3661923
Ion Ratio Lower Upper
228 100
226 32.6 22.2 33.4
229 22.1 16.1 24.1



#81
3,3'-Dichlorobenzidine
Concen: 12.56 ng
RT: 14.83 min Scan# 1150
Delta R.T. 0.10 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

Tgt Ion:252 Resp: 66590
Ion Ratio Lower Upper
252 100
254 144.6 52.0 78.0#
126 49.7 10.7 16.1#





#82

Chrysene

Concen: 224.04 ng

RT: 14.82 min Scan# 1149

Delta R.T. 0.02 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

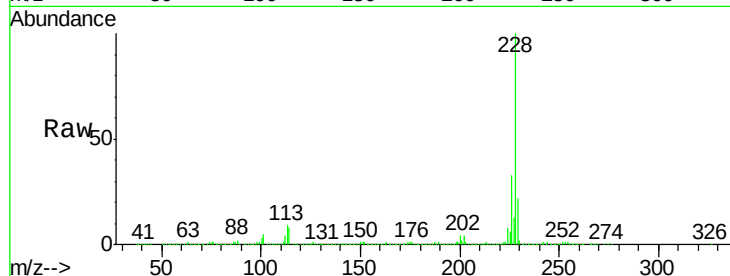
Tot Ion:228 Resp: 3674945

Ion Ratio Lower Upper

228 100

226 32.6 24.6 37.0

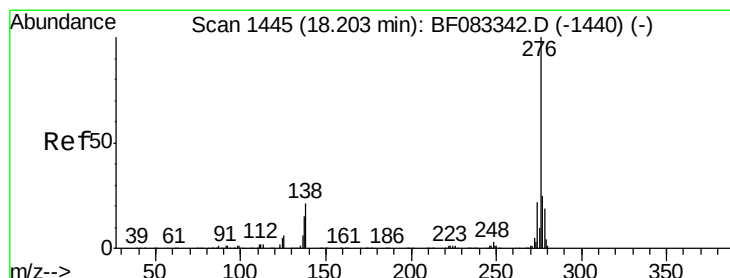
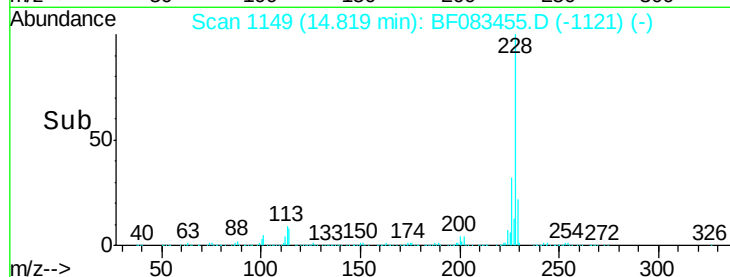
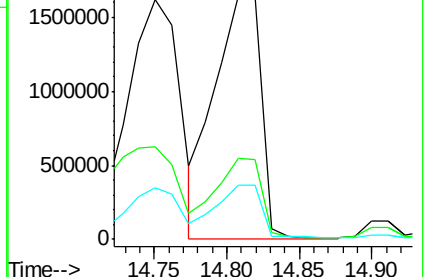
229 22.1 16.2 24.2



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: 172.90 ng

RT: 18.23 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

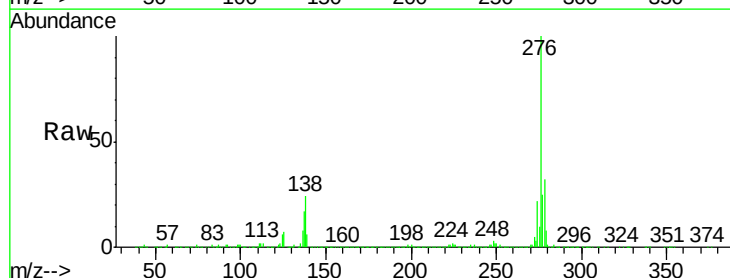
Tgt Ion:276 Resp: 2065529

Ion Ratio Lower Upper

276 100

138 21.5 21.2 31.8

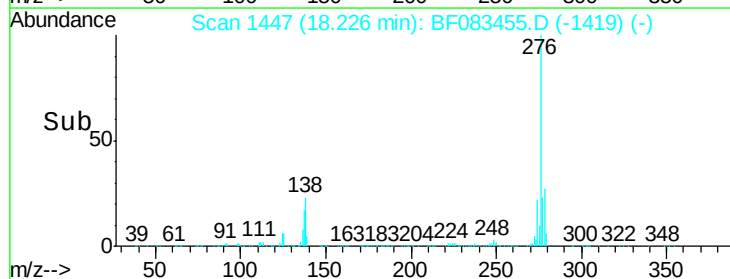
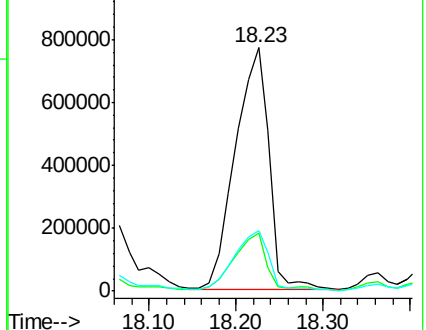
277 25.6 20.0 30.0

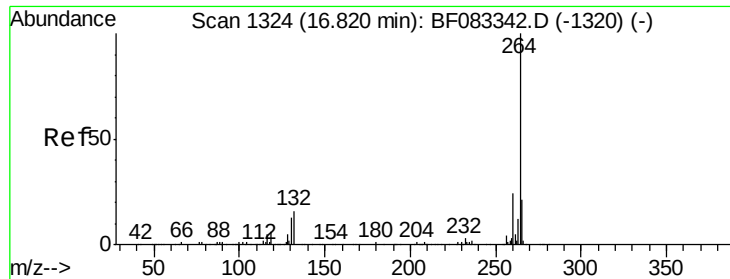


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.83 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

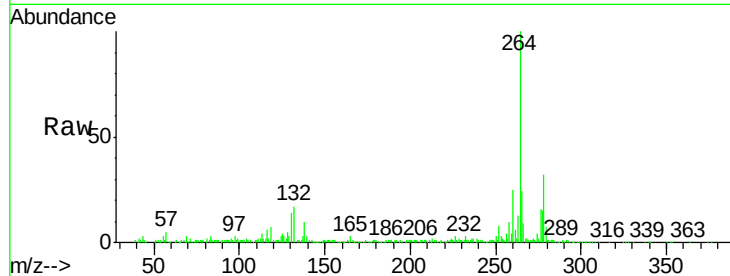
Tot Ion:264 Resp: 265115

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

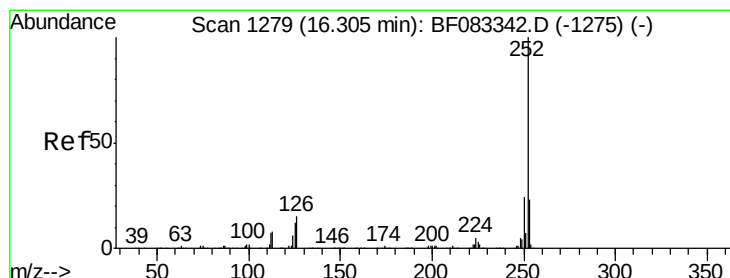
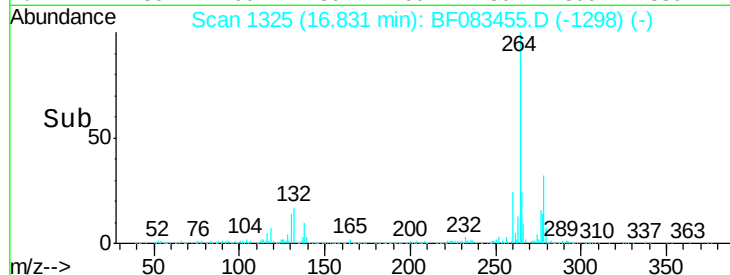
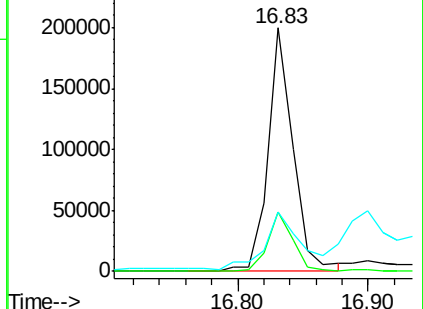
265 24.4 16.8 25.2



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: 295.49 ng

RT: 16.33 min Scan# 1281

Delta R.T. 0.02 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

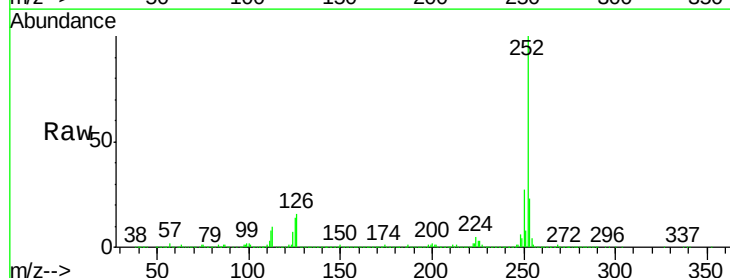
Tgt Ion:252 Resp: 5026632

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

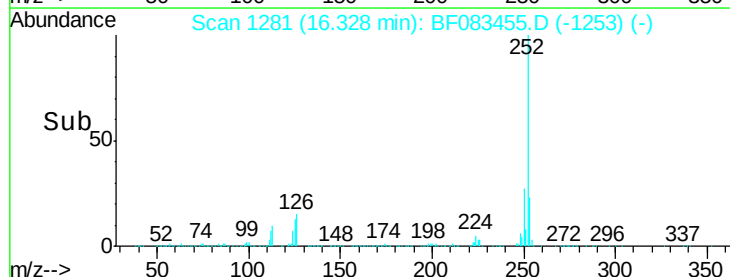
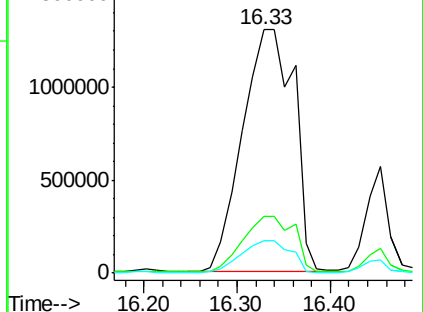
125 13.6 9.6 14.4

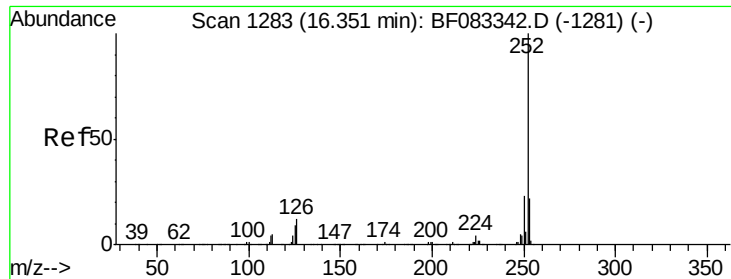


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

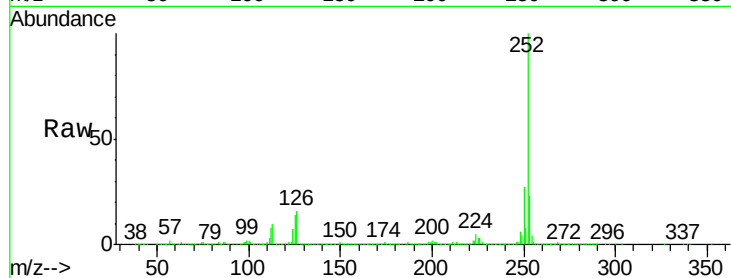




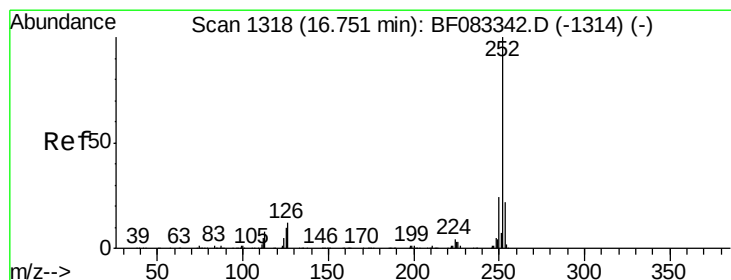
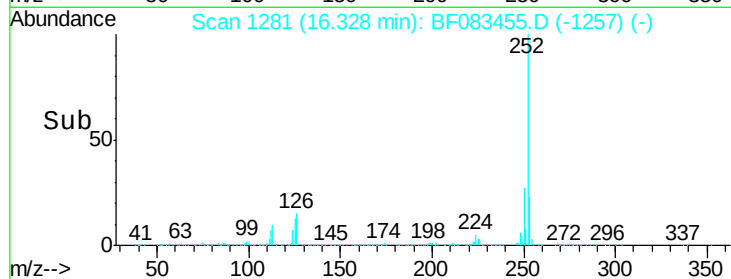
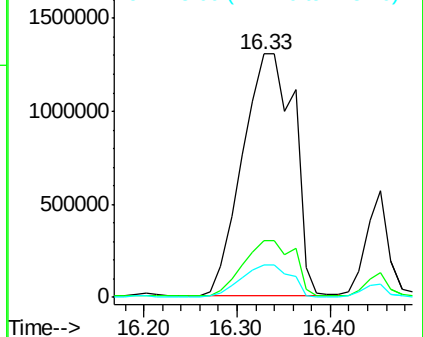
#88
Benzo(k)fluoranthene
Concen: 312.93 ng
RT: 16.33 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

Tot Ion:252 Resp: 5026632
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 13.6 7.5 11.3#

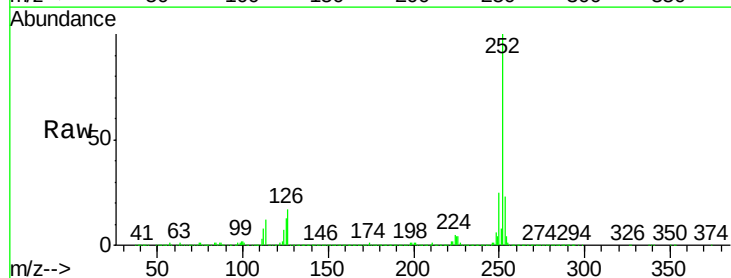


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

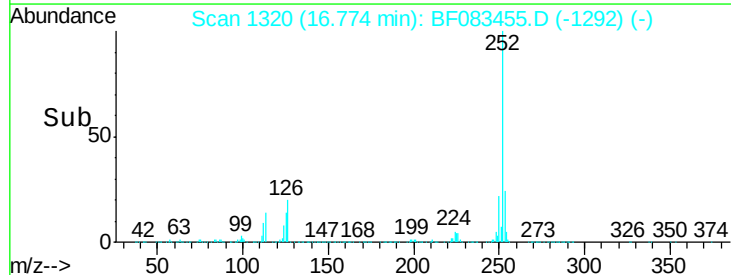
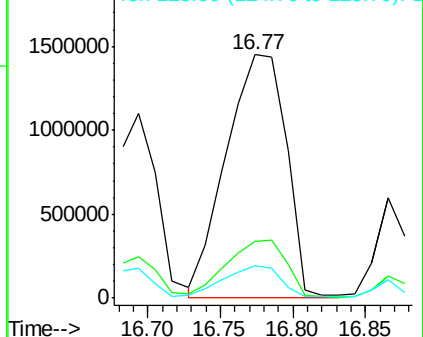


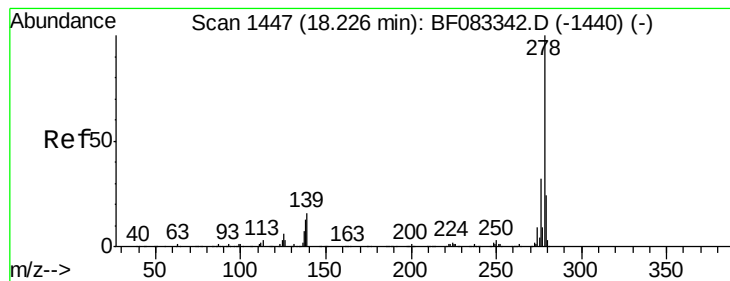
#89
Benzo(a)pyrene
Concen: 283.48 ng
RT: 16.77 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF083455.D
Acq: 3 Dec 2015 10:57

Tgt Ion:252 Resp: 4141981
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 13.2 7.8 11.8#



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





#90

Dibenzo(a,h)anthracene

Concen: 35.93 ng

RT: 18.23 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(0-6)

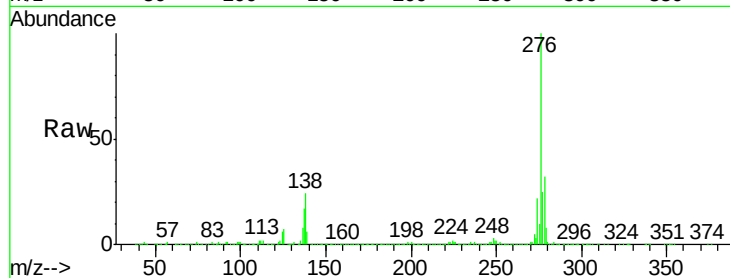
Tot Ion:278 Resp: 457401

Ion Ratio Lower Upper

278 100

139 18.4 13.1 19.7

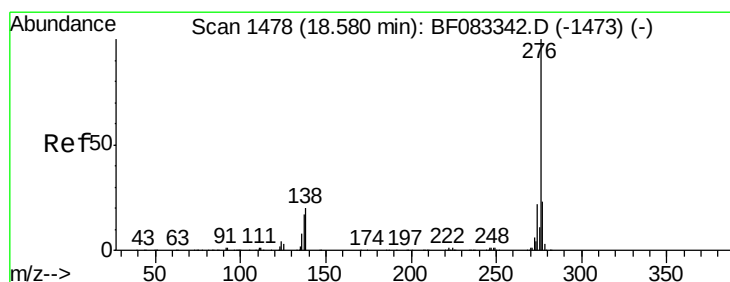
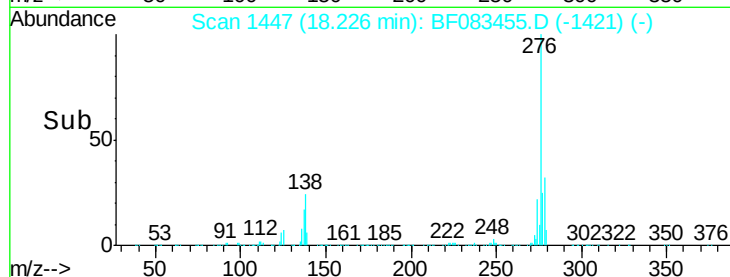
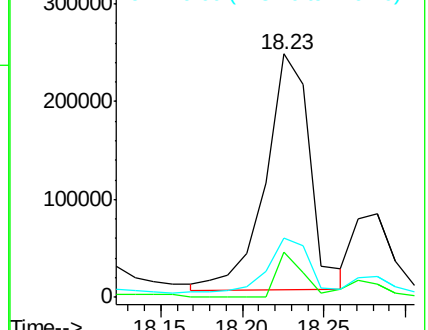
279 24.3 19.2 28.8



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: 188.01 ng

RT: 18.61 min Scan# 1481

Delta R.T. 0.03 min

Lab File: BF083455.D

Acq: 3 Dec 2015 10:57

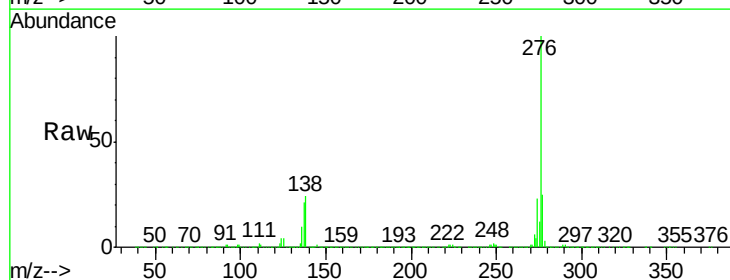
Tgt Ion:276 Resp: 2349270

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 23.8 16.1 24.1



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

