

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083430.D
 Acq On : 2 Dec 2015 21:19
 Operator : UM/IZ
 Sample : G4584-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-16(4-11)

Quant Time: Dec 03 02:51:51 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	6.69	152	464588	20.00	ng	0.15
21) Naphthalene-d8	7.85	136	480780	20.00	ng	0.01
38) Acenaphthene-d10	9.57	164	267499	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	499225	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	377442	20.00	ng	-0.02
86) Perylene-d12	16.80	264	345339	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	1103631	35.65	ng	0.00
7) Phenol-d6	6.21	99	1563980	36.91	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1019212	93.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	270961	100.91	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1385818	73.83	ng	-0.01
78) Terphenyl-d14	13.21	244	1300134	82.15	ng	-0.01

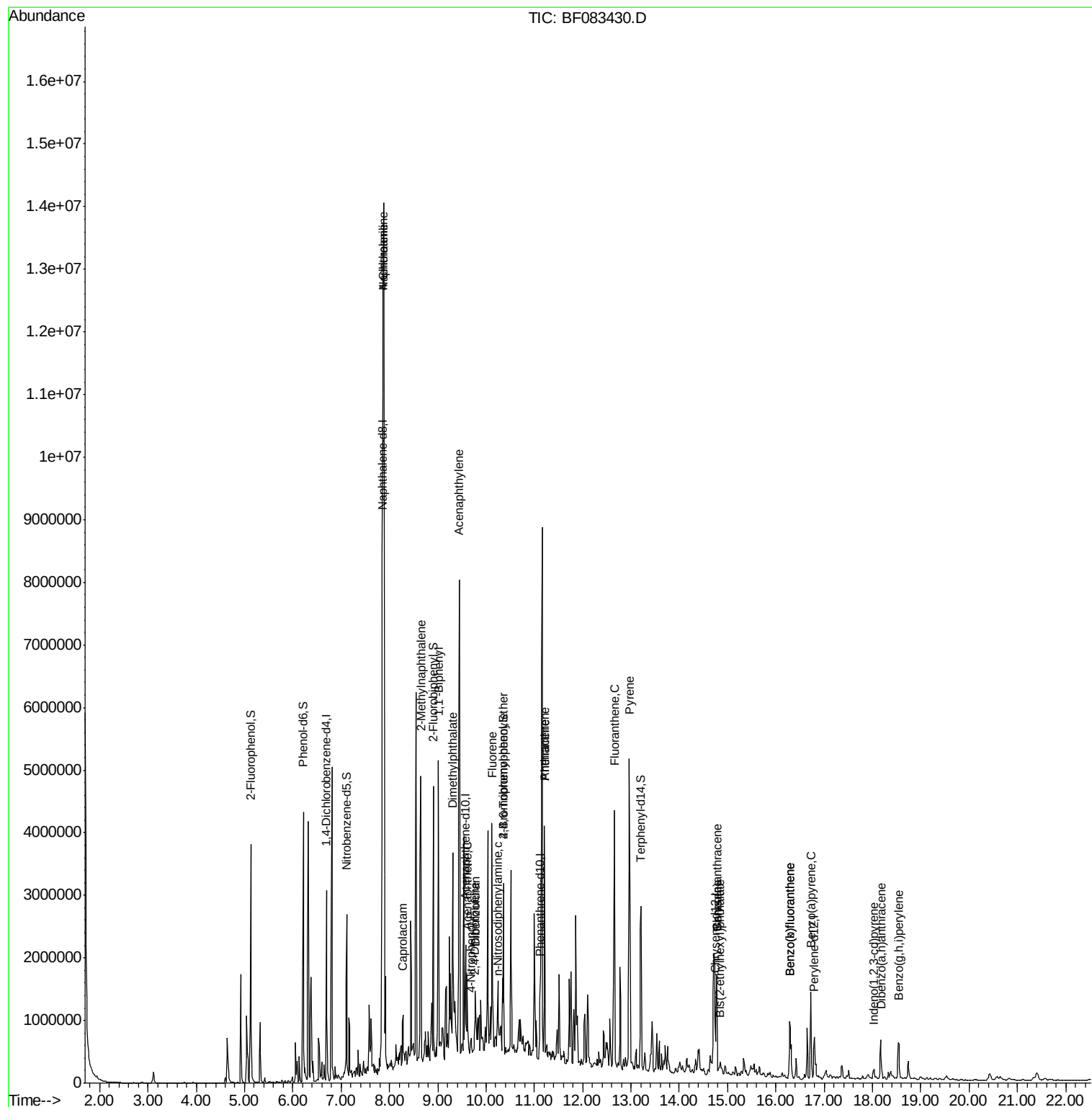
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.25	77	15402	Below Cal	#	9
31) Naphthalene	7.88	128	13051900	500.34	ng	85
33) 4-Chloroaniline	7.88	127	2334717	207.62	ng	34
35) Caprolactam	8.28	113	20199	8.32	ng	17
37) 2-Methylnaphthalene	8.65	142	1545755	88.66	ng	95
45) 1,1'-Biphenyl	9.01	154	845896	36.06	ng	99
48) Acenaphthylene	9.45	152	3883444	136.20	ng	95
49) Dimethylphthalate	9.31	163	425517	19.57	ng	98
51) Acenaphthene	9.61	154	257486	15.35	ng	99
54) Dibenzofuran	9.78	168	223669	9.10	ng	# 92
55) 4-Nitrophenol	9.69	139	7938	2.33	ng	# 36
56) 2,4-Dinitrotoluene	9.77	165	18628	3.16	ng	# 69
57) Fluorene	10.12	166	1234148	63.59	ng	99
65) n-Nitrosodiphenylamine	10.24	169	40427	2.30	ng	# 77
66) 4-Bromophenyl-phenylether	10.36	248	16416	3.01	ng	# 1
70) Phenanthrene	11.21	178	1564196	52.94	ng	98
71) Anthracene	11.21	178	1564196	52.59	ng	99
74) Fluoranthene	12.66	202	2724914	88.98	ng	97
77) Pyrene	12.97	202	3488342	132.34	ng	95
80) Benzo(a)anthracene	14.77	228	843439	36.47	ng	98
82) Chrysene	14.77	228	844351	37.79	ng	99
83) Bis(2-ethylhexyl)phthalate	14.84	149	67864	4.52	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.03	276	102583	6.30	ng	94
87) Benzo(b)fluoranthene	16.28	252	921145	41.57	ng	98
88) Benzo(k)fluoranthene	16.28	252	921145	44.02	ng	# 95
89) Benzo(a)pyrene	16.73	252	829556	43.59	ng	98
90) Dibenzo(a,h)anthracene	18.18	278	86511	5.22	ng	97
91) Benzo(g,h,i)perylene	18.55	276	448666	27.57	ng	99

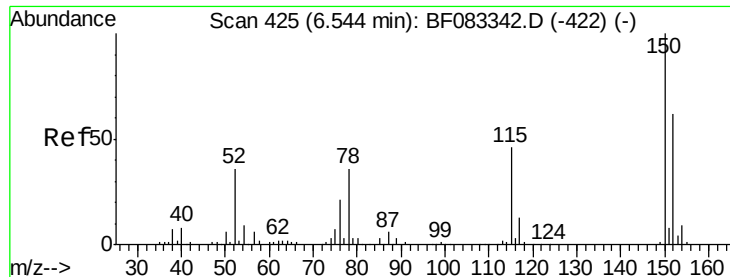
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 438

Delta R.T. 0.15 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)

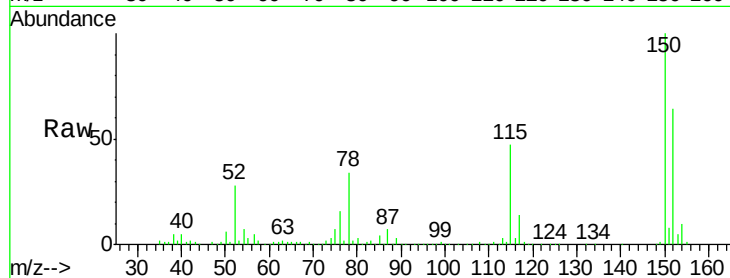
Tgt Ion:152 Resp: 464588

Ion Ratio Lower Upper

152 100

150 156.4 129.8 194.8

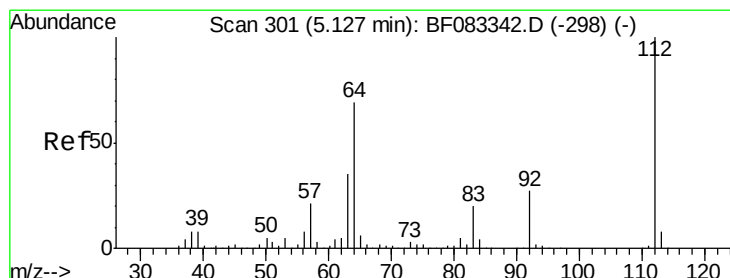
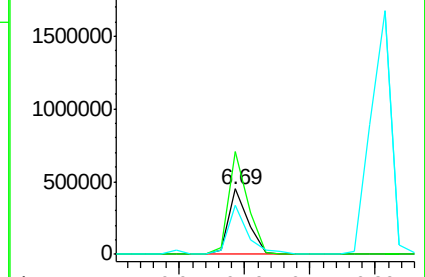
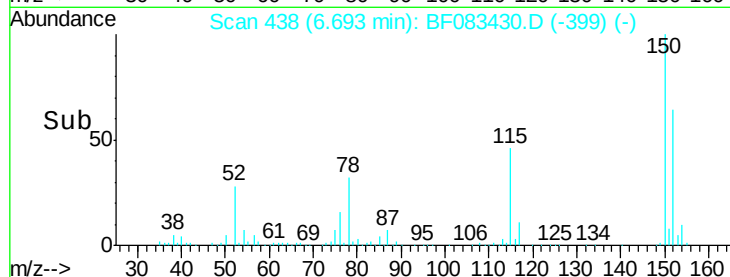
115 74.1 59.2 88.8



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



#5

2-Fluorophenol

Concen: 35.65 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

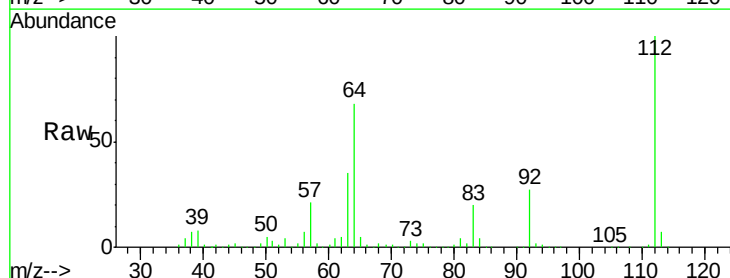
Tgt Ion:112 Resp: 1103631

Ion Ratio Lower Upper

112 100

64 67.8 55.6 83.4

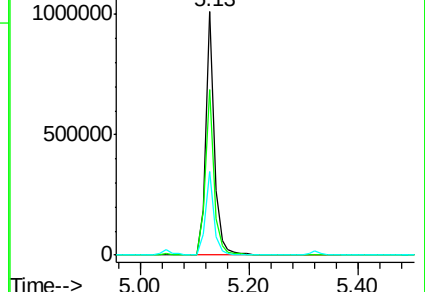
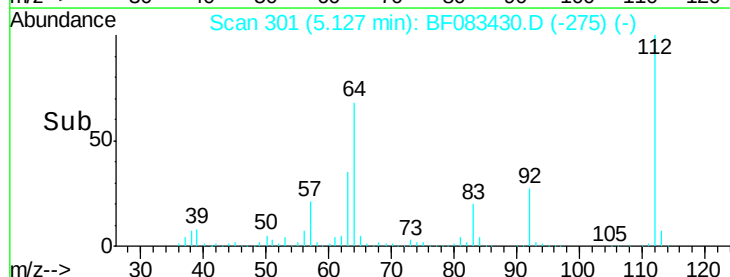
63 34.5 28.2 42.2

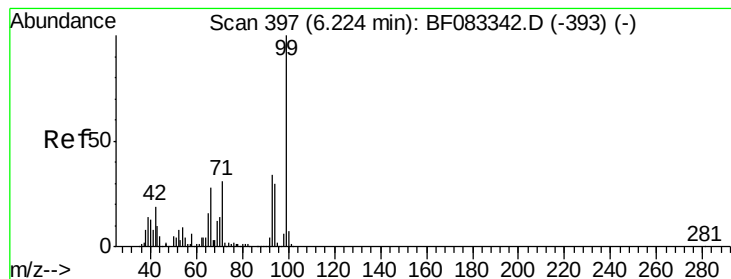


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.91 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)

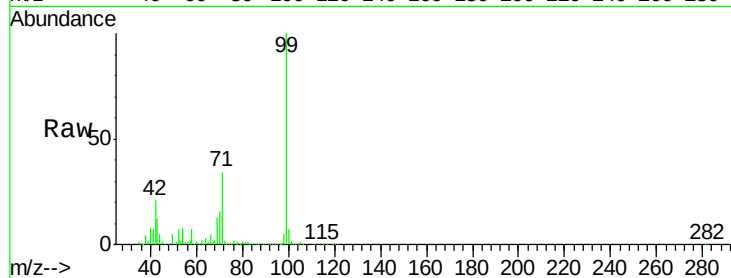
Tgt Ion: 99 Resp: 1563980

Ion Ratio Lower Upper

99 100

42 21.2 14.9 22.3

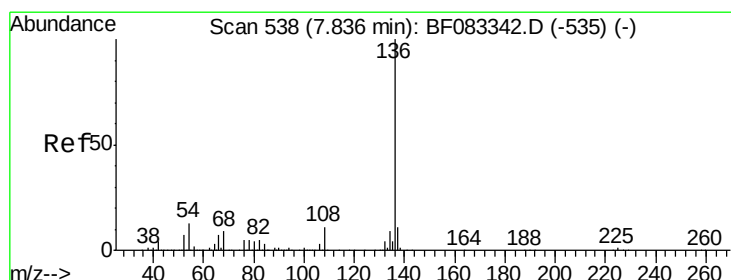
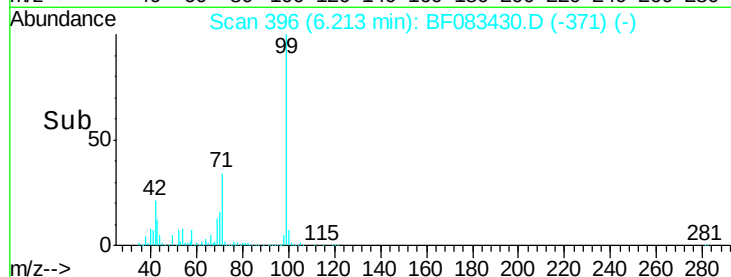
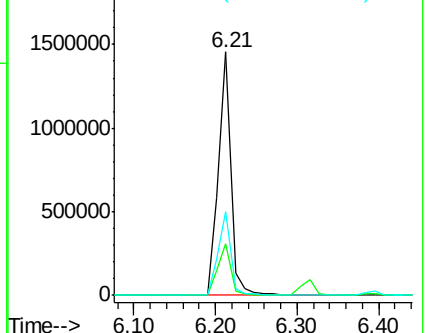
71 34.2 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Tgt Ion: 136 Resp: 480780

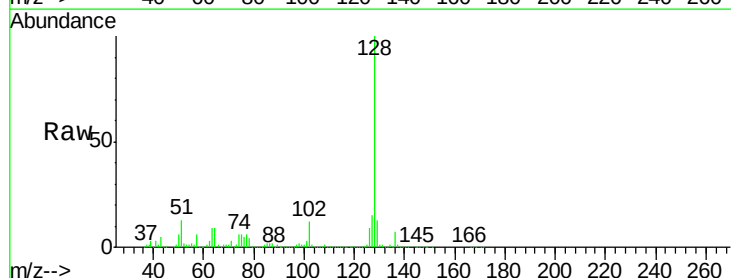
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 12.0 10.1 15.1

68 8.4 7.1 10.7

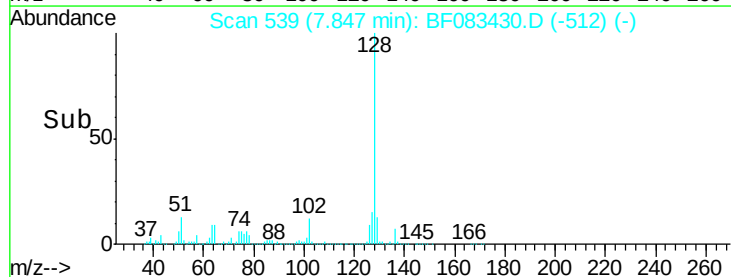
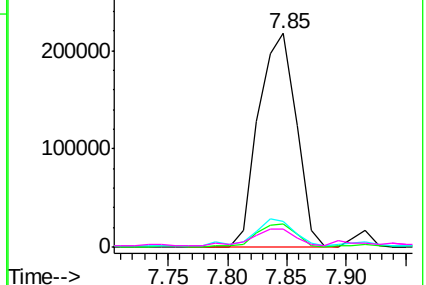


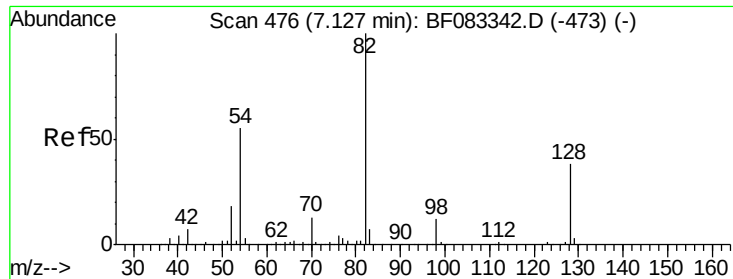
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

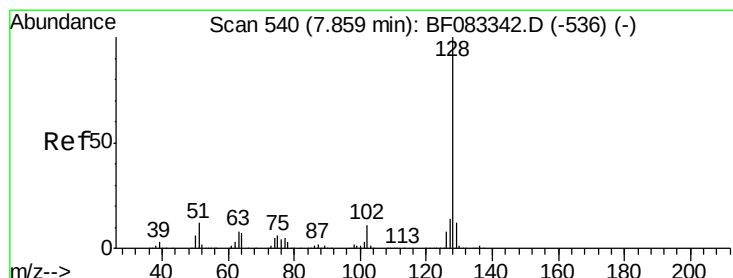
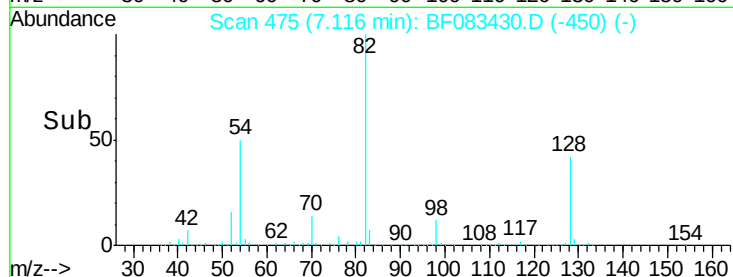
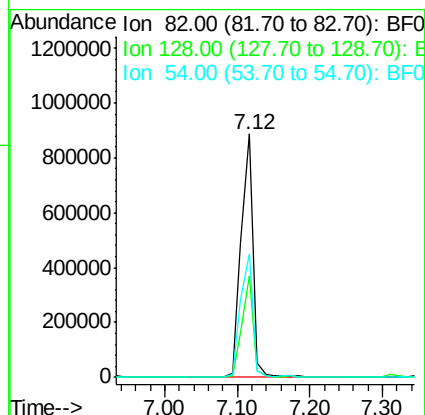
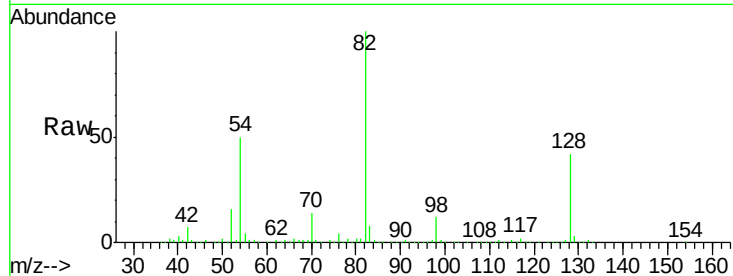




#23
 Nitrobenzene-d5
 Concen: 93.19 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

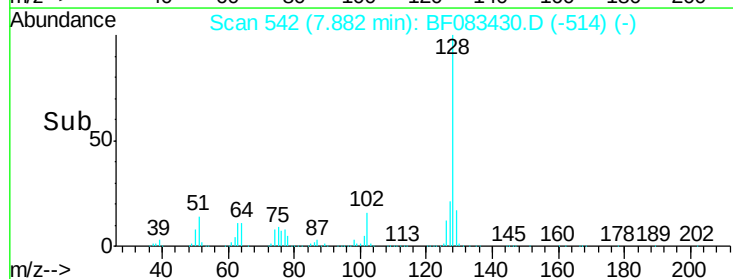
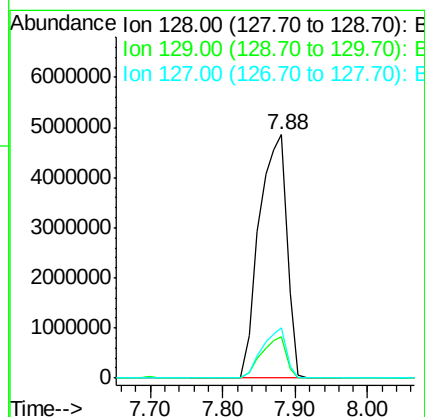
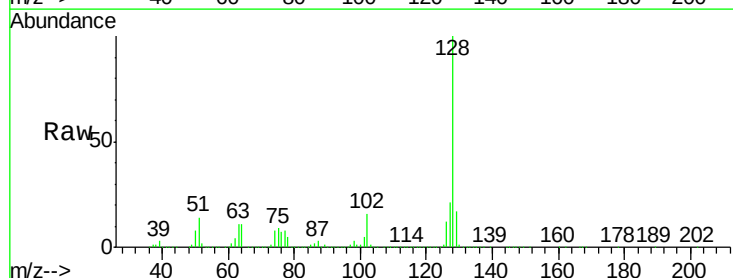
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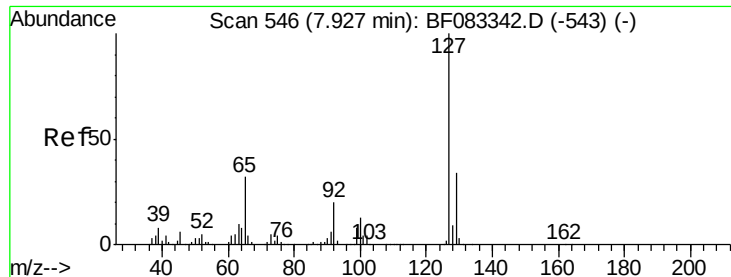
Tgt Ion: 82 Resp: 1019212
 Ion Ratio Lower Upper
 82 100
 128 41.9 30.6 46.0
 54 50.4 43.8 65.6



#31
 Naphthalene
 Concen: 500.34 ng
 RT: 7.88 min Scan# 542
 Delta R.T. 0.02 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

Tgt Ion: 128 Resp: 13051900
 Ion Ratio Lower Upper
 128 100
 129 17.1 9.7 14.5#
 127 20.5 11.0 16.4#

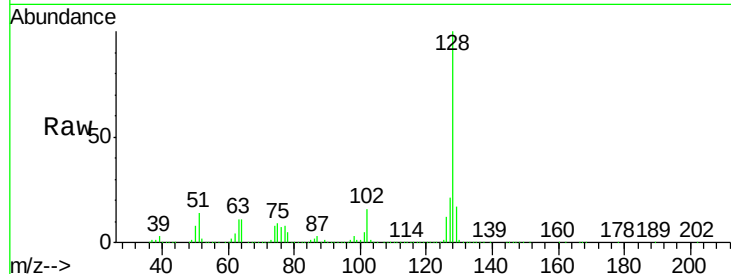




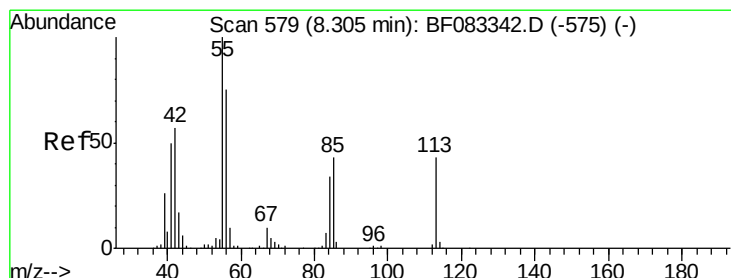
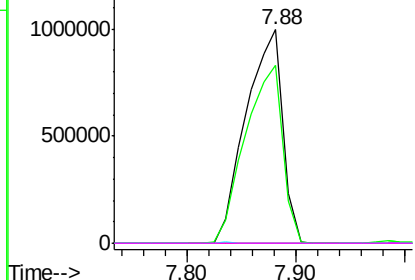
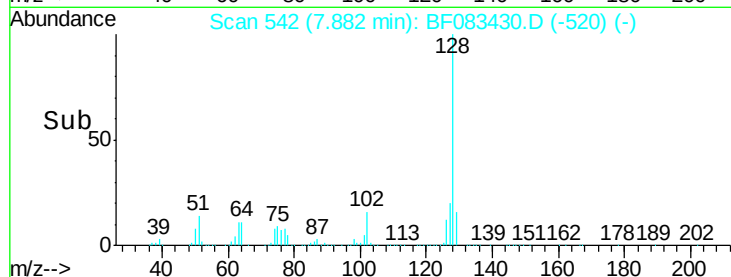
#33
 4-Chloroaniline
 Concen: 207.62 ng
 RT: 7.88 min Scan# 542
 Delta R.T. -0.05 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-16(4-11)

Tgt Ion:127 Resp: 2334717
 Ion Ratio Lower Upper
 127 100
 129 83.1 27.0 40.4#
 65 0.0 25.9 38.9#
 92 0.1 15.8 23.8#

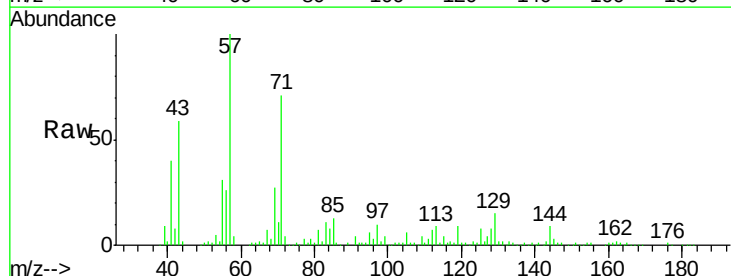


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

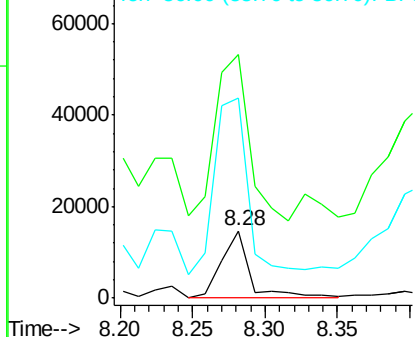
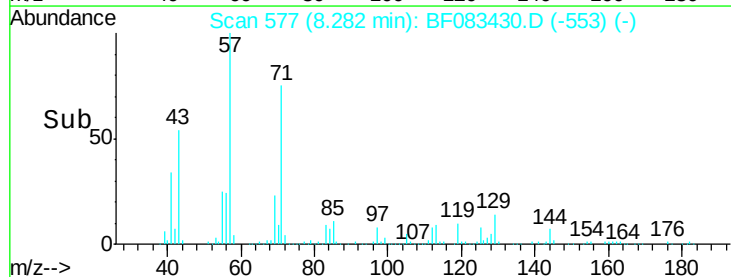


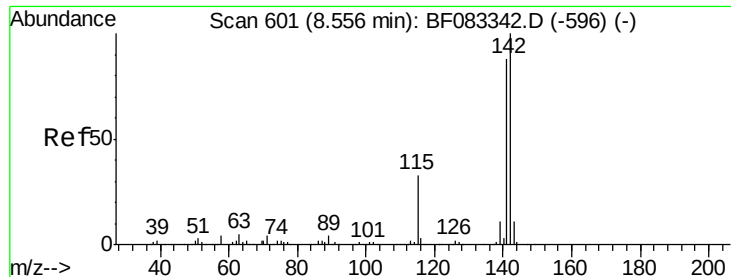
#35
 Caprolactam
 Concen: 8.32 ng
 RT: 8.28 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

Tgt Ion:113 Resp: 20199
 Ion Ratio Lower Upper
 113 100
 55 362.3 211.6 251.6#
 56 296.9 153.0 193.0#



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

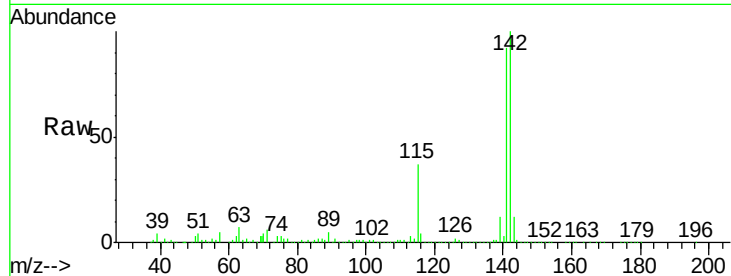




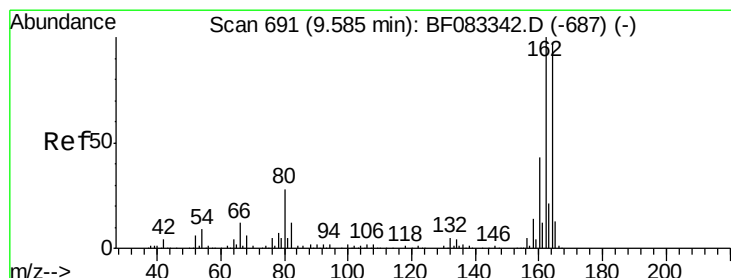
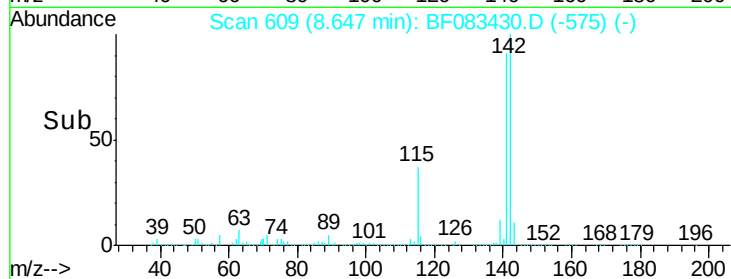
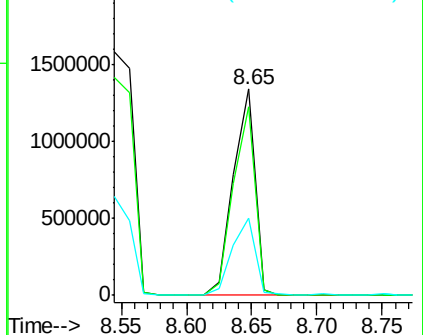
#37
2-Methylnaphthalene
Concen: 88.66 ng
RT: 8.65 min Scan# 609
Delta R.T. 0.09 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

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SB-P3WC-16(4-11)

Tgt Ion:142 Resp: 1545755
Ion Ratio Lower Upper
142 100
141 91.6 70.6 105.8
115 37.4 26.2 39.2

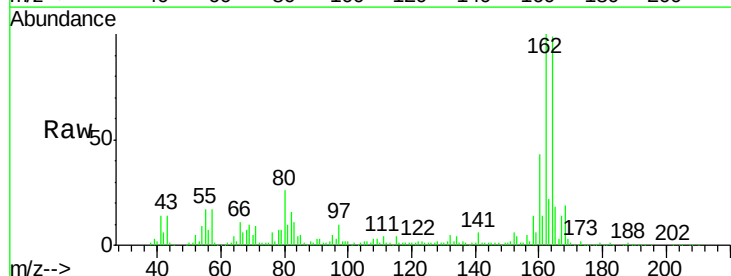


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

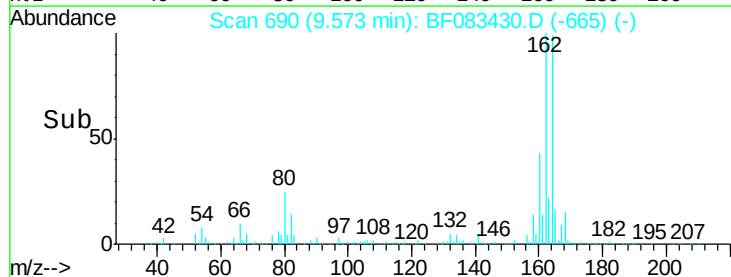
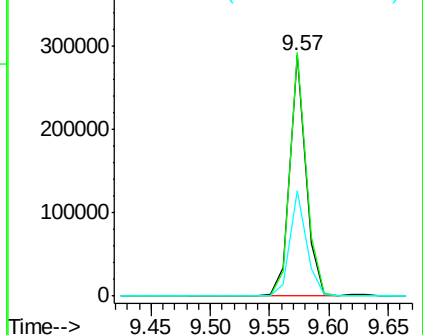


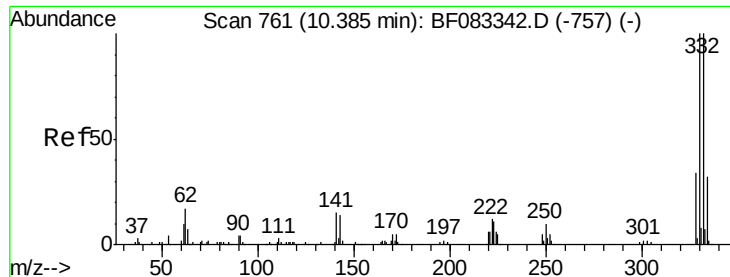
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

Tgt Ion:164 Resp: 267499
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 43.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

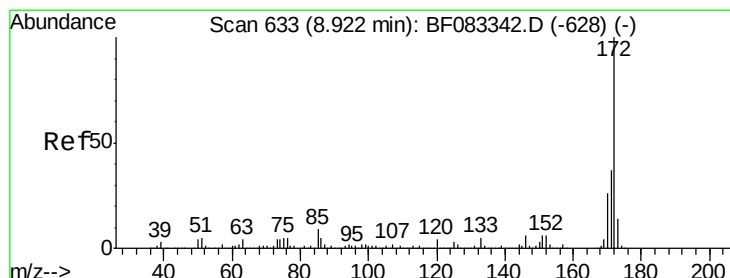
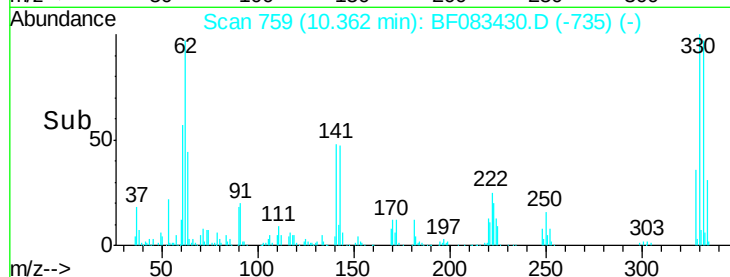
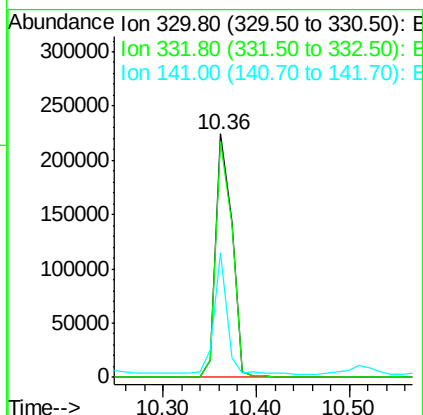
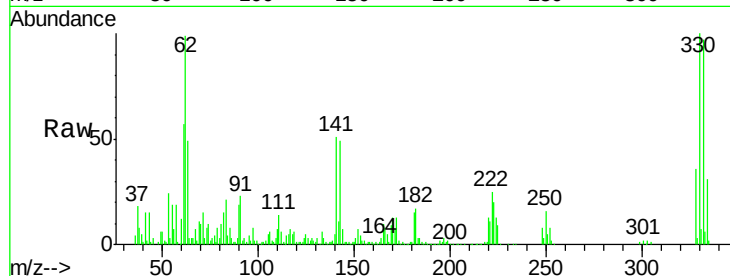




#41
 2,4,6-Tribromophenol
 Concen: 100.91 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

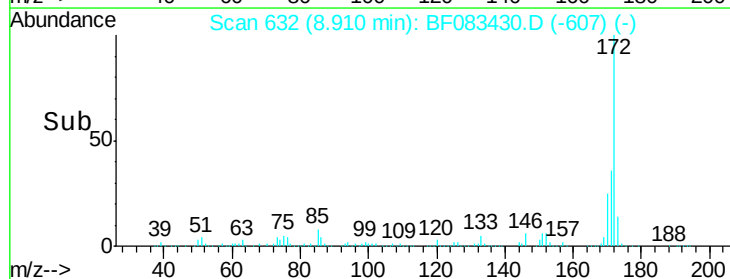
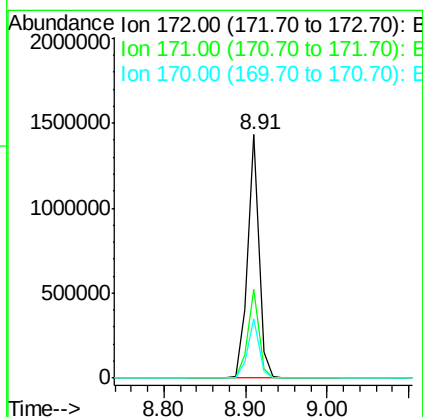
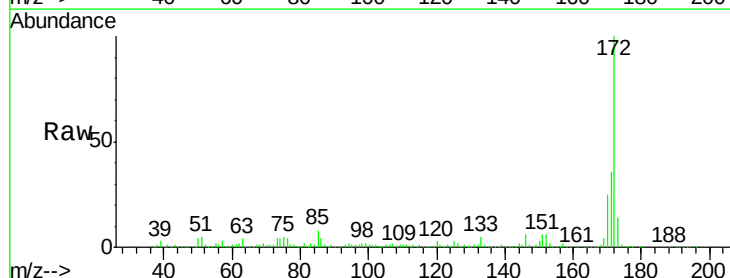
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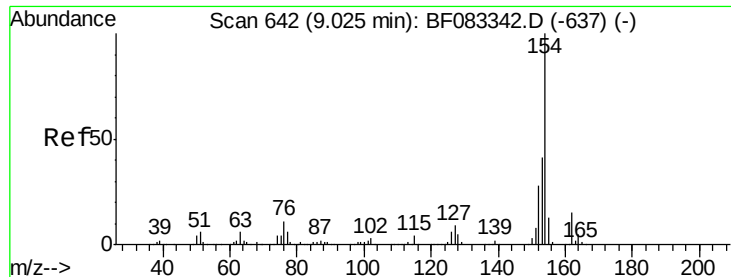
Tgt Ion:330 Resp: 270961
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.8 116.6
 141 40.6 29.4 44.0



#44
 2-Fluorobiphenyl
 Concen: 73.83 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

Tgt Ion:172 Resp: 1385818
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.6 20.4 30.6





#45

1,1'-Biphenyl

Concen: 36.06 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

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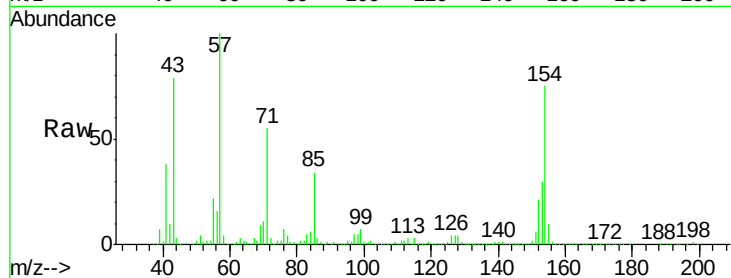
Tgt Ion:154 Resp: 845896

Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

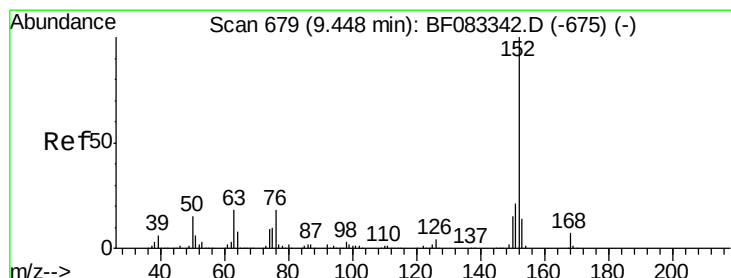
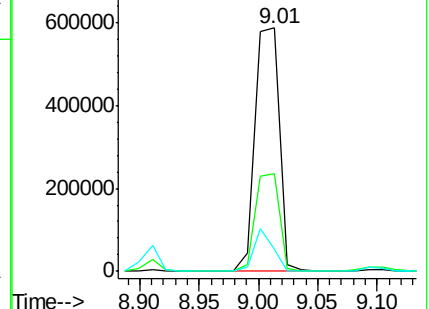
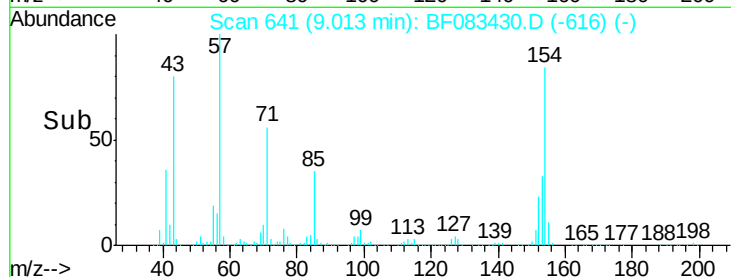
76 9.2 0.0 30.5



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: 136.20 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

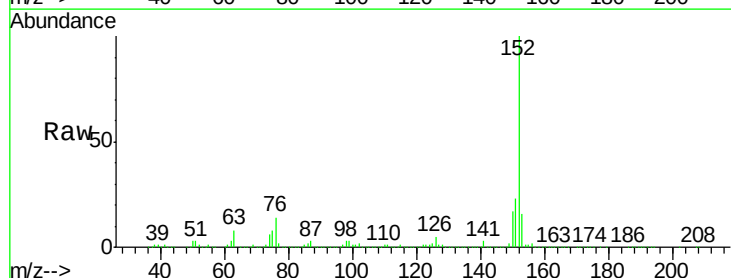
Tgt Ion:152 Resp: 3883444

Ion Ratio Lower Upper

152 100

151 23.4 16.7 25.1

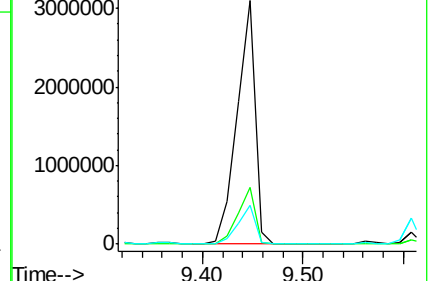
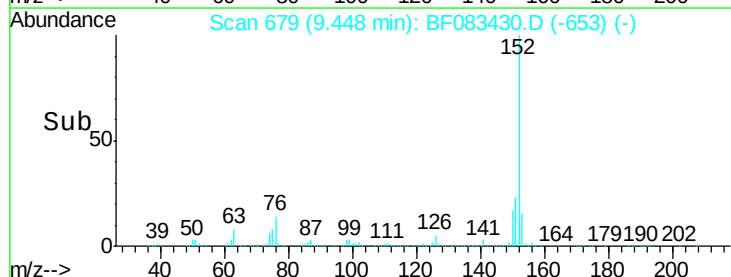
153 15.7 11.2 16.8

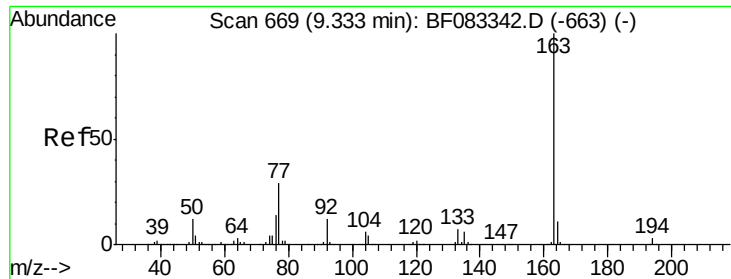


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 19.57 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

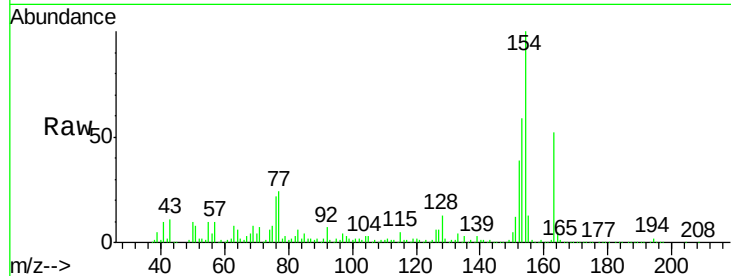
Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)

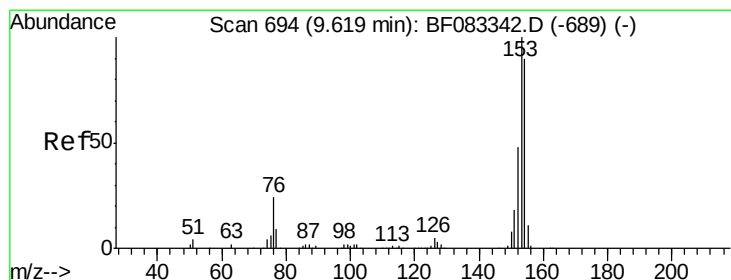
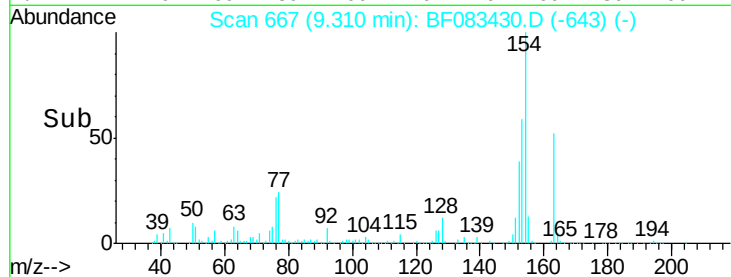
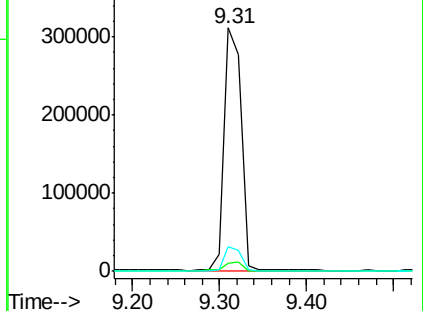
Tgt Ion:163	Resp:	425517
Ion Ratio	Lower	Upper
163	100	
194	3.1	2.7 4.1
164	10.3	8.8 13.2



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



#51

Acenaphthene

Concen: 15.35 ng

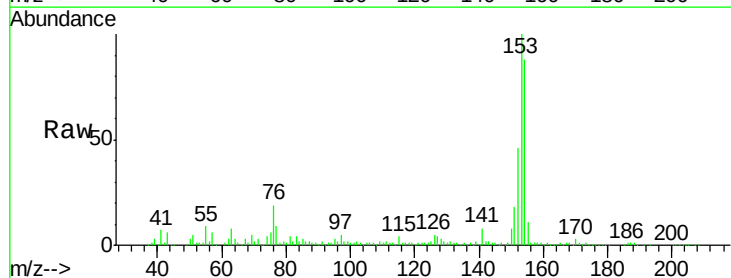
RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

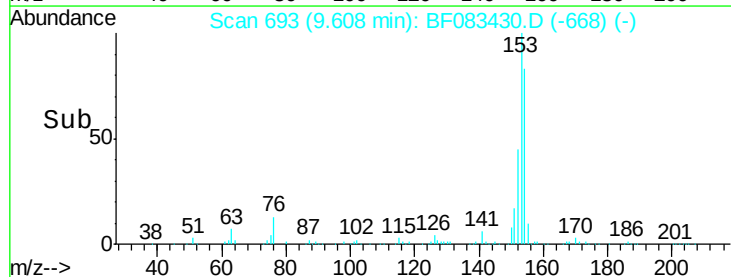
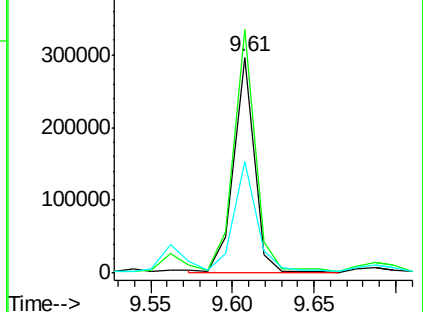
Tgt Ion:154	Resp:	257486
Ion Ratio	Lower	Upper
154	100	
153	113.0	89.3 133.9
152	52.2	42.5 63.7

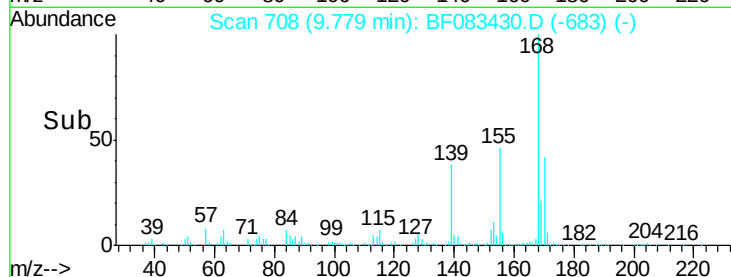
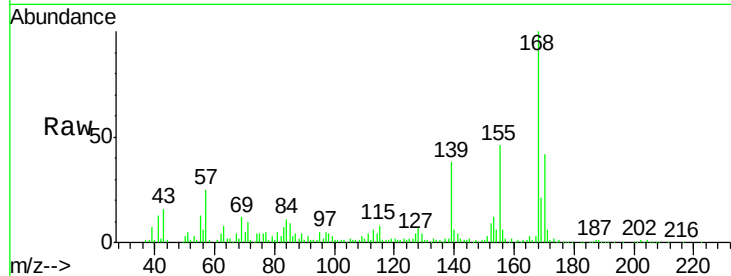
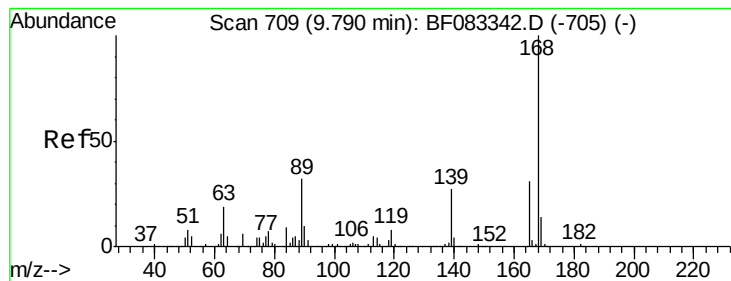


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 9.10 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)

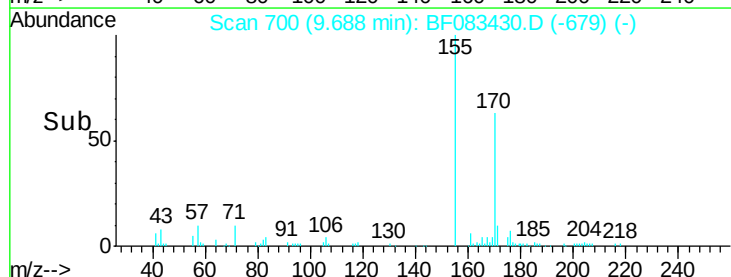
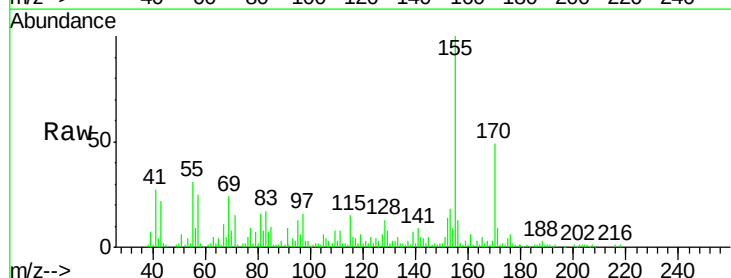
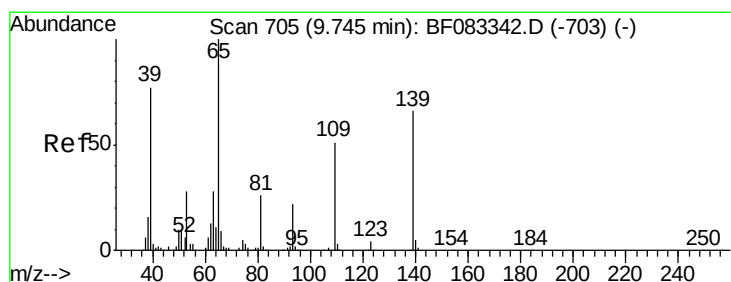
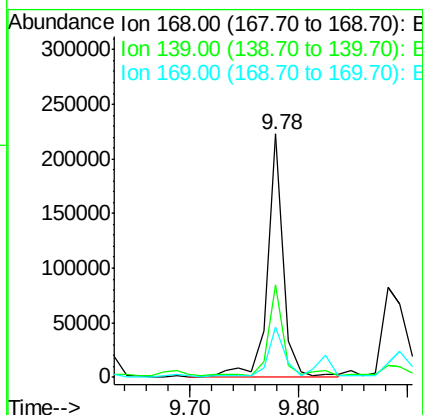
Tgt Ion:168 Resp: 223669

Ion Ratio Lower Upper

168 100

139 38.2 32.7 49.1

169 20.7 11.1 16.7#



#55

4-Nitrophenol

Concen: 2.33 ng

RT: 9.69 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

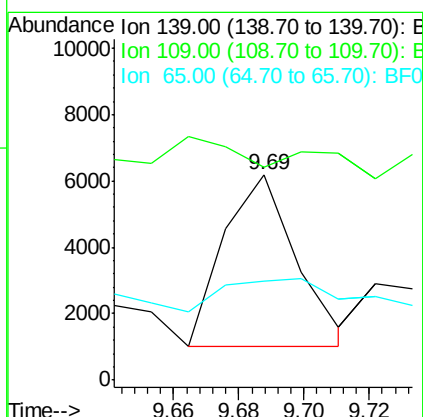
Tgt Ion:139 Resp: 7938

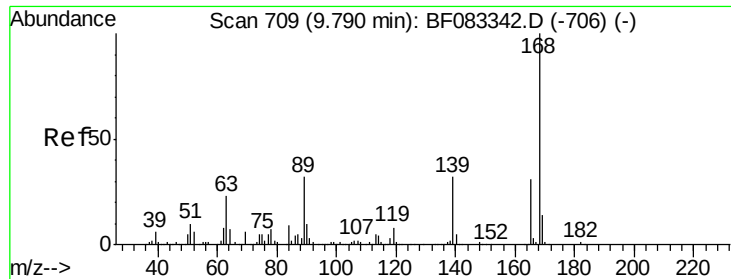
Ion Ratio Lower Upper

139 100

109 103.4 57.4 97.4#

65 48.2 131.6 171.6#

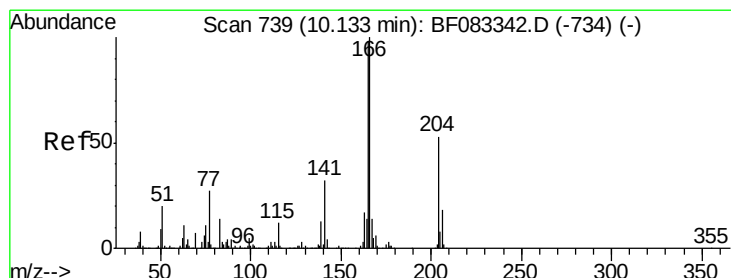
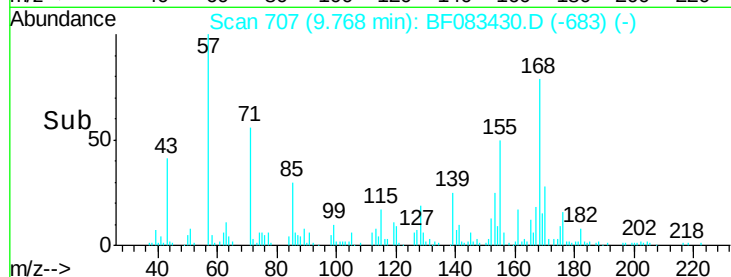
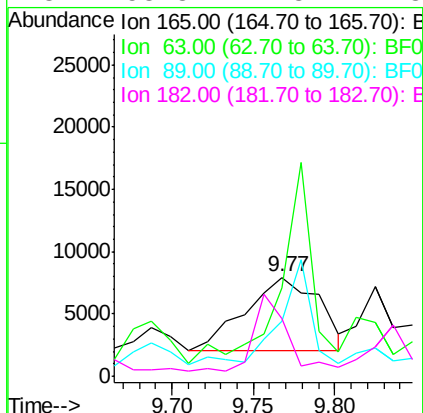
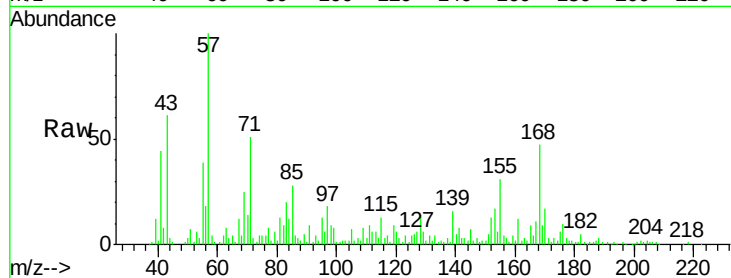




#56
2,4-Dinitrotoluene
Concen: 3.16 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

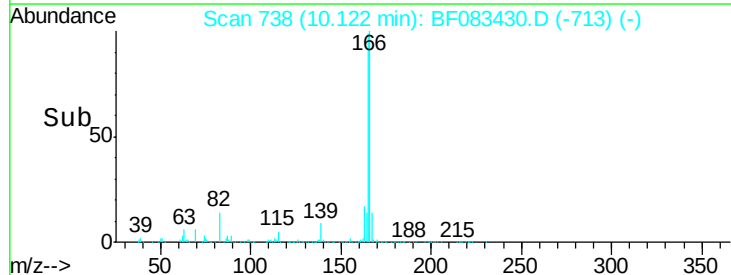
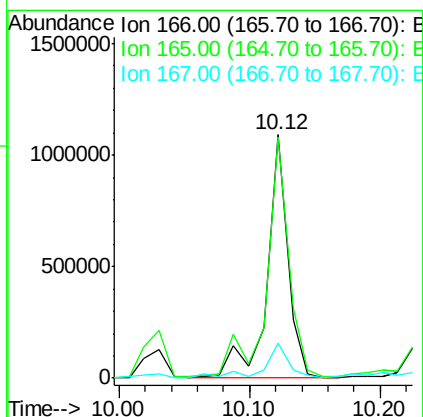
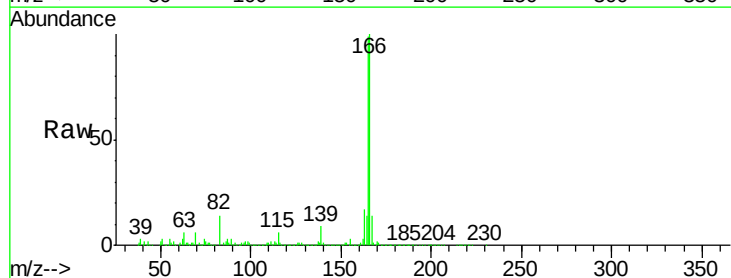
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

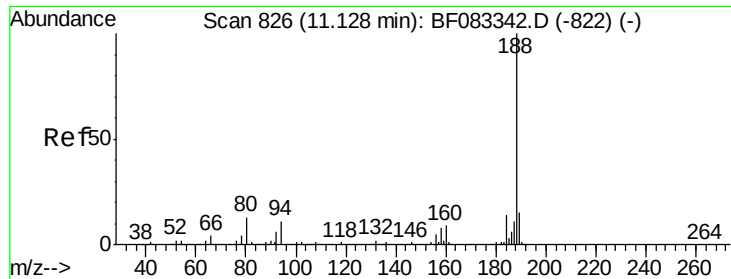
Tgt Ion:165 Resp: 18628
Ion Ratio Lower Upper
165 100
63 89.0 65.4 98.0
89 55.6 81.2 121.8#
182 58.8 1.8 2.8#



#57
Fluorene
Concen: 63.59 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

Tgt Ion:166 Resp: 1234148
Ion Ratio Lower Upper
166 100
165 99.2 78.3 117.5
167 14.4 11.1 16.7

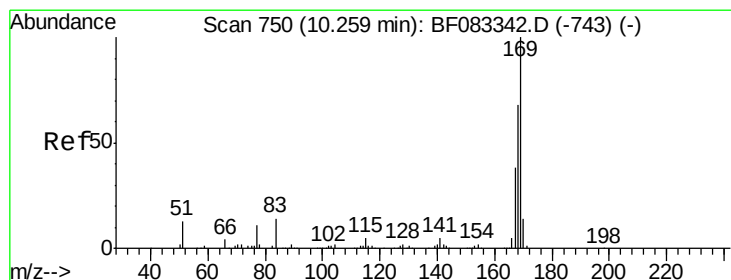
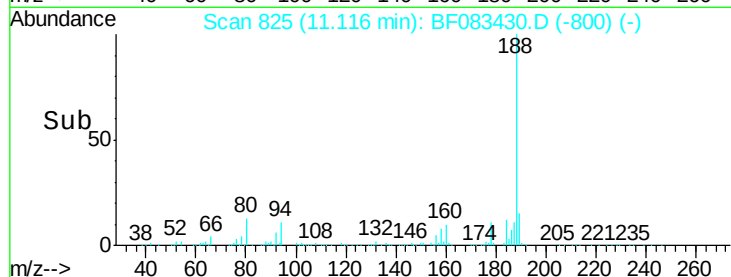
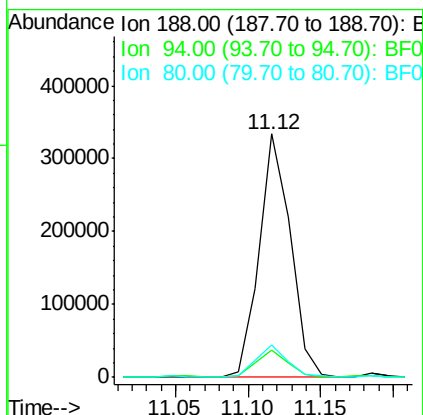
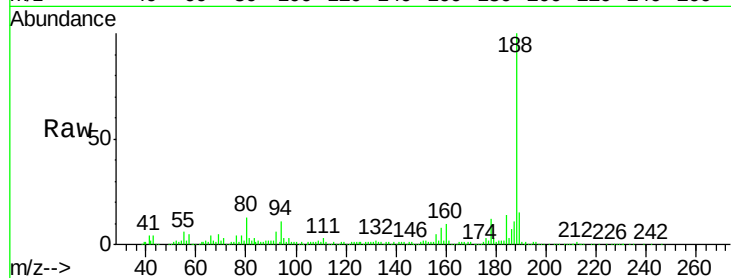




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

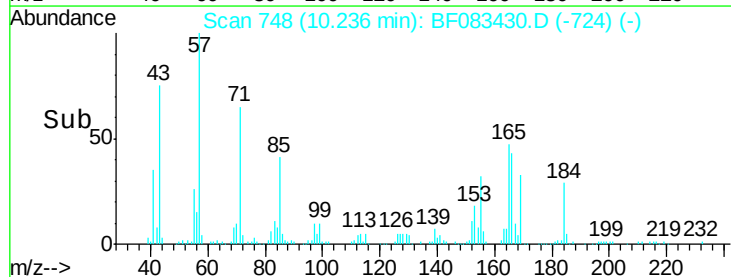
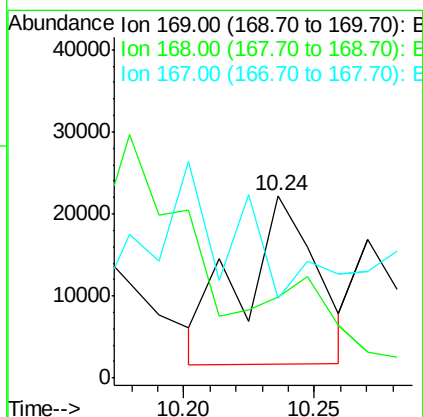
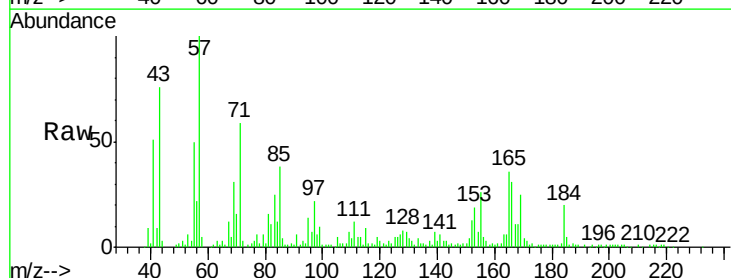
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

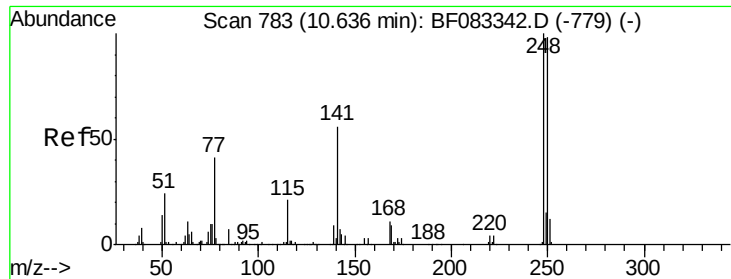
Tgt Ion:188 Resp: 499225
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 13.2 10.3 15.5



#65
n-Nitrosodiphenylamine
Concen: 2.30 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

Tgt Ion:169 Resp: 40427
Ion Ratio Lower Upper
169 100
168 44.2 54.8 82.2#
167 43.9 30.2 45.2

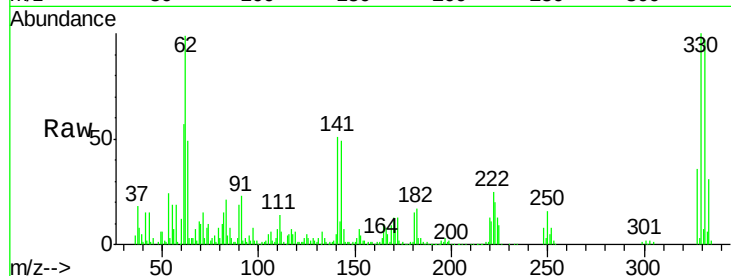




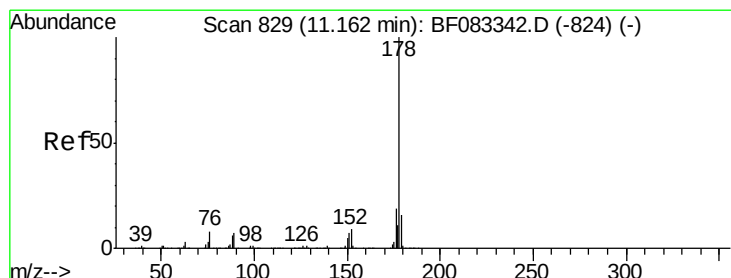
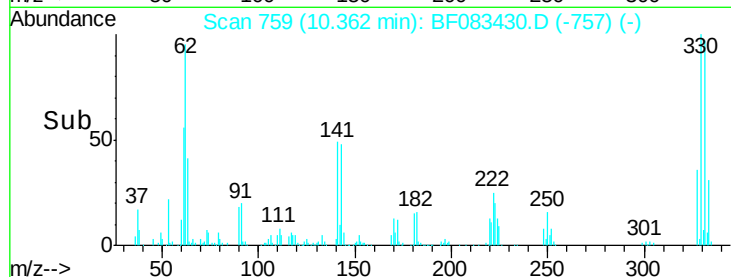
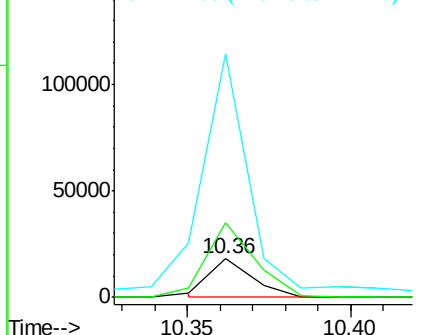
#66
 4-Bromophenyl-phenylether
 Concen: 3.01 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.27 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-16(4-11)

Tgt Ion:248 Resp: 16416
 Ion Ratio Lower Upper
 248 100
 250 192.8 78.6 118.0#
 141 632.4 44.4 66.6#

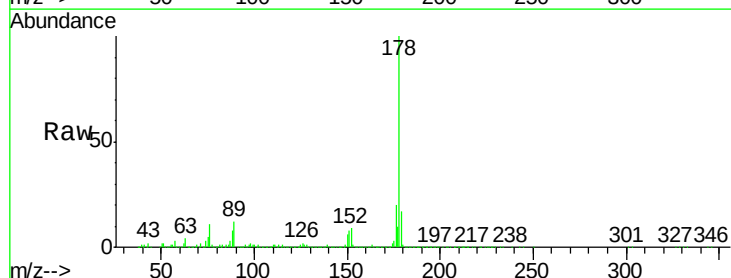


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

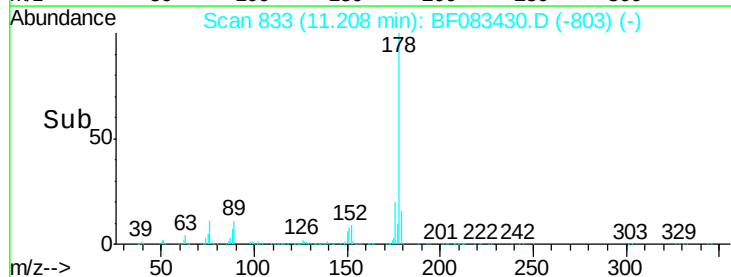
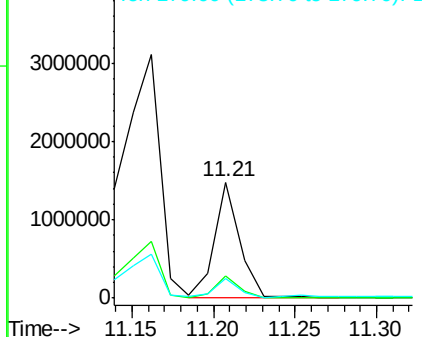


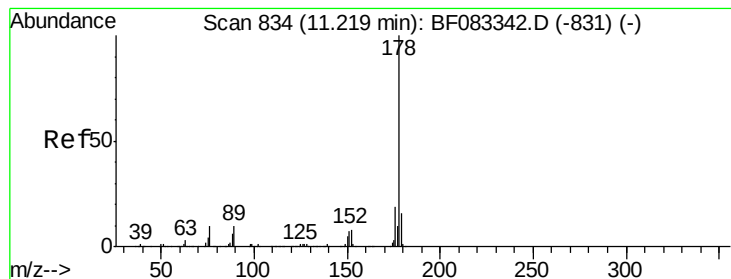
#70
 Phenanthrene
 Concen: 52.94 ng
 RT: 11.21 min Scan# 833
 Delta R.T. 0.05 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

Tgt Ion:178 Resp: 1564196
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 16.6 12.4 18.6



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





#71

Anthracene

Concen: 52.59 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)

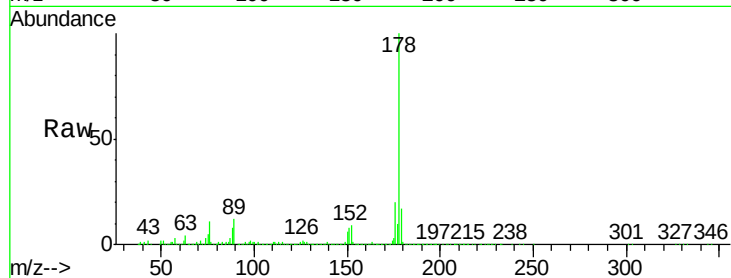
Tgt Ion:178 Resp: 1564196

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

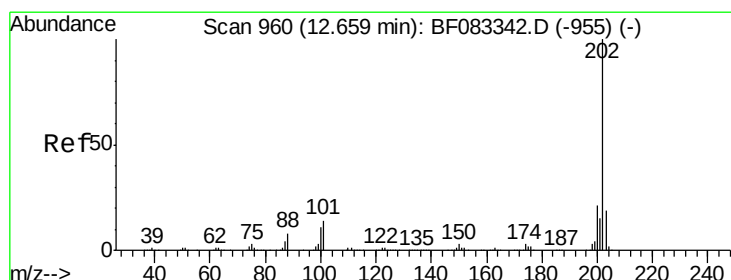
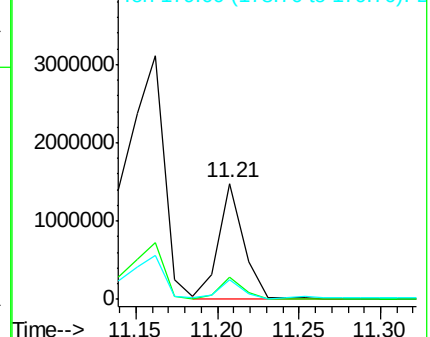
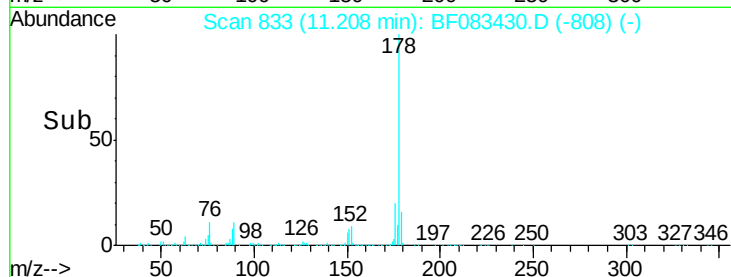
179 16.6 12.8 19.2



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



#74

Fluoranthene

Concen: 88.98 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

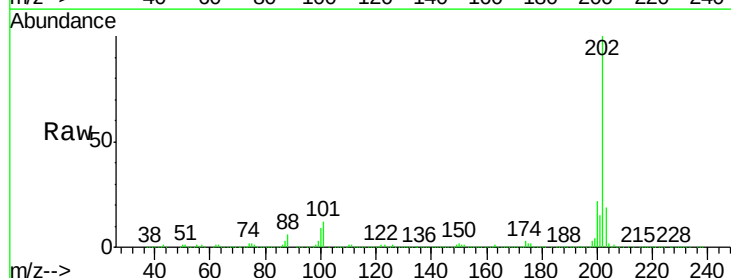
Tgt Ion:202 Resp: 2724914

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.5

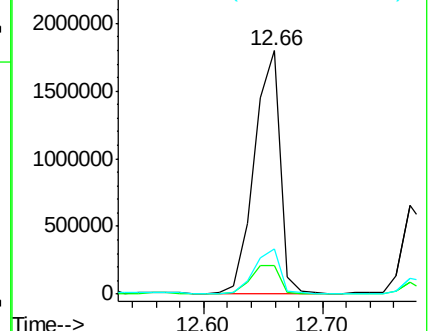
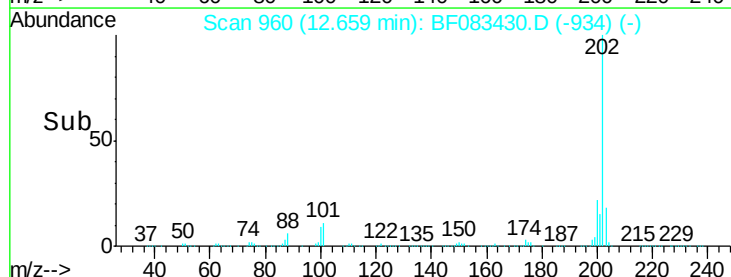
203 18.5 0.0 38.7

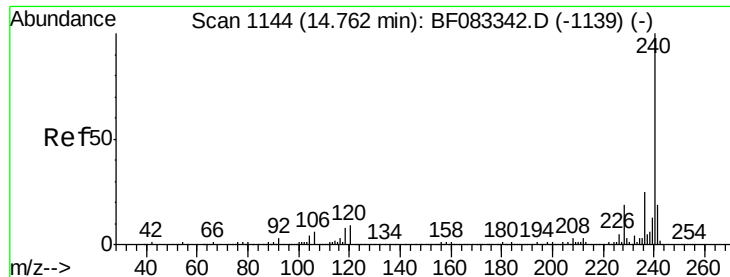


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.74 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)

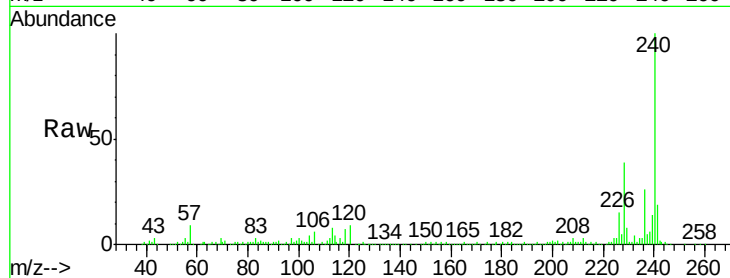
Tgt Ion:240 Resp: 377442

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

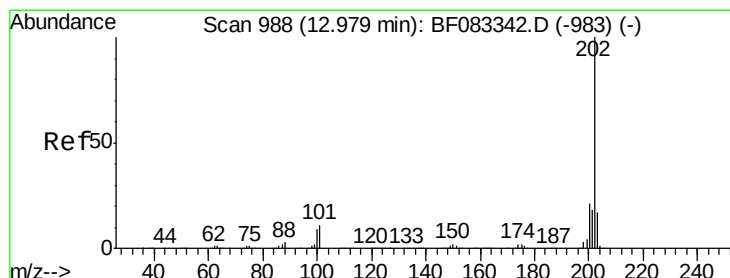
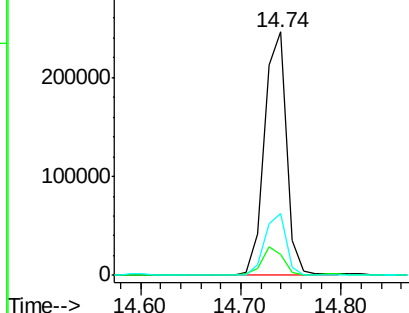
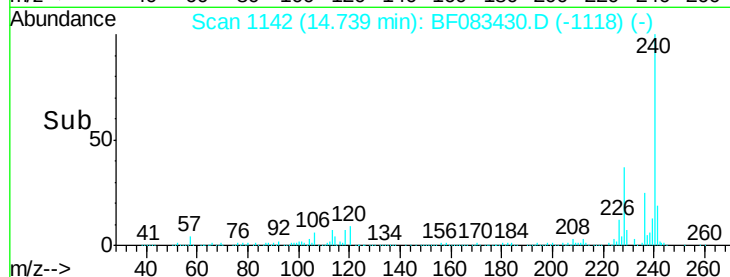
236 25.5 19.8 29.6



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

Pyrene

Concen: 132.34 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

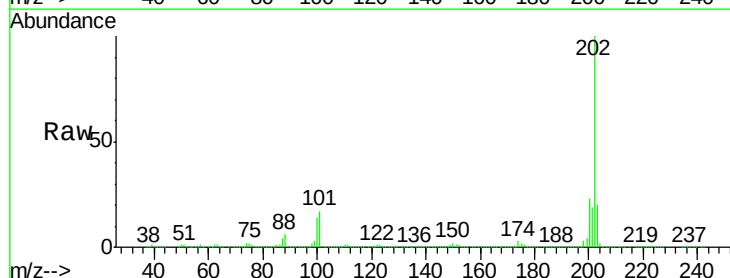
Tgt Ion:202 Resp: 3488342

Ion Ratio Lower Upper

202 100

200 23.0 16.9 25.3

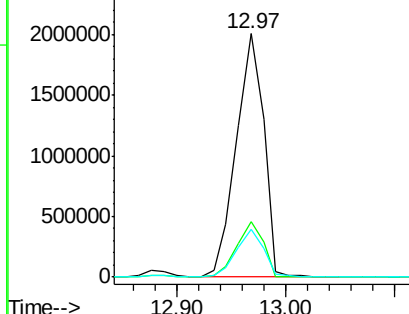
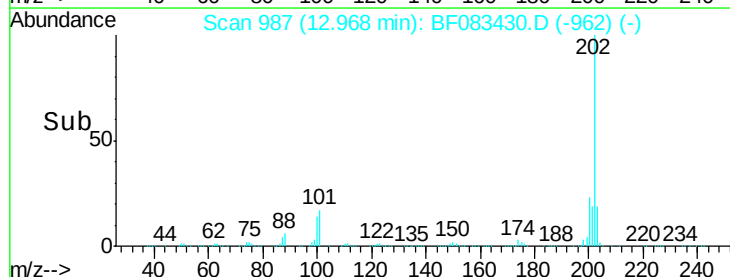
203 19.7 13.9 20.9

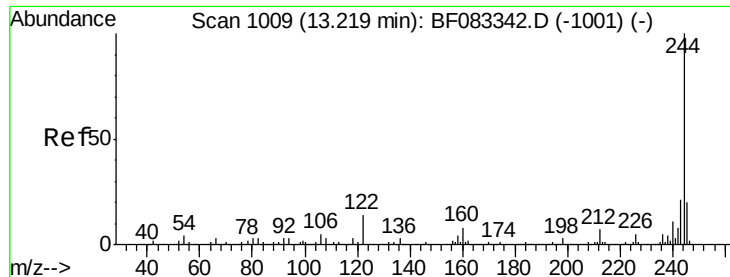


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

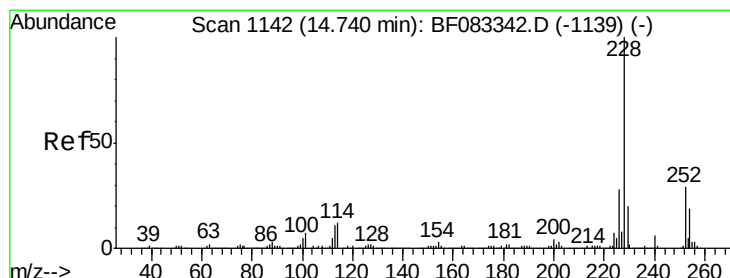
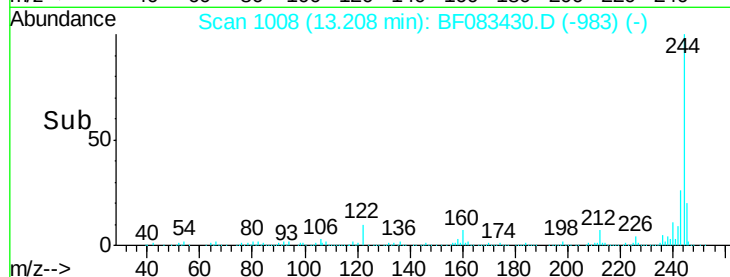
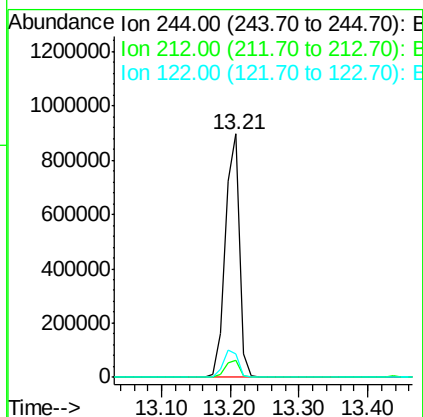
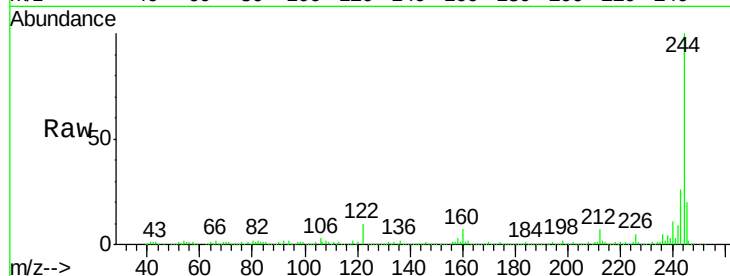




#78
 Terphenyl-d14
 Concen: 82.15 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

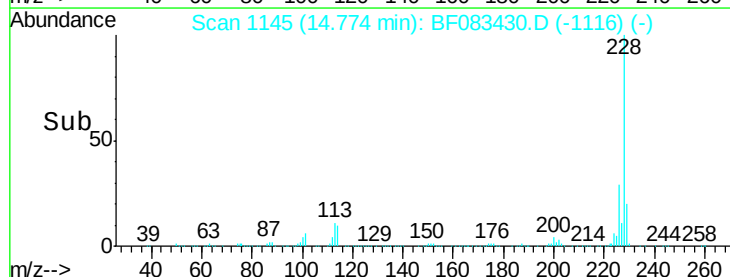
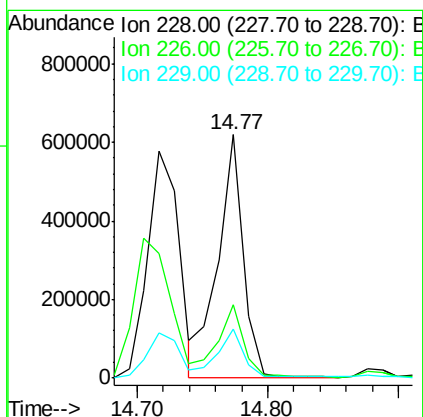
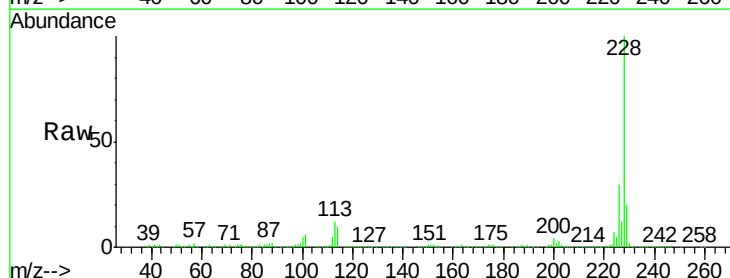
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-16(4-11)

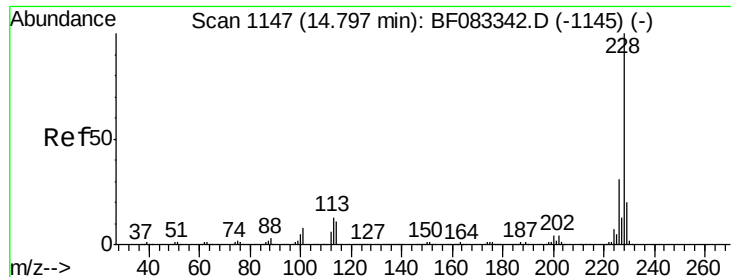
Tgt Ion:244 Resp: 1300134
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.8 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 36.47 ng
 RT: 14.77 min Scan# 1145
 Delta R.T. 0.03 min
 Lab File: BF083430.D
 Acq: 2 Dec 2015 21:19

Tgt Ion:228 Resp: 843439
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.2 33.4
 229 20.1 16.1 24.1





#82

Chrysene

Concen: 37.79 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)

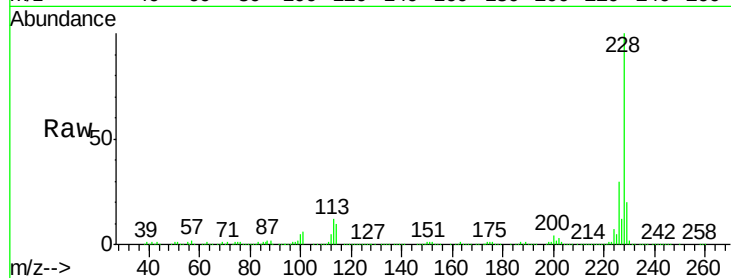
Tgt Ion:228 Resp: 844351

Ion Ratio Lower Upper

228 100

226 29.9 24.6 37.0

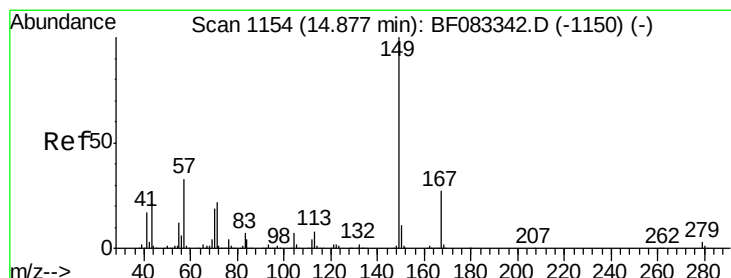
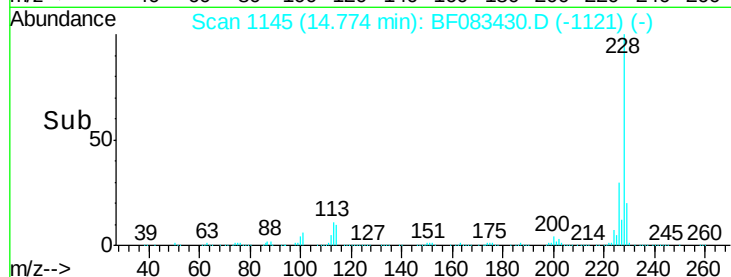
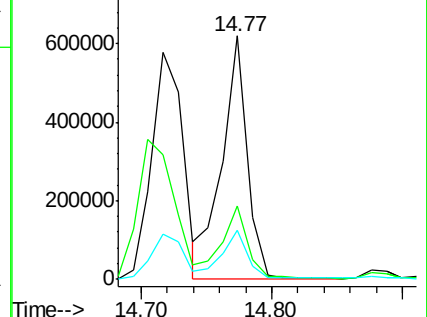
229 20.1 16.2 24.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.52 ng

RT: 14.84 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

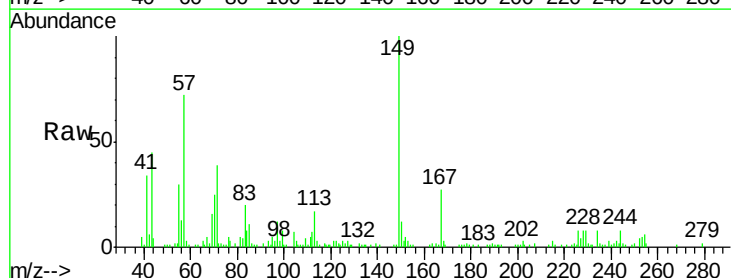
Tgt Ion:149 Resp: 67864

Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

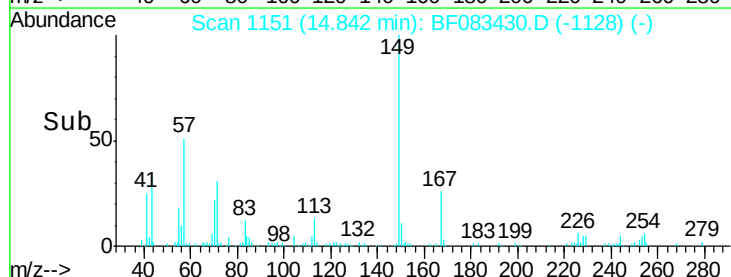
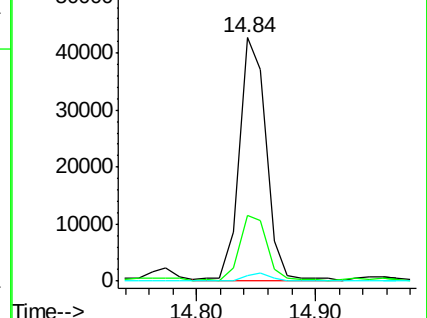
279 2.1 2.6 3.8#

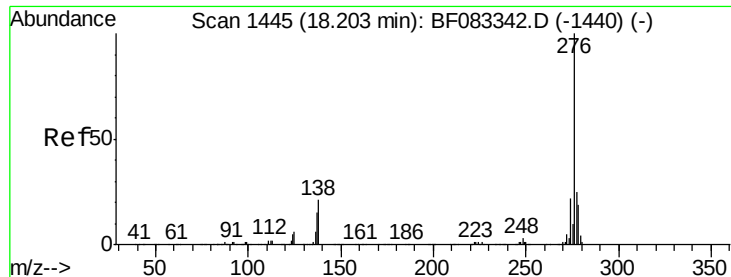


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.30 ng

RT: 18.03 min Scan# 1430

Delta R.T. -0.17 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)

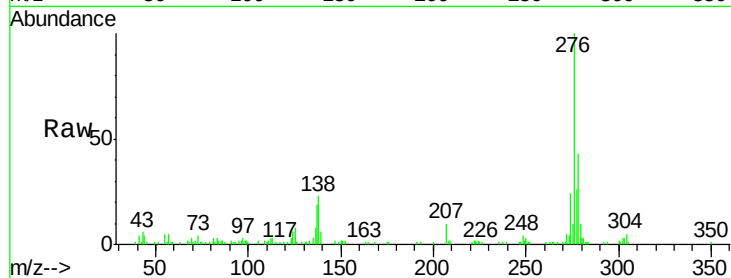
Tgt Ion:276 Resp: 102583

Ion Ratio Lower Upper

276 100

138 23.6 21.2 31.8

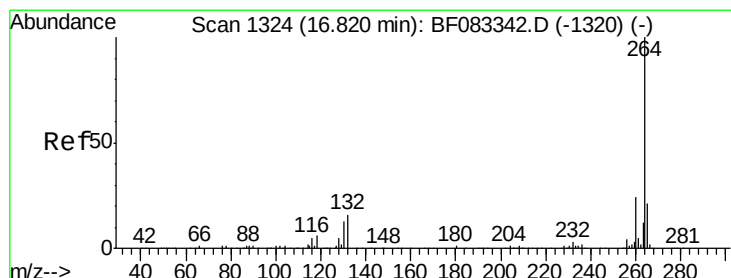
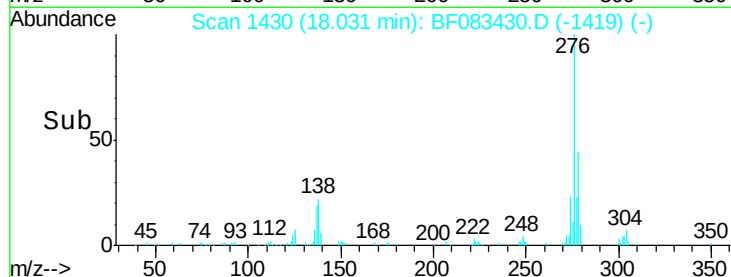
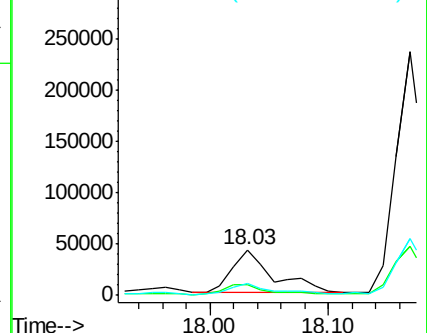
277 28.3 20.0 30.0



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

Perylene-d12

Concen: 20.00 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF083430.D

Acq: 2 Dec 2015 21:19

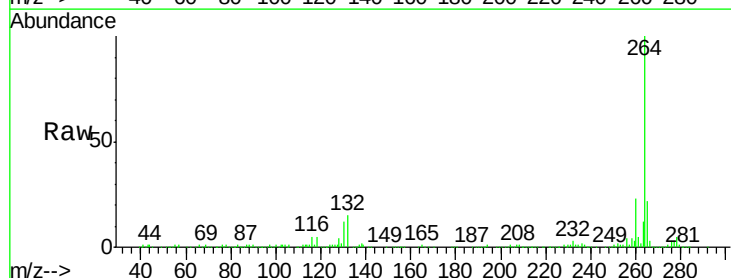
Tgt Ion:264 Resp: 345339

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

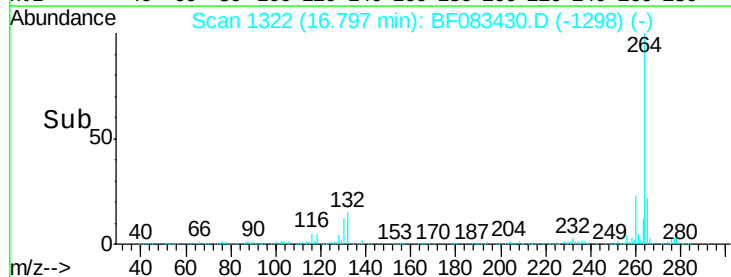
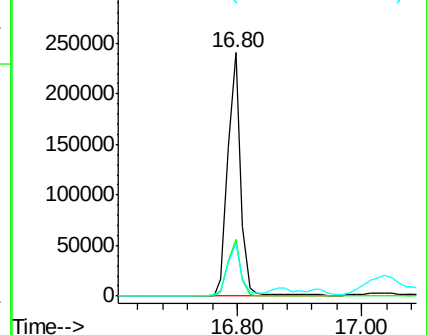
265 22.0 16.8 25.2

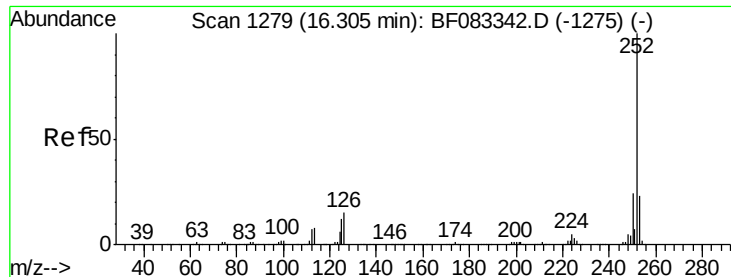


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

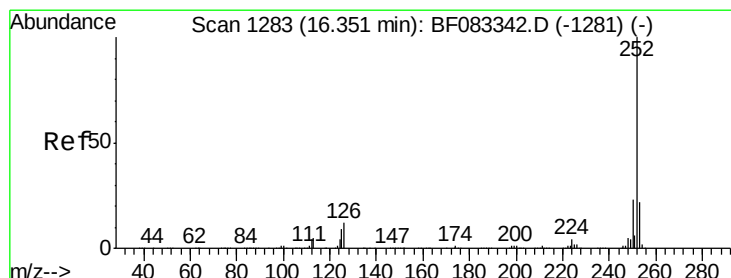
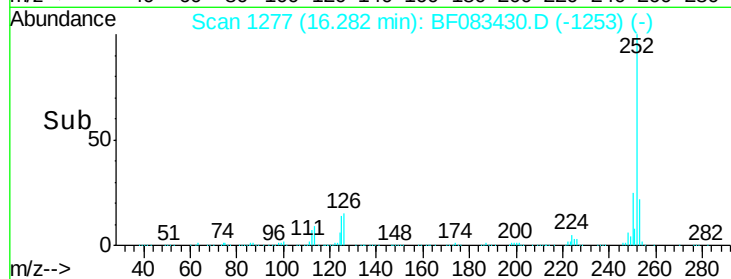
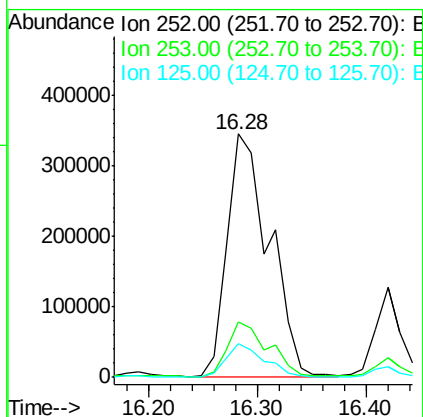
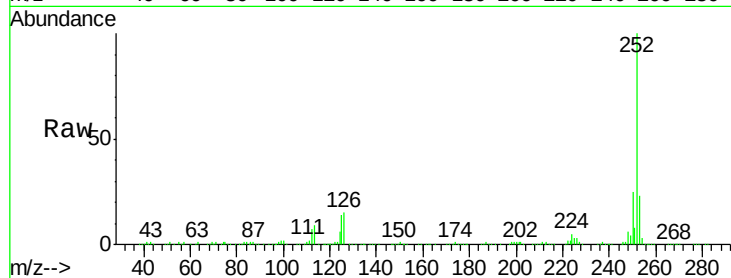




#87
Benzo(b)fluoranthene
Concen: 41.57 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

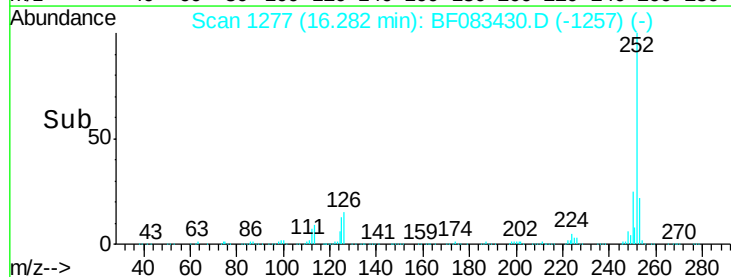
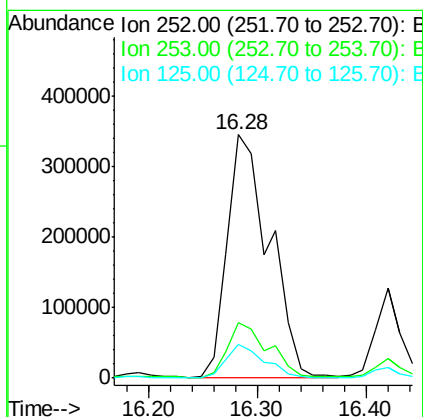
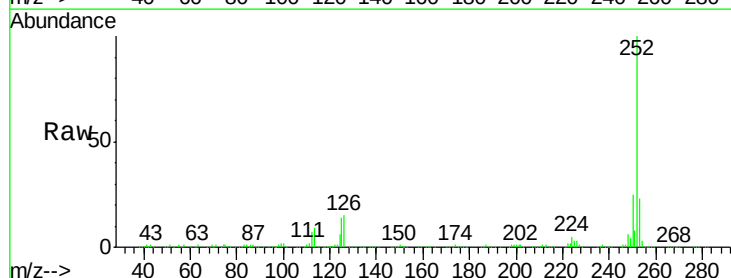
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

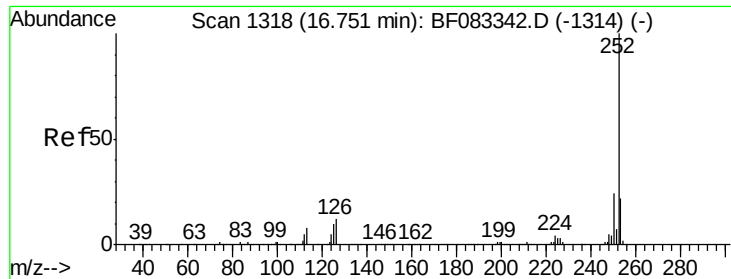
Tgt Ion:252 Resp: 921145
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 13.8 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 44.02 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.07 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

Tgt Ion:252 Resp: 921145
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 13.8 7.5 11.3#

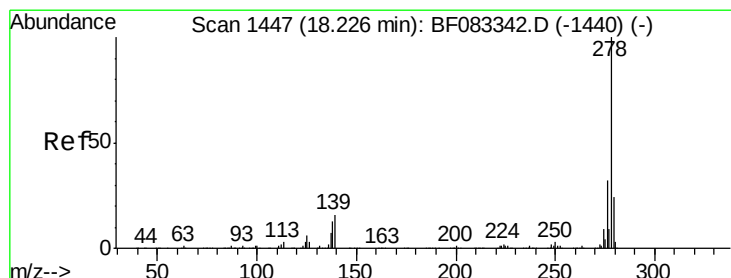
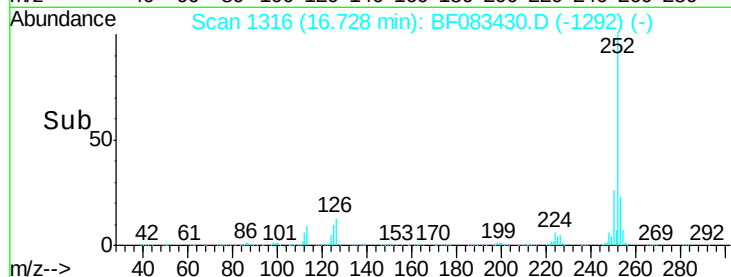
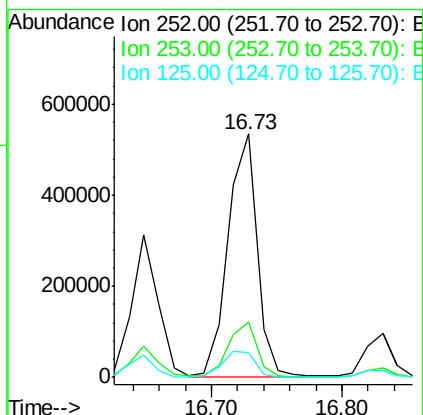
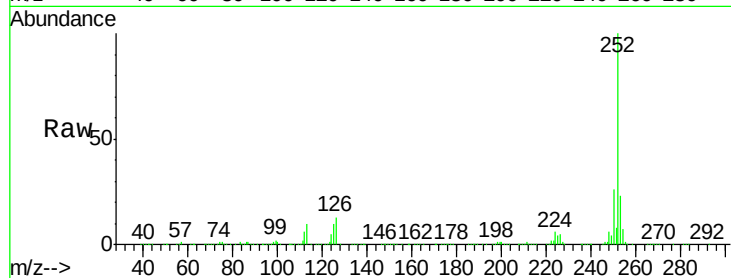




#89
Benzo(a)pyrene
Concen: 43.59 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

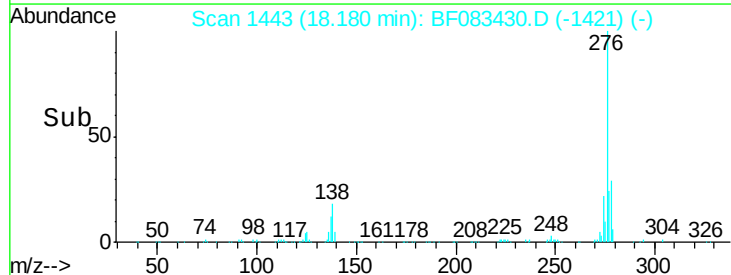
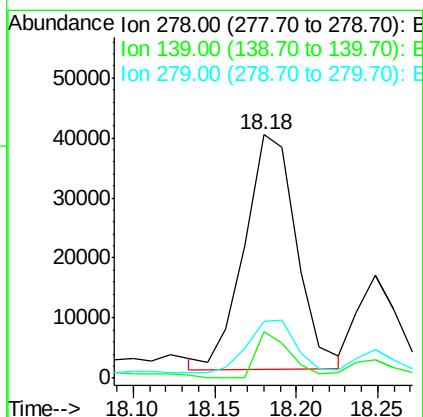
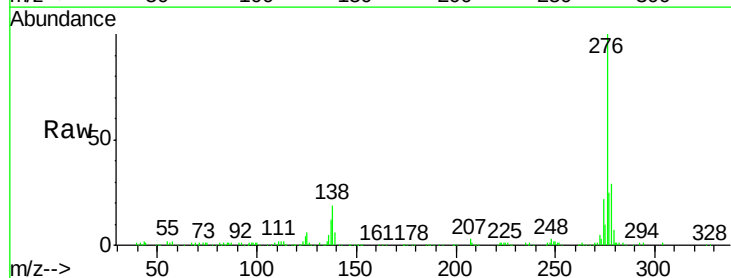
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

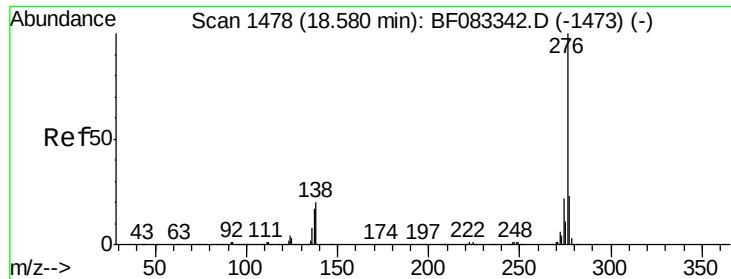
Tgt Ion:252 Resp: 829556
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.3 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 5.22 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.05 min
Lab File: BF083430.D
Acq: 2 Dec 2015 21:19

Tgt Ion:278 Resp: 86511
Ion Ratio Lower Upper
278 100
139 19.3 13.1 19.7
279 23.6 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 27.57 ng

RT: 18.55 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF083430.D

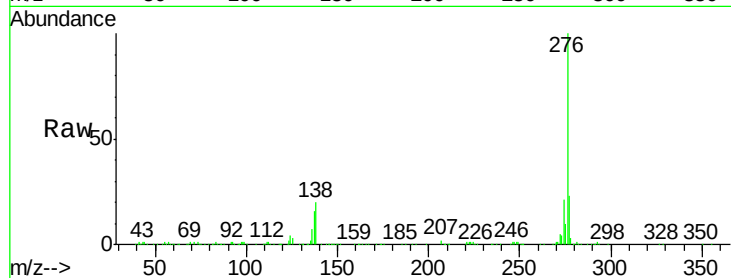
Acq: 2 Dec 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-16(4-11)



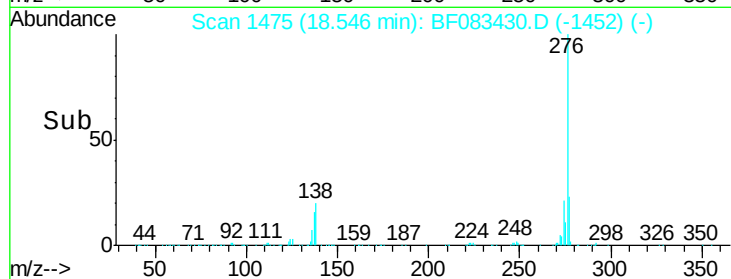
Tgt Ion: 276 Resp: 448666

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 19.8 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

