

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091860.D
 Acq On : 22 Dec 2016 3:29
 Operator : UM/SJ
 Sample : H6156-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

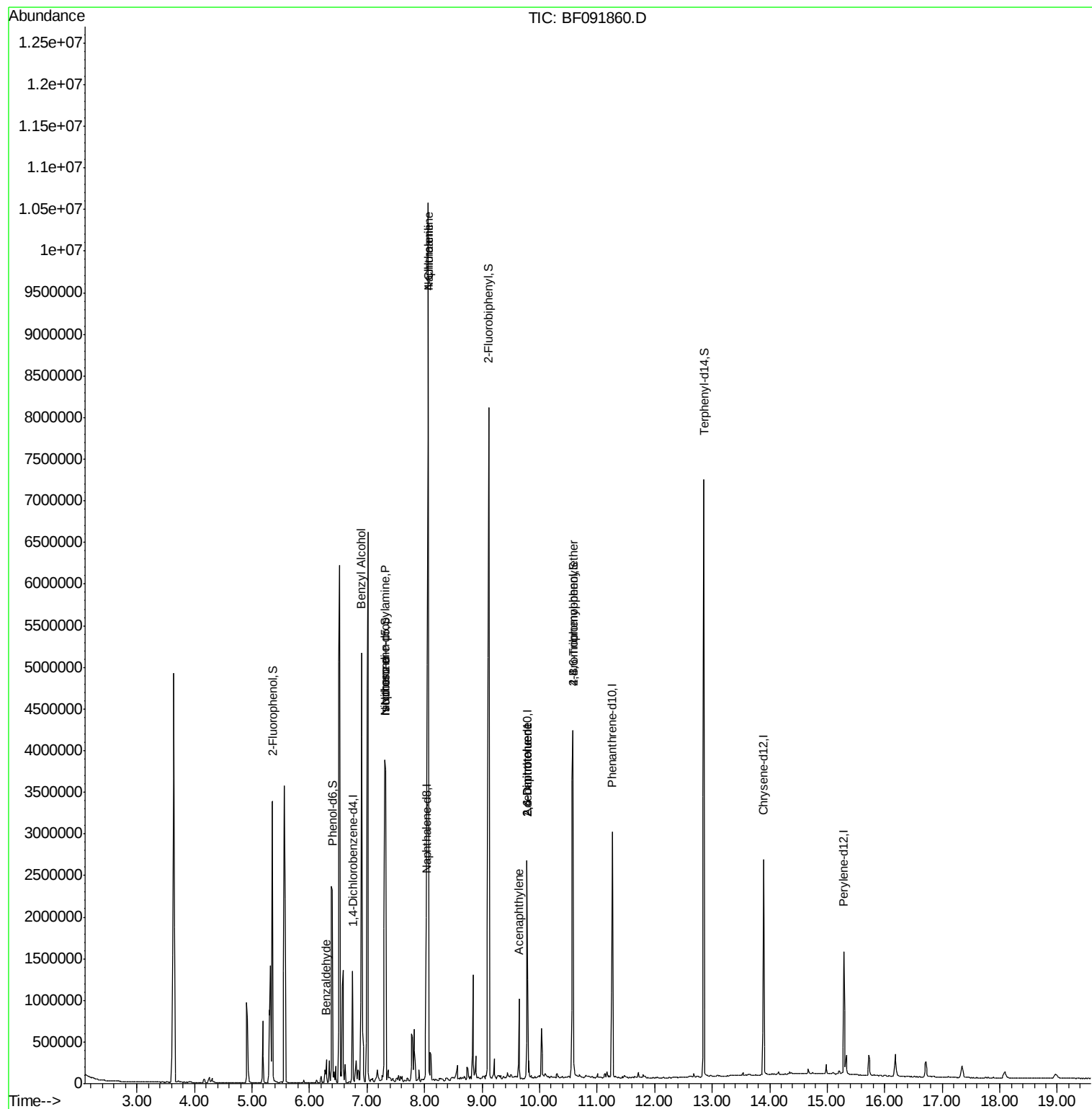
Quant Time: Dec 22 04:03:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	316503	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1192589	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	678314	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1142706	20.00	ng	0.00
75) Chrysene-d12	13.89	240	854236	20.00	ng	-0.01
86) Perylene-d12	15.29	264	665592	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1467973	77.44	ng	0.01
7) Phenol-d6	6.40	99	1266510	54.73	ng	-0.01
23) Nitrobenzene-d5	7.31	82	2338614	109.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	790302	140.78	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3410965	106.26	ng	0.00
78) Terphenyl-d14	12.85	244	2562930	72.76	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.29	77	54452	2.93	ng	# 31
15) Benzyl Alcohol	6.90	79	40055	2.23	ng	# 46
19) n-Nitroso-di-n-propylamine	7.31	70	310349	20.16	ng	# 75
25) Isophorone	7.31	82	1857492	46.94	ng	# 65
31) Naphthalene	8.06	128	7028473	128.77	ng	# 95
33) 4-Chloroaniline	8.06	127	1044679	42.45	ng	# 33
48) Acenaphthylene	9.64	152	392026	6.93	ng	# 98
50) 2,6-Dinitrotoluene	9.78	165	90016	9.48	ng	# 31
56) 2,4-Dinitrotoluene	9.78	165	90393	7.58	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	50524	4.25	ng	# 1
71) Anthracene	11.33	178	3661	Below Cal		# 74
73) Di-n-butylphthalate	11.84	149	7490	Below Cal		# 95
74) Fluoranthene	12.47	202	2016	Below Cal		# 67

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
Data File : BF091860.D
Acq On : 22 Dec 2016 3:29
Operator : UM/SJ
Sample : H6156-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 22 04:03:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

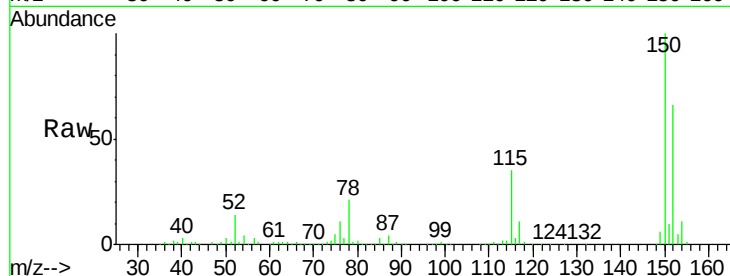
Tgt Ion:152 Resp: 316503

Ion Ratio Lower Upper

152 100

150 151.1 124.9 187.3

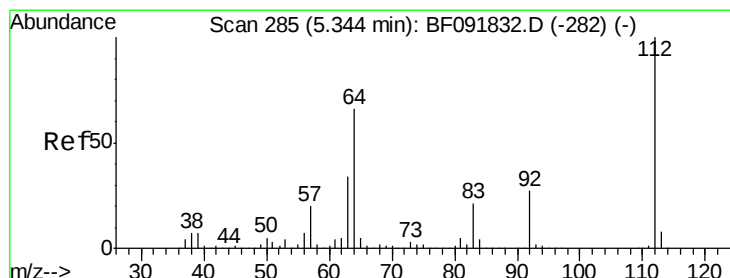
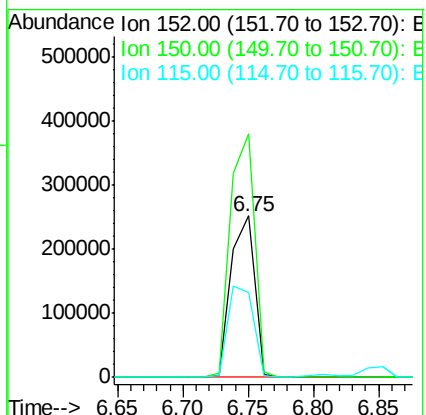
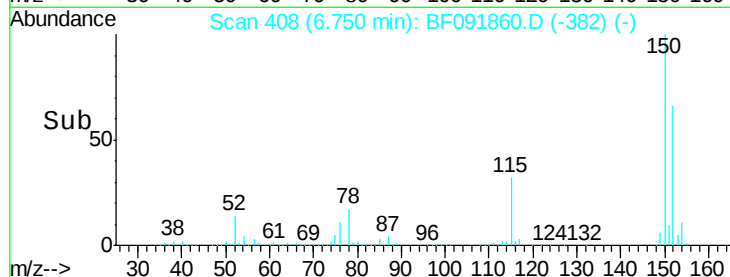
115 52.4 46.0 69.0



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: 77.44 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

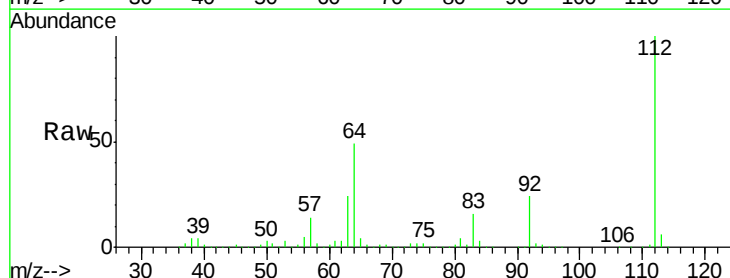
Tgt Ion:112 Resp: 1467973

Ion Ratio Lower Upper

112 100

64 49.2 46.1 69.1

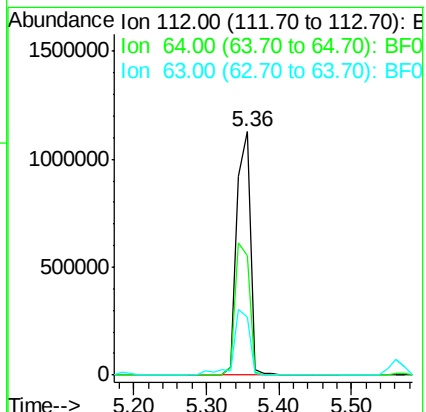
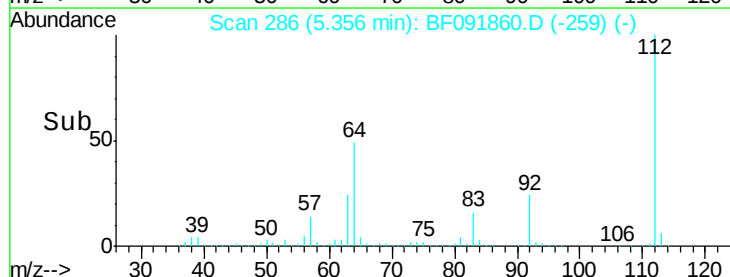
63 24.0 23.8 35.6

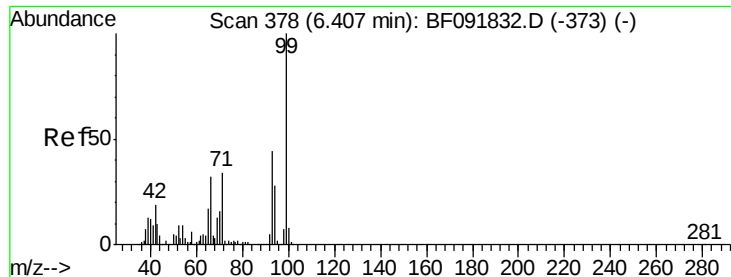


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 54.73 ng

RT: 6.40 min Scan# 377

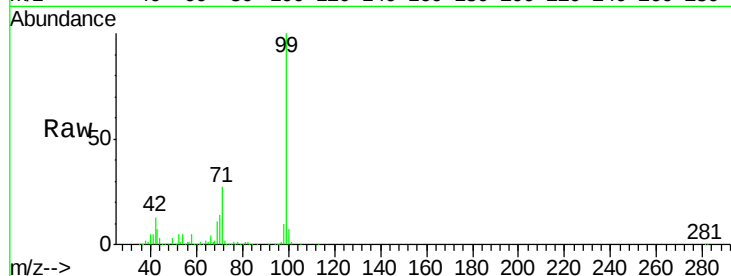
Delta R.T. -0.01 min

Lab File: BF091860.D

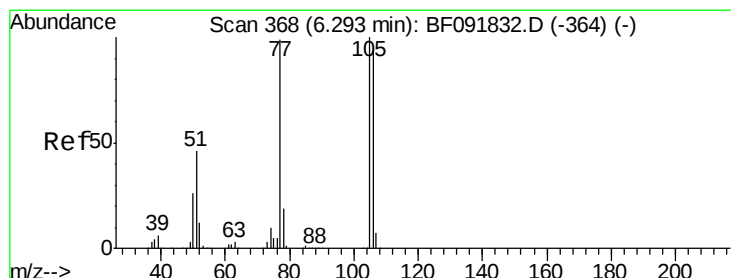
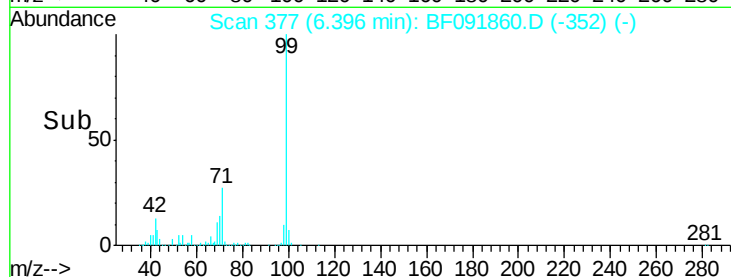
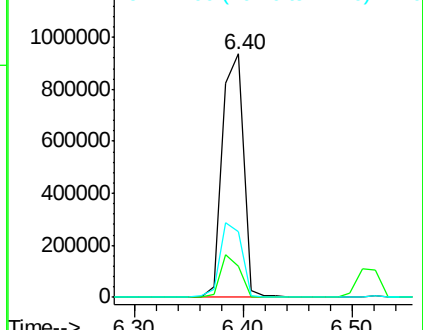
Acq: 22 Dec 2016 3:29

Tgt Ion: 99 Resp: 1266510

Ion	Ratio	Lower	Upper
99	100		
42	13.0	15.6	23.4#
71	26.8	27.5	41.3#



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



#9

Benzaldehyde

Concen: 2.93 ng

RT: 6.29 min Scan# 368

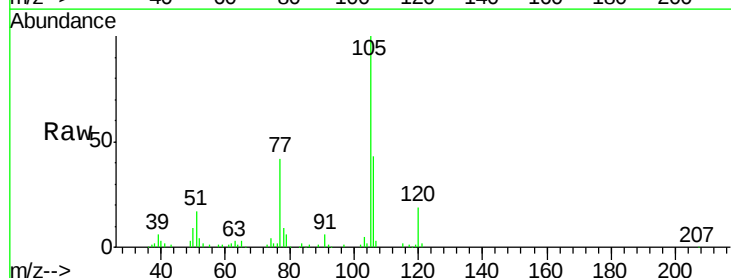
Delta R.T. -0.00 min

Lab File: BF091860.D

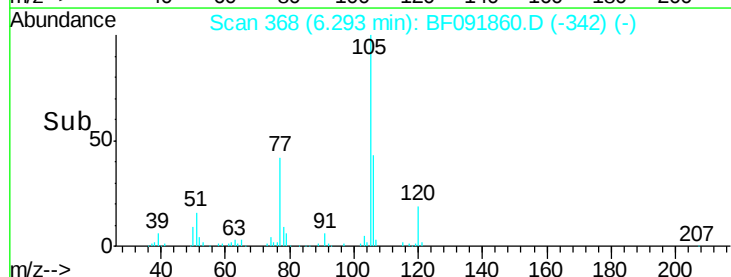
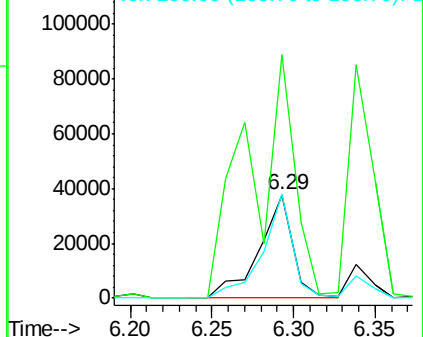
Acq: 22 Dec 2016 3:29

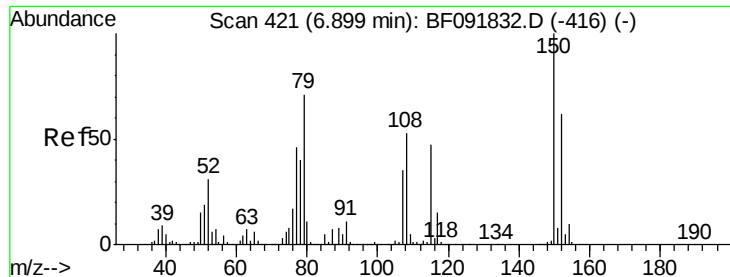
Tgt Ion: 77 Resp: 54452

Ion	Ratio	Lower	Upper
77	100		
105	236.7	83.9	123.9#
106	100.9	77.6	117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.23 ng

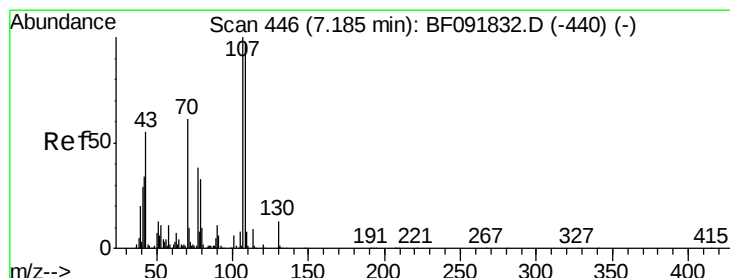
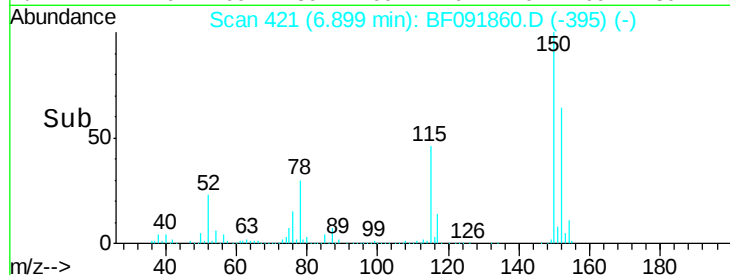
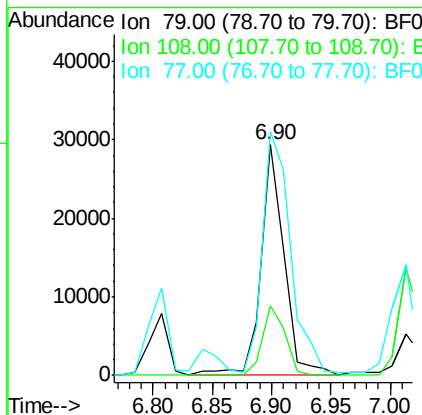
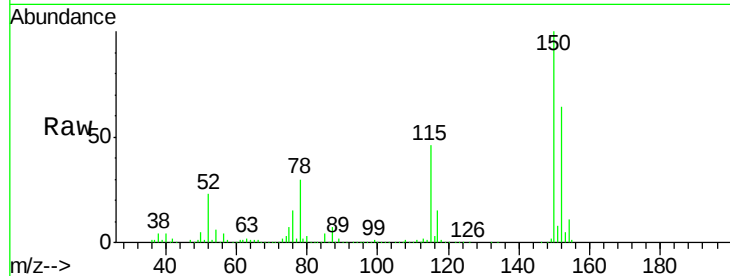
RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

Tgt Ion:	79	Resp:	40055
Ion	Ratio	Lower	Upper
79	100		
108	30.3	61.4	92.0#
77	105.7	50.9	76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 20.16 ng

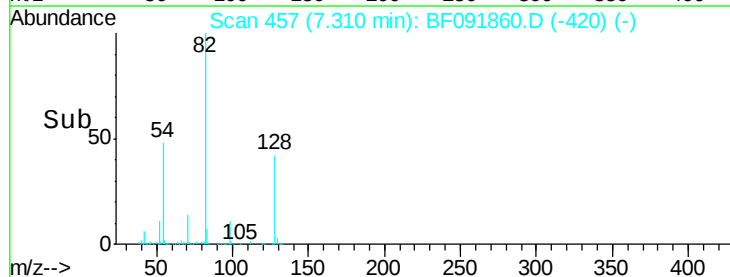
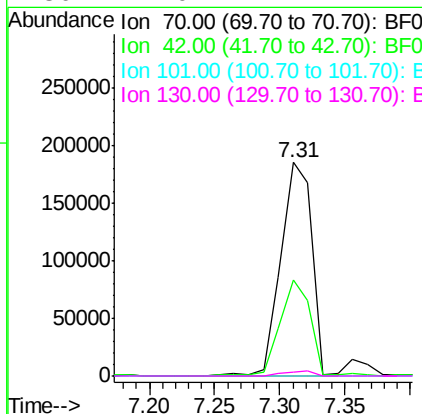
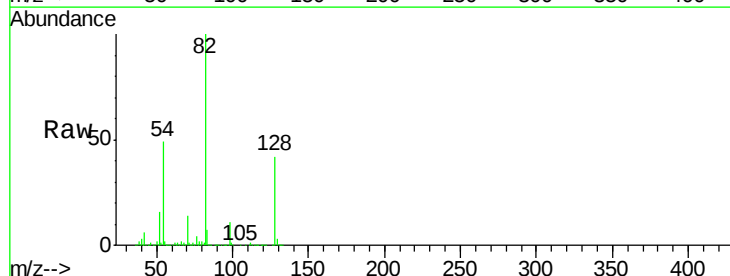
RT: 7.31 min Scan# 457

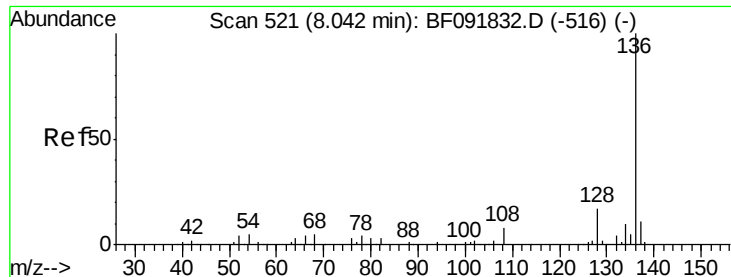
Delta R.T. 0.13 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

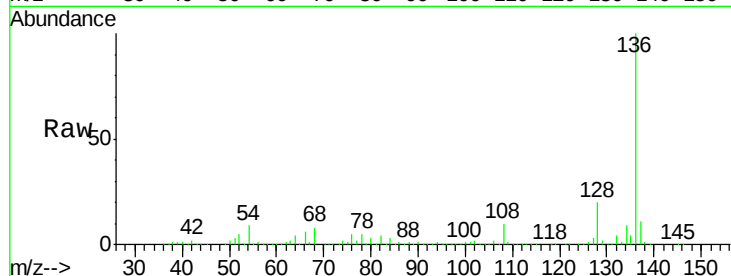
Tgt Ion:	70	Resp:	310349
Ion	Ratio	Lower	Upper
70	100		
42	45.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



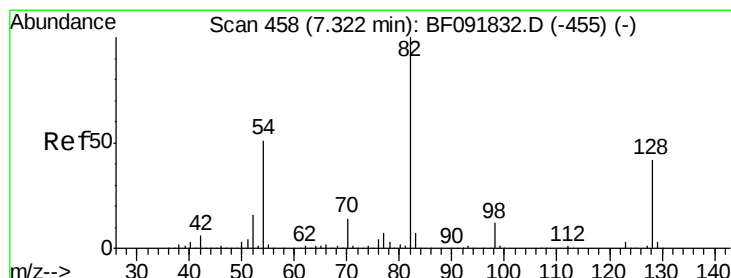
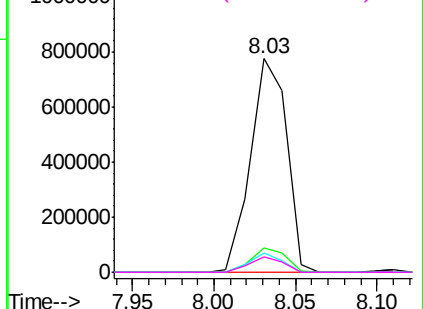
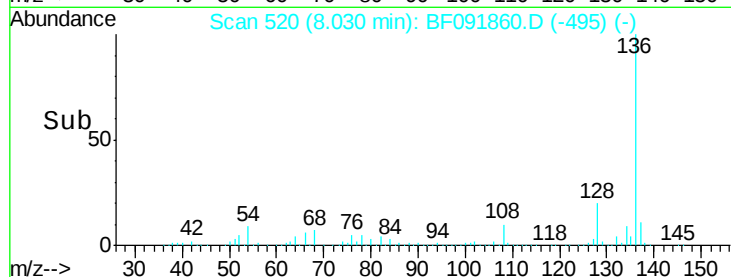


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:	136	Resp:	1192589
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.0	4.5	6.7#
68	7.5	3.6	5.4#

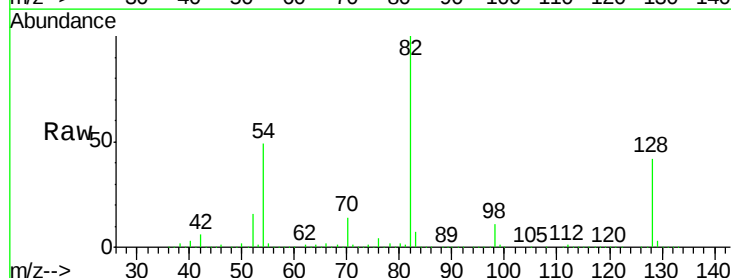


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

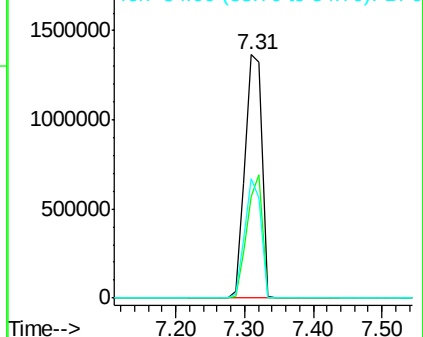
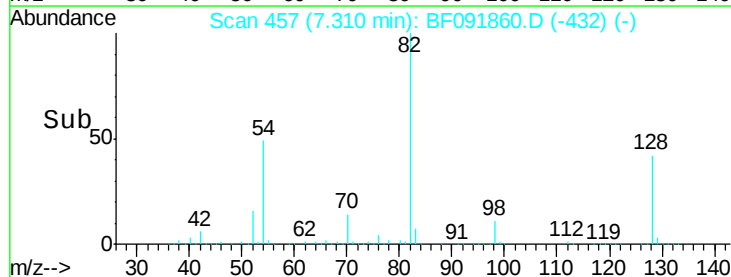


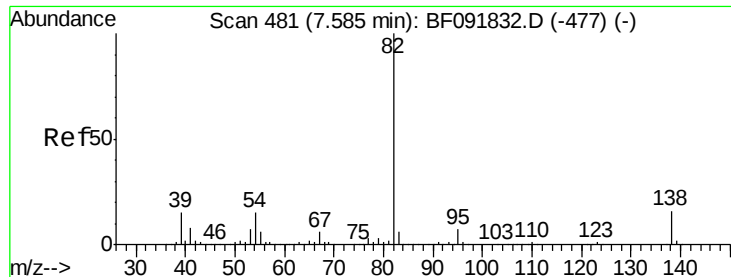
#23
Nitrobenzene-d5
Concen: 109.04 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:	82	Resp:	2338614
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	49.2	39.5	59.3



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





#25

Isophorone

Concen: 46.94 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.27 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

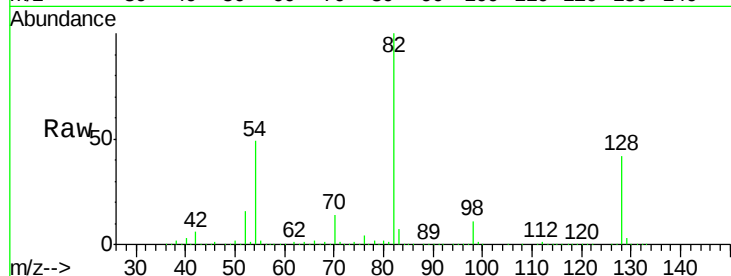
Tgt Ion: 82 Resp: 1857492

Ion Ratio Lower Upper

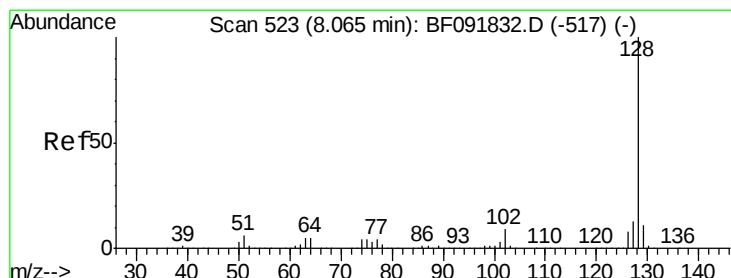
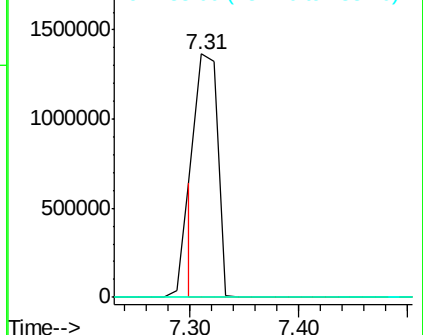
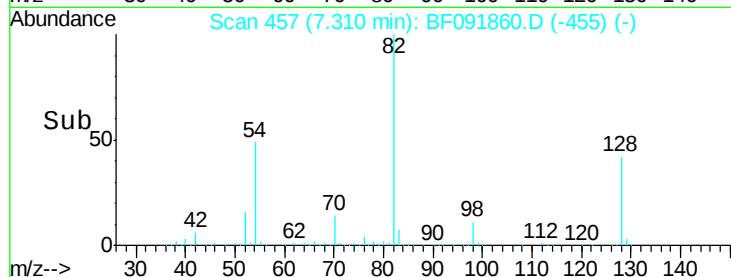
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 128.77 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

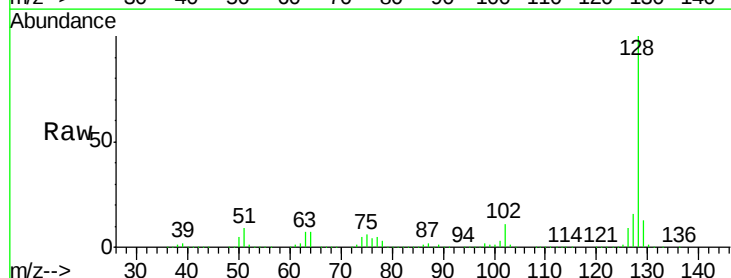
Tgt Ion: 128 Resp: 7028473

Ion Ratio Lower Upper

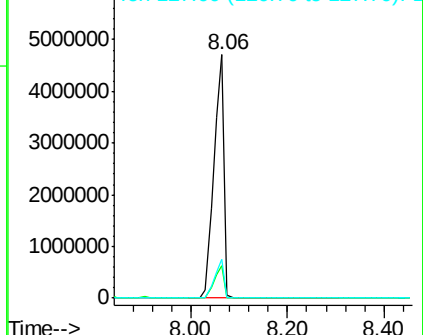
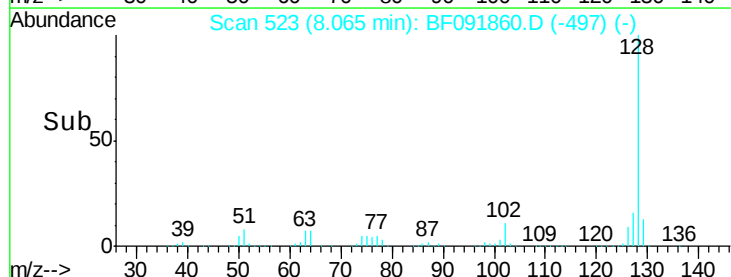
128 100

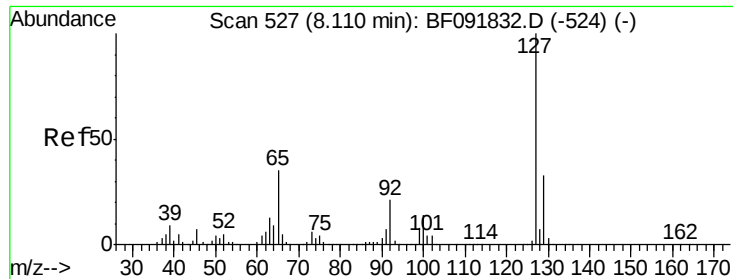
129 13.3 9.5 14.3

127 15.8 10.8 16.2



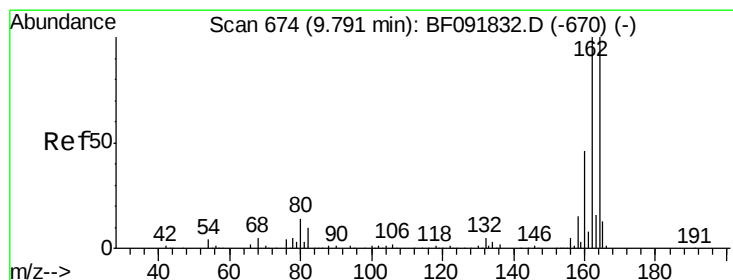
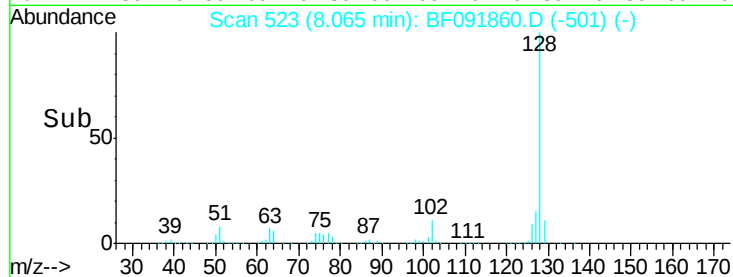
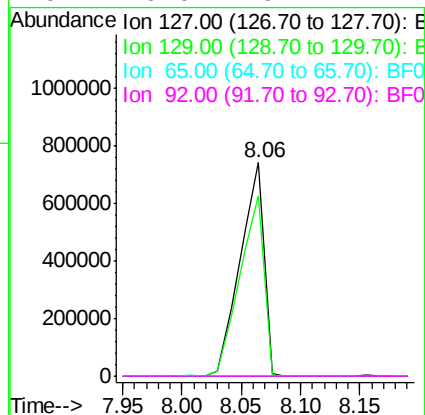
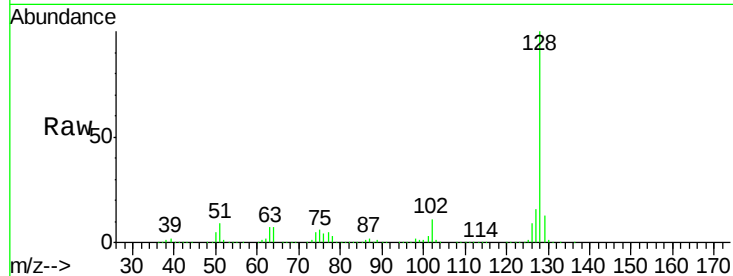
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





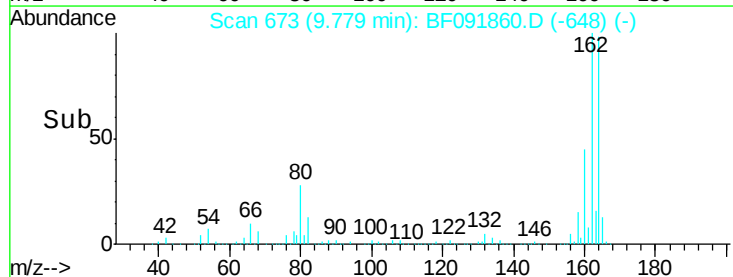
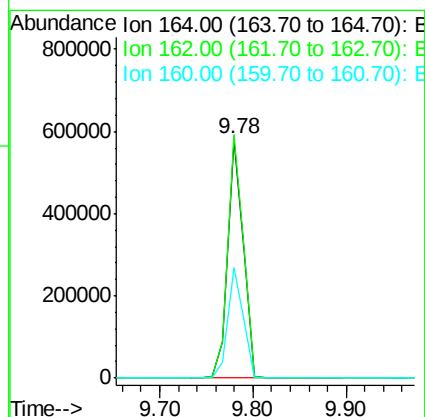
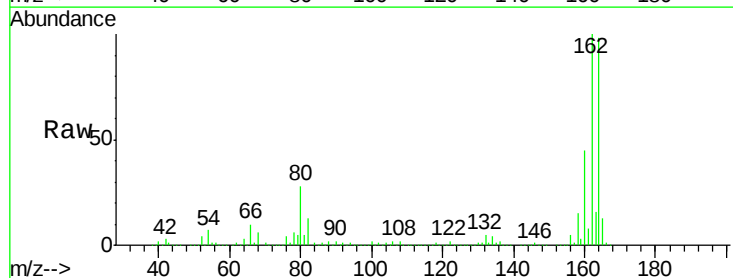
#33
4-Chloroaniline
Concen: 42.45 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

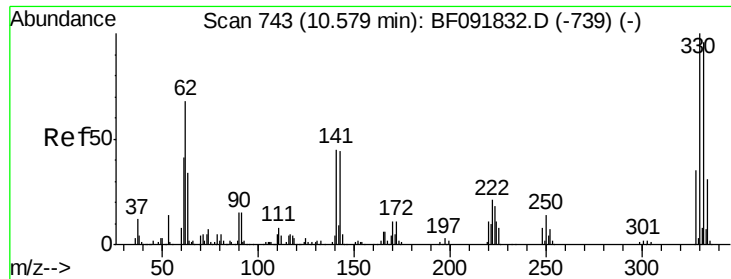
Tgt Ion:	127	Resp:	1044679
Ion	Ratio	Lower	Upper
127	100		
129	84.2	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

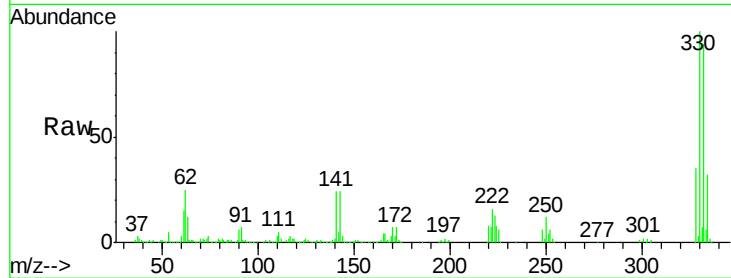
Tgt Ion:	164	Resp:	678314
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	46.1	36.9	55.3



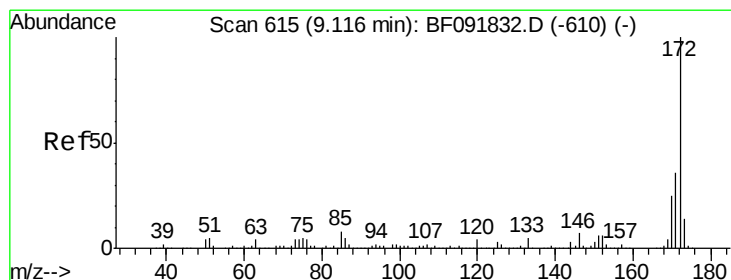
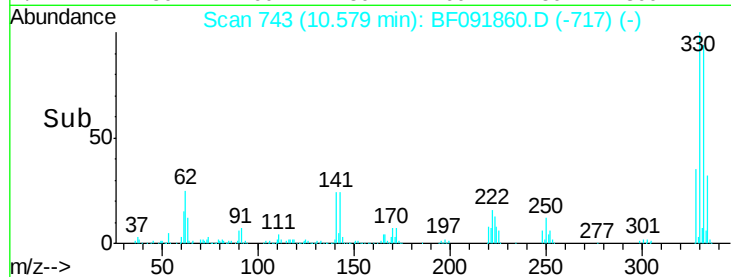
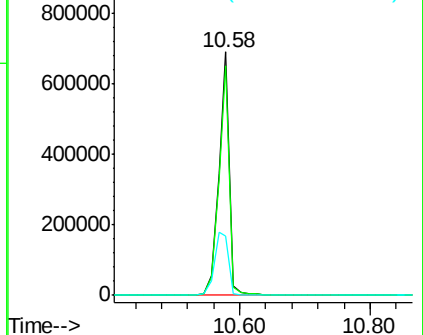


#41
 2,4,6-Tribromophenol
 Concen: 140.78 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091860.D
 Acq: 22 Dec 2016 3:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	35.4	34.1	51.1

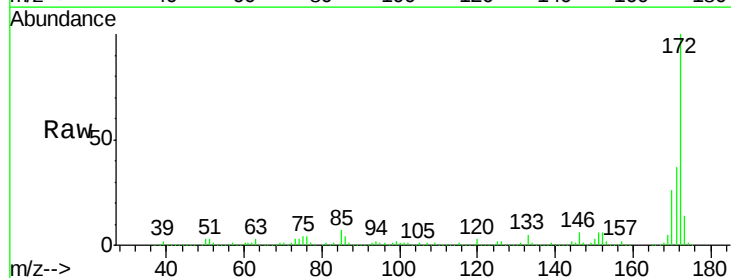


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

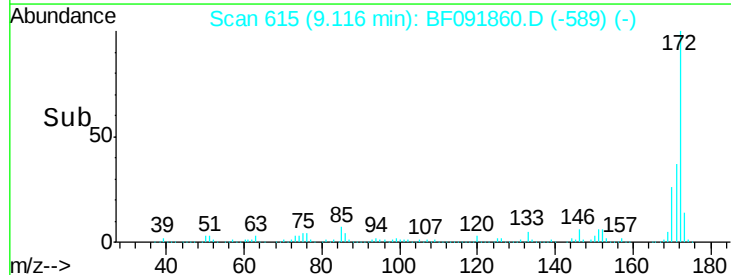
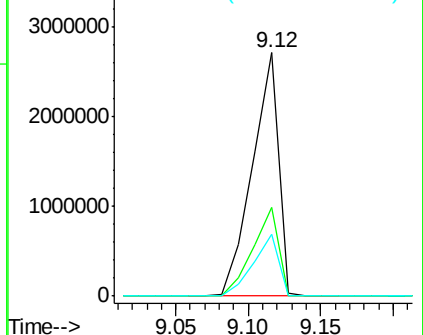


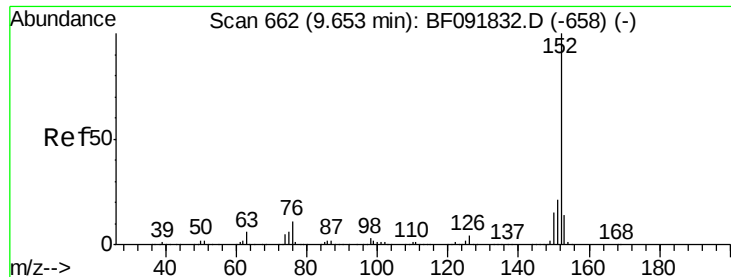
#44
 2-Fluorobiphenyl
 Concen: 106.26 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091860.D
 Acq: 22 Dec 2016 3:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.5	20.2	30.4



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





#48

Acenaphthylene

Concen: 6.93 ng

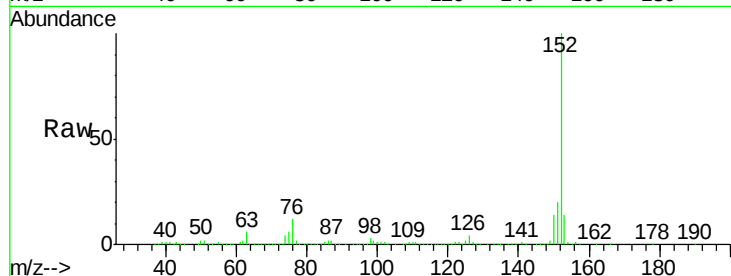
RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

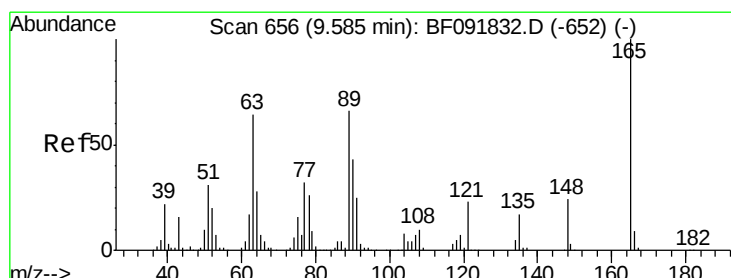
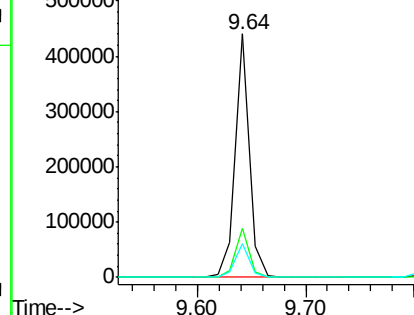
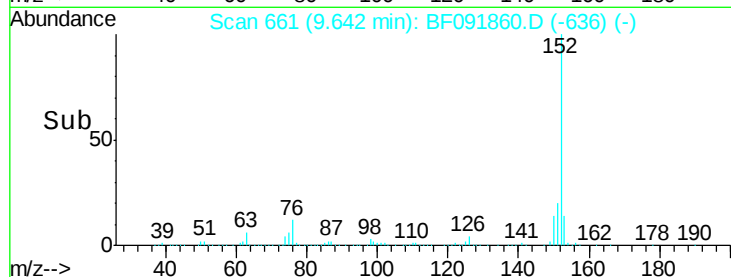
Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

Tgt Ion:	152	Resp:	392026
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	13.6	11.4	17.2



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



#50

2,6-Dinitrotoluene

Concen: 9.48 ng

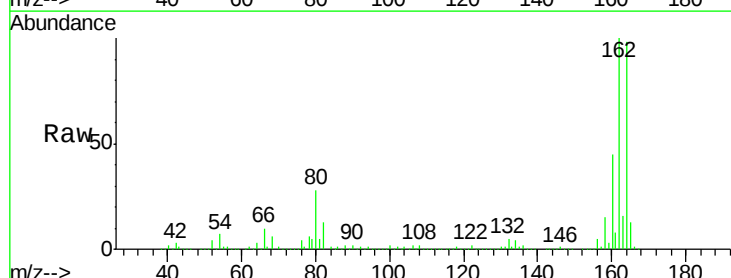
RT: 9.78 min Scan# 673

Delta R.T. 0.19 min

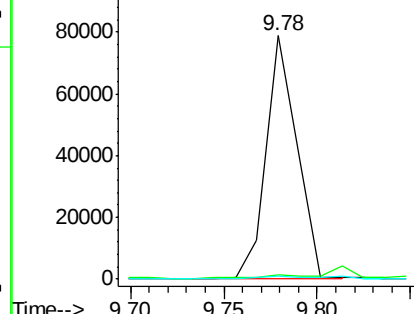
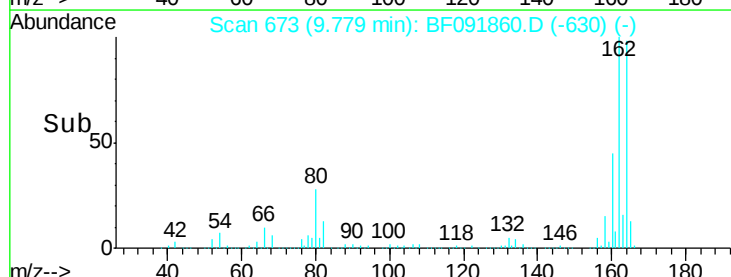
Lab File: BF091860.D

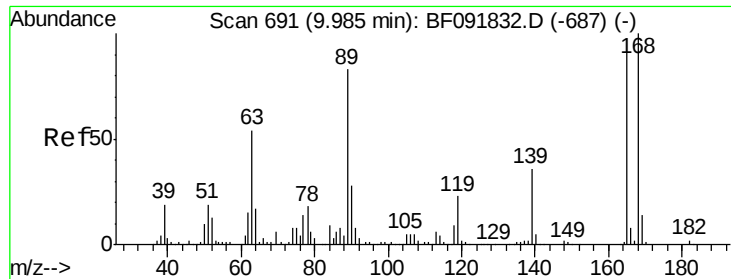
Acq: 22 Dec 2016 3:29

Tgt Ion:	165	Resp:	90016
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.4	40.2	60.4#



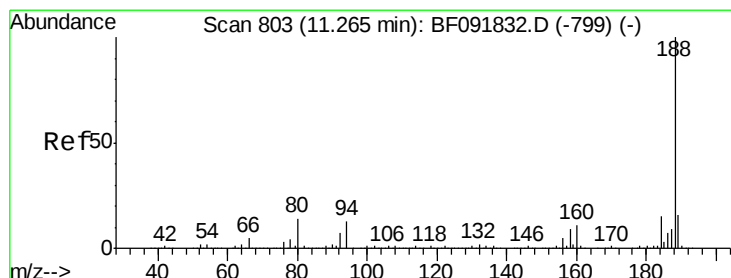
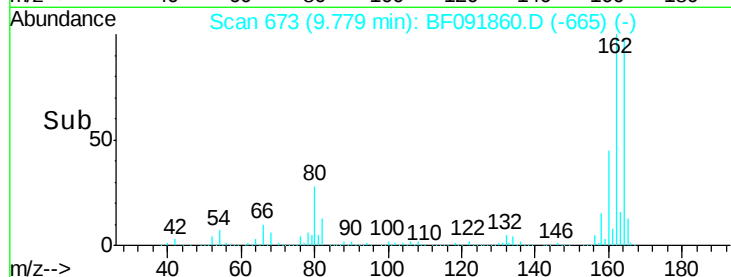
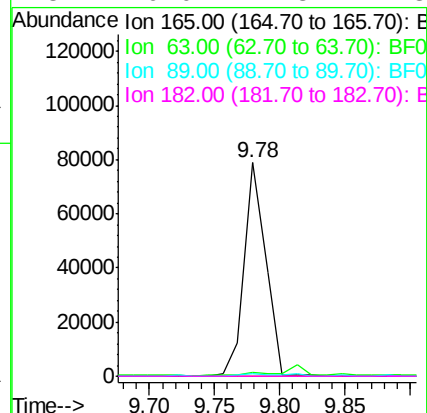
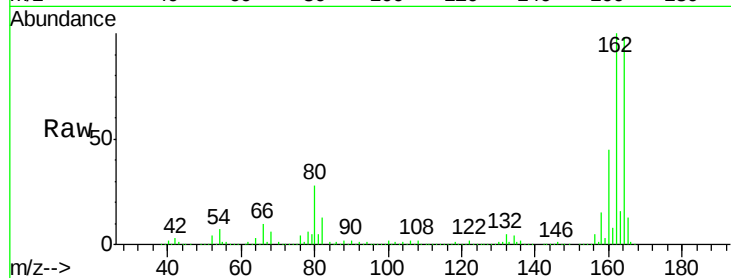
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





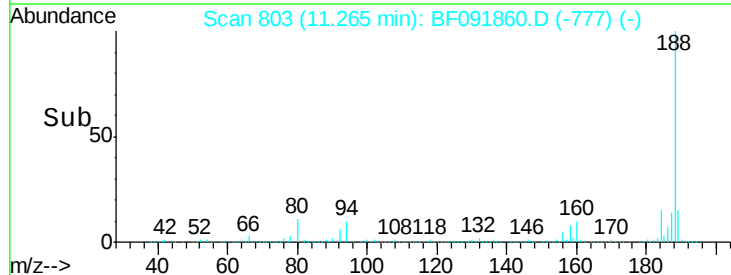
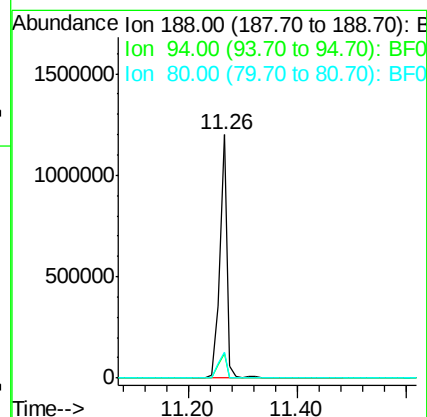
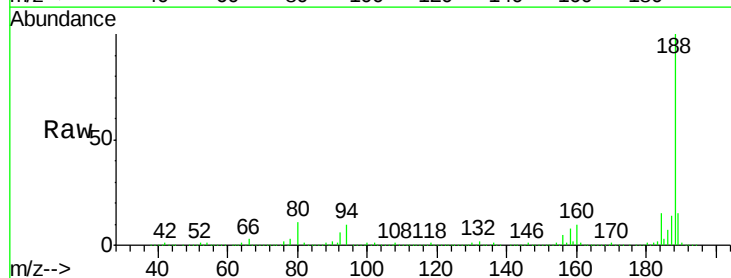
#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

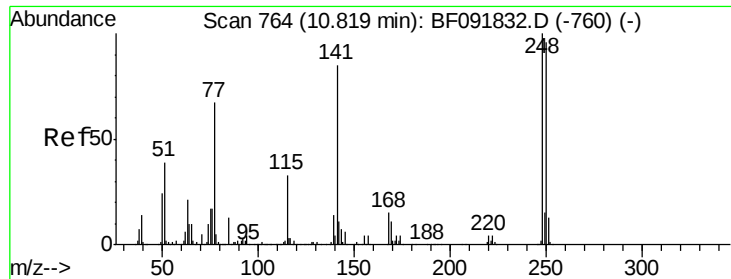
Tgt Ion:	165	Resp:	90393
Ion Ratio	Lower	Upper	
165	100		
63	1.5	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:	188	Resp:	1142706
Ion Ratio	Lower	Upper	
188	100		
94	10.3	10.0	15.0
80	10.6	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 4.25 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.24 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

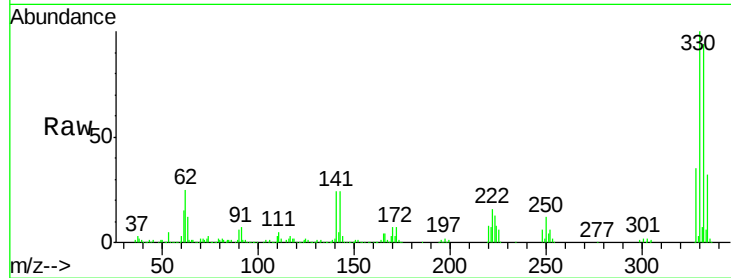
Tgt Ion:248 Resp: 50524

Ion Ratio Lower Upper

248 100

250 201.1 76.9 115.3#

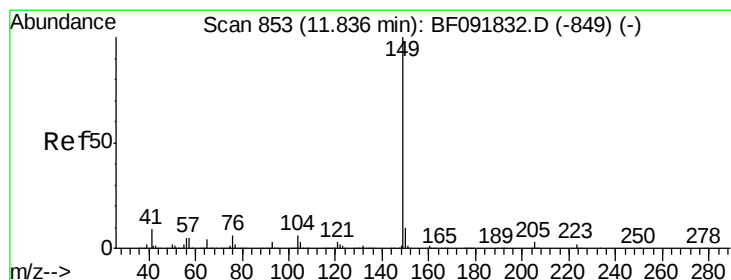
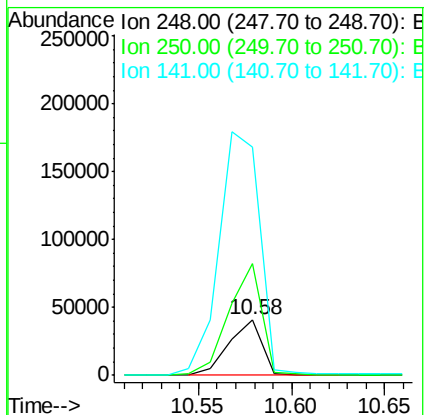
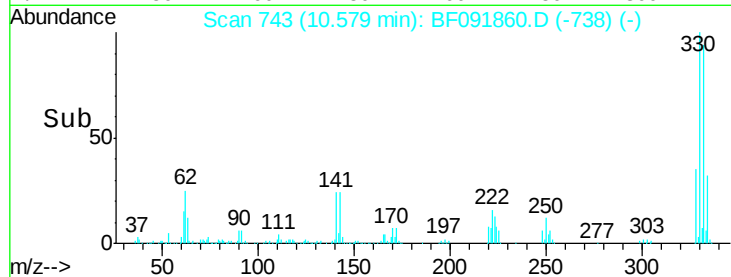
141 409.5 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

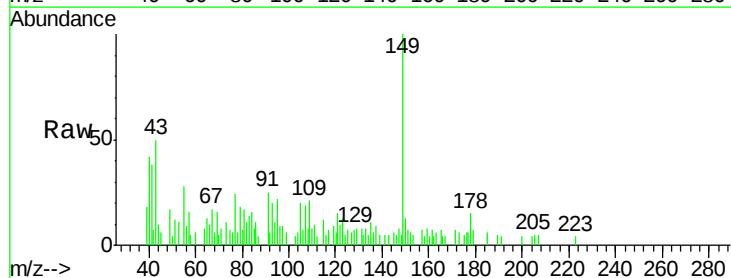
Tgt Ion:149 Resp: 7490

Ion Ratio Lower Upper

149 100

150 12.7 8.1 12.1#

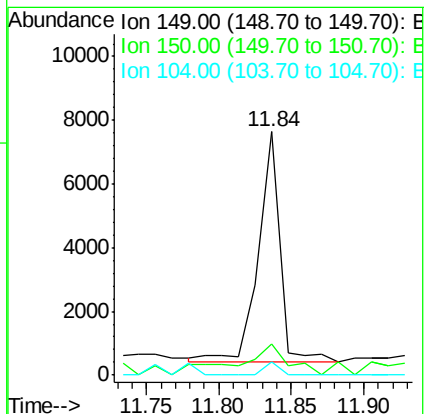
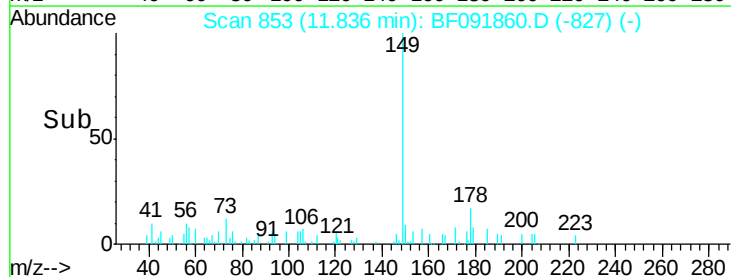
104 5.6 4.6 7.0

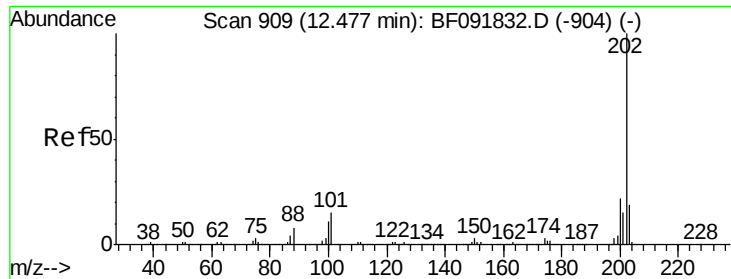


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

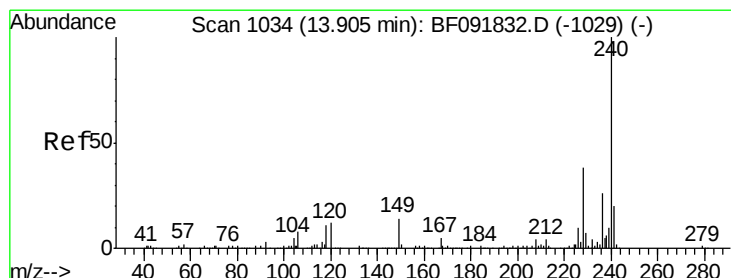
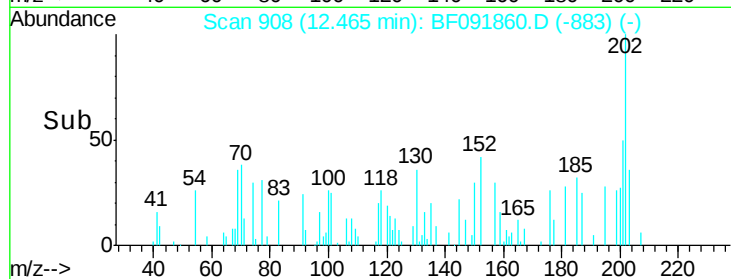
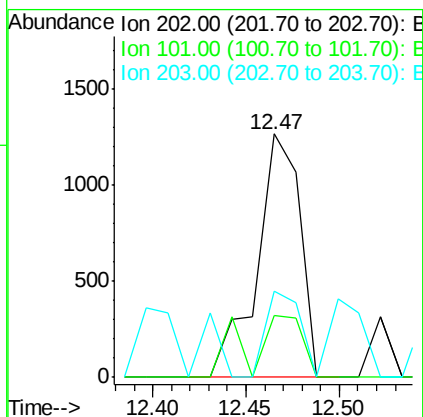
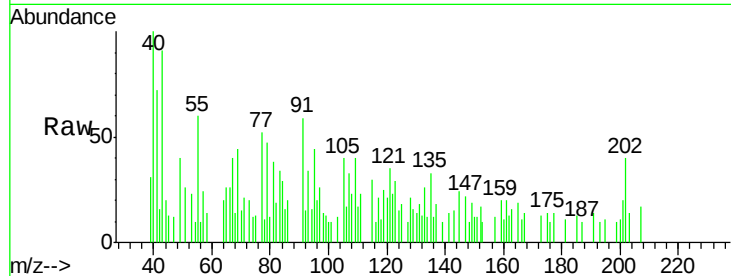
Ion 104.00 (103.70 to 104.70): E





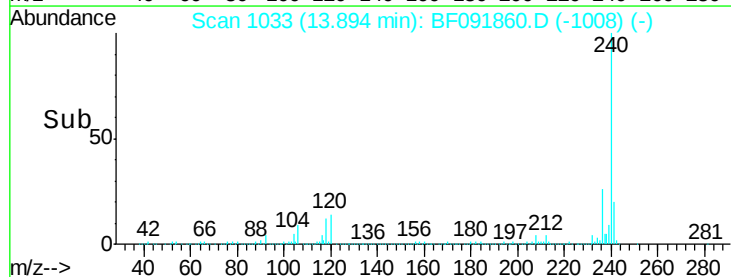
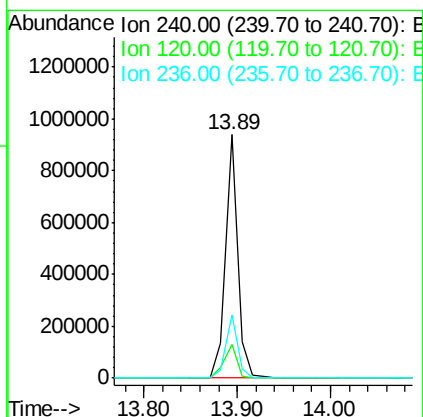
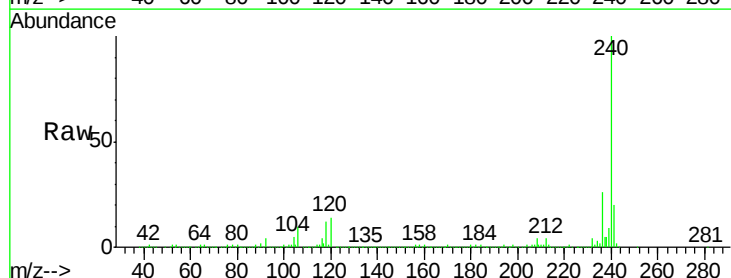
#74
Fluoranthene
Concen: Below Cal
RT: 12.47 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

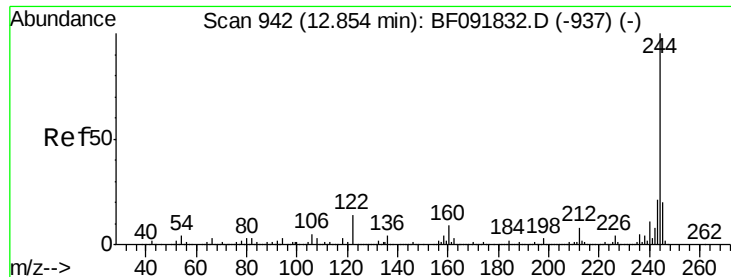
Tgt Ion:	202	Resp:	2016
Ion Ratio	Lower	Upper	
202	100		
101	25.4	0.0	34.6
203	35.7	0.0	38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:	240	Resp:	854236
Ion Ratio	Lower	Upper	
240	100		
120	14.0	12.9	19.3
236	25.8	20.9	31.3





#78

Terphenyl-d14

Concen: 72.76 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

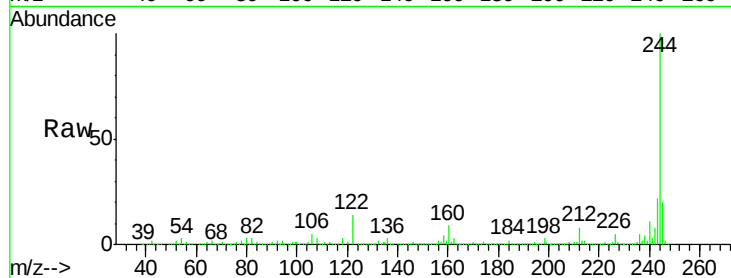
Tgt Ion:244 Resp: 2562930

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

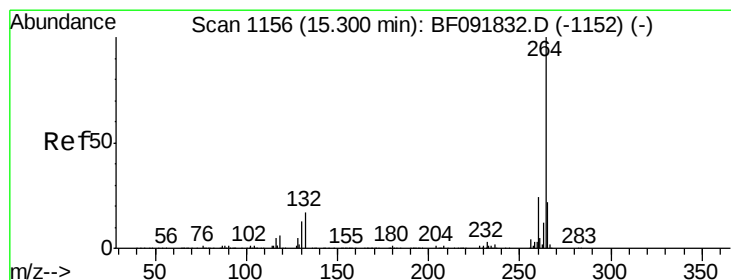
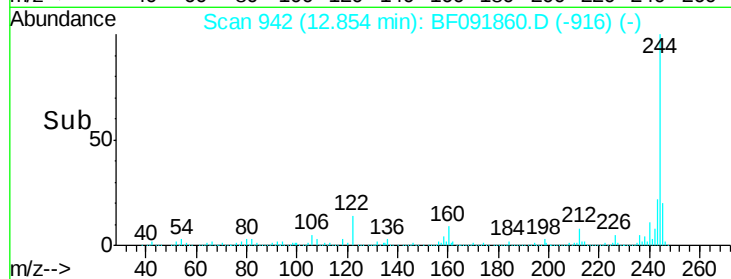
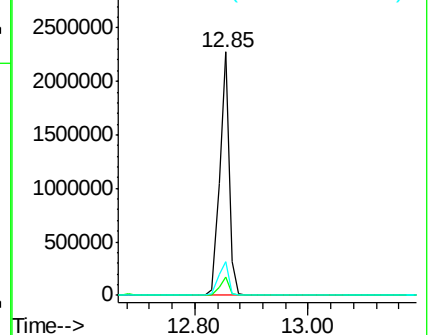
122 14.0 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091860.D

Acq: 22 Dec 2016 3:29

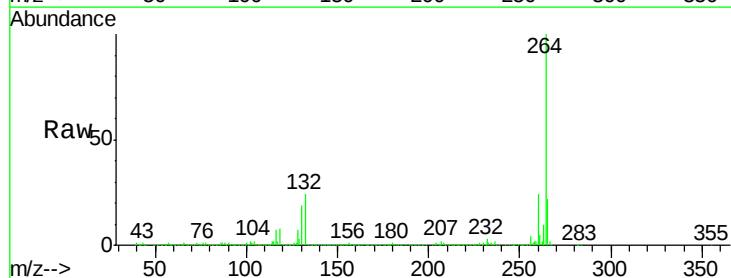
Tgt Ion:264 Resp: 665592

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.1 17.4 26.0



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

