

Data Path : Z:\HPCHEM1\BNA F\Data\BF122116\
 Data File : BF091867.D
 Acq On : 22 Dec 2016 6:39
 Operator : UM/SJ
 Sample : H6156-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 22 15:44:41 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	6.76	152	314808	20.00	ng	0.01
21) Naphthalene-d8	8.03	136	296578	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	691656	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1103623	20.00	ng	0.00
75) Chrysene-d12	13.89	240	884513	20.00	ng	-0.01
86) Perylene-d12	15.29	264	713888	20.00	ng	-0.01

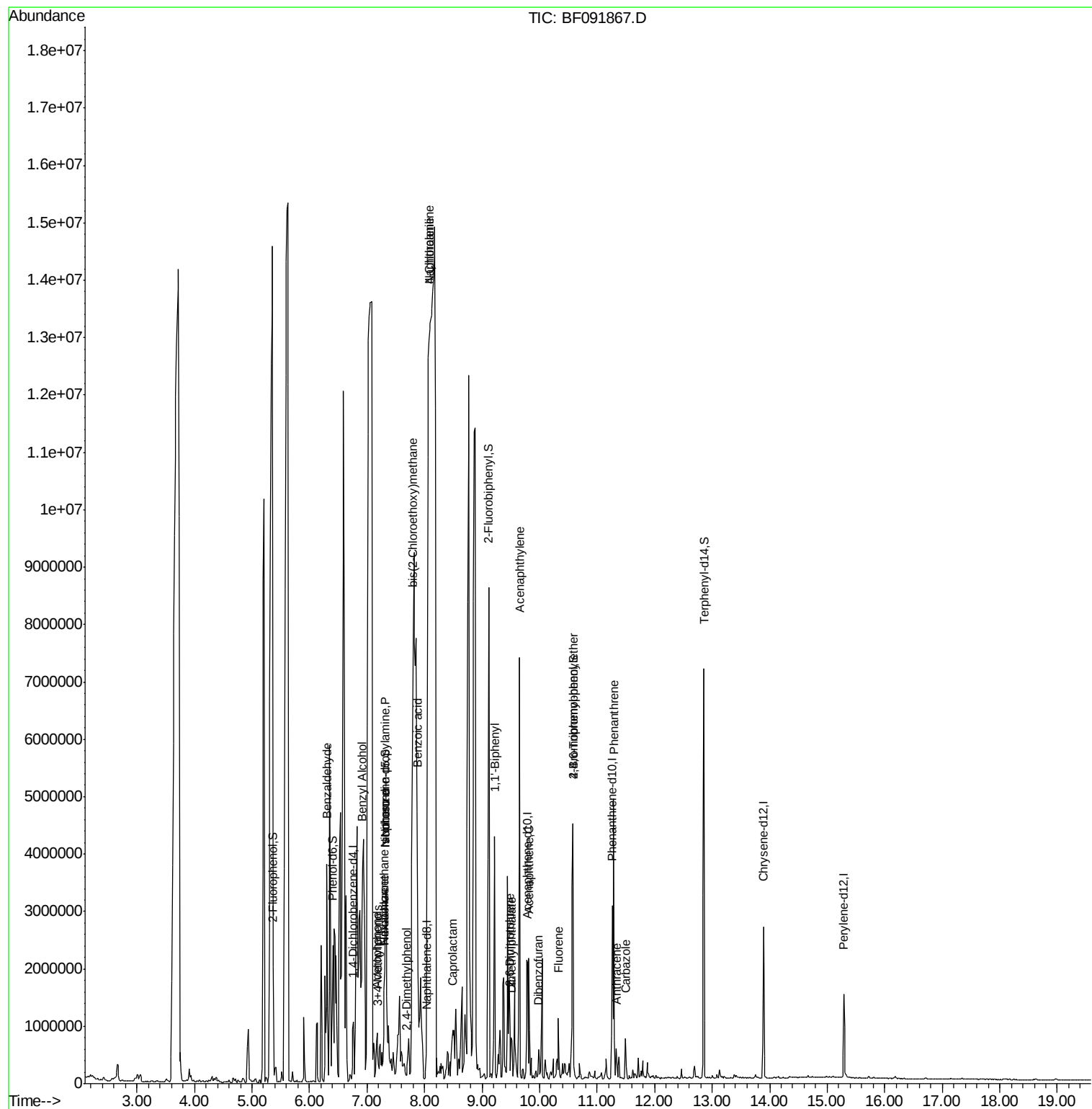
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	847546	44.95	ng	0.02
7) Phenol-d6	6.41	99	1178783	51.21	ng	0.00
23) Nitrobenzene-d5	7.32	82	2327214	436.33	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	753095	131.57	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3041571	91.01	ng	0.00
78) Terphenyl-d14	12.85	244	2570194	70.47	ng	0.00

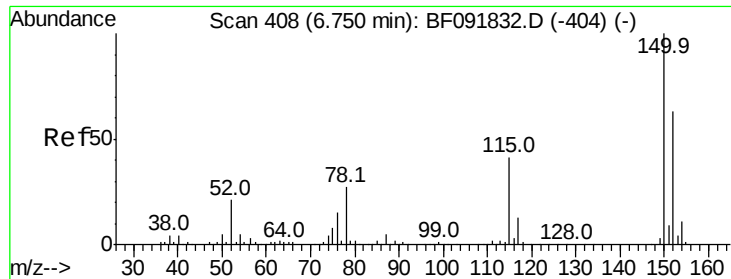
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	377187	25.30	ng	# 1
15) Benzyl Alcohol	6.92	79	47950	2.68	ng	# 12
18) Hexachloroethane	7.30	117	288432	33.39	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	305254	19.93	ng	# 76
20) 3+4-Methylphenols	7.18	107	91638	4.45	ng	# 85
22) Acetophenone	7.17	105	455264	62.24	ng	# 91
24) Nitrobenzene	7.30	77	56831	10.00	ng	# 18
25) Isophorone	7.32	82	2281161	231.82	ng	# 65
27) 2,4-Dimethylphenol	7.69	122	14294	3.08	ng	# 78
28) bis(2-Chloroethoxy)methane	7.80	93	13949	2.34	ng	# 64
31) Naphthalene	8.09	128	30443393	2242.82	ng	# 93
32) Benzoic acid	7.87	122	8208	2.38	ng	# 1
33) 4-Chloroaniline	8.09	127	3802389	621.26	ng	# 33
35) Caprolactam	8.49	113	5924	4.58	ng	# 27
37) 2-Methylnaphthalene	8.77	142	7477646	Below	Cal	97
45) 1,1'-Biphenyl	9.22	154	2081414	43.95	ng	99
48) Acenaphthylene	9.65	152	3586750	62.18	ng	98
49) Dimethylphthalate	9.50	163	90843	2.05	ng	# 95
50) 2,6-Dinitrotoluene	9.48	165	24386	2.52	ng	# 87
51) Acenaphthene	9.81	154	479843	12.27	ng	98
54) Dibenzofuran	9.98	168	147298	2.79	ng	97
57) Fluorene	10.33	166	405004	10.54	ng	100
66) 4-Bromophenyl-phenylether	10.58	248	50058	4.36	ng	# 1
70) Phenanthrene	11.29	178	1768236	29.55	ng	99
71) Anthracene	11.33	178	211615	2.52	ng	97
72) Carbazole	11.49	167	283853	4.19	ng	97
73) Di-n-butylphthalate	11.84	149	7191	Below	Cal	# 84
74) Fluoranthene	12.46	202	74815	Below	Cal	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

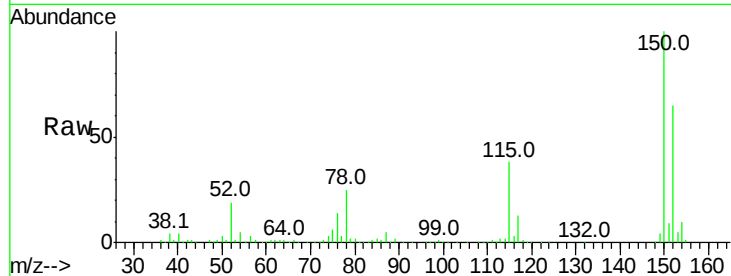
Tot Ion:152 Resp: 314808

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

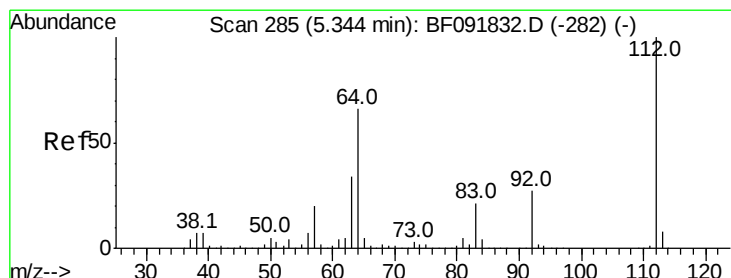
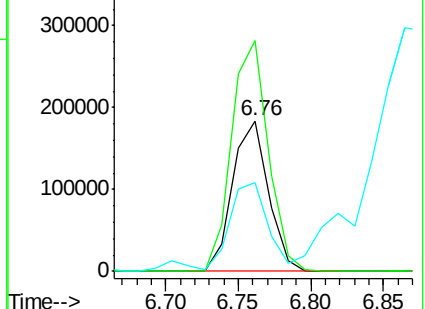
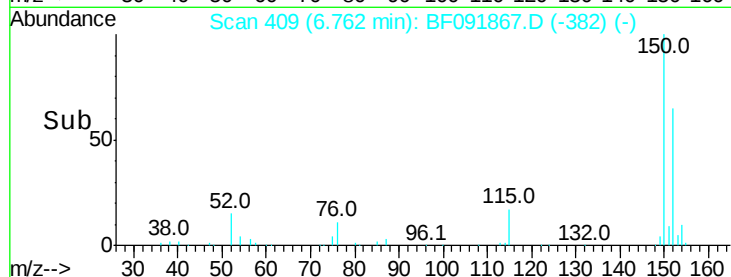
115 58.7 46.0 69.0



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: 44.95 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

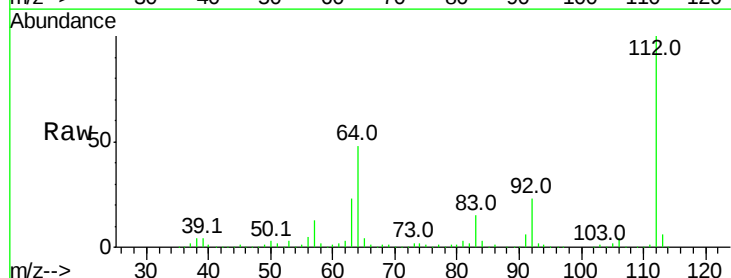
Tgt Ion:112 Resp: 847546

Ion Ratio Lower Upper

112 100

64 48.0 46.1 69.1

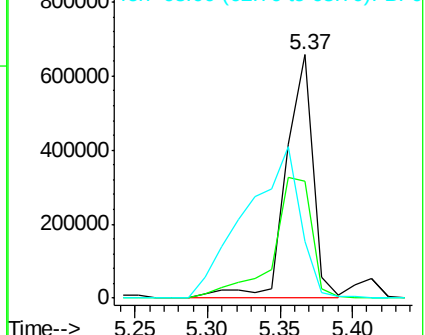
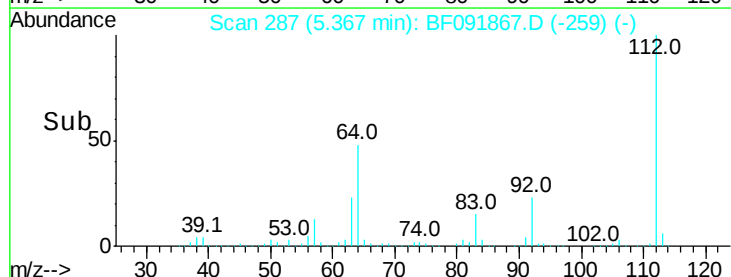
63 23.2 23.8 35.6#



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: 51.21 ng

RT: 6.41 min Scan# 378

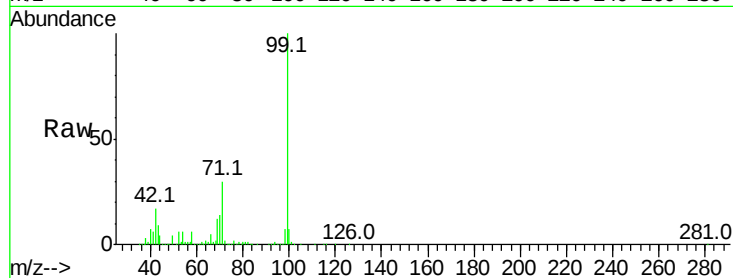
Delta R.T. -0.00 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

Tot Ion: 99 Resp: 1178783

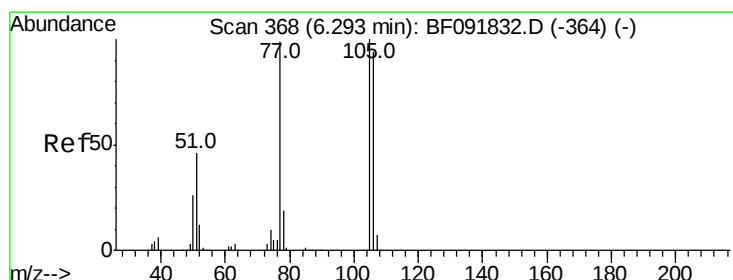
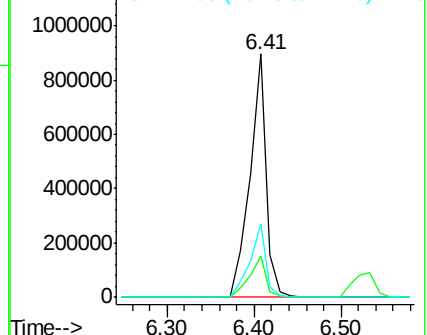
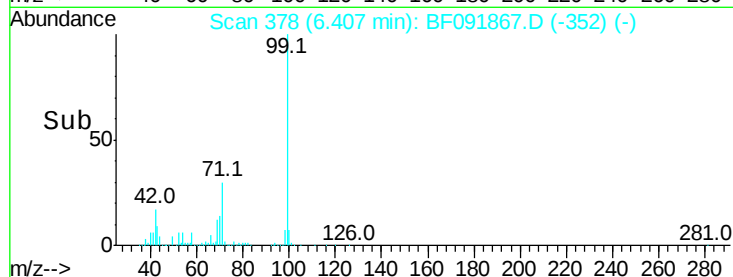
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.6	23.4
71	29.9	27.5	41.3



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: 25.30 ng

RT: 6.30 min Scan# 369

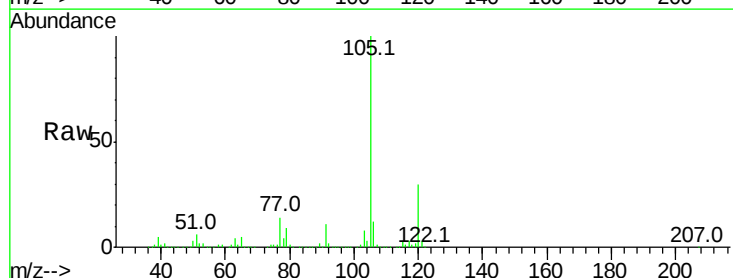
Delta R.T. 0.01 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

Tgt Ion: 77 Resp: 377187

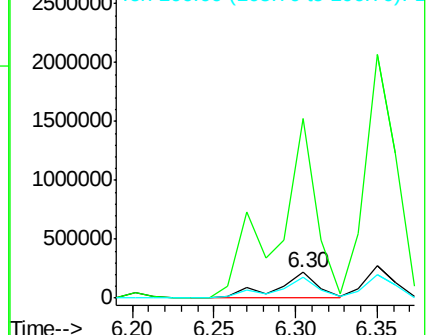
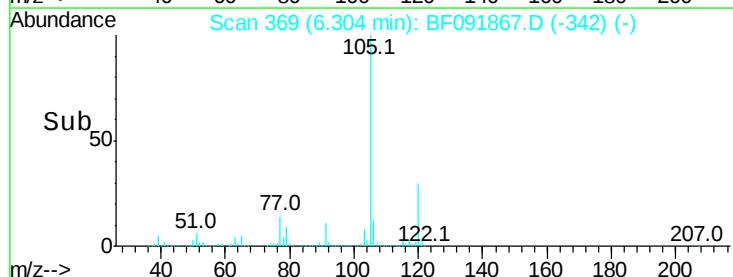
Ion	Ratio	Lower	Upper
77	100		
105	691.8	83.9	123.9#
106	81.4	77.6	117.6

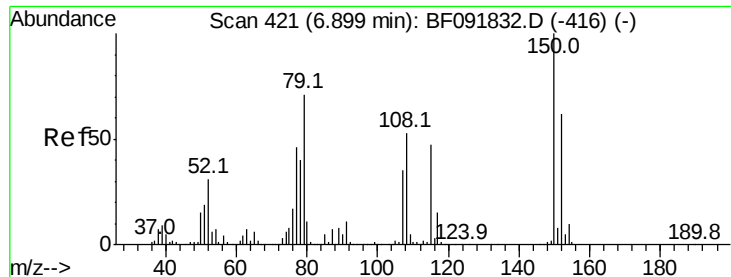


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.68 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.02 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

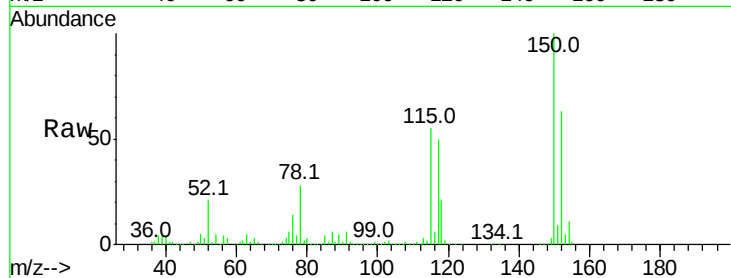
Tot Ion: 79 Resp: 47950

Ion Ratio Lower Upper

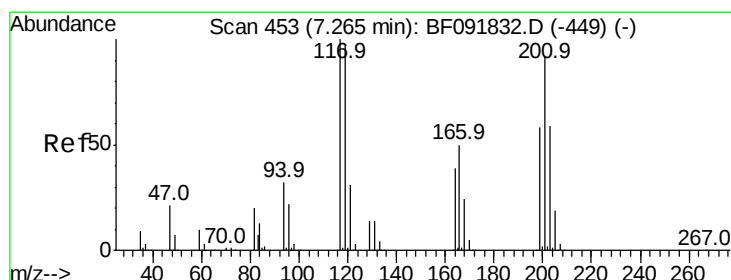
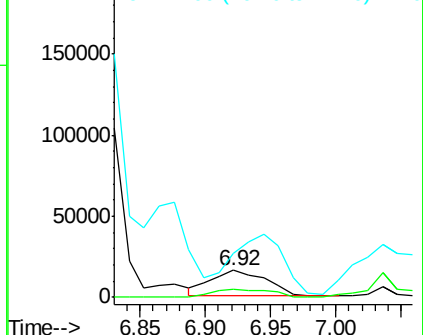
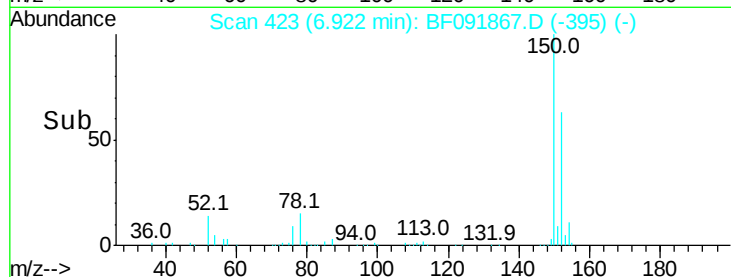
79 100

108 28.6 61.4 92.0#

77 162.3 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 33.39 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.03 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

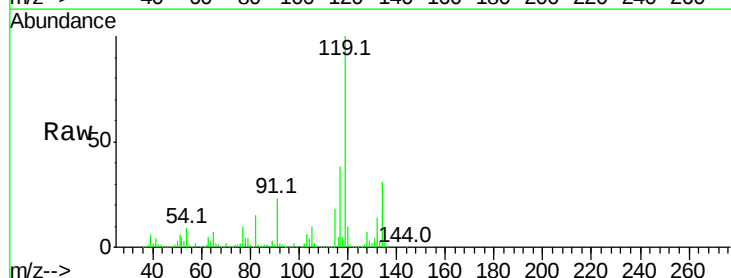
Tgt Ion: 117 Resp: 288432

Ion Ratio Lower Upper

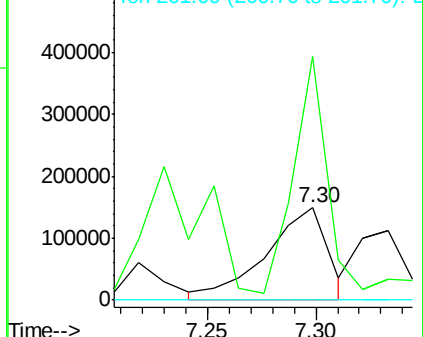
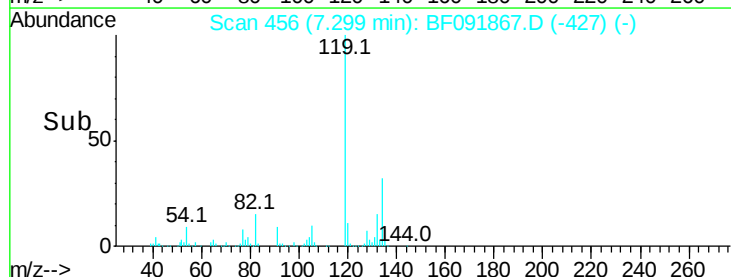
117 100

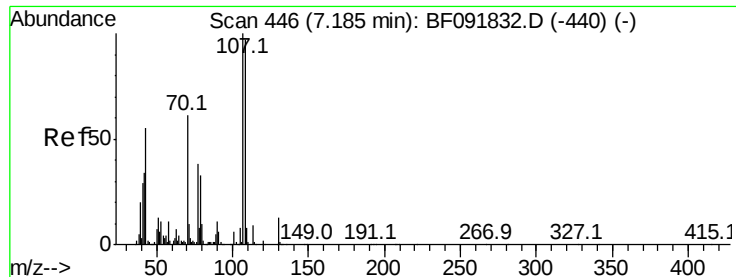
119 263.4 78.1 117.1#

201 0.0 78.6 117.8#



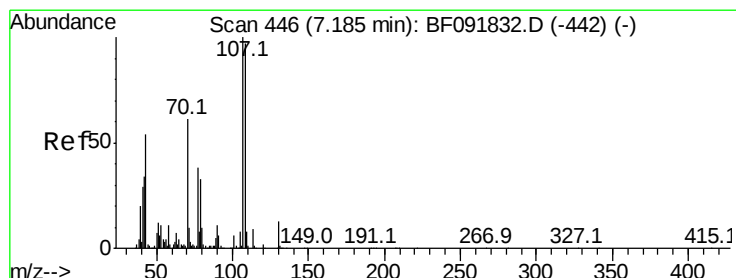
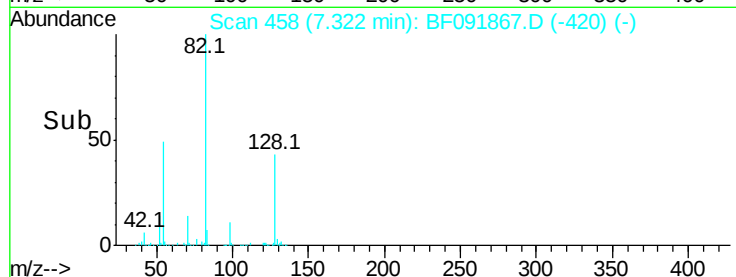
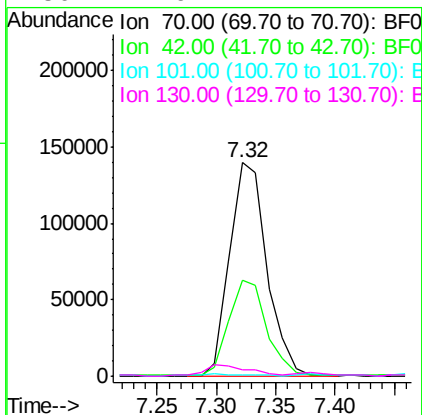
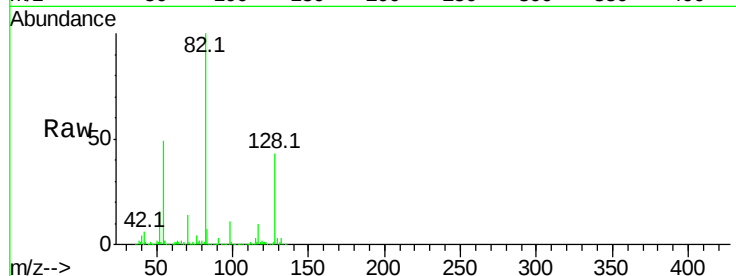
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





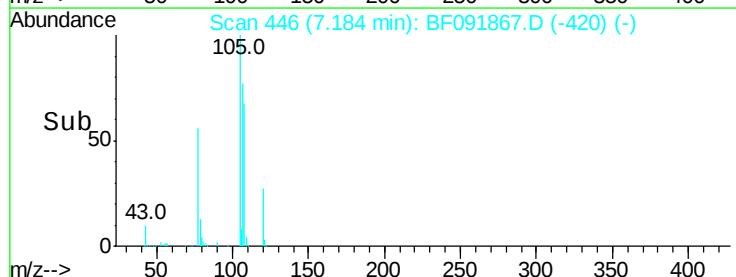
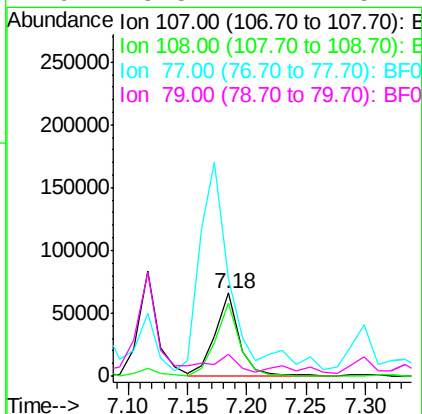
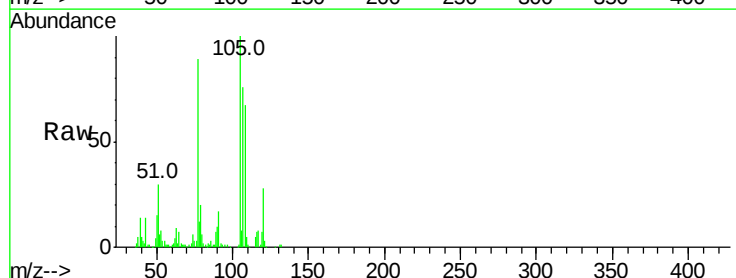
#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.14 min
Lab File: BF091867.D
Acq: 22 Dec 2016 6:39

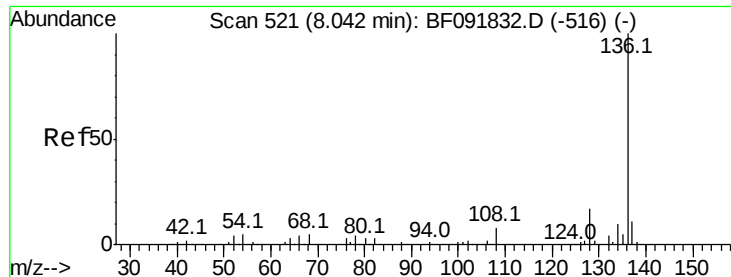
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.4	74.0#
101	0.4	7.4	11.2#
130	2.9	14.2	21.4#



#20
3+4-Methylphenols
Concen: 4.45 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091867.D
Acq: 22 Dec 2016 6:39

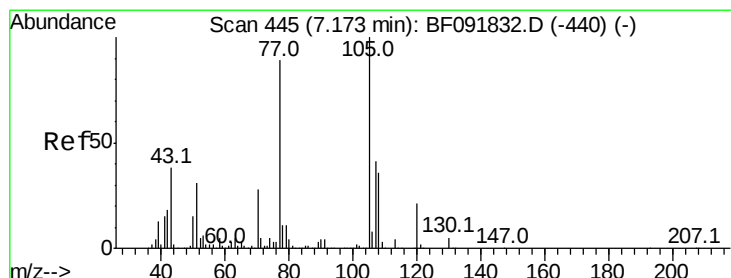
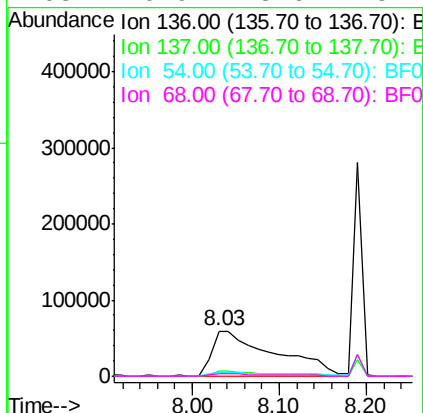
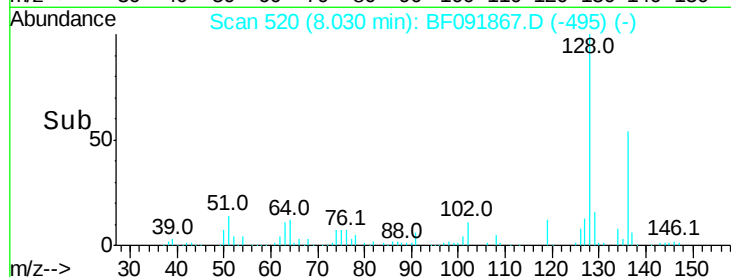
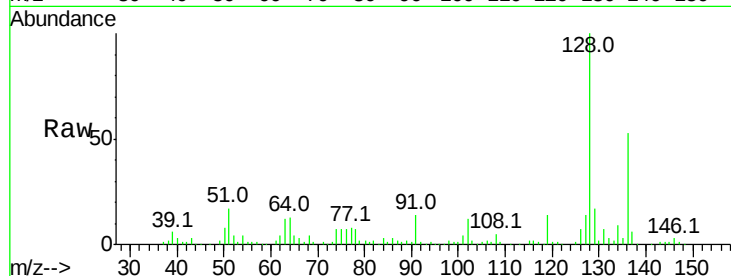
Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	73.0	113.0
77	117.5	71.3	111.3#
79	25.8	11.1	51.1





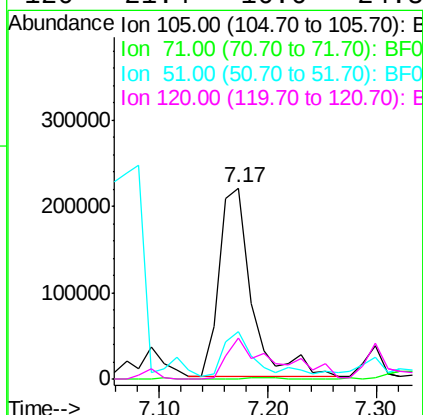
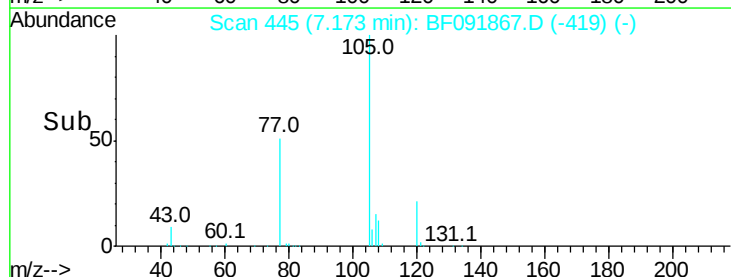
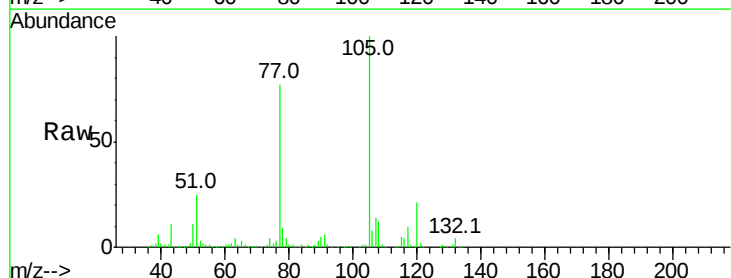
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091867.D
Acq: 22 Dec 2016 6:39

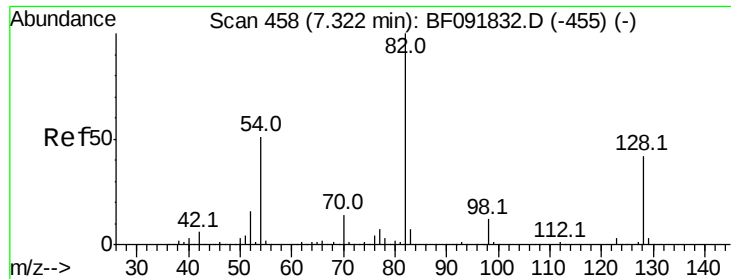
Tot Ion:	136	Resp:	296578
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.7	4.5	6.7#
68	6.9	3.6	5.4#



#22
Acetophenone
Concen: 62.24 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF091867.D
Acq: 22 Dec 2016 6:39

Tgt Ion:	105	Resp:	455264
Ion	Ratio	Lower	Upper
105	100		
71	0.2	3.2	4.8#
51	25.1	26.2	39.4#
120	21.4	16.6	24.8





#23

Nitrobenzene-d5

Concen: 436.33 ng

RT: 7.32 min Scan# 458

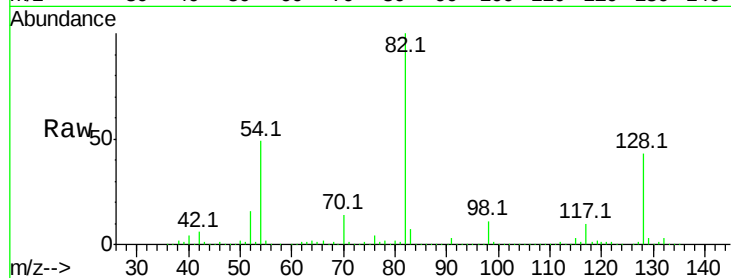
Delta R.T. -0.00 min

Lab File: BF091867.D

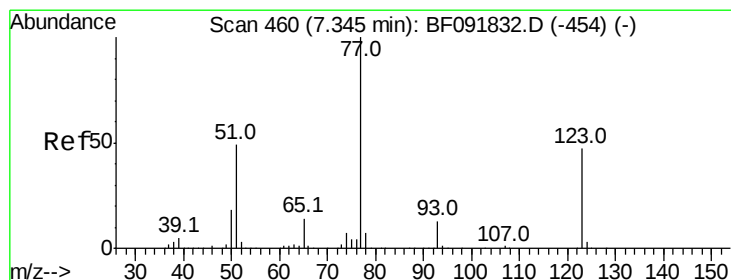
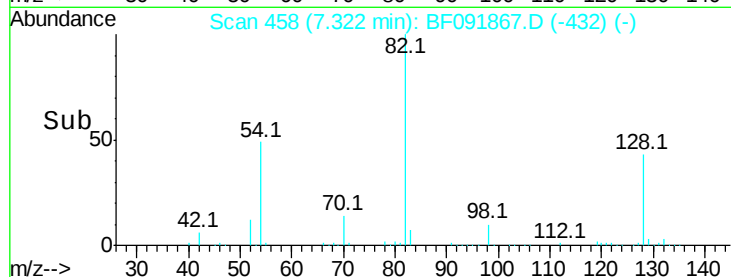
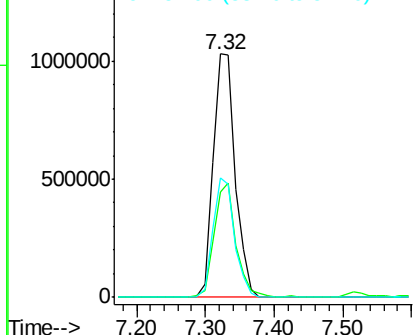
Acq: 22 Dec 2016 6:39

Tot Ion: 82 Resp: 2327214

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	49.1	39.5	59.3



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



#24

Nitrobenzene

Concen: 10.00 ng

RT: 7.30 min Scan# 456

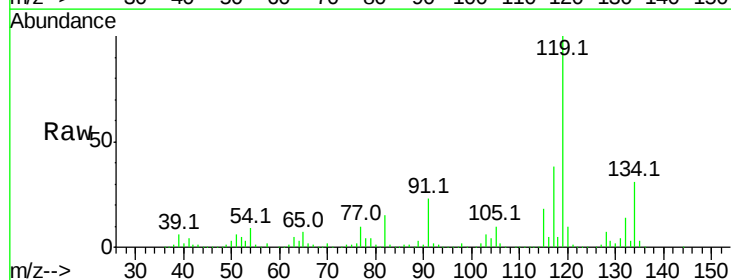
Delta R.T. -0.05 min

Lab File: BF091867.D

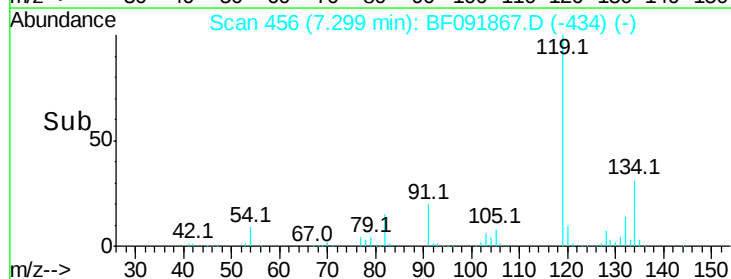
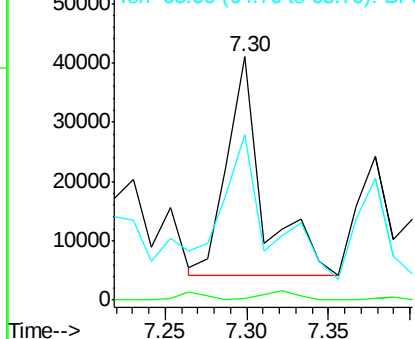
Acq: 22 Dec 2016 6:39

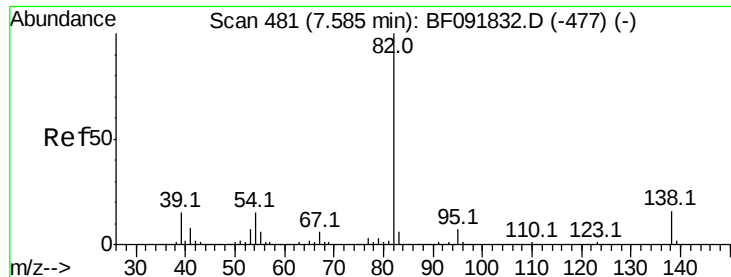
Tgt Ion: 77 Resp: 56831

Ion	Ratio	Lower	Upper
77	100		
123	0.8	33.0	49.4#
65	68.0	11.2	16.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 231.82 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.26 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

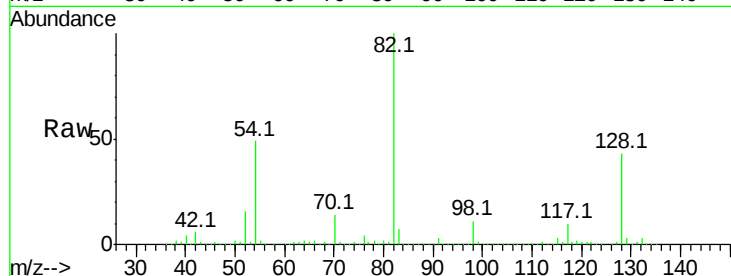
Tot Ion: 82 Resp: 2281161

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

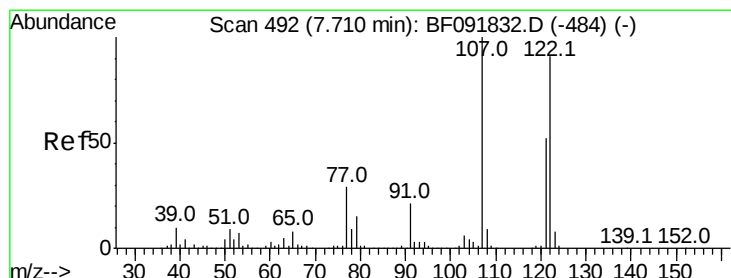
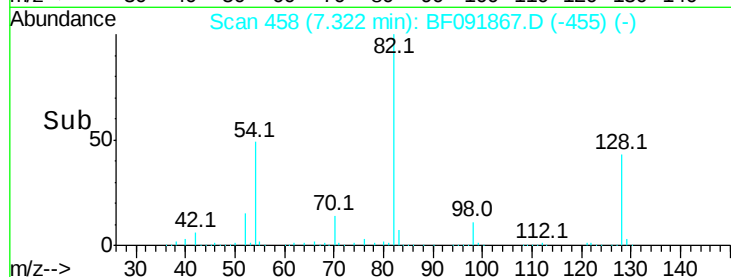
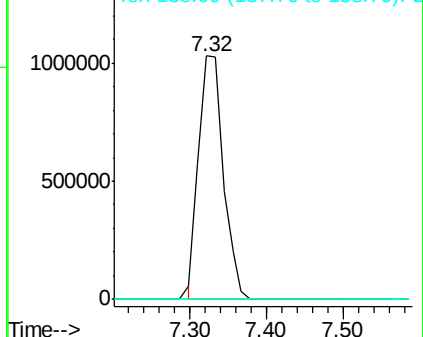
138 0.0 14.6 22.0#



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): E



#27

2,4-Dimethylphenol

Concen: 3.08 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

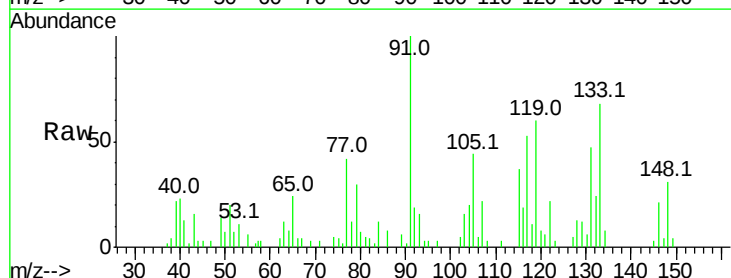
Tgt Ion:122 Resp: 14294

Ion Ratio Lower Upper

122 100

107 103.3 94.1 141.1

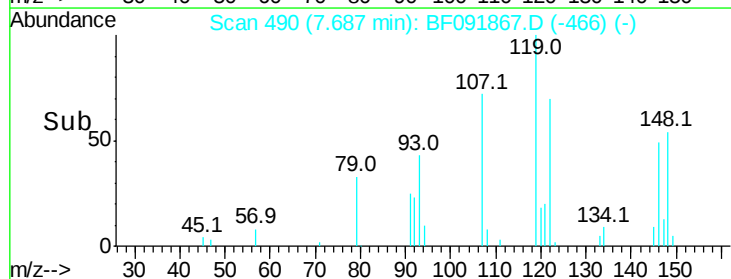
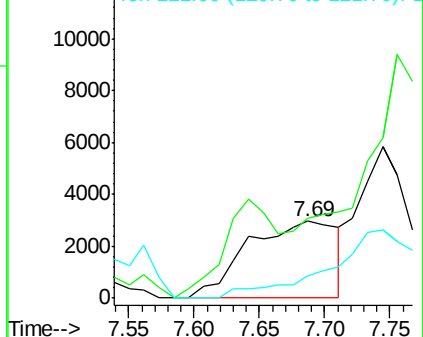
121 28.2 46.0 69.0#

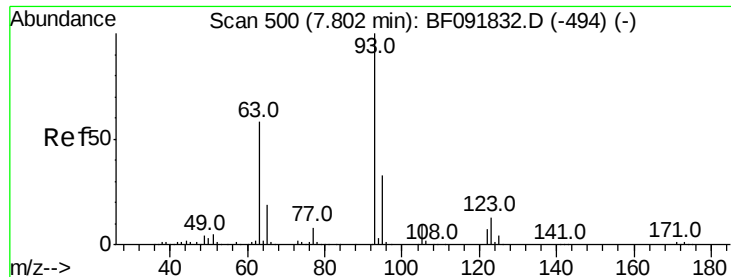


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 2.34 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

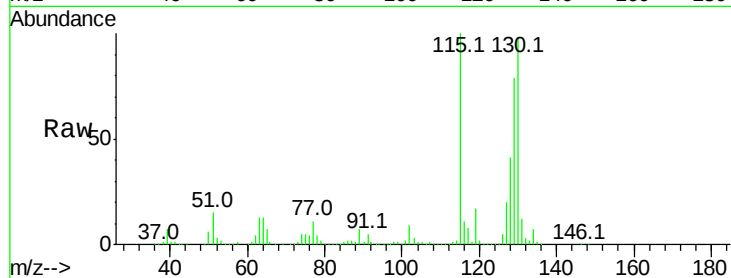
Tot Ion: 93 Resp: 13949

Ion Ratio Lower Upper

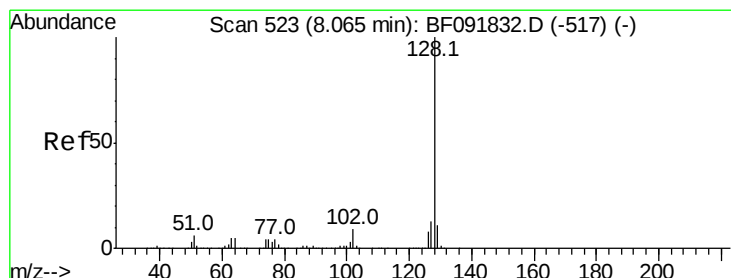
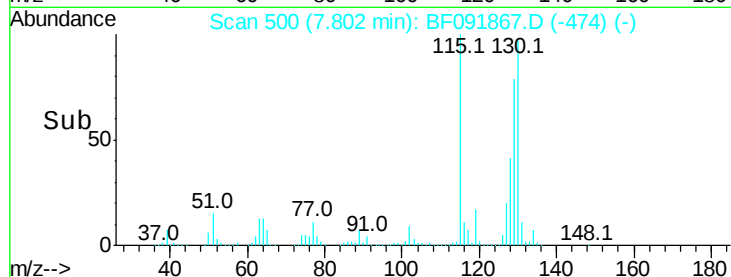
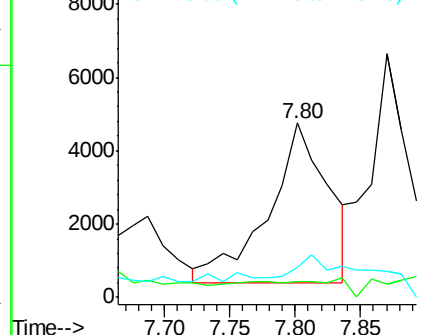
93 100

95 9.1 26.5 39.7#

123 17.2 8.6 13.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



#31

Naphthalene

Concen: 2242.82 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.02 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

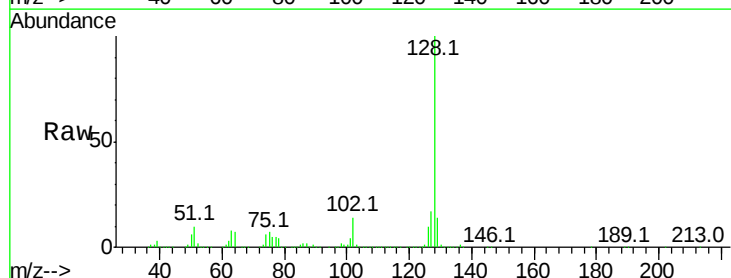
Tgt Ion:128 Resp:30443393

Ion Ratio Lower Upper

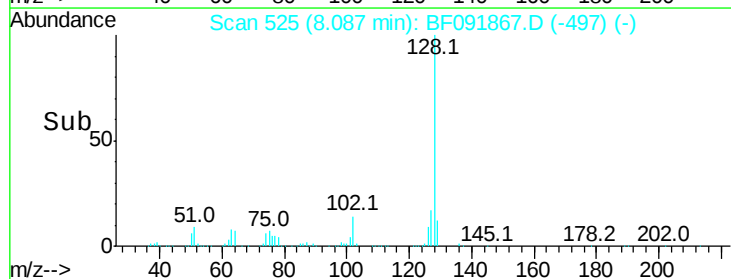
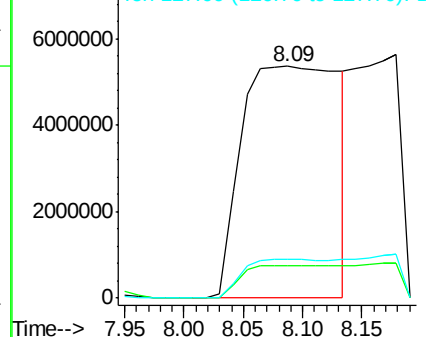
128 100

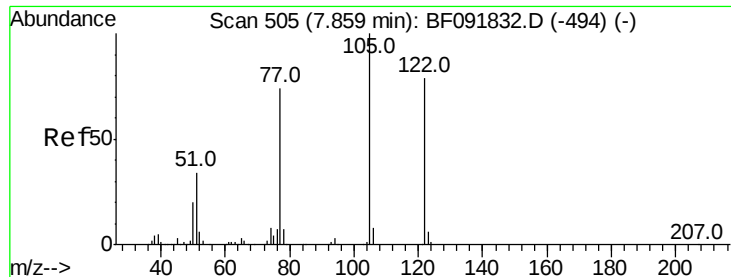
129 14.1 9.5 14.3

127 16.9 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





#32

Benzoic acid

Concen: 2.38 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

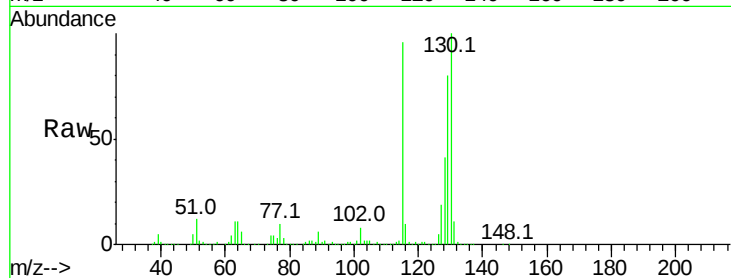
Tot Ion:122 Resp: 8208

Ion Ratio Lower Upper

122 100

105 443.3 107.2 147.2#

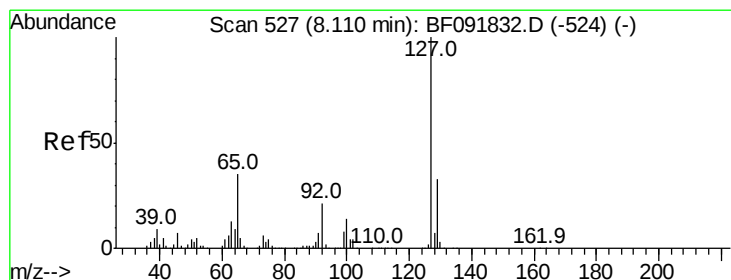
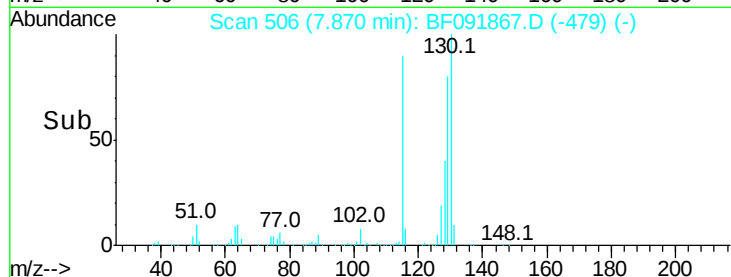
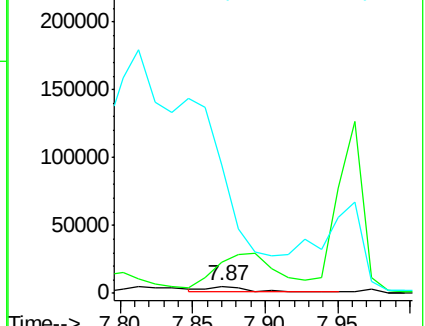
77 1849.4 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 621.26 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

Tgt Ion:127 Resp: 3802389

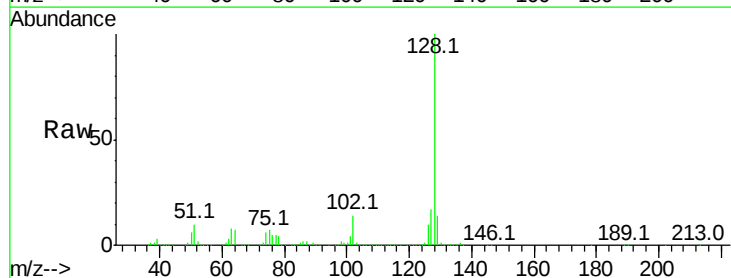
Ion Ratio Lower Upper

127 100

129 83.5 26.3 39.5#

65 0.0 25.8 38.8#

92 0.0 16.1 24.1#

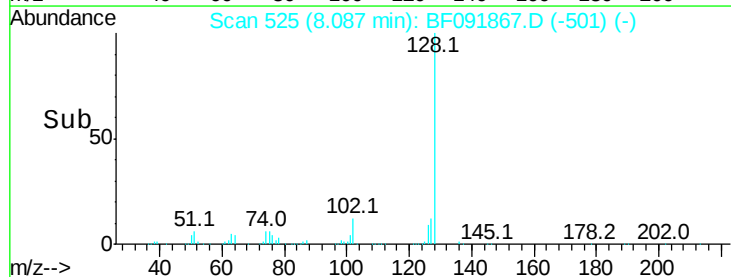
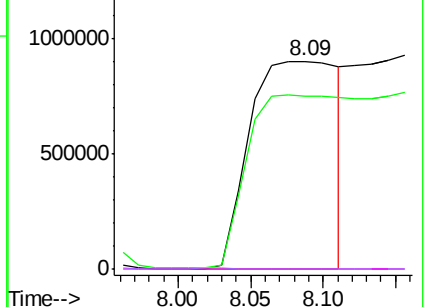


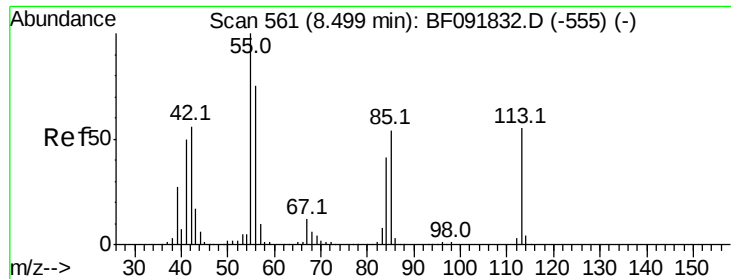
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

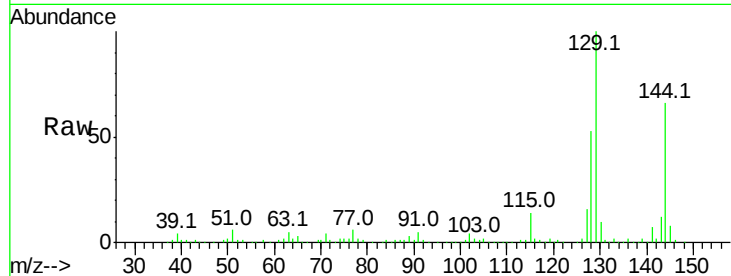
Ion 92.00 (91.70 to 92.70): BF0



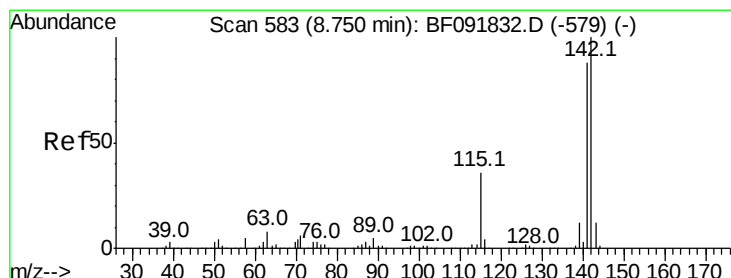
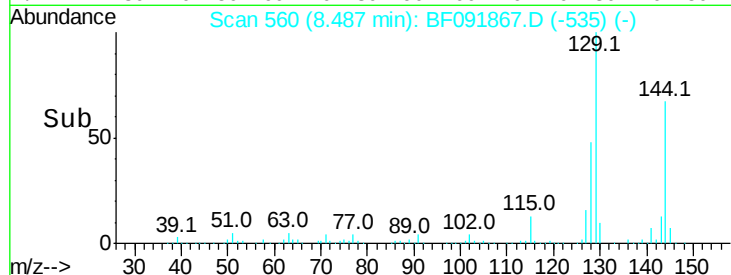
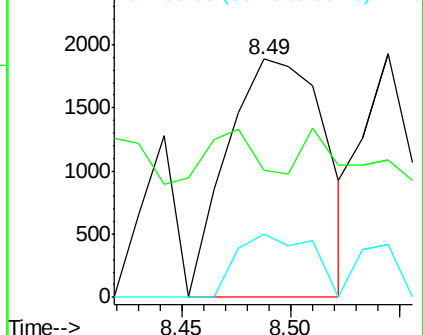


#35
 Caprolactam
 Concen: 4.58 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091867.D
 Acq: 22 Dec 2016 6:39

Tot Ion:113 Resp: 5924
 Ion Ratio Lower Upper
 113 100
 55 53.4 119.2 159.2#
 56 26.3 83.8 123.8#

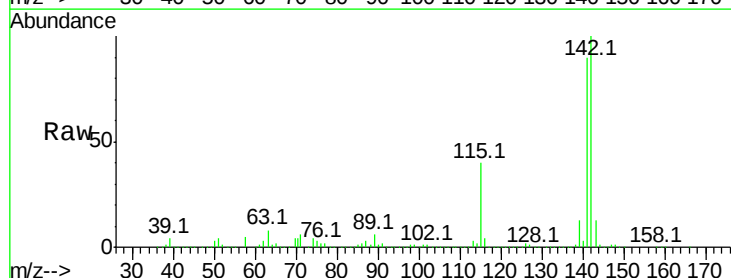


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

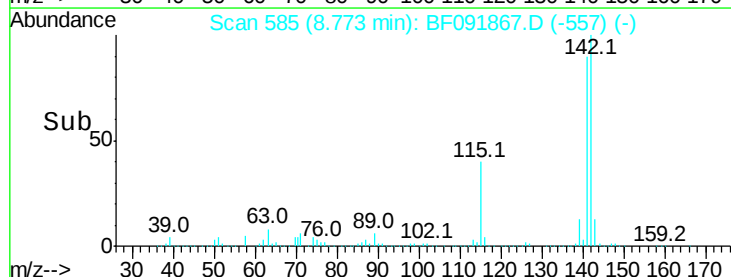
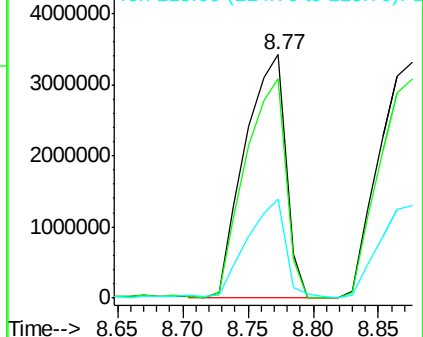


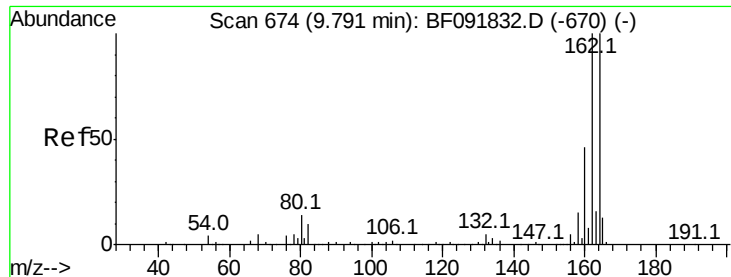
#37
 2-Methylnaphthalene
 Concen: Below Cal
 RT: 8.77 min Scan# 585
 Delta R.T. 0.02 min
 Lab File: BF091867.D
 Acq: 22 Dec 2016 6:39

Tgt Ion:142 Resp: 7477646
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 40.5 28.3 42.5



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: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

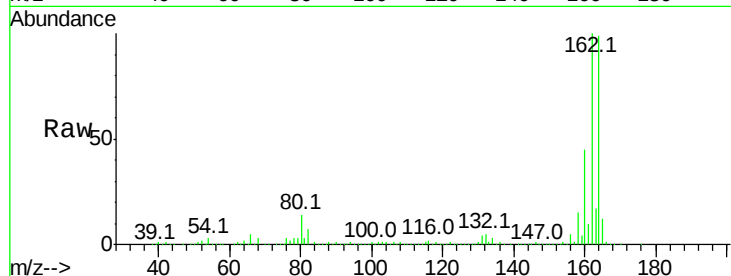
Tot Ion:164 Resp: 691656

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

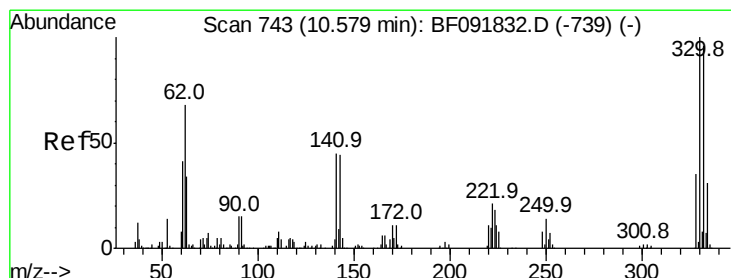
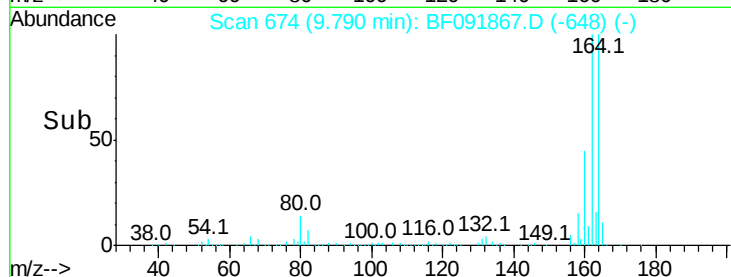
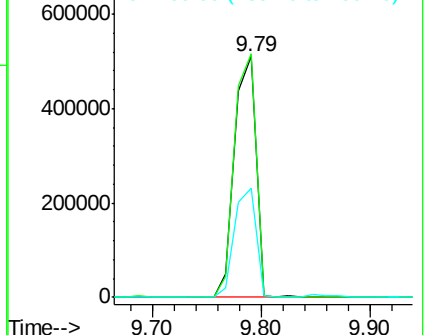
160 45.2 36.9 55.3



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: 131.57 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

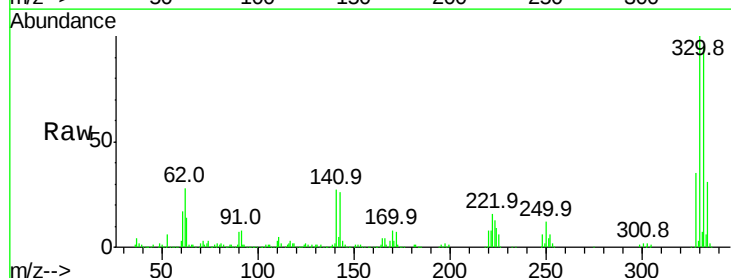
Tgt Ion:330 Resp: 753095

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

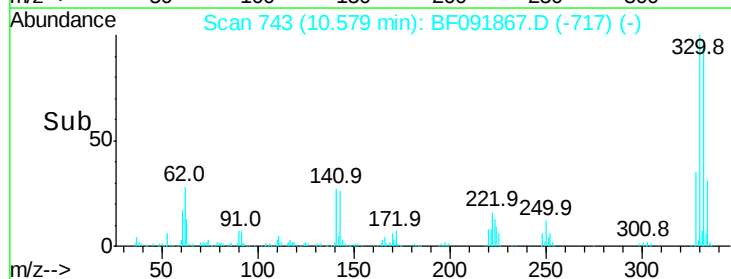
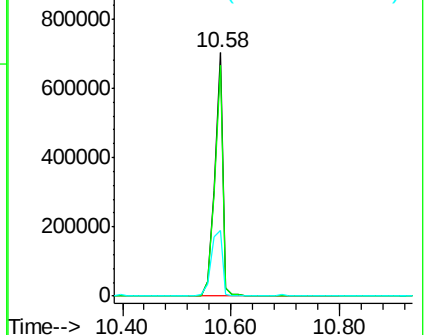
141 36.8 34.1 51.1

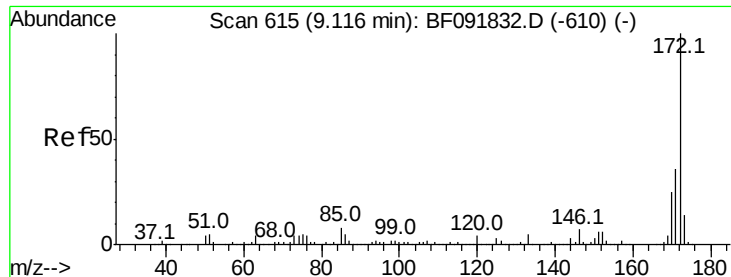


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

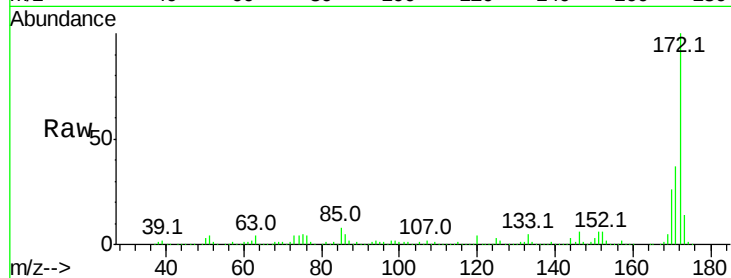




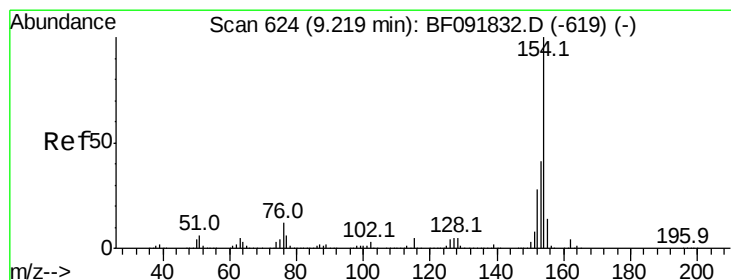
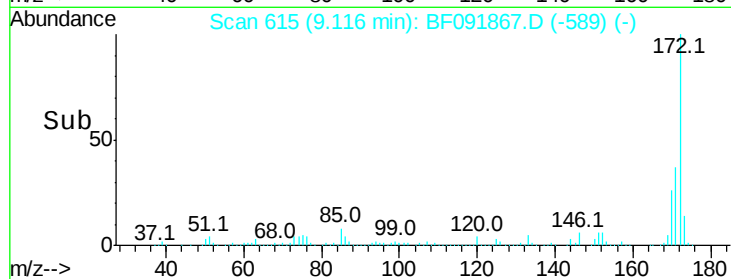
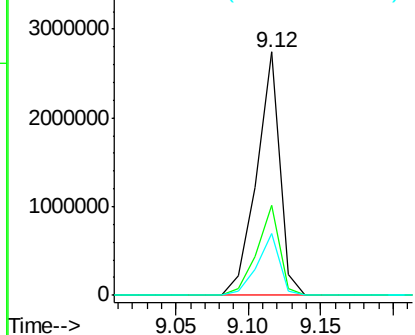
#44
2-Fluorobiphenyl
Concen: 91.01 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091867.D
Acq: 22 Dec 2016 6:39

Tot Ion:172 Resp: 3041571

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	25.6	20.2	30.4



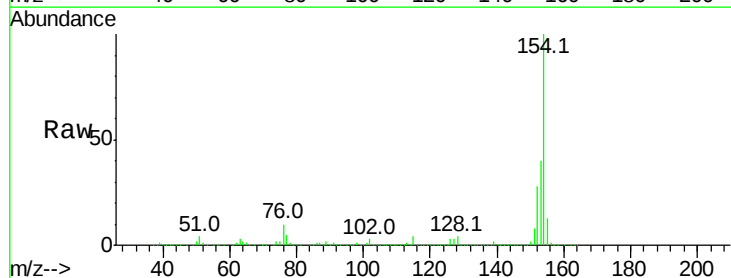
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



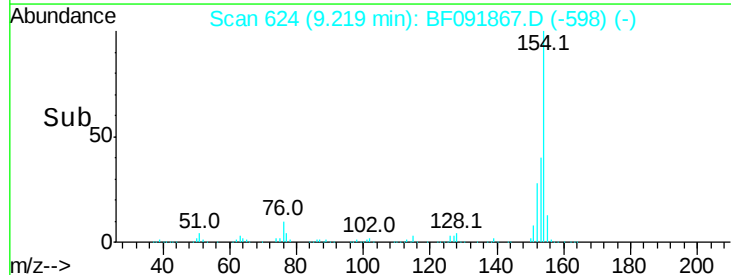
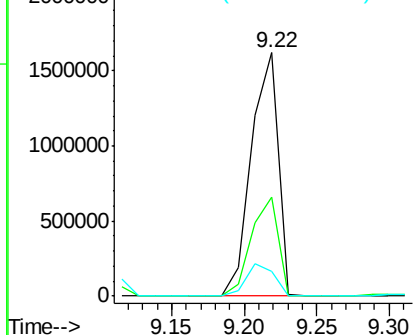
#45
1,1'-Biphenyl
Concen: 43.95 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF091867.D
Acq: 22 Dec 2016 6:39

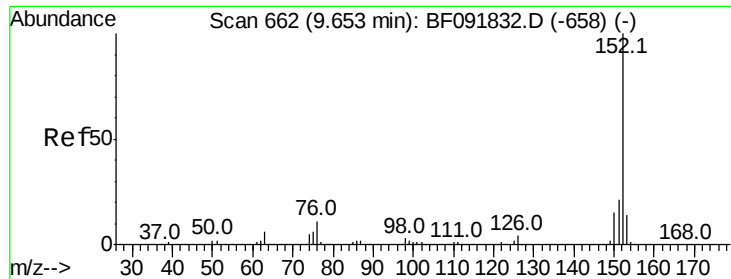
Tgt Ion:154 Resp: 2081414

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	10.3	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: 62.18 ng

RT: 9.65 min Scan# 662

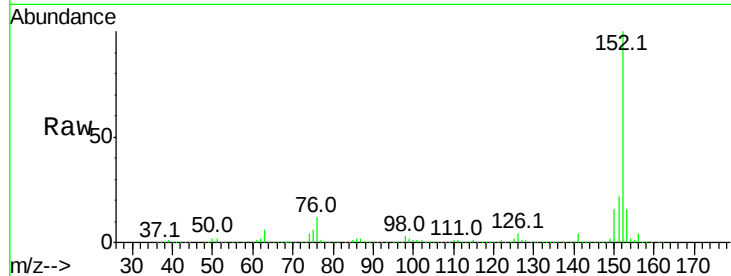
Delta R.T. -0.00 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

Tot Ion:152 Resp: 3586750

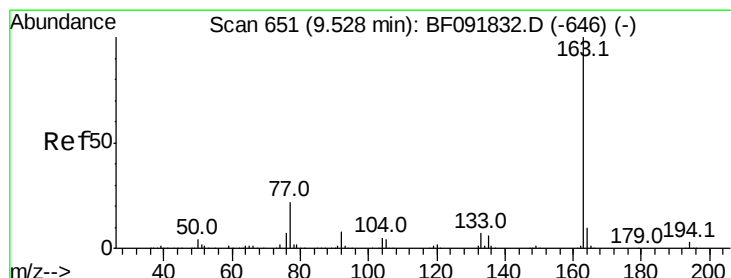
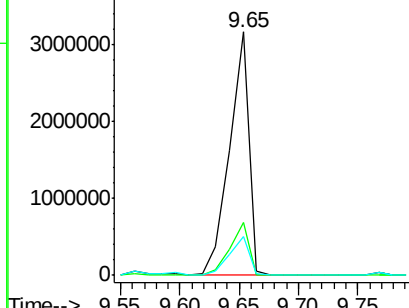
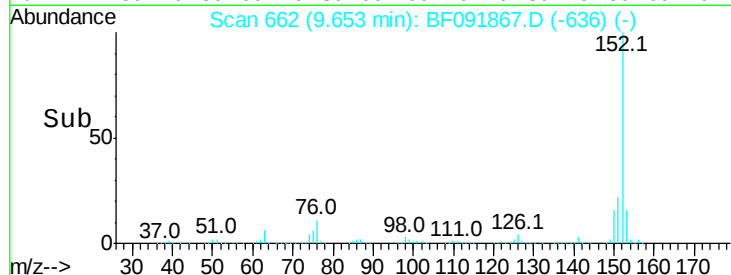
Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.9	25.3
153	16.0	11.4	17.2



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



#49

Dimethylphthalate

Concen: 2.05 ng

RT: 9.50 min Scan# 649

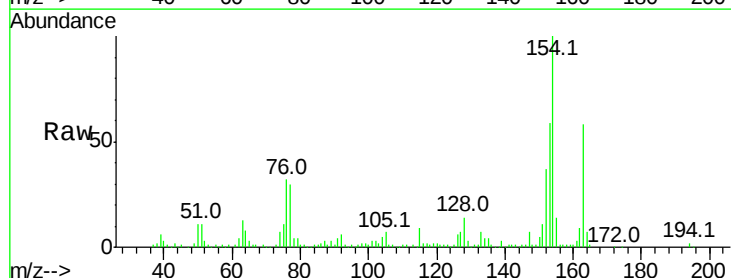
Delta R.T. -0.02 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

Tgt Ion:163 Resp: 90843

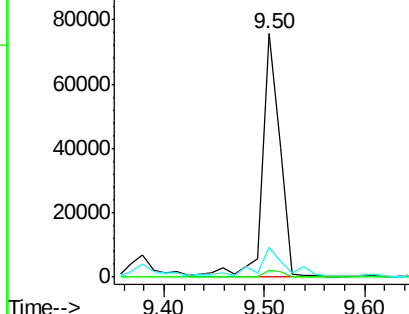
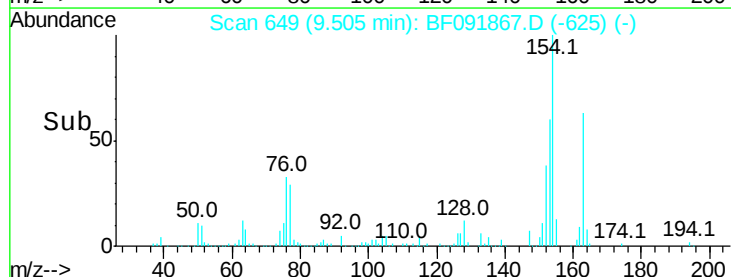
Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.0	4.4#
164	12.2	8.0	12.0#

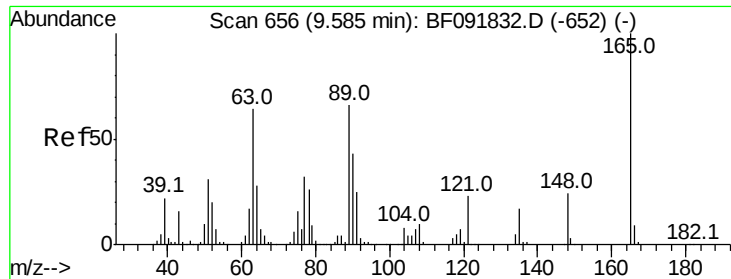


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

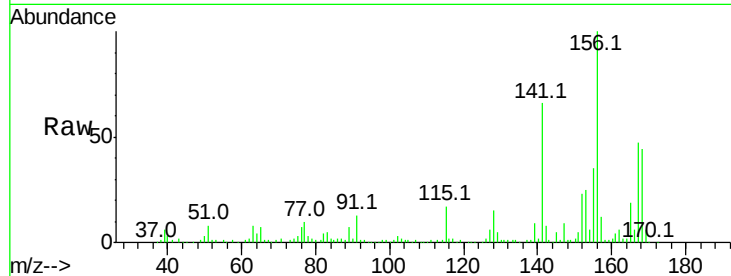
Ion 164.00 (163.70 to 164.70): E





#50
 2,6-Dinitrotoluene
 Concen: 2.52 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.10 min
 Lab File: BF091867.D
 Acq: 22 Dec 2016 6:39

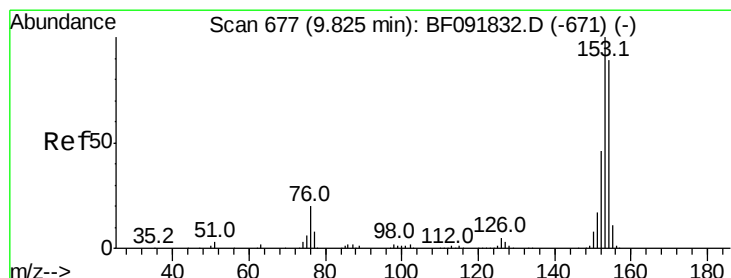
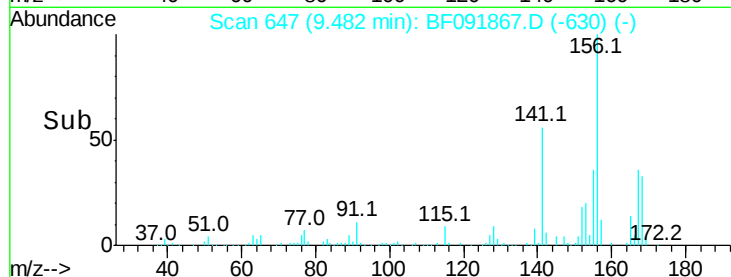
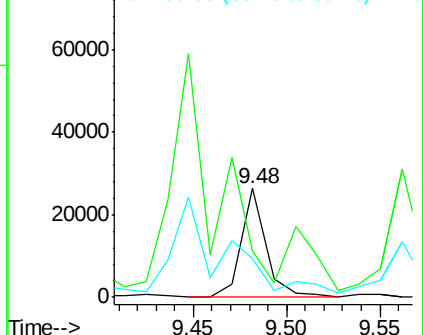
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.2	54.4
89	35.6	40.2	60.4



Abundance Ion 165.00 (164.70 to 165.70): E

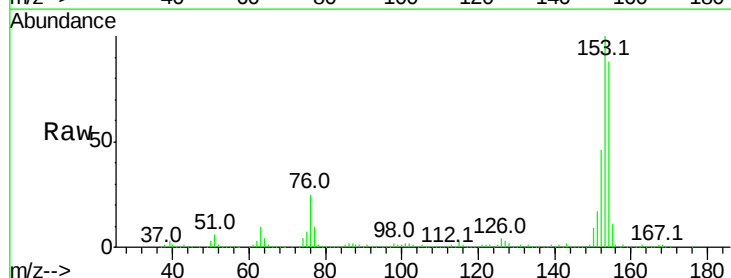
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
 Acenaphthene
 Concen: 12.27 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF091867.D
 Acq: 22 Dec 2016 6:39

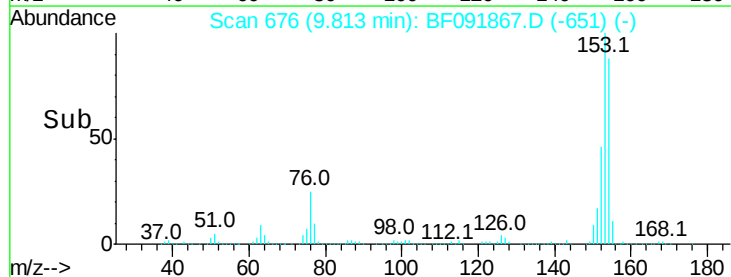
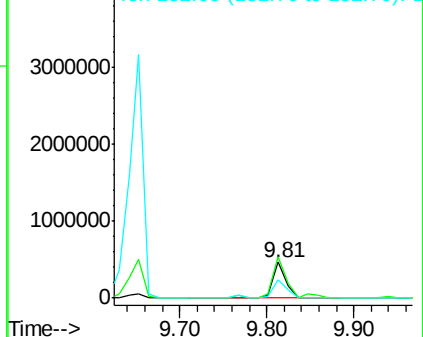
Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.6	133.0
152	51.7	41.6	62.4

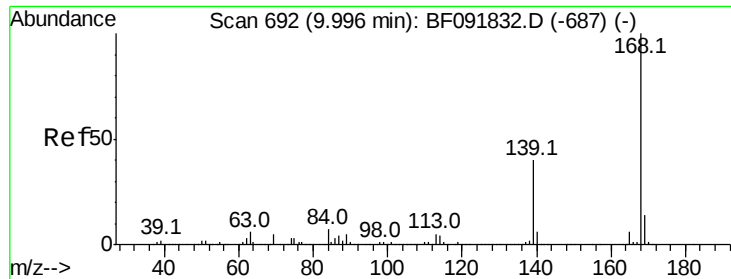


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

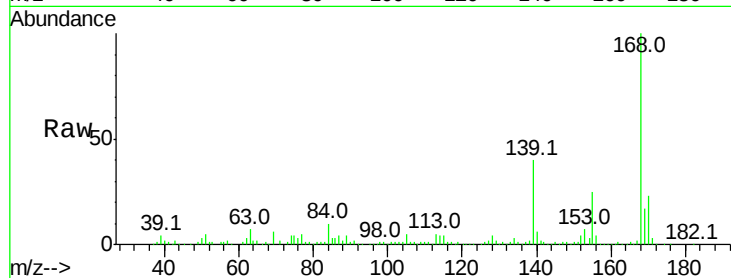
Ion 152.00 (151.70 to 152.70): E



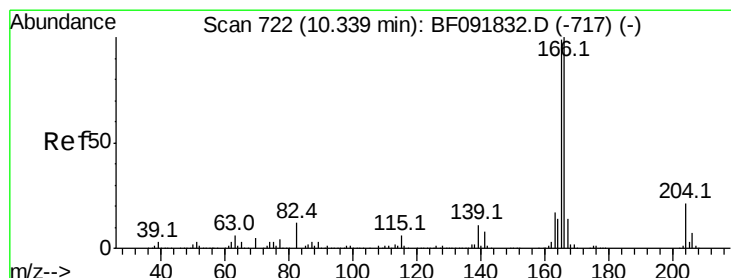
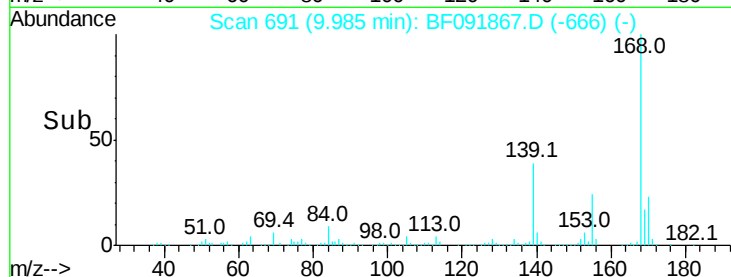
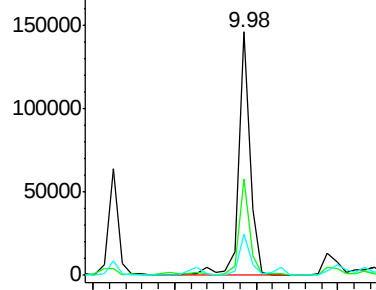


#54
Dibenzofuran
Concen: 2.79 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091867.D
Acq: 22 Dec 2016 6:39

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.6	49.0
169	16.7	11.3	16.9

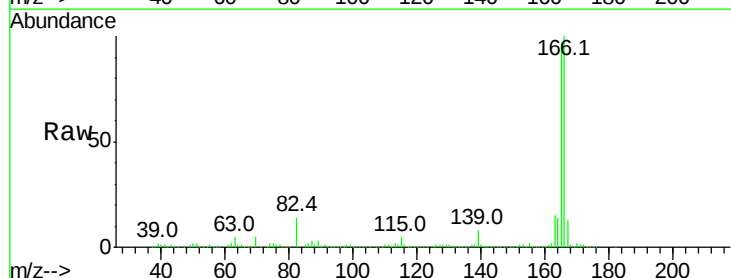


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

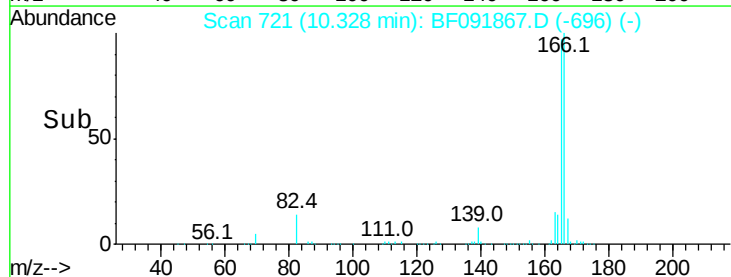
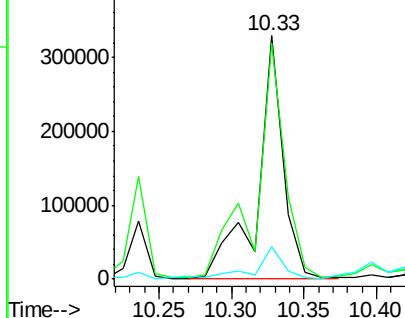


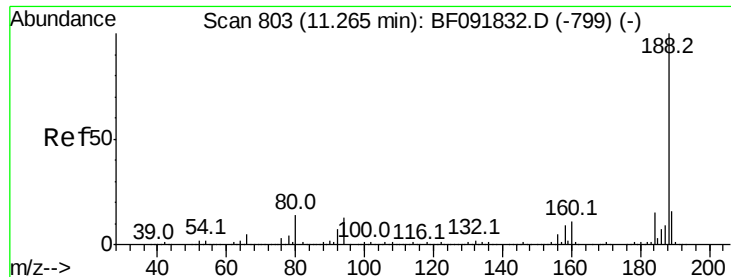
#57
Fluorene
Concen: 10.54 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF091867.D
Acq: 22 Dec 2016 6:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.8
167	13.3	10.8	16.2



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

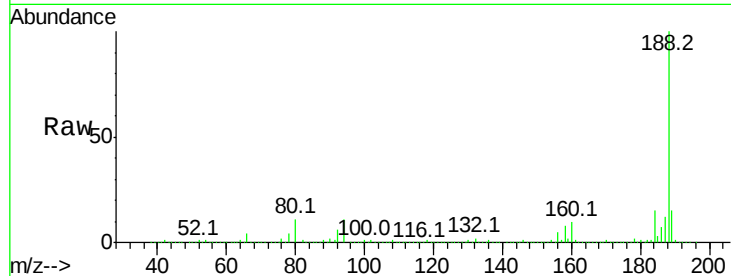




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF091867.D
 Acq: 22 Dec 2016 6:39

Tot Ion:188 Resp: 1103623

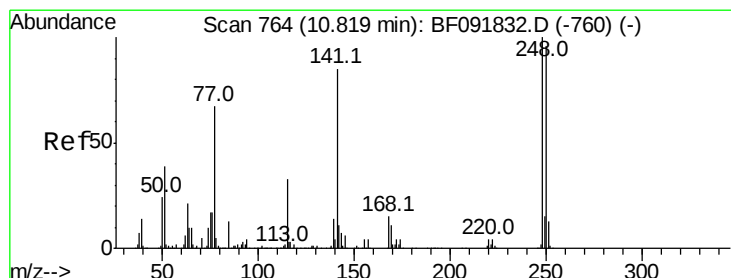
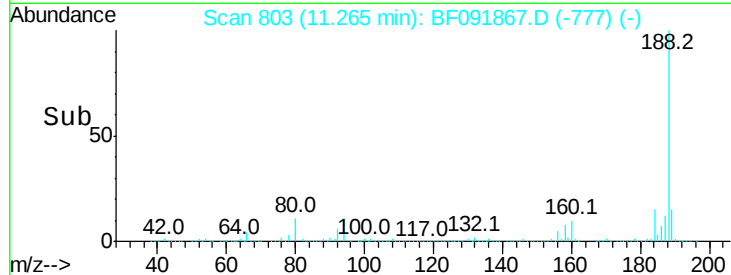
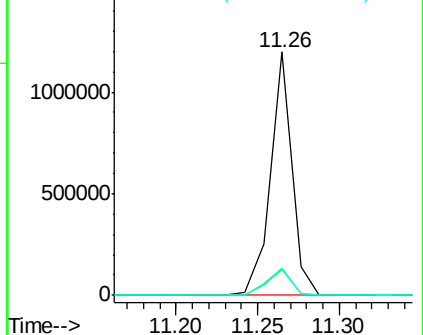
Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.0	15.0
80	11.4	11.2	16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

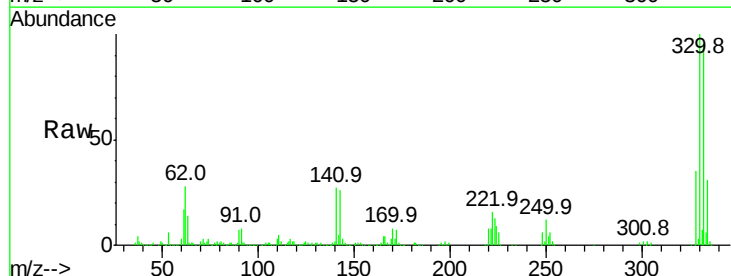
Ion 80.00 (79.70 to 80.70): BF0



#66
 4-Bromophenyl-phenylether
 Concen: 4.36 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.24 min
 Lab File: BF091867.D
 Acq: 22 Dec 2016 6:39

Tgt Ion:248 Resp: 50058

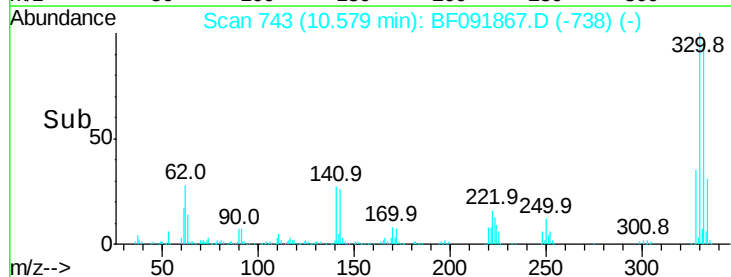
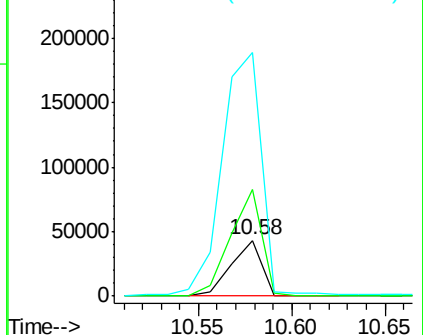
Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.9	115.3#
141	439.2	68.2	102.4#

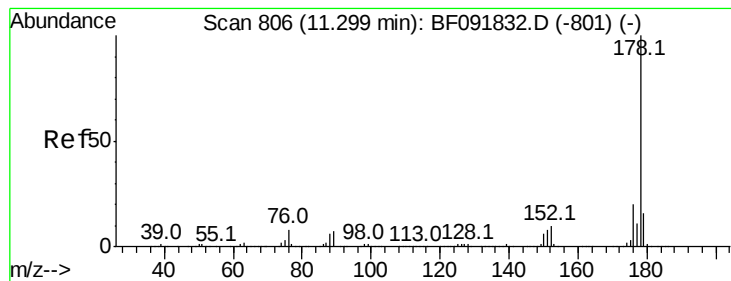


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 29.55 ng

RT: 11.29 min Scan# 805

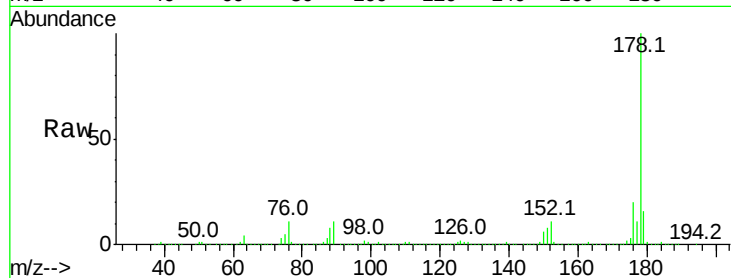
Delta R.T. -0.01 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

Tot Ion:178 Resp: 1768236

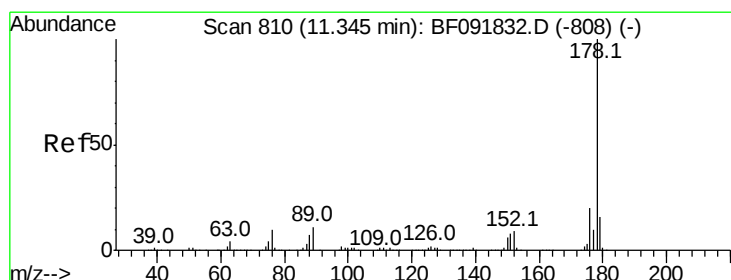
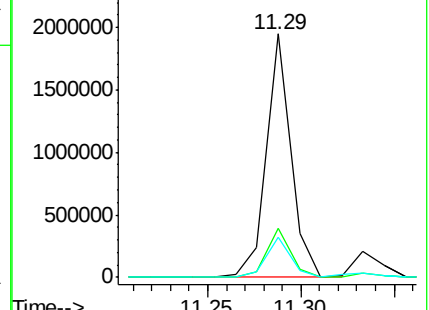
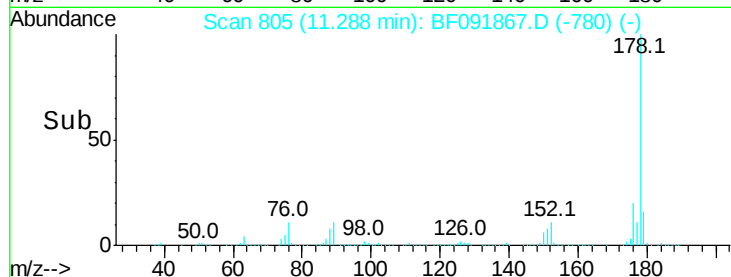
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	16.3	12.8	19.2



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



#71

Anthracene

Concen: 2.52 ng

RT: 11.33 min Scan# 809

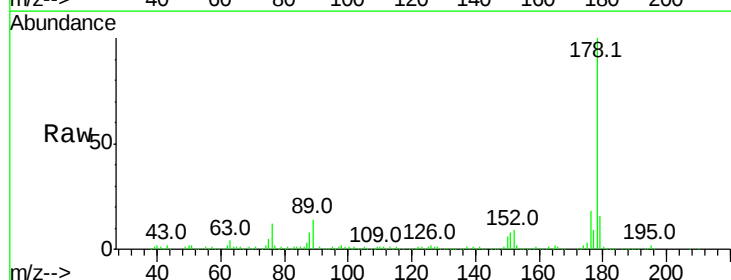
Delta R.T. -0.01 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

Tgt Ion:178 Resp: 211615

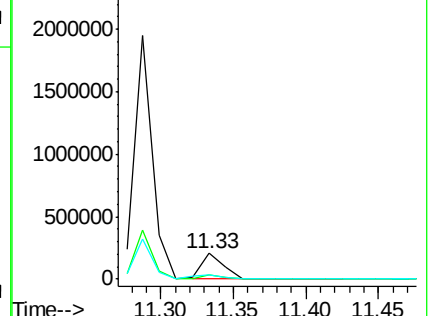
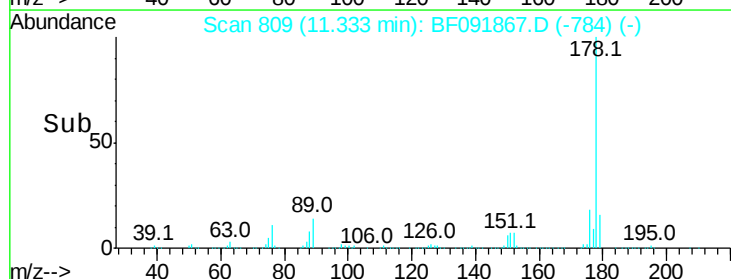
Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	16.3	13.2	19.8

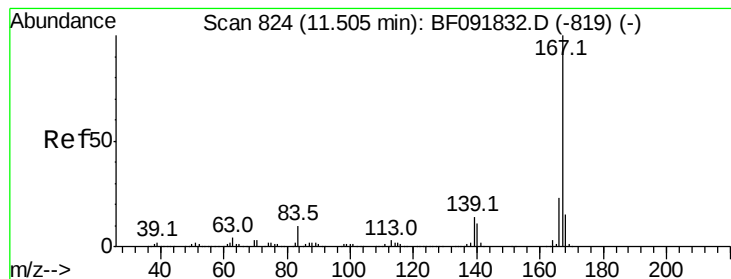


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.19 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

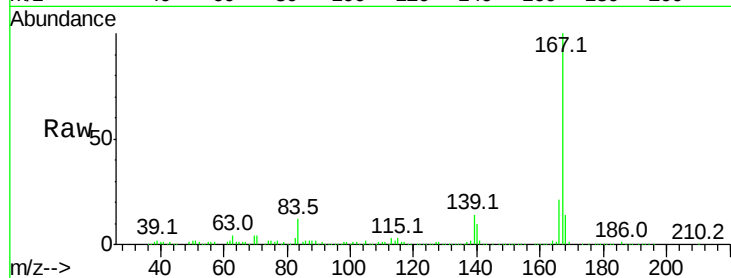
Tot Ion:167 Resp: 283853

Ion Ratio Lower Upper

167 100

166 20.8 18.2 27.2

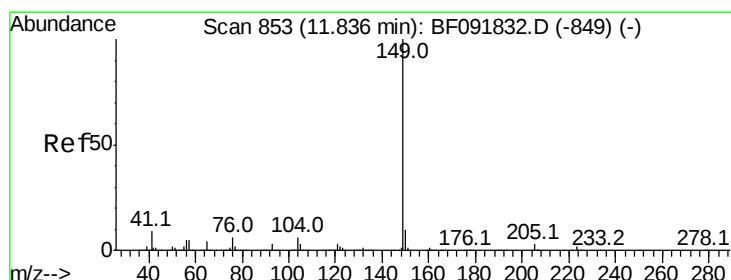
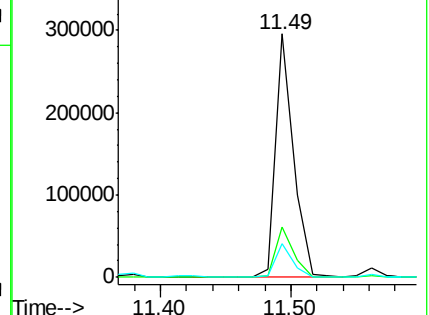
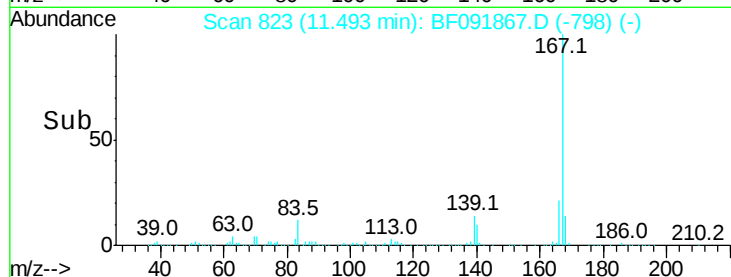
139 14.0 11.4 17.2



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

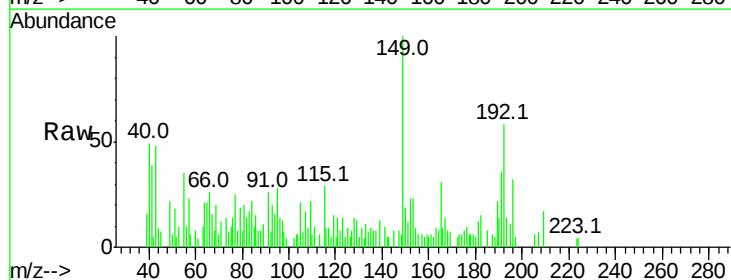
Tgt Ion:149 Resp: 7191

Ion Ratio Lower Upper

149 100

150 18.8 8.1 12.1#

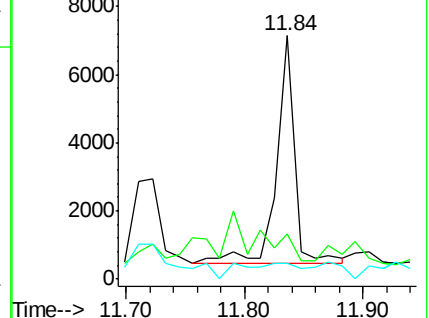
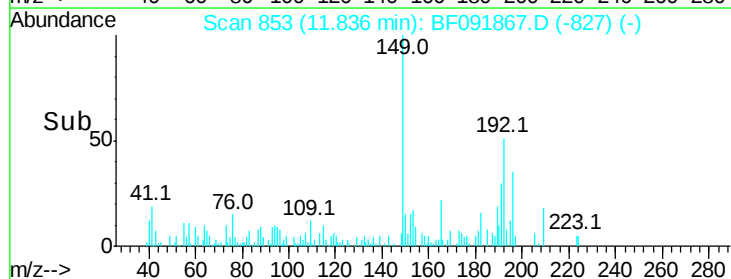
104 6.4 4.6 7.0

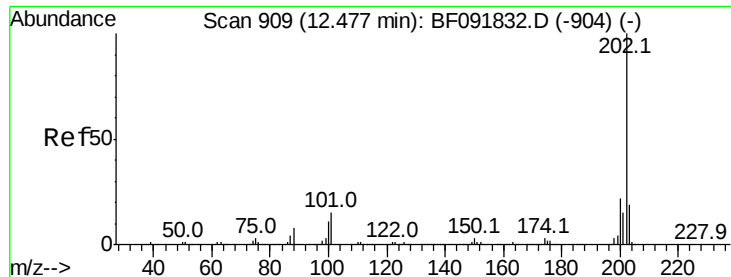


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

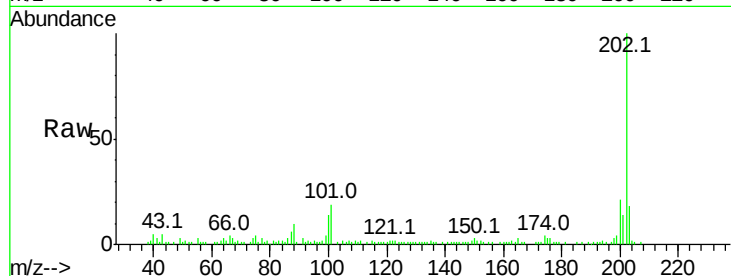
Tot Ion:202 Resp: 74815

Ion Ratio Lower Upper

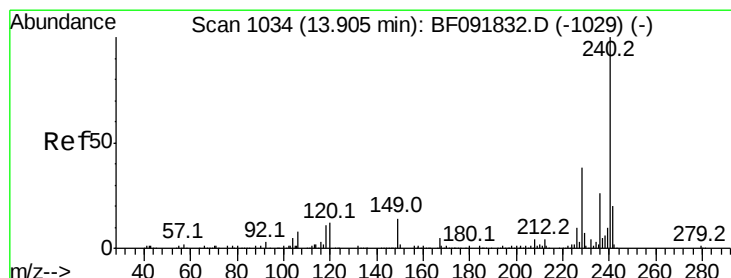
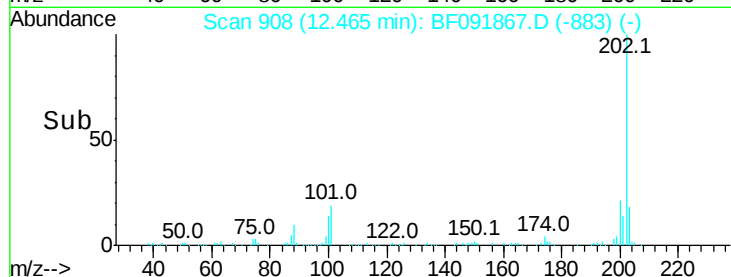
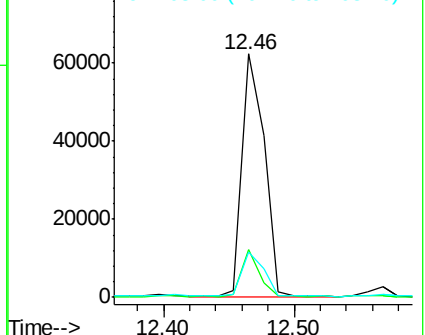
202 100

101 19.4 0.0 34.6

203 18.4 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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

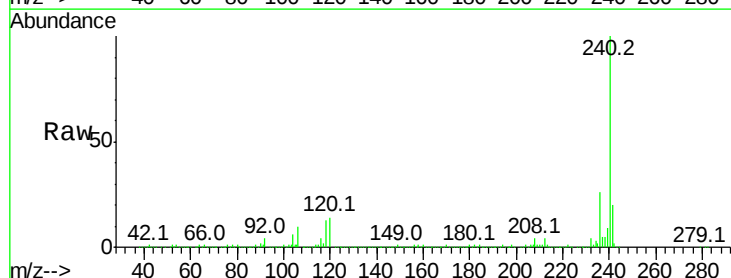
Tgt Ion:240 Resp: 884513

Ion Ratio Lower Upper

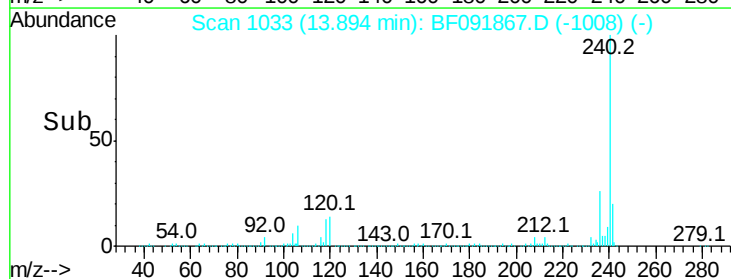
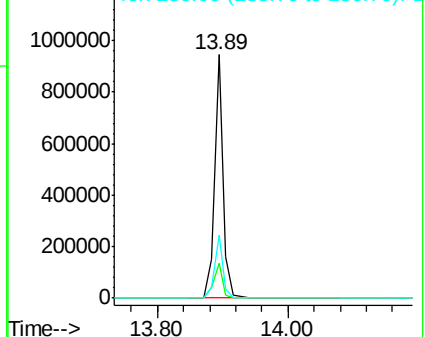
240 100

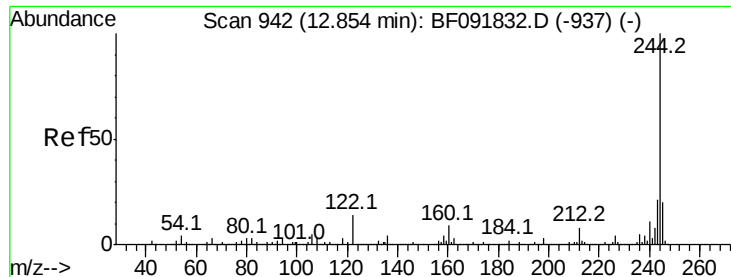
120 14.5 12.9 19.3

236 25.7 20.9 31.3



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





#78

Terphenyl-d14

Concen: 70.47 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091867.D

Acq: 22 Dec 2016 6:39

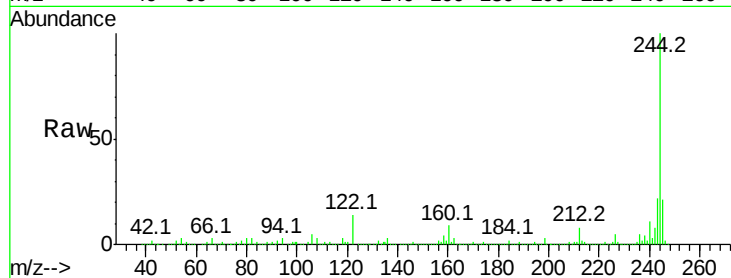
Tot Ion:244 Resp: 2570194

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

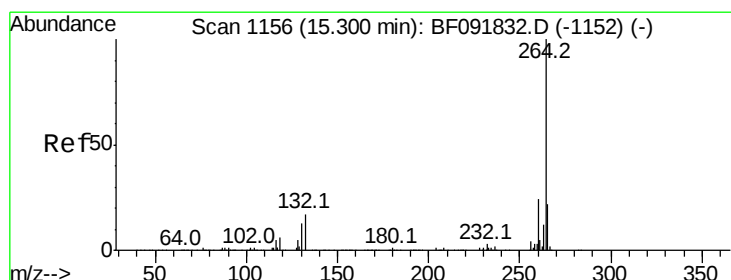
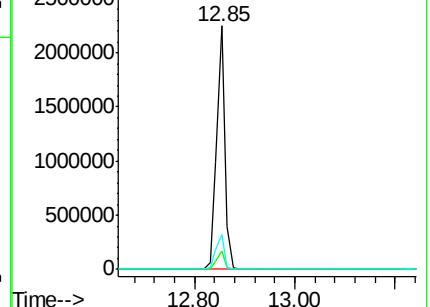
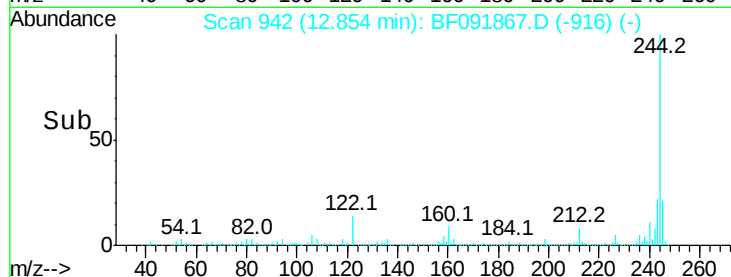
122 14.5 11.4 17.2



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: BF091867.D

Acq: 22 Dec 2016 6:39

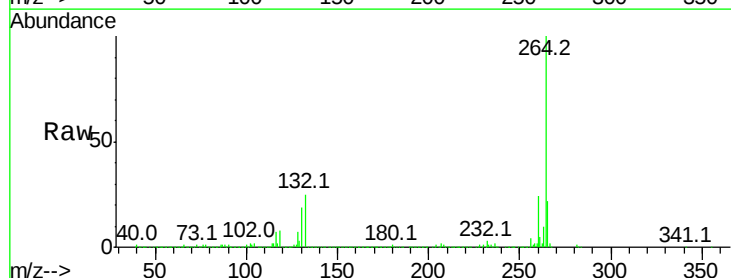
Tgt Ion:264 Resp: 713888

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 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

