

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111852.D
 Acq On : 4 Jan 2019 18:41
 Operator : JU/SJ
 Sample : K1040-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

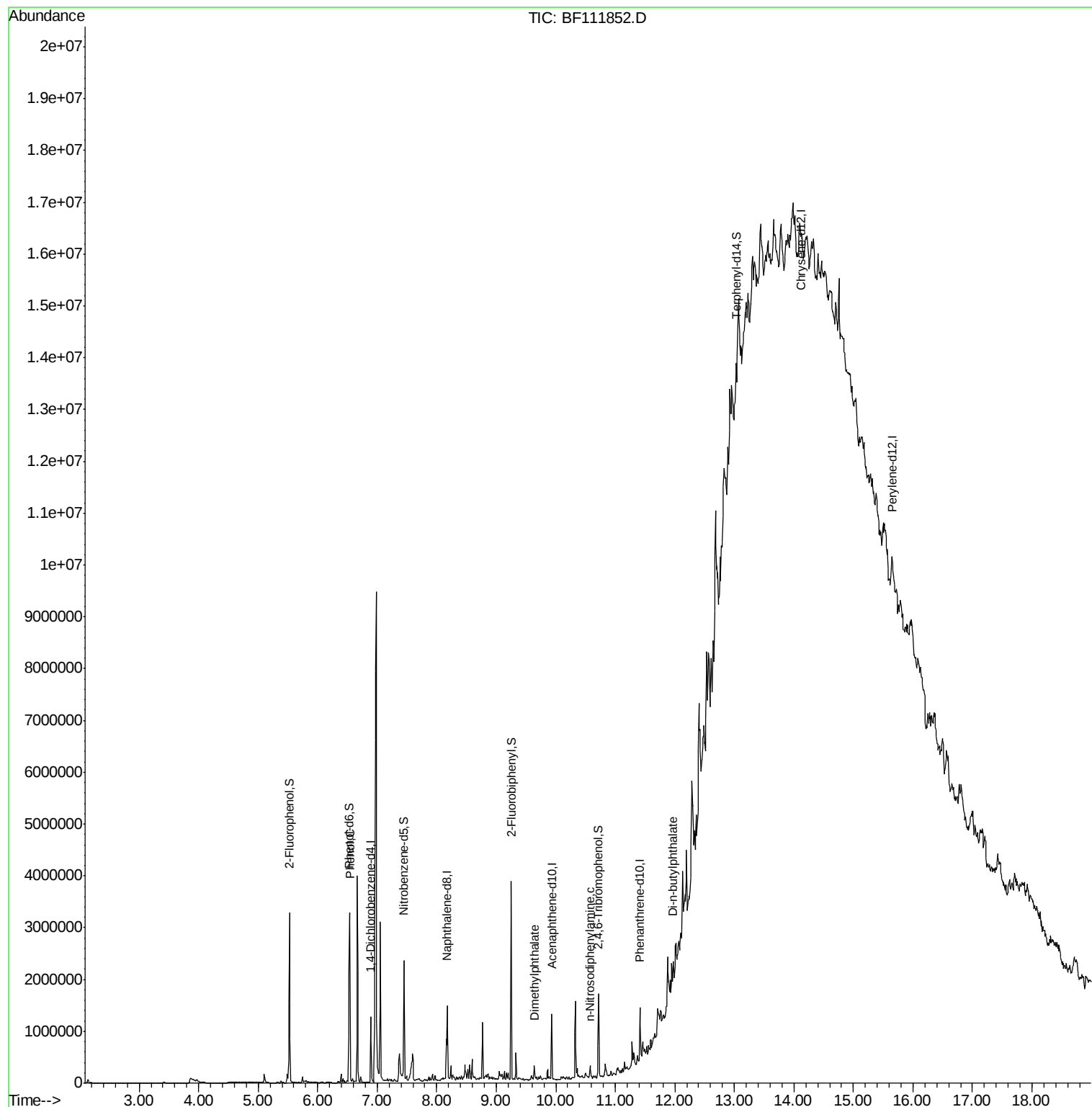
Quant Time: Jan 05 00:06:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163214	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	555757	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	246788	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	364707	20.00	ng	0.00
76) Chrysene-d12	14.13	240	175226	20.00	ng	0.08
87) Perylene-d12	15.64	264	176568	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	921258	96.21	ng	0.01
7) Phenol-d6	6.53	99	1188609	97.54	ng	0.01
23) Nitrobenzene-d5	7.45	82	689109	72.17	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	213330	73.16	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1117327	65.99	ng	0.00
79) Terphenyl-d14	13.03	244	739867	80.07	ng	0.03
Target Compounds						
10) Phenol	6.55	94	72062	5.241	ng	96
50) Dimethylphthalate	9.64	163	88899	4.926	ng	97
66) n-Nitrosodiphenylamine	10.58	169	38500	3.145	ng	97
74) Di-n-butylphthalate	11.97	149	74418	3.521	ng	# 93

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

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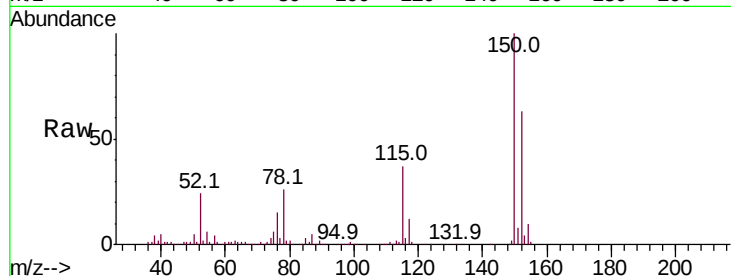




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111852.D
Acq: 4 Jan 2019 18:41

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	58.9	50.7	76.1

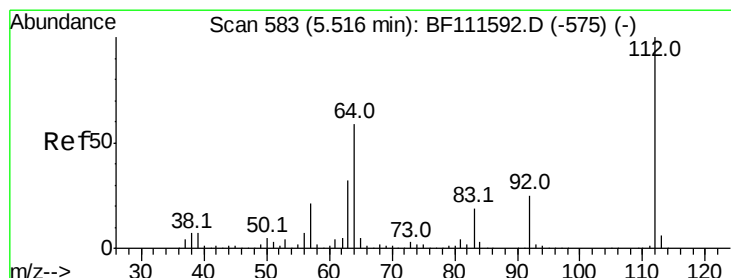
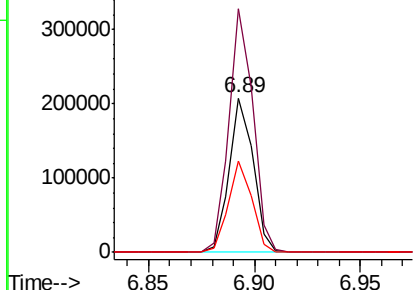
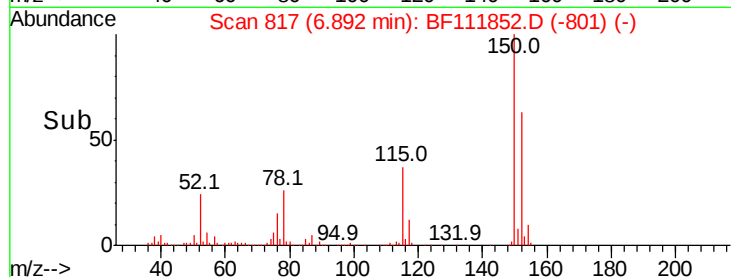


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

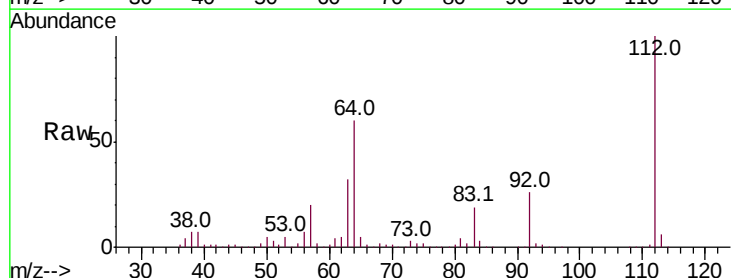
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.212 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111852.D
Acq: 4 Jan 2019 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	32.1	26.8	40.2

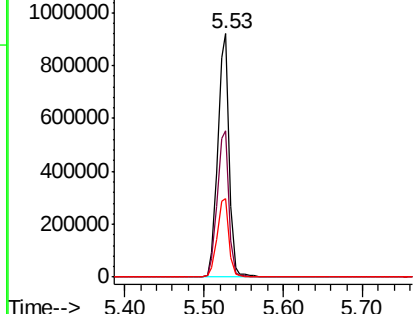
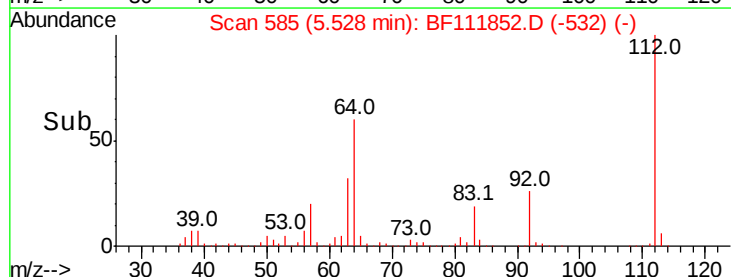


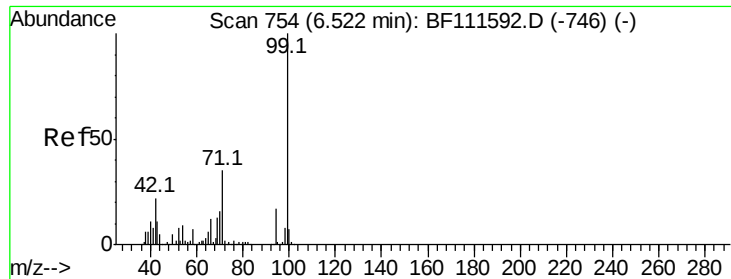
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.539 ng

RT: 6.53 min Scan# 756

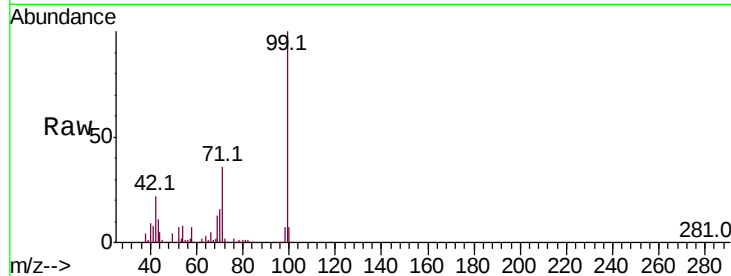
Delta R.T. 0.01 min

Lab File: BF111852.D

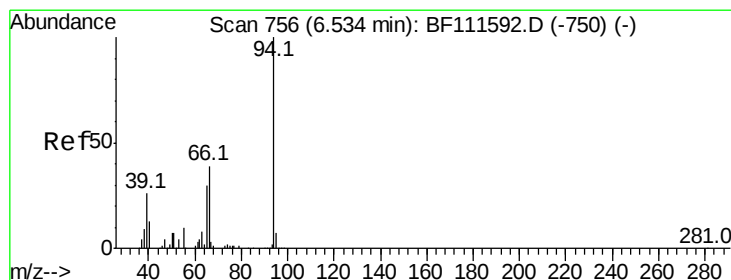
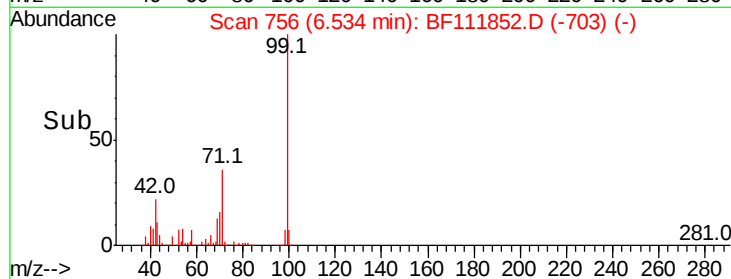
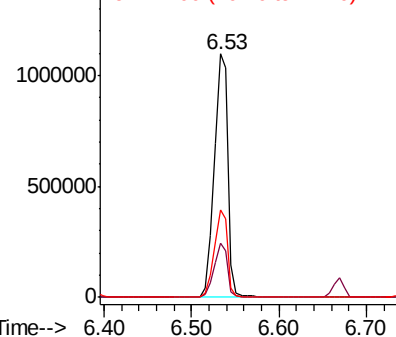
Acq: 4 Jan 2019 18:41

Tot Ion: 99 Resp: 1188609

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.4	26.0
71	36.0	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.241 ng

RT: 6.55 min Scan# 758

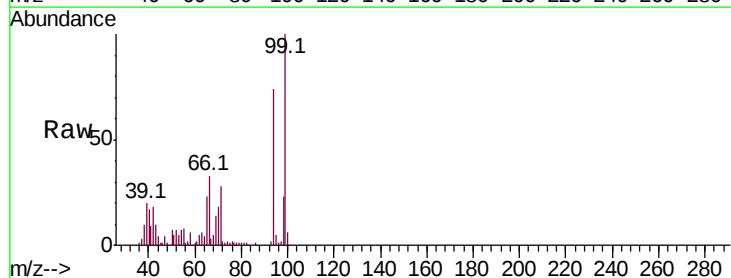
Delta R.T. 0.01 min

Lab File: BF111852.D

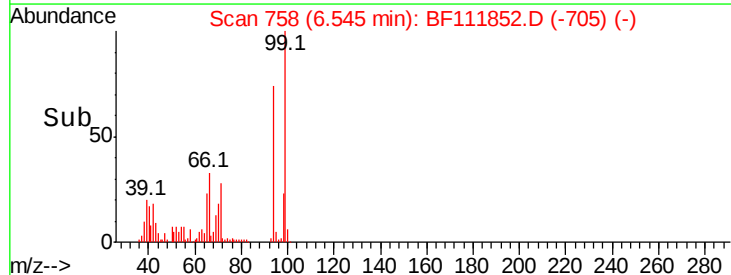
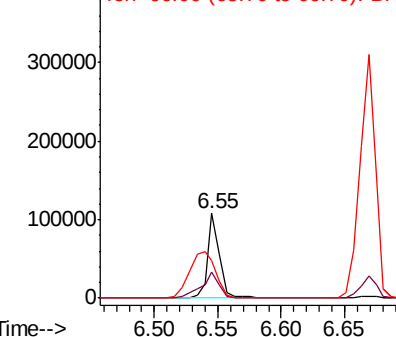
Acq: 4 Jan 2019 18:41

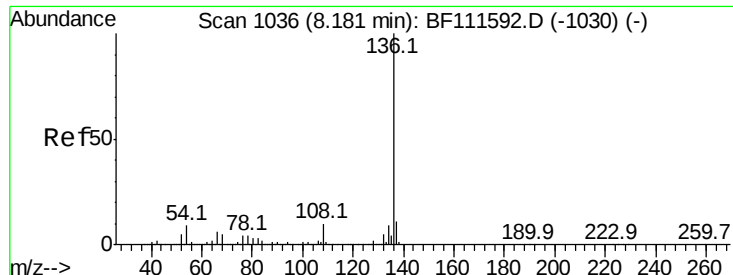
Tgt Ion: 94 Resp: 72062

Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.7	51.7
66	44.4	21.0	61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111852.D

Acq: 4 Jan 2019 18:41

Tot Ion:136 Resp: 555757

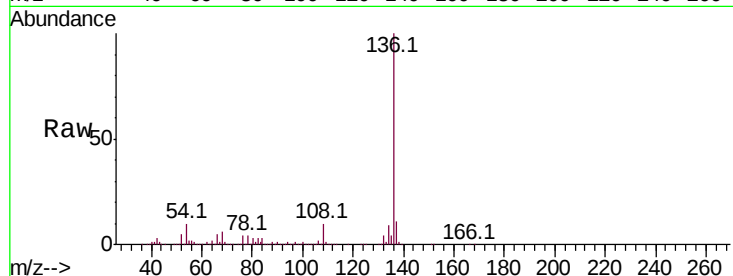
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.6 7.7 11.5

68 6.0 4.9 7.3

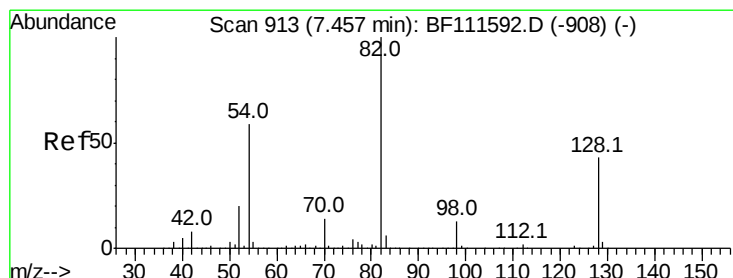
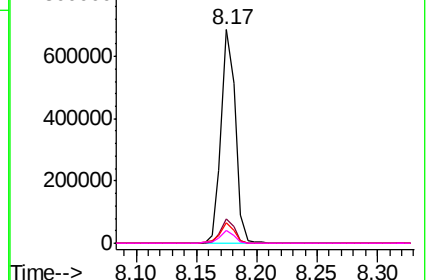
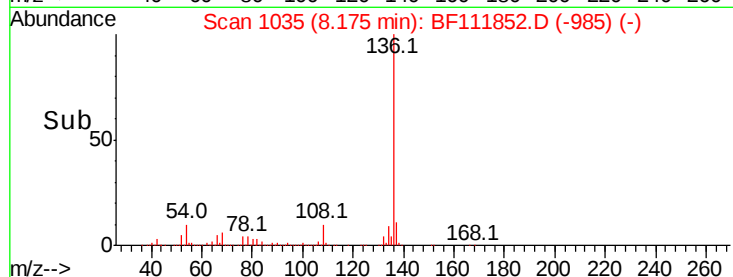


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 72.174 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111852.D

Acq: 4 Jan 2019 18:41

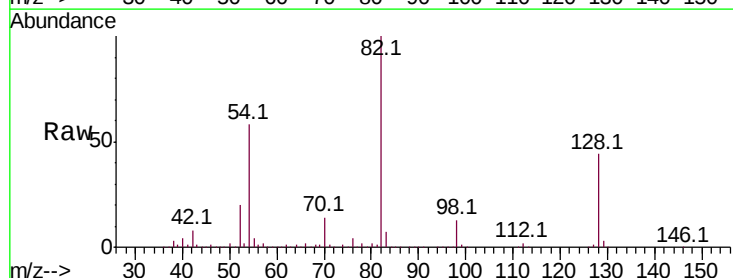
Tgt Ion: 82 Resp: 689109

Ion Ratio Lower Upper

82 100

128 43.6 37.4 56.2

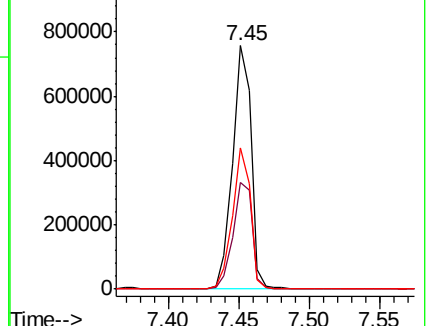
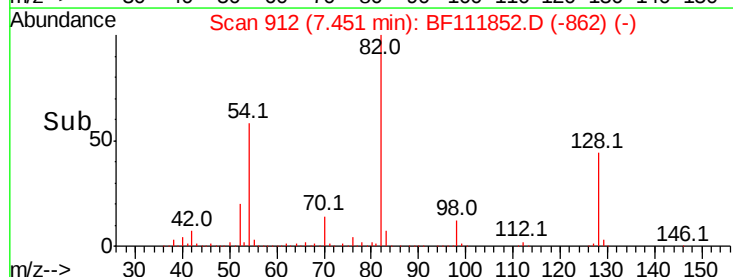
54 58.1 47.6 71.4

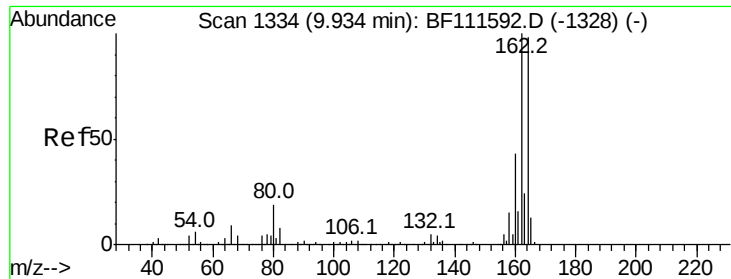


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

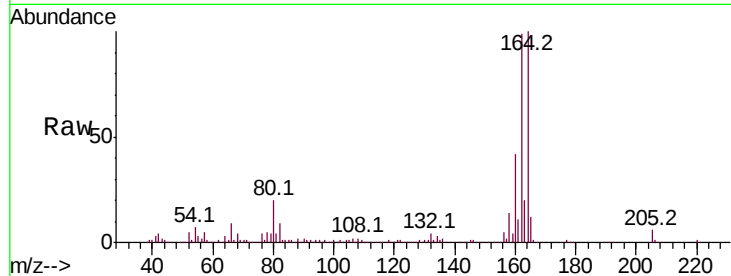
Ion 54.00 (53.70 to 54.70): BF1



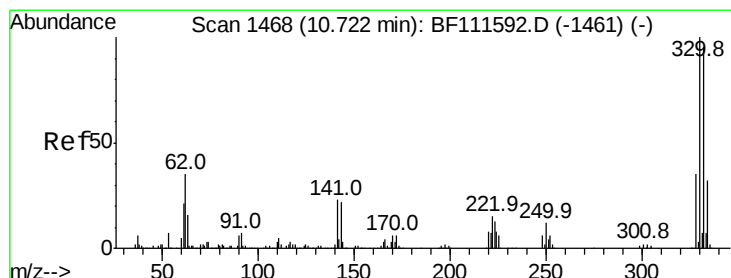
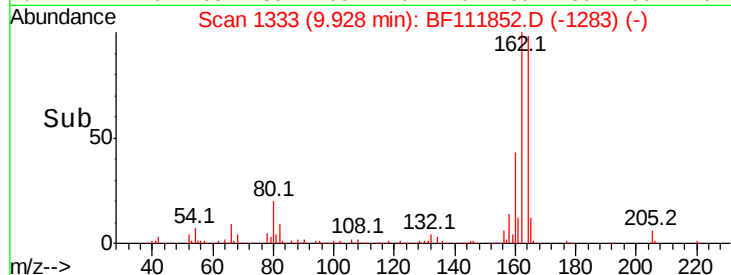
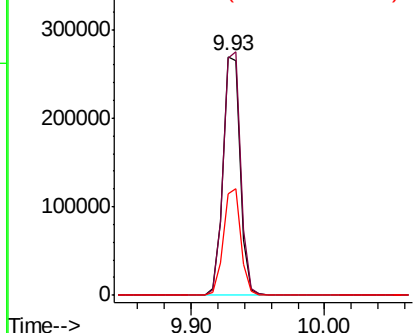


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111852.D
Acq: 4 Jan 2019 18:41

Tot Ion:164 Resp: 246788
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 42.5 35.7 53.5

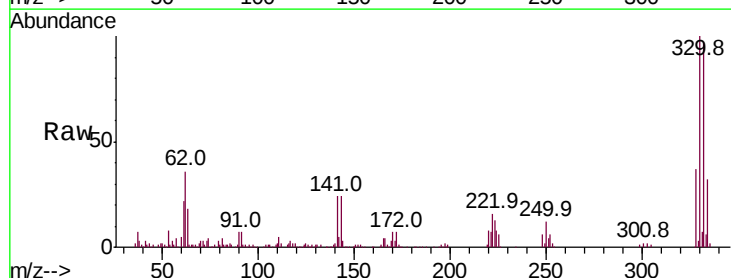


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

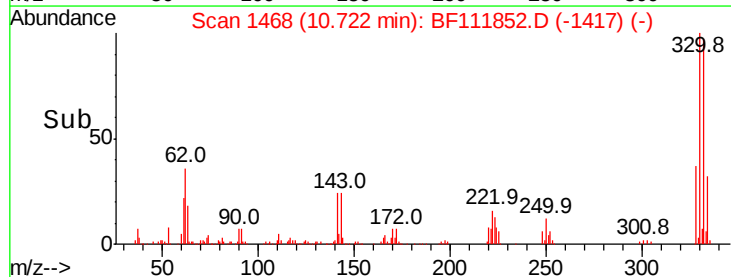
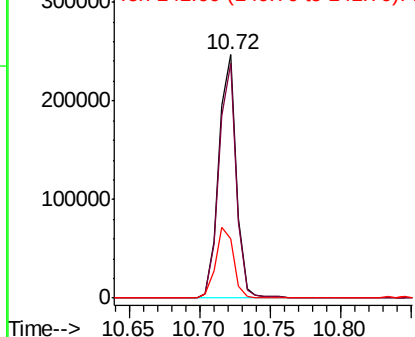


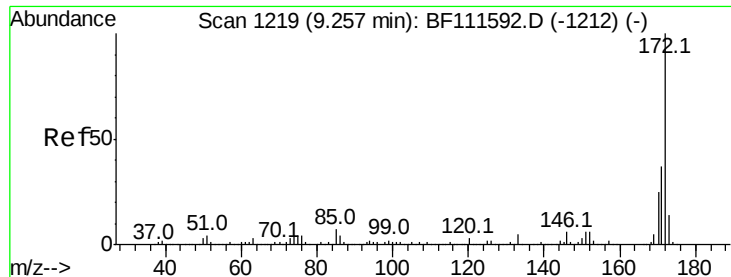
#42
2,4,6-Tribromophenol
Concen: 73.159 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111852.D
Acq: 4 Jan 2019 18:41

Tgt Ion:330 Resp: 213330
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 30.8 31.0 46.6#



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

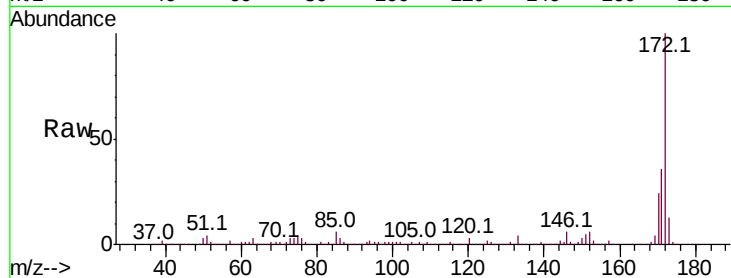




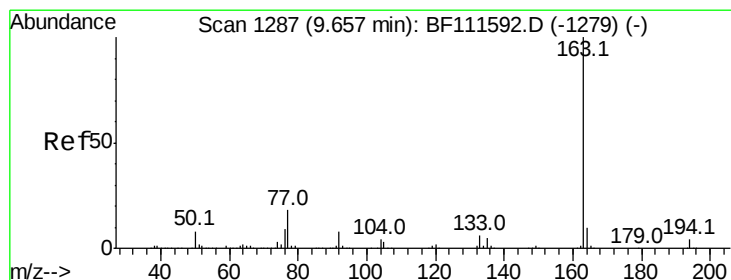
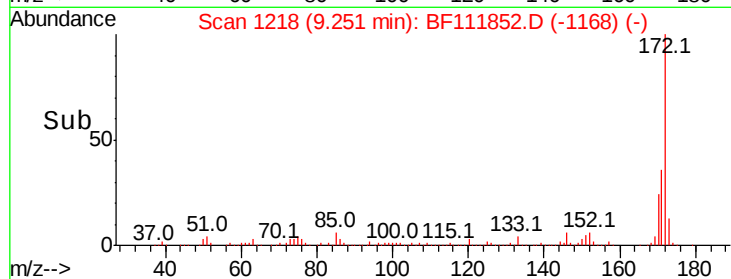
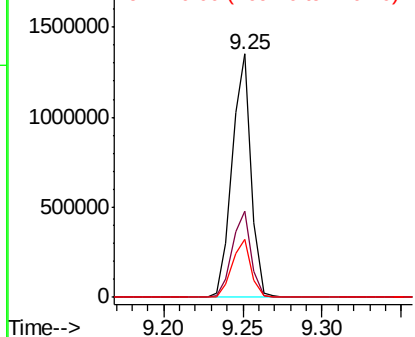
#45
2-Fluorobiphenyl
Concen: 65.991 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111852.D
Acq: 4 Jan 2019 18:41

Tot Ion:172 Resp: 1117327

Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	23.7	22.3	33.5



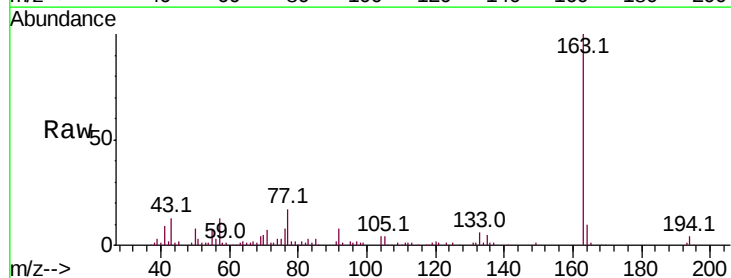
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



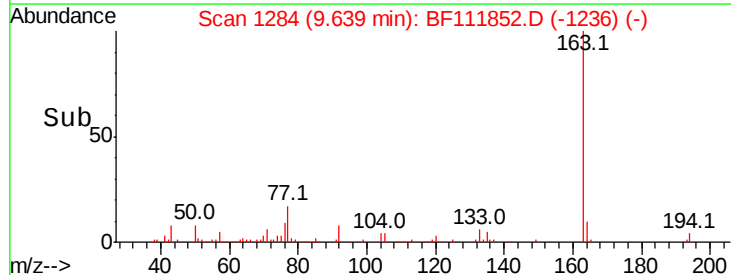
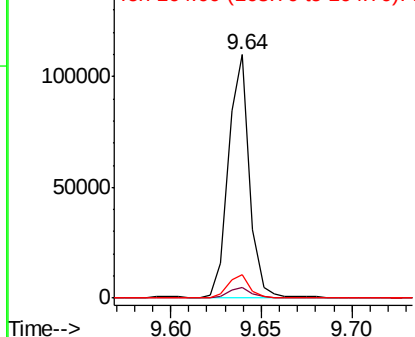
#50
Dimethylphthalate
Concen: 4.926 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111852.D
Acq: 4 Jan 2019 18:41

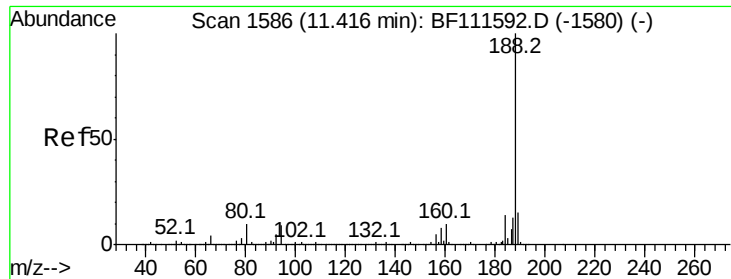
Tgt Ion:163 Resp: 88899

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.9	13.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

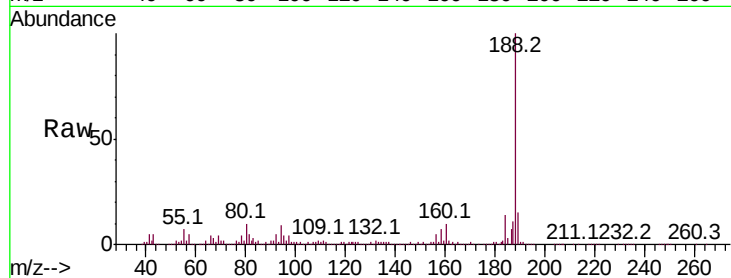
Delta R.T. -0.00 min

Lab File: BF111852.D

Acq: 4 Jan 2019 18:41

Tot Ion:188 Resp: 364707

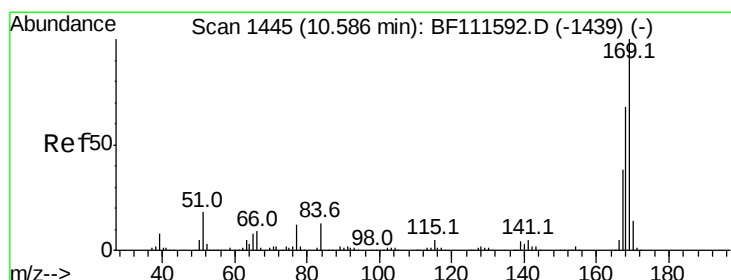
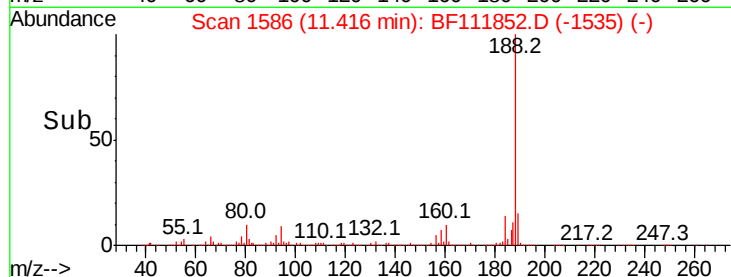
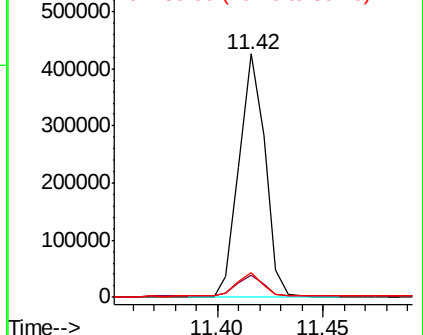
Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.6	14.4#
80	10.0	9.8	14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 3.145 ng

RT: 10.58 min Scan# 1444

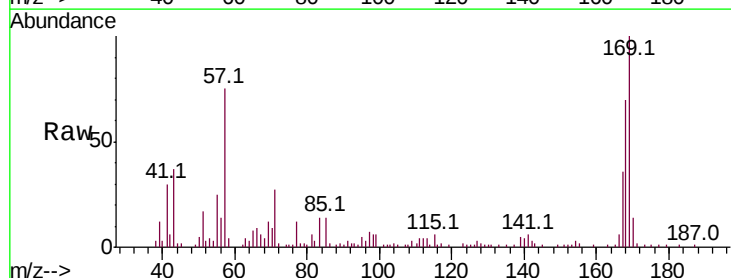
Delta R.T. -0.01 min

Lab File: BF111852.D

Acq: 4 Jan 2019 18:41

Tgt Ion:169 Resp: 38500

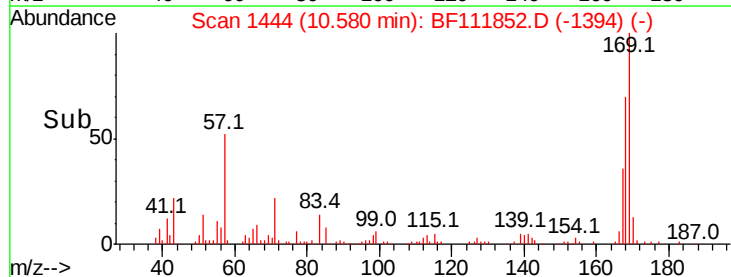
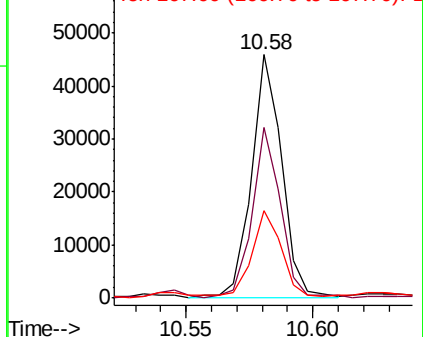
Ion	Ratio	Lower	Upper
169	100		
168	70.1	54.4	81.6
167	35.8	30.5	45.7

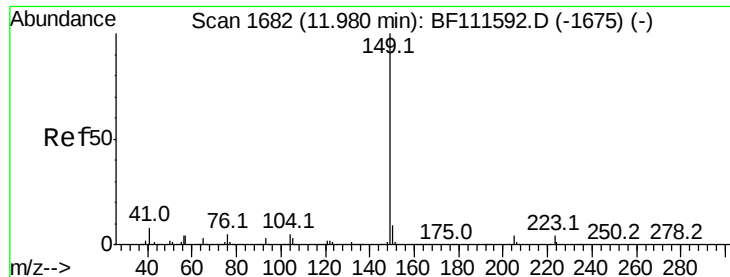


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#74

Di-n-butylphthalate

Concen: 3.521 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF111852.D

Acq: 4 Jan 2019 18:41

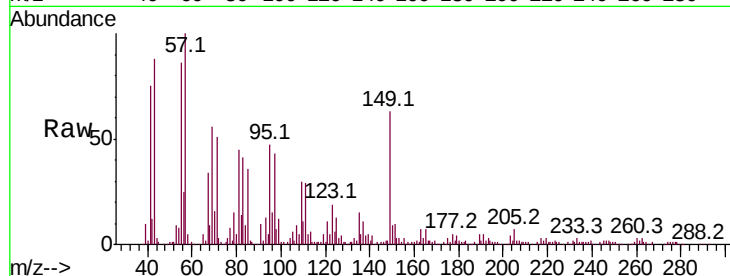
Tot Ion:149 Resp: 74418

Ion Ratio Lower Upper

149 100

150 14.4 8.8 13.2#

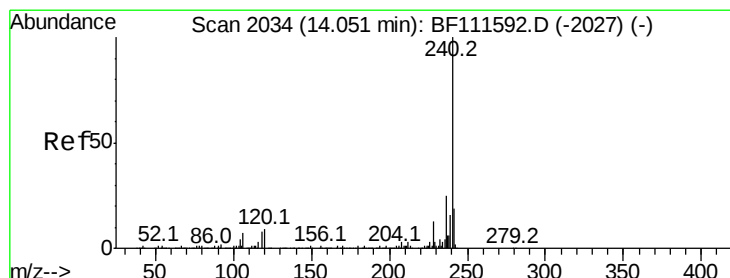
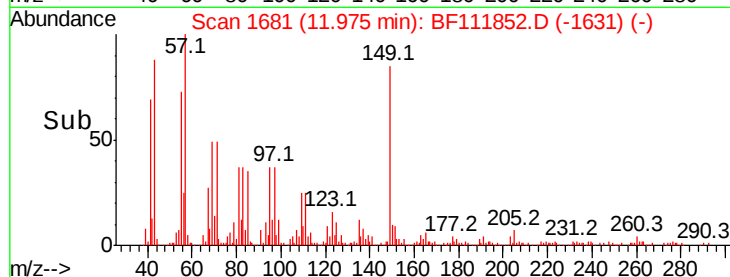
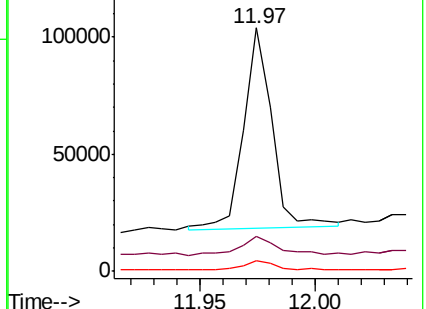
104 4.4 4.5 6.7#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.08 min

Lab File: BF111852.D

Acq: 4 Jan 2019 18:41

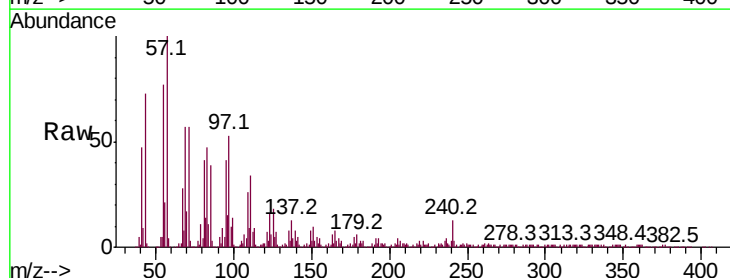
Tgt Ion:240 Resp: 175226

Ion Ratio Lower Upper

240 100

120 13.7 12.2 18.2

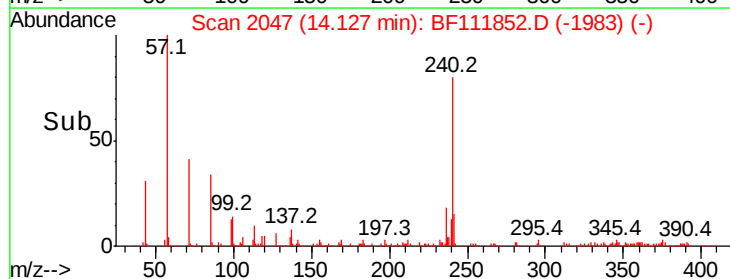
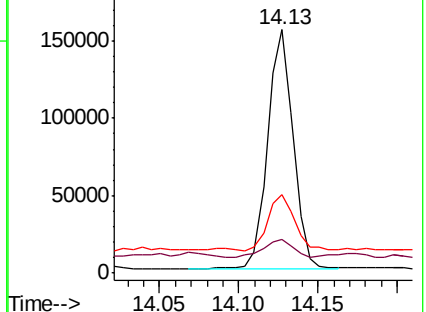
236 32.0 20.2 30.2#

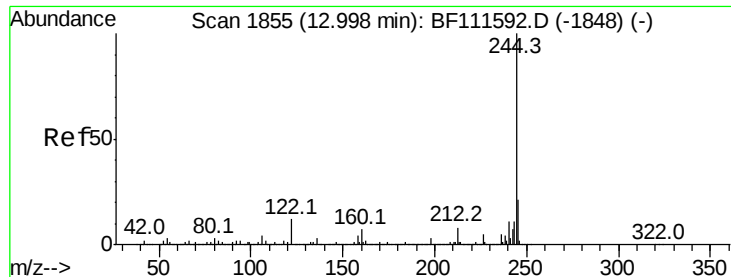


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

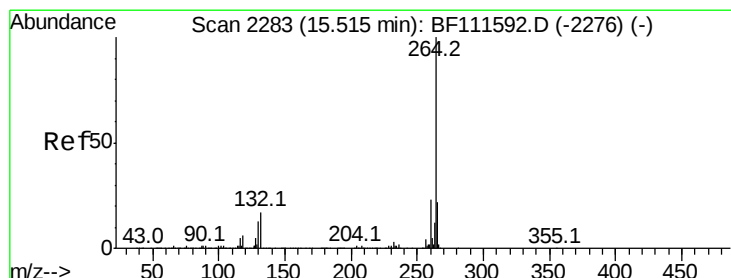
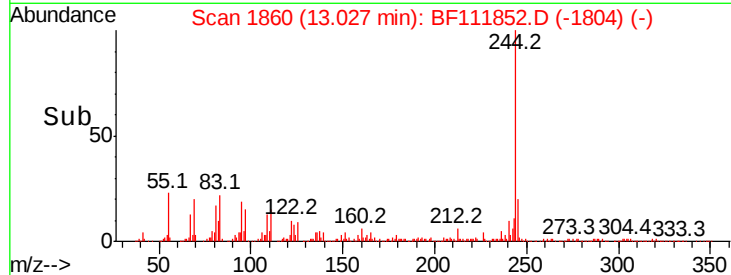
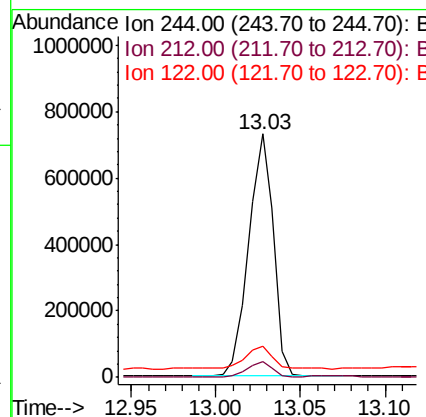
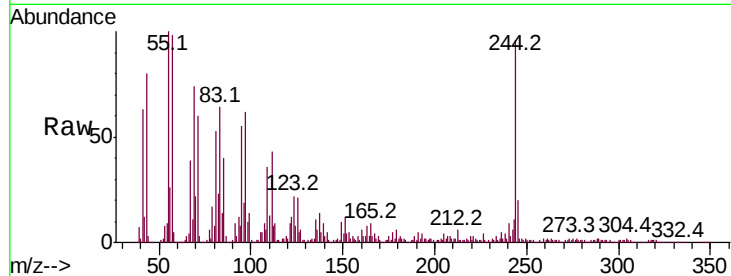
Ion 236.00 (235.70 to 236.70): E





#79
 Terphenyl-d14
 Concen: 80.074 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.03 min
 Lab File: BF111852.D
 Acq: 4 Jan 2019 18:41

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	12.9	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.64 min Scan# 2305
 Delta R.T. 0.13 min
 Lab File: BF111852.D
 Acq: 4 Jan 2019 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	23.9	17.7	26.5

