

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095491.D
 Acq On : 27 May 2017 8:43
 Operator : SJ/MA
 Sample : I3365-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

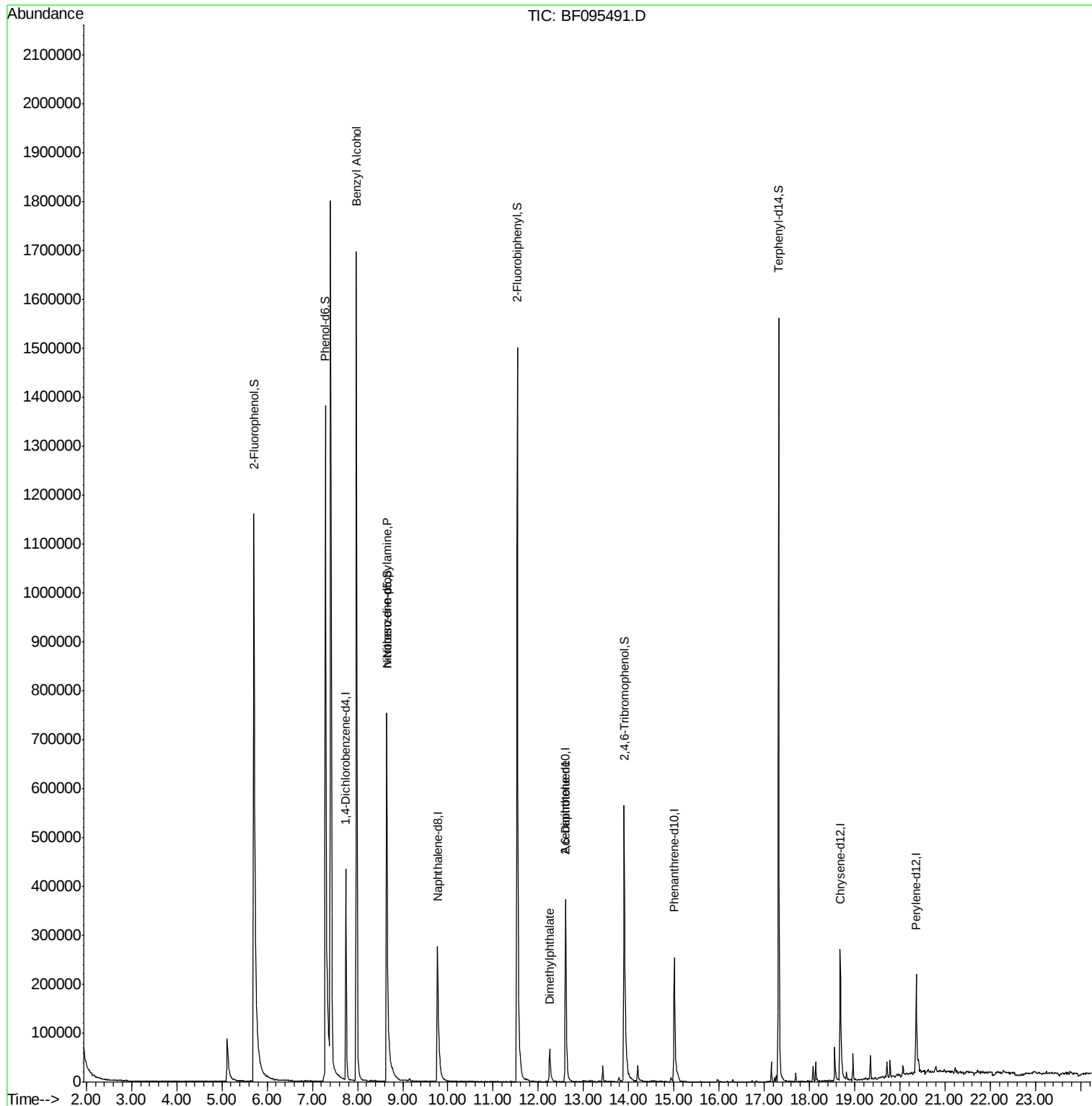
Quant Time: May 28 23:03:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

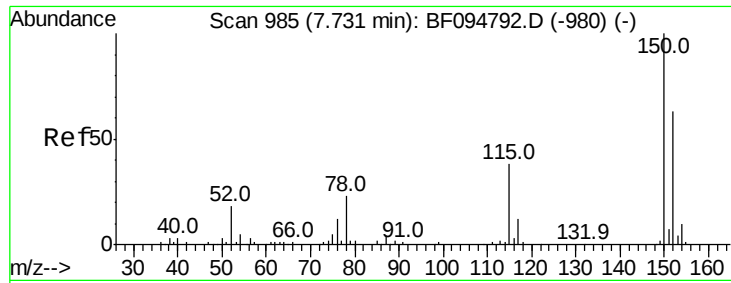
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	96546	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	355693	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	152508	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	224523	20.00	ng	0.00
75) Chrysene-d12	18.68	240	177956	20.00	ng	0.00
86) Perylene-d12	20.36	264	128177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	882821	152.45	ng	0.00
7) Phenol-d6	7.29	99	1023250	147.27	ng	0.00
23) Nitrobenzene-d5	8.65	82	564991	100.16	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	149109	119.38	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1011830	95.49	ng	0.00
78) Terphenyl-d14	17.32	244	659083	81.57	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.98	79	9864	2.21	ng	# 45
19) n-Nitroso-di-n-propylamine	8.65	70	64804	13.79	ng	# 74
49) Dimethylphthalate	12.25	163	73992	5.91	ng	100
50) 2,6-Dinitrotoluene	12.60	165	16946	6.63	ng	# 31

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

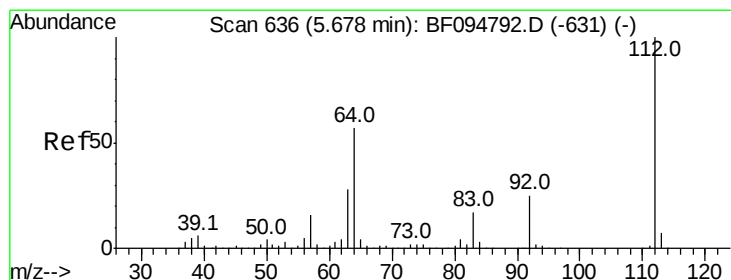
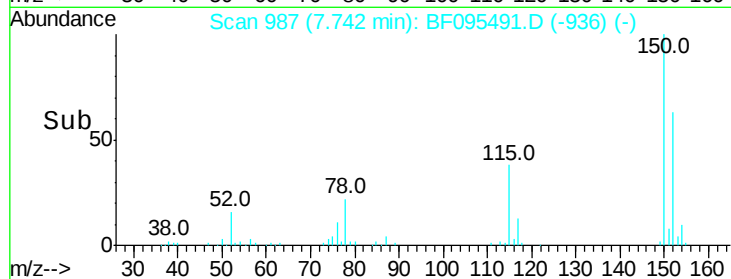
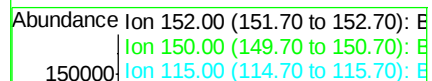
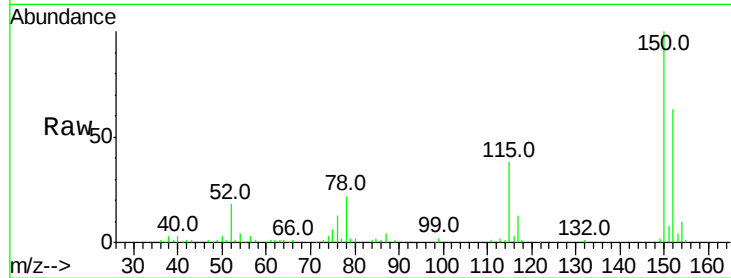
Tot Ion:152 Resp: 96546

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

115 61.0 52.2 78.2



#5

2-Fluorophenol

Concen: 152.45 ng

RT: 5.71 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

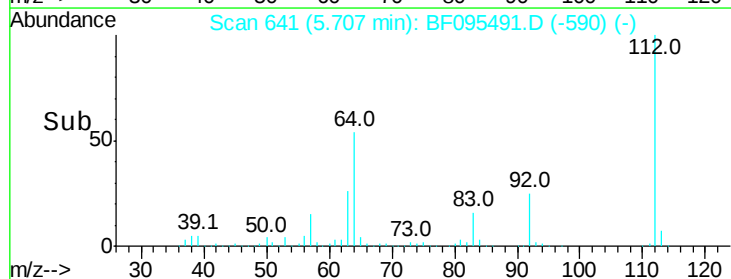
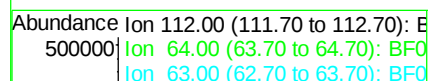
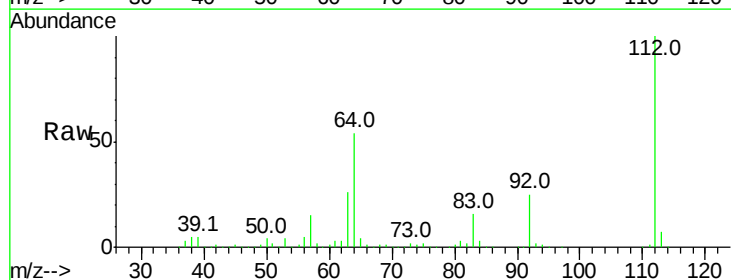
Tgt Ion:112 Resp: 882821

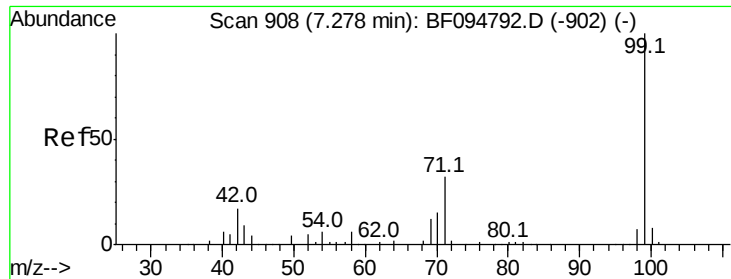
Ion Ratio Lower Upper

112 100

64 54.2 46.0 69.0

63 26.4 23.4 35.0





#7

Phenol-d6

Concen: 147.27 ng

RT: 7.29 min Scan# 910

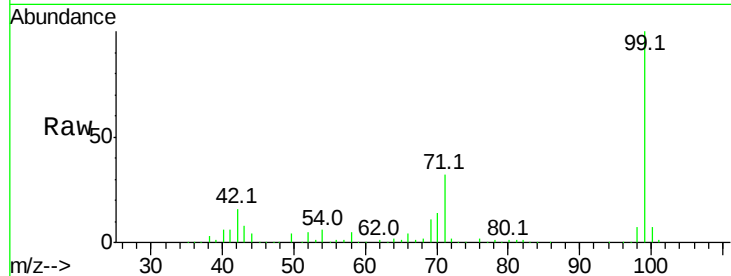
Delta R.T. -0.01 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

Tot Ion: 99 Resp: 1023250

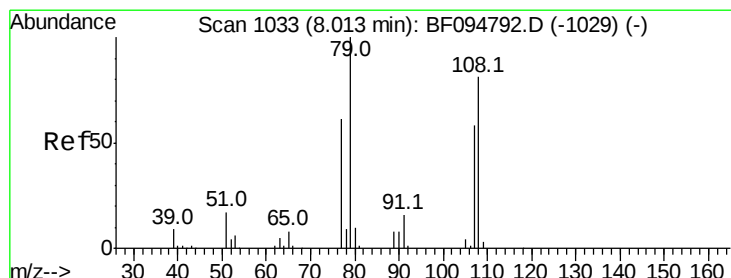
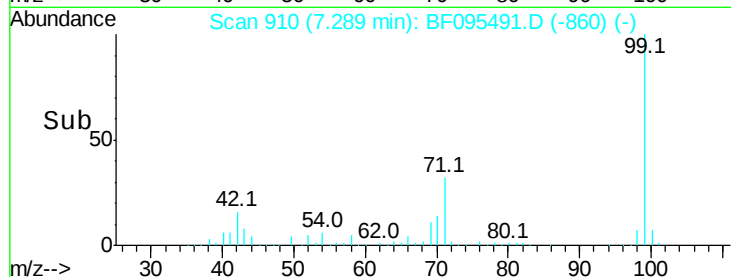
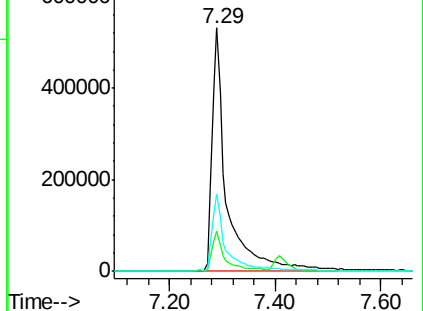
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	31.6	24.5	36.7



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



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 7.98 min Scan# 1027

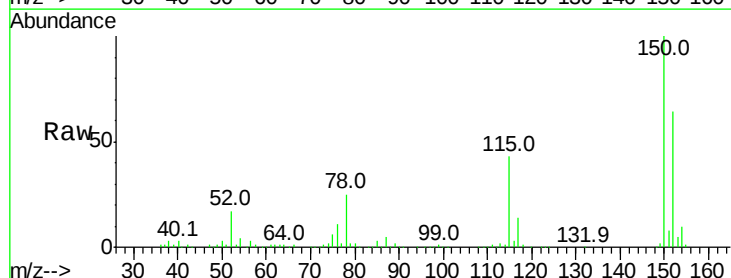
Delta R.T. -0.06 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

Tgt Ion: 79 Resp: 9864

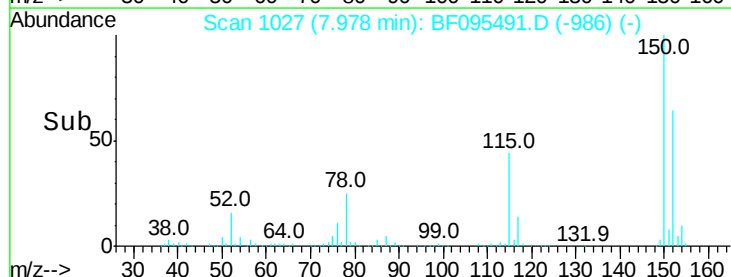
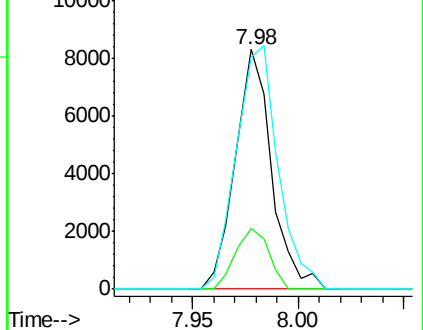
Ion	Ratio	Lower	Upper
79	100		
108	25.2	63.4	95.0#
77	96.7	49.2	73.8#

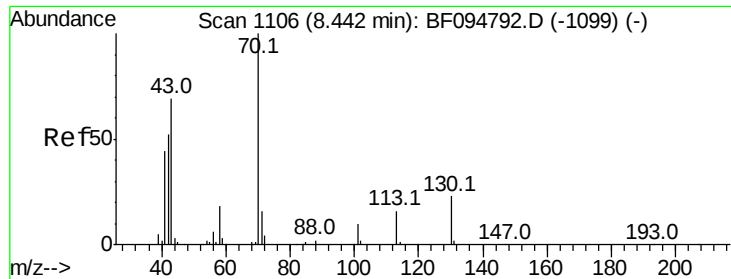


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.79 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.19 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

Tot Ion: 70 Resp: 64804

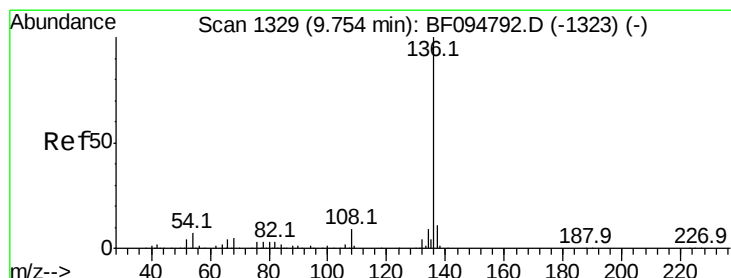
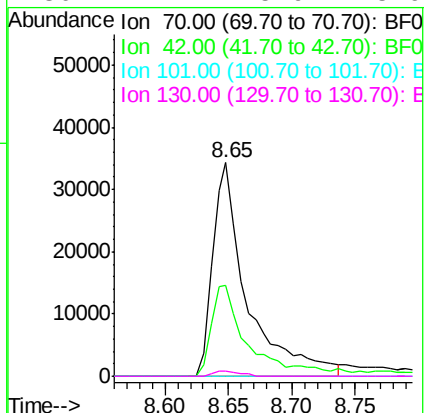
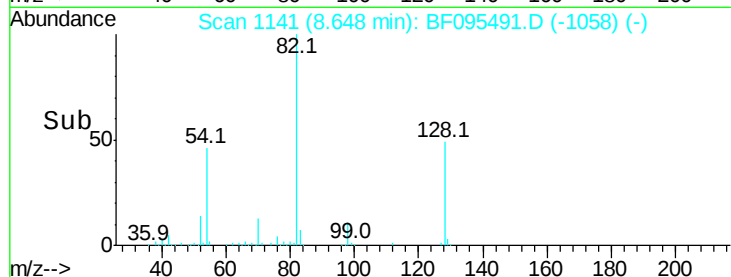
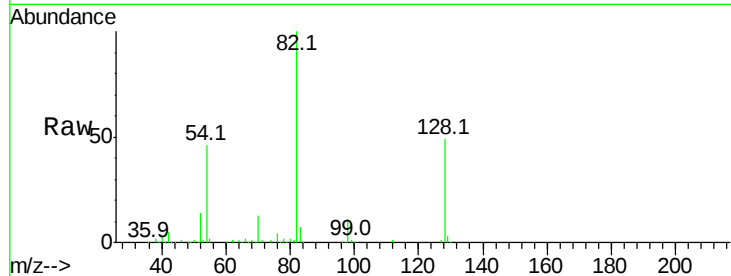
Ion Ratio Lower Upper

70 100

42 42.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

Tgt Ion: 136 Resp: 355693

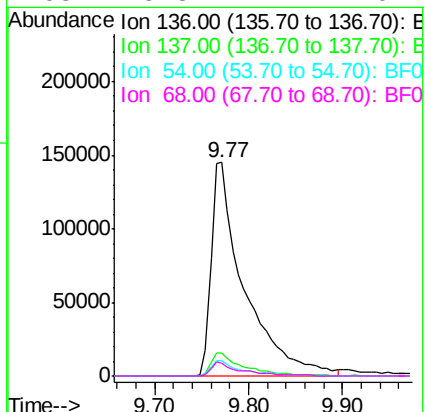
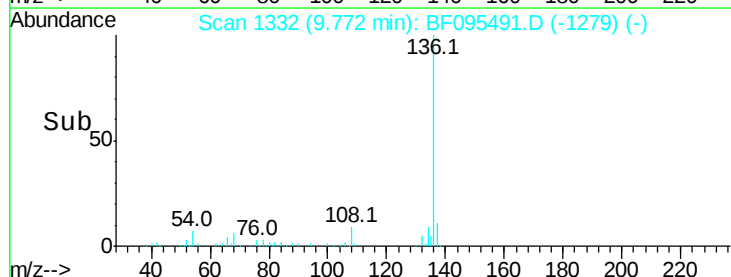
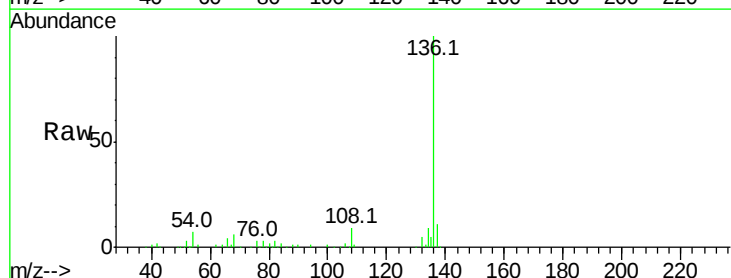
Ion Ratio Lower Upper

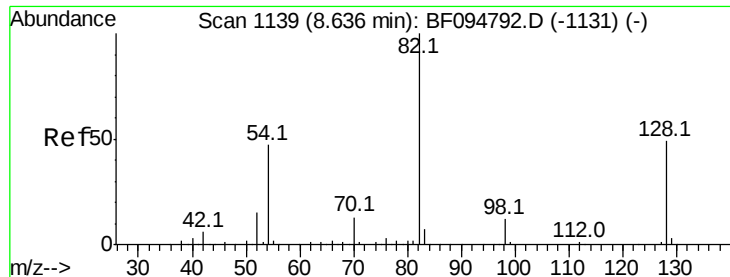
136 100

137 10.8 8.5 12.7

54 7.3 4.9 7.3#

68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 100.16 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

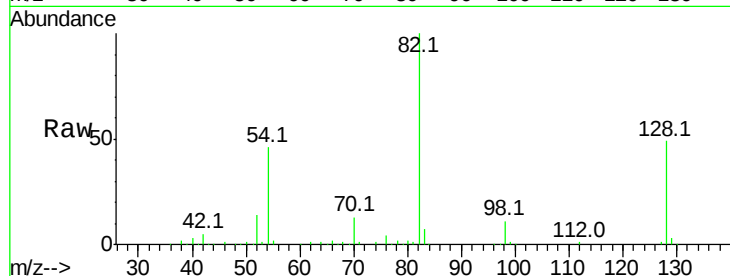
Tot Ion: 82 Resp: 564991

Ion Ratio Lower Upper

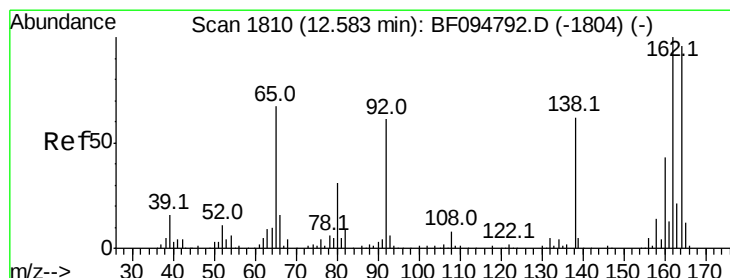
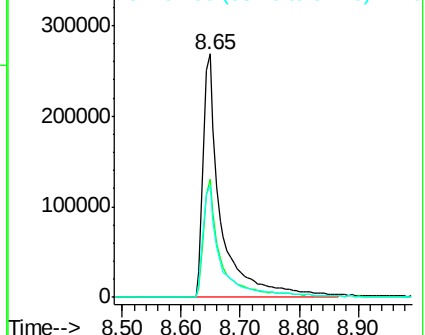
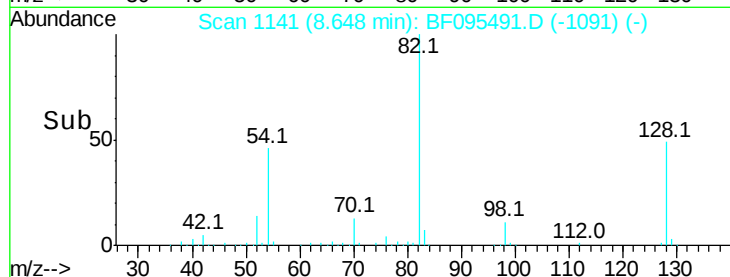
82 100

128 48.7 34.0 51.0

54 46.2 42.2 63.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

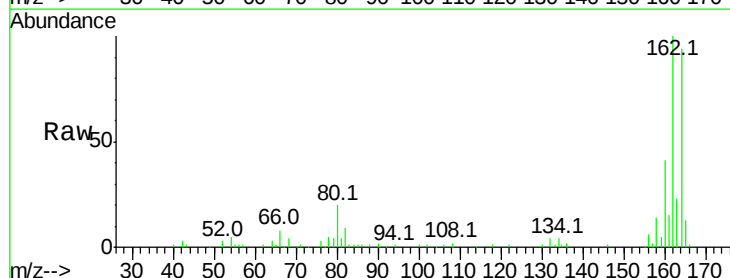
Tgt Ion:164 Resp: 152508

Ion Ratio Lower Upper

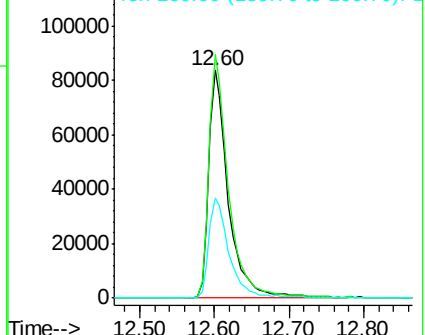
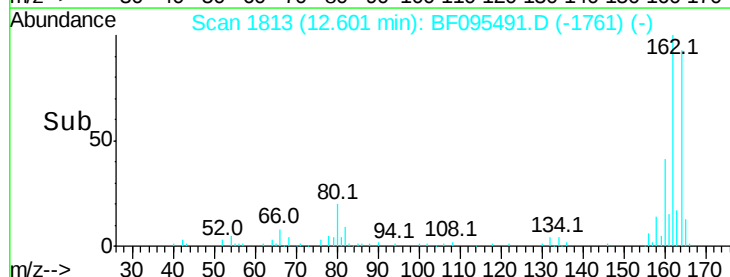
164 100

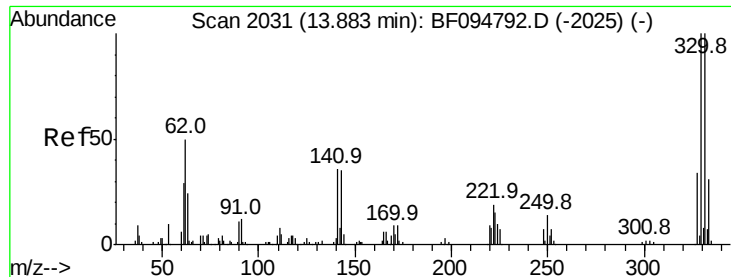
162 106.7 82.6 123.8

160 44.1 36.2 54.2



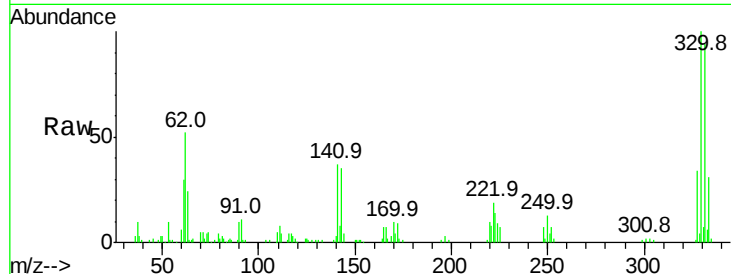
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



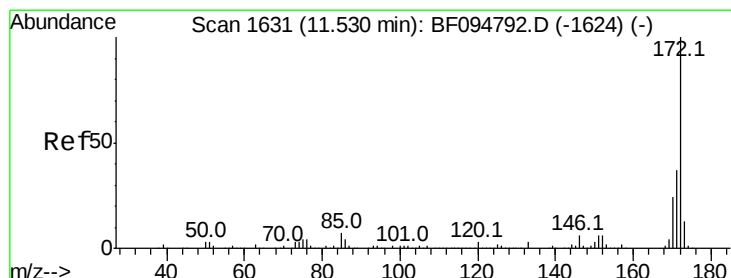
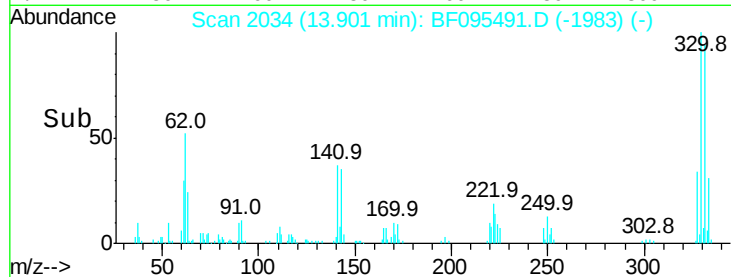
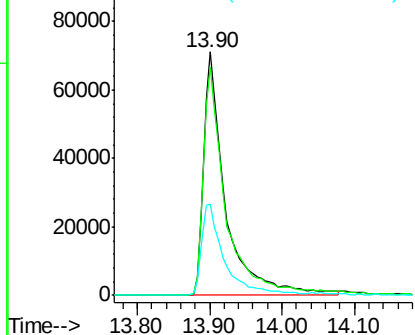


#41
 2,4,6-Tribromophenol
 Concen: 119.38 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095491.D
 Acq: 27 May 2017 8:43

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	39.0	31.4	47.2

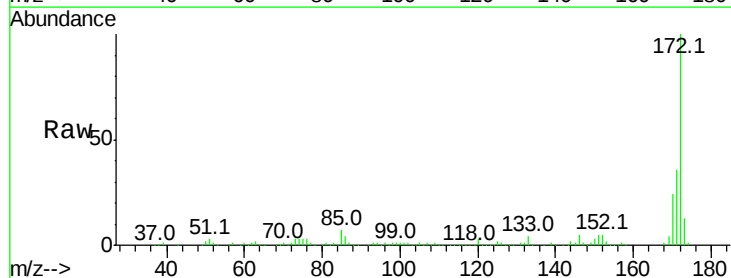


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

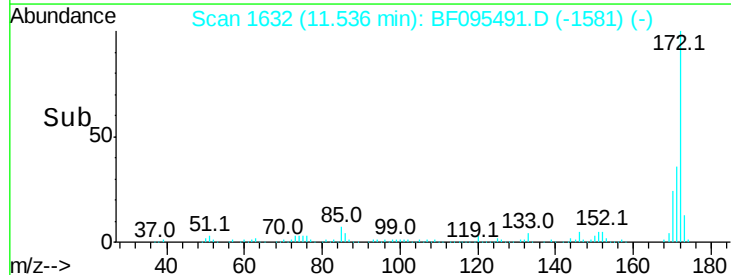
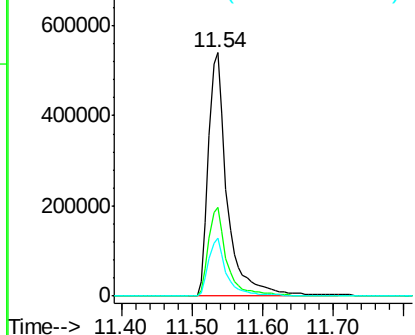


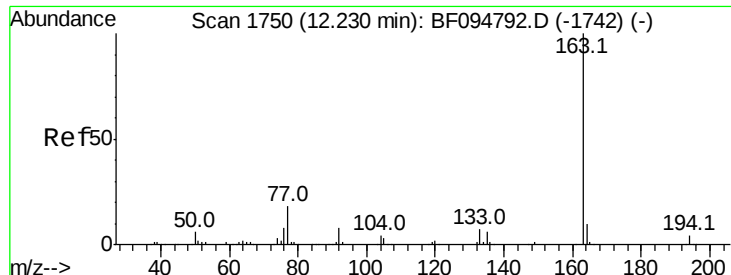
#44
 2-Fluorobiphenyl
 Concen: 95.49 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095491.D
 Acq: 27 May 2017 8:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.6	19.8	29.8



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





#49

Dimethylphthalate

Concen: 5.91 ng

RT: 12.25 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

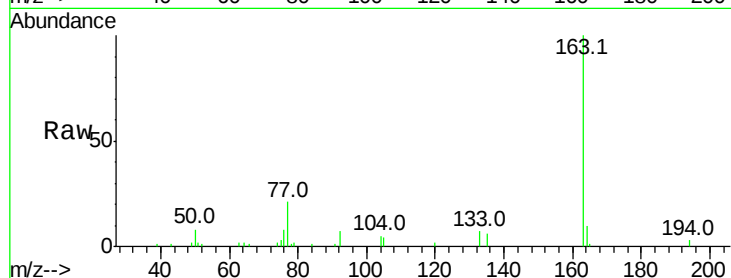
Tot Ion:163 Resp: 73992

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

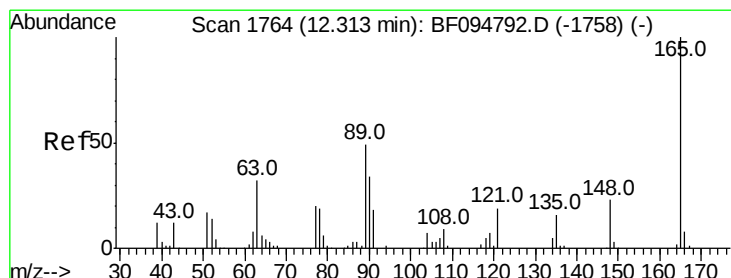
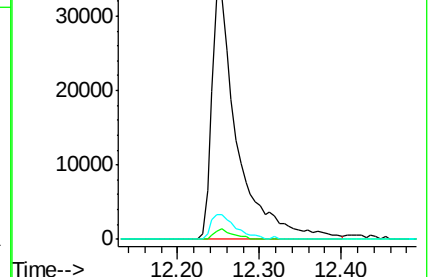
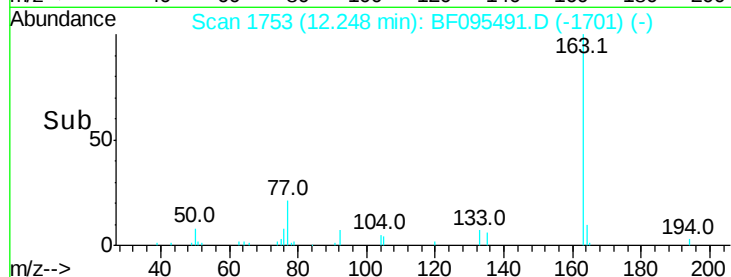
164 10.3 8.4 12.6



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: 6.63 ng

RT: 12.60 min Scan# 1813

Delta R.T. 0.26 min

Lab File: BF095491.D

Acq: 27 May 2017 8:43

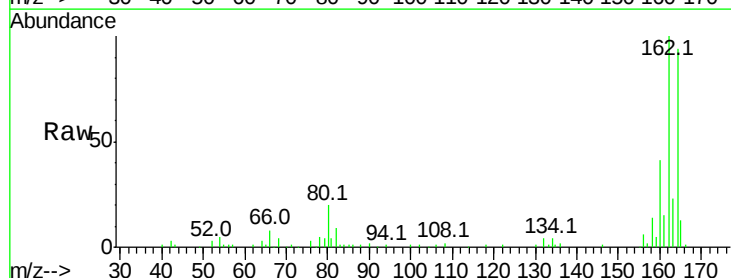
Tgt Ion:165 Resp: 16946

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

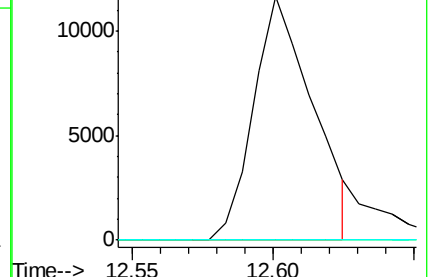
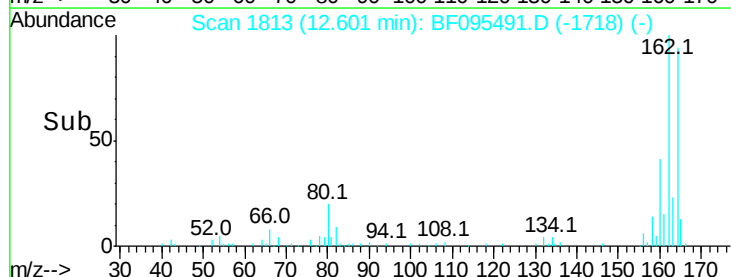
89 0.0 37.1 55.7#

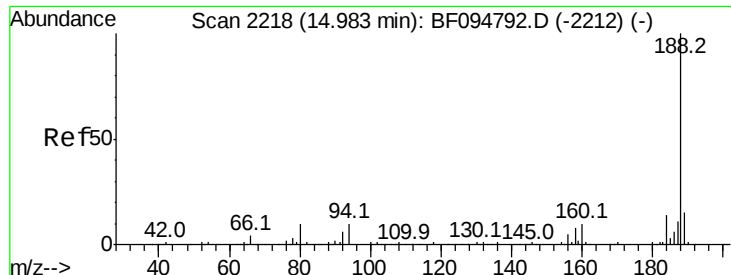


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

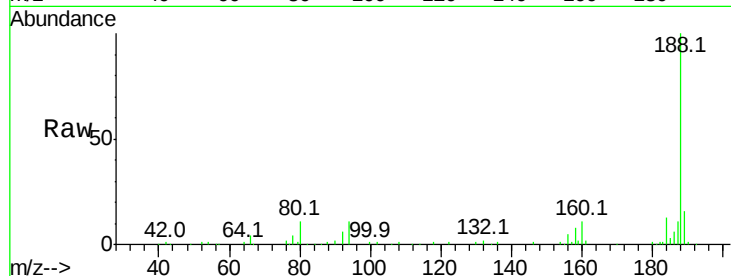
Ion 89.00 (88.70 to 89.70): BF0



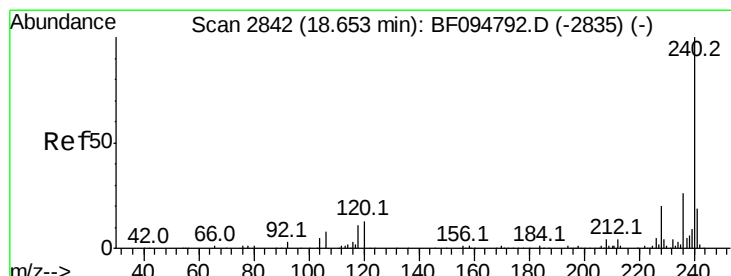
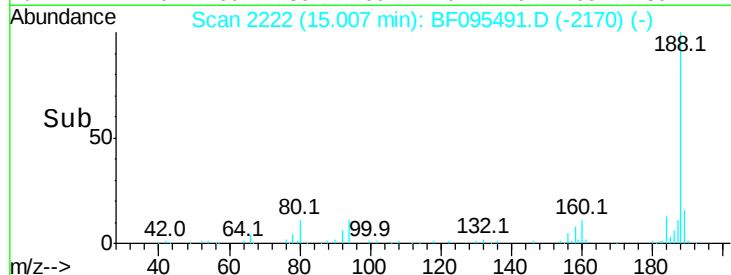
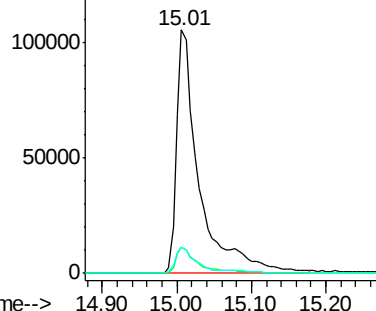


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BF095491.D
 Acq: 27 May 2017 8:43

Tot Ion:188 Resp: 224523
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 10.7 10.2 15.2

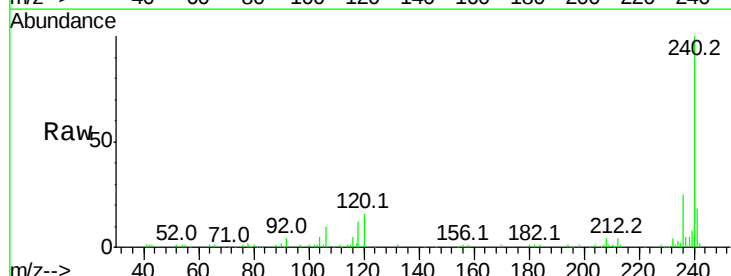


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

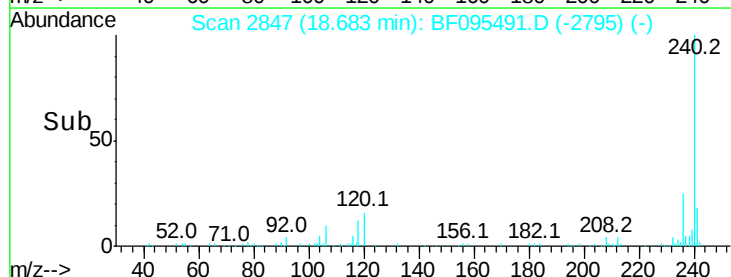
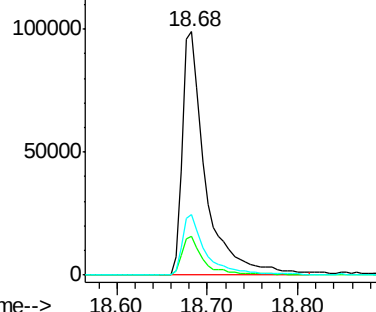


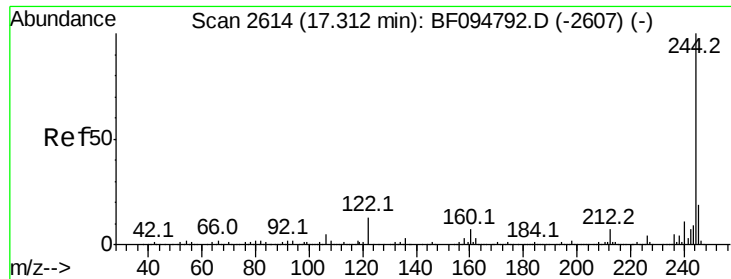
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095491.D
 Acq: 27 May 2017 8:43

Tgt Ion:240 Resp: 177956
 Ion Ratio Lower Upper
 240 100
 120 16.1 5.8 8.8#
 236 25.1 20.5 30.7



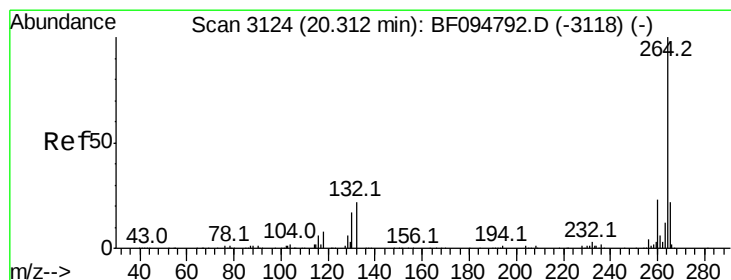
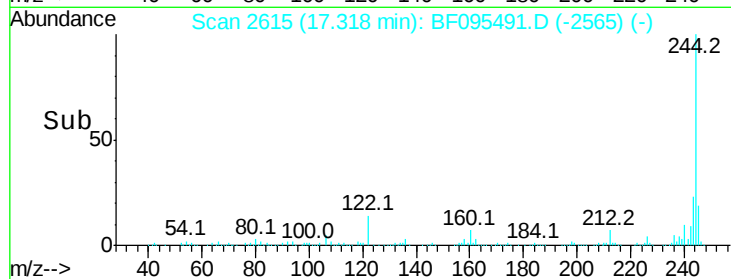
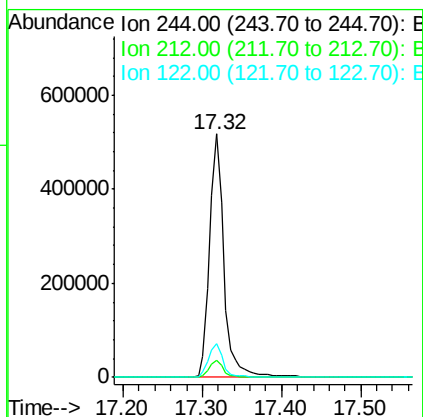
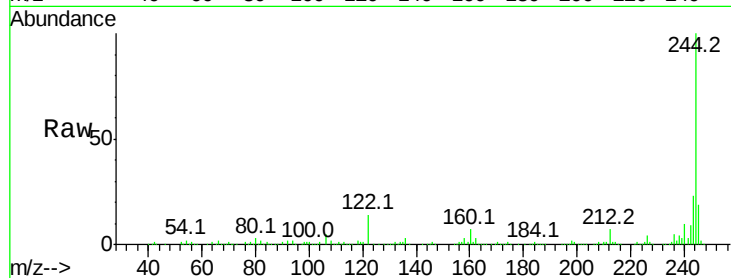
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 81.57 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095491.D
 Acq: 27 May 2017 8:43

Tot Ion:244 Resp: 659083
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095491.D
 Acq: 27 May 2017 8:43

Tgt Ion:264 Resp: 128177
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.0 17.2 25.8

