

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094807.D
 Acq On : 2 May 2017 22:32
 Operator : SJ/MA
 Sample : I2928-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

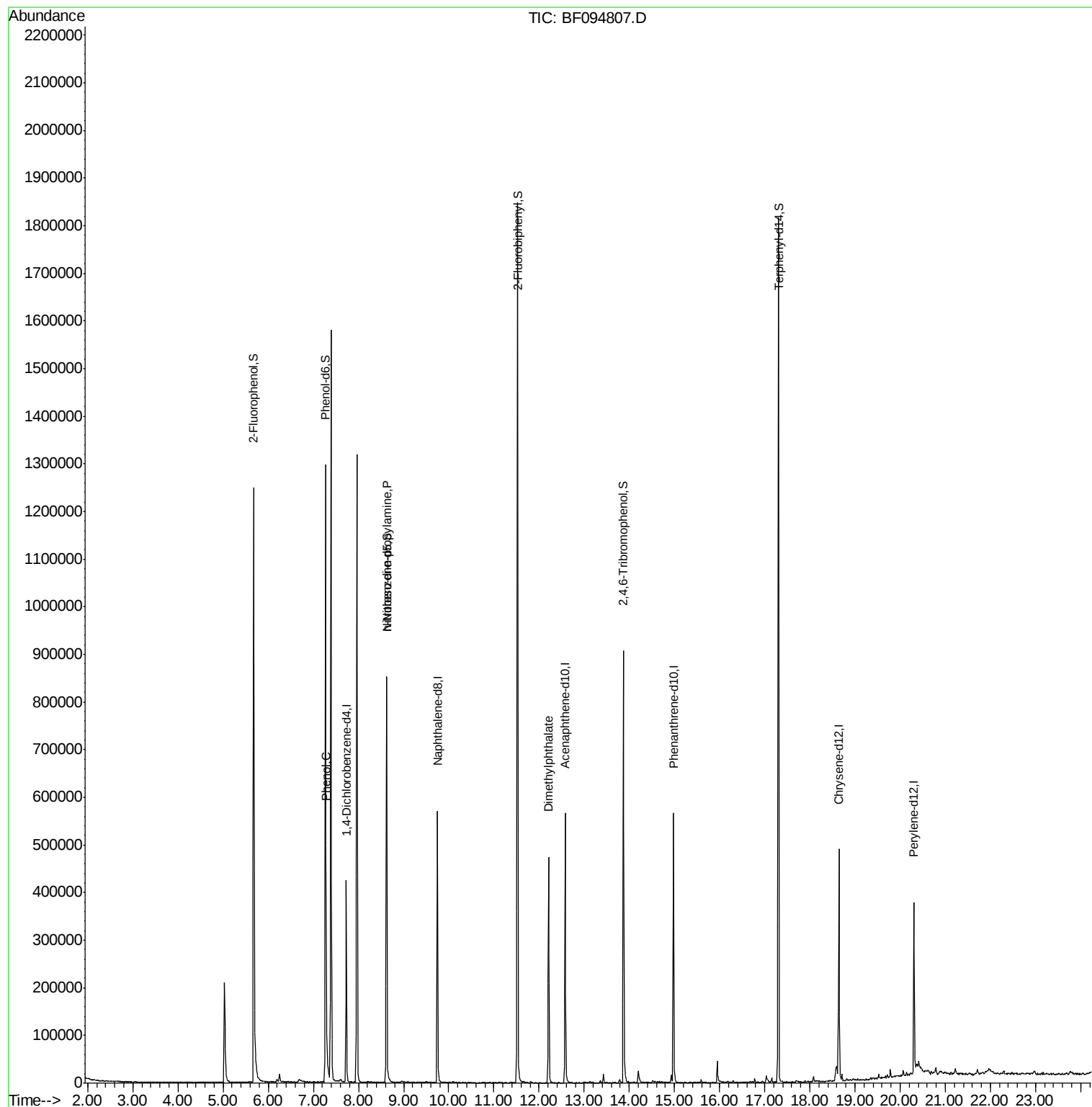
Quant Time: May 03 01:25:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

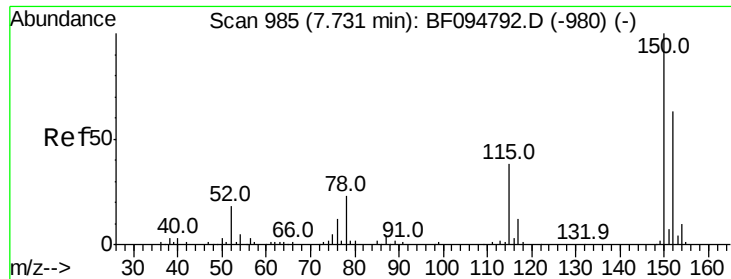
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	87603	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	361040	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	155000	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	280968	20.00	ng	0.00
75) Chrysene-d12	18.64	240	207004	20.00	ng	-0.01
86) Perylene-d12	20.31	264	163606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	558634	106.32	ng	0.00
7) Phenol-d6	7.27	99	693315	109.97	ng	0.00
23) Nitrobenzene-d5	8.62	82	380109	66.39	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	144783	114.06	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	794935	73.82	ng	0.00
78) Terphenyl-d14	17.31	244	684169	72.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.28	94	14864	2.24	ng	84
19) n-Nitroso-di-n-propylamine	8.62	70	48245	11.31	ng	# 75
49) Dimethylphthalate	12.21	163	271745	21.36	ng	98

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

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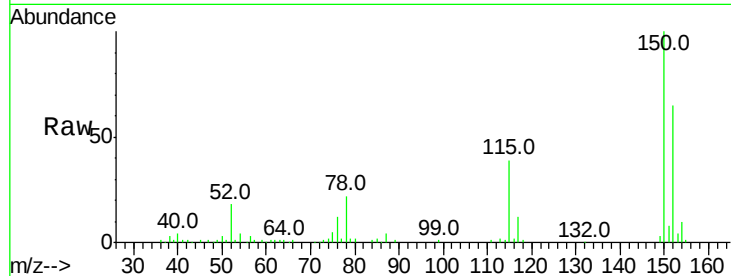




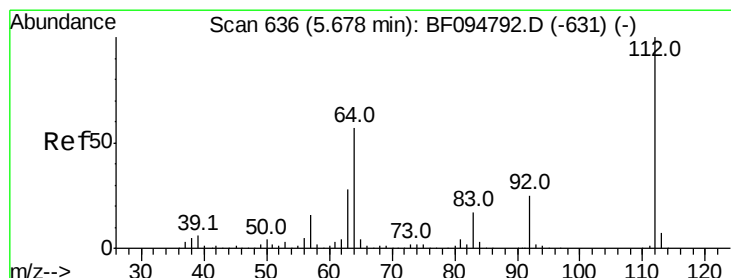
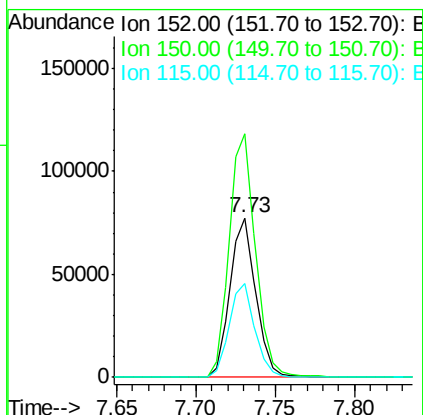
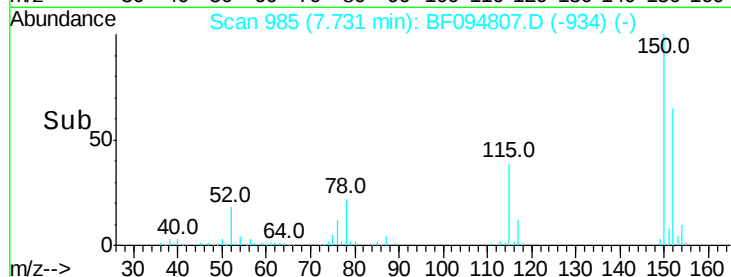
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.2	189.2
115	58.8	52.2	78.2



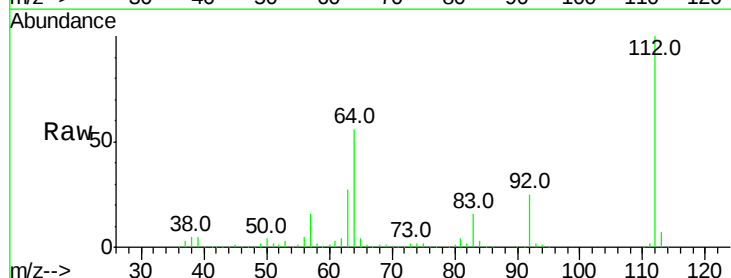
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



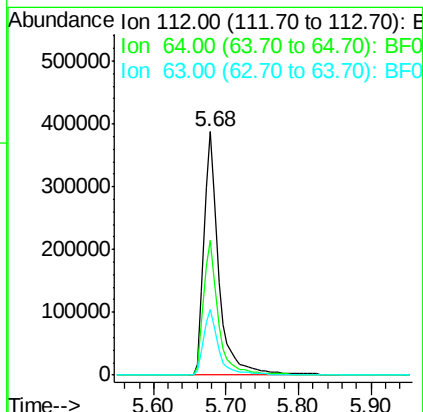
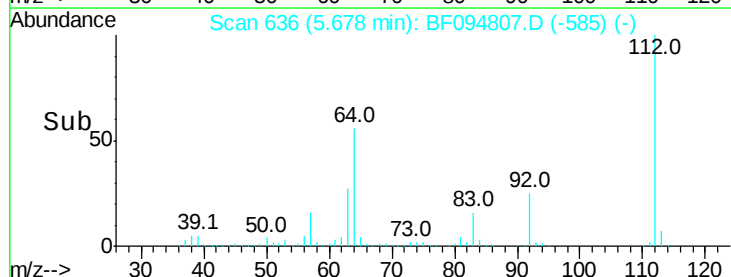
#5

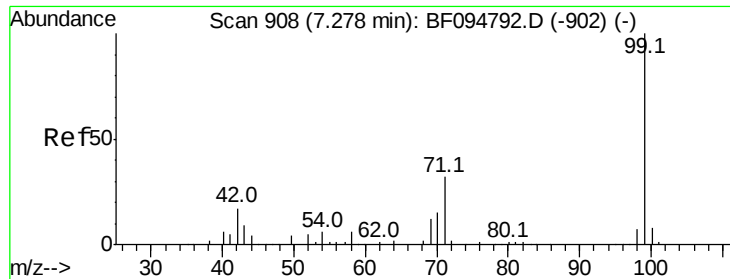
2-Fluorophenol
Concen: 106.32 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	27.2	23.4	35.0



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: 109.97 ng

RT: 7.27 min Scan# 907

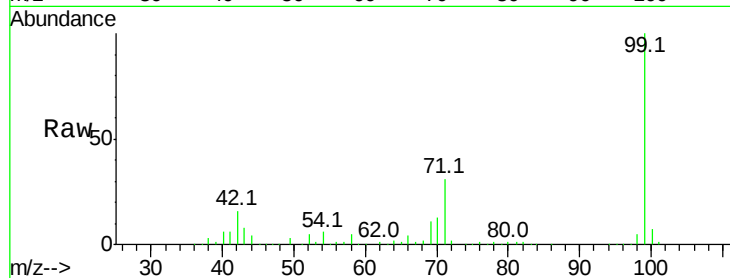
Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Tot Ion: 99 Resp: 693315

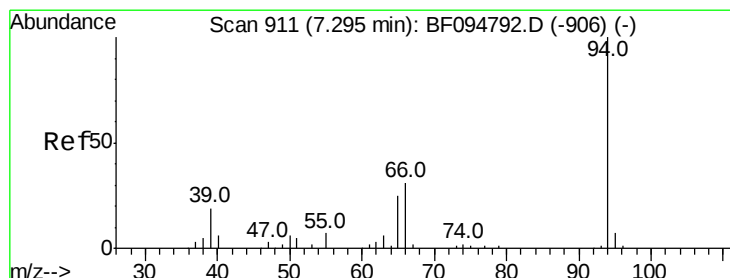
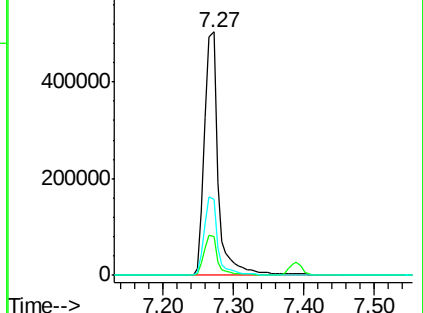
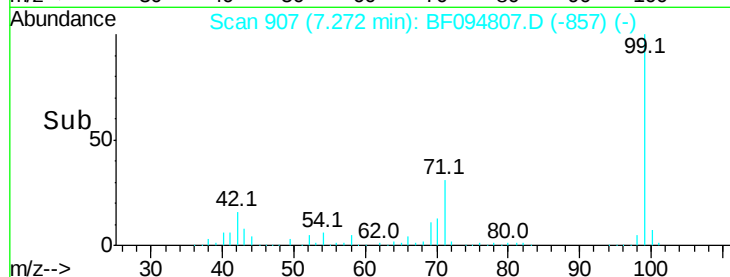
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.0	24.5	36.7



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



#10

Phenol

Concen: 2.24 ng

RT: 7.28 min Scan# 909

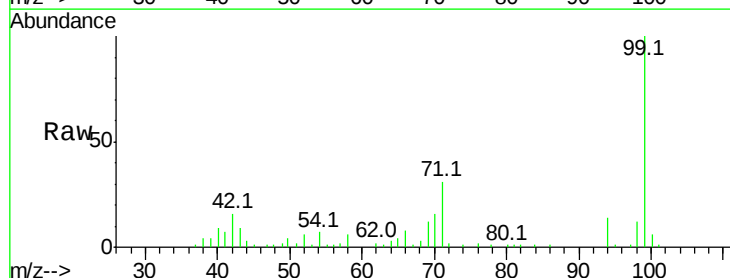
Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Tgt Ion: 94 Resp: 14864

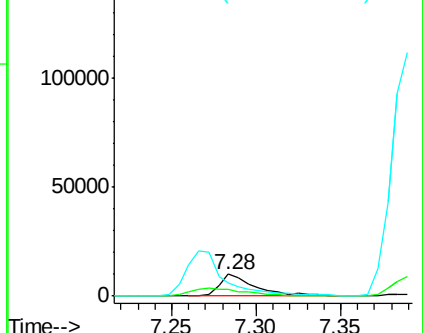
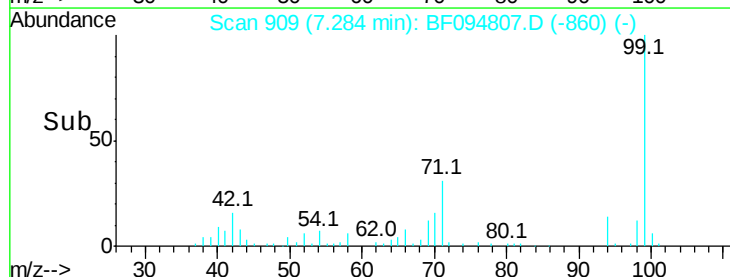
Ion	Ratio	Lower	Upper
94	100		
65	31.4	9.9	49.9
66	58.8	23.1	63.1

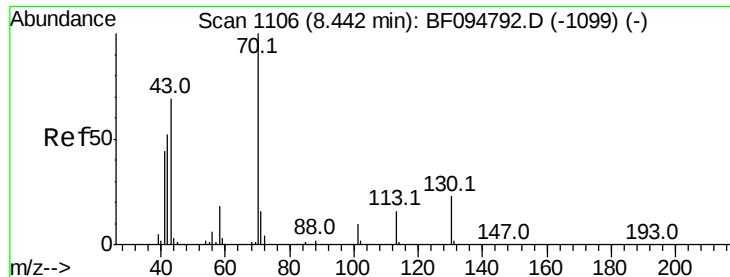


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

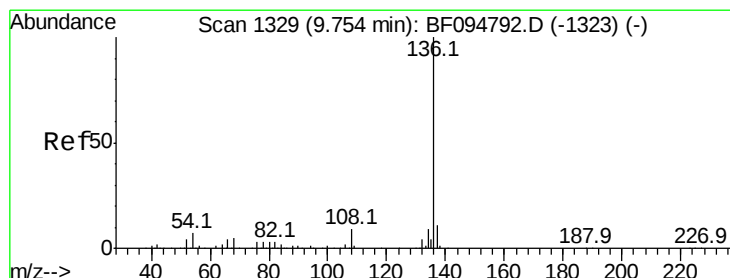
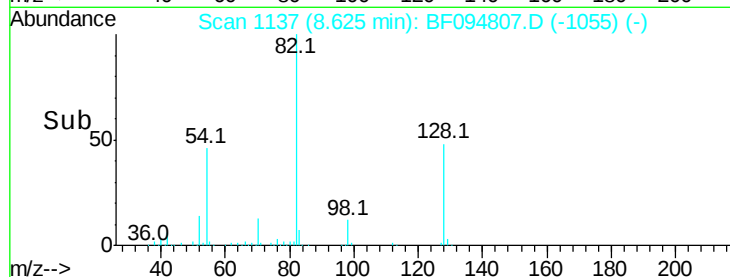
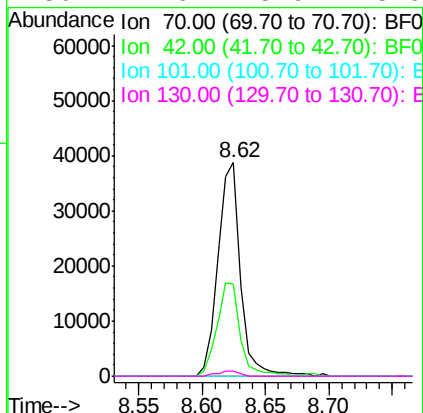
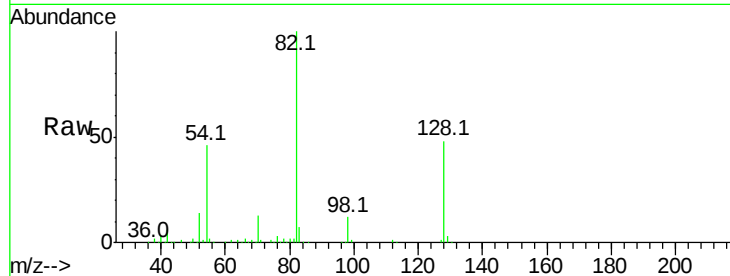
Ion 66.00 (65.70 to 66.70): BF0





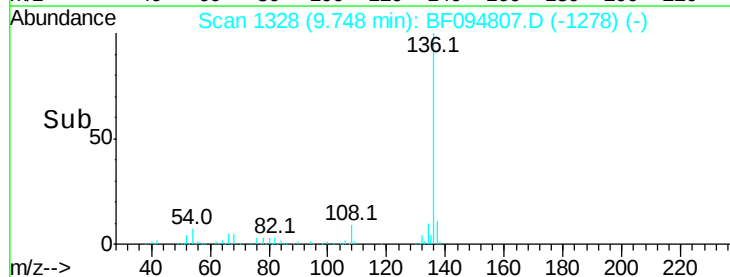
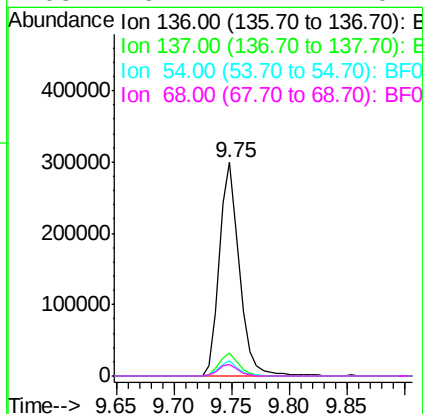
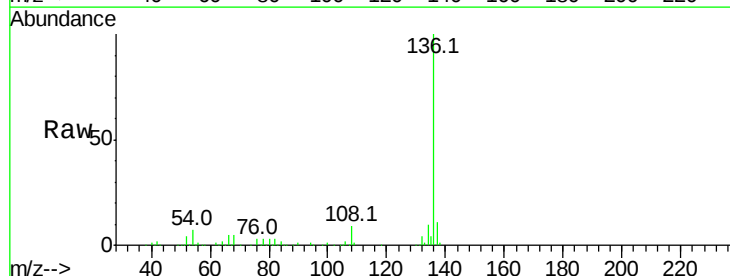
#19
n-Nitroso-di-n-propylamine
Concen: 11.31 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

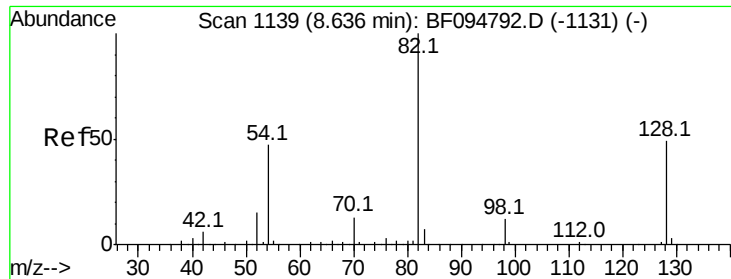
Tot Ion: 70 Resp: 48245
Ion Ratio Lower Upper
70 100
42 43.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tgt Ion: 136 Resp: 361040
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 66.39 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

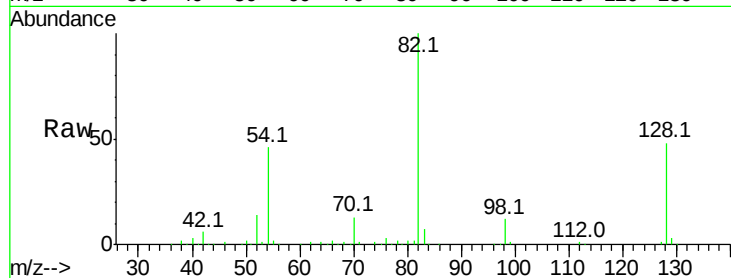
Tot Ion: 82 Resp: 380109

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

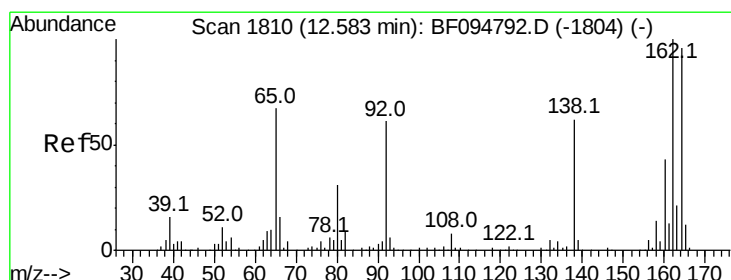
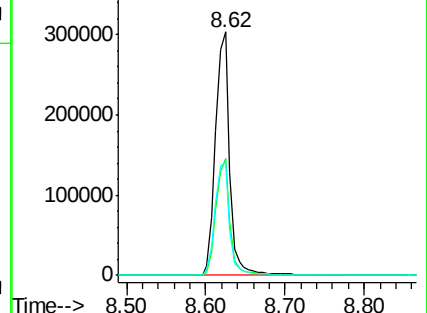
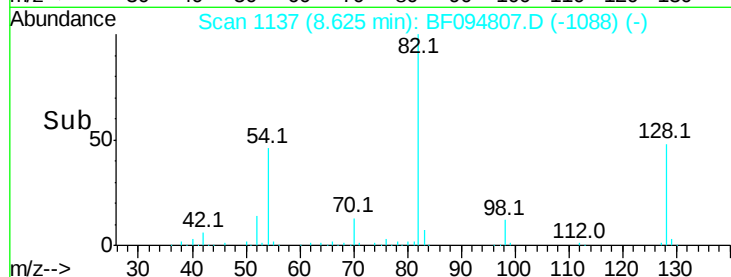
54 46.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

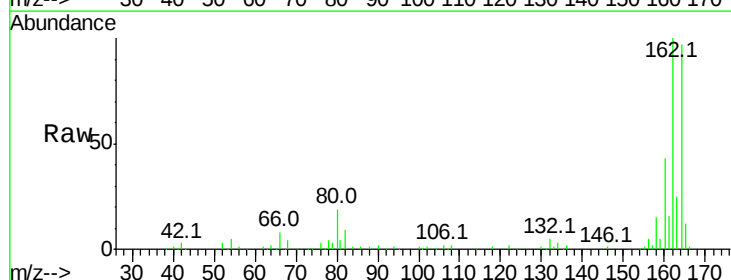
Tgt Ion: 164 Resp: 155000

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

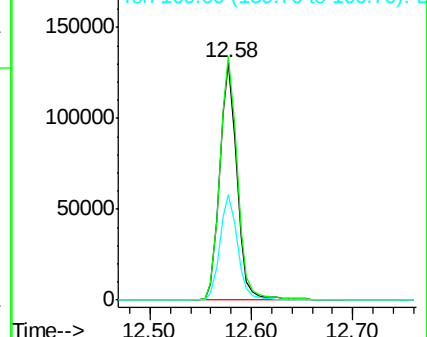
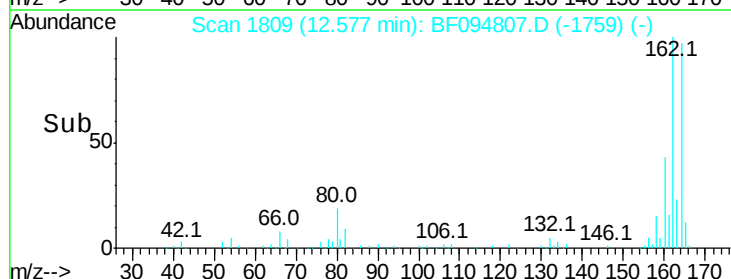
160 44.4 36.2 54.2

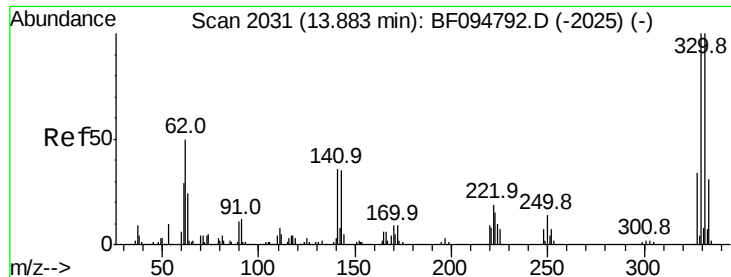


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

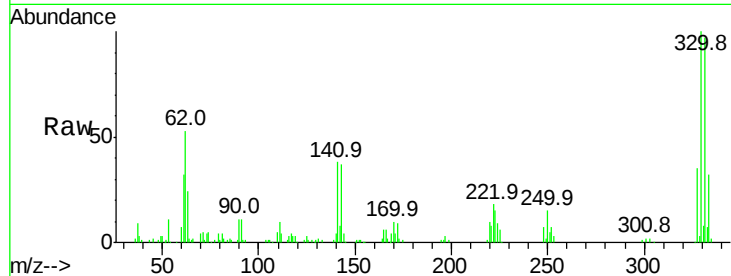
Ion 160.00 (159.70 to 160.70): E



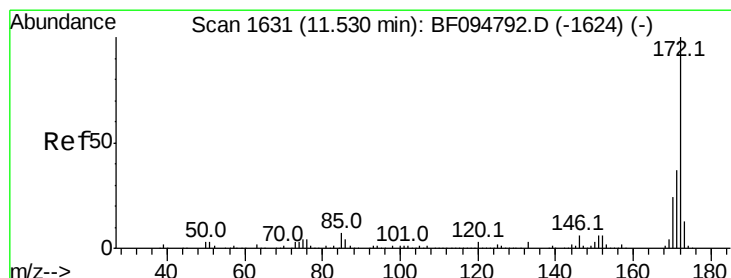
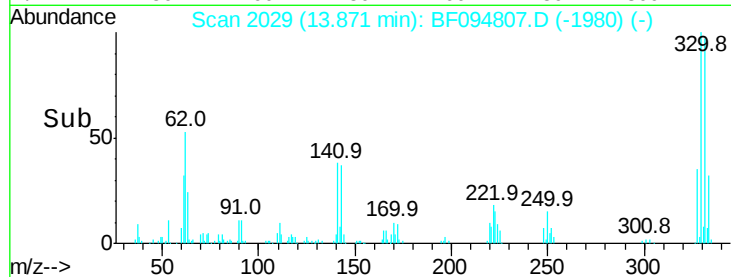
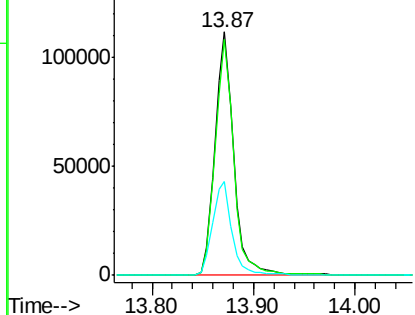


#41
 2,4,6-Tribromophenol
 Concen: 114.06 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.4	31.4	47.2

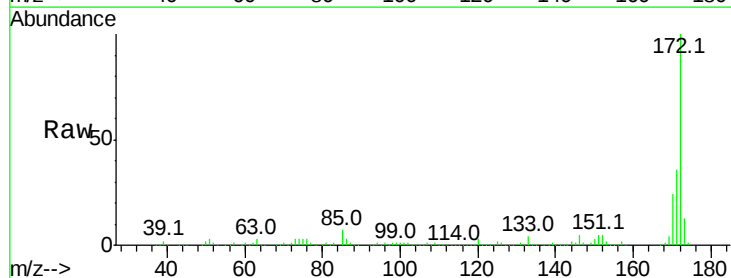


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

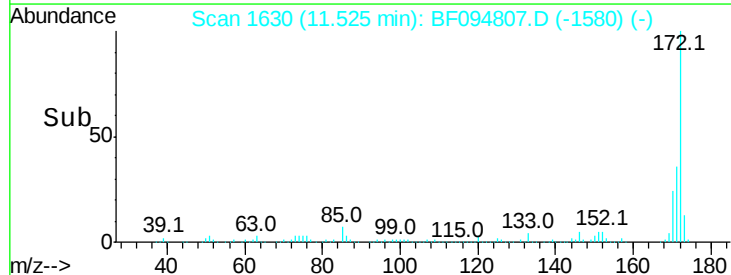
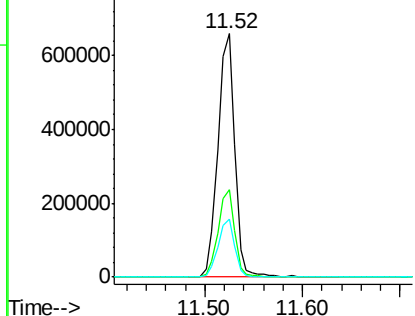


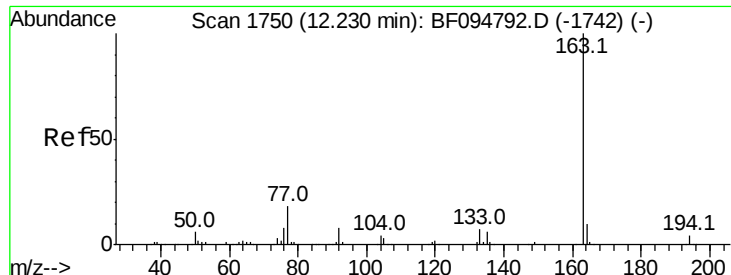
#44
 2-Fluorobiphenyl
 Concen: 73.82 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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: 21.36 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

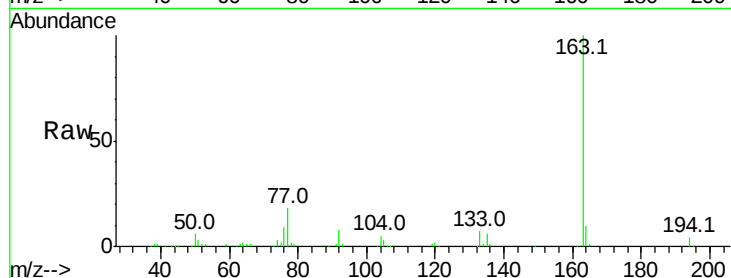
Tot Ion:163 Resp: 271745

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

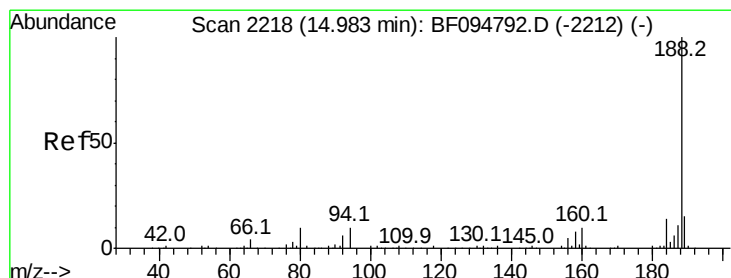
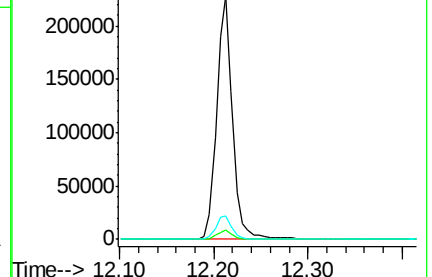
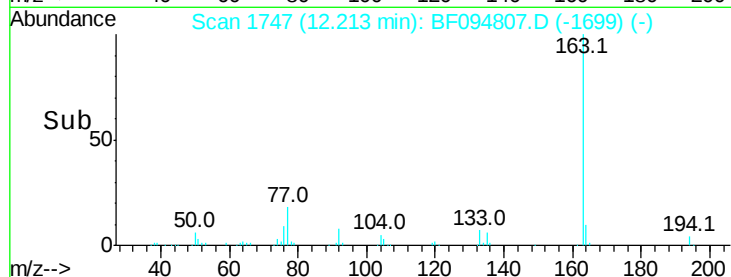
164 9.7 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

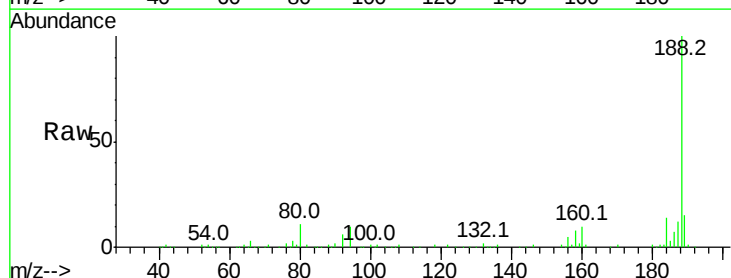
Tgt Ion:188 Resp: 280968

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

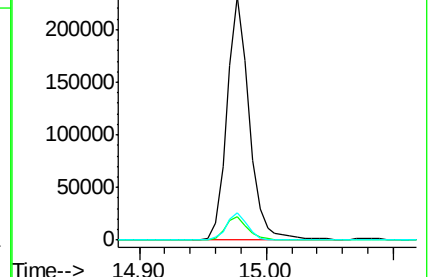
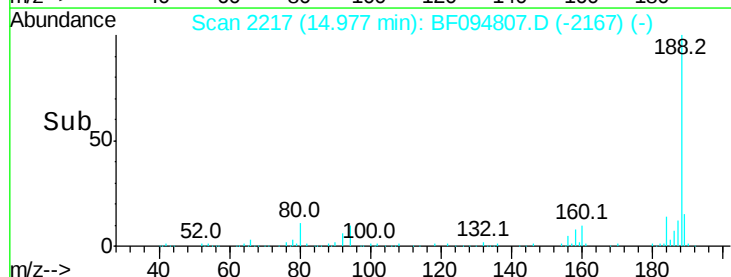
80 11.2 10.2 15.2

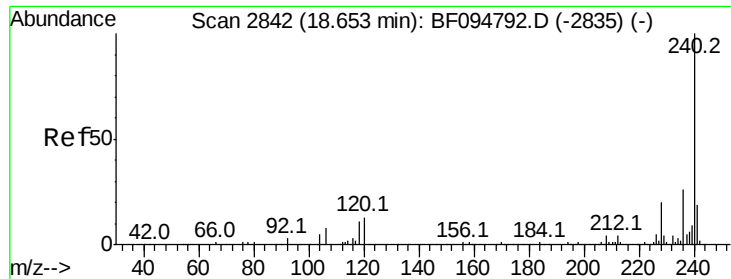


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

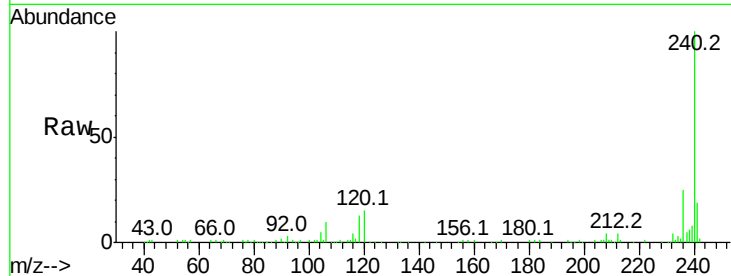
Ion 80.00 (79.70 to 80.70): BF0



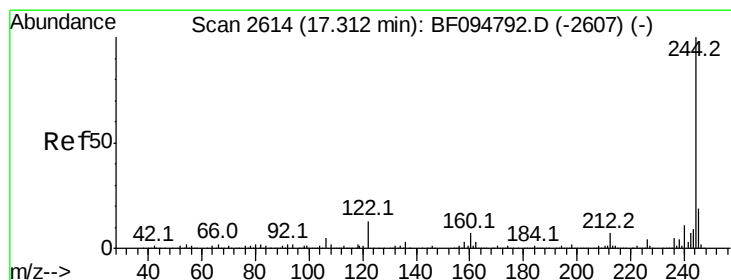
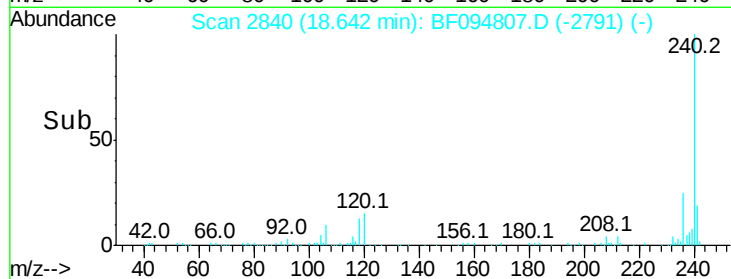
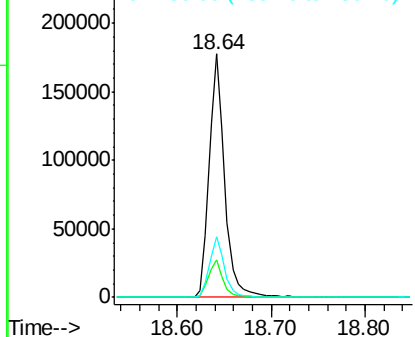


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Tot Ion:240 Resp: 207004
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 24.8 20.5 30.7

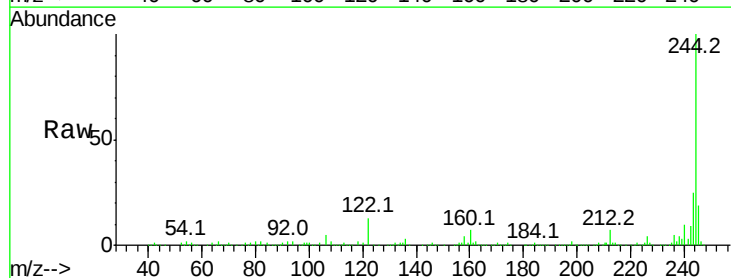


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

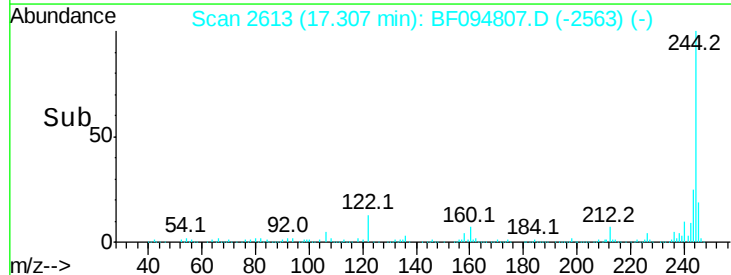
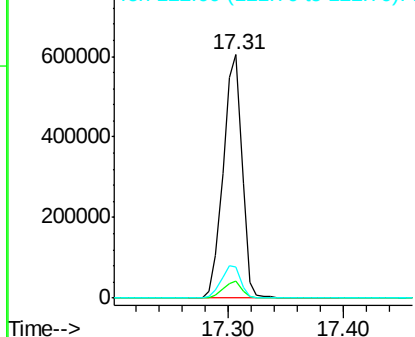


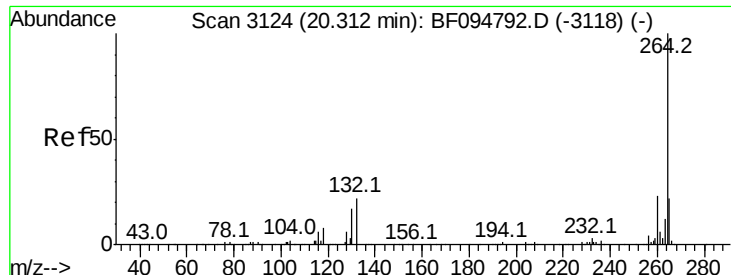
#78
 Terphenyl-d14
 Concen: 72.80 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Tgt Ion:244 Resp: 684169
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.9 10.3 15.5



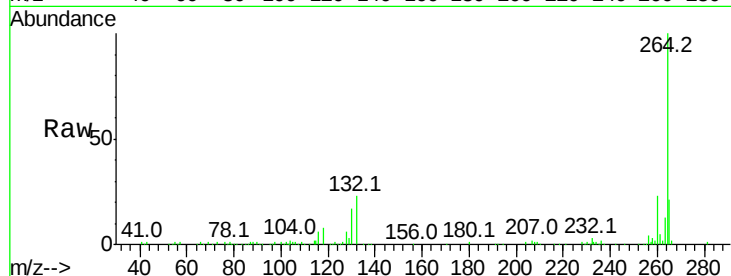
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tot Ion:264	Resp:	163606
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.5 29.3
265	20.5	17.2 25.8



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

