

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094804.D
 Acq On : 2 May 2017 20:56
 Operator : SJ/MA
 Sample : PB98612TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

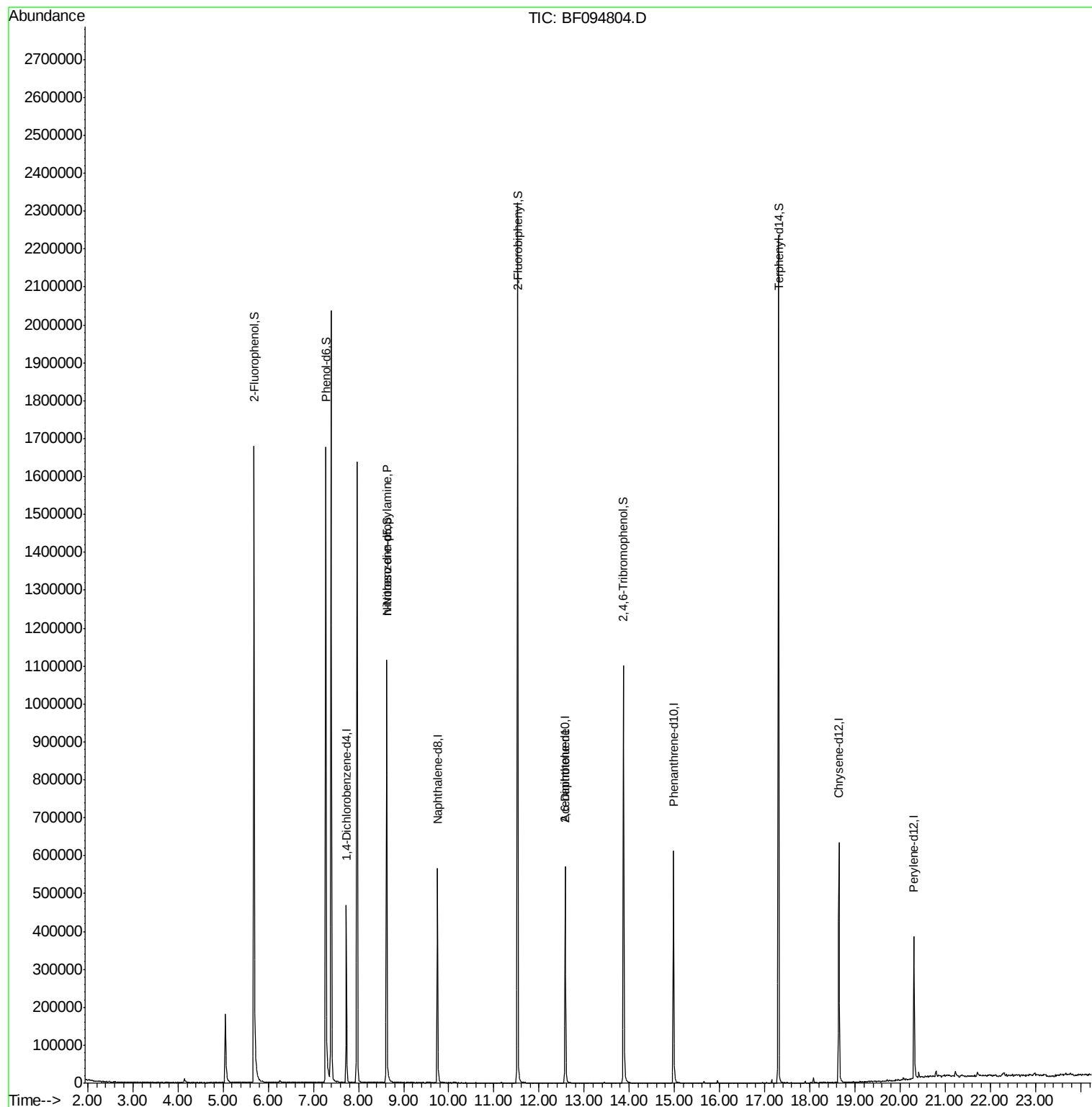
Quant Time: May 03 01:24:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

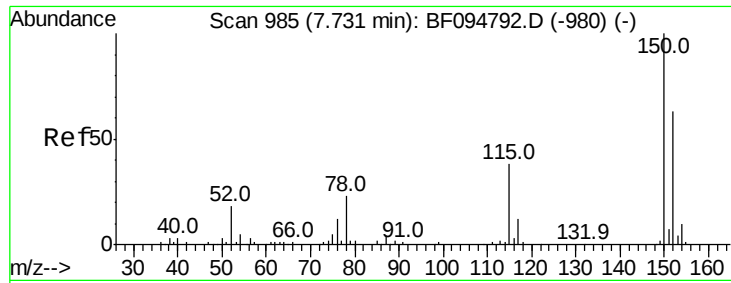
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	91845	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	360981	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	174116	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	320942	20.00	ng	0.00
75) Chrysene-d12	18.64	240	280518	20.00	ng	-0.01
86) Perylene-d12	20.31	264	173983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	745303	135.29	ng	0.00
7) Phenol-d6	7.28	99	882820	133.56	ng	0.00
23) Nitrobenzene-d5	8.62	82	524215	91.57	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	182951	128.30	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	966954	79.93	ng	0.00
78) Terphenyl-d14	17.31	244	940677	73.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	69910	15.64	ng	# 76
50) 2,6-Dinitrotoluene	12.58	165	17018	5.84	ng	# 33

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094804.D
Acq On : 2 May 2017 20:56
Operator : SJ/MA
Sample : PB98612TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 03 01:24:42 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

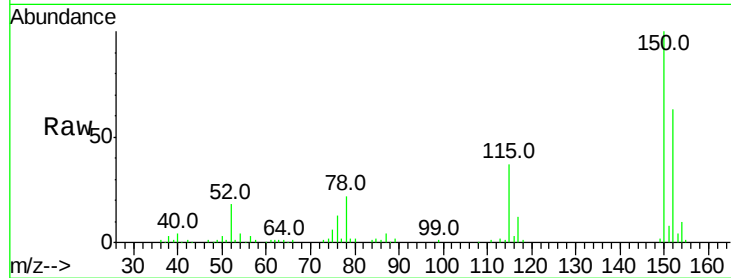




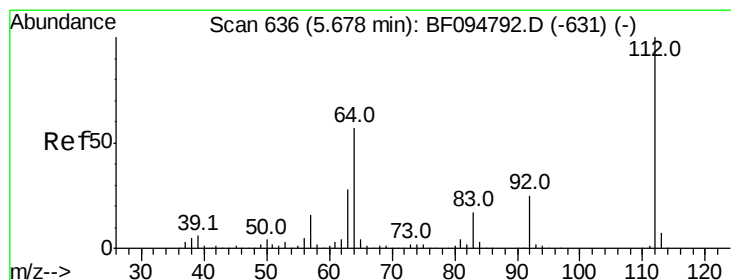
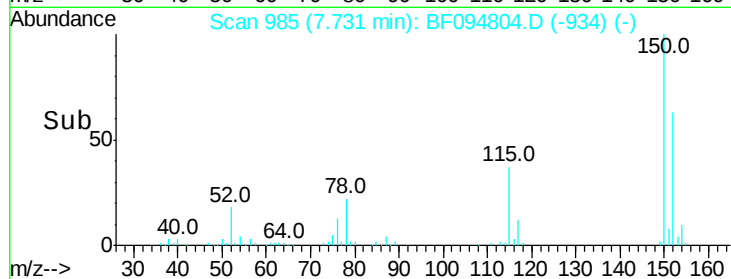
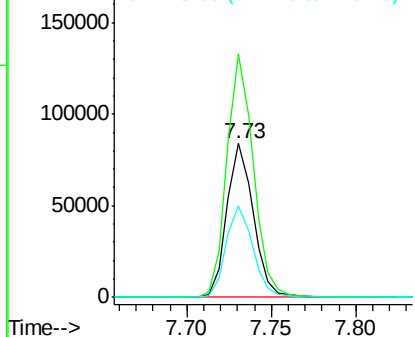
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	59.2	52.2	78.2



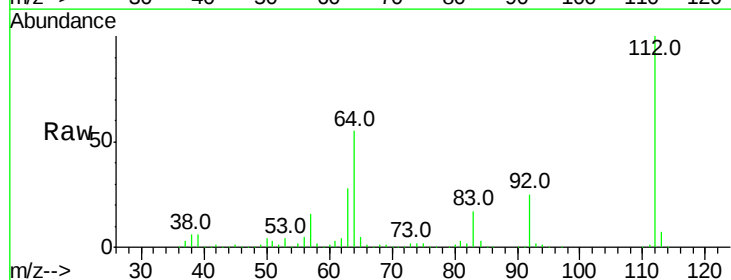
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



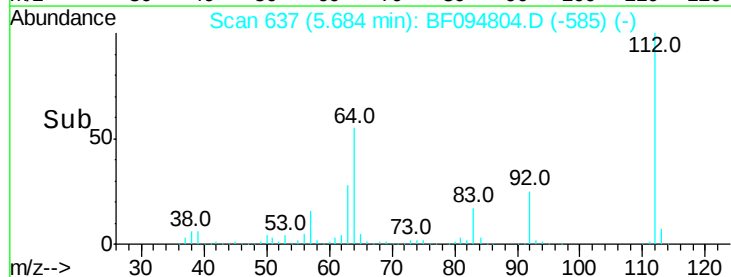
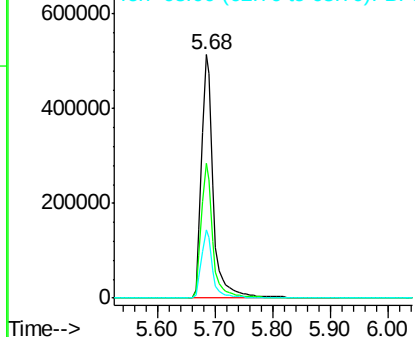
#5

2-Fluorophenol
Concen: 135.29 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.8	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: 133.56 ng

RT: 7.28 min Scan# 908

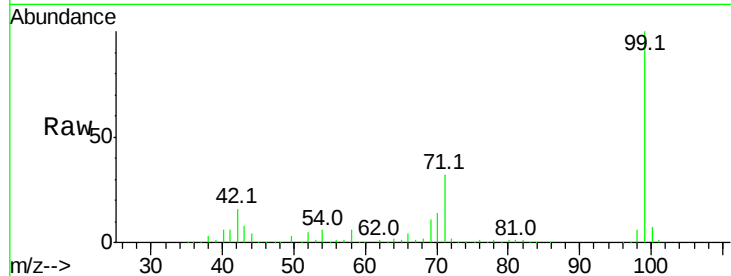
Delta R.T. 0.00 min

Lab File: BF094804.D

Acq: 2 May 2017 20:56

Tot Ion: 99 Resp: 882820

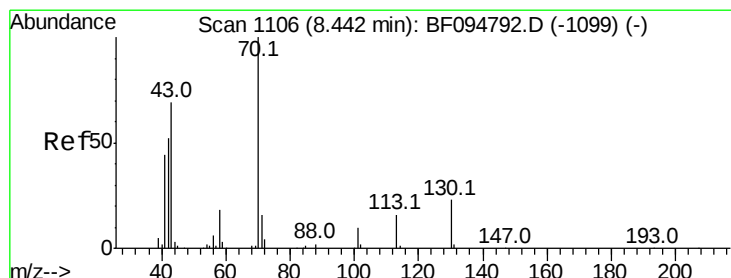
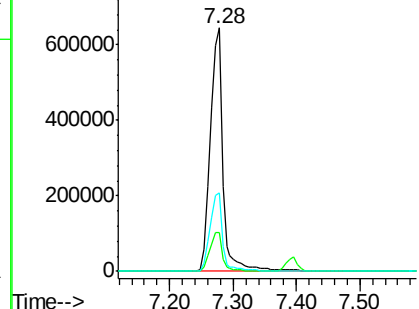
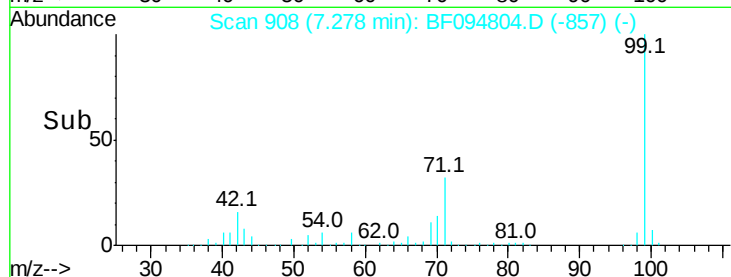
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.0	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.64 ng

RT: 8.62 min Scan# 1137

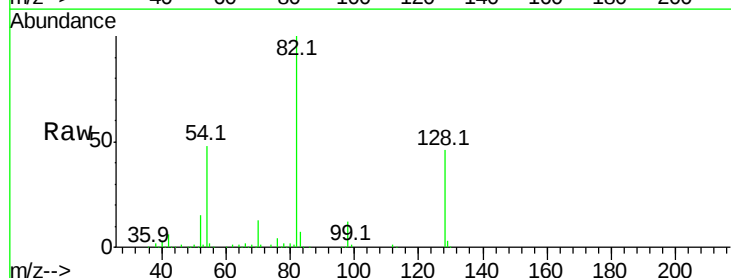
Delta R.T. 0.18 min

Lab File: BF094804.D

Acq: 2 May 2017 20:56

Tgt Ion: 70 Resp: 69910

Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

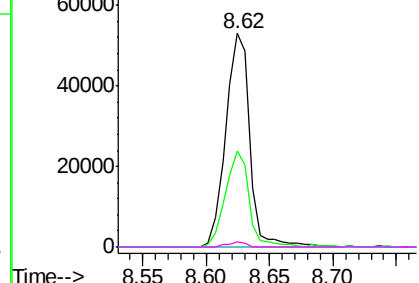
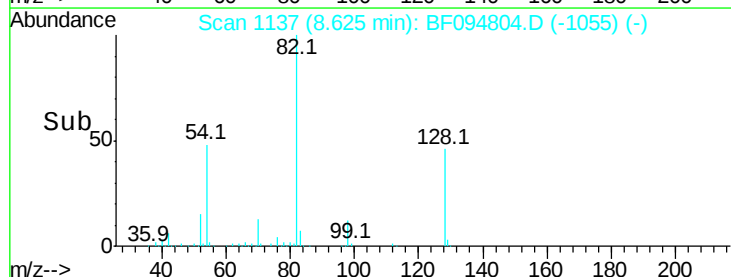


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094804.D

Acq: 2 May 2017 20:56

Tot Ion:136 Resp: 360981

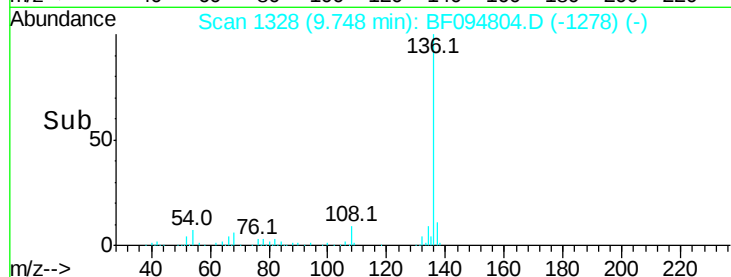
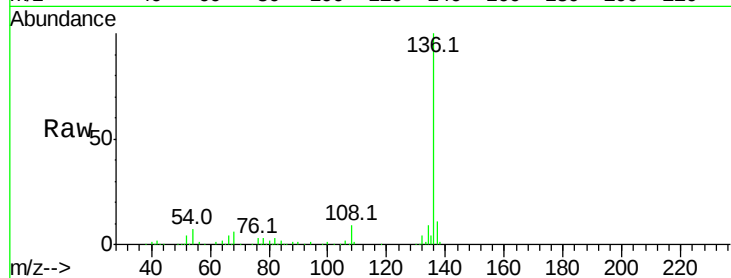
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.7 4.1 6.1

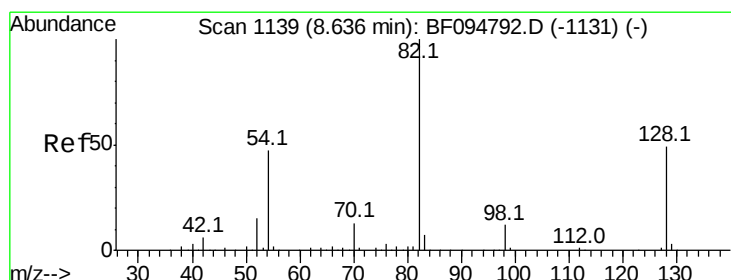
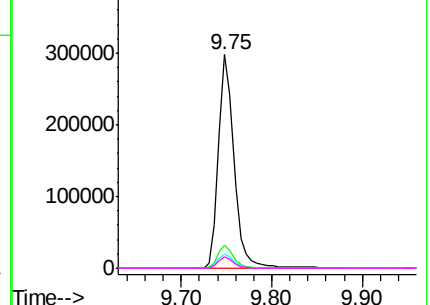


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 91.57 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094804.D

Acq: 2 May 2017 20:56

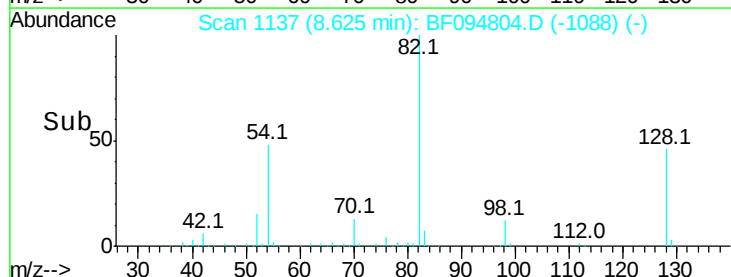
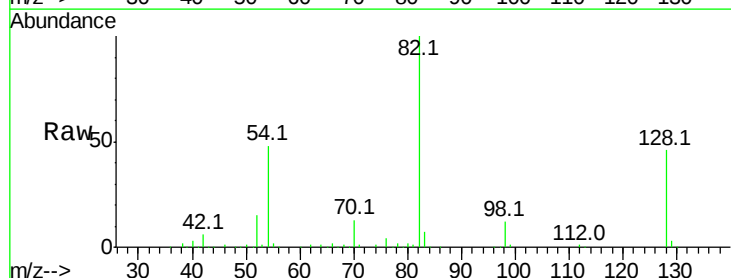
Tgt Ion: 82 Resp: 524215

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

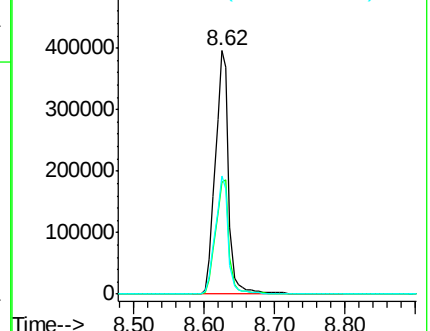
54 48.4 42.2 63.2

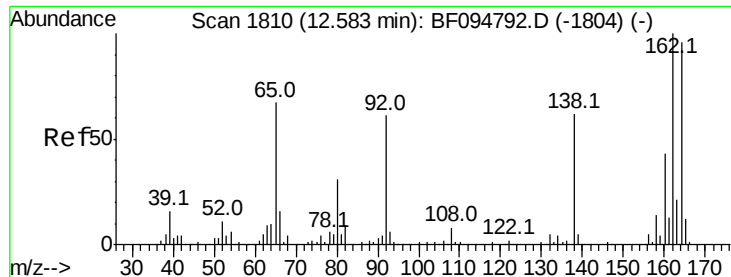


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

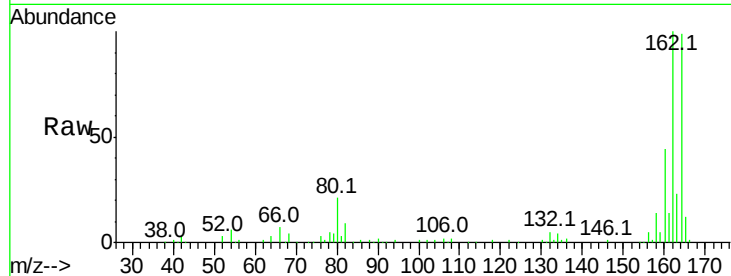
Ion 54.00 (53.70 to 54.70): BF0



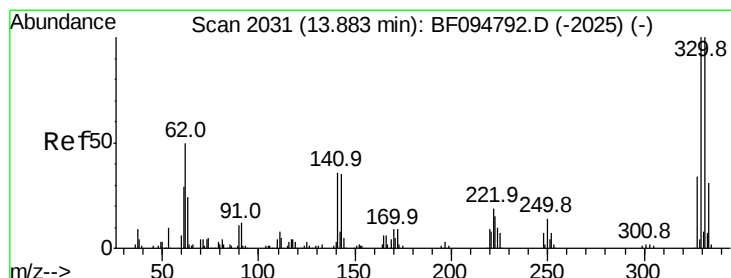
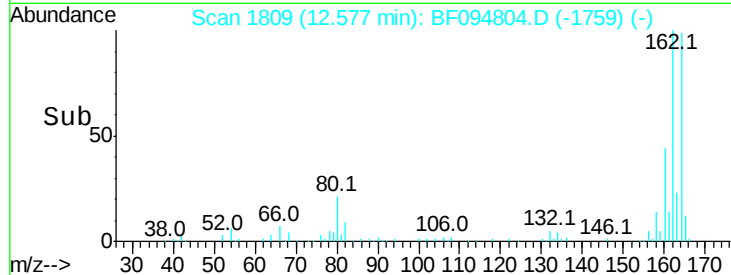
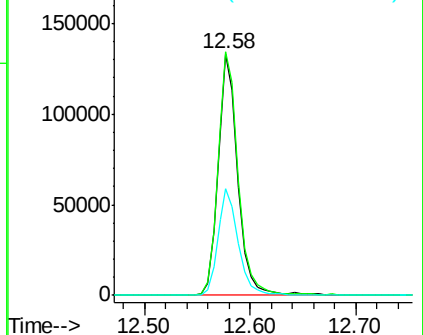


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tot Ion:164 Resp: 174116
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 44.3 36.2 54.2

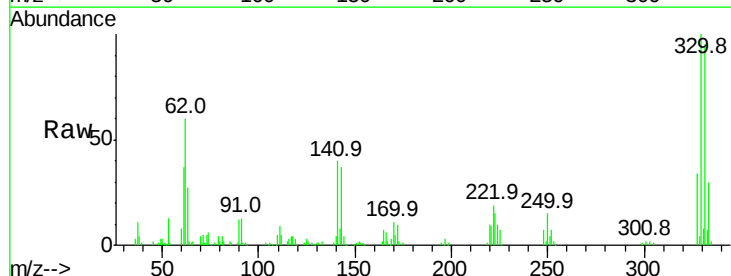


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

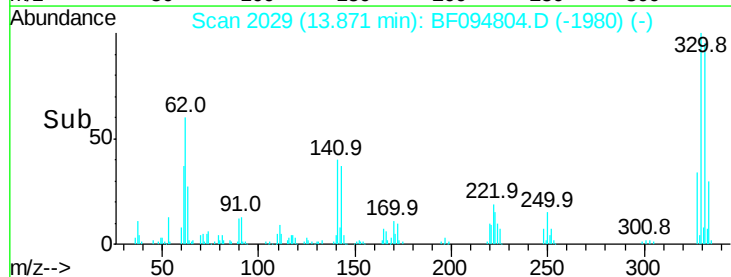
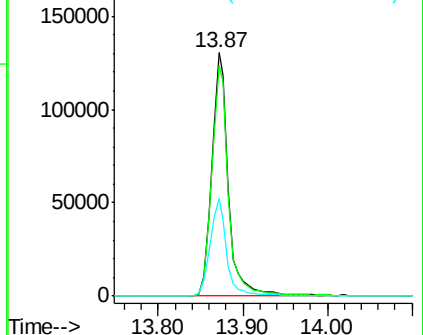


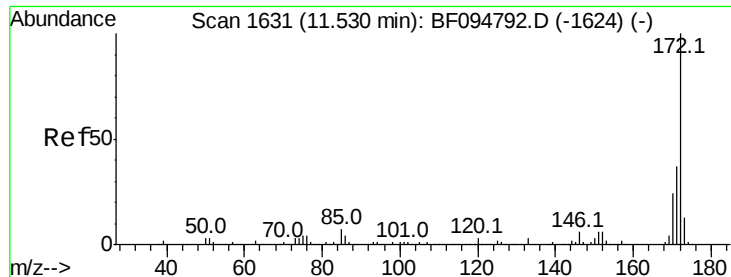
#41
2,4,6-Tribromophenol
Concen: 128.30 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:330 Resp: 182951
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 39.9 31.4 47.2



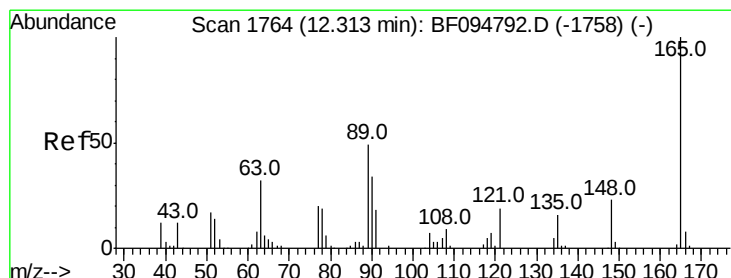
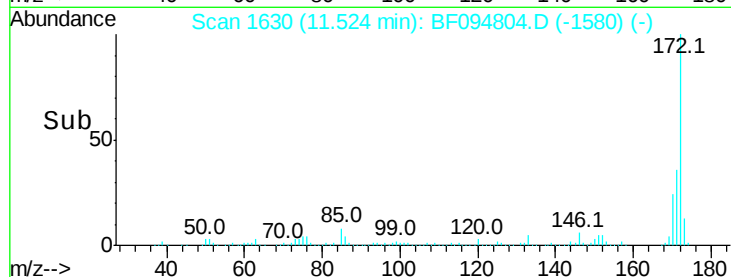
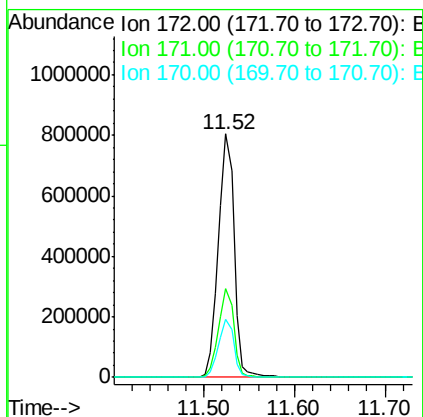
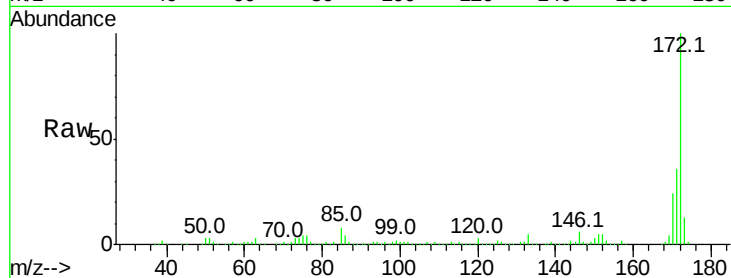
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





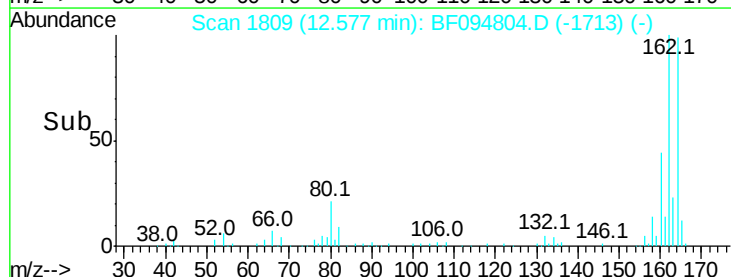
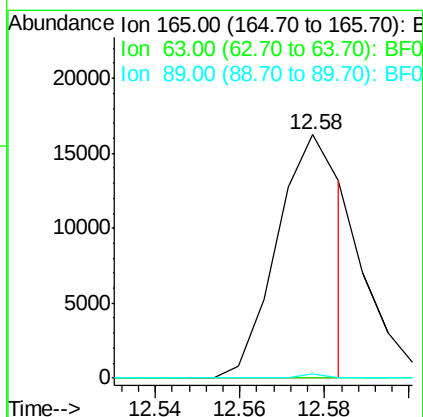
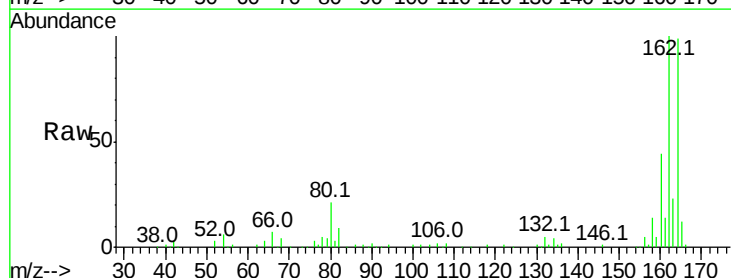
#44
 2-Fluorobiphenyl
 Concen: 79.93 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094804.D
 Acq: 2 May 2017 20:56

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.84 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. 0.26 min
 Lab File: BF094804.D
 Acq: 2 May 2017 20:56

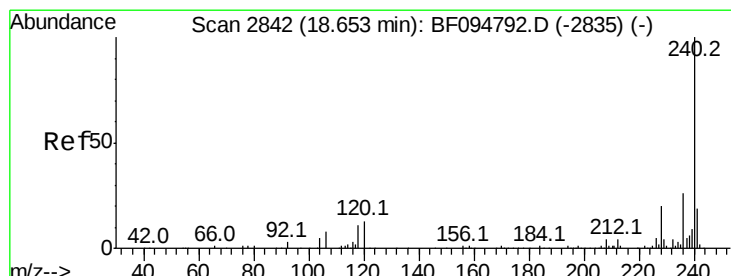
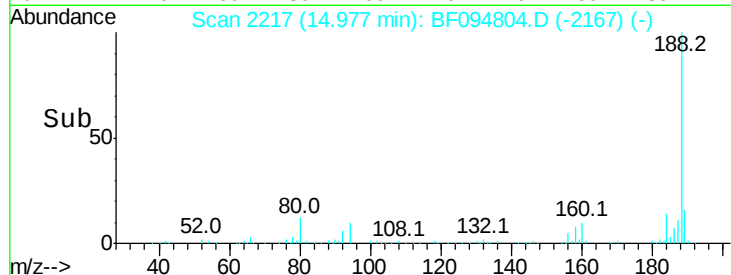
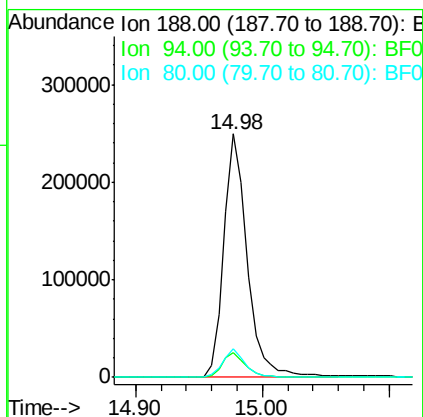
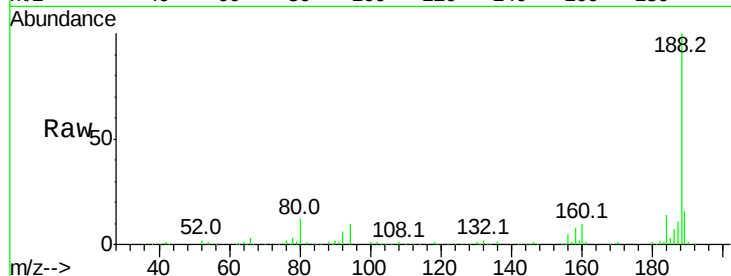
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.0	37.1	55.7#





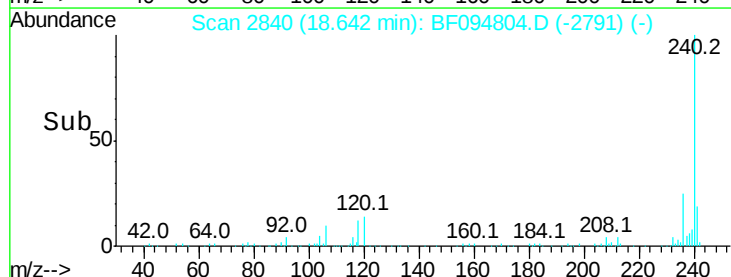
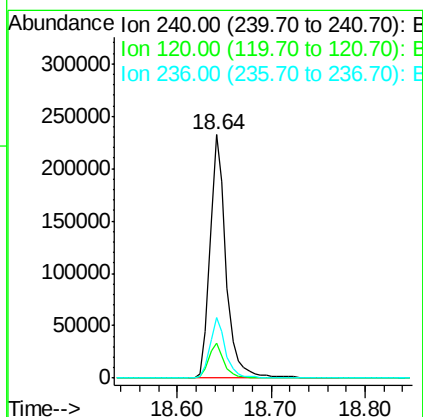
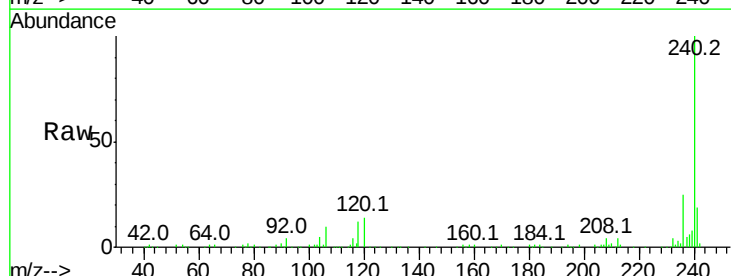
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094804.D
 Acq: 2 May 2017 20:56

Tot Ion:188 Resp: 320942
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.5 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094804.D
 Acq: 2 May 2017 20:56

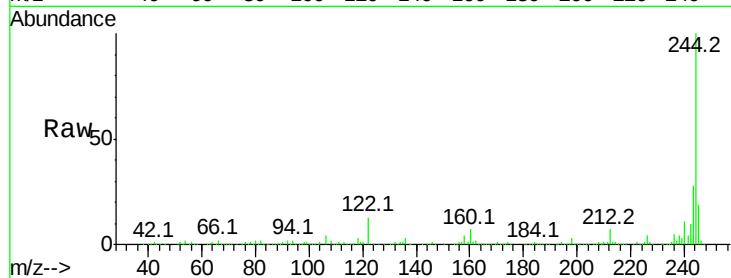
Tgt Ion:240 Resp: 280518
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 24.9 20.5 30.7



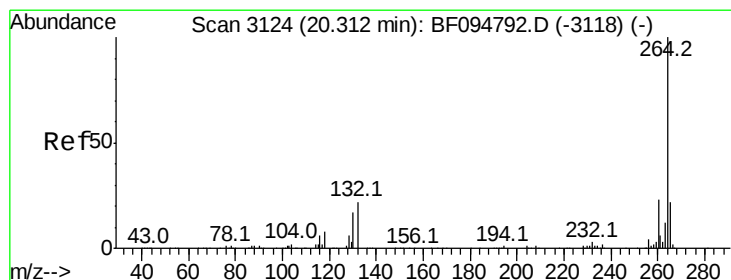
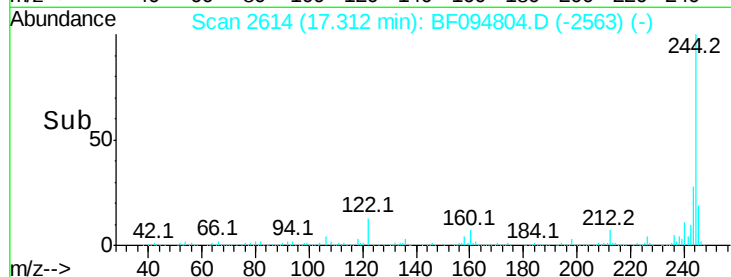
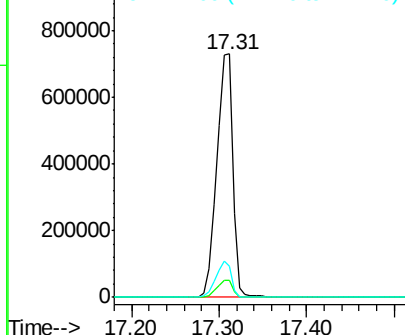


#78
 Terphenyl-d14
 Concen: 73.86 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BF094804.D
 Acq: 2 May 2017 20:56

Tot Ion:244 Resp: 940677
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 12.8 10.3 15.5

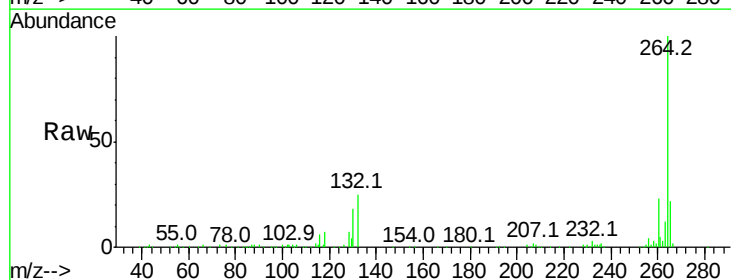


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094804.D
 Acq: 2 May 2017 20:56

Tgt Ion:264 Resp: 173983
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.5 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

