

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094810.D
 Acq On : 3 May 2017 00:08
 Operator : SJ/MA
 Sample : I2916-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

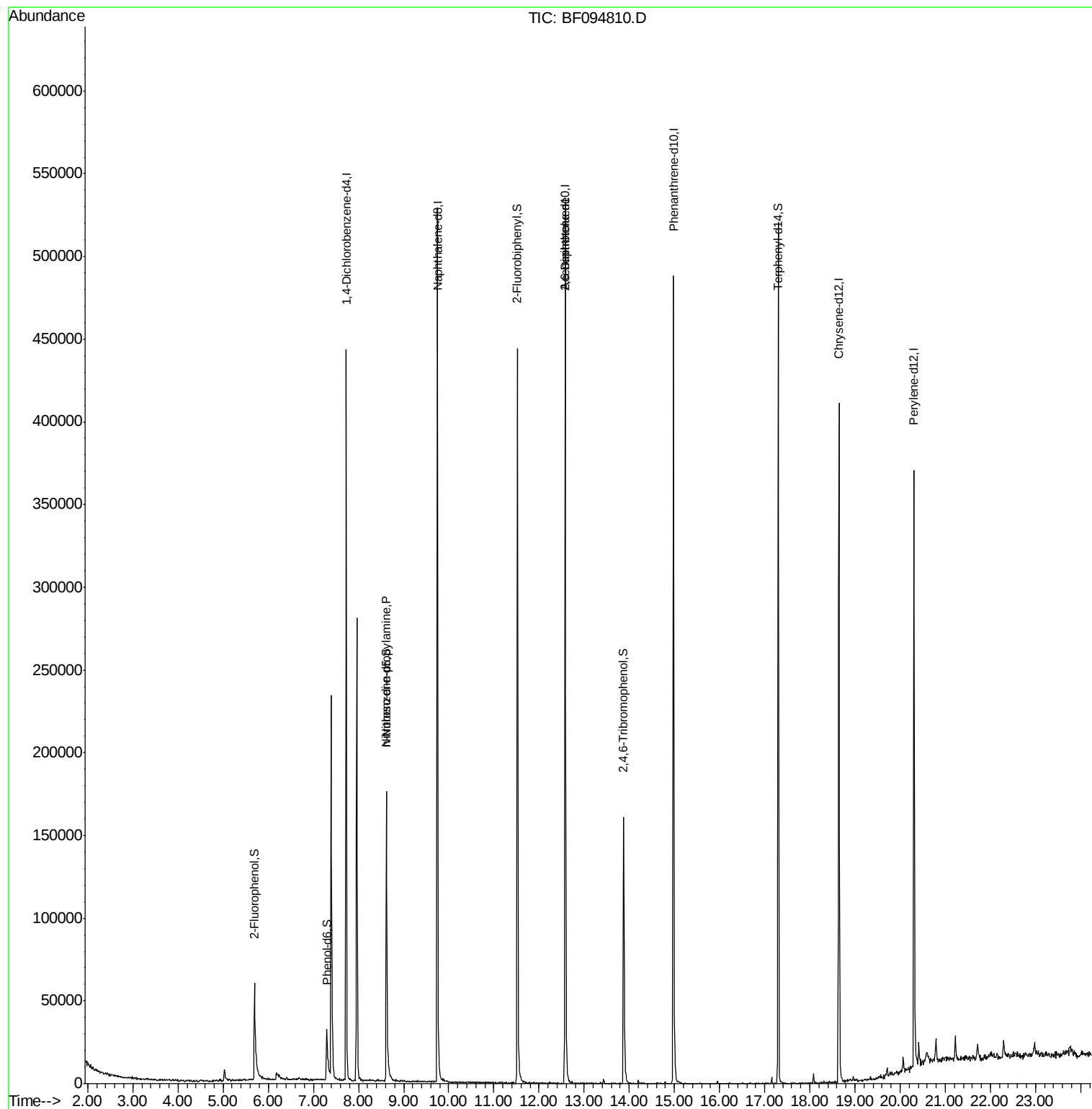
Quant Time: May 03 01:26:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88800	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	353312	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	162733	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	275767	20.00	ng	0.00
75) Chrysene-d12	18.64	240	193144	20.00	ng	-0.01
86) Perylene-d12	20.31	264	163989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	45788	8.60	ng	0.02
7) Phenol-d6	7.30	99	34781	5.44	ng	0.02
23) Nitrobenzene-d5	8.62	82	96090	17.15	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	32271	24.21	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	213723	18.90	ng	-0.01
78) Terphenyl-d14	17.30	244	186228	21.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	10840	2.51	ng	# 80
50) 2,6-Dinitrotoluene	12.58	165	16357	6.00	ng	# 31

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094810.D
Acq On : 3 May 2017 00:08
Operator : SJ/MA
Sample : I2916-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 03 01:26:59 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

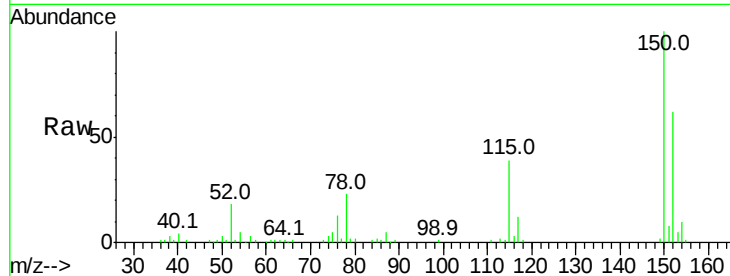




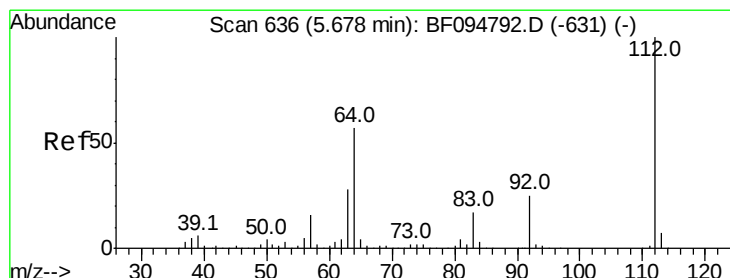
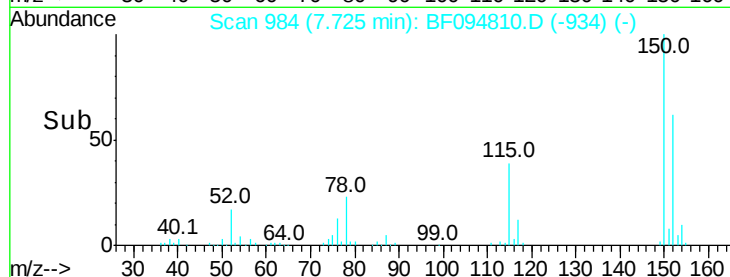
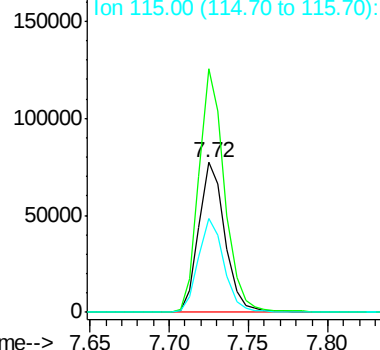
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094810.D
Acq: 3 May 2017 00:08

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.2	189.2
115	62.5	52.2	78.2



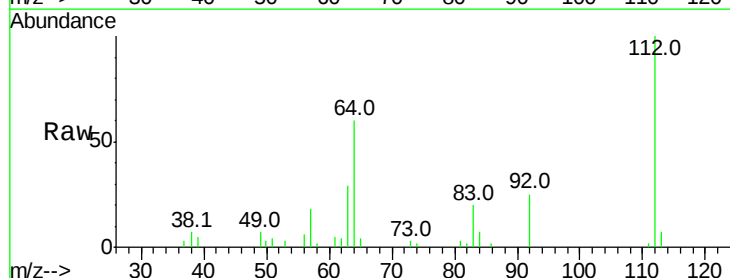
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



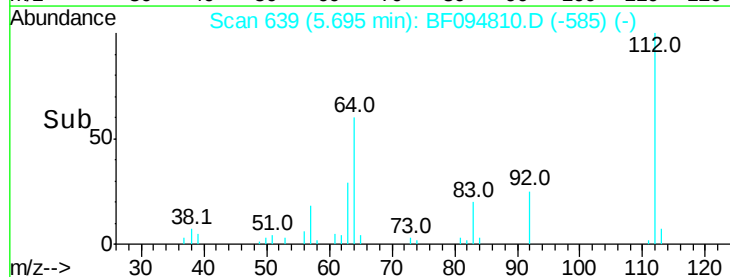
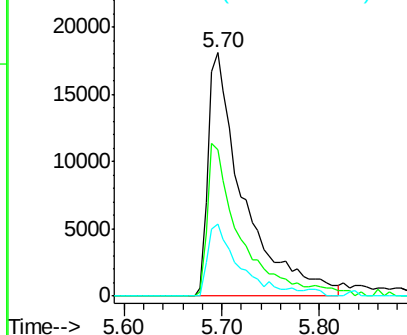
#5

2-Fluorophenol
Concen: 8.60 ng
RT: 5.70 min Scan# 639
Delta R.T. 0.02 min
Lab File: BF094810.D
Acq: 3 May 2017 00:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.0	69.0
63	29.4	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: 5.44 ng

RT: 7.30 min Scan# 911

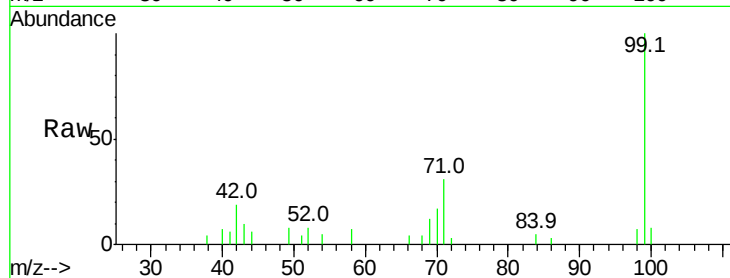
Delta R.T. 0.02 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Tot Ion: 99 Resp: 34781

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	30.6	24.5	36.7

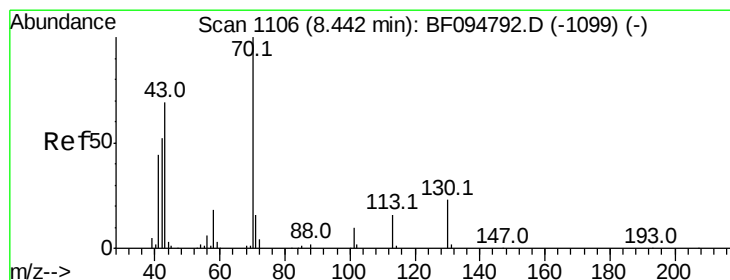
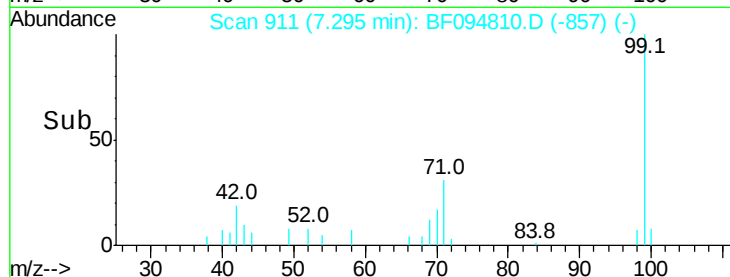
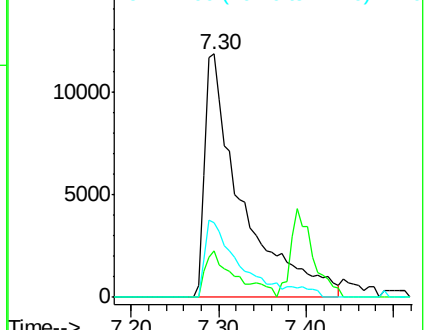


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 2.51 ng

RT: 8.62 min Scan# 1136

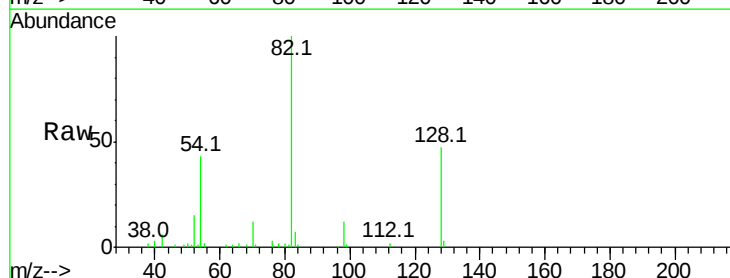
Delta R.T. 0.18 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Tgt Ion: 70 Resp: 10840

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



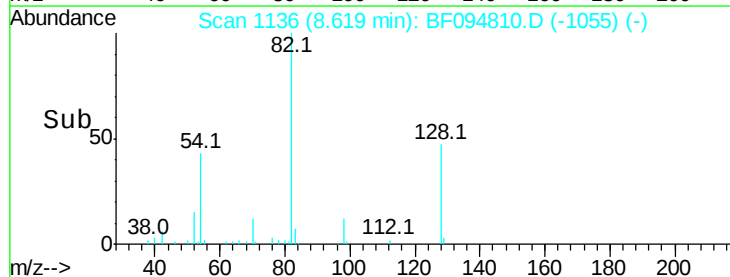
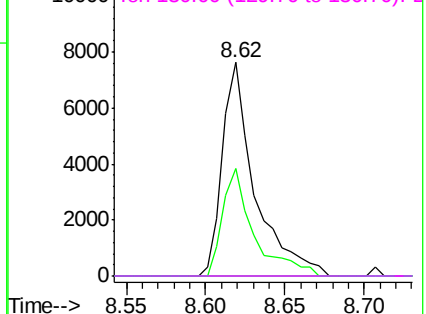
Abundance

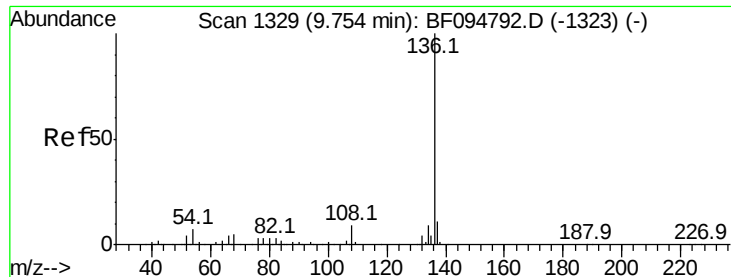
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

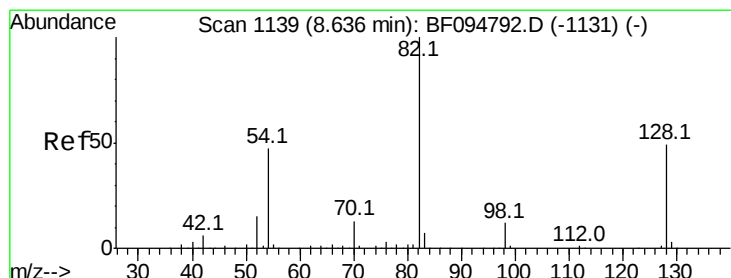
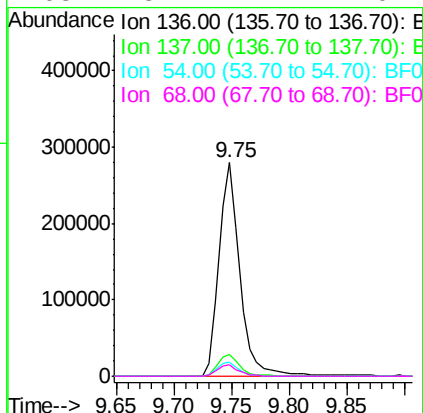
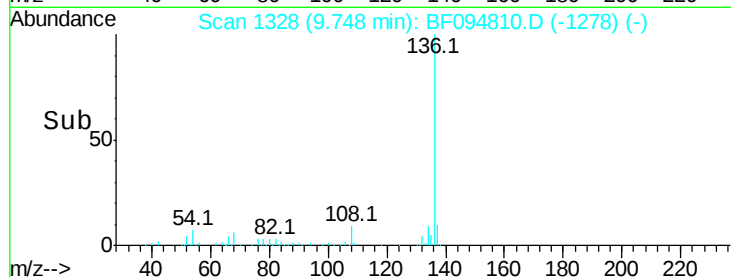
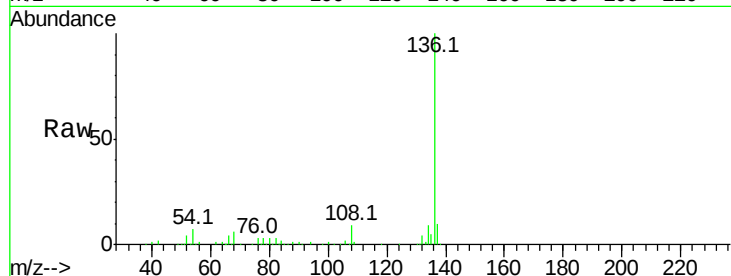
Ion 130.00 (129.70 to 130.70): BF0





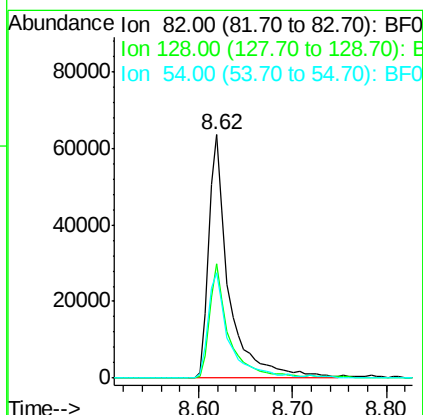
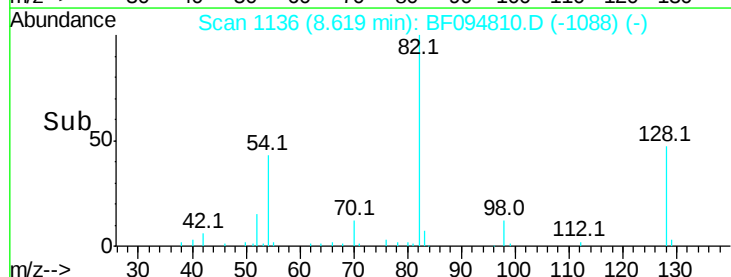
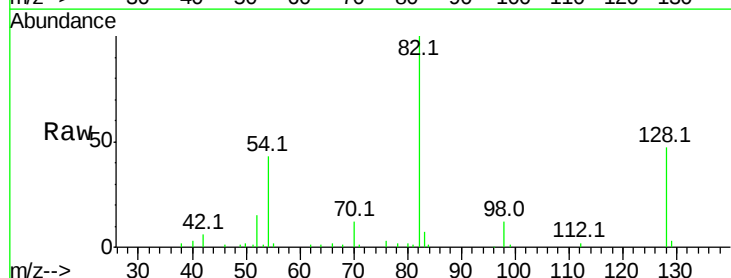
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094810.D
Acq: 3 May 2017 00:08

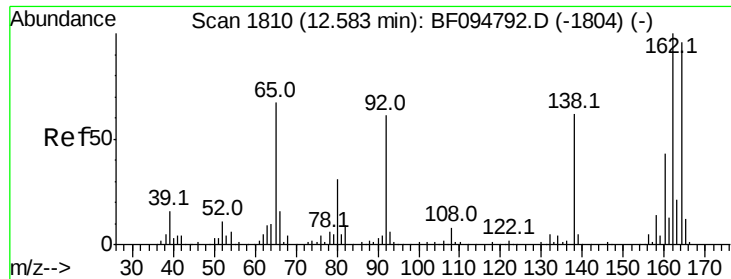
Tot Ion:136	Resp: 353312
Ion Ratio	Lower Upper
136 100	
137 10.1	8.5 12.7
54 6.6	4.9 7.3
68 5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 17.15 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094810.D
Acq: 3 May 2017 00:08

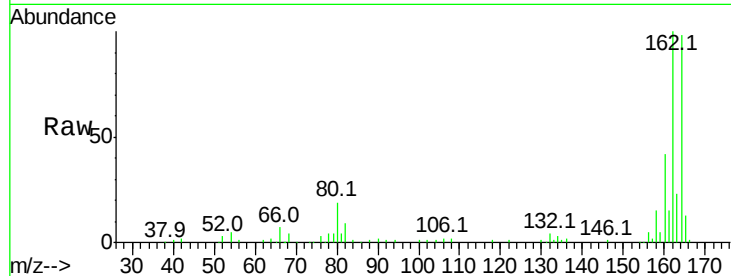
Tgt Ion: 82	Resp: 96090
Ion Ratio	Lower Upper
82 100	
128 47.2	34.0 51.0
54 43.3	42.2 63.2



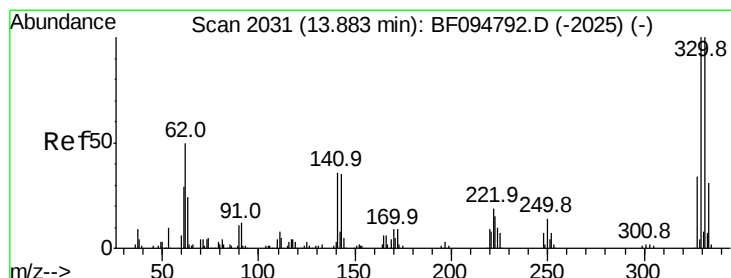
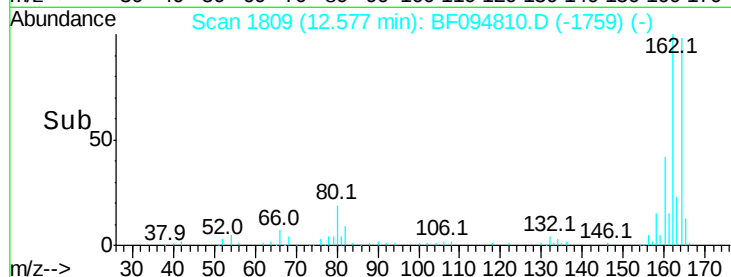
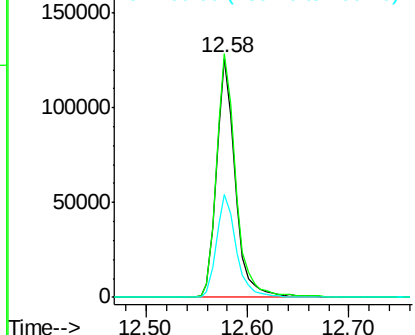


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094810.D
Acq: 3 May 2017 00:08

Tot Ion:164 Resp: 162733
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 43.0 36.2 54.2

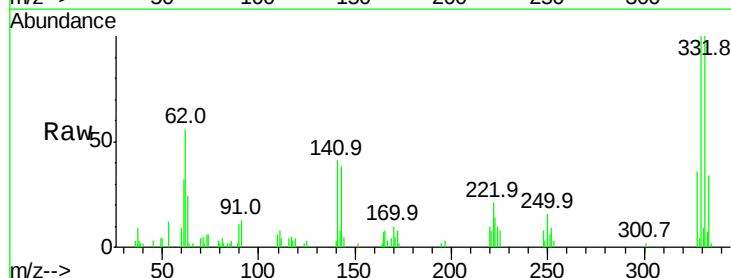


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

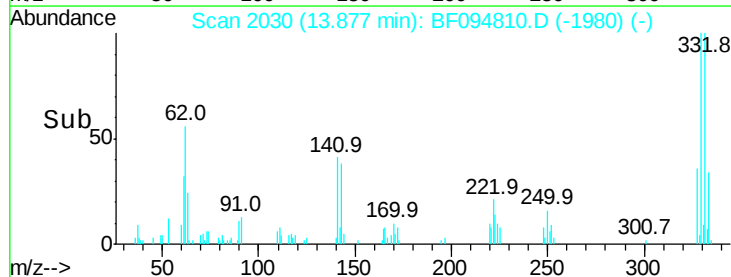
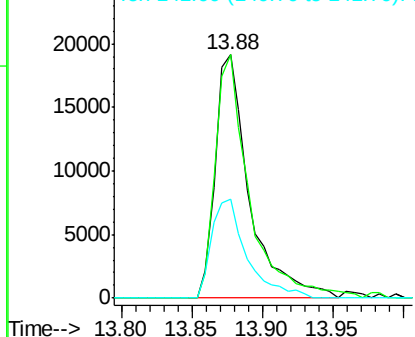


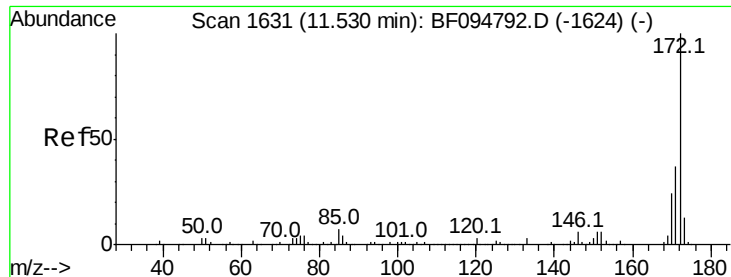
#41
2,4,6-Tribromophenol
Concen: 24.21 ng
RT: 13.88 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF094810.D
Acq: 3 May 2017 00:08

Tgt Ion:330 Resp: 32271
Ion Ratio Lower Upper
330 100
332 99.5 76.6 115.0
141 41.7 31.4 47.2



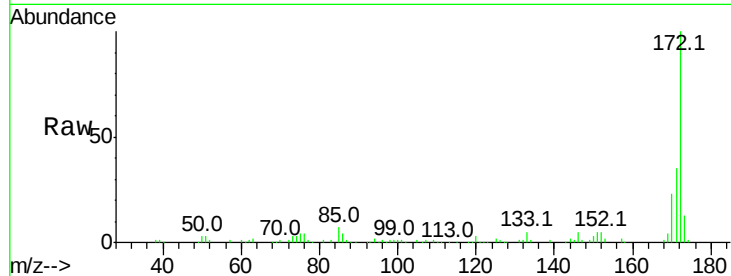
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



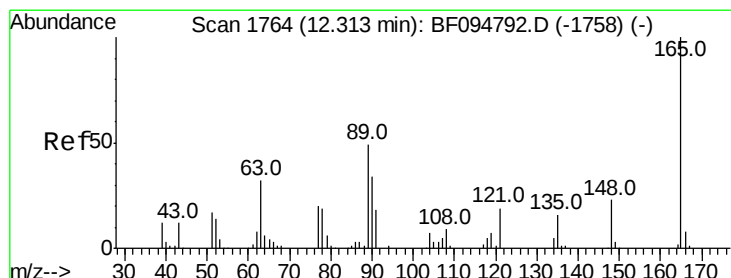
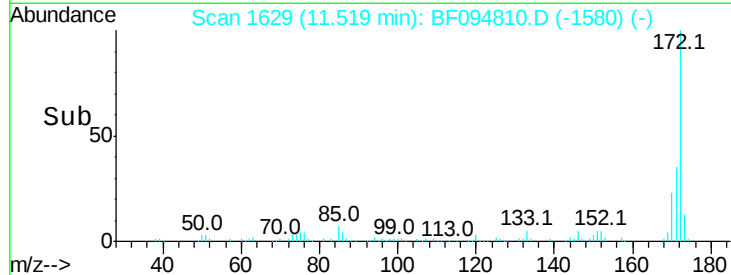
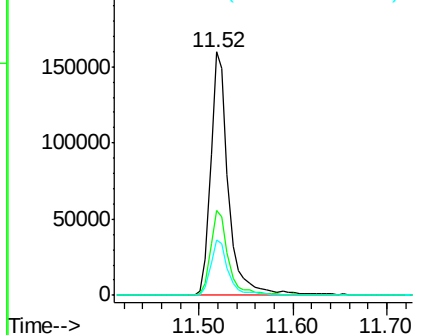


#44
 2-Fluorobiphenyl
 Concen: 18.90 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.7	19.8	29.8

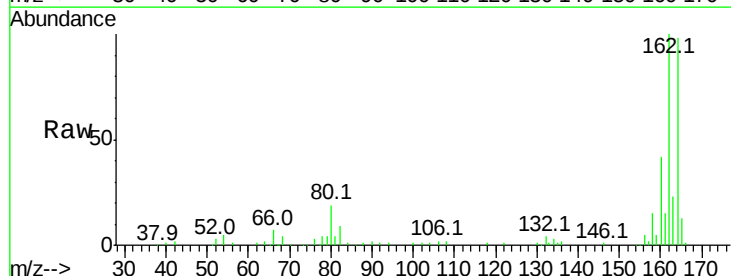


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

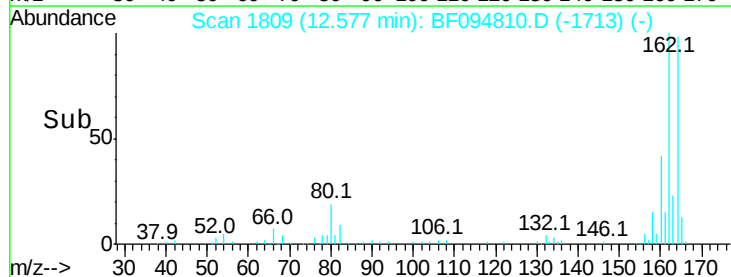
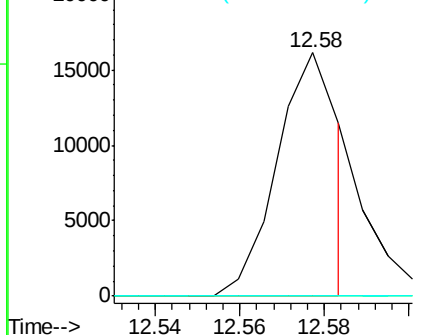


#50
 2,6-Dinitrotoluene
 Concen: 6.00 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. 0.26 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tgt 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: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

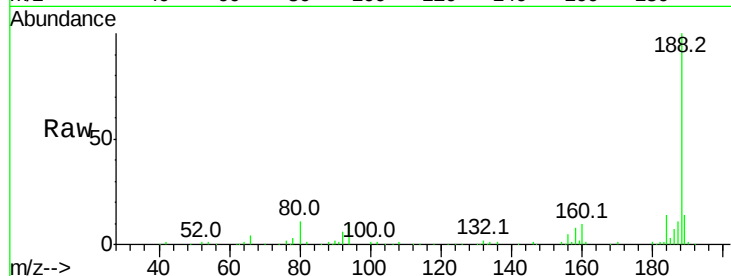
Tot Ion:188 Resp: 275767

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.7	10.2	15.2

188 100

94 10.2 9.4 14.2

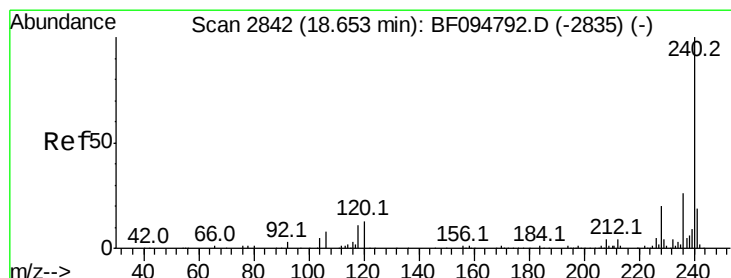
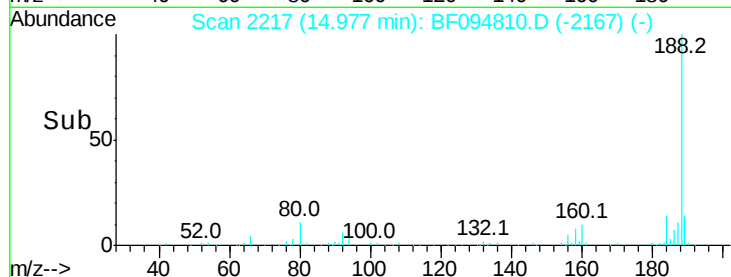
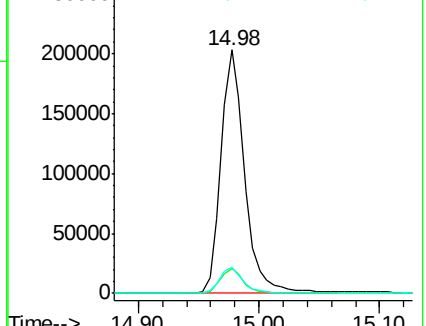
80 10.7 10.2 15.2



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: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

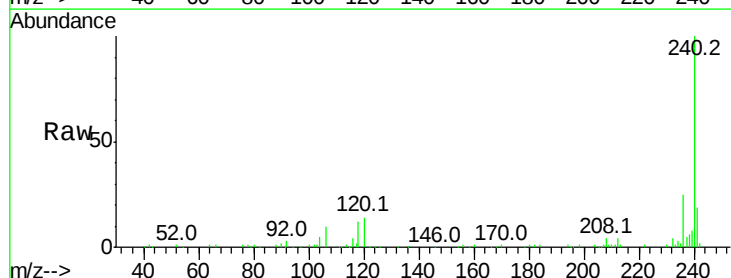
Tgt Ion:240 Resp: 193144

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.1	20.5	30.7

240 100

120 14.2 5.8 8.8#

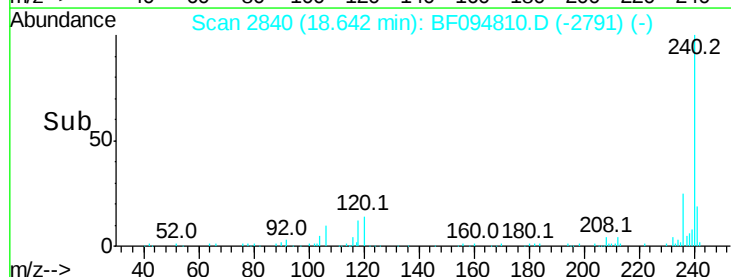
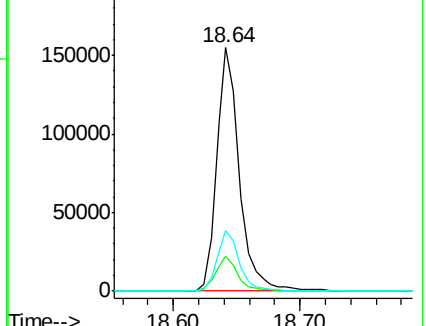
236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

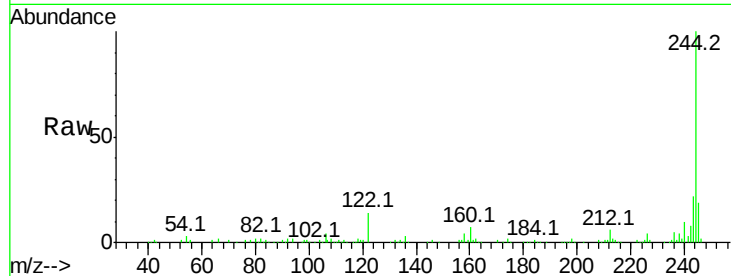
Ion 236.00 (235.70 to 236.70): E



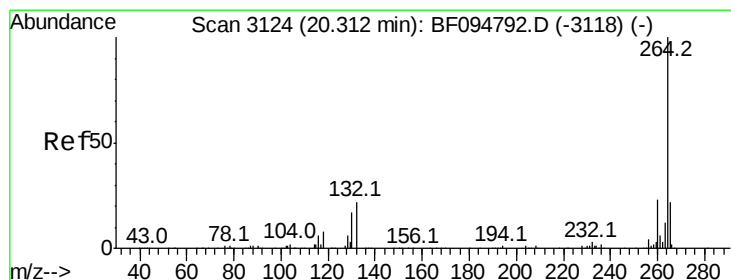
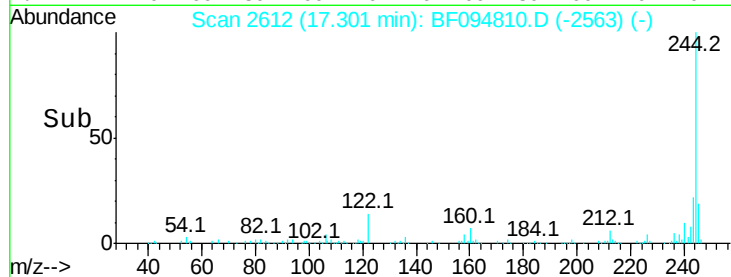
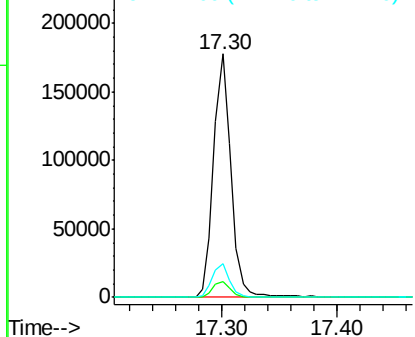


#78
 Terphenyl-d14
 Concen: 21.24 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tot Ion:244 Resp: 186228
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 13.8 10.3 15.5

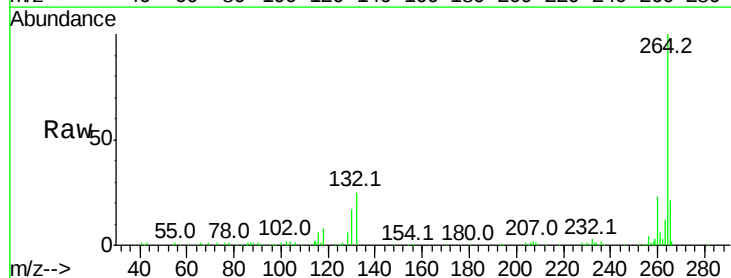


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tgt Ion:264 Resp: 163989
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.9 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

