

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094822.D
 Acq On : 3 May 2017 7:48
 Operator : SJ/MA
 Sample : PB98658TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

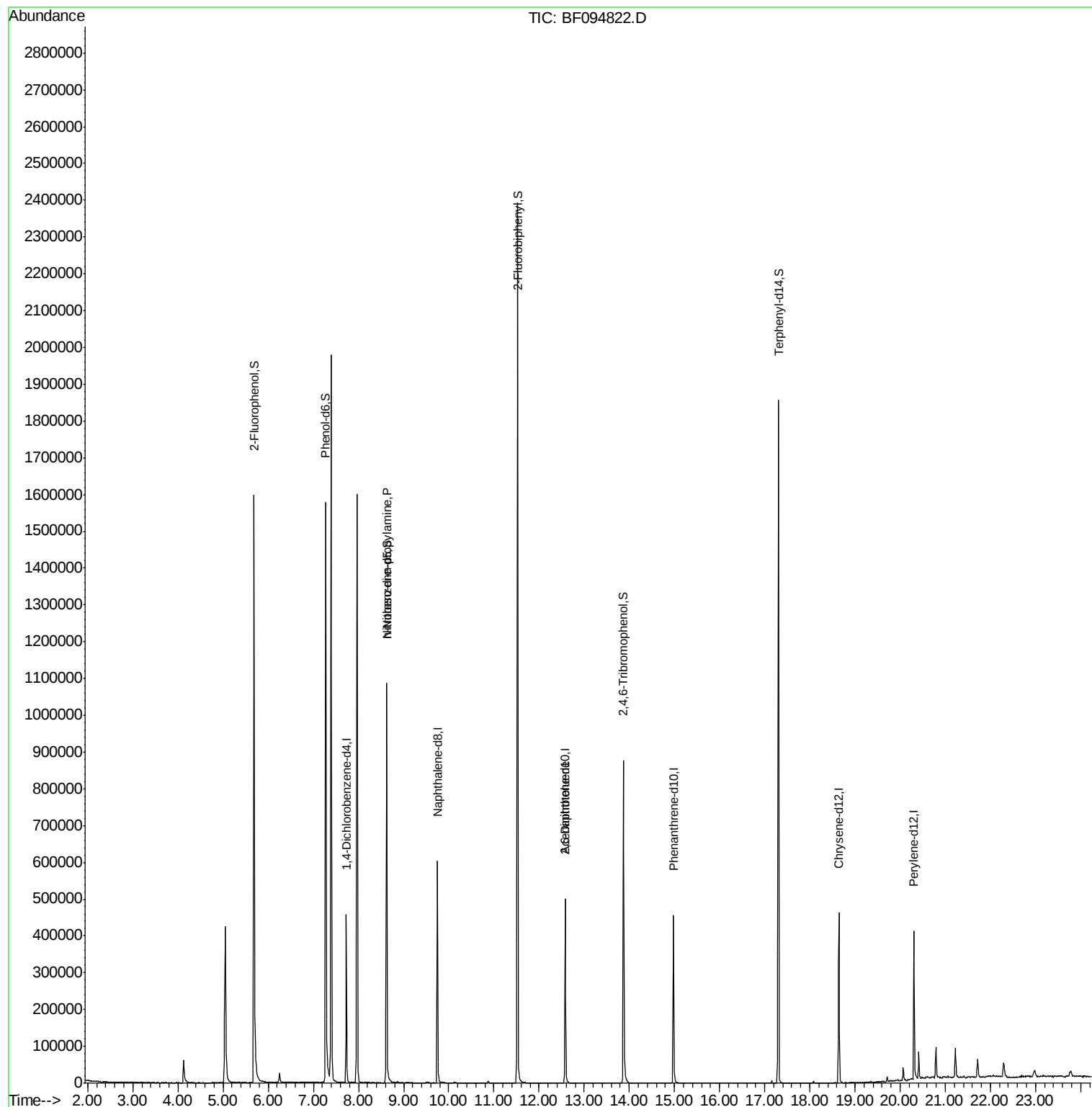
Quant Time: May 03 08:26:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

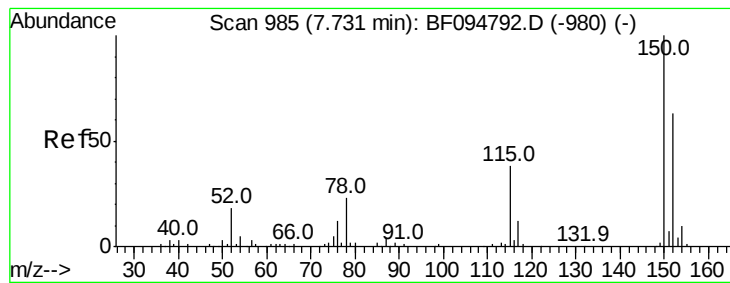
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	91443	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	371057	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	151950	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	246368	20.00	ng	0.00
75) Chrysene-d12	18.64	240	201046	20.00	ng	-0.01
86) Perylene-d12	20.31	264	170184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	731851	133.43	ng	0.01
7) Phenol-d6	7.28	99	866419	131.66	ng	0.00
23) Nitrobenzene-d5	8.62	82	489390	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	146679	117.87	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1019590	96.58	ng	0.00
78) Terphenyl-d14	17.31	244	697822	76.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	61897	13.91	ng	# 78
50) 2,6-Dinitrotoluene	12.58	165	15885	6.24	ng	# 31

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

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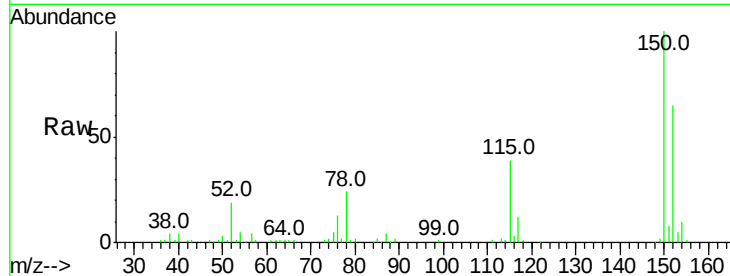




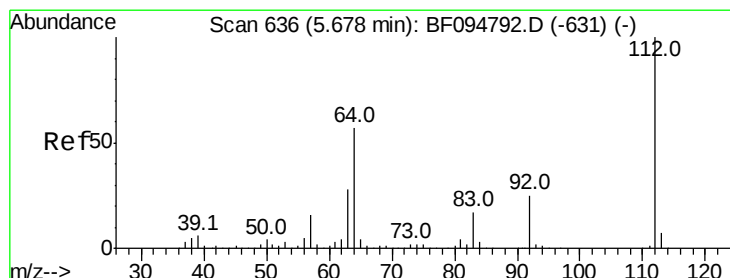
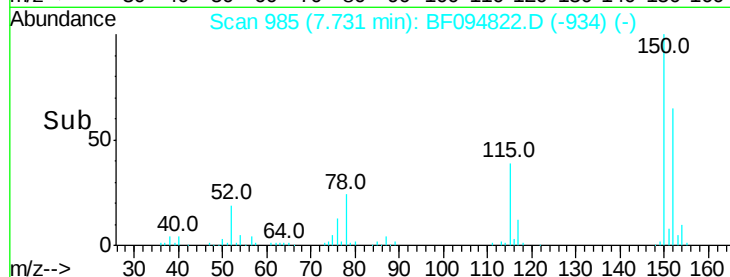
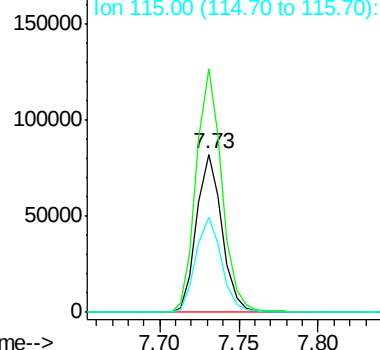
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	60.5	52.2	78.2



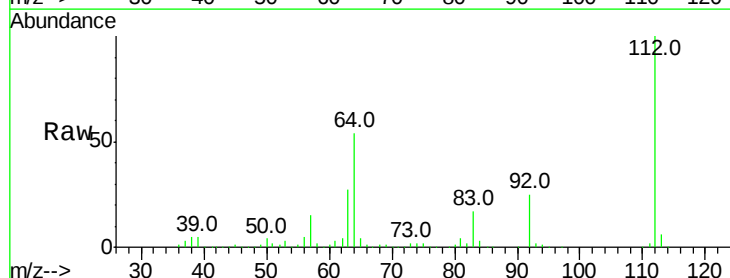
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



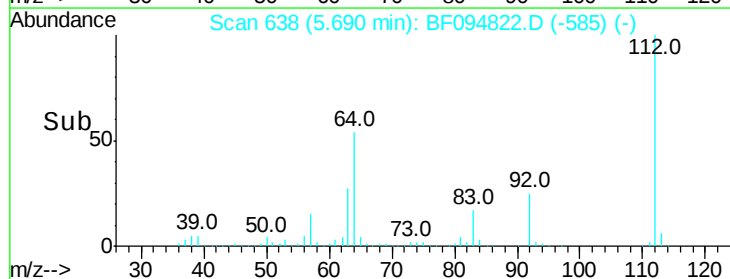
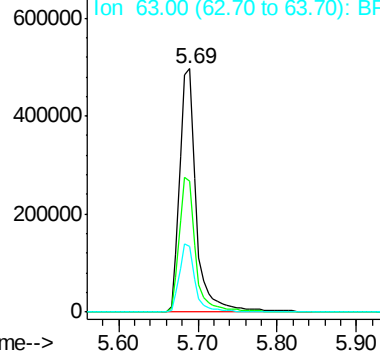
#5

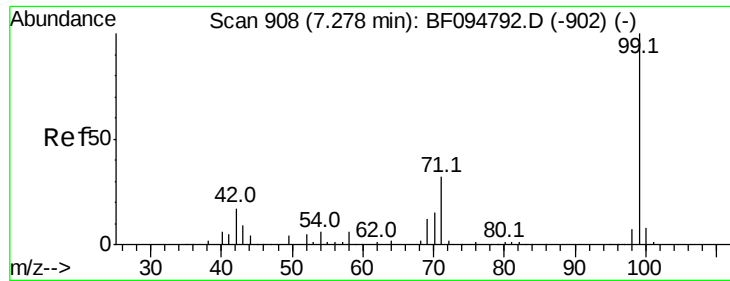
2-Fluorophenol
Concen: 133.43 ng
RT: 5.69 min Scan# 638
Delta R.T. 0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.8	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: 131.66 ng

RT: 7.28 min Scan# 908

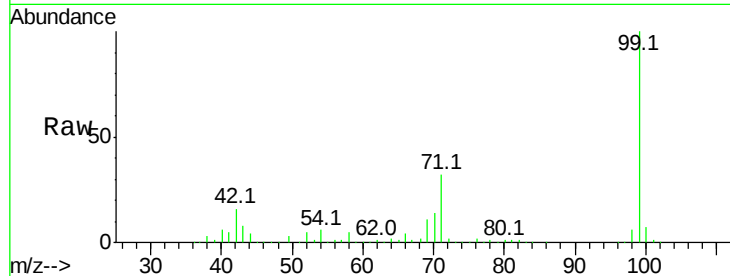
Delta R.T. 0.00 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Tot Ion: 99 Resp: 866419

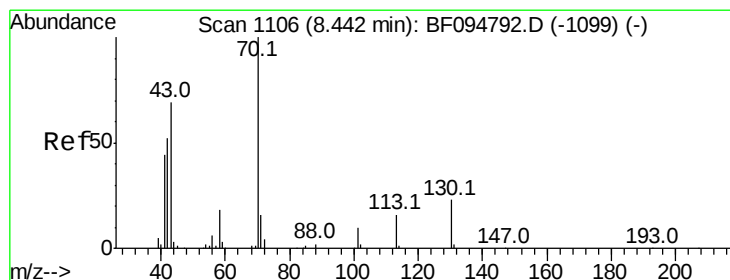
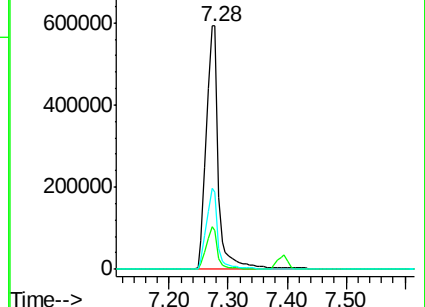
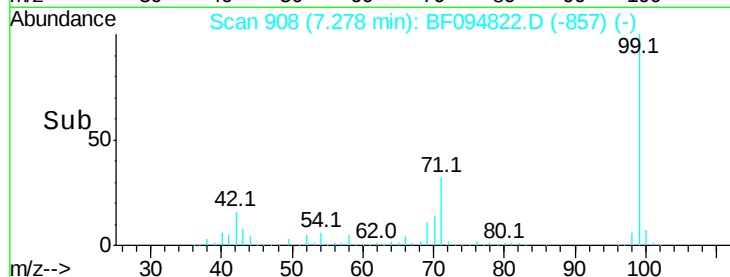
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.7	24.5	36.7



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: 13.91 ng

RT: 8.62 min Scan# 1137

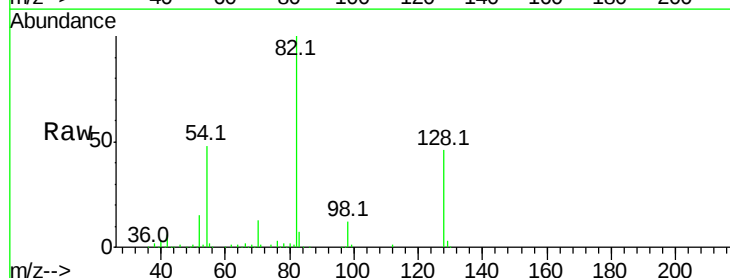
Delta R.T. 0.18 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Tgt Ion: 70 Resp: 61897

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

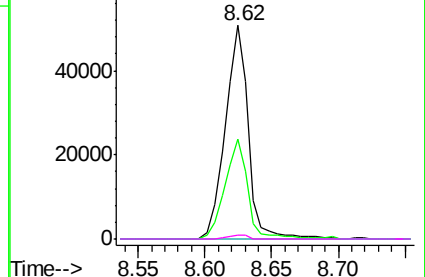
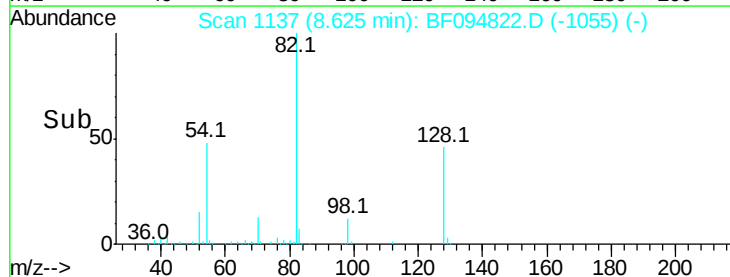


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

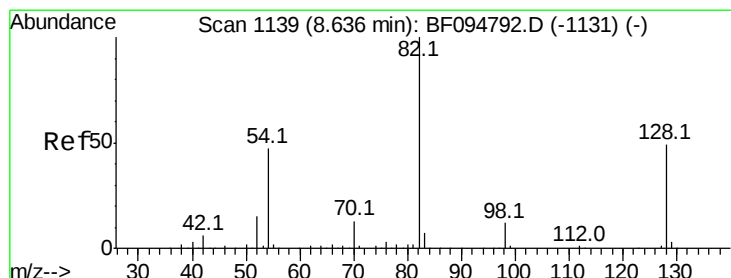
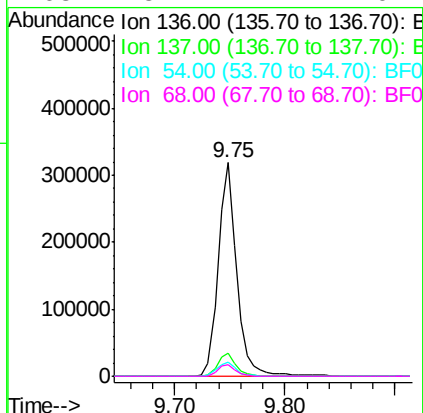
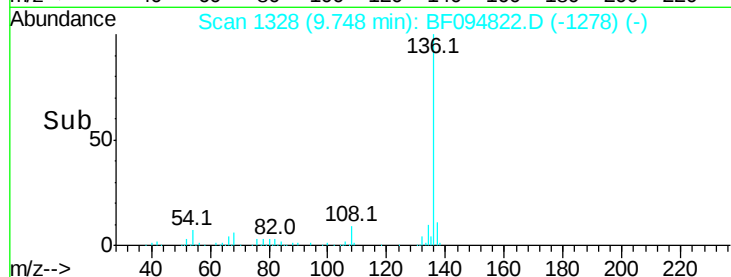
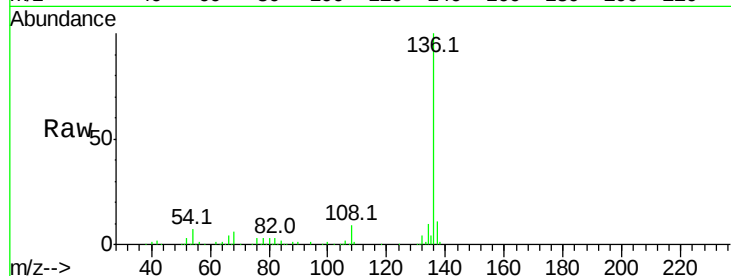
Ion 130.00 (129.70 to 130.70): BF0





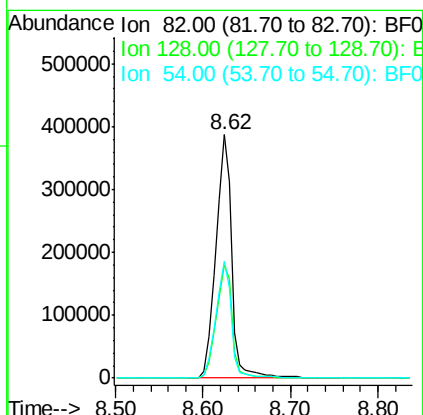
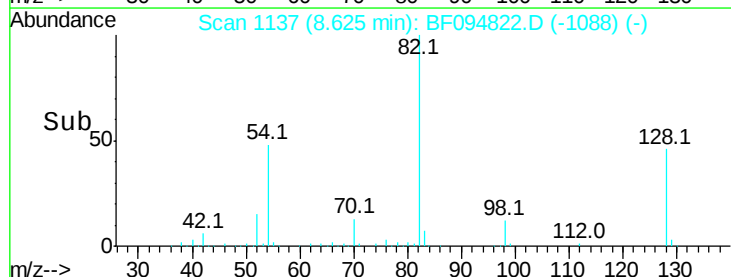
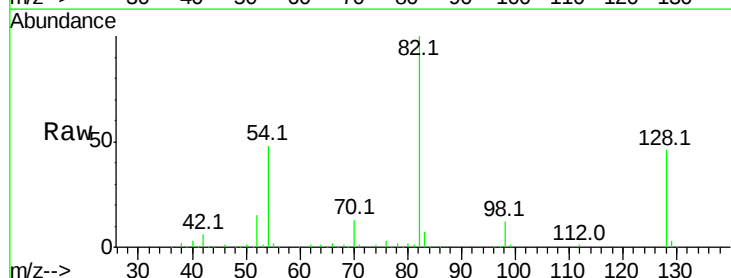
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

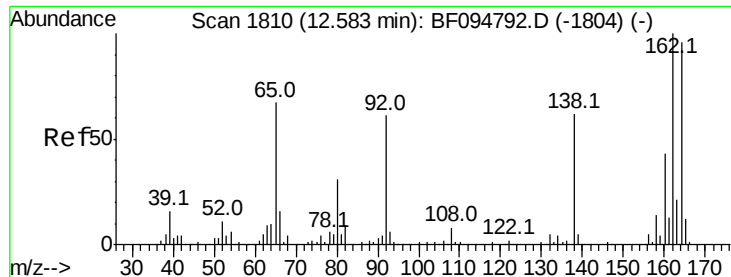
Tot Ion:136	Resp:	371057
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.5	12.7
54 6.8	4.9	7.3
68 5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 83.17 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

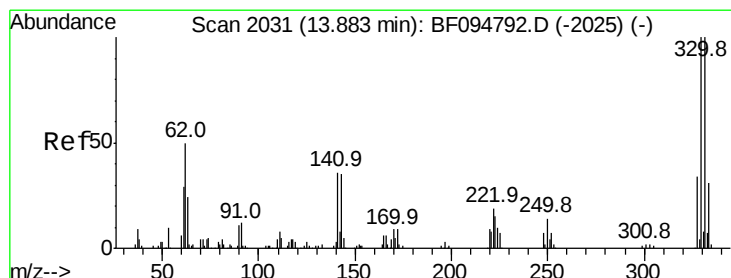
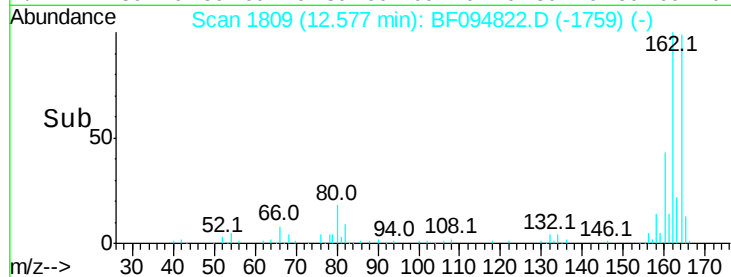
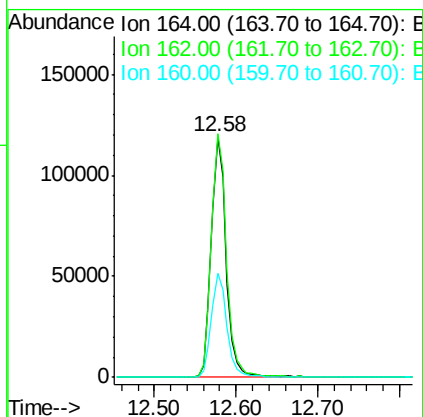
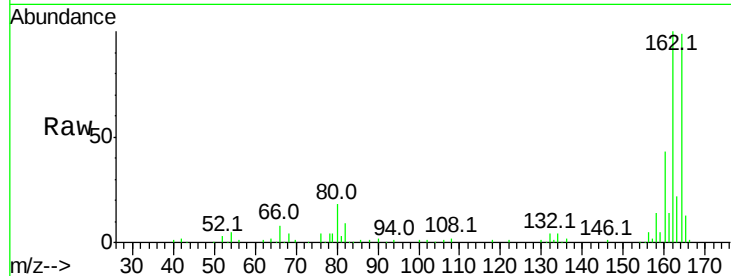
Tgt Ion: 82	Resp: 489390
Ion Ratio	Lower Upper
82 100	
128 46.5	34.0 51.0
54 47.8	42.2 63.2





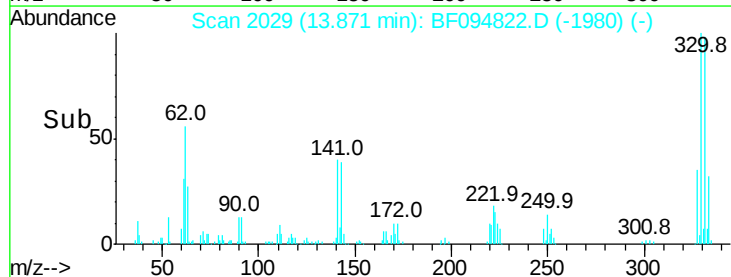
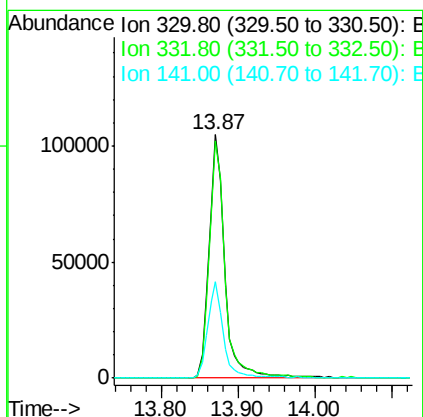
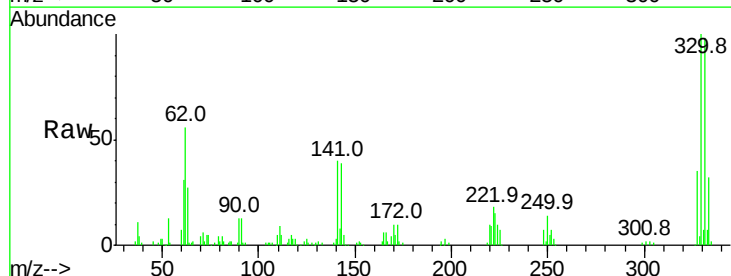
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tot Ion:164 Resp: 151950
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 43.6 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 117.87 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tgt Ion:330 Resp: 146679
Ion Ratio Lower Upper
330 100
332 97.8 76.6 115.0
141 38.6 31.4 47.2

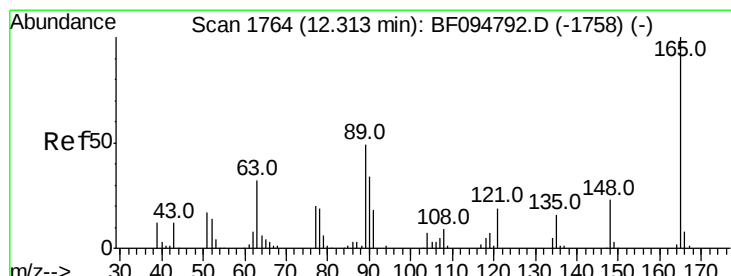
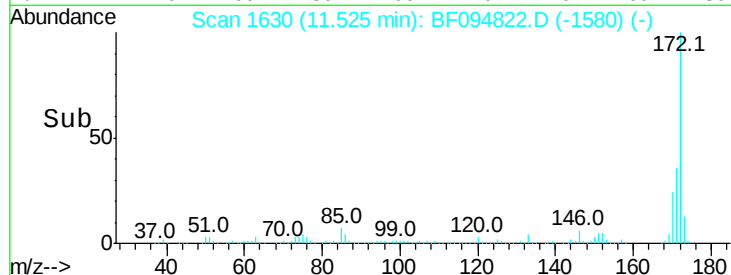
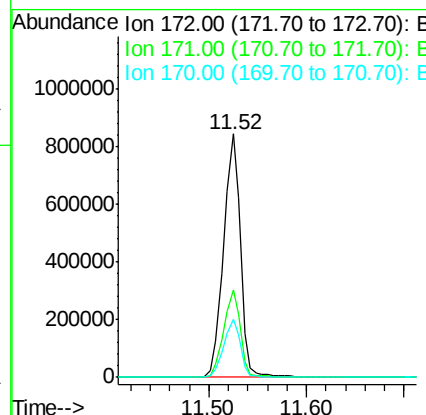
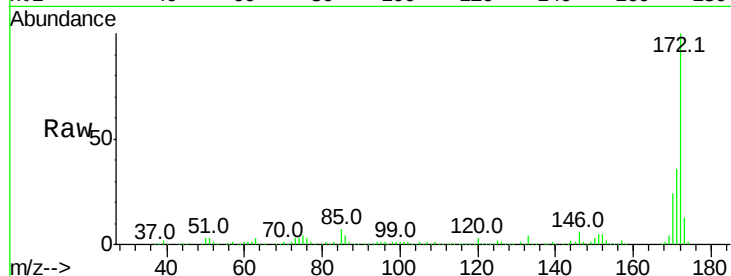




#44
 2-Fluorobiphenyl
 Concen: 96.58 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Tot Ion:172 Resp: 1019590

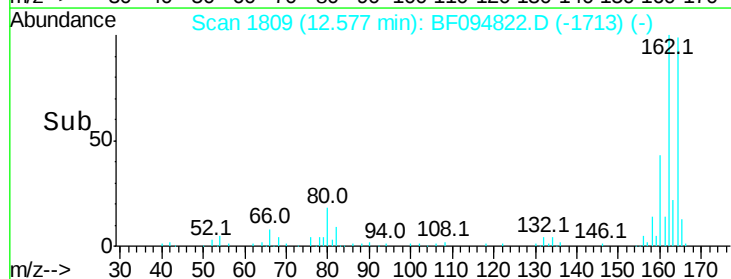
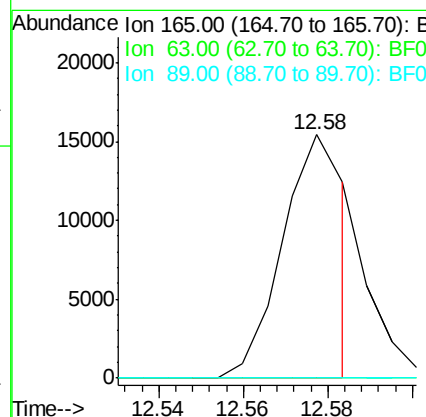
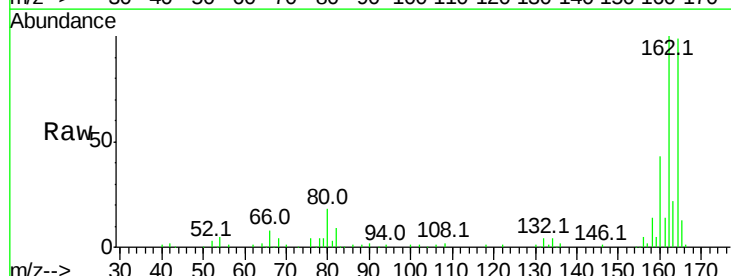
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.24 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. 0.26 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Tgt Ion:165 Resp: 15885

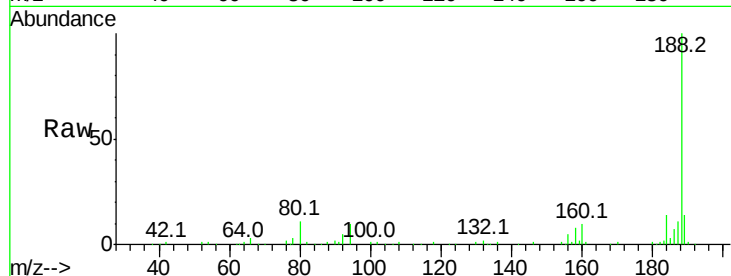
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



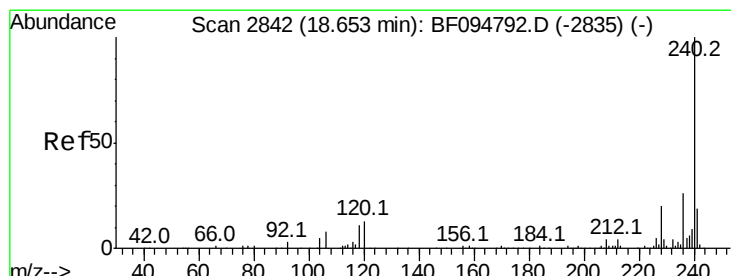
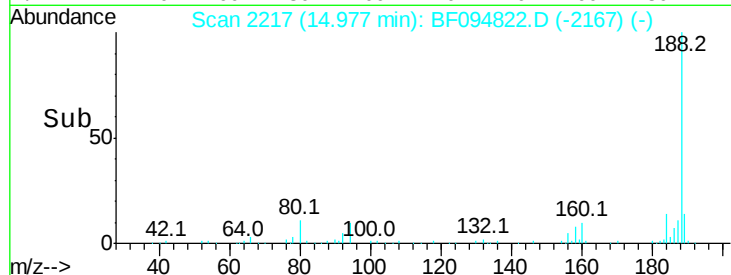
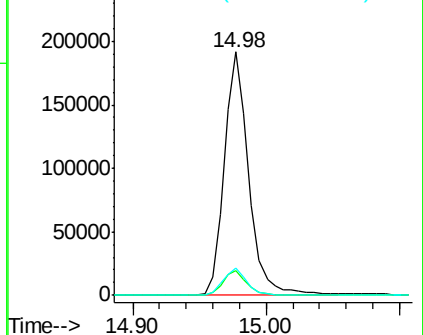


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.3	10.2	15.2

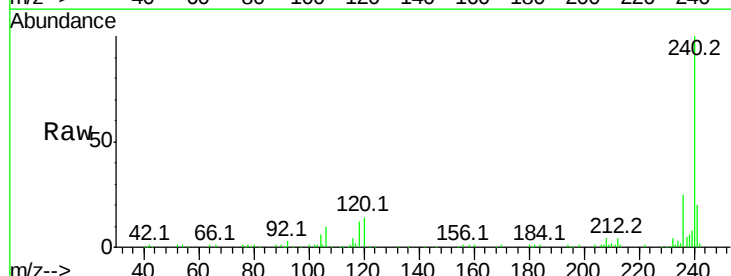


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

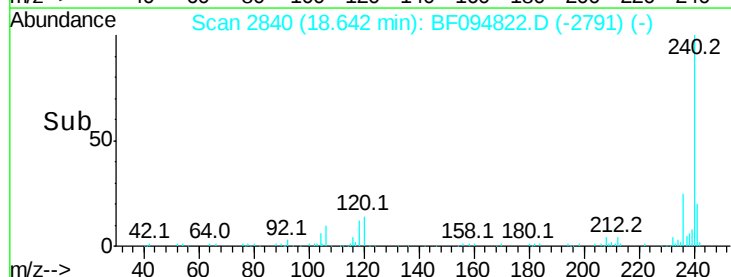
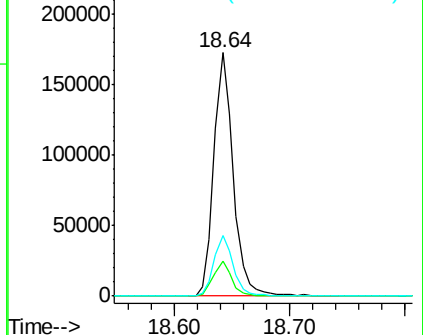


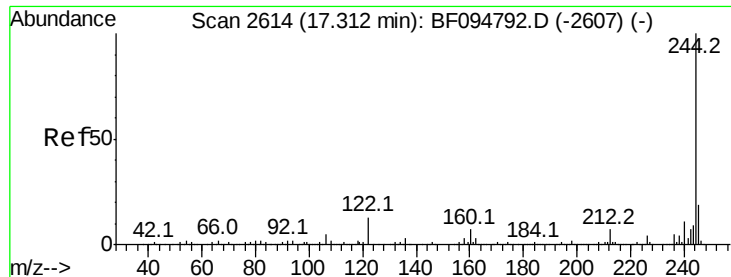
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.6	20.5	30.7



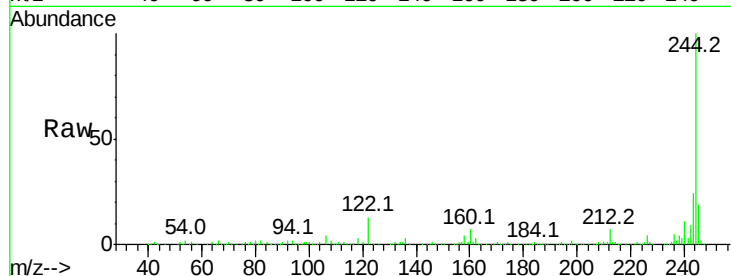
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



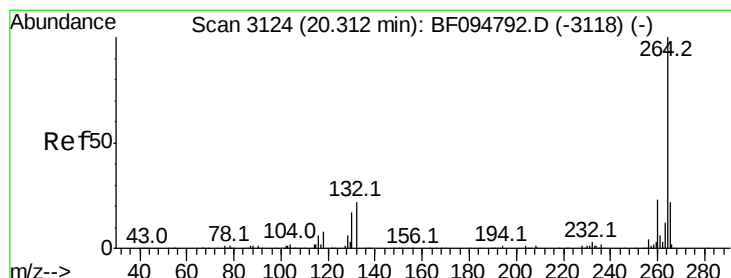
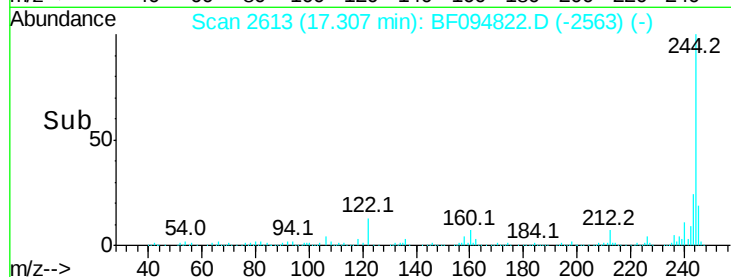
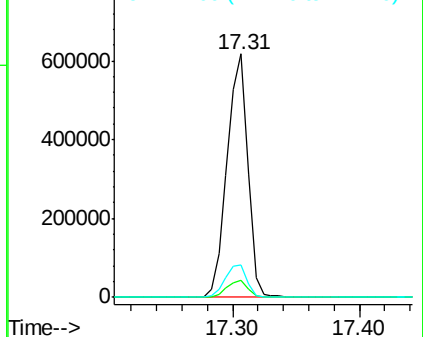


#78
 Terphenyl-d14
 Concen: 76.45 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Tot Ion:244 Resp: 697822
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.3 10.3 15.5

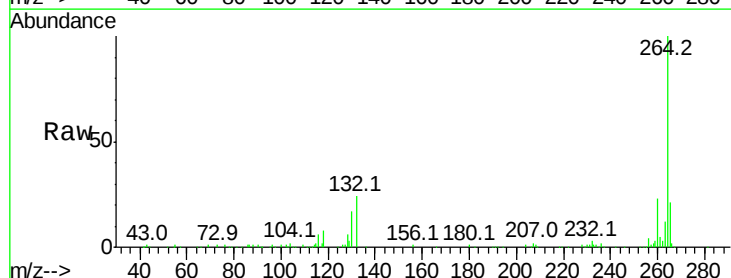


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Tgt Ion:264 Resp: 170184
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.7 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

