

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094338.D
 Acq On : 11 Apr 2017 5:02
 Operator : SJ/MA
 Sample : I2598-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 05:26:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

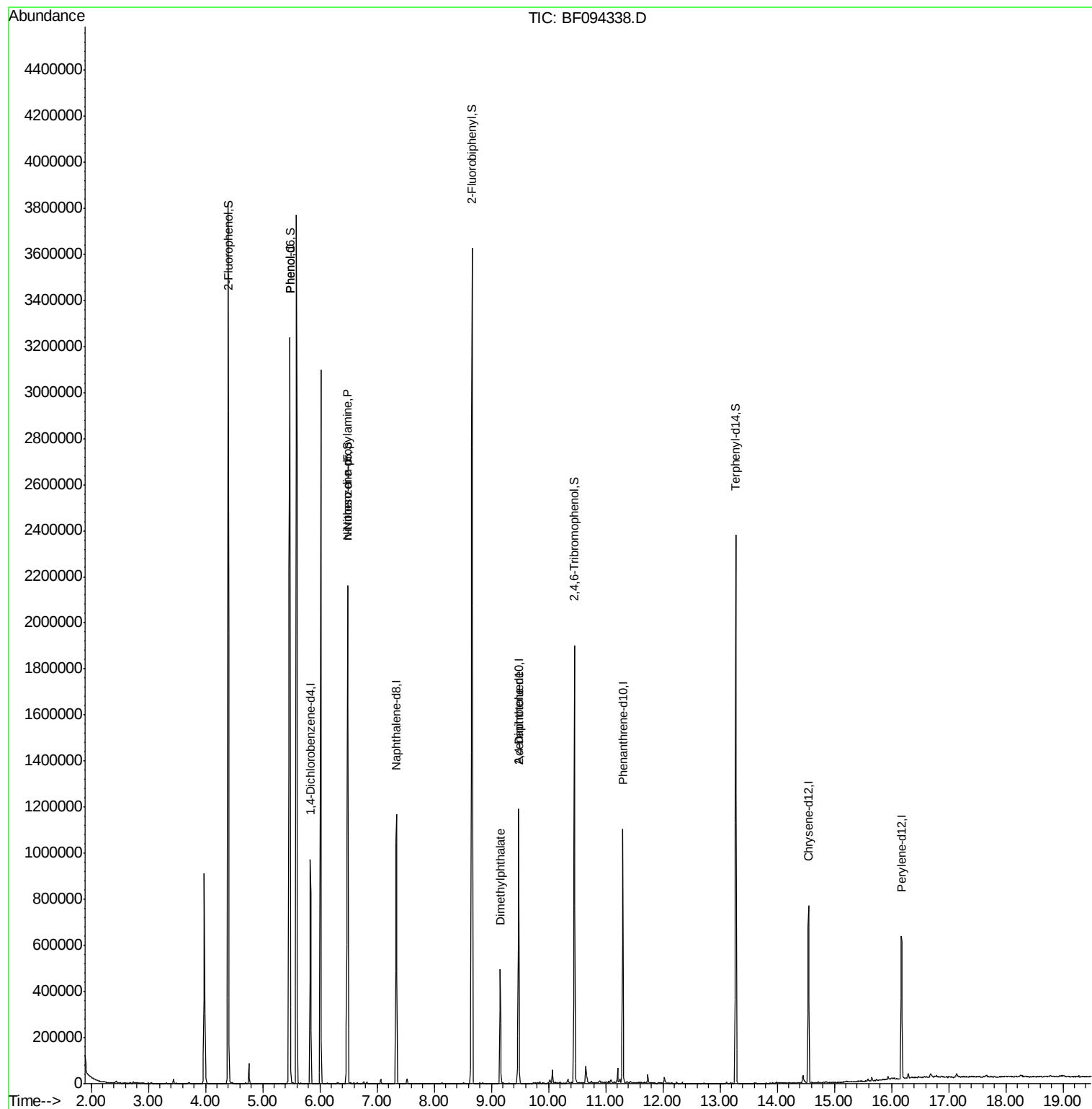
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	161365	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	628130	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	270848	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	427316	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	291359	20.00	ng	-0.02
86) Perylene-d12	16.18	264	254048	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1158070	121.22	ng	0.01
7) Phenol-d6	5.47	99	1464060	123.87	ng	0.01
23) Nitrobenzene-d5	6.49	82	932598	84.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	242726	113.41	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1359105	76.54	ng	-0.02
78) Terphenyl-d14	13.28	244	848625	65.29	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	112187	8.34	ng	99
19) n-Nitroso-di-n-propylamine	6.49	70	120751	15.90	ng	# 77
49) Dimethylphthalate	9.16	163	211319	10.98	ng	99
56) 2,4-Dinitrotoluene	9.47	165	33837	6.10	ng	# 32

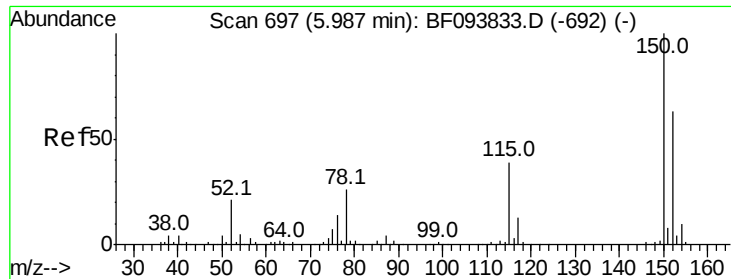
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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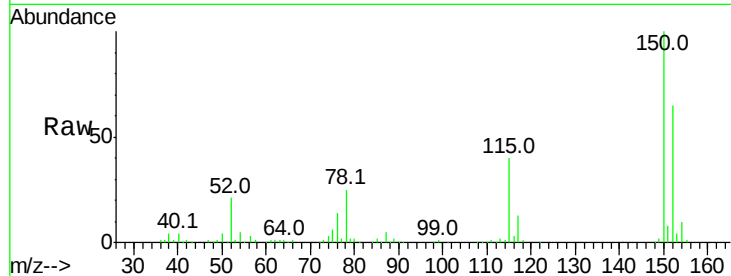


#1

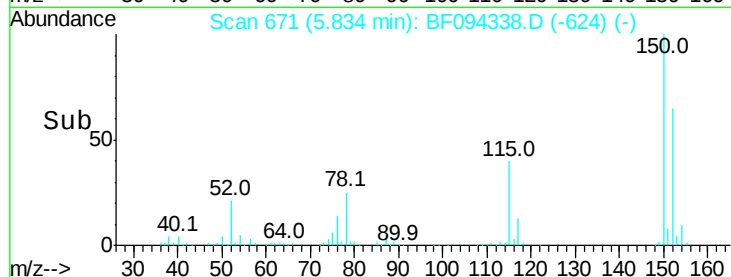
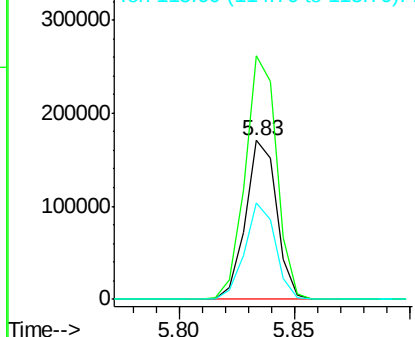
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161365
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 60.8 52.2 78.2



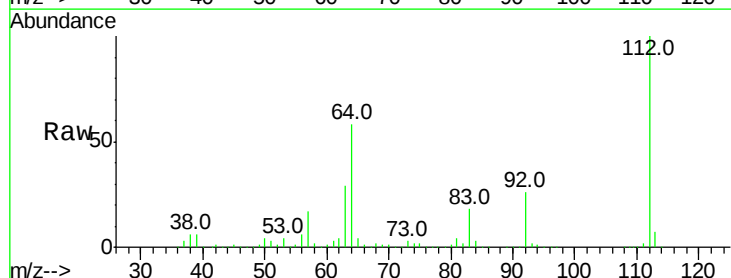
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



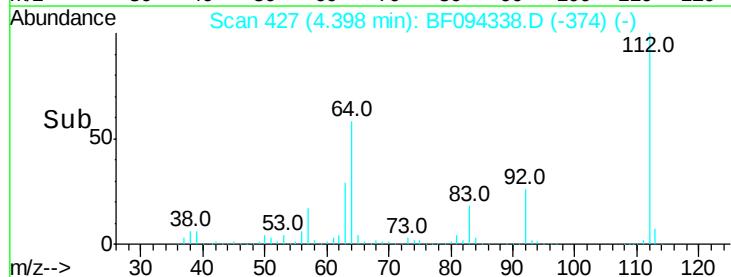
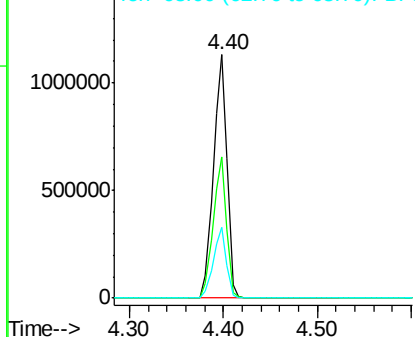
#5

2-Fluorophenol
Concen: 121.22 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Tgt Ion:112 Resp: 1158070
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 29.3 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: 123.87 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094338.D

Acq: 11 Apr 2017 5:02

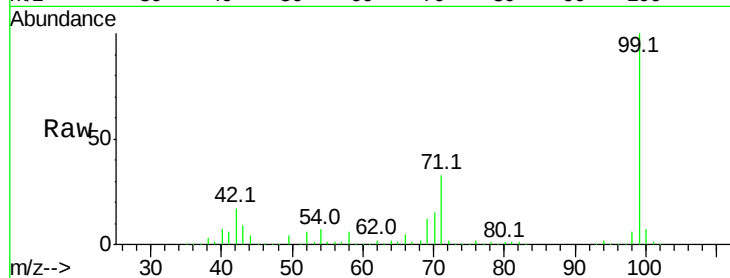
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1464060

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.5	24.5	36.7

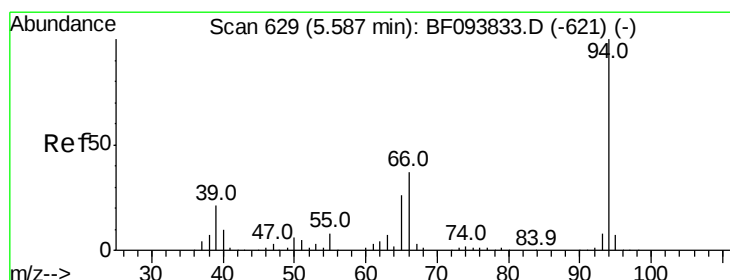
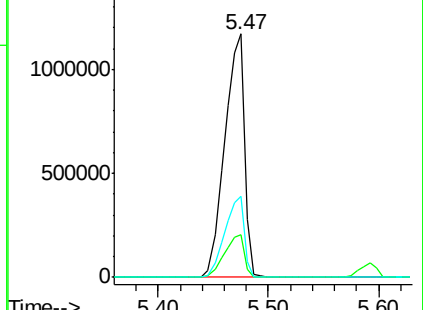
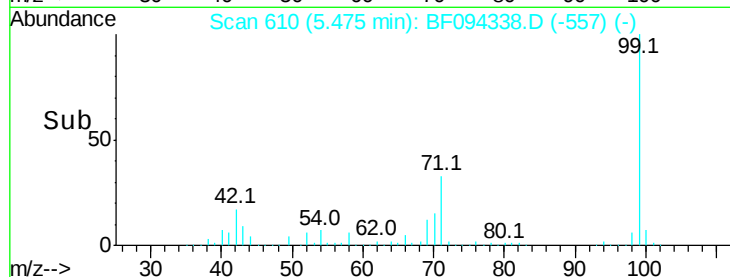


Abundance

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: 8.34 ng

RT: 5.48 min Scan# 611

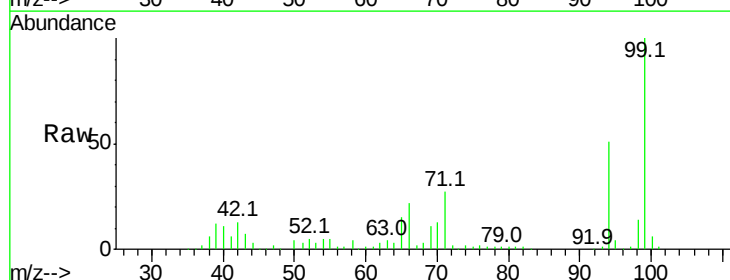
Delta R.T. -0.00 min

Lab File: BF094338.D

Acq: 11 Apr 2017 5:02

Tgt Ion: 94 Resp: 112187

Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.9	49.9
66	42.2	23.1	63.1

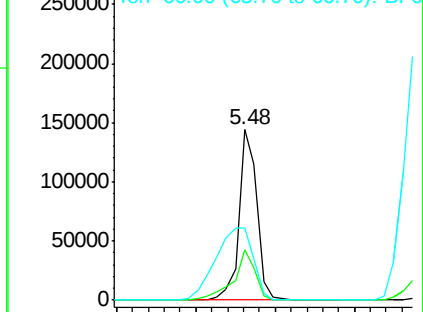
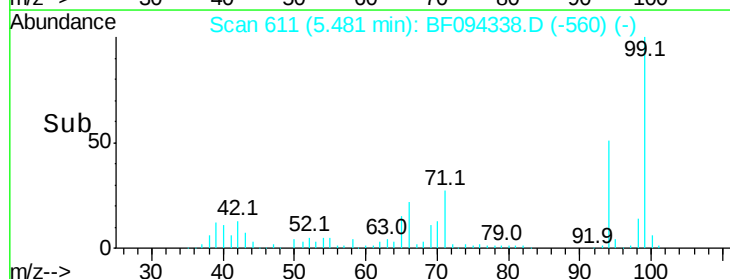


Abundance

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: 15.90 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094338.D

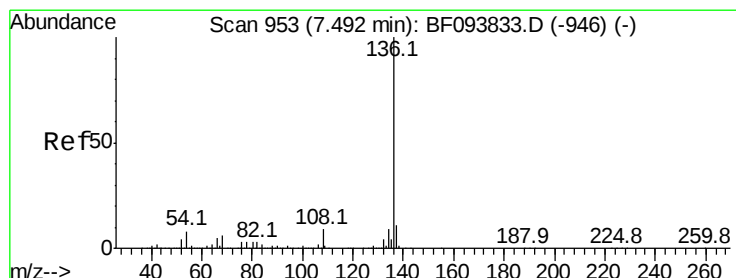
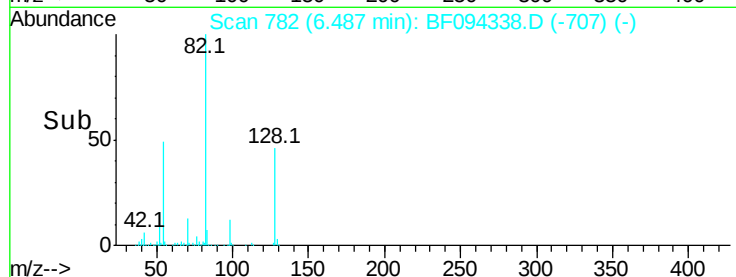
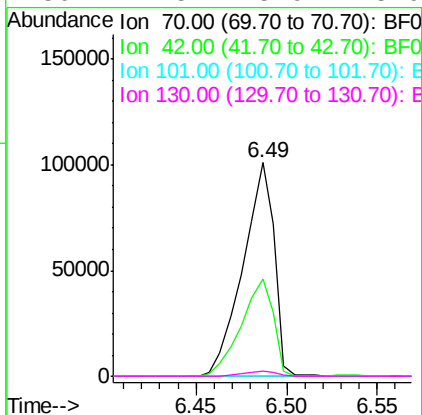
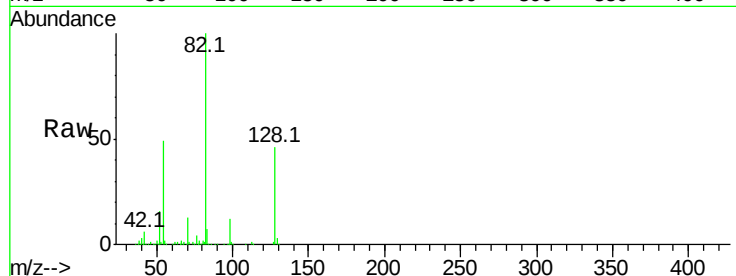
Acq: 11 Apr 2017 5:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	120751
Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

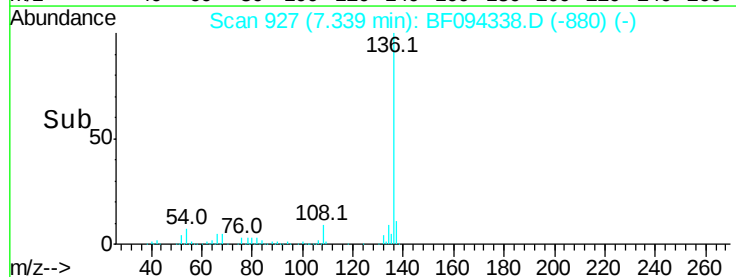
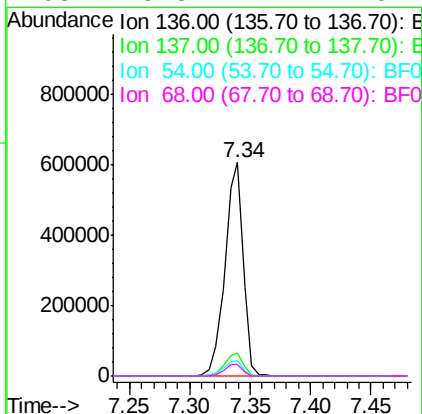
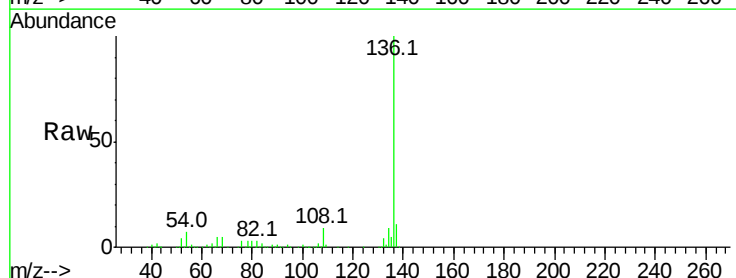
RT: 7.34 min Scan# 927

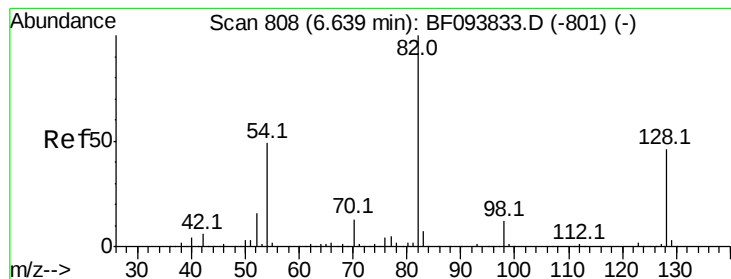
Delta R.T. -0.02 min

Lab File: BF094338.D

Acq: 11 Apr 2017 5:02

Tgt Ion:	136	Resp:	628130
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.0	4.9	7.3
68	5.3	4.1	6.1





#23

Nitrobenzene-d5

Concen: 84.73 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094338.D

Acq: 11 Apr 2017 5:02

Instrument :

BNA_F

ClientSampled :

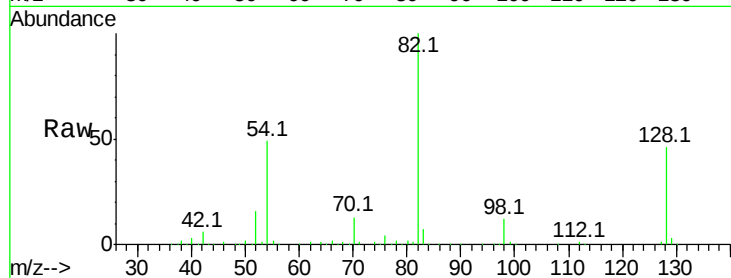
Tot Ion: 82 Resp: 932598

Ion Ratio Lower Upper

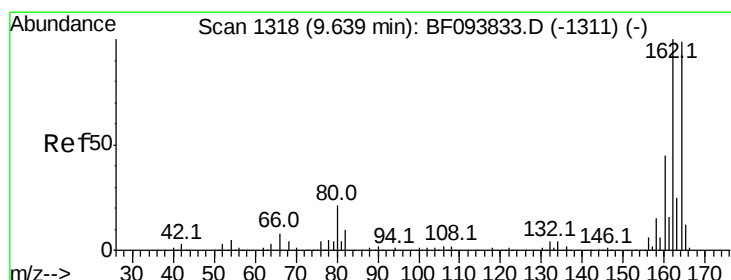
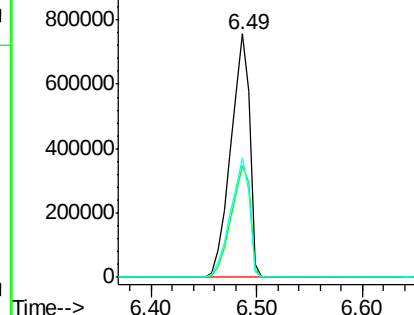
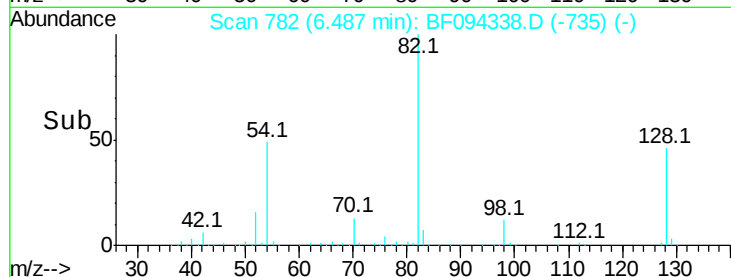
82 100

128 46.1 34.0 51.0

54 49.1 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: 9.47 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF094338.D

Acq: 11 Apr 2017 5:02

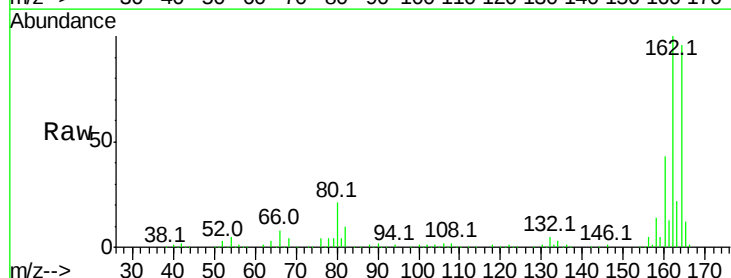
Tgt Ion:164 Resp: 270848

Ion Ratio Lower Upper

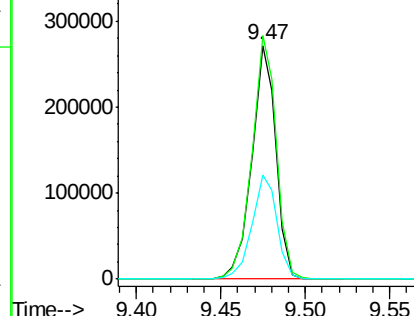
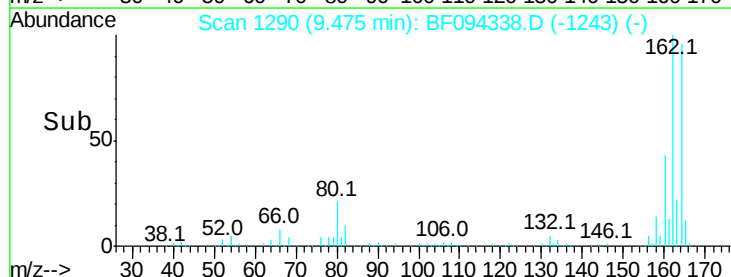
164 100

162 104.1 82.6 123.8

160 44.7 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

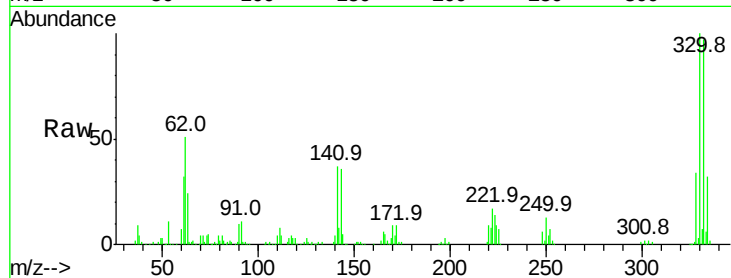




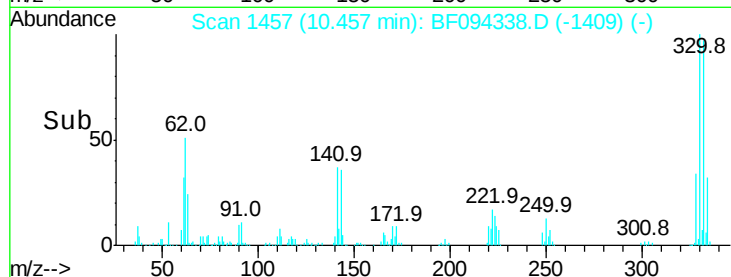
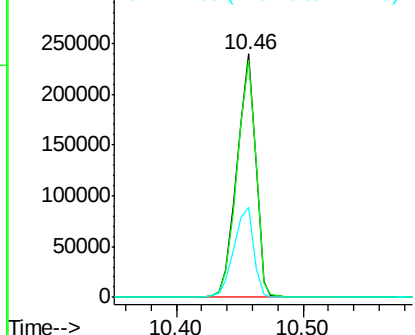
#41
 2,4,6-Tribromophenol
 Concen: 113.41 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 242726
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 39.2 31.4 47.2

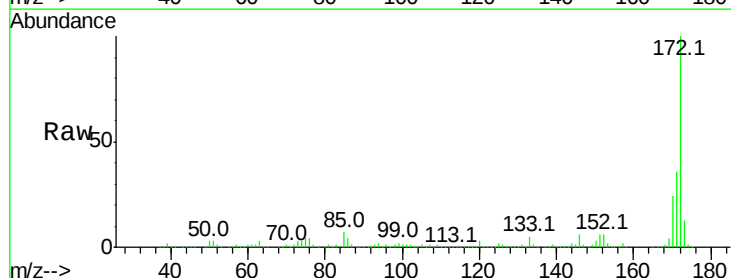


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

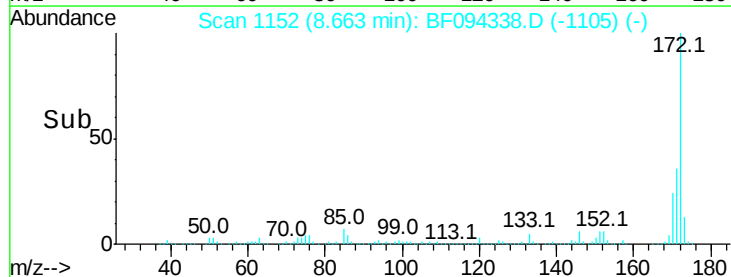
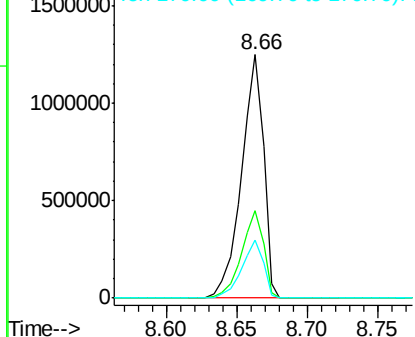


#44
 2-Fluorobiphenyl
 Concen: 76.54 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Tgt Ion:172 Resp: 1359105
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 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

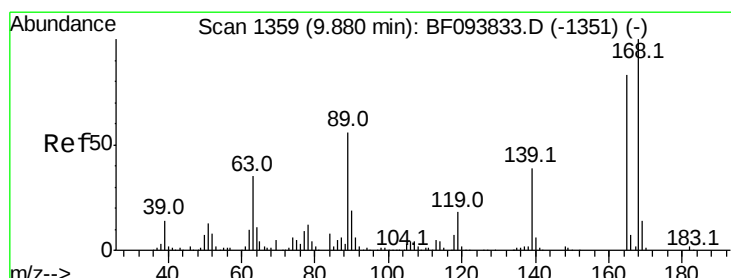
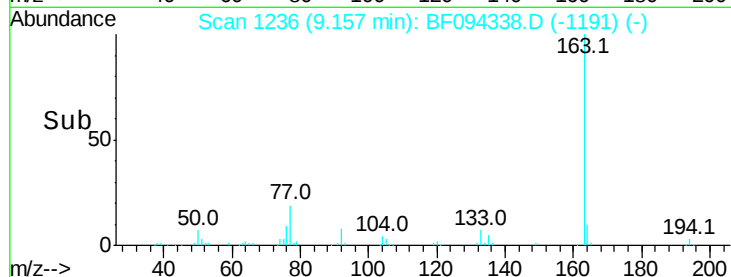
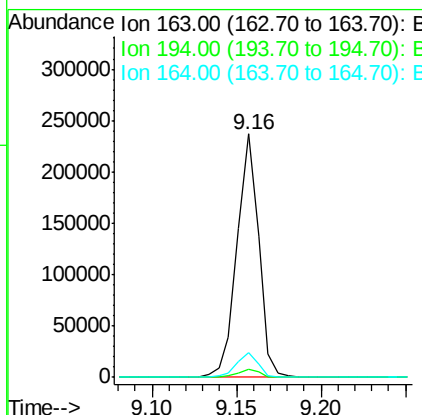
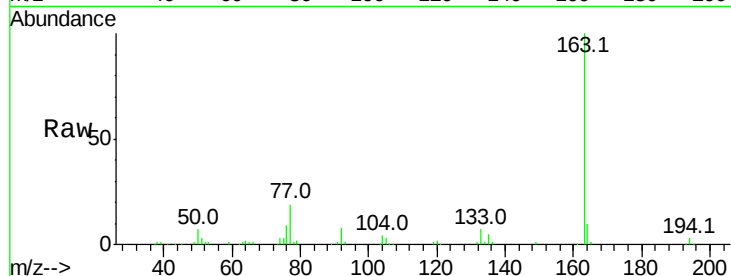




#49
 Dimethylphthalate
 Concen: 10.98 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

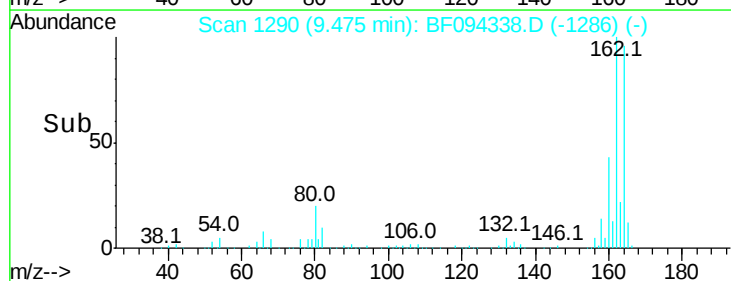
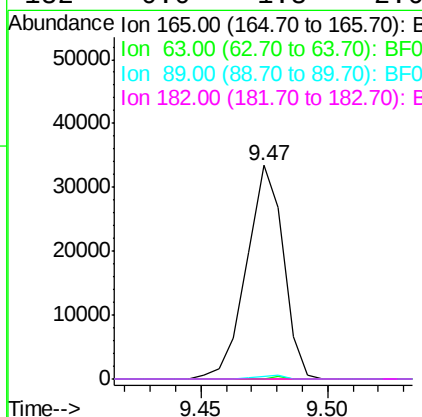
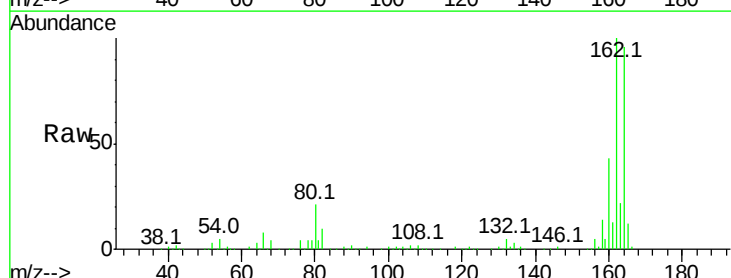
Instrument :
 BNA_F
 ClientSampleId :

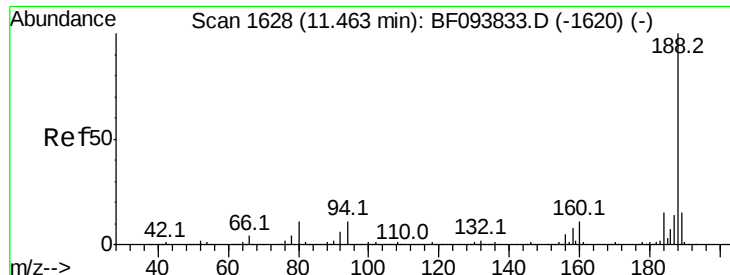
Tot Ion:163 Resp: 211319
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.0 8.4 12.6



#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Tgt Ion:165 Resp: 33837
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.4 46.4 69.6#
 182 0.0 1.8 2.6#

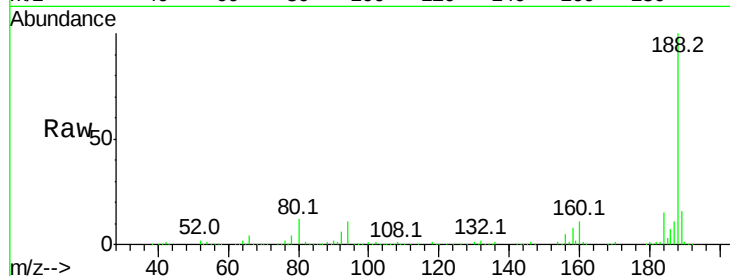




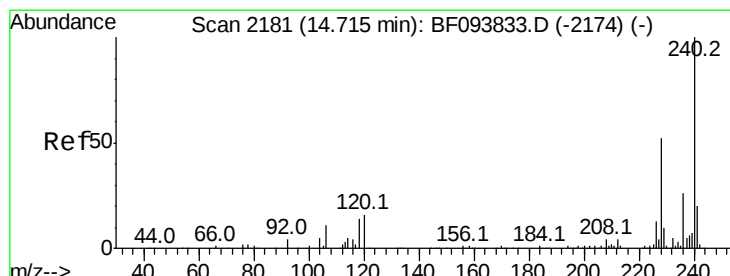
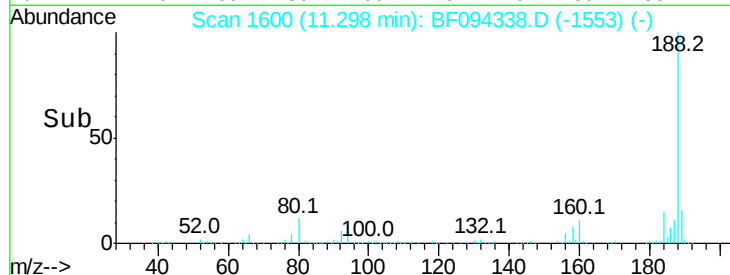
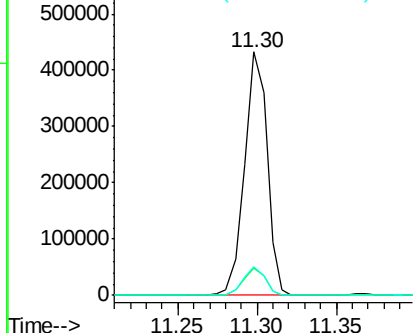
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.8	10.2	15.2



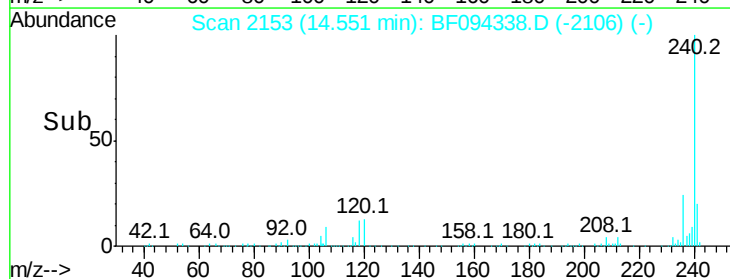
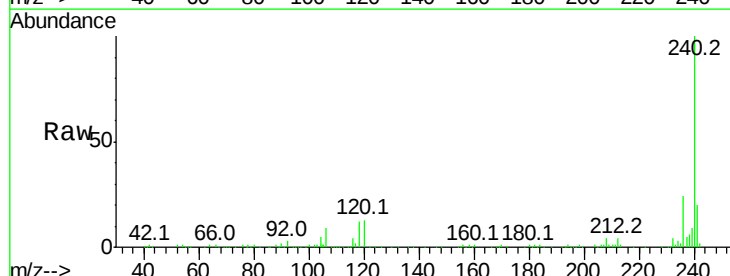
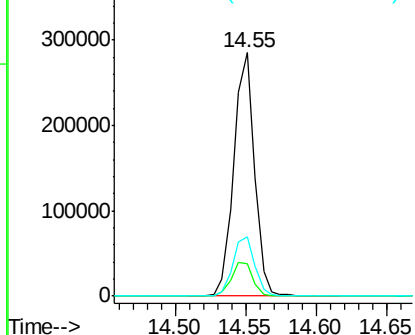
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

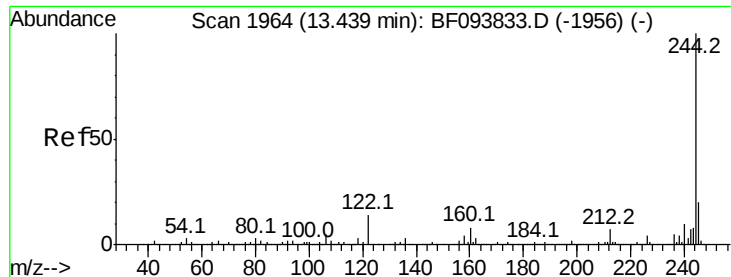


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.4	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

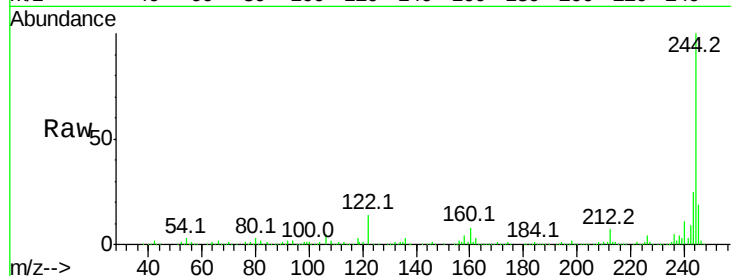




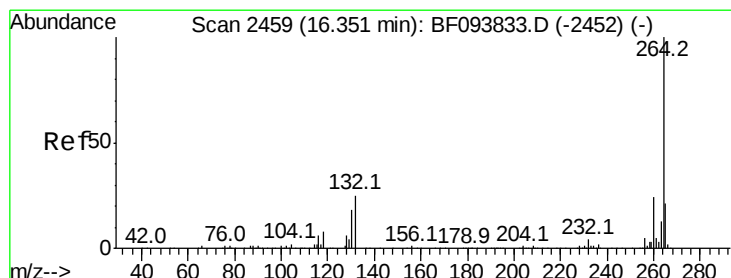
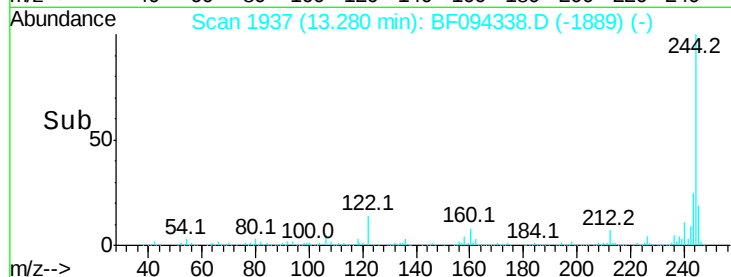
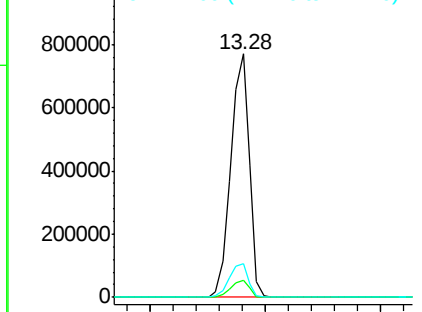
#78
 Terphenyl-d14
 Concen: 65.29 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 848625
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.9 10.3 15.5

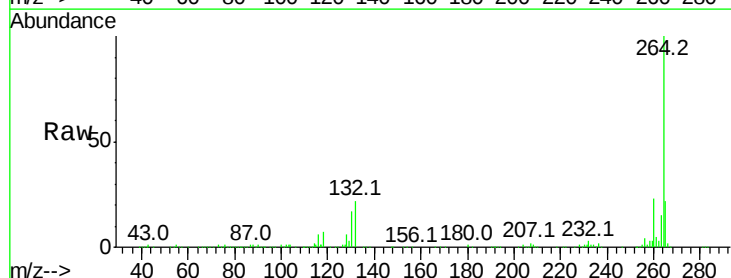


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Tgt Ion:264 Resp: 254048
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.6 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

