

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 :
 B-61-S2(8-10)

Quant Time: Apr 11 05:33:30 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

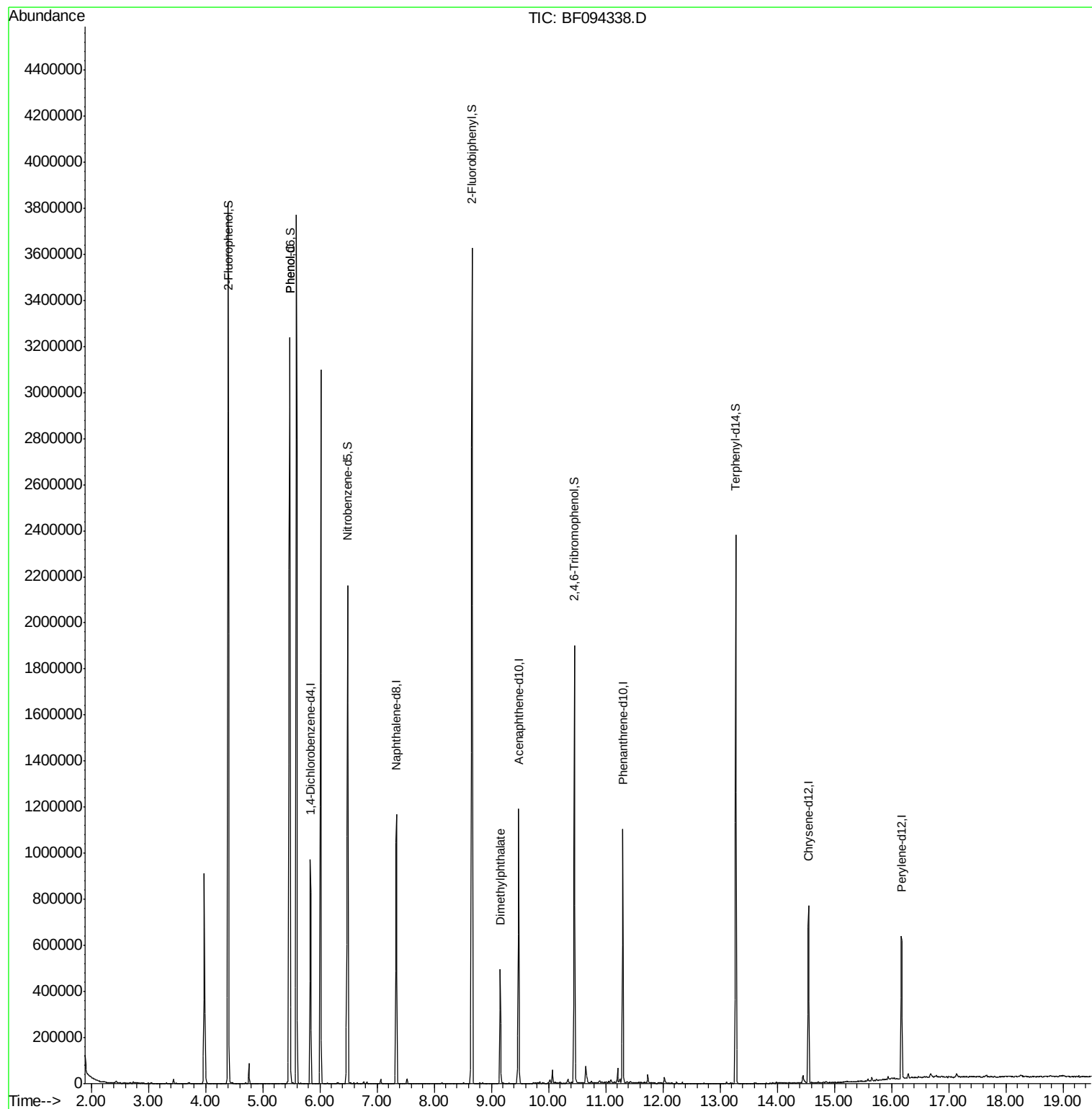
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	161365	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	628130	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	270848	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	427316	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	291359	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
49) Dimethylphthalate	9.16	163	211319	10.98	ng	99

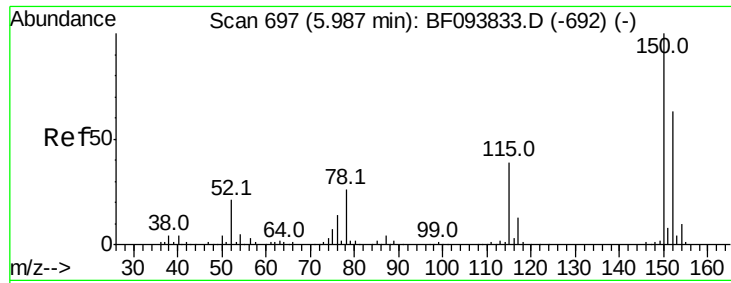
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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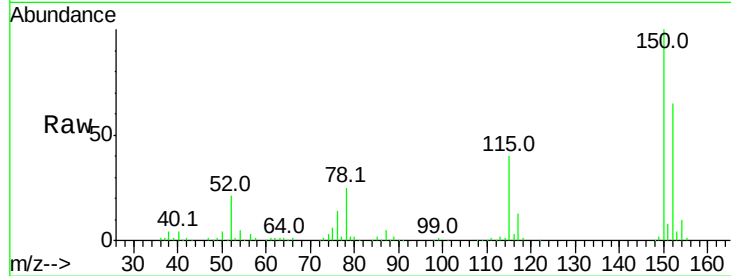


#1

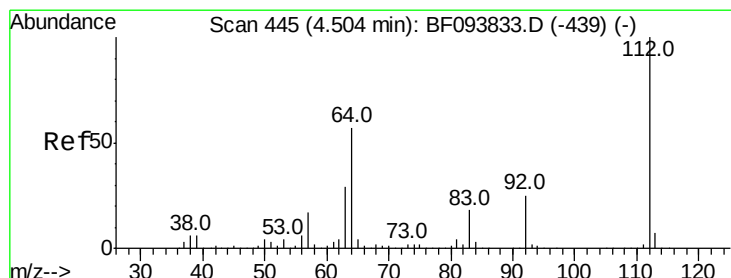
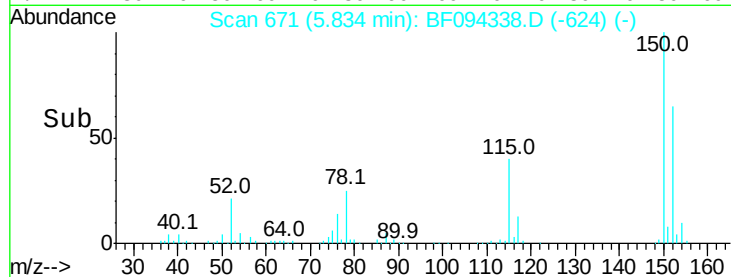
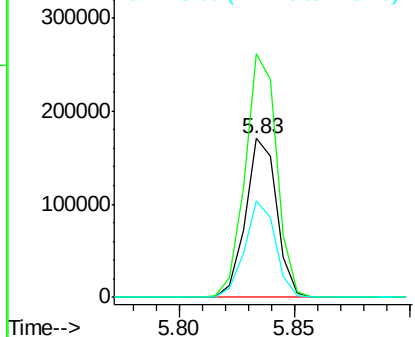
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :
 B-61-S2(8-10)

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



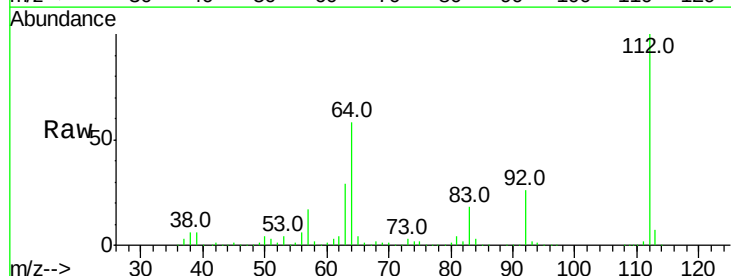
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



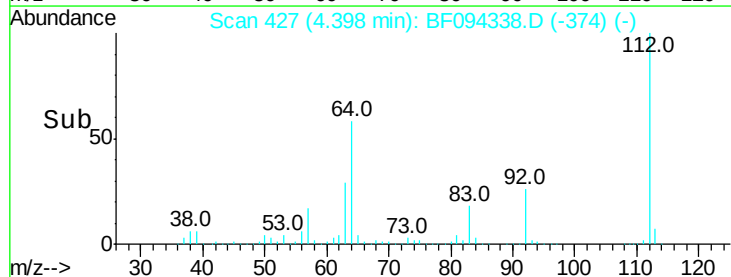
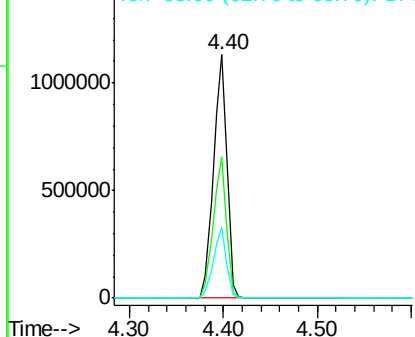
#5

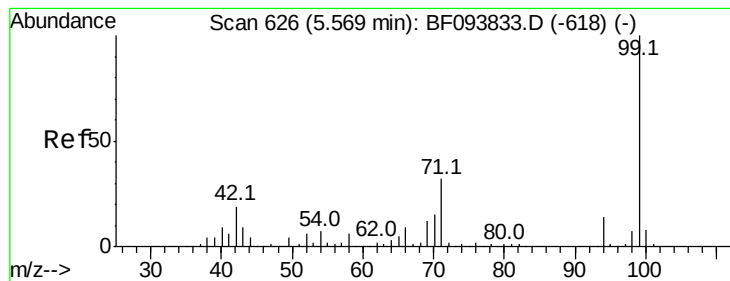
2-Fluorophenol
 Concen: 121.22 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

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 :

B-61-S2(8-10)

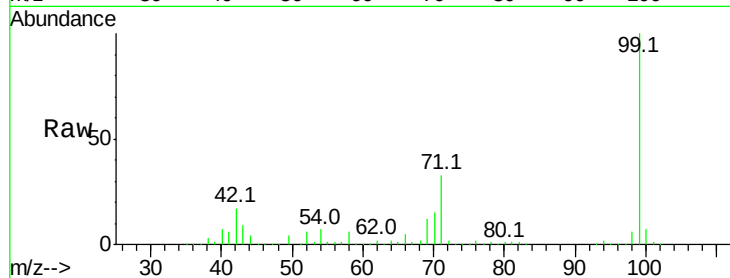
Tot Ion: 99 Resp: 1464060

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

99 100

42 17.4 13.5 20.3

71 33.5 24.5 36.7

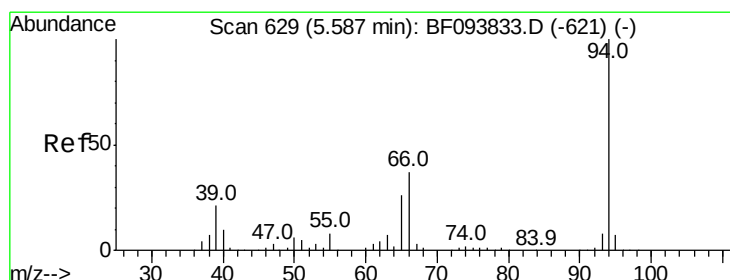
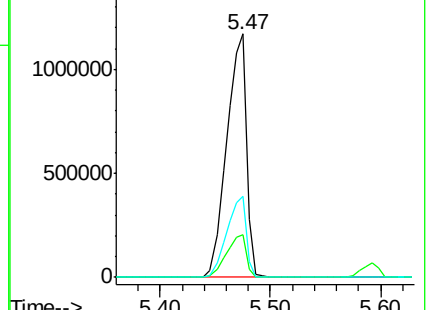
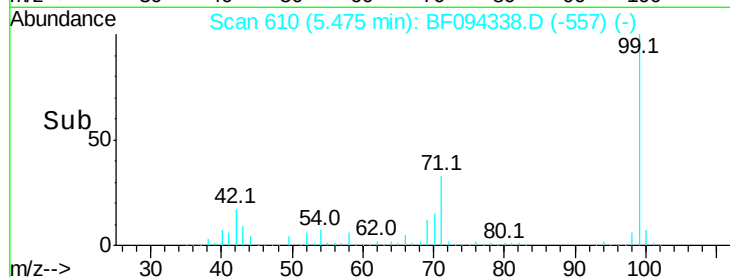


Abundance

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

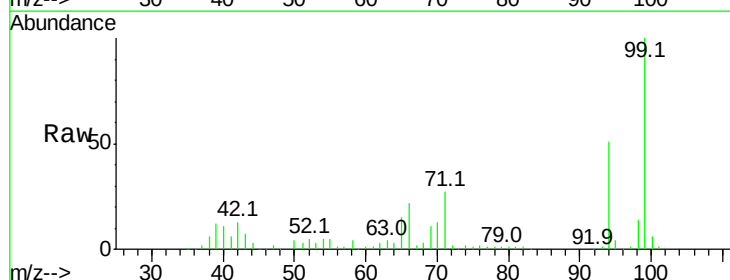
Tgt Ion: 94 Resp: 112187

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

94 100

65 29.3 9.9 49.9

66 42.2 23.1 63.1

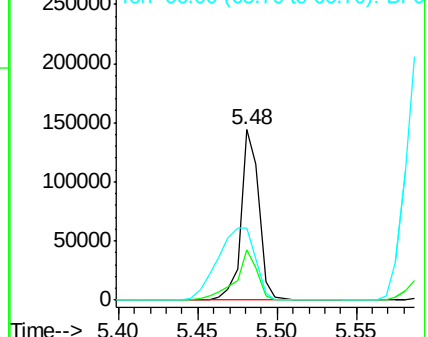
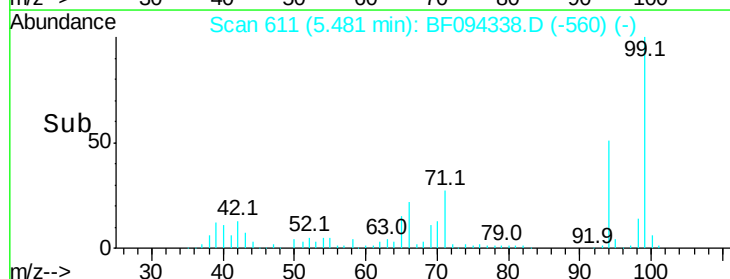


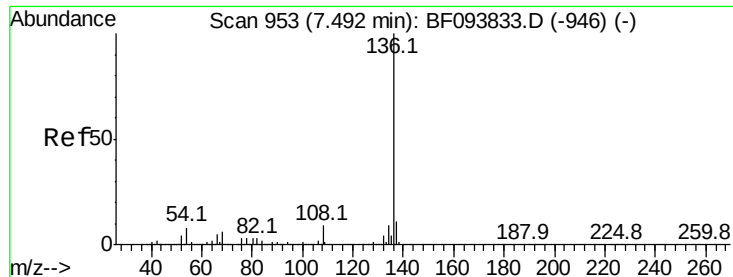
Abundance

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

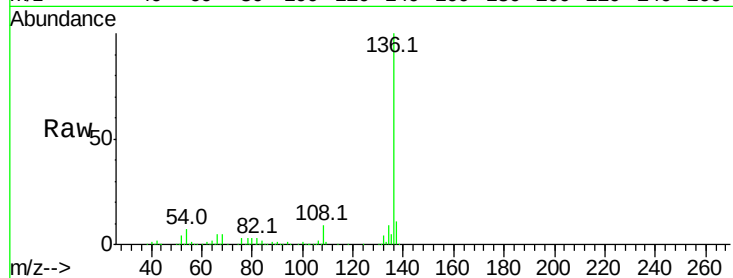




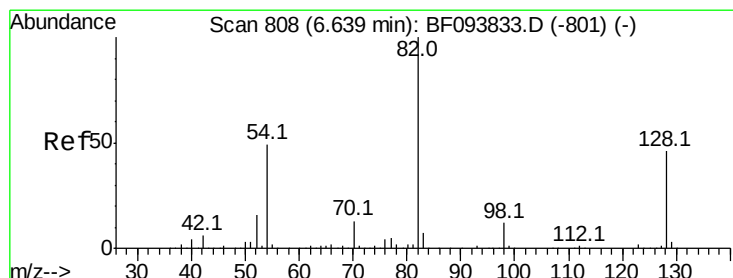
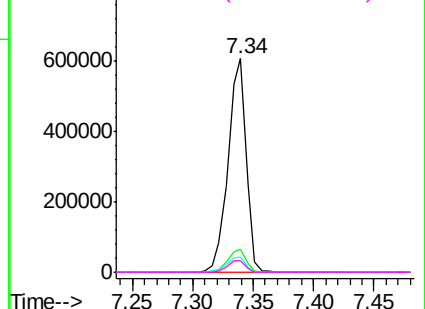
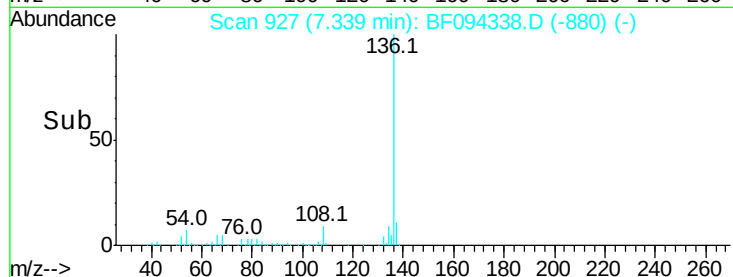
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Instrument :
BNA_F
ClientSampleId :
B-61-S2(8-10)

Tot 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

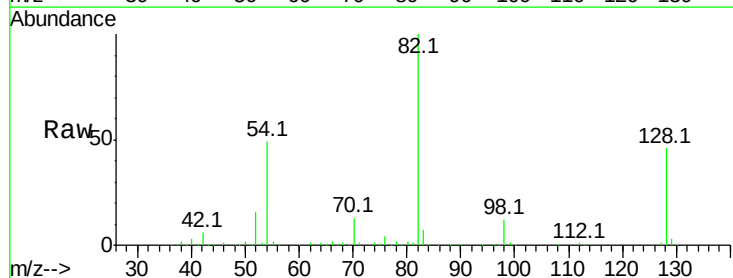


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

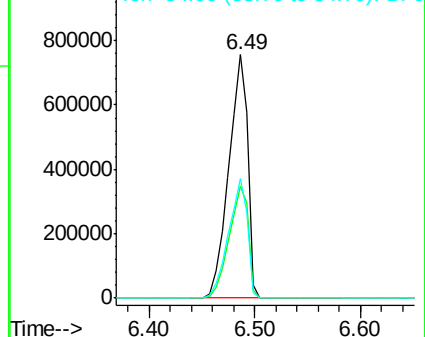
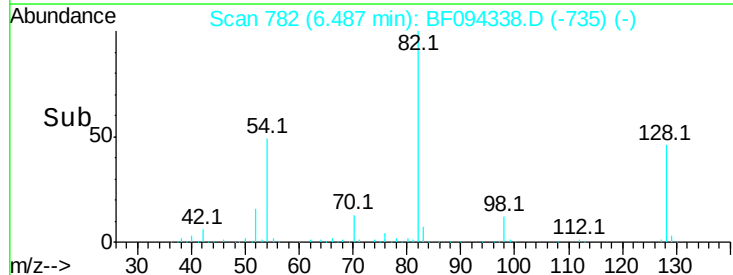


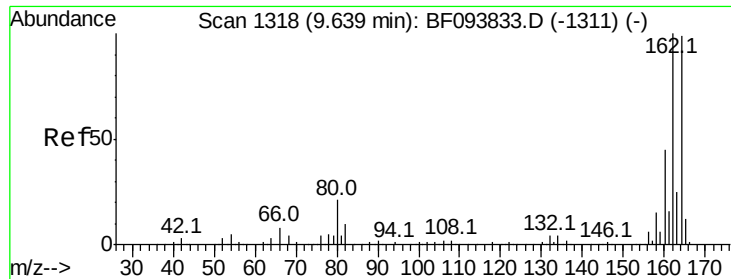
#23
Nitrobenzene-d5
Concen: 84.73 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Tgt 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

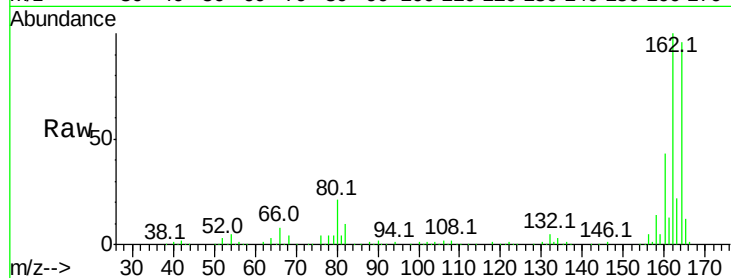




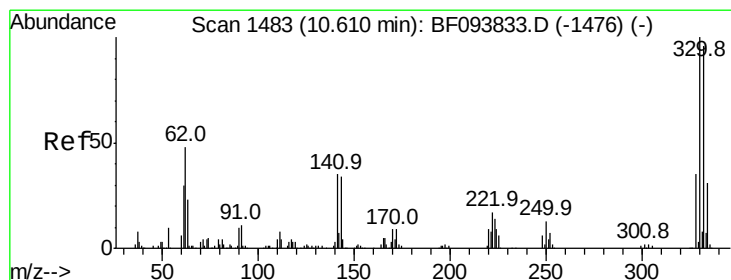
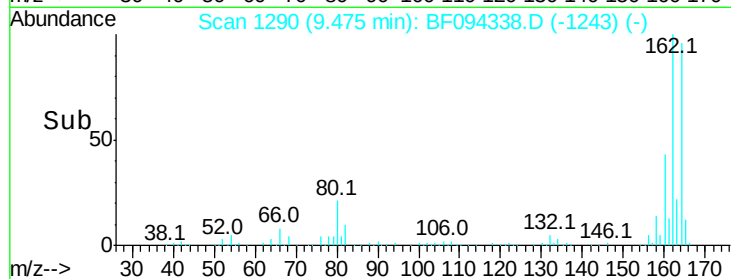
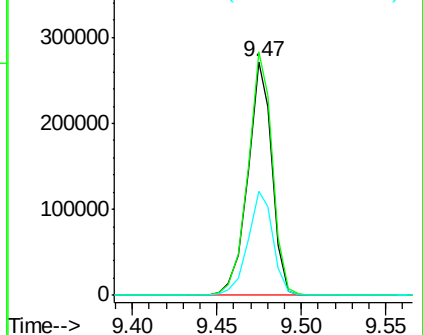
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :
 B-61-S2(8-10)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	44.7	36.2	54.2

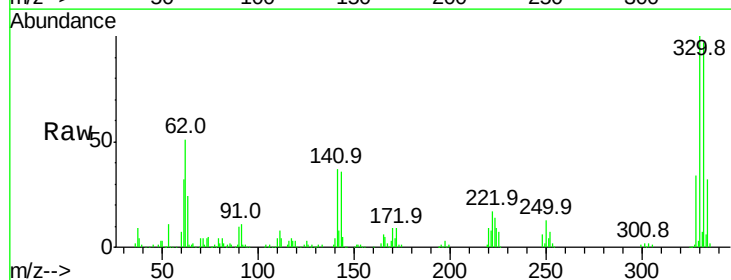


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

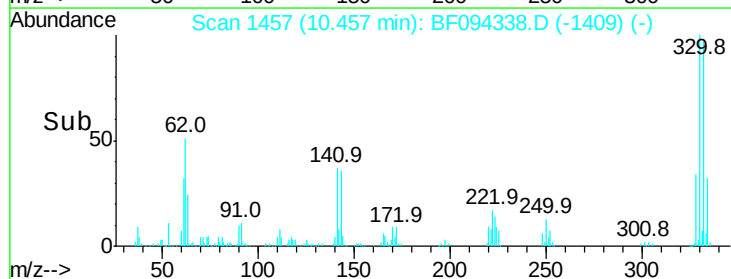
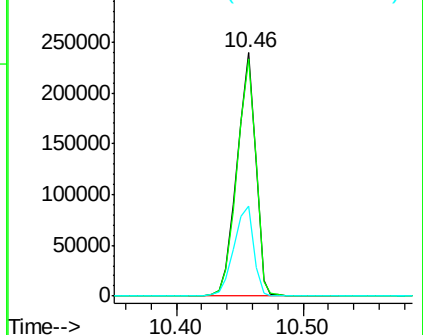


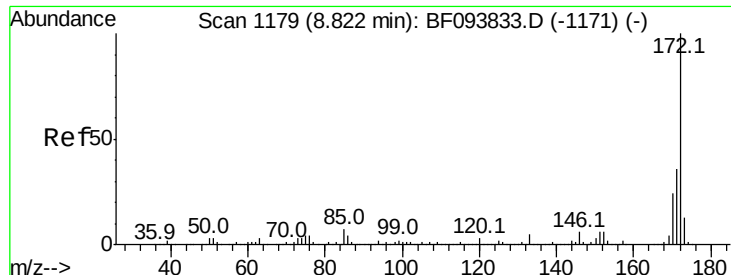
#41
 2,4,6-Tribromophenol
 Concen: 113.41 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Tgt 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

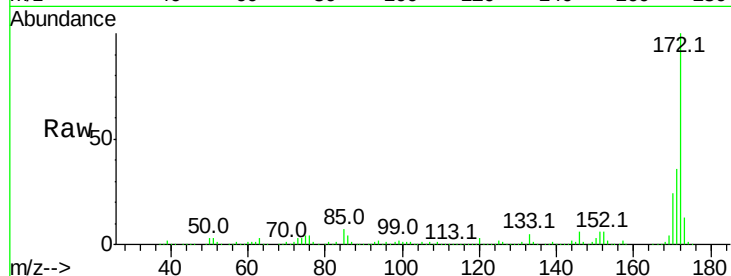




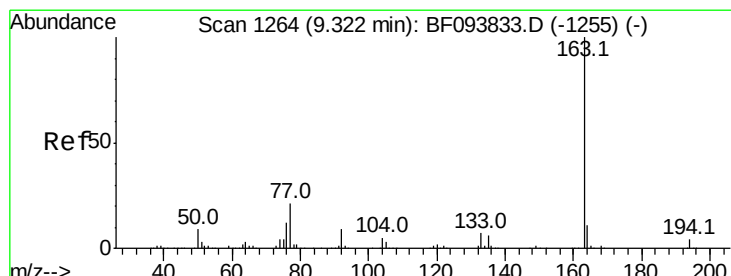
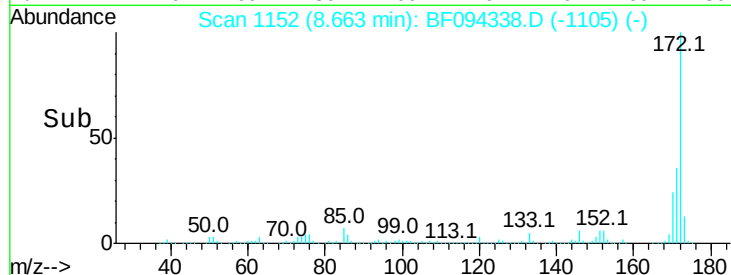
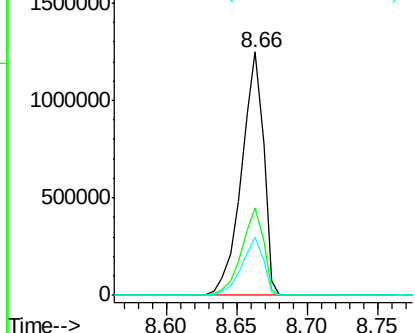
#44
2-Fluorobiphenyl
Concen: 76.54 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Instrument :
BNA_F
ClientSampleId :
B-61-S2(8-10)

Tot Ion:172 Resp: 1359105
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.8 29.8

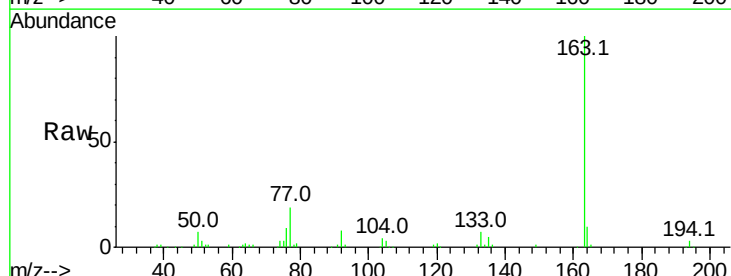


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

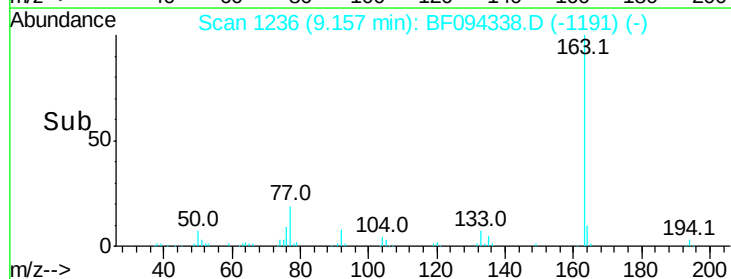
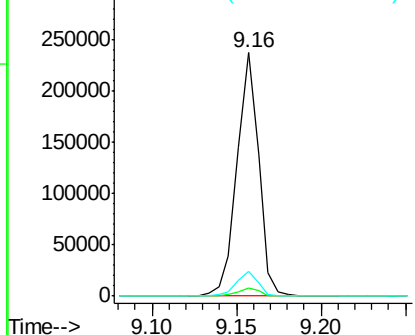


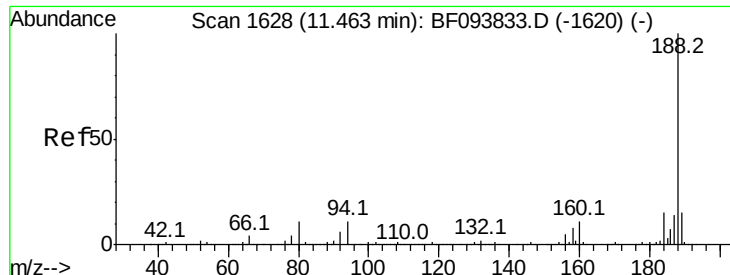
#49
Dimethylphthalate
Concen: 10.98 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Tgt Ion:163 Resp: 211319
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 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

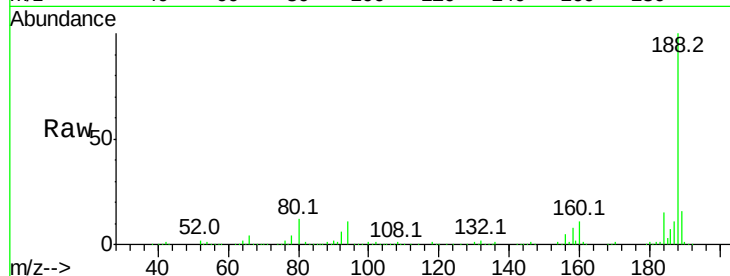




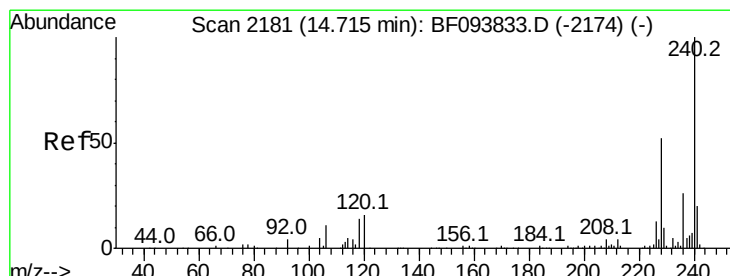
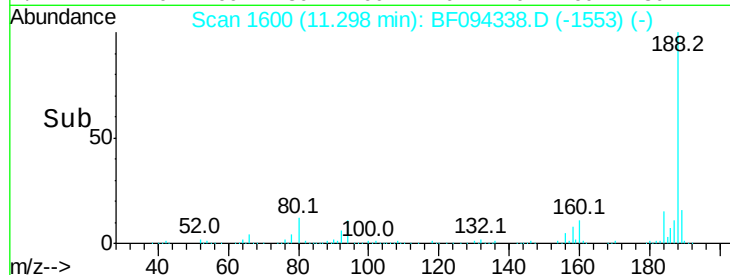
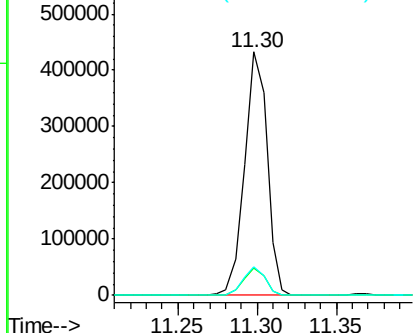
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Instrument :
BNA_F
ClientSampleId :
B-61-S2(8-10)

Tot Ion:188 Resp: 427316
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.8 10.2 15.2

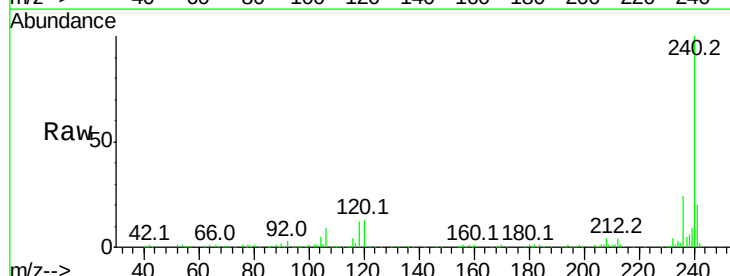


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

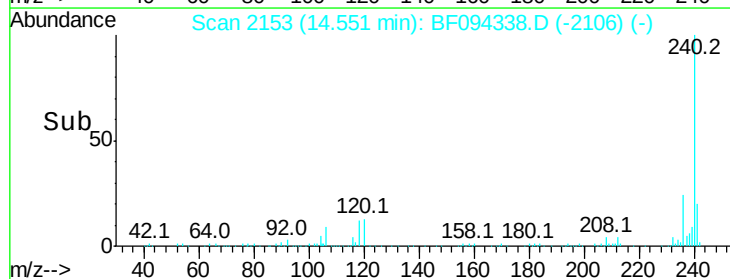
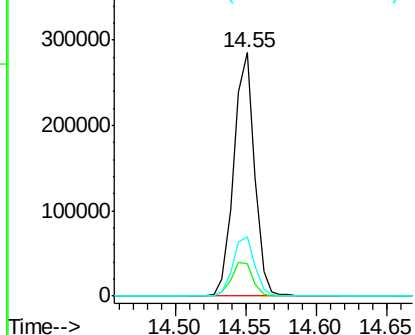


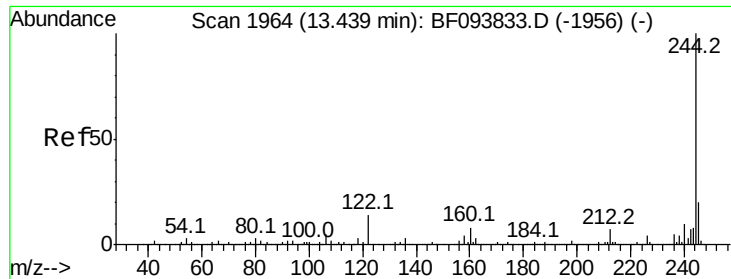
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094338.D
Acq: 11 Apr 2017 5:02

Tgt Ion:240 Resp: 291359
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

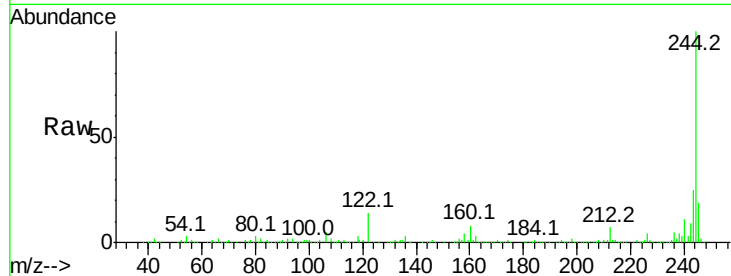




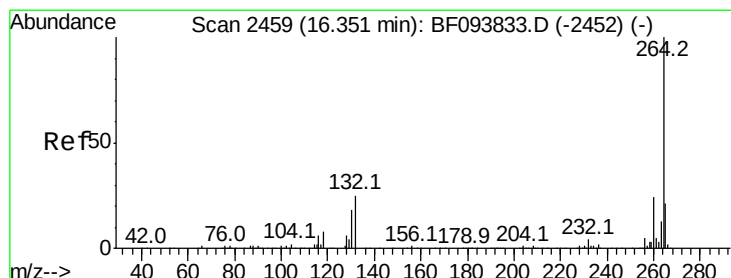
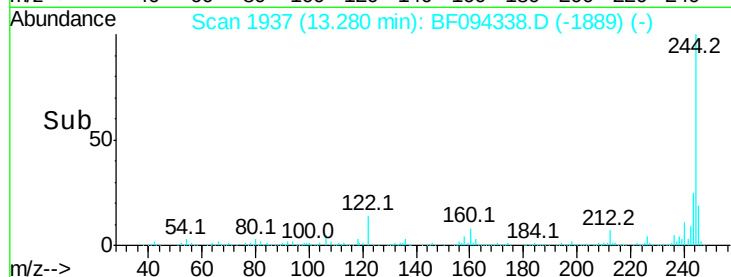
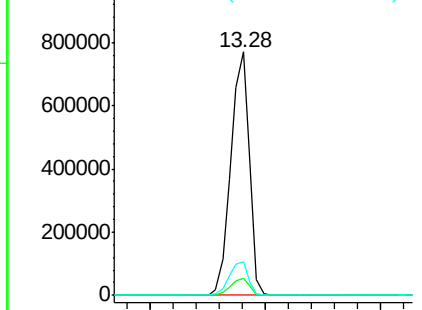
#78
 Terphenyl-d14
 Concen: 65.29 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094338.D
 Acq: 11 Apr 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :
 B-61-S2(8-10)

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

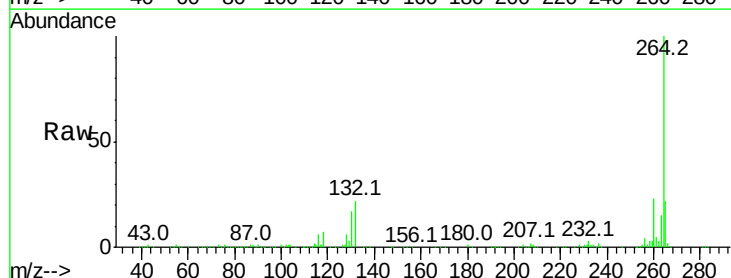


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#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	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

