

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094317.D
 Acq On : 10 Apr 2017 18:00
 Operator : SJ/MA
 Sample : I2601-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:48:47 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

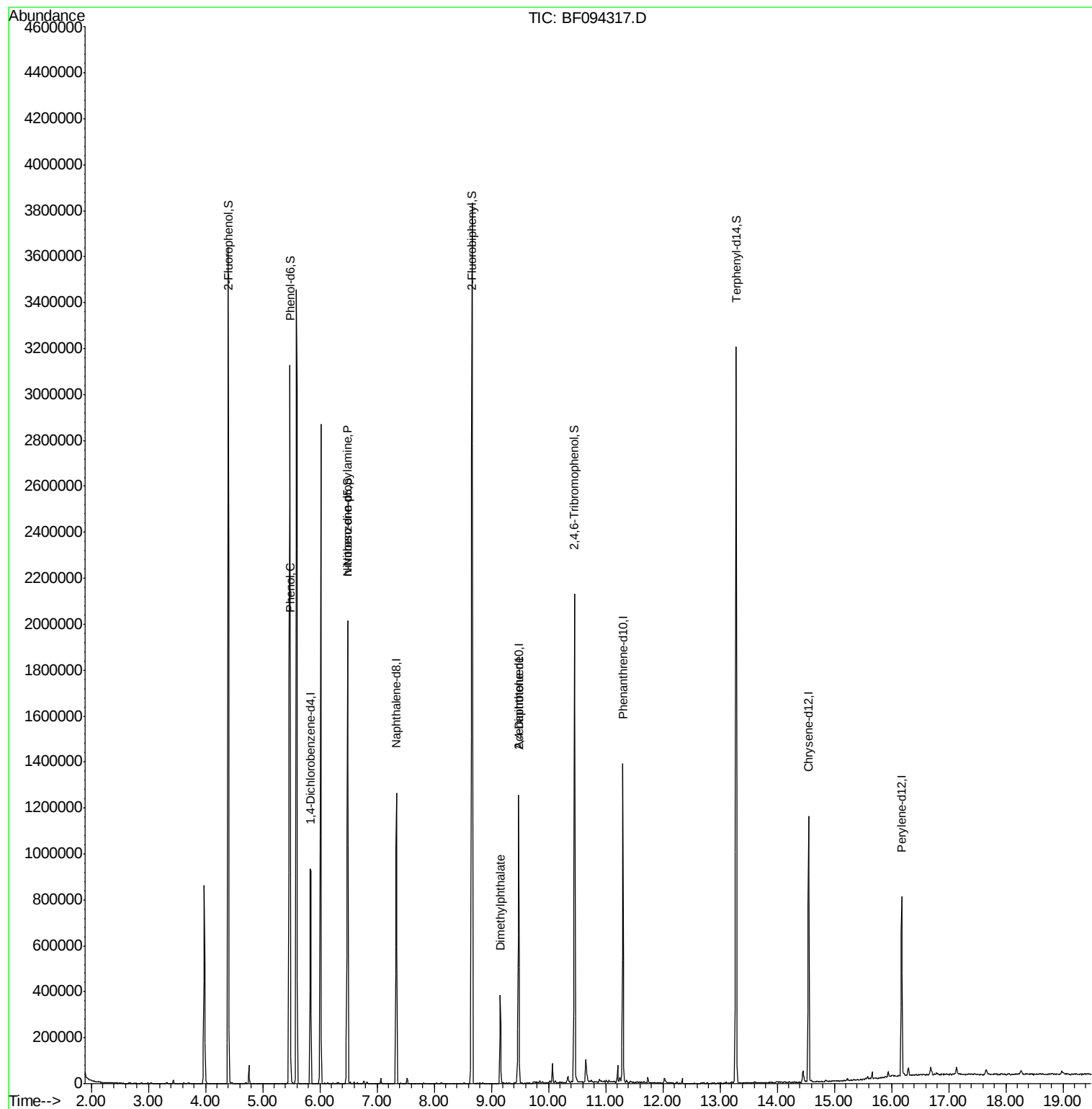
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	164946	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	659468	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	307890	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	549779	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	444576	20.00	ng	-0.02
86) Perylene-d12	16.18	264	292784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1059211	108.46	ng	0.01
7) Phenol-d6	5.47	99	1360534	112.62	ng	0.01
23) Nitrobenzene-d5	6.49	82	851240	73.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	290697	119.48	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1509119	74.76	ng	-0.02
78) Terphenyl-d14	13.29	244	1231394	62.09	ng	-0.01
Target Compounds						
10) Phenol	5.49	94	98498	7.16	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	6.49	70	114253	14.71	ng	# 77
49) Dimethylphthalate	9.16	163	164577	7.52	ng	98
56) 2,4-Dinitrotoluene	9.47	165	40669	6.45	ng	# 33

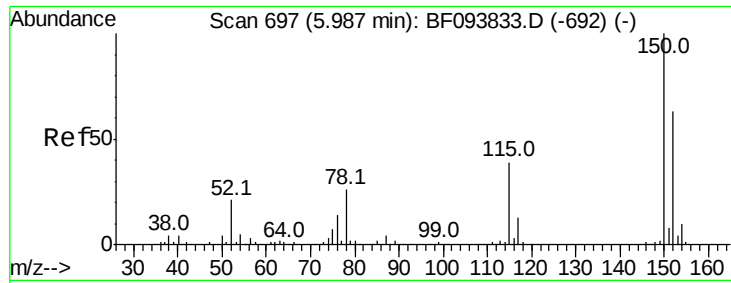
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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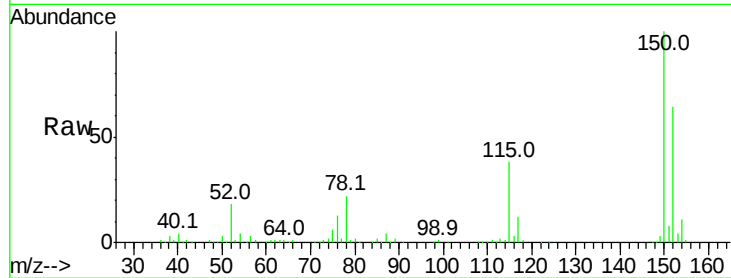


#1

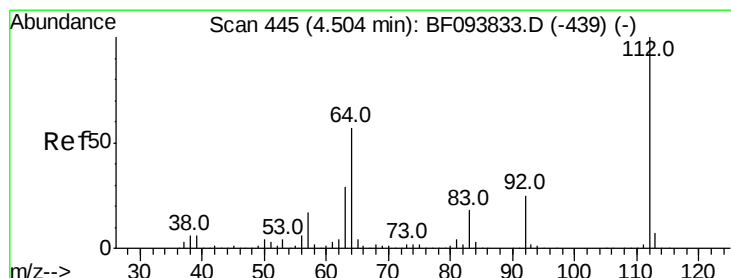
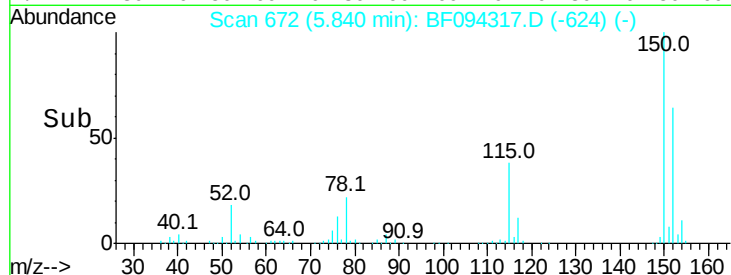
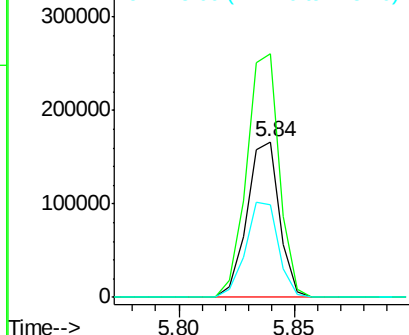
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094317.D
Acq: 10 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164946
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 59.5 52.2 78.2



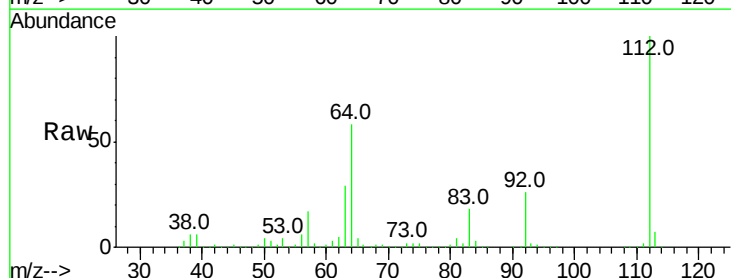
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



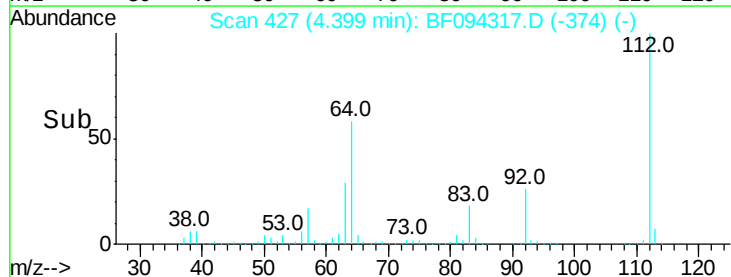
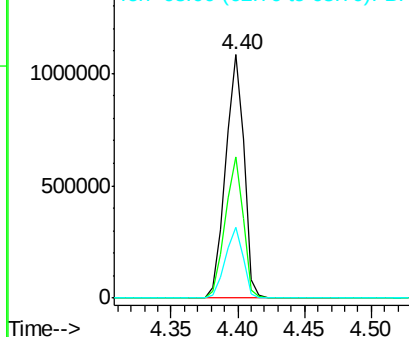
#5

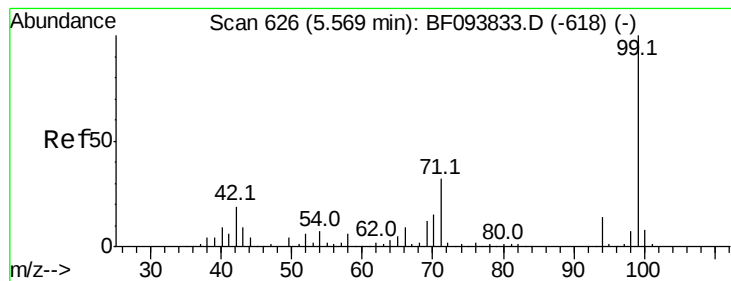
2-Fluorophenol
Concen: 108.46 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094317.D
Acq: 10 Apr 2017 18:00

Tgt Ion:112 Resp: 1059211
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: 112.62 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094317.D

Acq: 10 Apr 2017 18:00

Instrument :

BNA_F

ClientSampled :

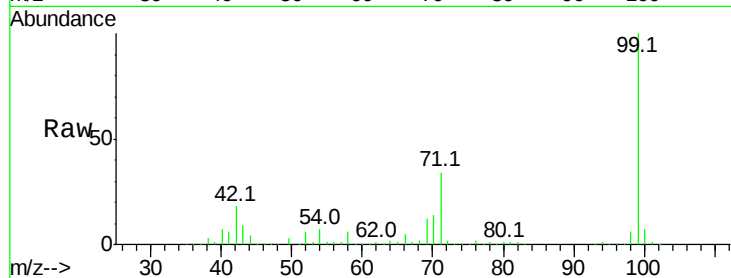
Tot Ion: 99 Resp: 1360534

Ion Ratio Lower Upper

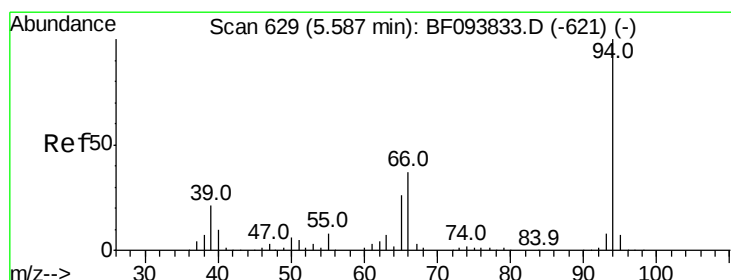
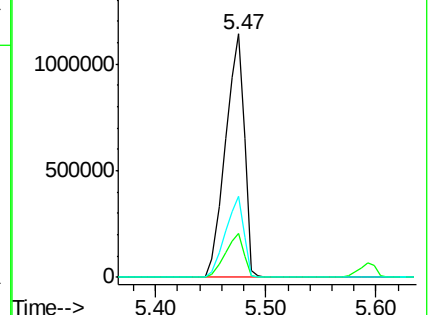
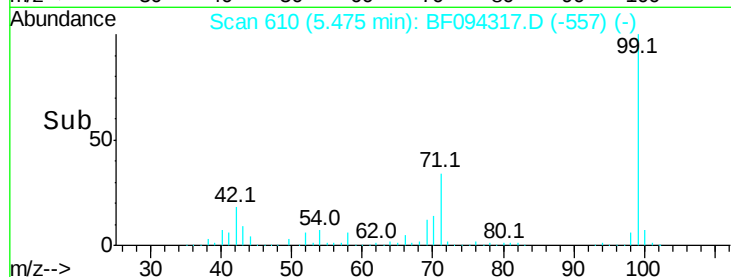
99 100

42 17.8 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: 7.16 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094317.D

Acq: 10 Apr 2017 18:00

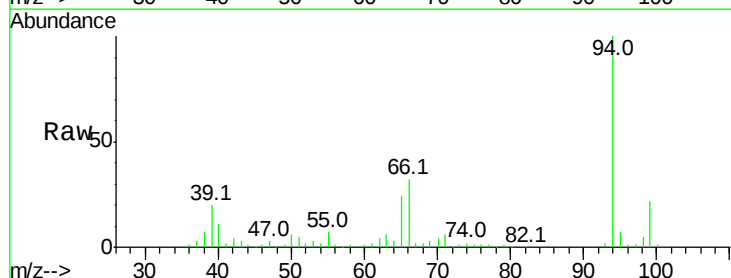
Tgt Ion: 94 Resp: 98498

Ion Ratio Lower Upper

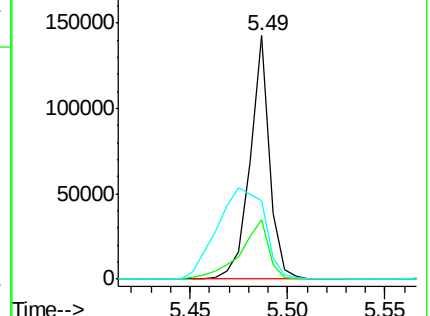
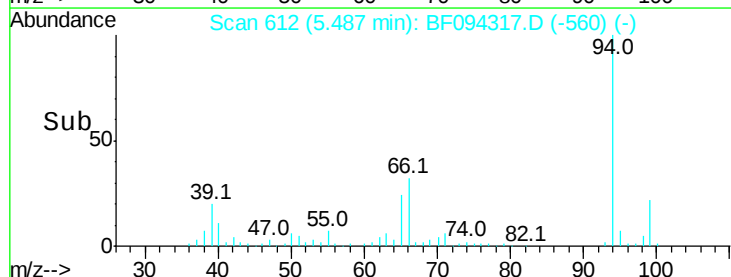
94 100

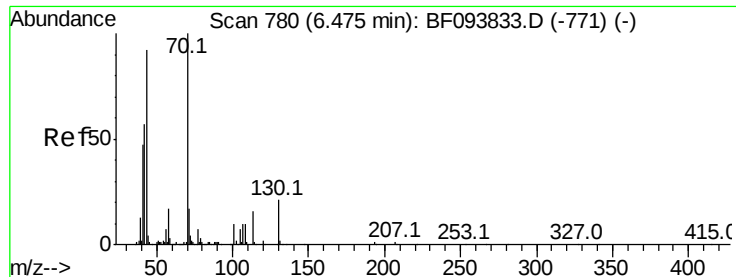
65 24.2 9.9 49.9

66 32.5 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: 14.71 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094317.D

Acq: 10 Apr 2017 18:00

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 114253

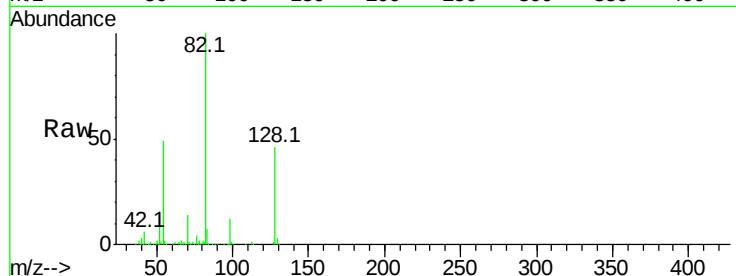
Ion Ratio Lower Upper

70 100

42 46.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

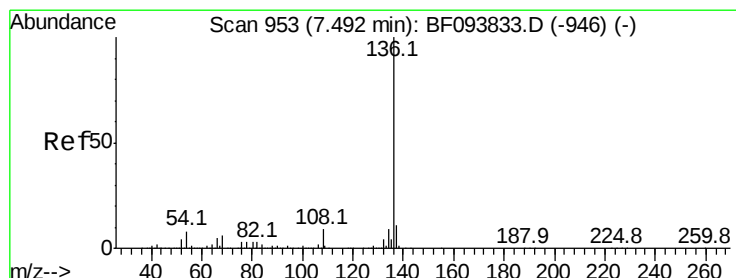
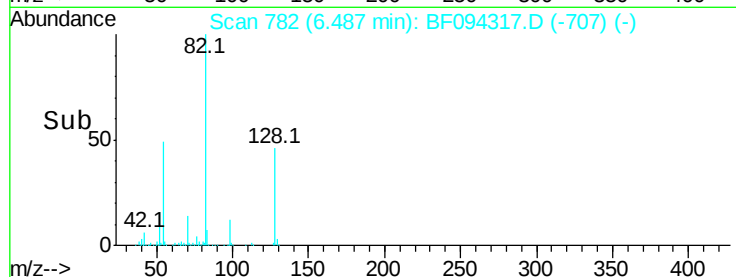
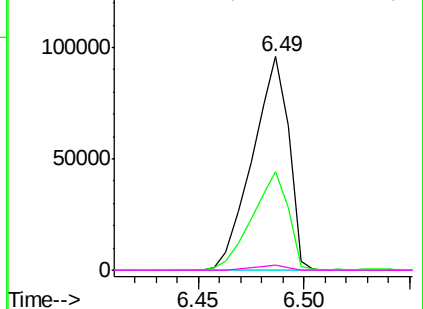


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094317.D

Acq: 10 Apr 2017 18:00

Tgt Ion: 136 Resp: 659468

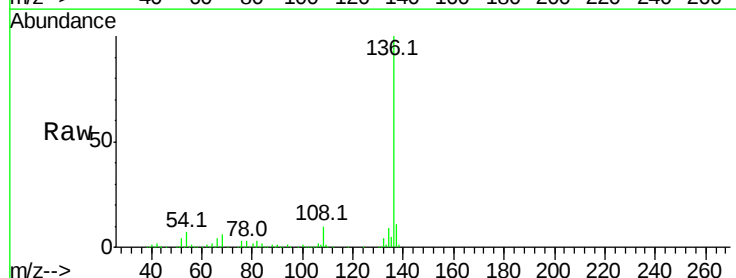
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 5.8 4.1 6.1

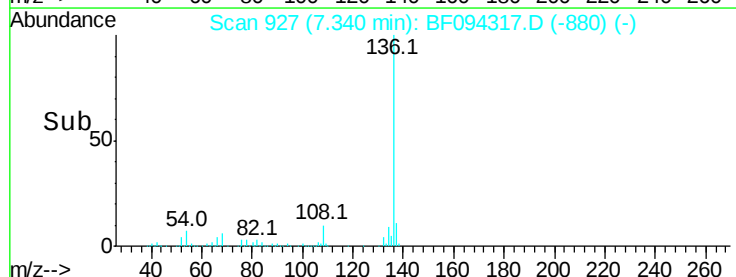
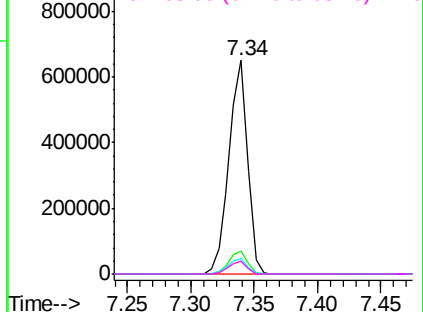


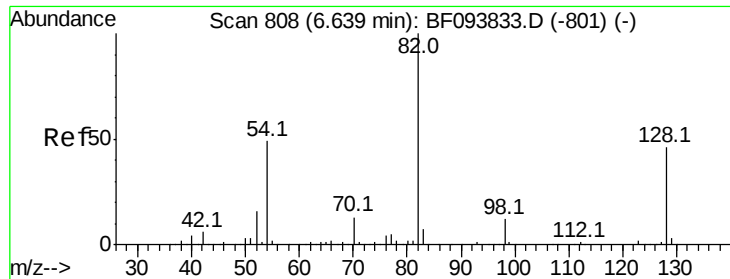
Abundance Ion 136.00 (135.70 to 136.70): E

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

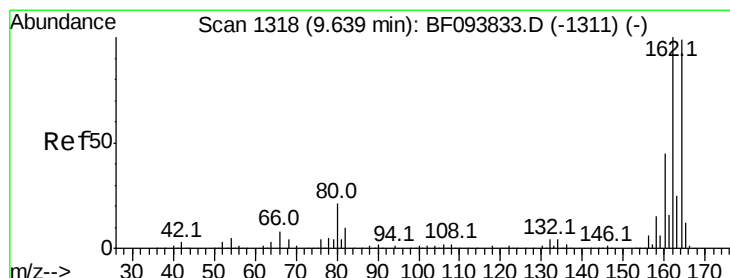
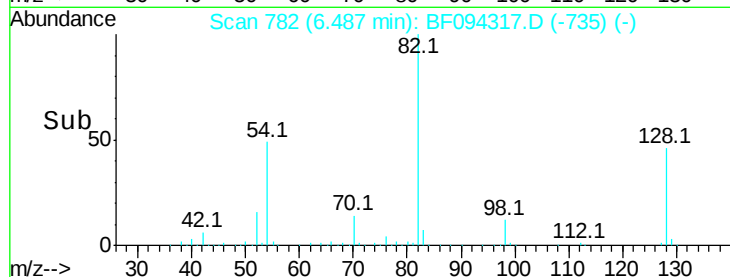
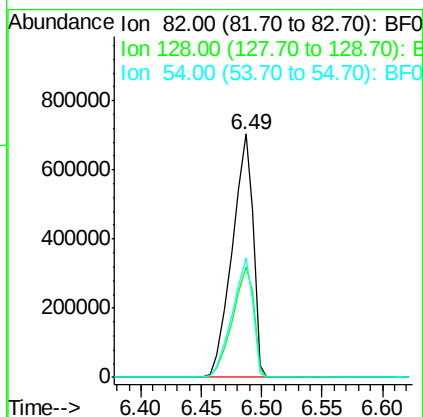
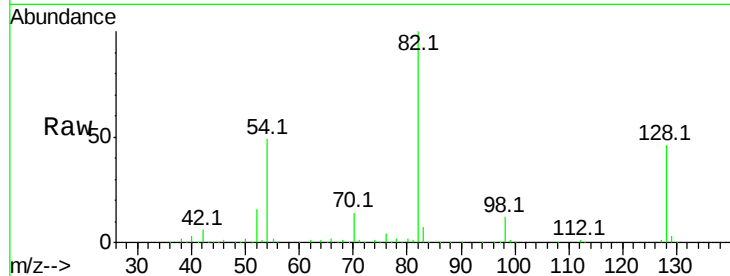




#23
Nitrobenzene-d5
Concen: 73.66 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF094317.D
Acq: 10 Apr 2017 18:00

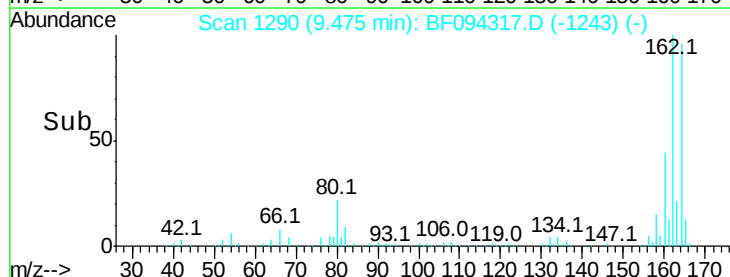
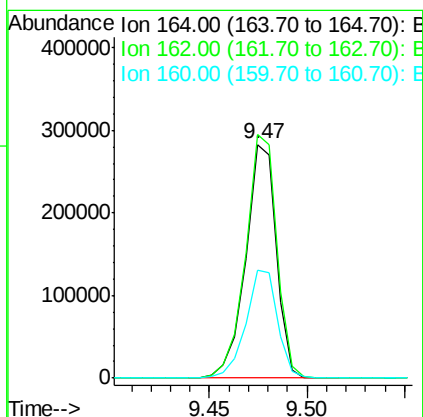
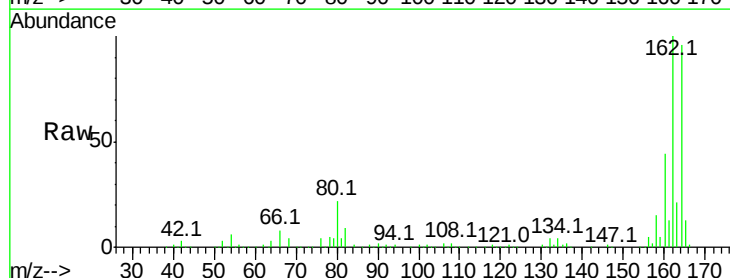
Instrument :
BNA_F
ClientSampled :

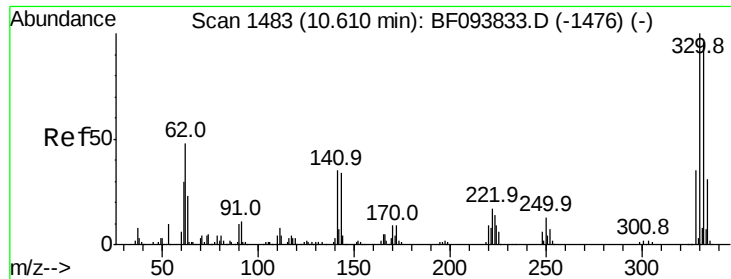
Tot Ion: 82 Resp: 851240
Ion Ratio Lower Upper
82 100
128 45.5 34.0 51.0
54 48.9 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF094317.D
Acq: 10 Apr 2017 18:00

Tgt Ion:164 Resp: 307890
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 46.1 36.2 54.2

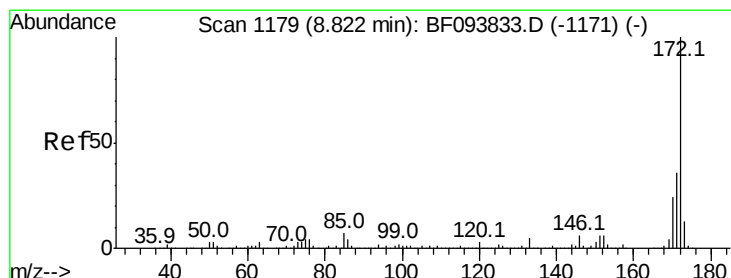
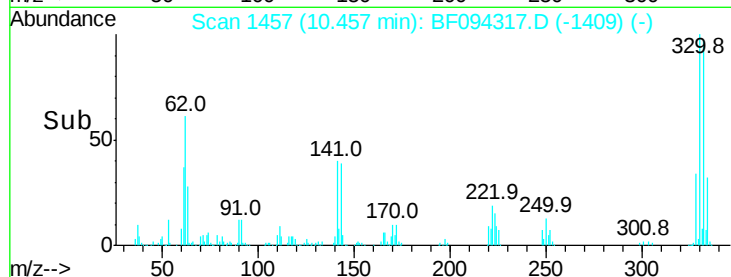
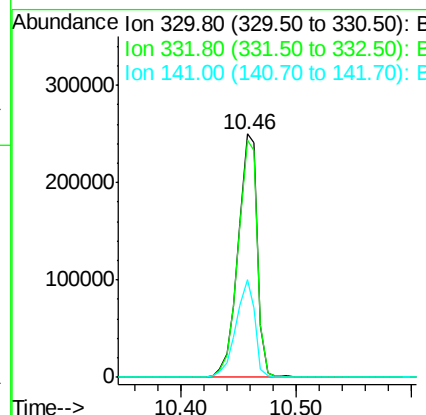
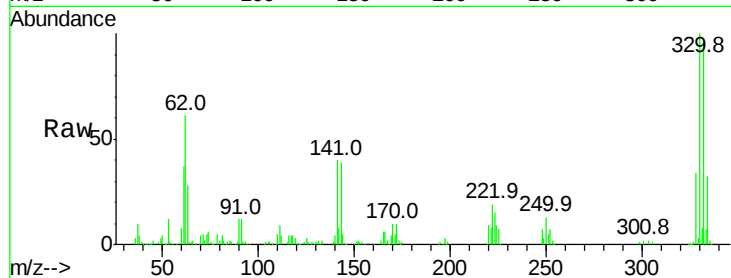




#41
 2,4,6-Tribromophenol
 Concen: 119.48 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094317.D
 Acq: 10 Apr 2017 18:00

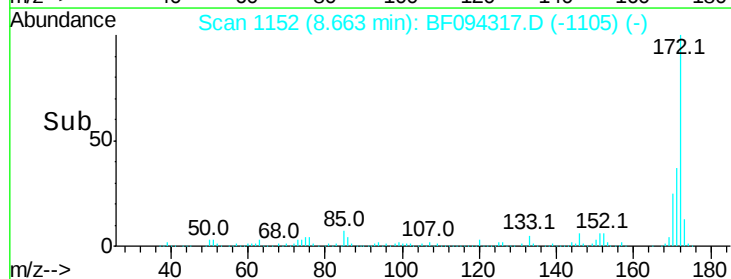
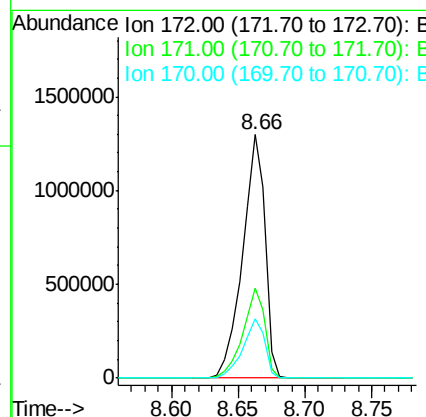
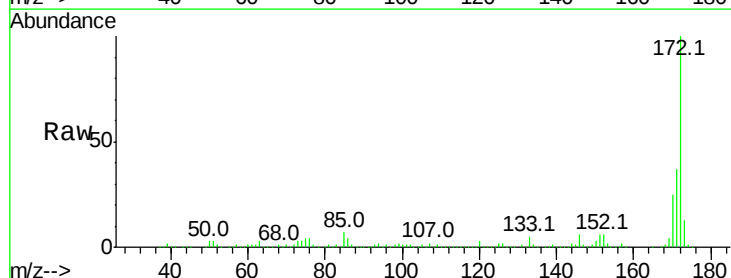
Instrument :
 BNA_F
 ClientSampleId :

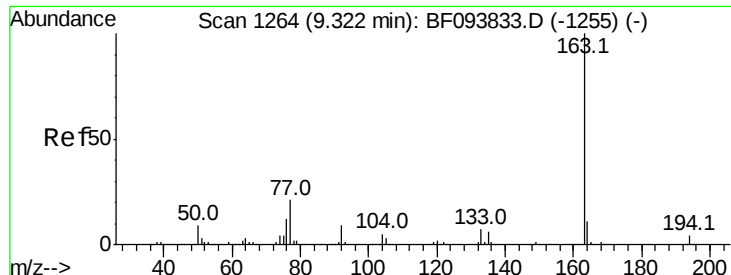
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	39.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 74.76 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094317.D
 Acq: 10 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.5	19.8	29.8

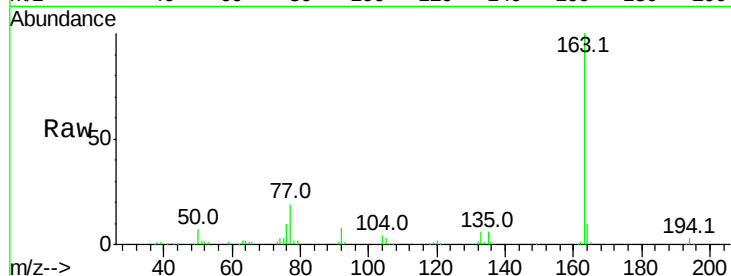




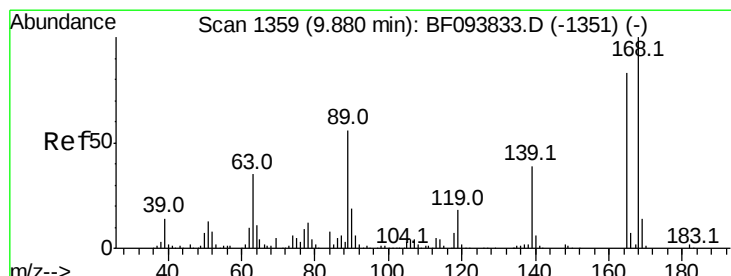
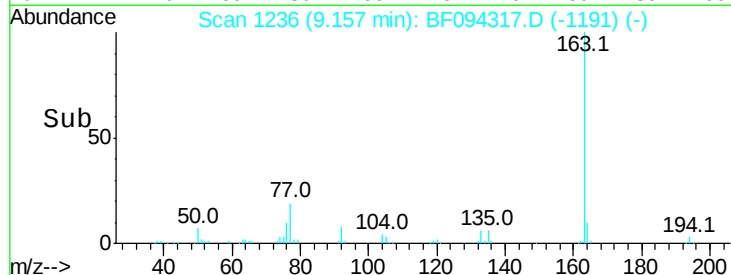
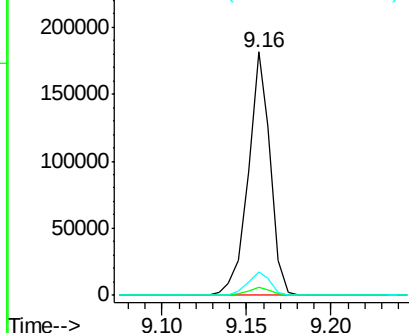
#49
 Dimethylphthalate
 Concen: 7.52 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094317.D
 Acq: 10 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	164577
Ion Ratio	Lower	Upper
163	100	
194	3.1	2.6 4.0
164	9.7	8.4 12.6

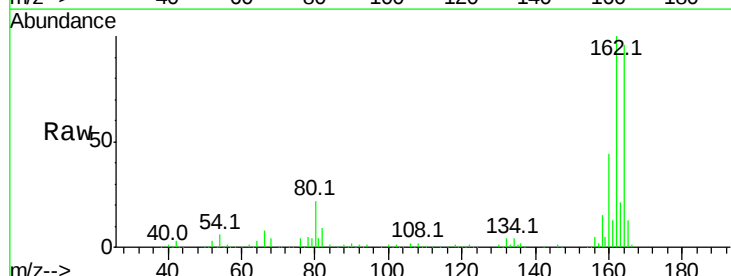


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

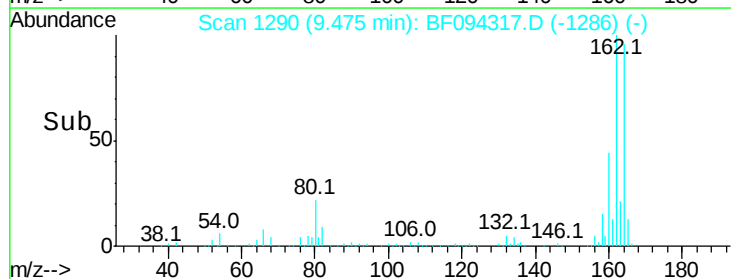
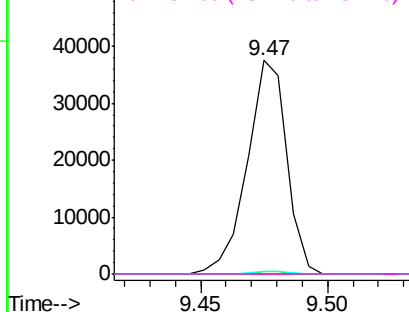


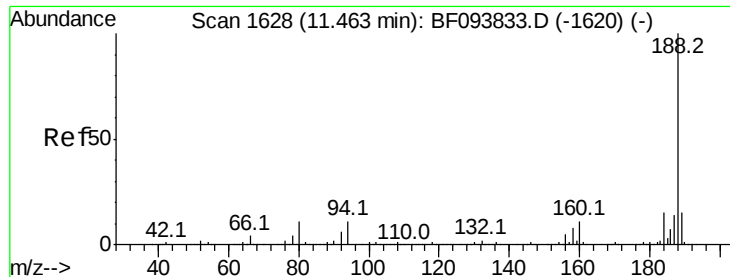
#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094317.D
 Acq: 10 Apr 2017 18:00

Tgt Ion:165	Resp:	40669
Ion Ratio	Lower	Upper
165	100	
63	1.3	25.4 38.0#
89	1.3	46.4 69.6#
182	0.0	1.8 2.6#



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
 Ion 182.00 (181.70 to 182.70): E

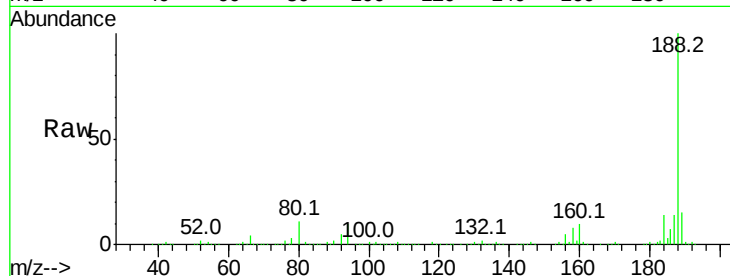




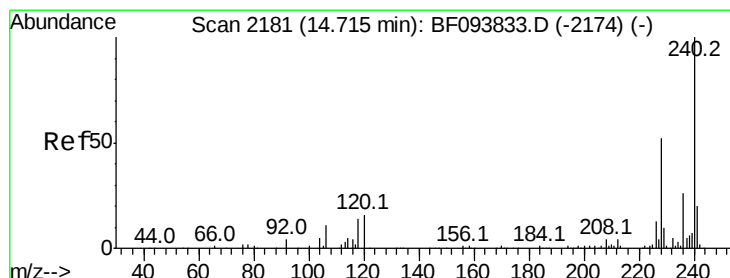
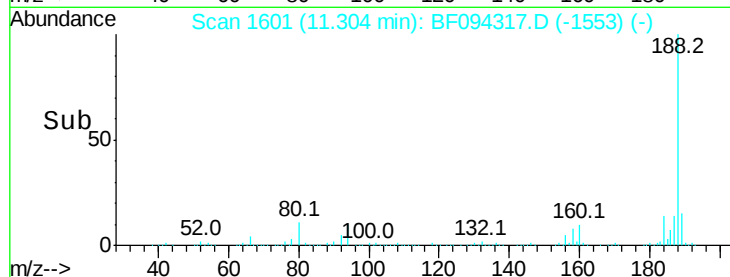
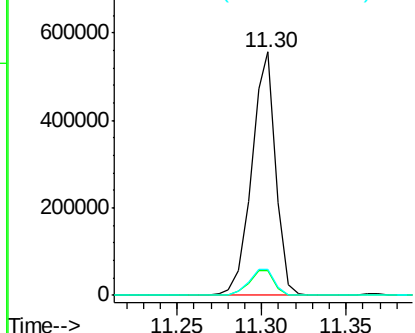
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094317.D
Acq: 10 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 549779
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.9 10.2 15.2

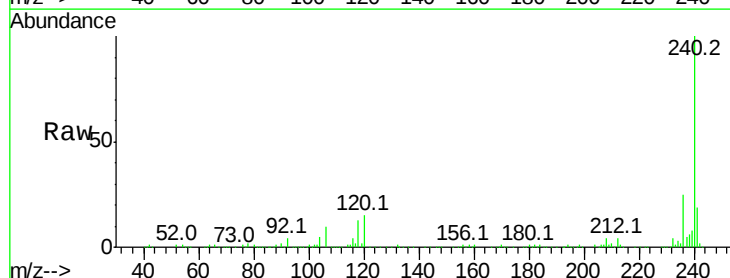


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

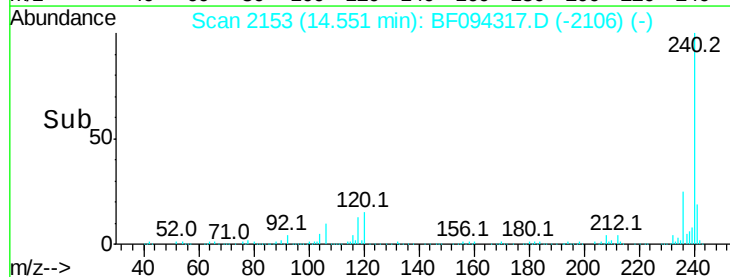
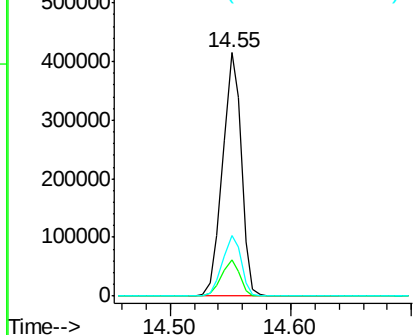


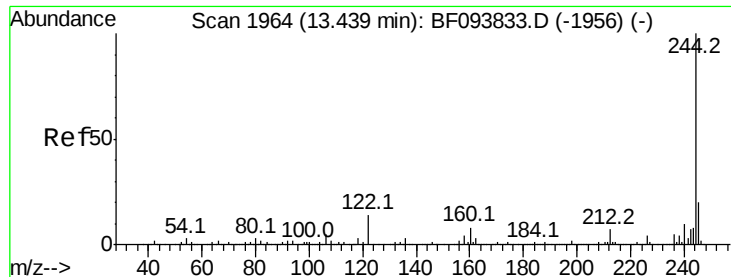
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094317.D
Acq: 10 Apr 2017 18:00

Tgt Ion:240 Resp: 444576
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.0 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: 62.09 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094317.D

Acq: 10 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

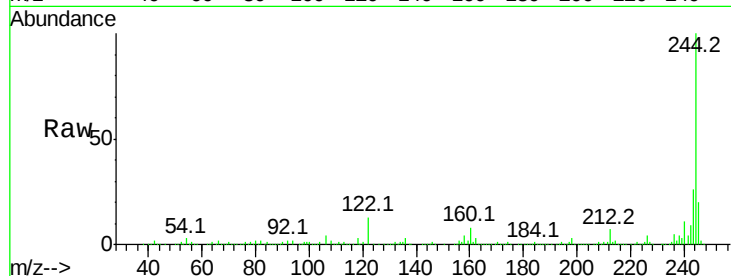
Tot Ion:244 Resp: 1231394

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

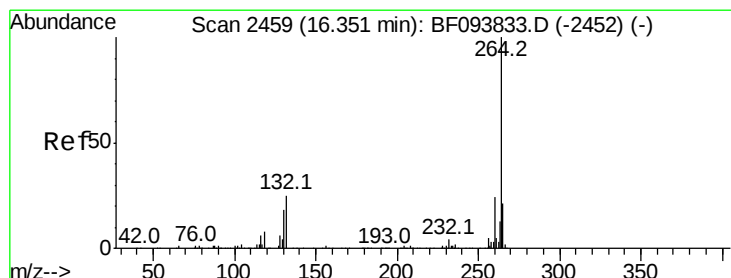
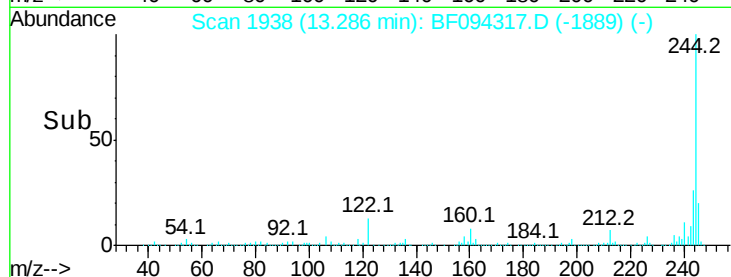
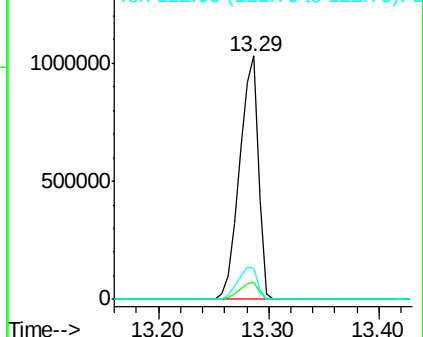
122 12.9 10.3 15.5



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: BF094317.D

Acq: 10 Apr 2017 18:00

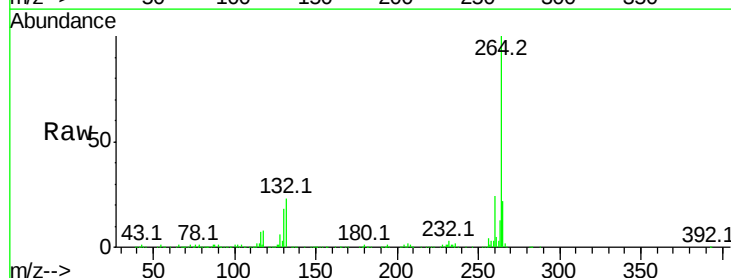
Tgt Ion:264 Resp: 292784

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

