

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093869.D
 Acq On : 23 Mar 2017 8:35
 Operator : SJ/MA
 Sample : I2350-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 08:55:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

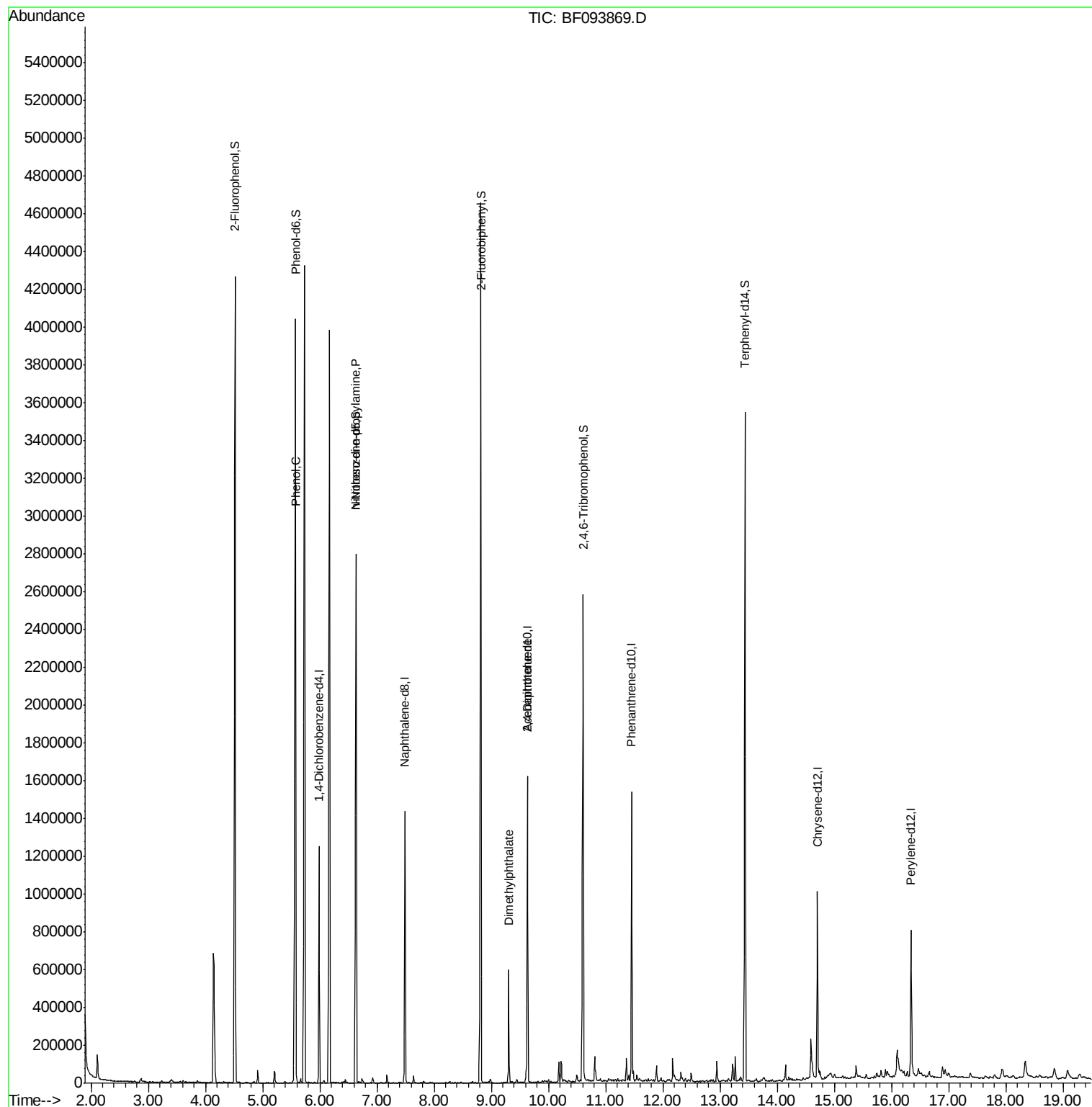
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	195399	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	776003	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	339207	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	560761	20.00	ng	0.00
75) Chrysene-d12	14.70	240	362214	20.00	ng	-0.01
86) Perylene-d12	16.34	264	305458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1581105	136.67	ng	0.02
7) Phenol-d6	5.57	99	2028544	141.74	ng	0.00
23) Nitrobenzene-d5	6.63	82	1257926	92.51	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	375412	140.05	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1923073	86.47	ng	0.00
78) Terphenyl-d14	13.44	244	1267336	78.43	ng	0.00
Target Compounds						
10) Phenol	5.59	94	77527	4.76	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	6.63	70	168252	18.29	ng	# 78
49) Dimethylphthalate	9.30	163	243461	10.10	ng	100
56) 2,4-Dinitrotoluene	9.63	165	43592	6.28	ng	# 33

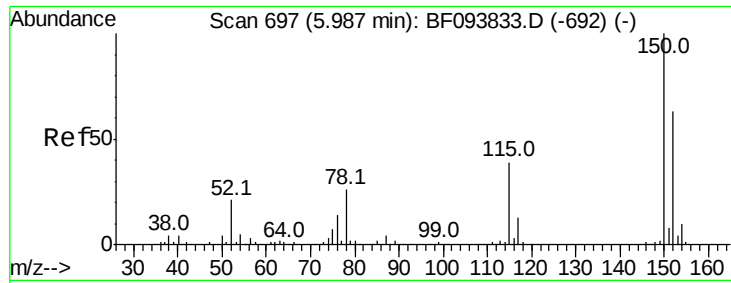
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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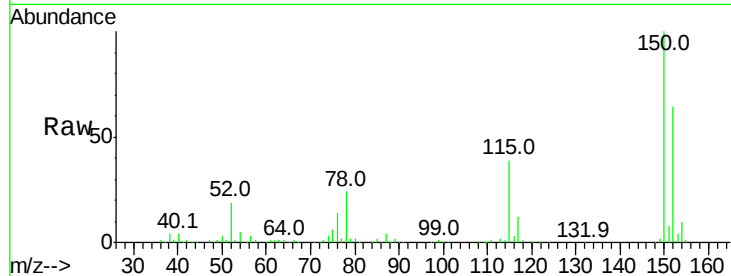


#1

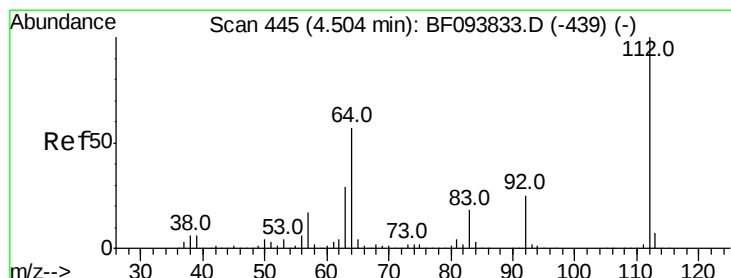
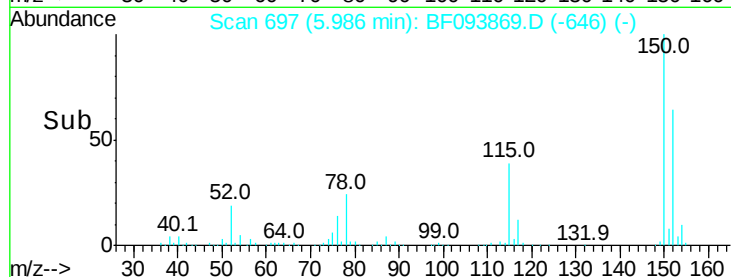
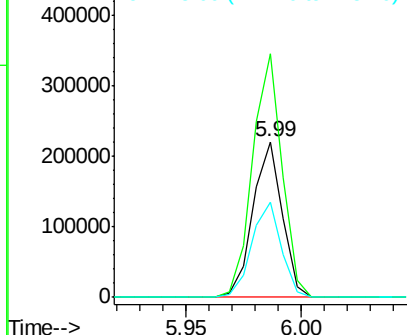
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF093869.D
Acq: 23 Mar 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 195399
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 61.4 52.2 78.2



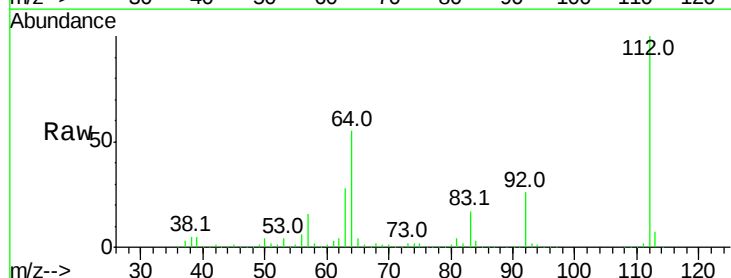
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



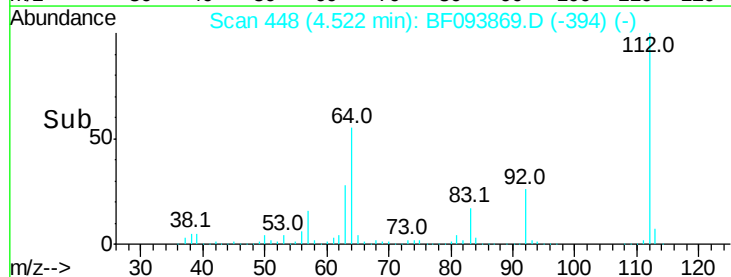
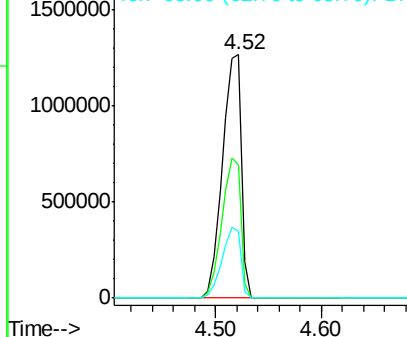
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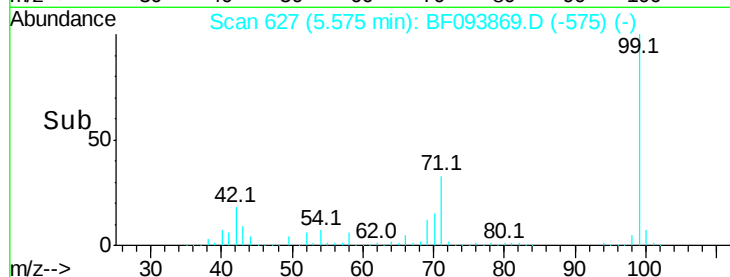
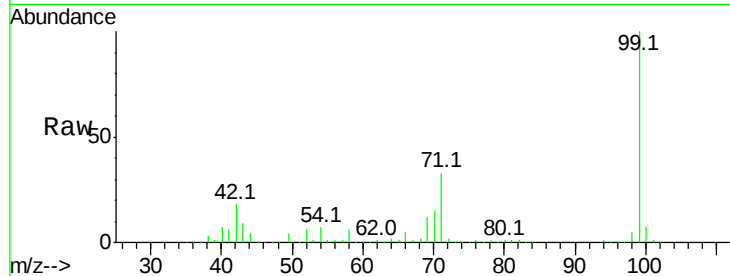
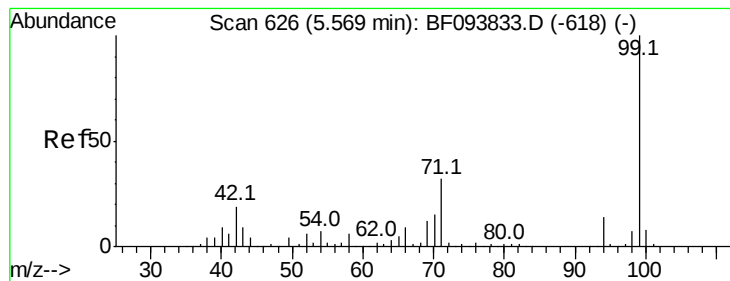
2-Fluorophenol
Concen: 136.67 ng
RT: 4.52 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF093869.D
Acq: 23 Mar 2017 8:35

Tgt Ion:112 Resp: 1581105
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.5 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: 141.74 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

BNA_F

ClientSampleId :

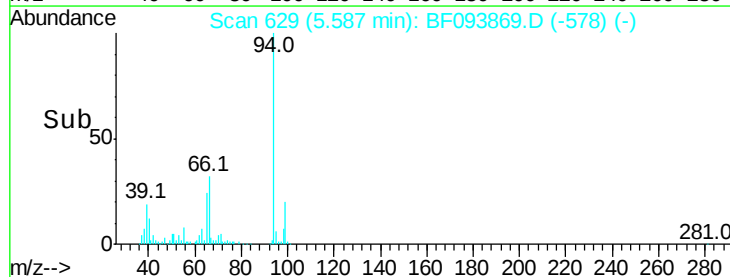
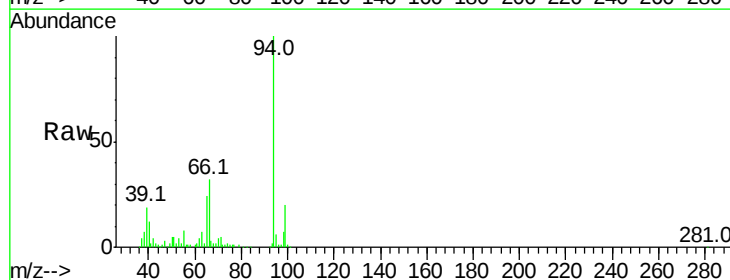
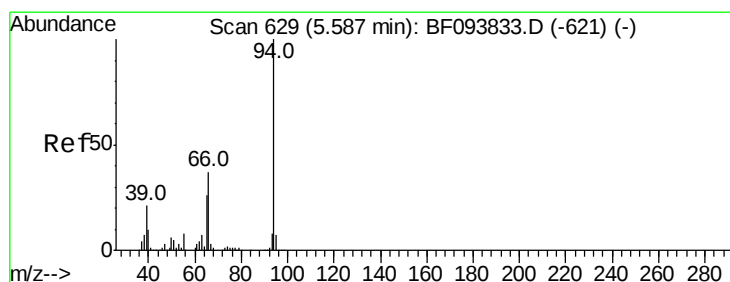
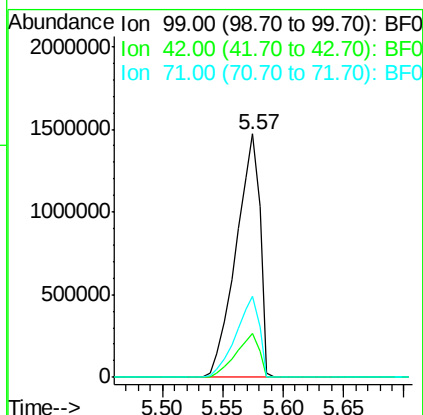
Tot Ion: 99 Resp: 2028544

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 33.3 24.5 36.7



#10

Phenol

Concen: 4.76 ng

RT: 5.59 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

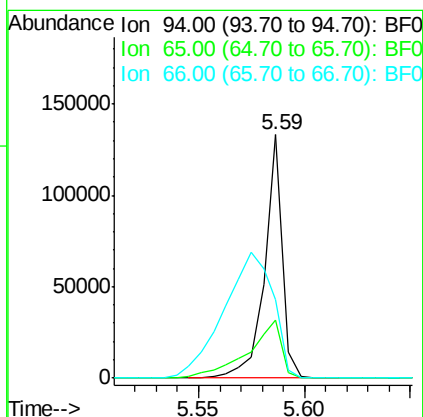
Tgt Ion: 94 Resp: 77527

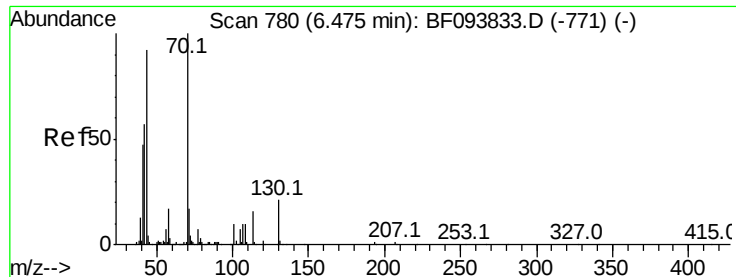
Ion Ratio Lower Upper

94 100

65 23.9 9.9 49.9

66 32.1 23.1 63.1





#19

n-Nitroso-di-n-propylamine

Concen: 18.29 ng

RT: 6.63 min Scan# 807

Delta R.T. 0.16 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 168252

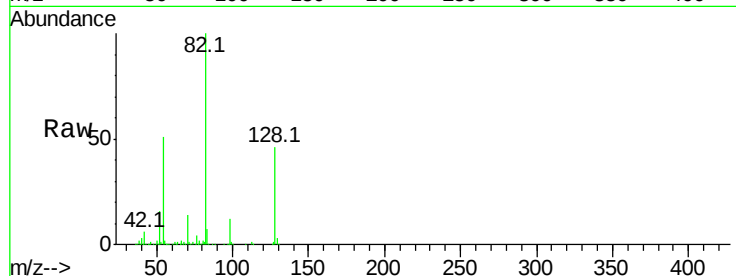
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

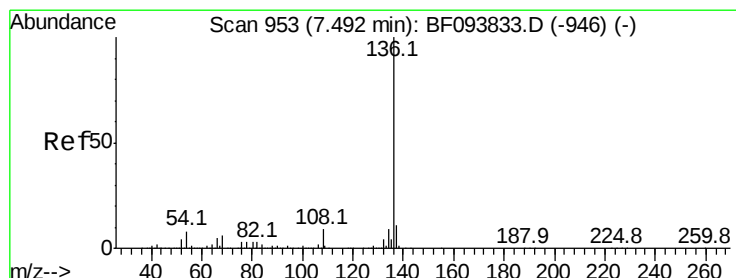
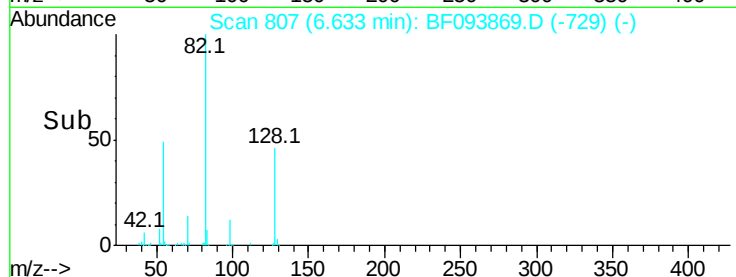
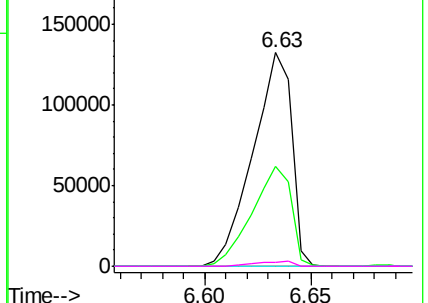


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Tgt Ion: 136 Resp: 776003

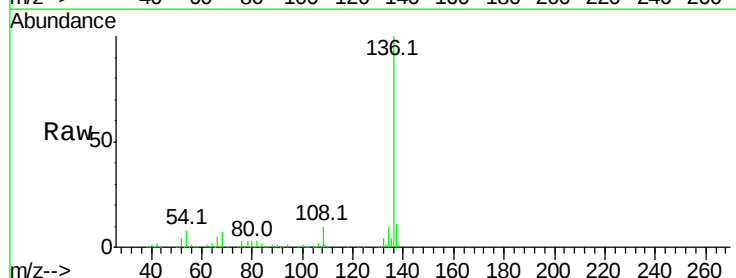
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.3 4.9 7.3#

68 6.6 4.1 6.1#

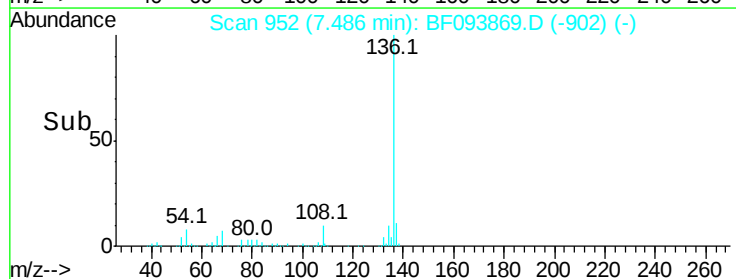
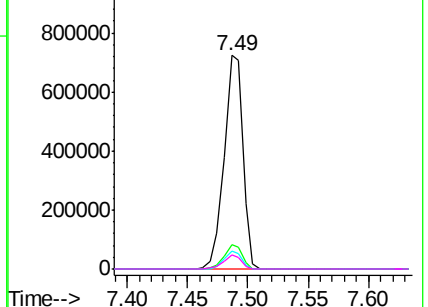


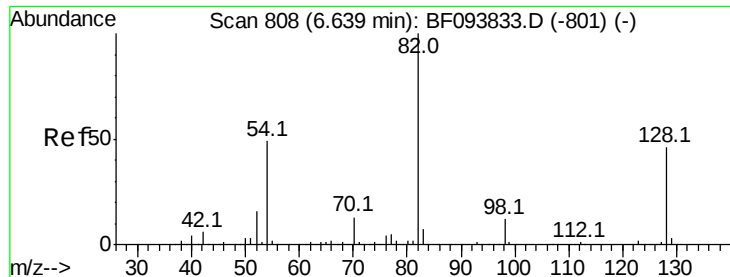
Abundance Ion 136.00 (135.70 to 136.70): E

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

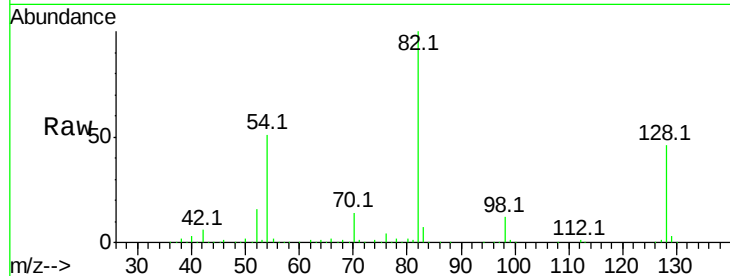




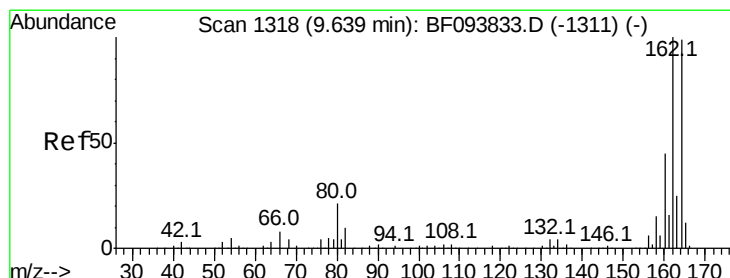
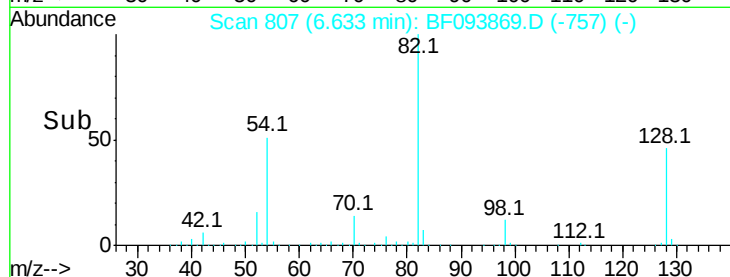
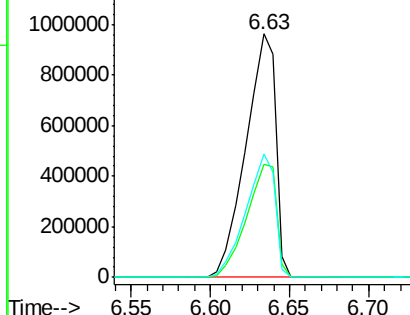
#23
Nitrobenzene-d5
Concen: 92.51 ng
RT: 6.63 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF093869.D
Acq: 23 Mar 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1257926
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 50.9 42.2 63.2

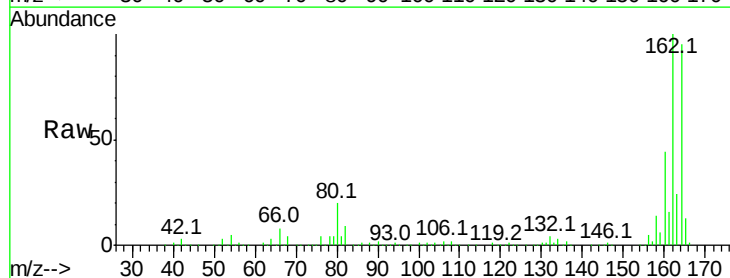


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

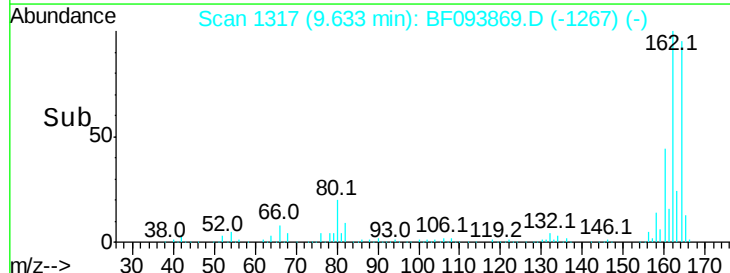
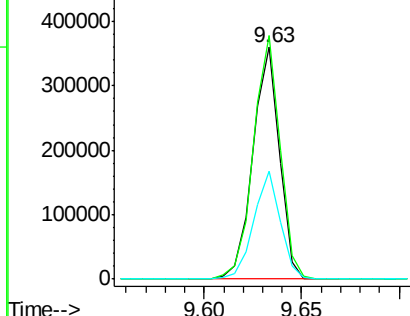


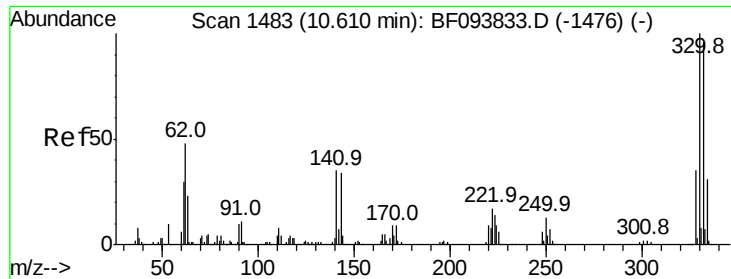
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093869.D
Acq: 23 Mar 2017 8:35

Tgt Ion:164 Resp: 339207
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 46.6 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

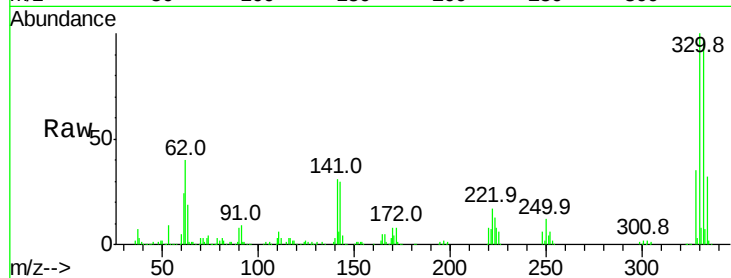




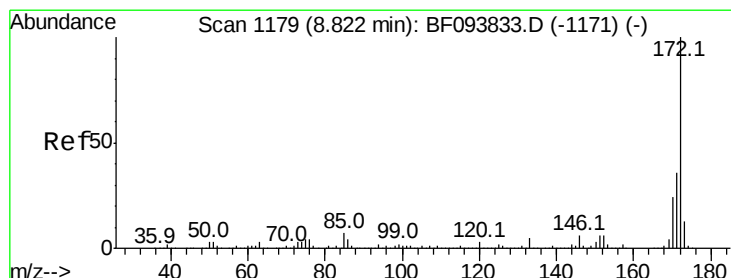
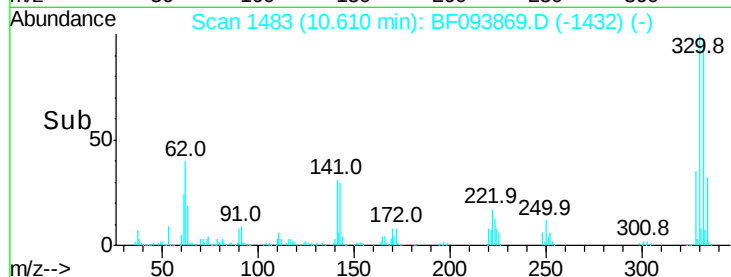
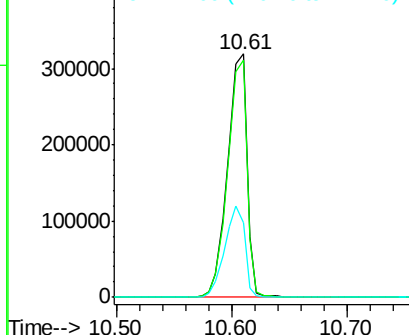
#41
 2,4,6-Tribromophenol
 Concen: 140.05 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF093869.D
 Acq: 23 Mar 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.7	31.4	47.2

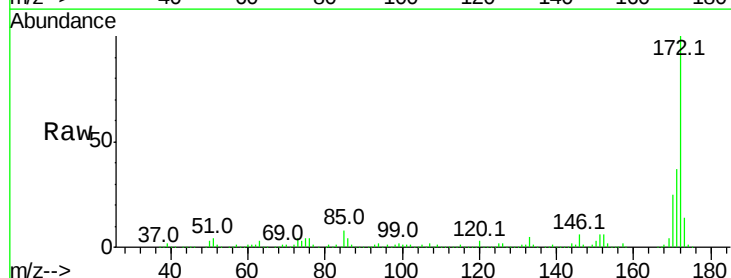


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

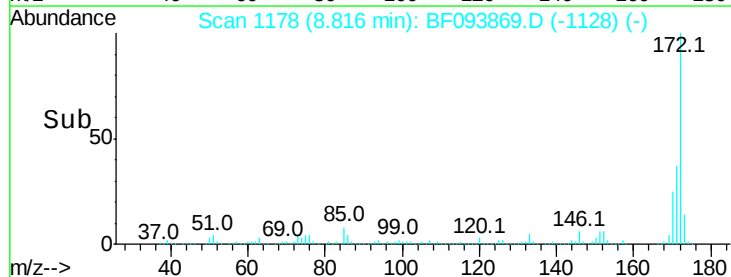
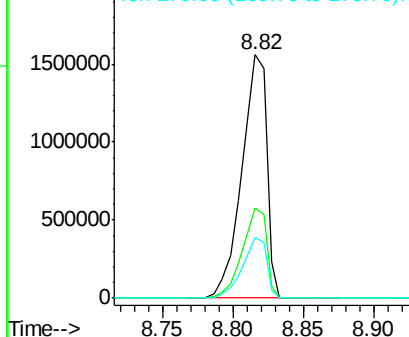


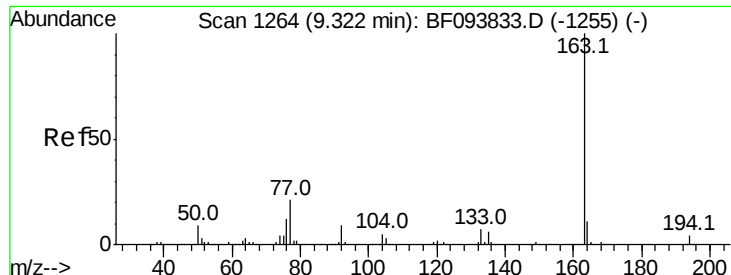
#44
 2-Fluorobiphenyl
 Concen: 86.47 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093869.D
 Acq: 23 Mar 2017 8:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.7	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

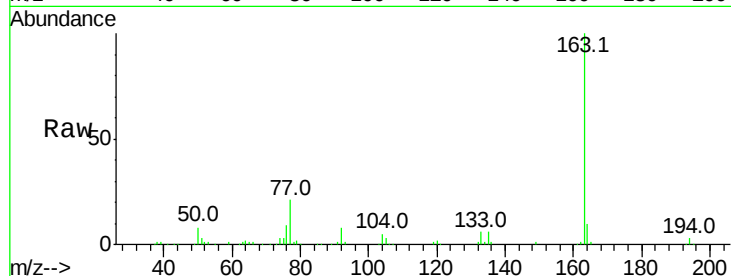




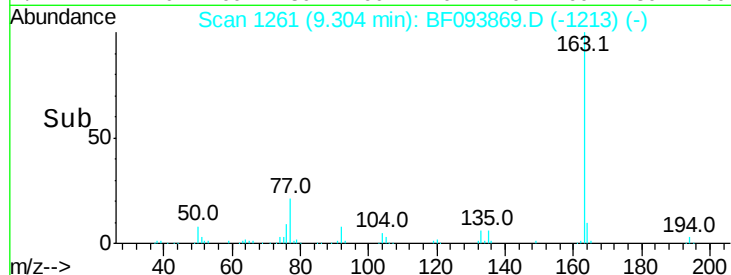
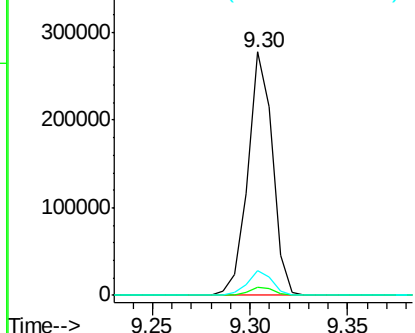
#49
Dimethylphthalate
Concen: 10.10 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093869.D
Acq: 23 Mar 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 243461
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.4 12.6



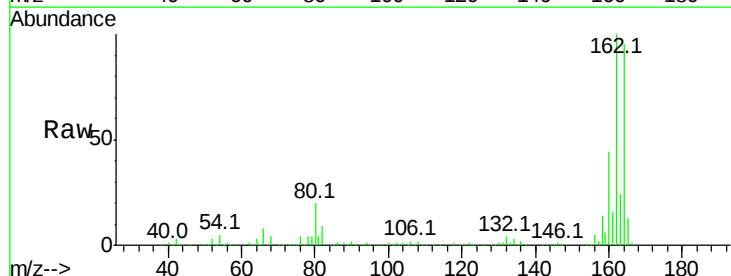
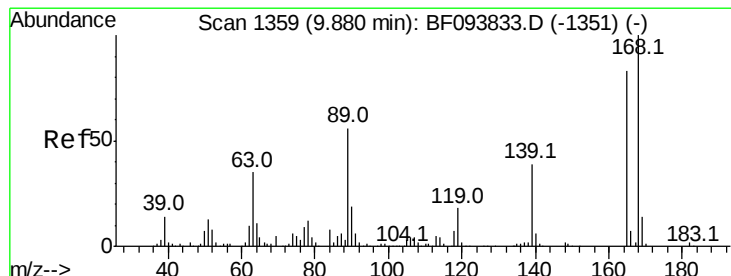
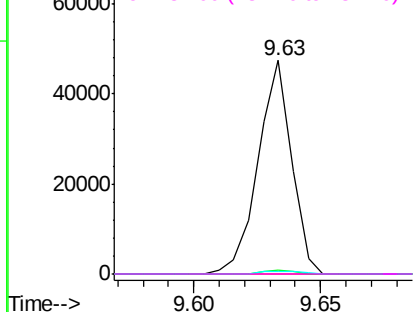
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

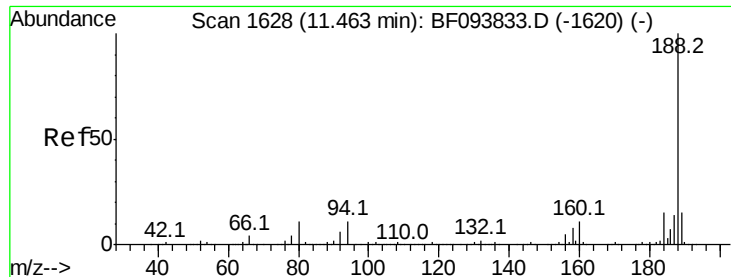


#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.25 min
Lab File: BF093869.D
Acq: 23 Mar 2017 8:35

Tgt Ion:165 Resp: 43592
Ion Ratio Lower Upper
165 100
63 2.1 25.4 38.0#
89 1.4 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: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

BNA_F

ClientSampleId :

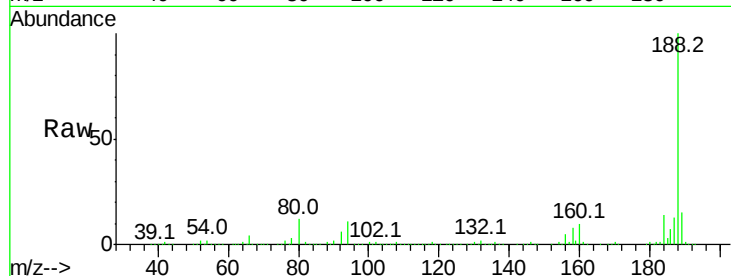
Tot Ion:188 Resp: 560761

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

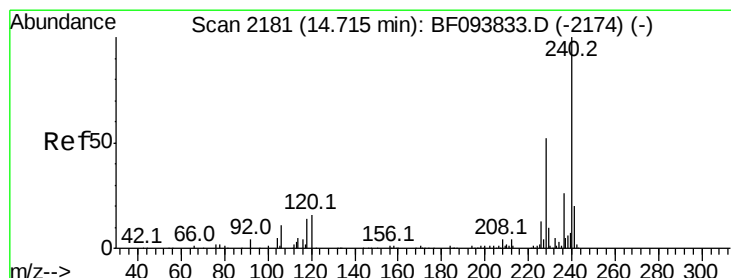
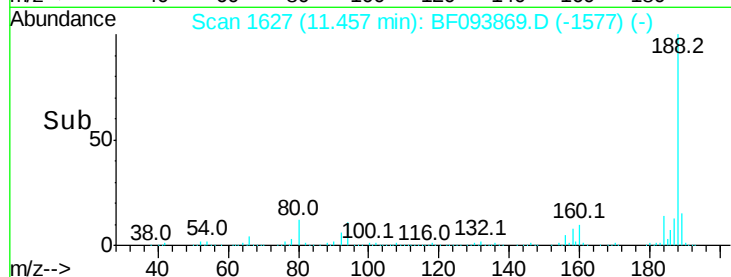
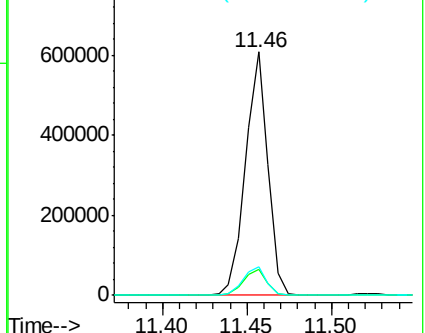
80 11.7 10.2 15.2



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: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

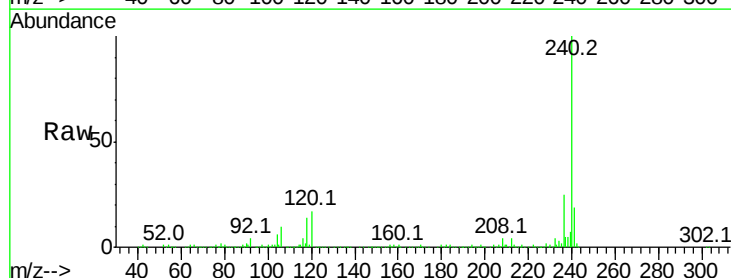
Tgt Ion:240 Resp: 362214

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

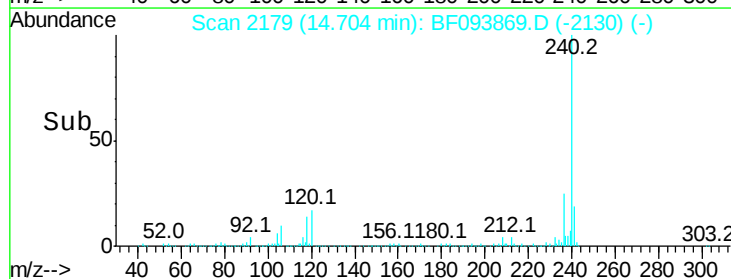
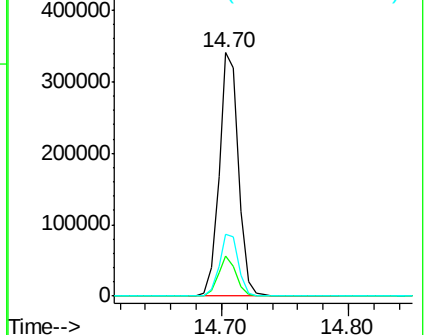
236 25.3 20.5 30.7

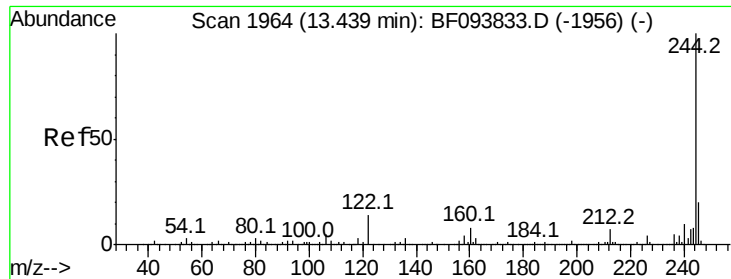


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

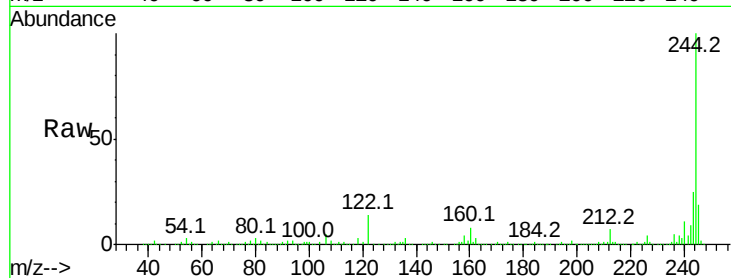




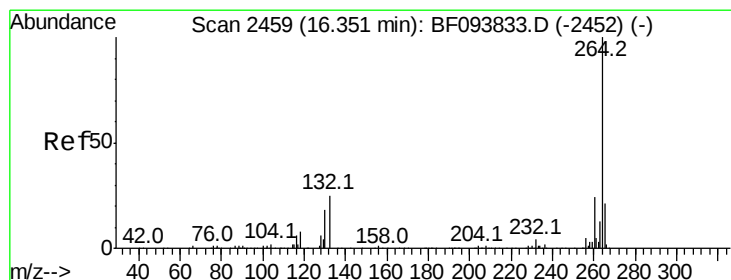
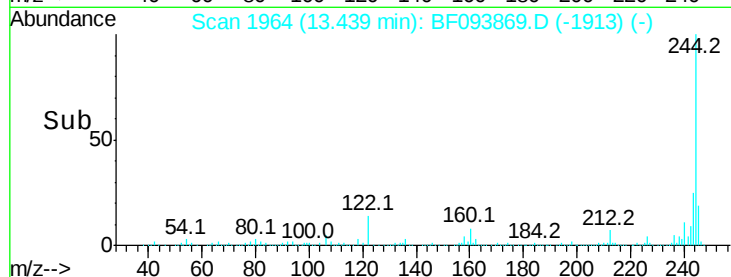
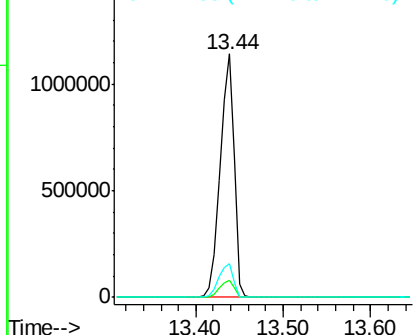
#78
 Terphenyl-d14
 Concen: 78.43 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BF093869.D
 Acq: 23 Mar 2017 8:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1267336
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.9 10.3 15.5

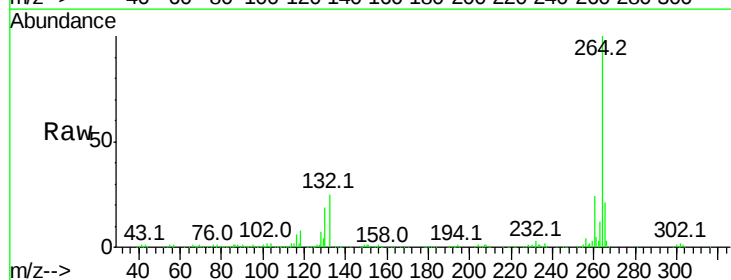


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF093869.D
 Acq: 23 Mar 2017 8:35

Tgt Ion:264 Resp: 305458
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.8 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

