

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093984.D
 Acq On : 28 Mar 2017 10:42
 Operator : SJ/MA
 Sample : I2411-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 13:41:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

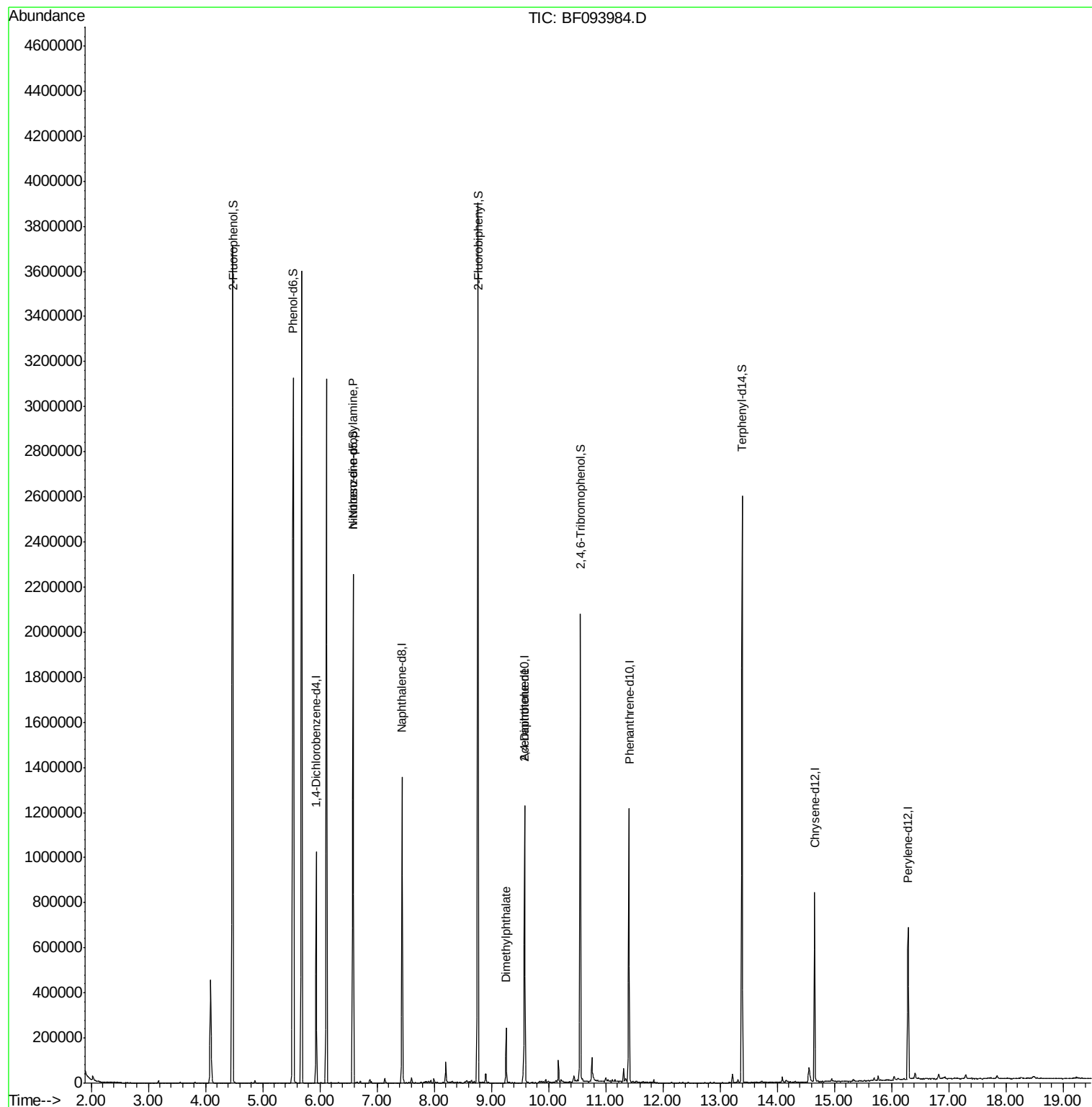
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	164638	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	668186	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	291727	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	476555	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	313274	20.00	ng	-0.02
86) Perylene-d12	16.29	264	278055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1156277	118.62	ng	0.00
7) Phenol-d6	5.53	99	1484812	123.13	ng	-0.02
23) Nitrobenzene-d5	6.59	82	901512	77.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	262503	113.87	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1467262	76.71	ng	-0.01
78) Terphenyl-d14	13.39	244	928501	66.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	117881	15.21	ng	# 77
49) Dimethylphthalate	9.26	163	107946	5.21	ng	100
56) 2,4-Dinitrotoluene	9.58	165	37888	6.34	ng	# 32

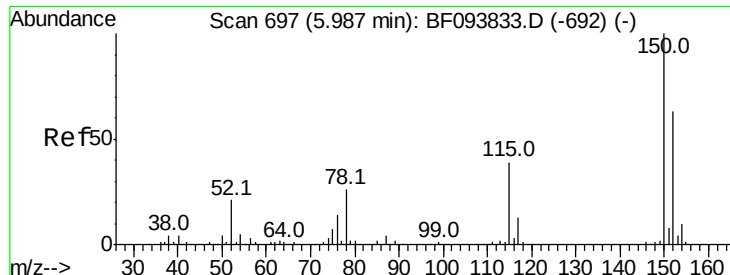
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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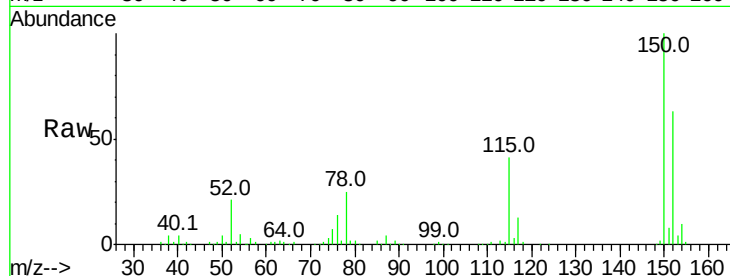


#1

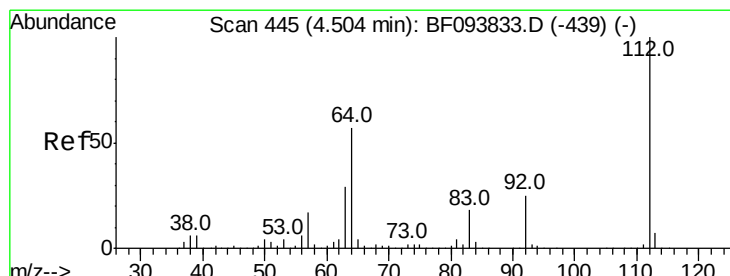
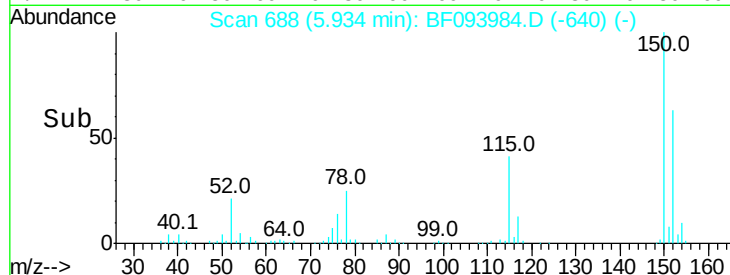
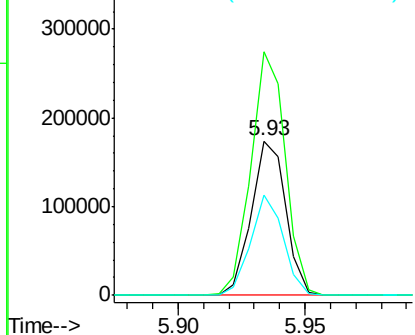
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF093984.D
Acq: 28 Mar 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164638
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 65.2 52.2 78.2



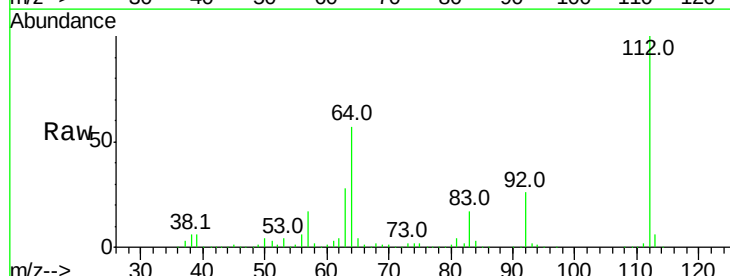
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



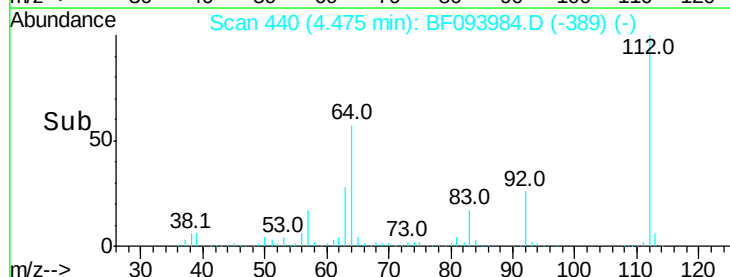
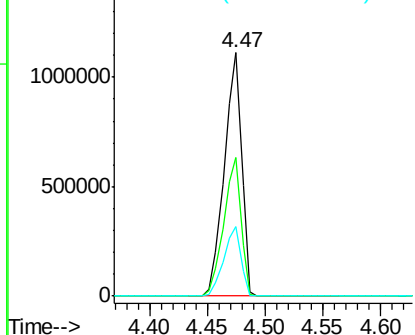
#5

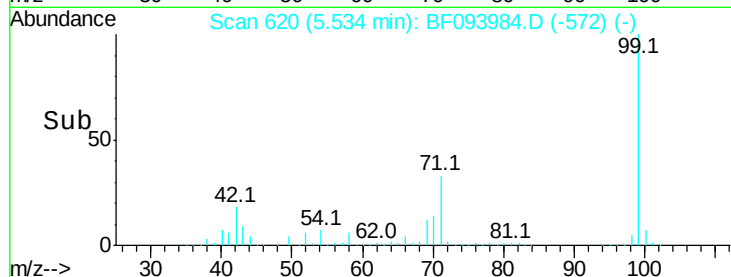
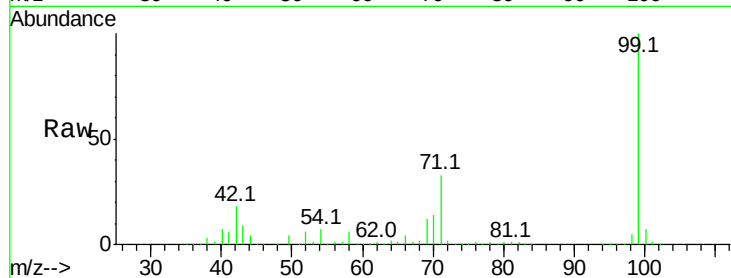
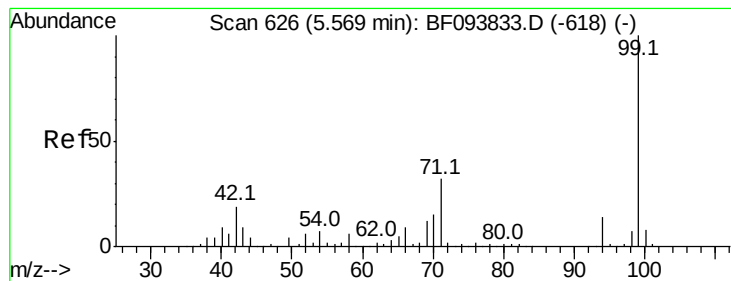
2-Fluorophenol
Concen: 118.62 ng
RT: 4.47 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093984.D
Acq: 28 Mar 2017 10:42

Tgt Ion:112 Resp: 1156277
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 28.4 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: 123.13 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093984.D

Acq: 28 Mar 2017 10:42

Instrument :

BNA_F

ClientSampled :

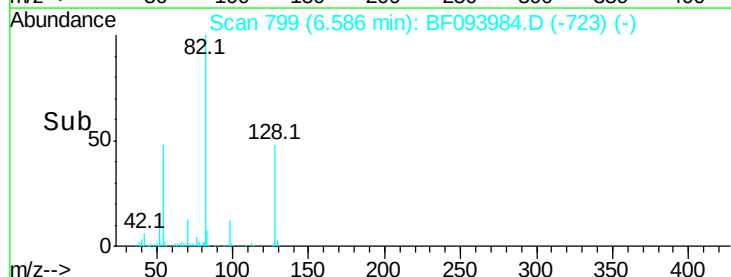
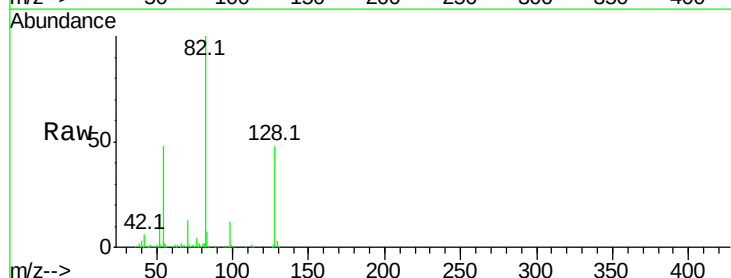
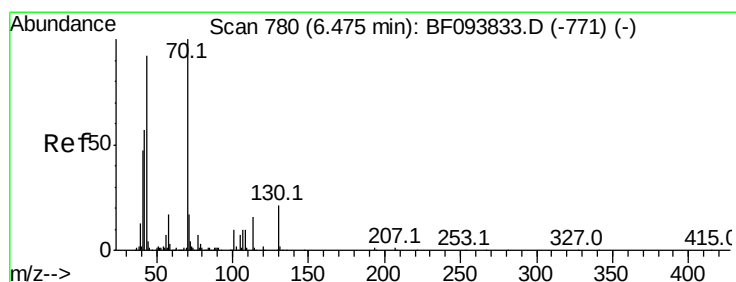
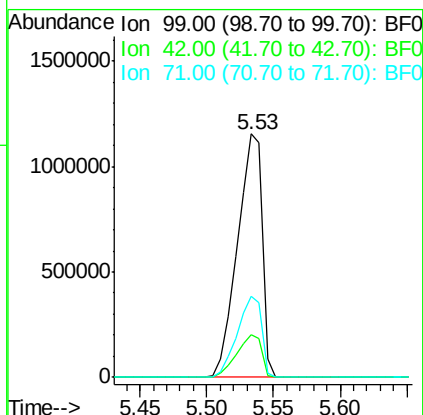
Tot Ion: 99 Resp: 1484812

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 33.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.21 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093984.D

Acq: 28 Mar 2017 10:42

Tgt Ion: 70 Resp: 117881

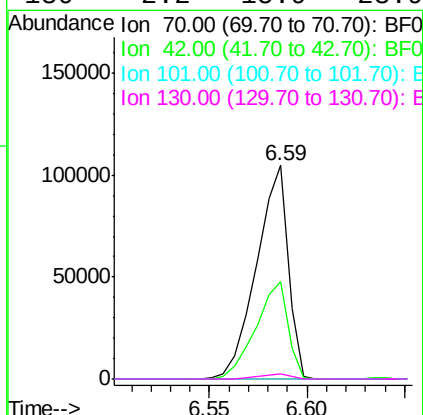
Ion Ratio Lower Upper

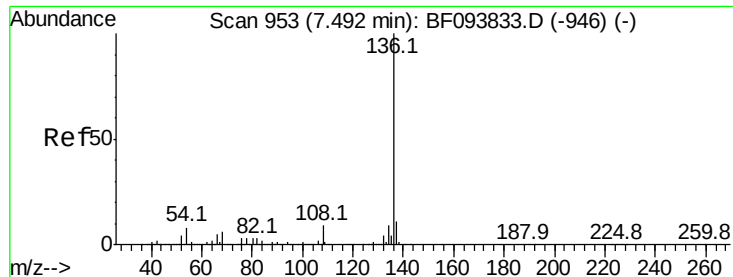
70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093984.D

Acq: 28 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 668186

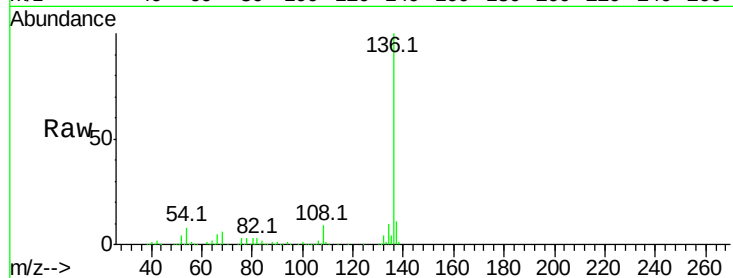
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 5.9 4.1 6.1

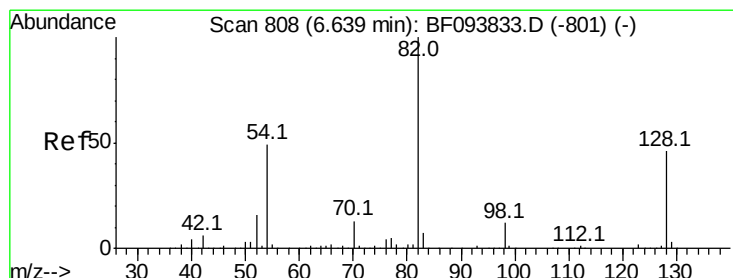
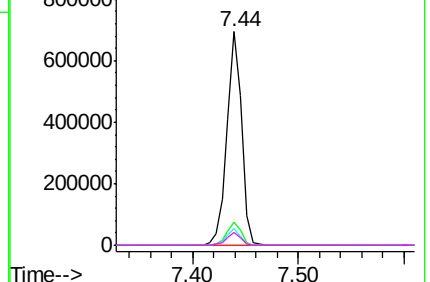
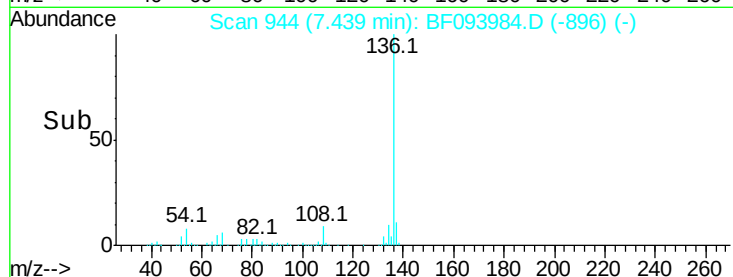


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.00 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093984.D

Acq: 28 Mar 2017 10:42

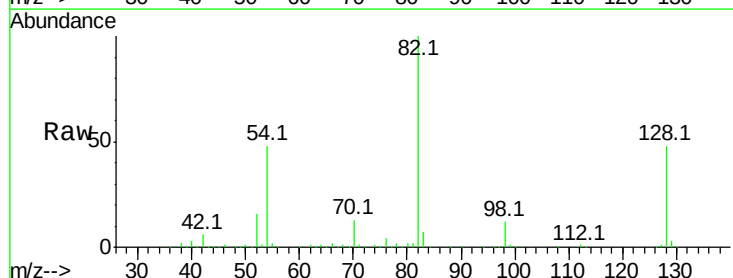
Tgt Ion: 82 Resp: 901512

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

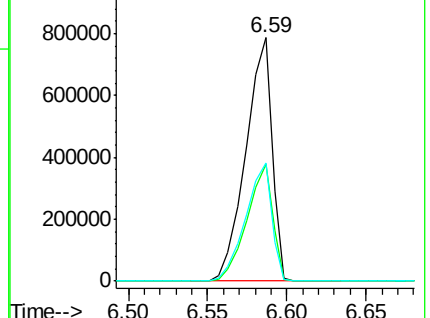
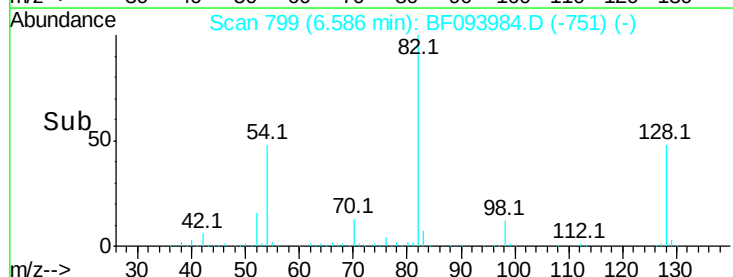
54 48.4 42.2 63.2

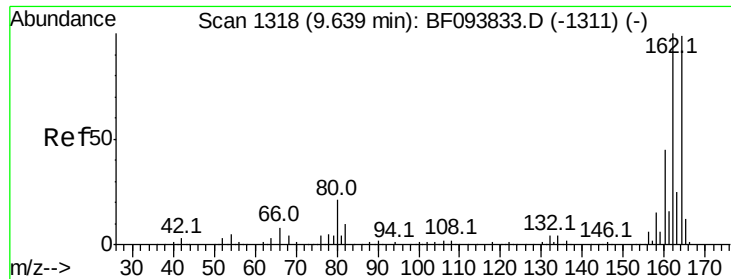


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

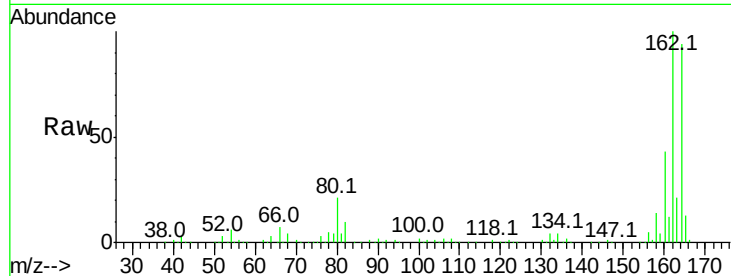




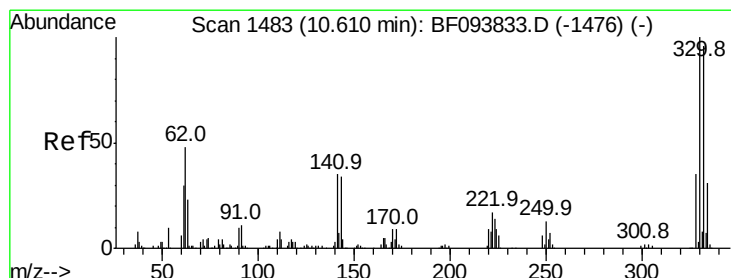
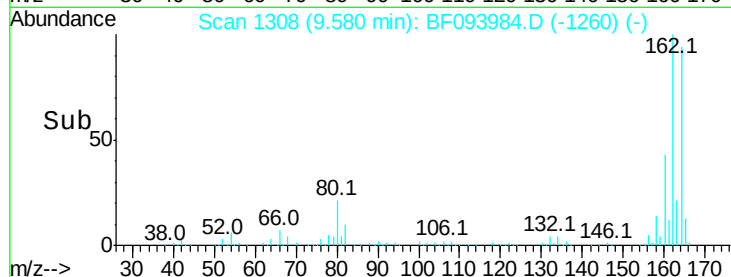
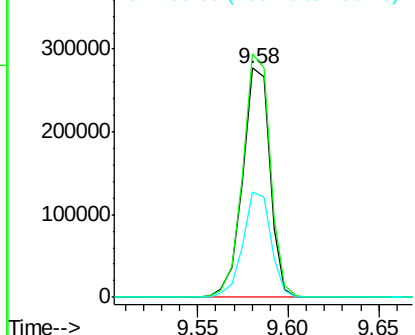
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF093984.D
 Acq: 28 Mar 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	45.8	36.2	54.2

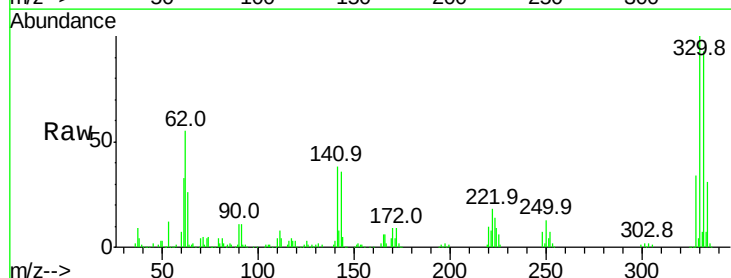


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

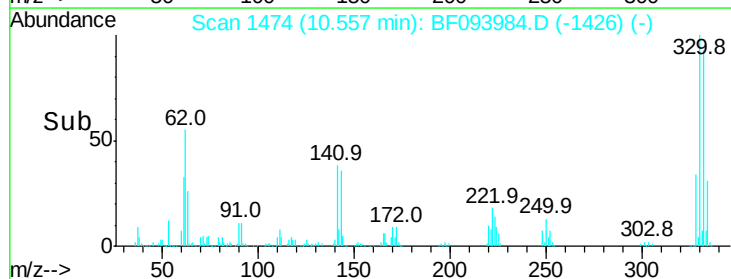
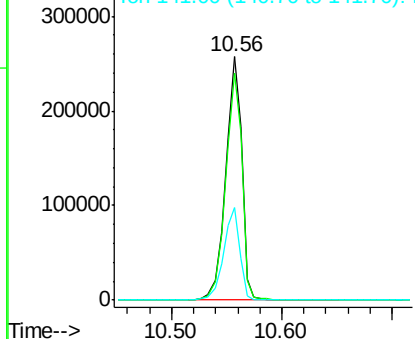


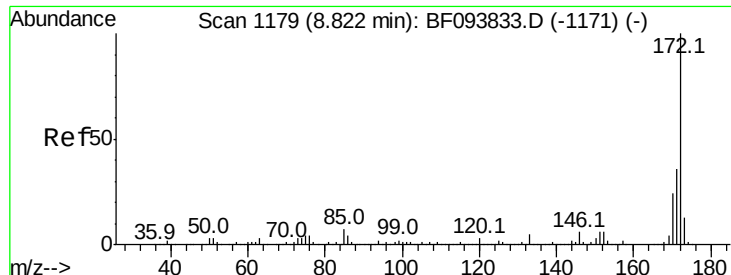
#41
 2,4,6-Tribromophenol
 Concen: 113.87 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF093984.D
 Acq: 28 Mar 2017 10:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	38.1	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

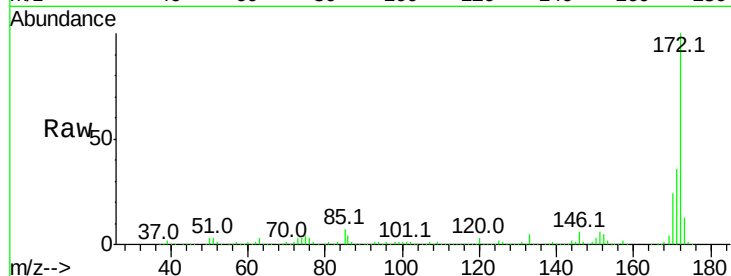




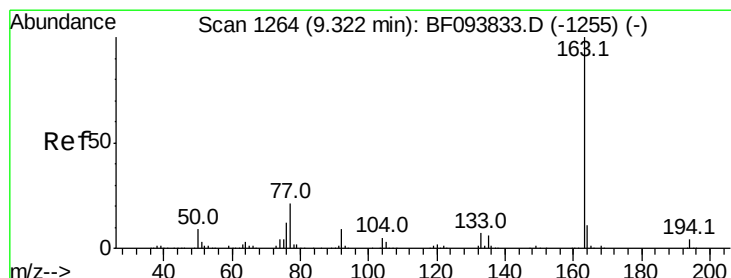
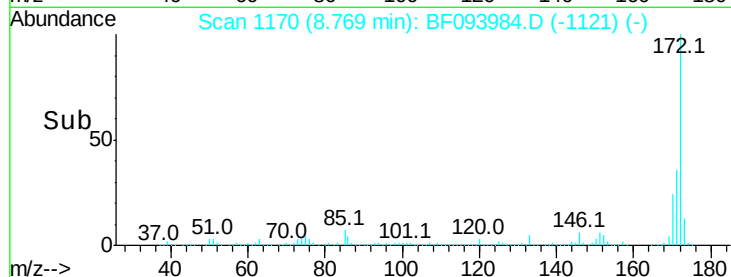
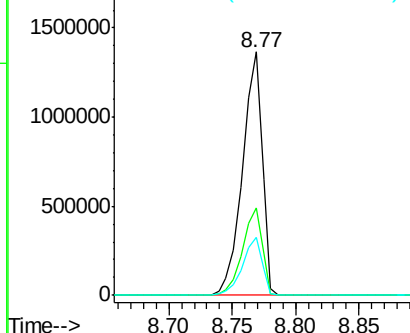
#44
2-Fluorobiphenyl
Concen: 76.71 ng
RT: 8.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093984.D
Acq: 28 Mar 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1467262
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.6 19.8 29.8

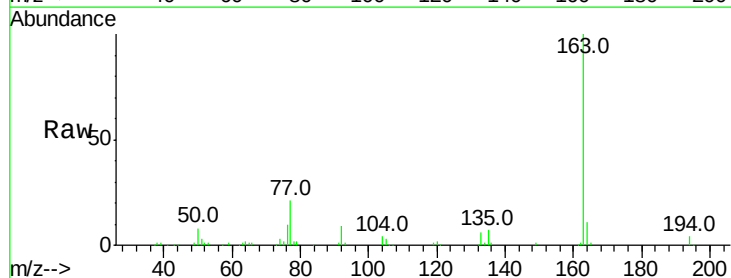


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

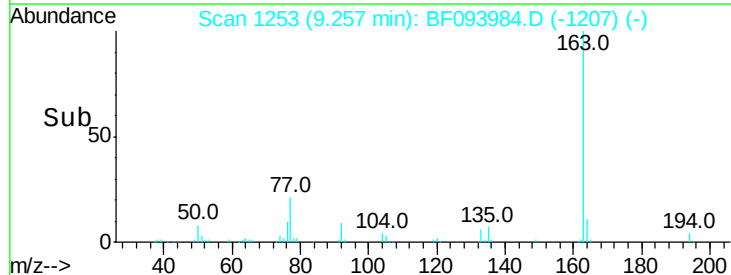
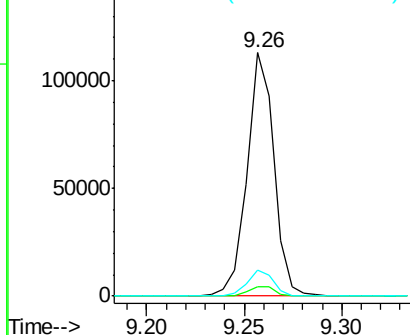


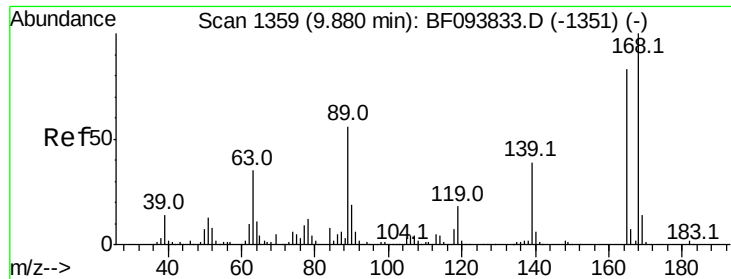
#49
Dimethylphthalate
Concen: 5.21 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF093984.D
Acq: 28 Mar 2017 10:42

Tgt Ion:163 Resp: 107946
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.6 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

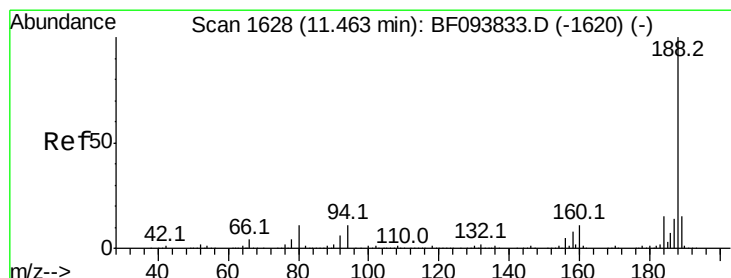
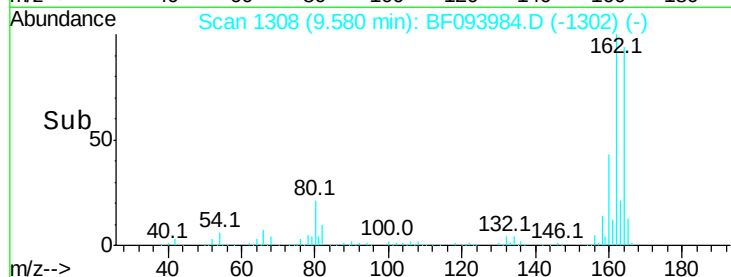
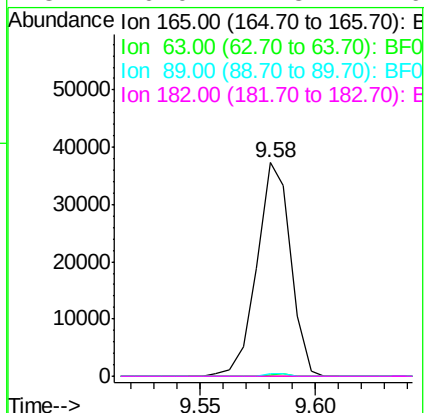
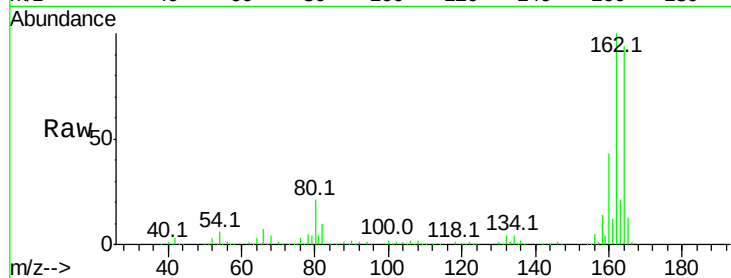




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.26 min
 Lab File: BF093984.D
 Acq: 28 Mar 2017 10:42

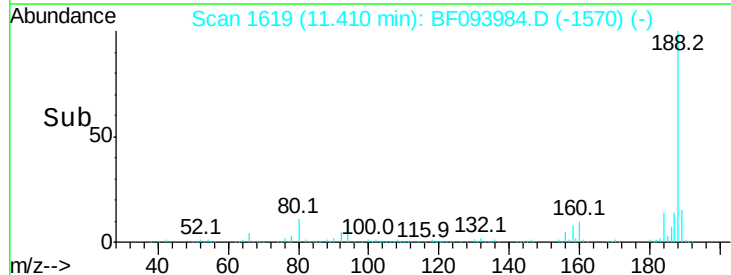
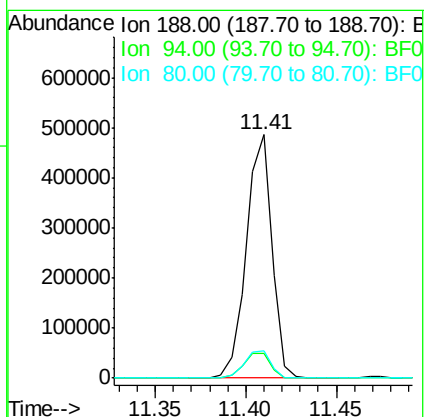
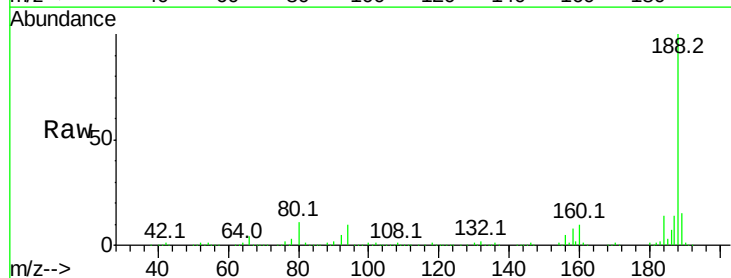
Instrument :
 BNA_F
 ClientSampleId :

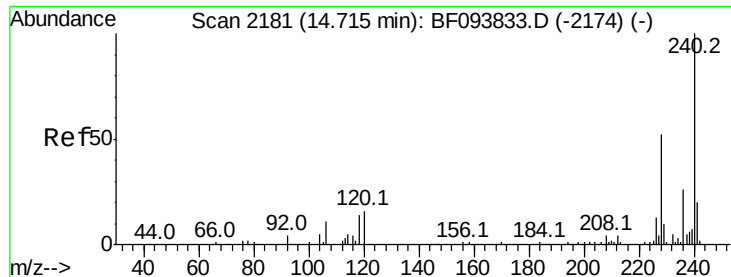
Tot Ion:	165	Resp:	37888
Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093984.D
 Acq: 28 Mar 2017 10:42

Tgt Ion:	188	Resp:	476555
Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.0	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF093984.D

Acq: 28 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

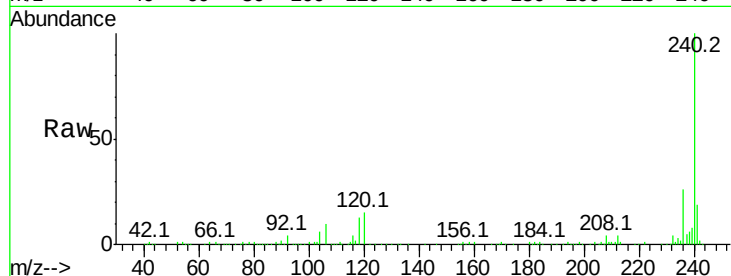
Tot Ion:240 Resp: 313274

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

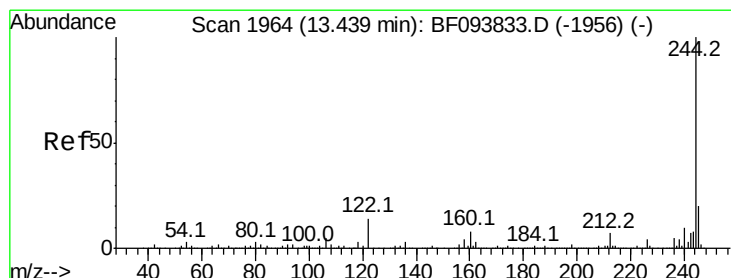
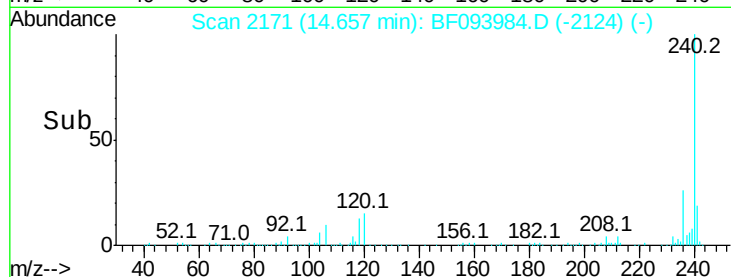
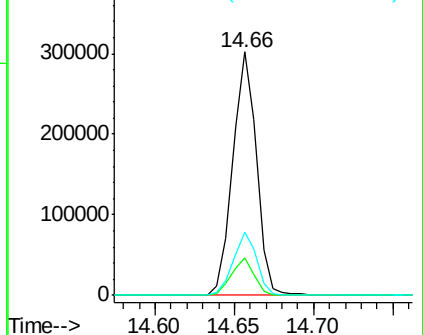
236 25.9 20.5 30.7



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: 66.43 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093984.D

Acq: 28 Mar 2017 10:42

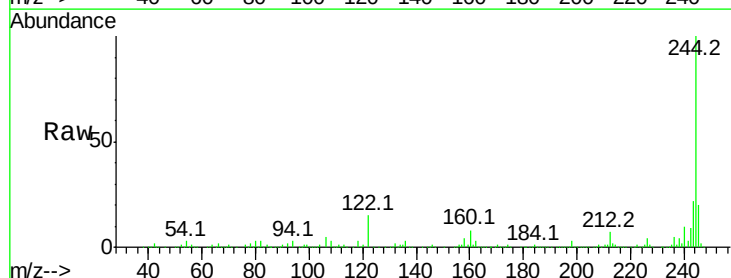
Tgt Ion:244 Resp: 928501

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

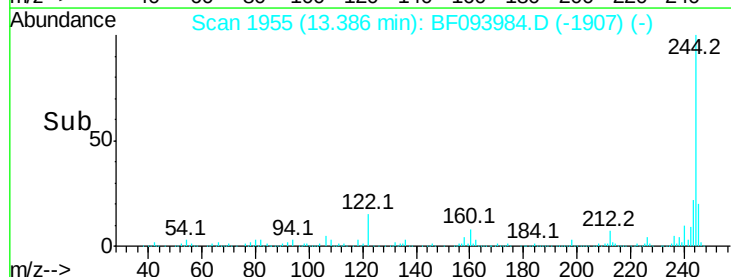
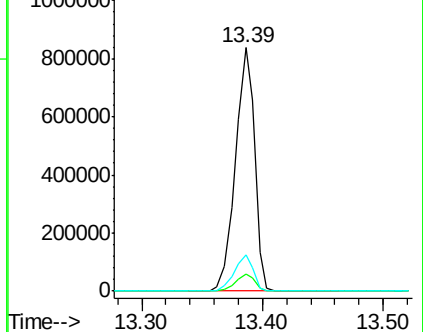
122 14.8 10.3 15.5

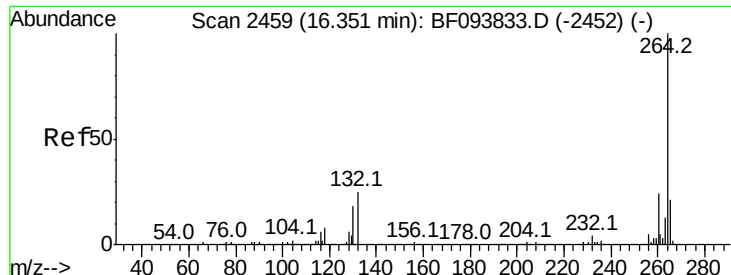


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

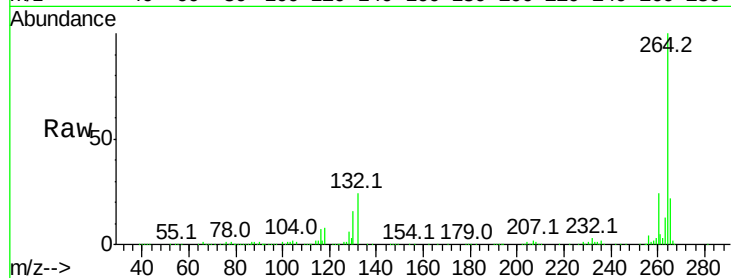




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093984.D
Acq: 28 Mar 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.3	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

