

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093975.D
 Acq On : 28 Mar 2017 6:34
 Operator : SJ/MA
 Sample : PB97833BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BL

Quant Time: Mar 28 07:07:21 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

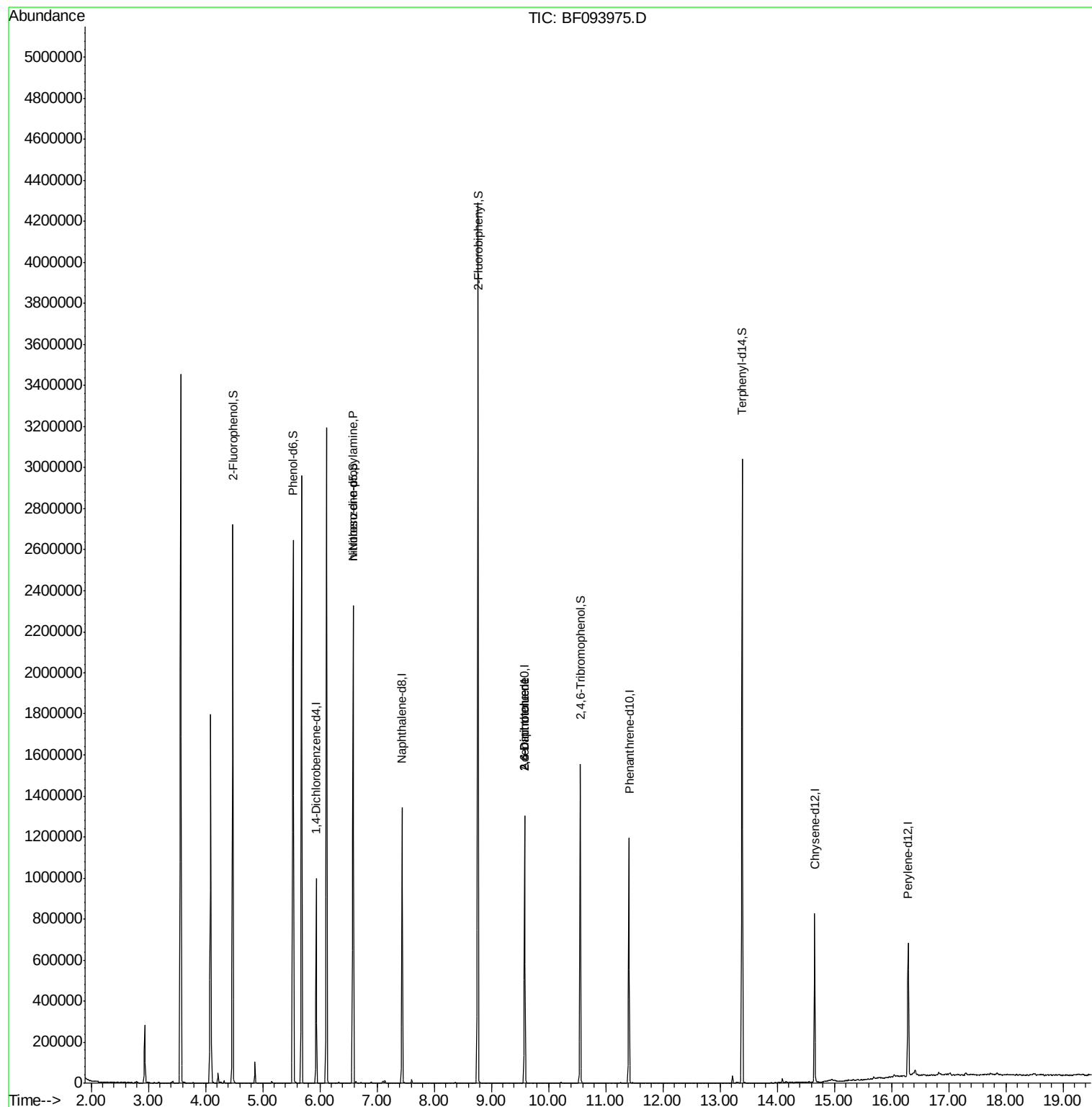
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	168909	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	670327	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	294706	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	474899	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	308972	20.00	ng	-0.02
86) Perylene-d12	16.29	264	259372	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	855016	85.50	ng	0.00
7) Phenol-d6	5.53	99	1052163	85.05	ng	-0.02
23) Nitrobenzene-d5	6.59	82	935638	79.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	195300	83.86	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1666363	86.24	ng	-0.01
78) Terphenyl-d14	13.39	244	1134314	82.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	122064	15.35	ng	# 77
50) 2,6-Dinitrotoluene	9.59	165	36639	7.63	ng	# 34
56) 2,4-Dinitrotoluene	9.59	165	36638	6.07	ng	# 33

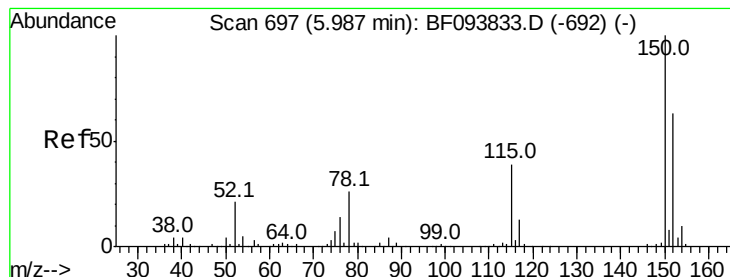
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

Instrument :

BNA_F

ClientSampleId :

PB97833BL

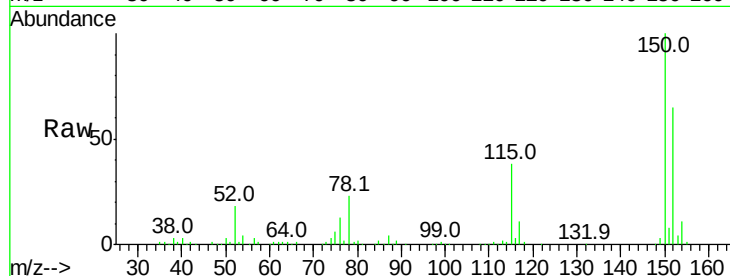
Tot Ion:152 Resp: 168909

Ion Ratio Lower Upper

152 100

150 153.2 126.2 189.2

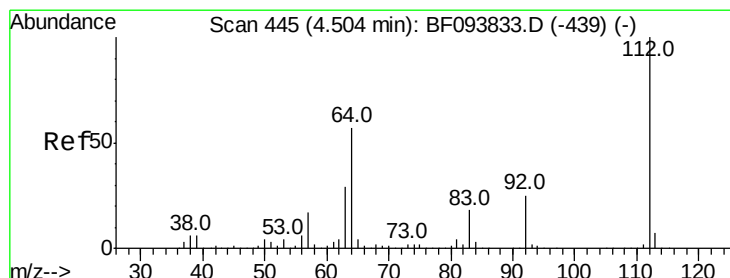
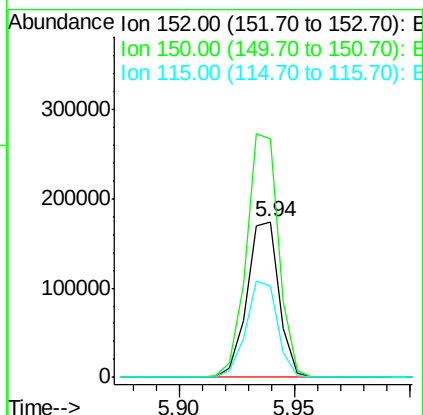
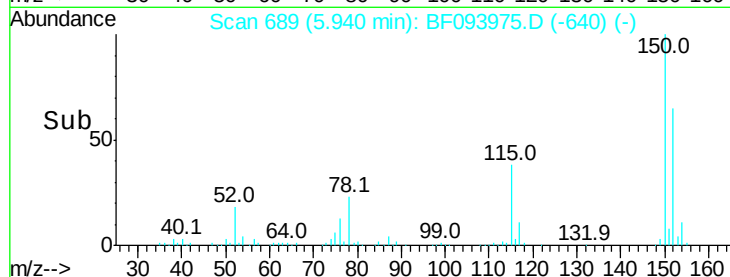
115 58.7 52.2 78.2



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: 85.50 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

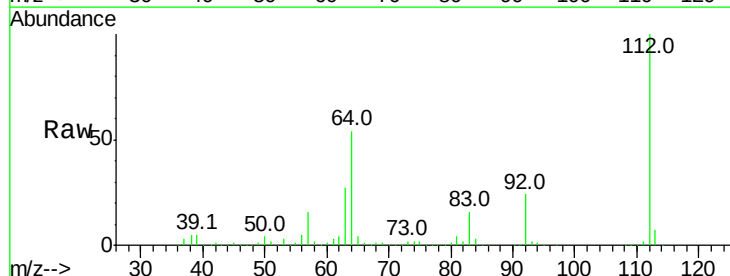
Tgt Ion:112 Resp: 855016

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

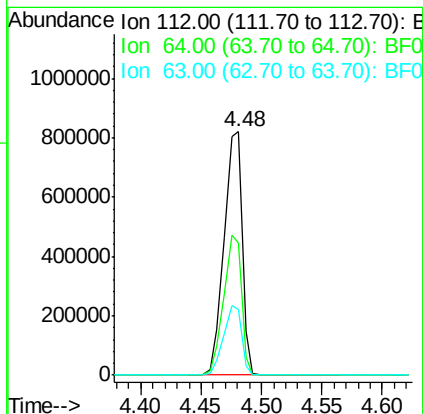
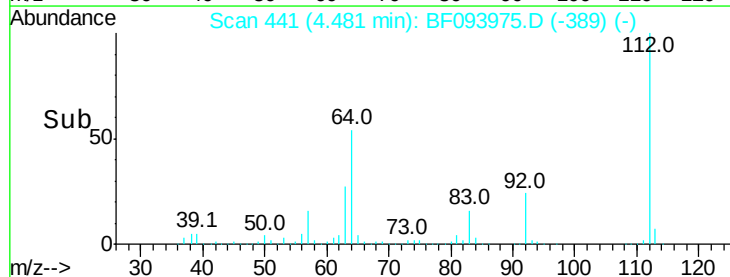
63 26.8 23.4 35.0

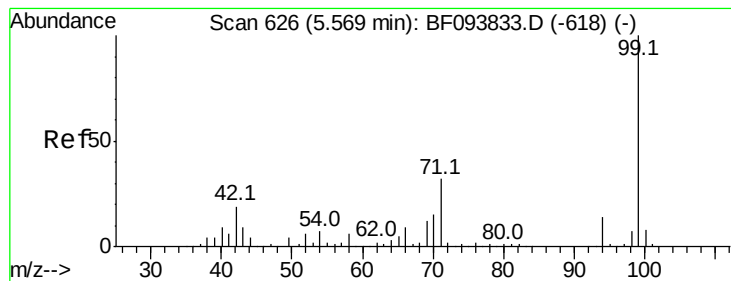


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.05 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

Instrument :

BNA_F

ClientSampleId :

PB97833BL

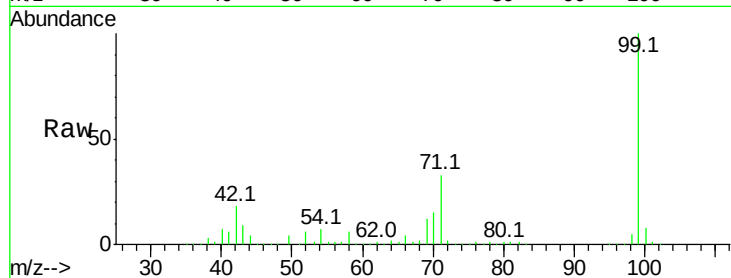
Tot Ion: 99 Resp: 1052163

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

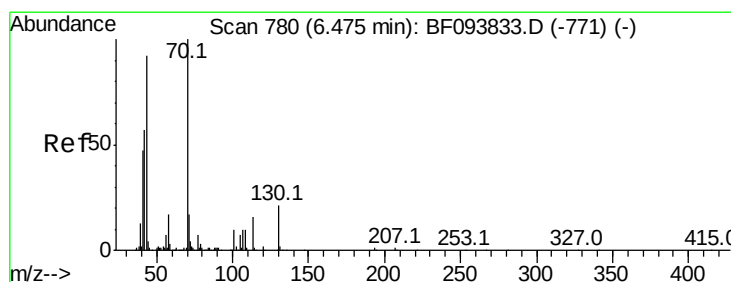
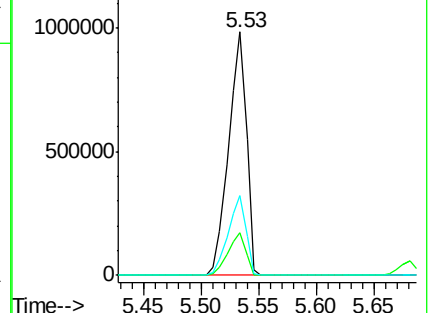
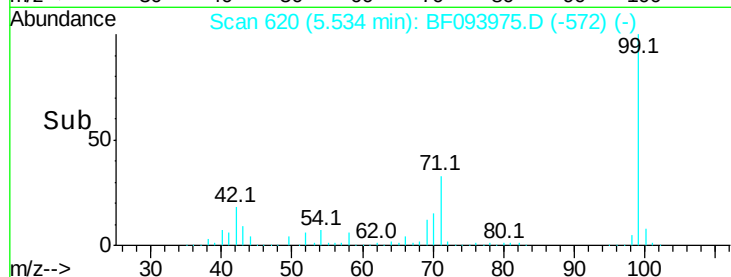
71 32.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.35 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

Tgt Ion: 70 Resp: 122064

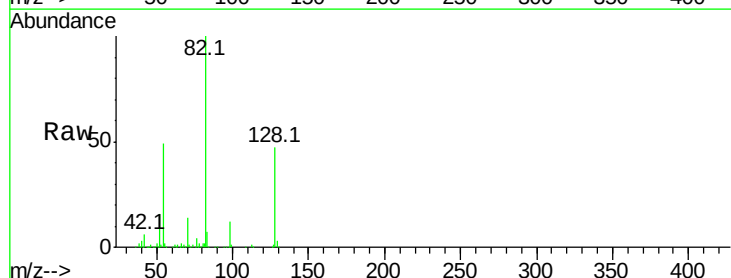
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

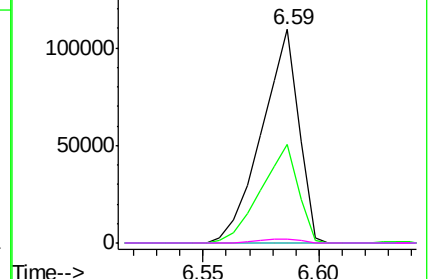
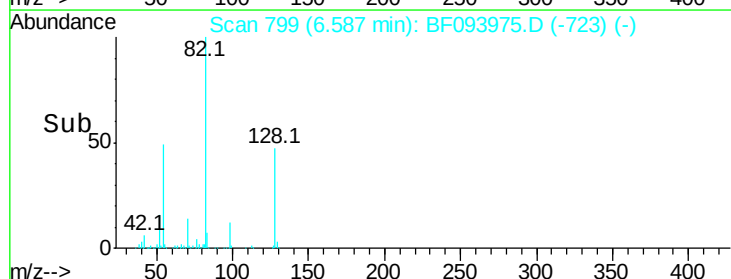


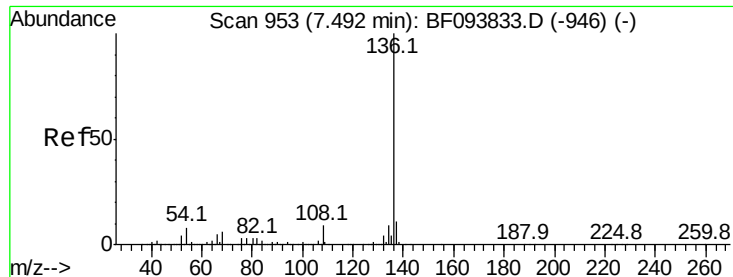
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

Instrument :

BNA_F

ClientSampleId :

PB97833BL

Tot Ion:136 Resp: 670327

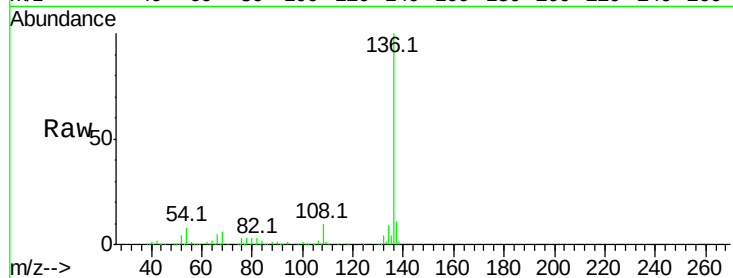
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.7 4.9 7.3#

68 6.1 4.1 6.1#

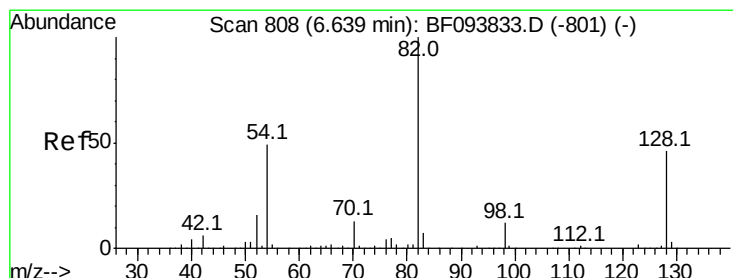
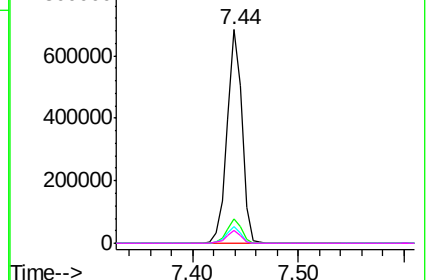
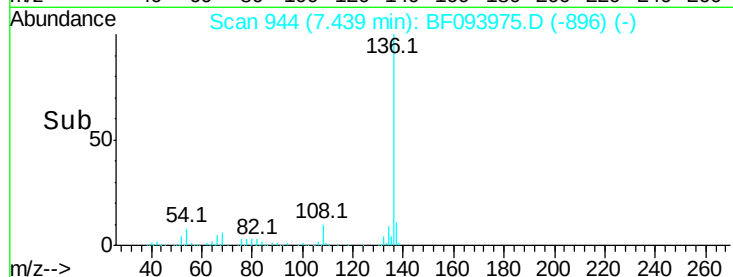


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.66 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

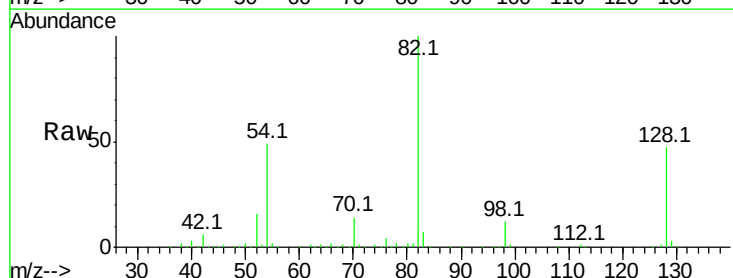
Tgt Ion: 82 Resp: 935638

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

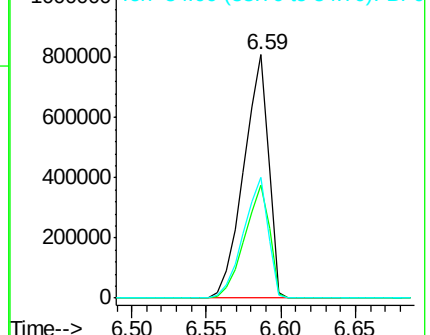
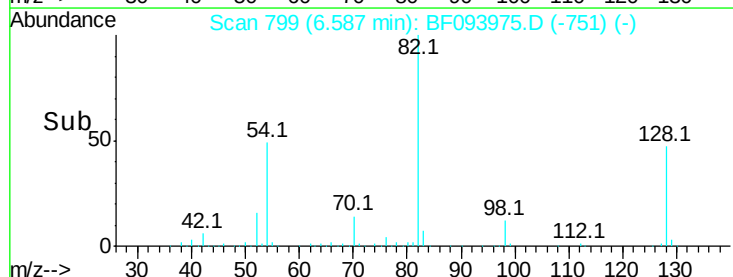
54 49.5 42.2 63.2

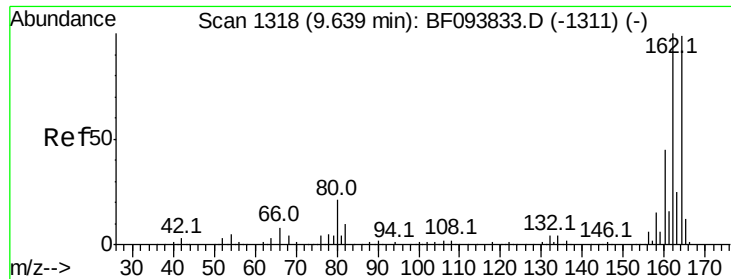


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

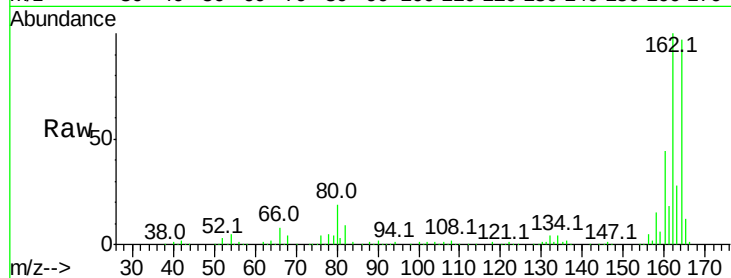




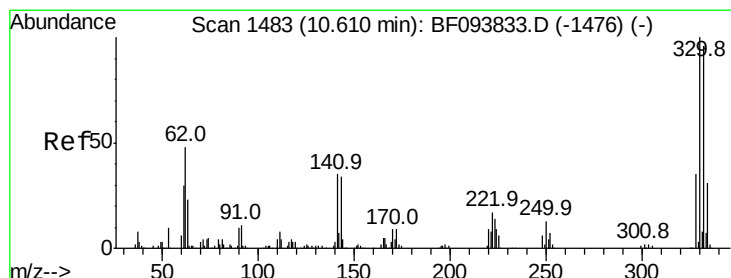
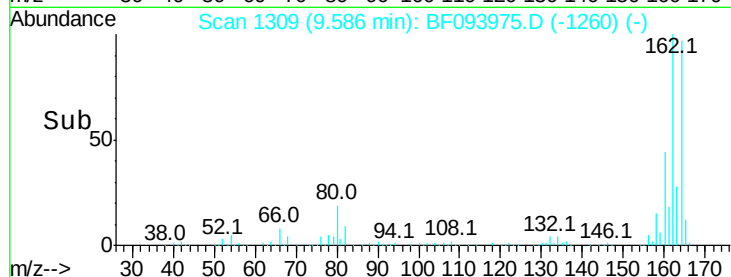
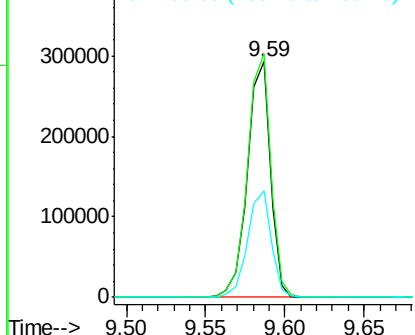
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BL

Tot Ion:164 Resp: 294706
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 45.2 36.2 54.2

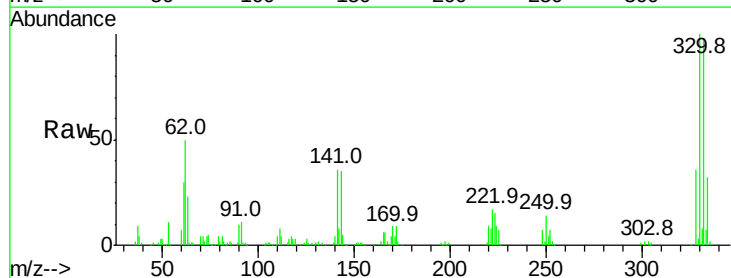


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

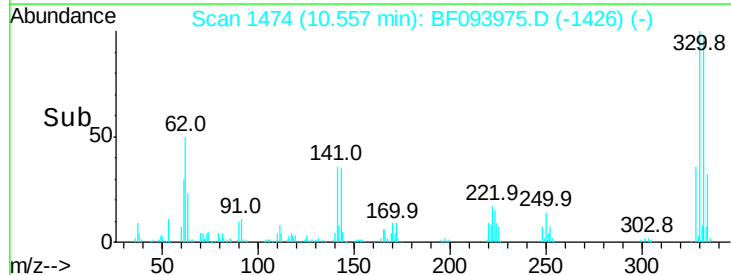
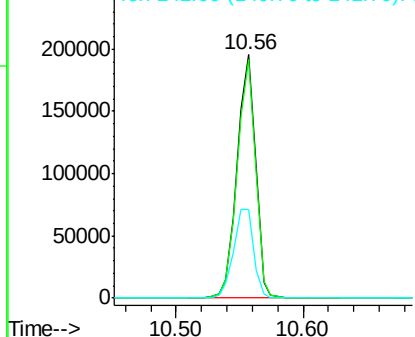


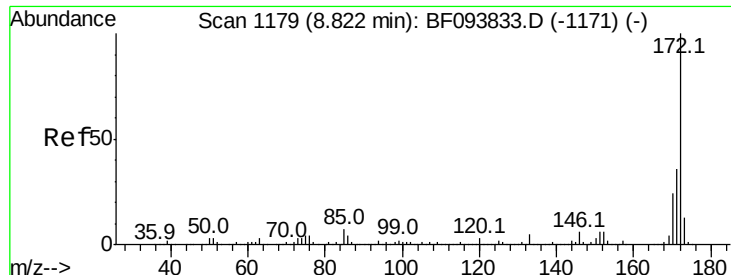
#41
 2,4,6-Tribromophenol
 Concen: 83.86 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

Tgt Ion:330 Resp: 195300
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.7 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



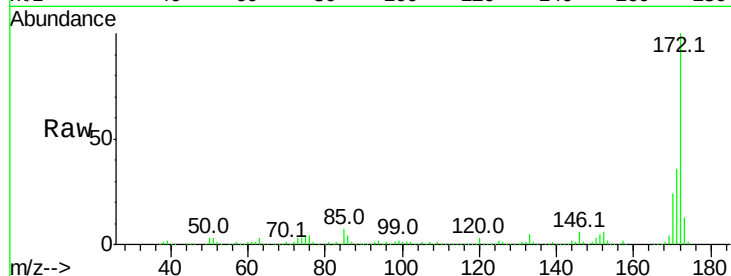


#44
 2-Fluorobiphenyl
 Concen: 86.24 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

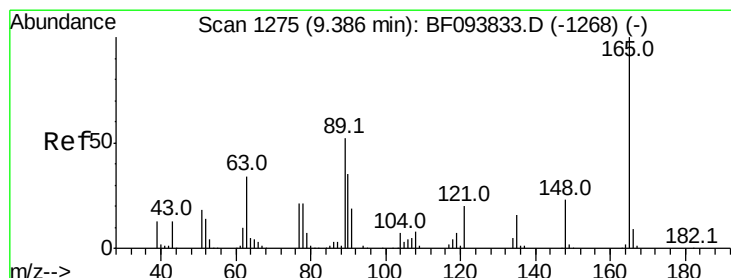
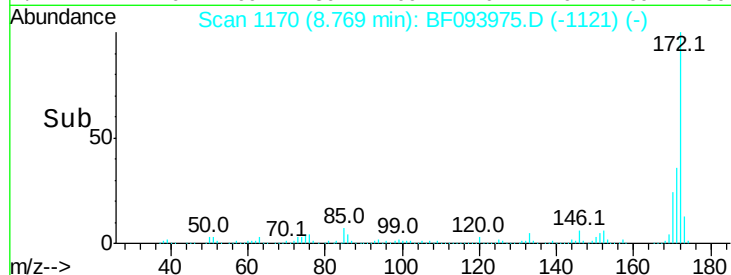
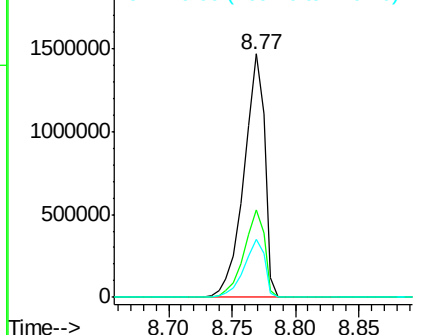
Instrument :
 BNA_F
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 PB97833BL

Tot Ion:172 Resp: 1666363

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8



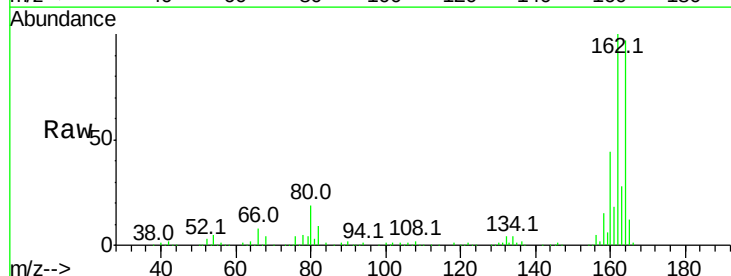
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



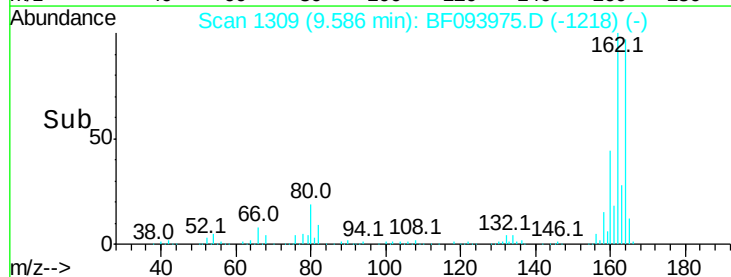
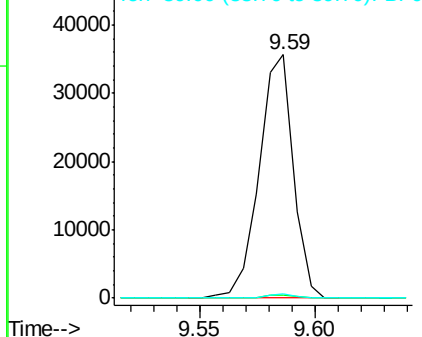
#50
 2,6-Dinitrotoluene
 Concen: 7.63 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. 0.24 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

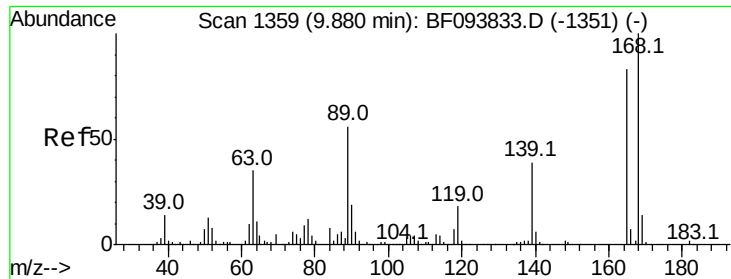
Tgt Ion:165 Resp: 36639

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.8	37.1	55.7#



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

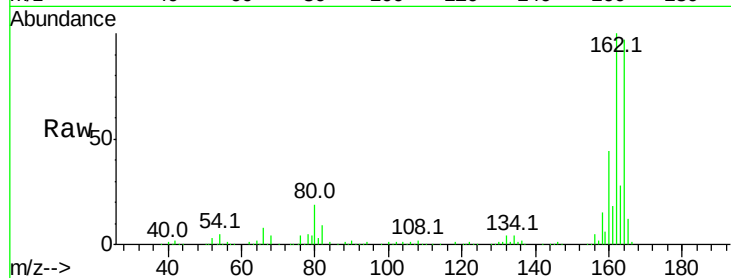




#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.26 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BL

Tot Ion:	165	Resp:	36638
Ion Ratio	Lower	Upper	
165	100		
63	1.1	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

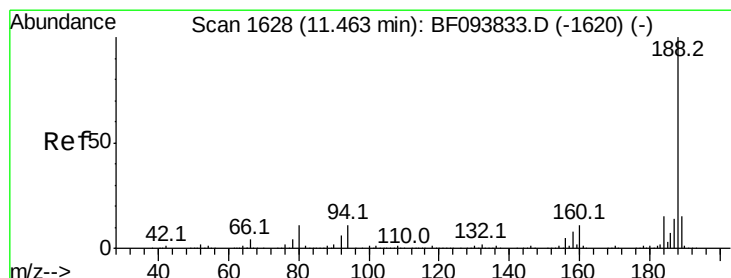
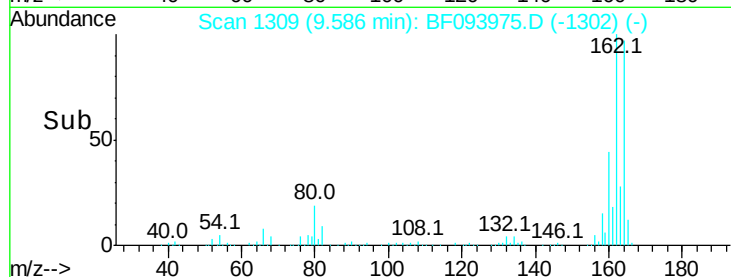
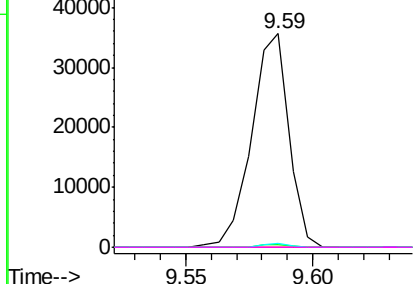


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

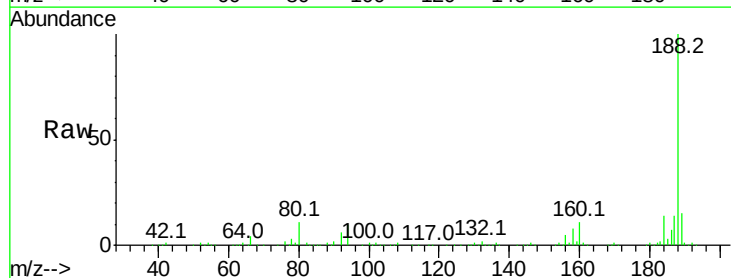
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

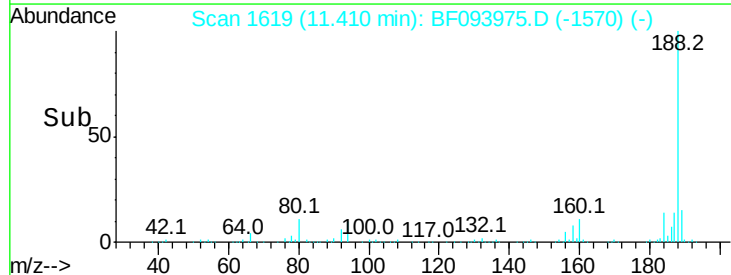
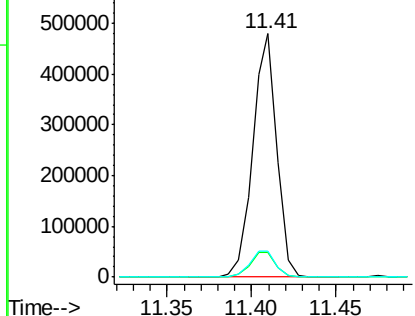
Tgt Ion:	188	Resp:	474899
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	10.9	10.2	15.2

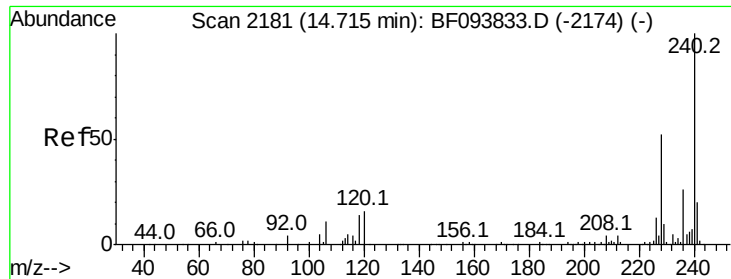


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

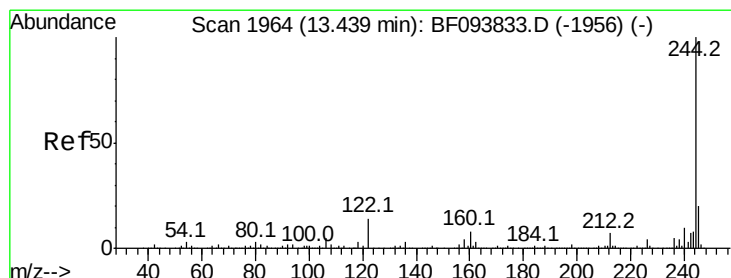
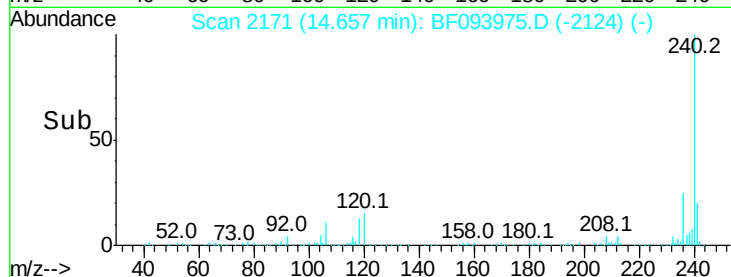
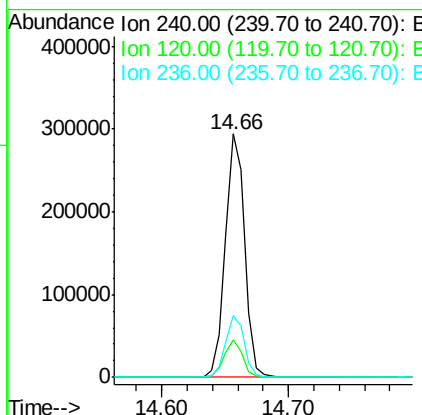
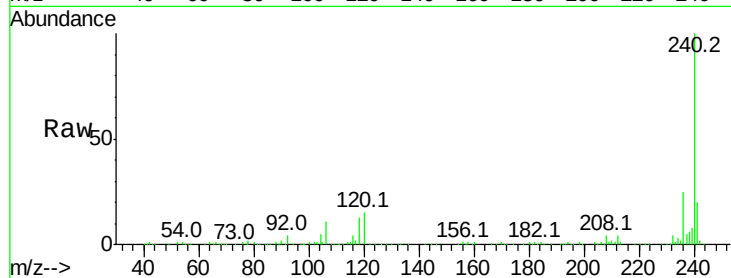




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

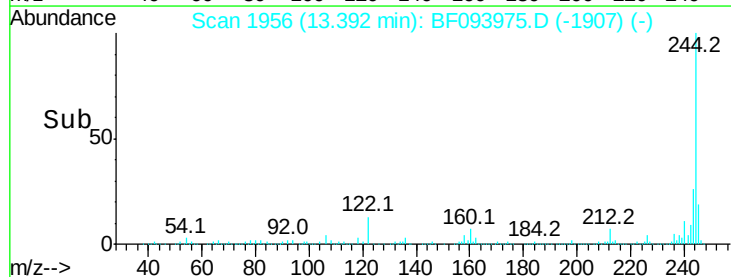
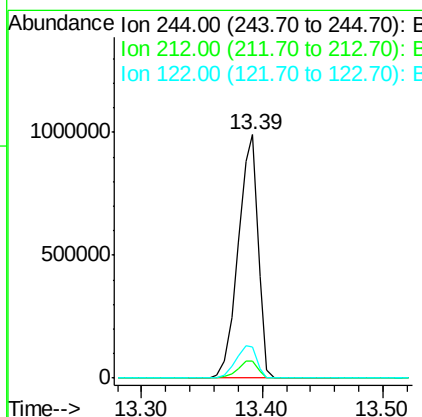
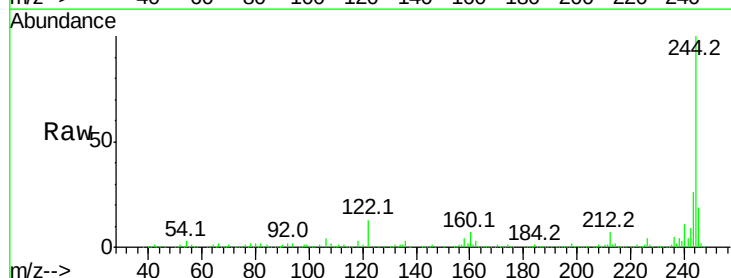
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BL

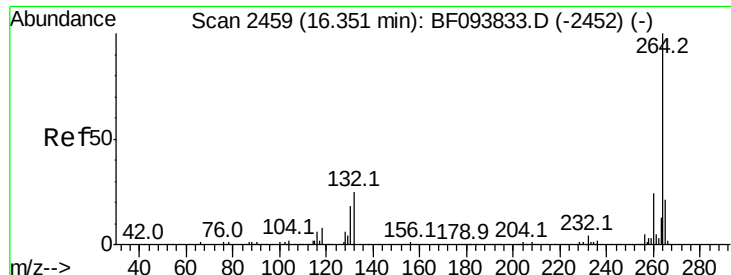
Tot Ion:240 Resp: 308972
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 25.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 82.29 ng
 RT: 13.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

Tgt Ion:244 Resp: 1134314
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.1 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2449
 Delta R.T. -0.02 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.3	17.2	25.8

