

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093953.D
 Acq On : 27 Mar 2017 20:28
 Operator : SJ/MA
 Sample : I2378-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 28 00:28:16 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

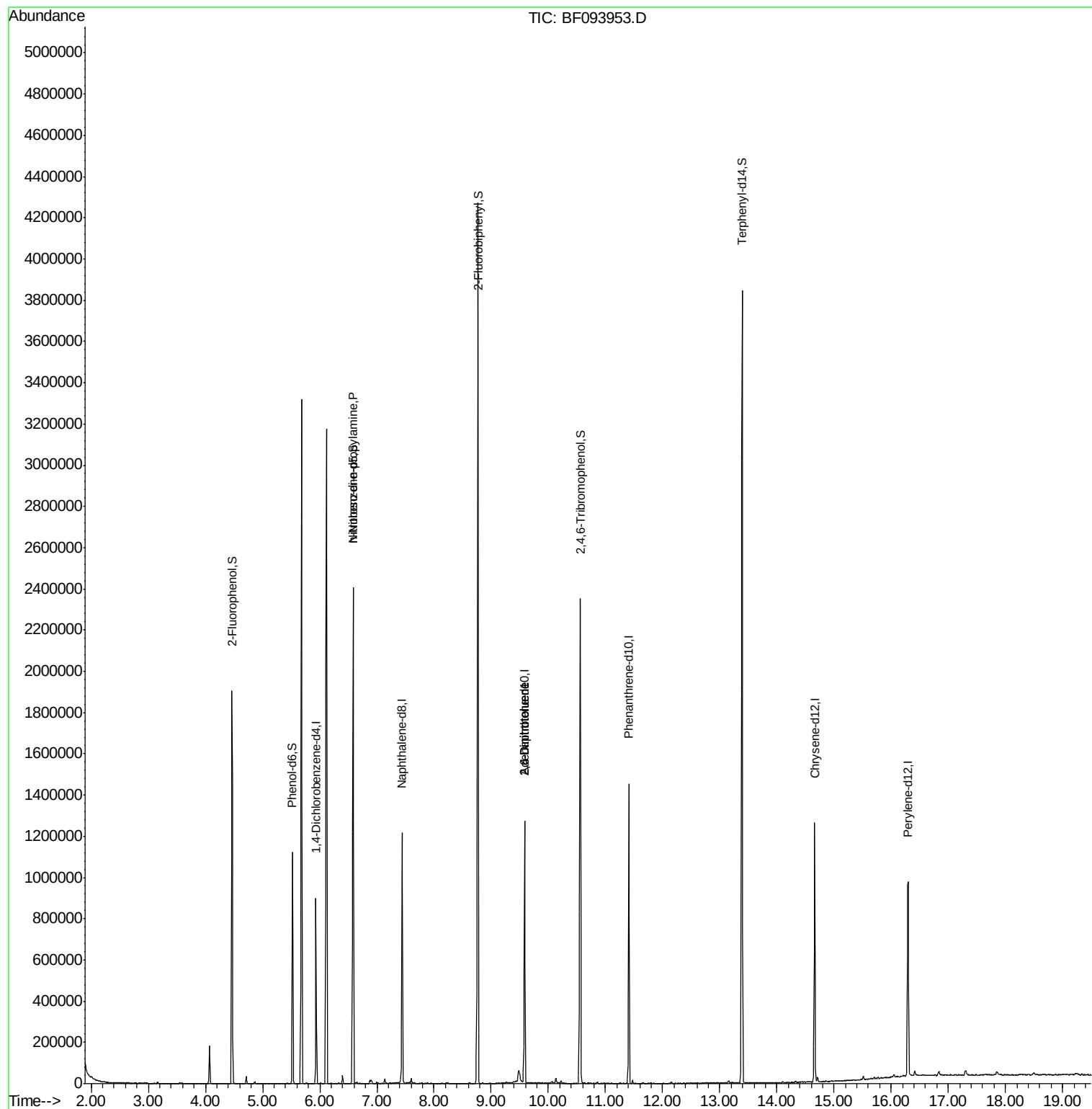
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	155913	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	633429	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	297220	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	553949	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	500071	20.00	ng	-0.02
86) Perylene-d12	16.30	264	418098	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	542072	58.72	ng	-0.01
7) Phenol-d6	5.52	99	404830	35.45	ng	-0.03
23) Nitrobenzene-d5	6.59	82	972408	87.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	355713	151.45	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1752868	89.95	ng	-0.01
78) Terphenyl-d14	13.39	244	1611763	72.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	129919	17.70	ng	# 78
50) 2,6-Dinitrotoluene	9.59	165	37169	7.67	ng	# 34
56) 2,4-Dinitrotoluene	9.59	165	37169	6.11	ng	# 34

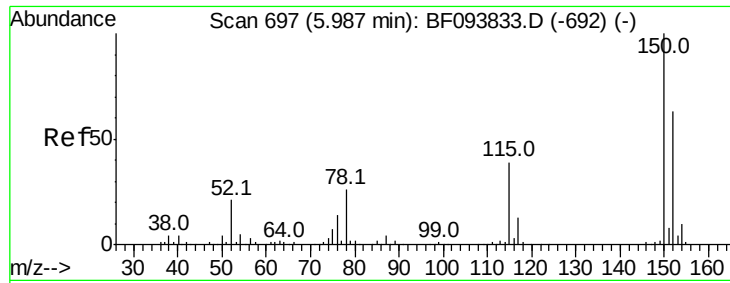
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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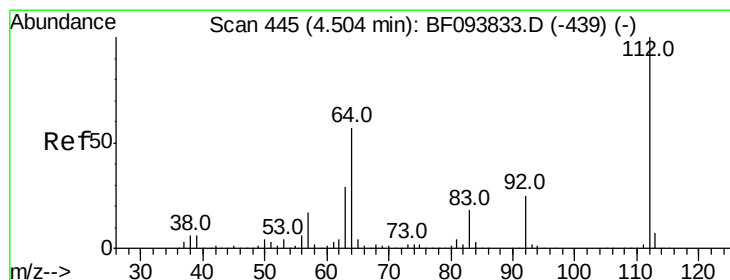
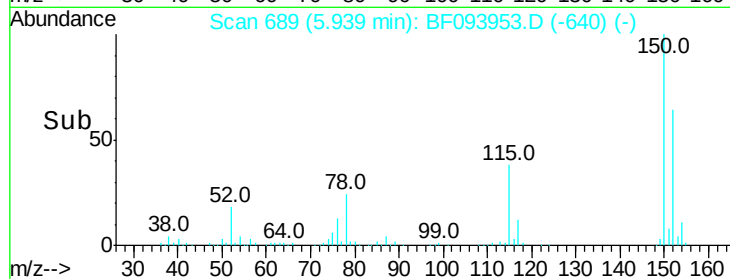
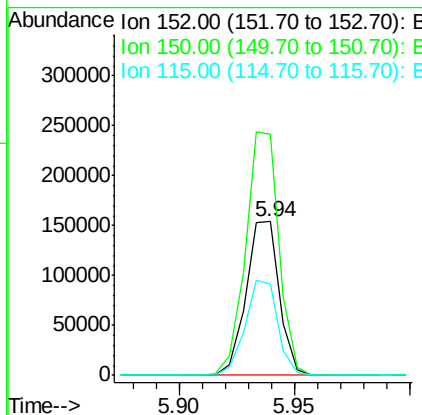
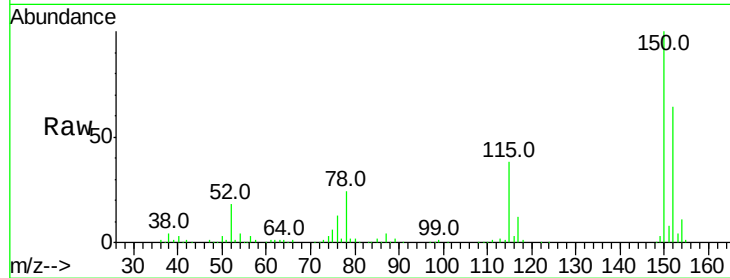


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093953.D
Acq: 27 Mar 2017 20:28

Instrument :
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ClientSampleId :
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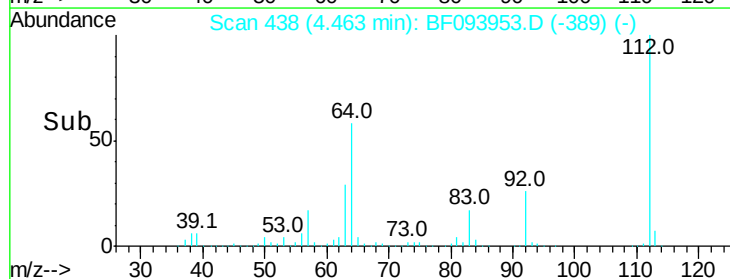
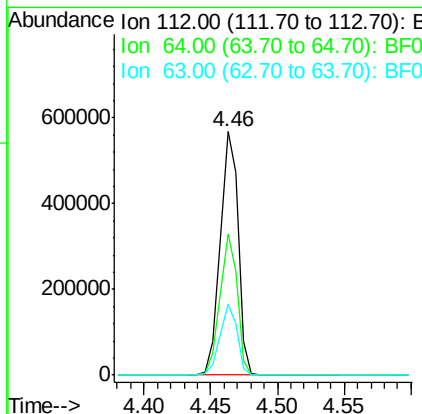
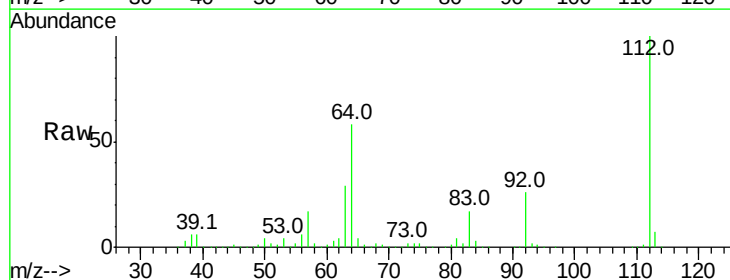
Tot Ion:152 Resp: 155913
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 59.3 52.2 78.2

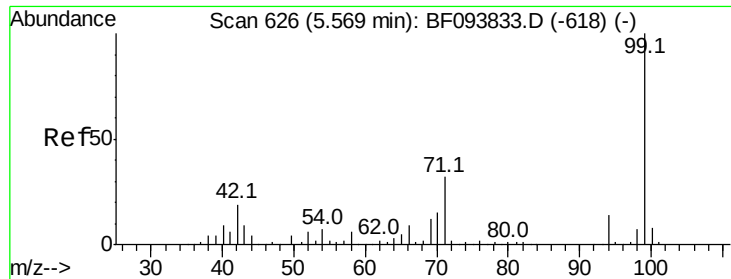


#5

2-Fluorophenol
Concen: 58.72 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093953.D
Acq: 27 Mar 2017 20:28

Tgt Ion:112 Resp: 542072
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 29.1 23.4 35.0





#7

Phenol-d6

Concen: 35.45 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

Instrument :

BNA_F

ClientSampleId :

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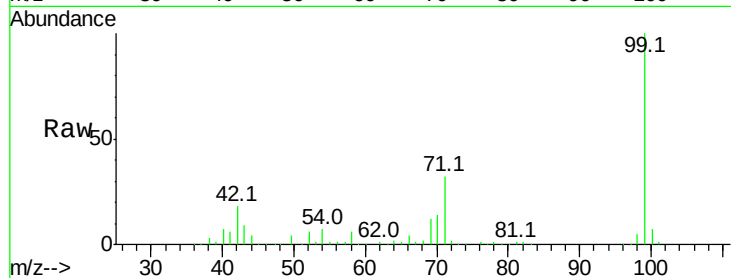
Tot Ion: 99 Resp: 404830

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

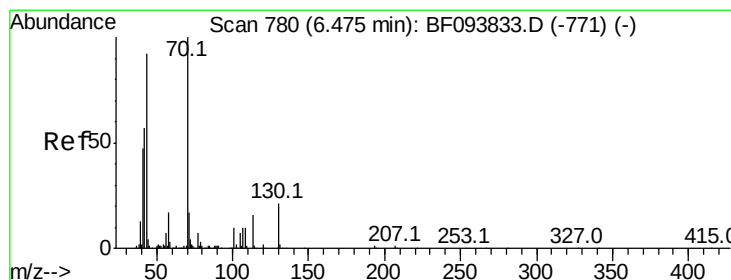
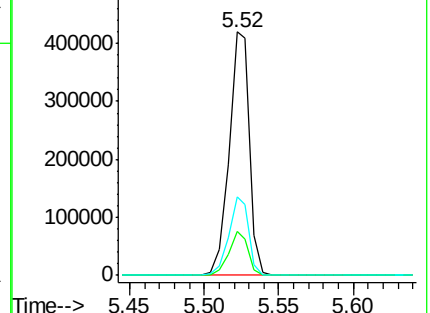
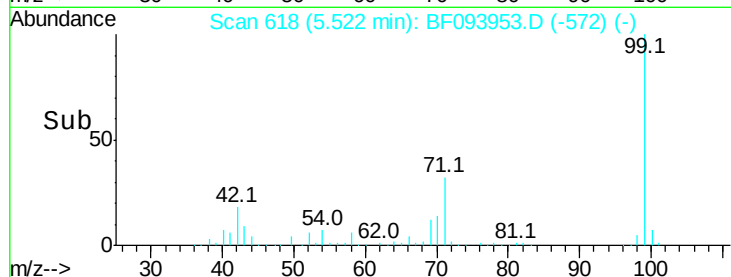
71 32.4 24.5 36.7



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: 17.70 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

Tgt Ion: 70 Resp: 129919

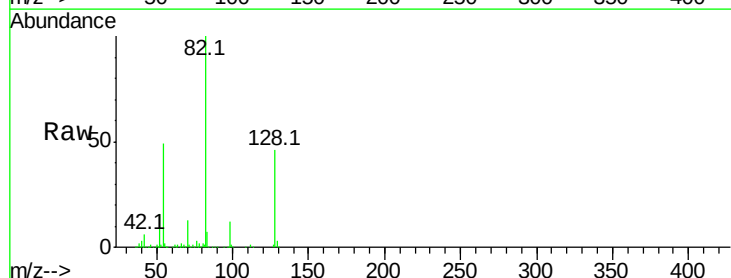
Ion Ratio Lower Upper

70 100

42 47.5 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

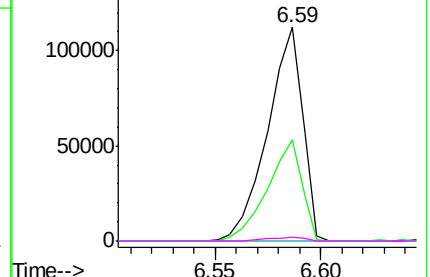
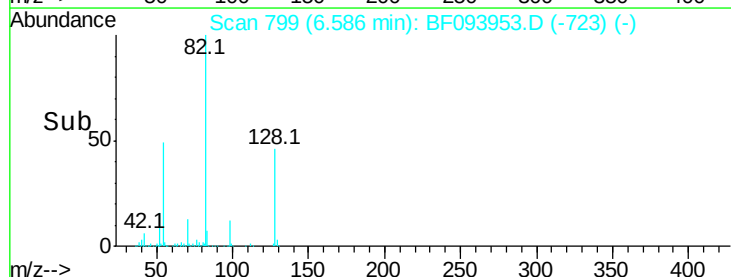


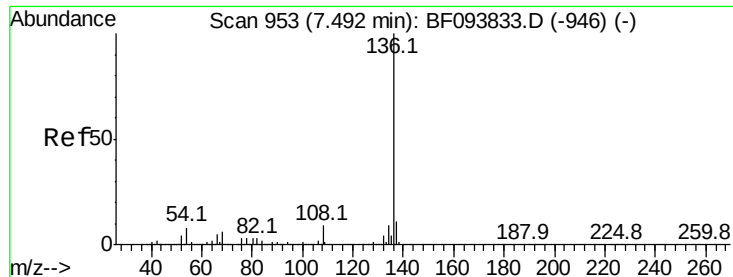
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF093953.D

Acq: 27 Mar 2017 20:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

Tot Ion:136 Resp: 633429

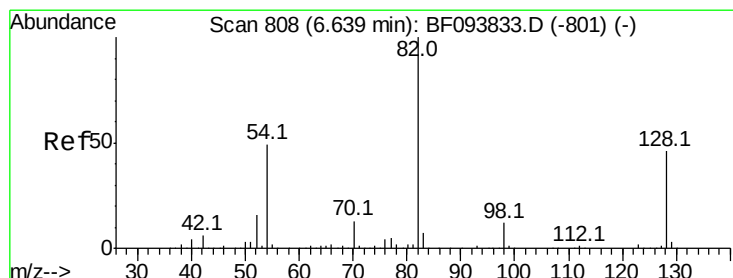
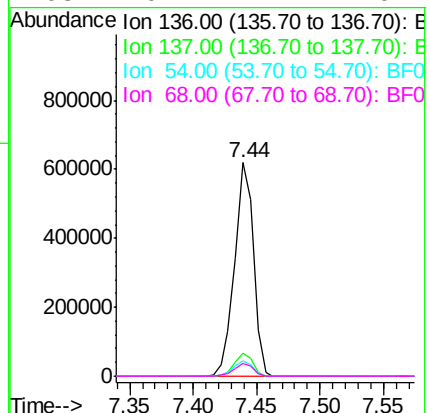
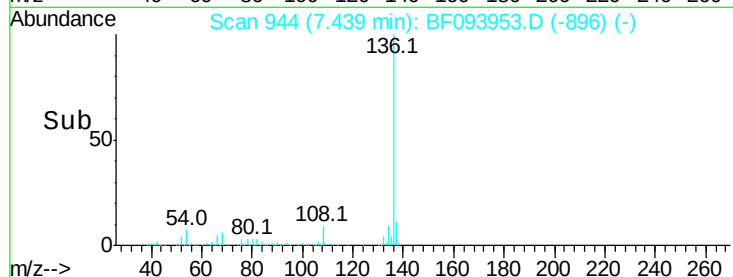
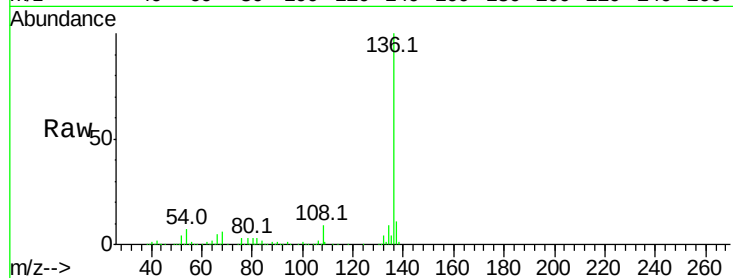
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 6.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 87.61 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

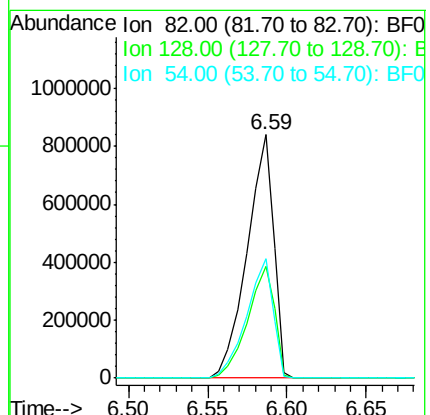
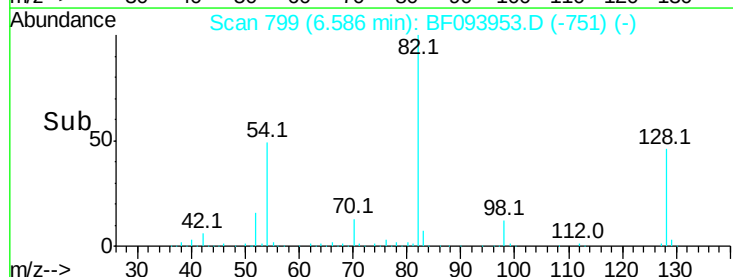
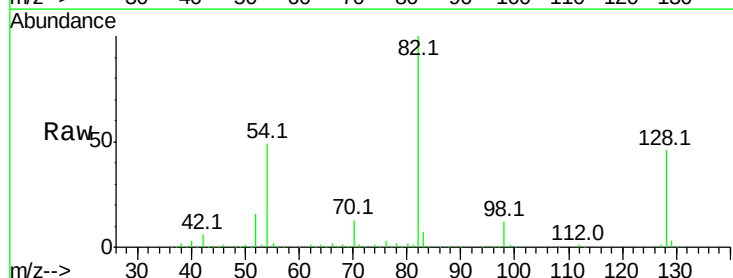
Tgt Ion: 82 Resp: 972408

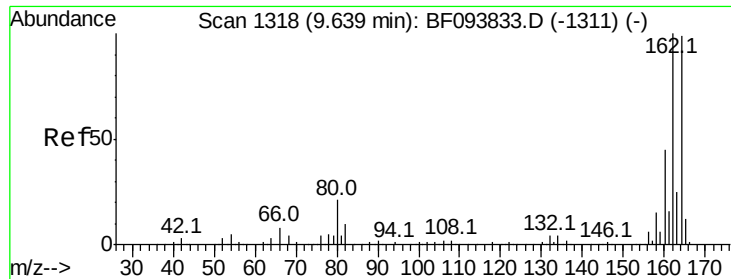
Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

54 49.0 42.2 63.2

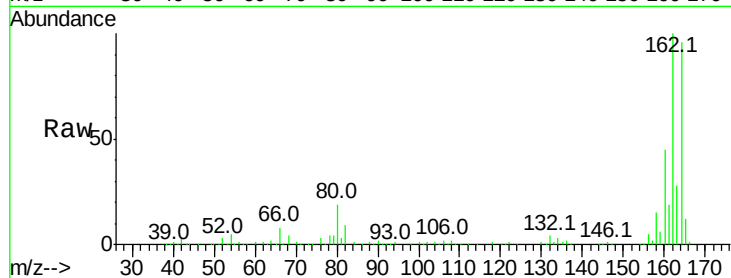




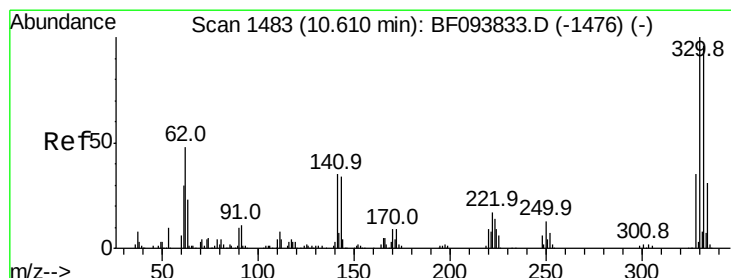
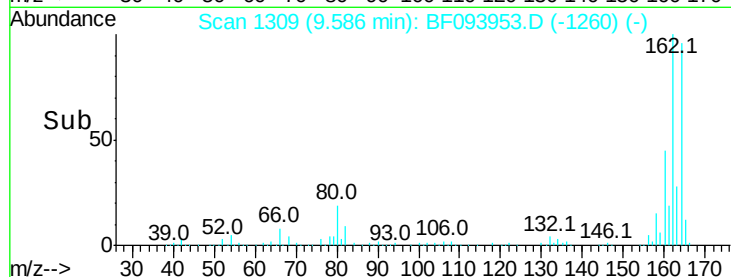
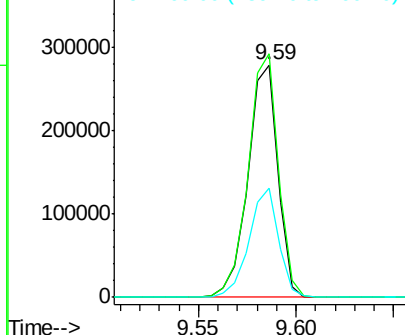
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:164 Resp: 297220
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 46.9 36.2 54.2

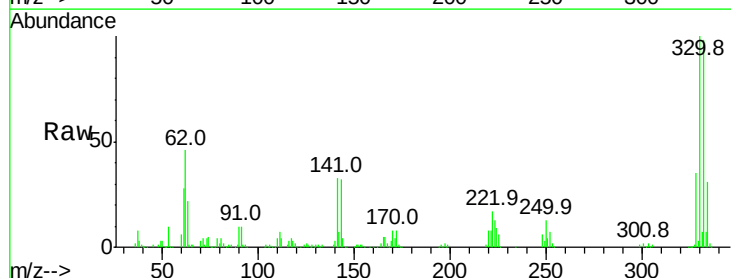


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

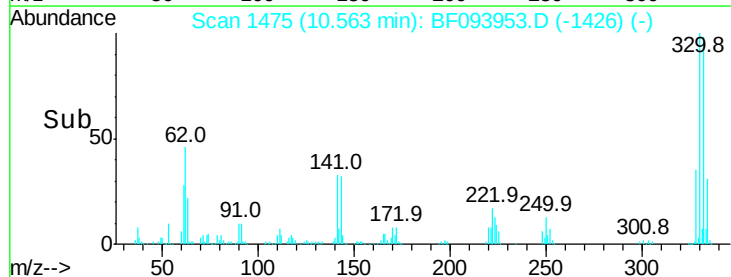
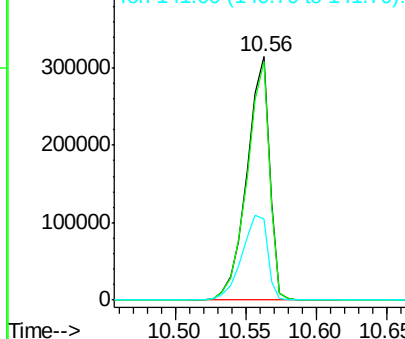


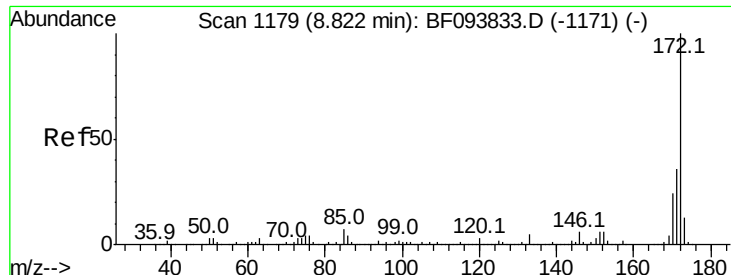
#41
 2,4,6-Tribromophenol
 Concen: 151.45 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

Tgt Ion:330 Resp: 355713
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.0 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



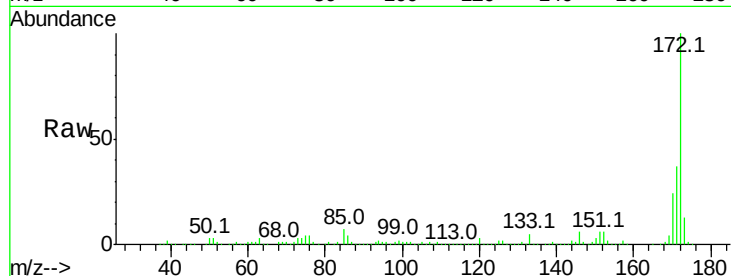


#44
 2-Fluorobiphenyl
 Concen: 89.95 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

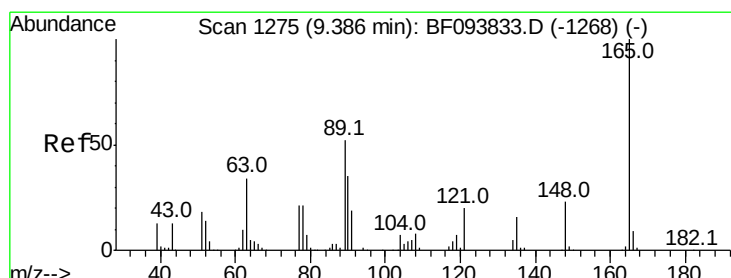
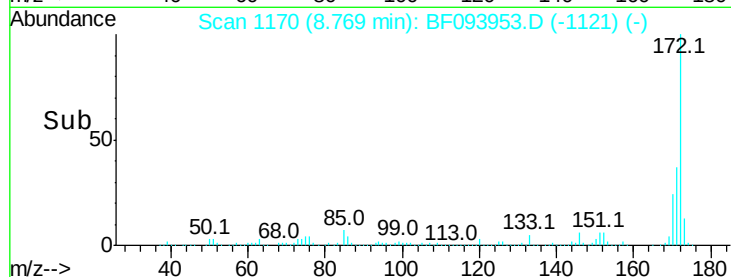
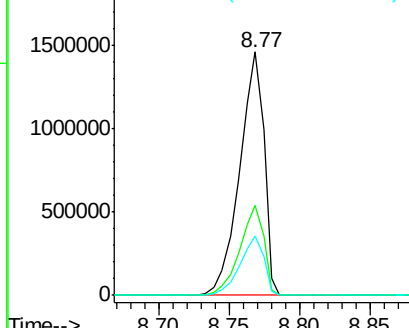
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1752868

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	19.8	29.8



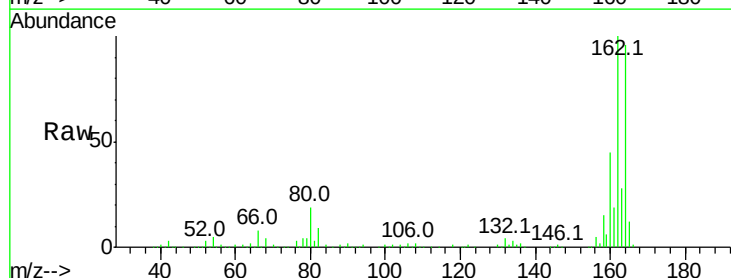
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



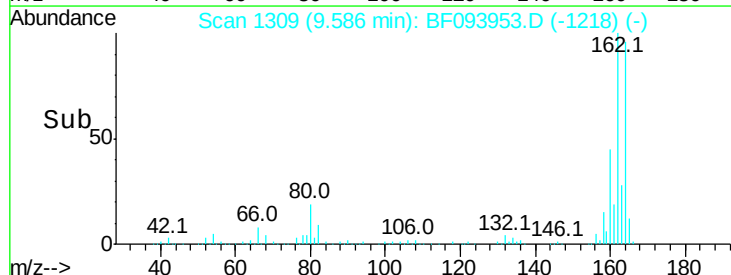
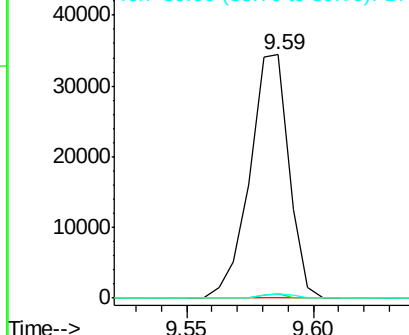
#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. 0.24 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

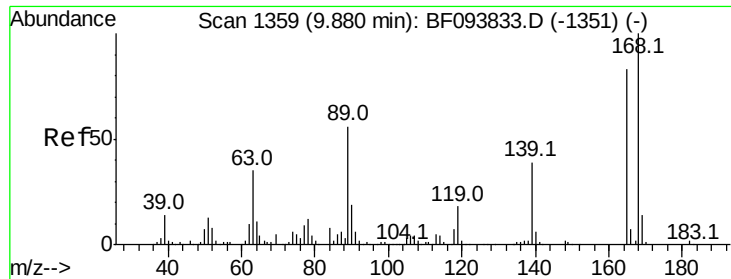
Tgt Ion:165 Resp: 37169

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.0	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

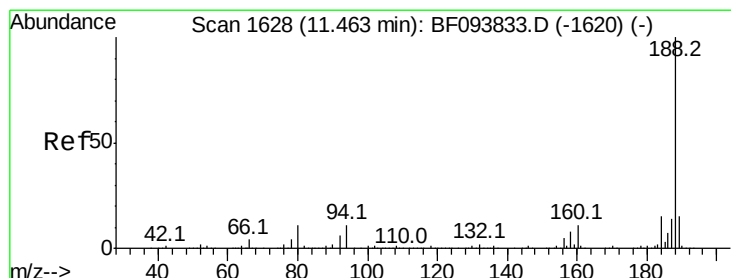
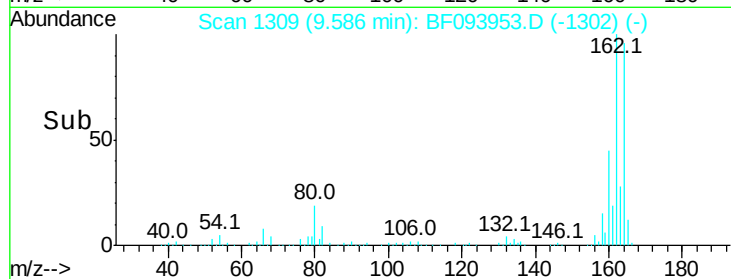
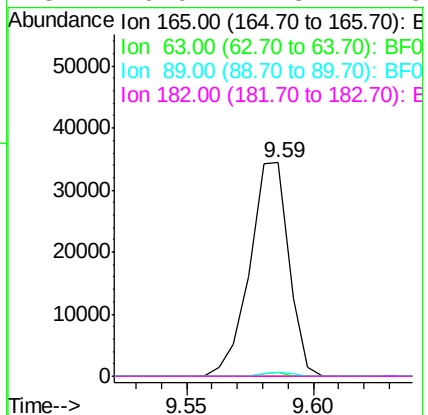
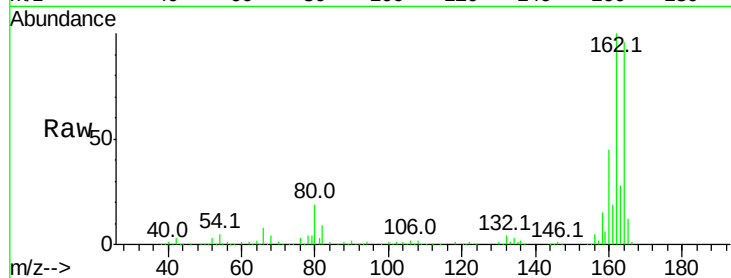




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.26 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

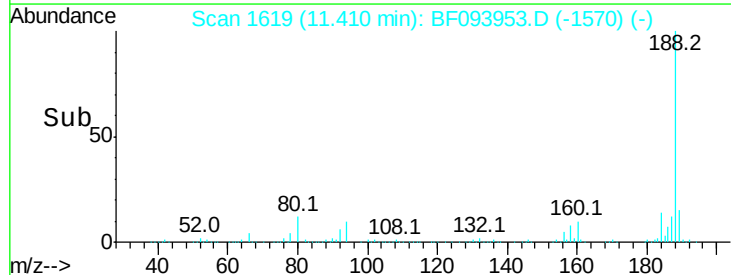
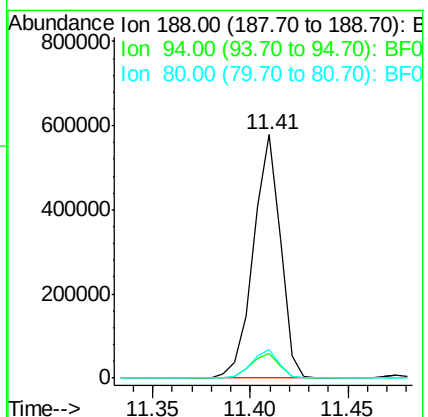
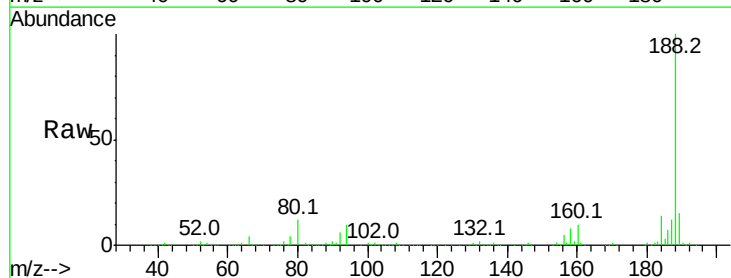
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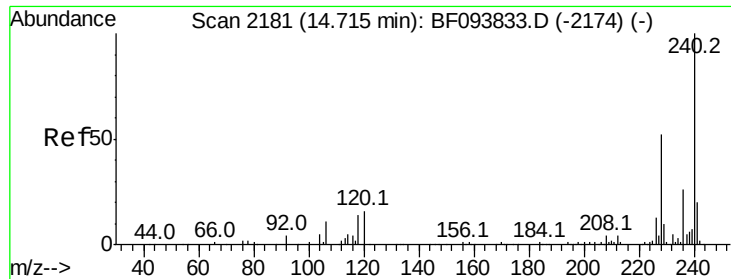
Tot Ion:165 Resp: 37169
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 2.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

Tgt Ion:188 Resp: 553949
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.7 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

Instrument :

BNA_F

ClientSampleId :

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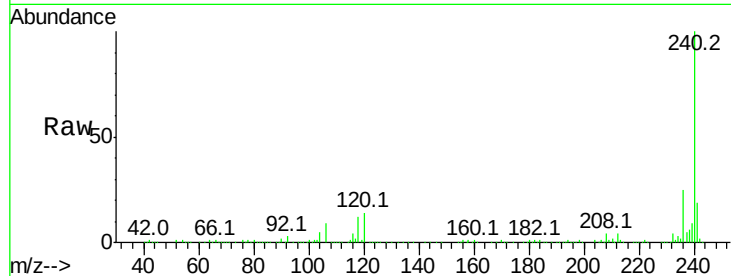
Tot Ion:240 Resp: 500071

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

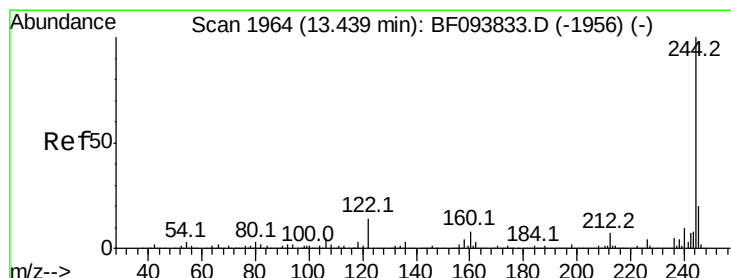
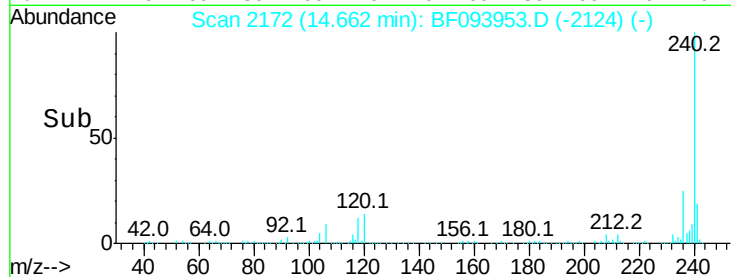
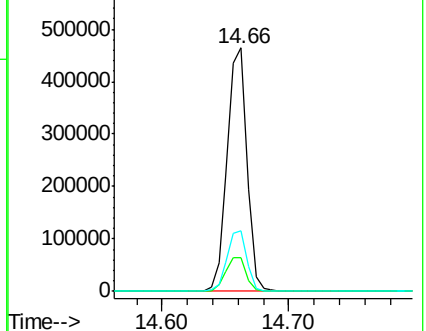
236 25.0 20.5 30.7



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: 72.24 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

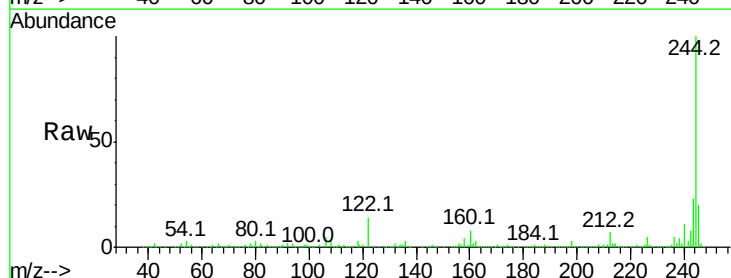
Tgt Ion:244 Resp: 1611763

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

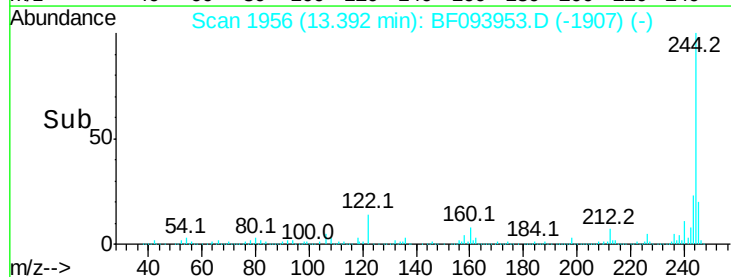
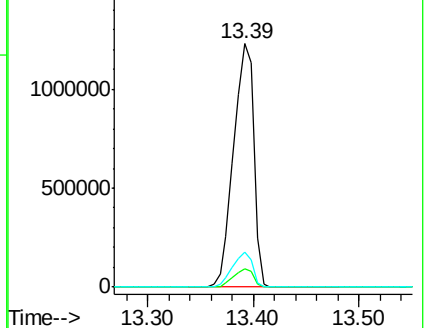
122 14.2 10.3 15.5

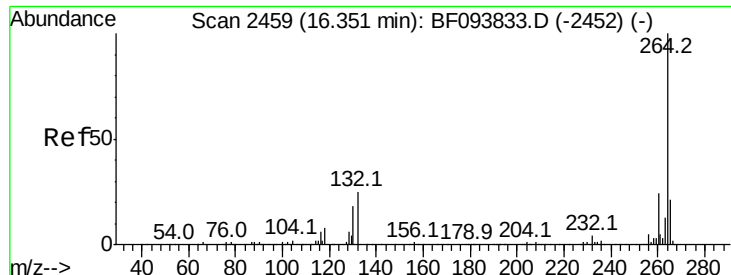


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

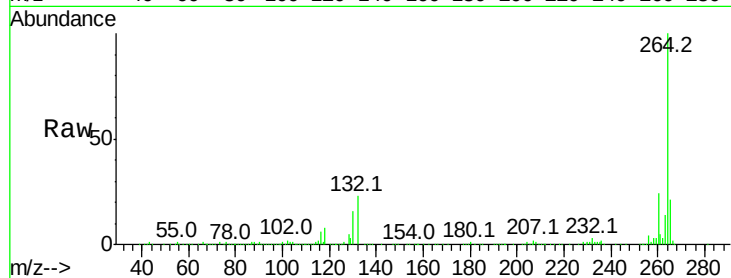




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	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

