

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093946.D
 Acq On : 27 Mar 2017 16:22
 Operator : SJ/MA
 Sample : I2379-02 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: Mar 27 17:24:53 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

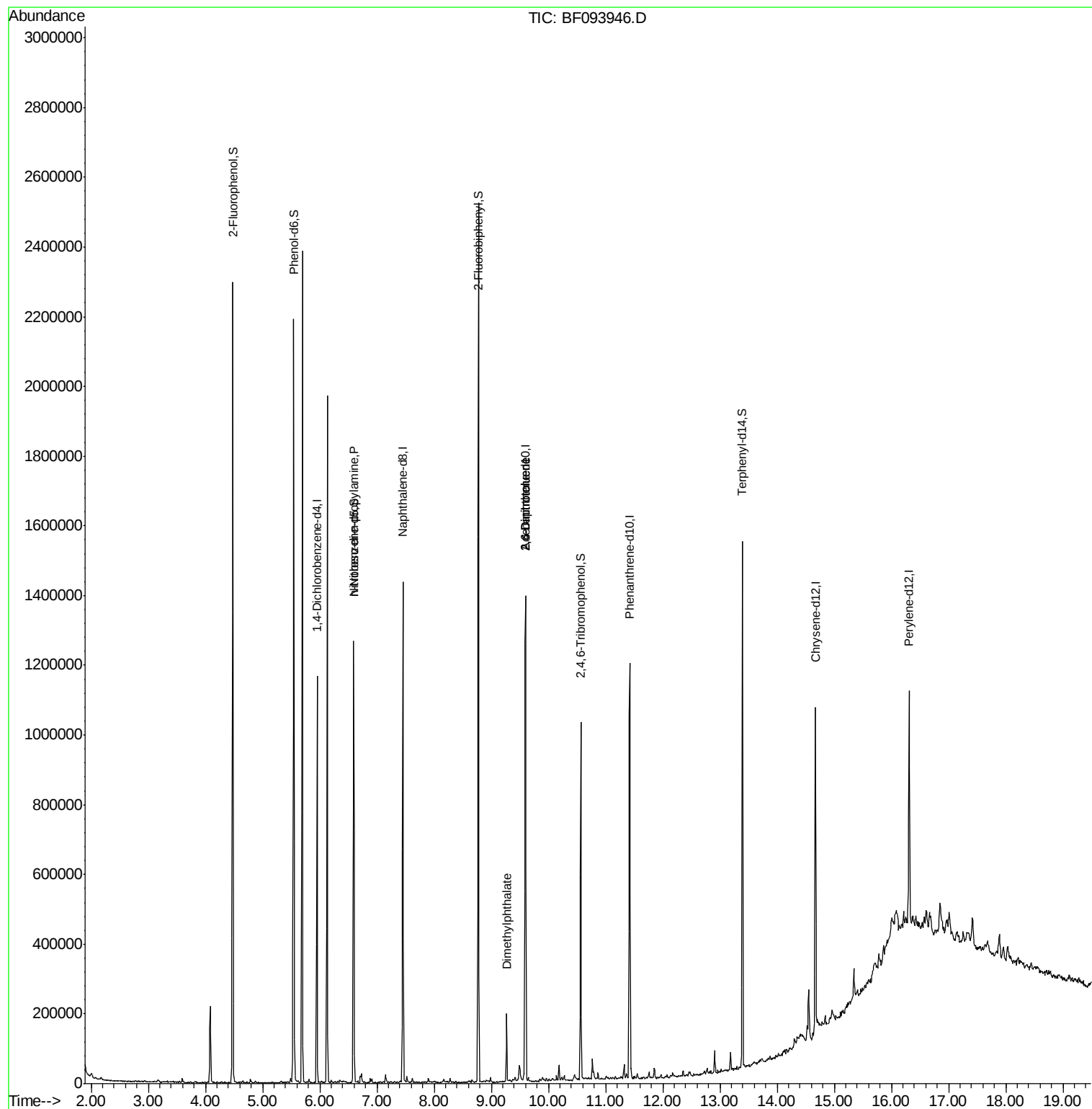
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.95	152	194001	20.00	ng	0.00
21) Naphthalene-d8	7.45	136	746129	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	307731	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	461543	20.00	ng	0.00
75) Chrysene-d12	14.67	240	362250	20.00	ng	-0.01
86) Perylene-d12	16.31	264	285091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	644704	56.13	ng	0.00
7) Phenol-d6	5.55	99	778678	54.80	ng	0.00
23) Nitrobenzene-d5	6.59	82	403403	30.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	113078	46.50	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	846982	41.98	ng	0.00
78) Terphenyl-d14	13.39	244	500299	30.96	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	53218	5.83	ng	# 80
49) Dimethylphthalate	9.27	163	78029	3.57	ng	99
50) 2,6-Dinitrotoluene	9.60	165	39793	7.94	ng	# 34
56) 2,4-Dinitrotoluene	9.60	165	39793	6.32	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: 5.95 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF093946.D

Acq: 27 Mar 2017 16:22

Instrument :

BNA_F

ClientSampled :

B-2

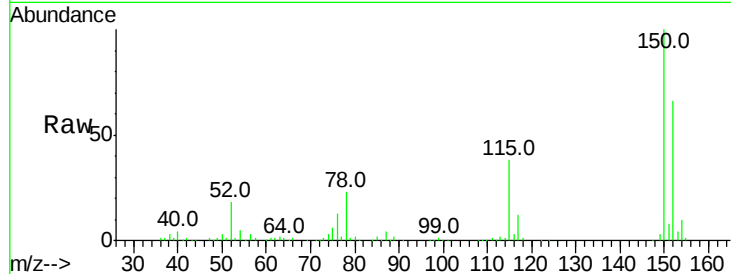
Tot Ion:152 Resp: 194001

Ion Ratio Lower Upper

152 100

150 152.5 126.2 189.2

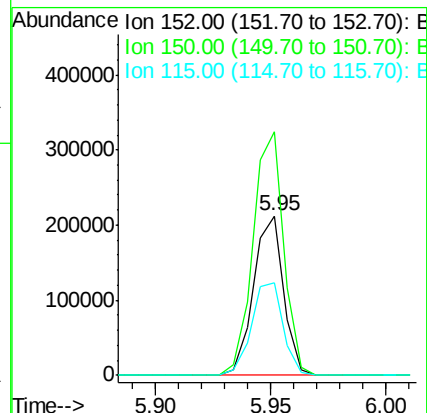
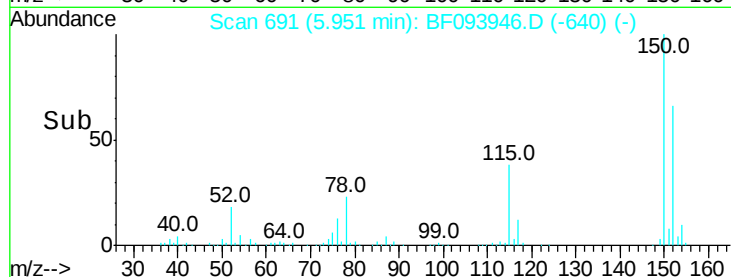
115 57.7 52.2 78.2



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: 56.13 ng

RT: 4.47 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF093946.D

Acq: 27 Mar 2017 16:22

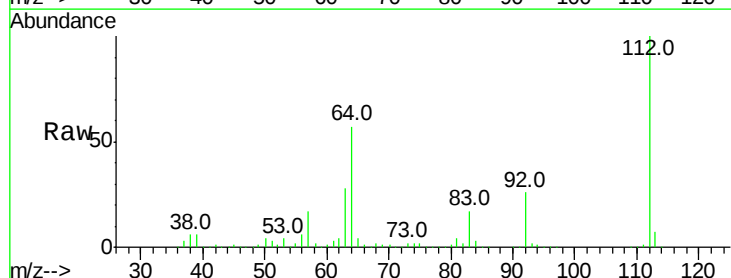
Tgt Ion:112 Resp: 644704

Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

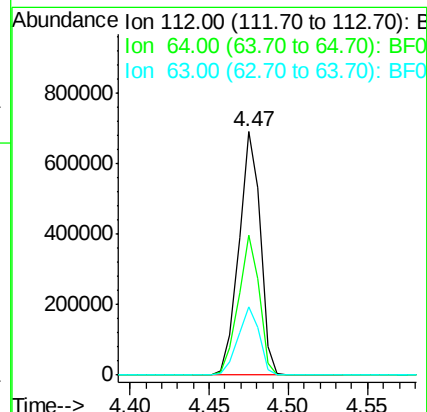
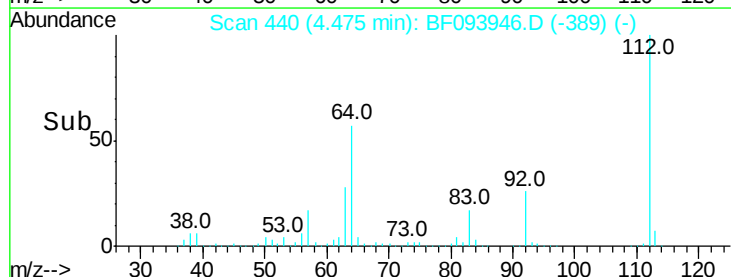
63 28.3 23.4 35.0

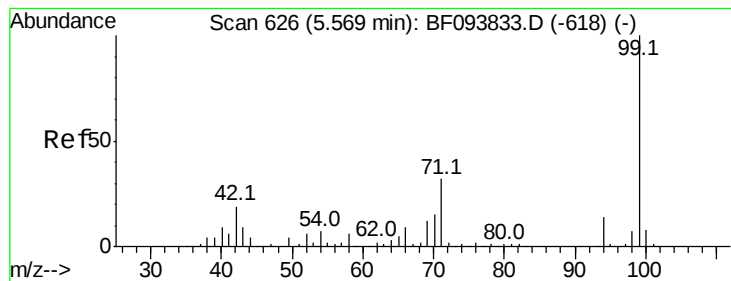


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 54.80 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF093946.D

Acq: 27 Mar 2017 16:22

Instrument :

BNA_F

ClientSampled :

B-2

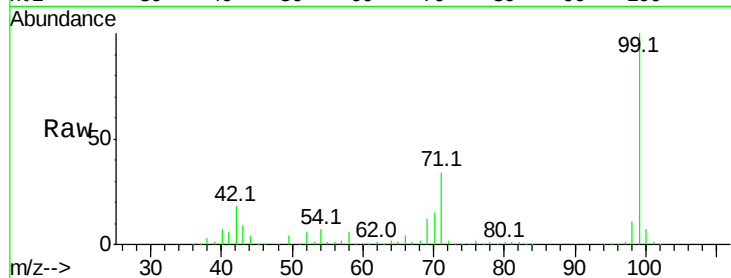
Tot Ion: 99 Resp: 778678

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

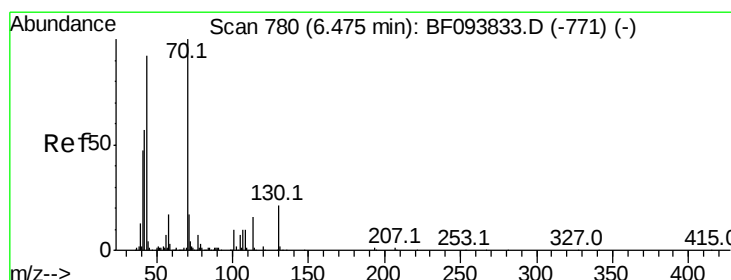
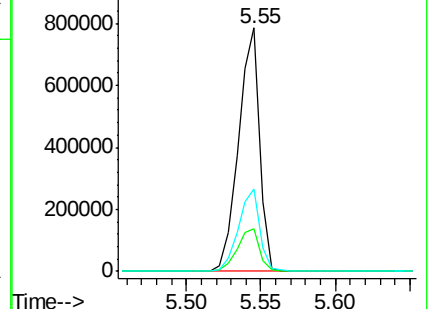
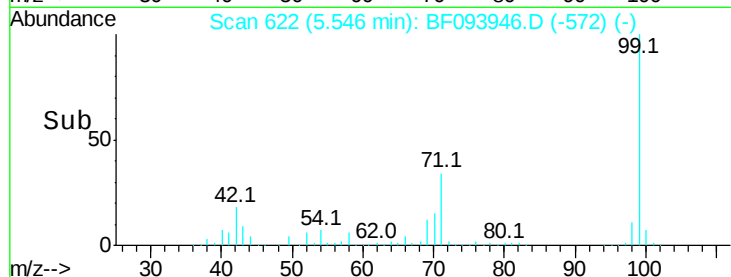
71 33.7 24.5 36.7



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: 5.83 ng

RT: 6.59 min Scan# 800

Delta R.T. 0.15 min

Lab File: BF093946.D

Acq: 27 Mar 2017 16:22

Tgt Ion: 70 Resp: 53218

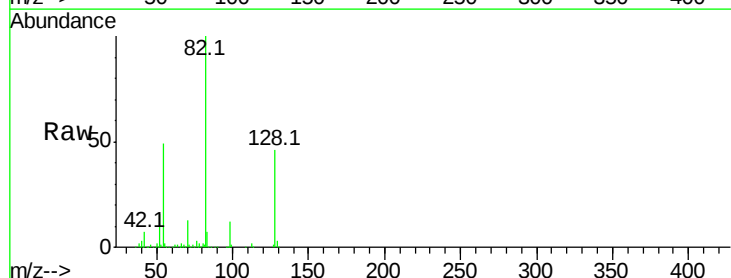
Ion Ratio Lower Upper

70 100

42 49.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

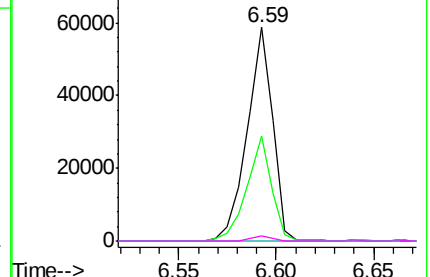
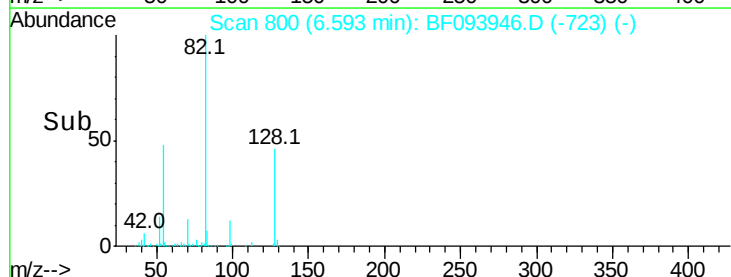


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.45 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF093946.D

Acq: 27 Mar 2017 16:22

Instrument :

BNA_F

ClientSampled :

B-2

Tot Ion:136 Resp: 746129

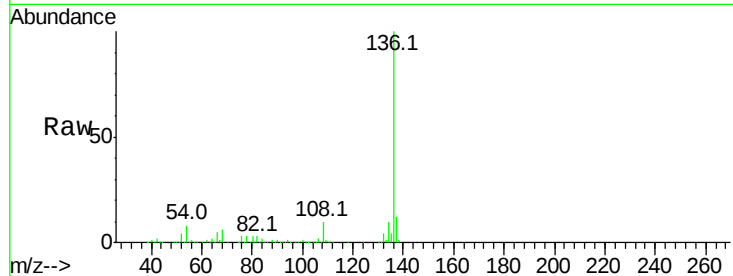
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 8.0 4.9 7.3#

68 6.3 4.1 6.1#

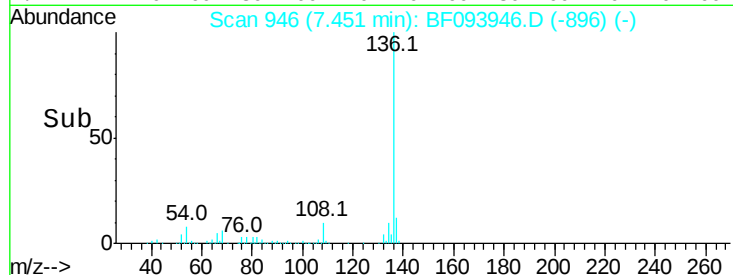


Abundance Ion 136.00 (135.70 to 136.70): E

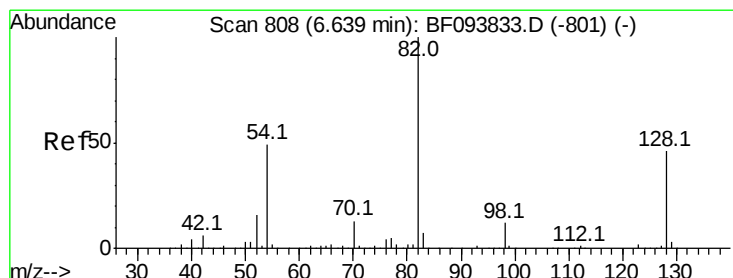
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 30.85 ng

RT: 6.59 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF093946.D

Acq: 27 Mar 2017 16:22

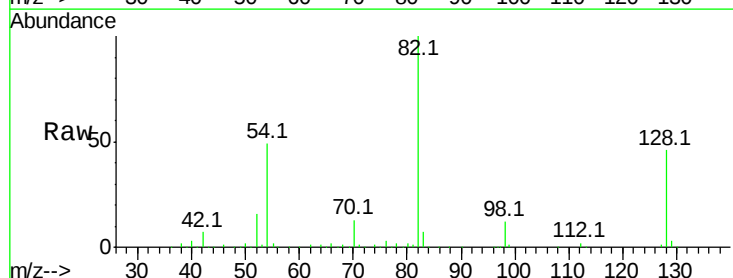
Tgt Ion: 82 Resp: 403403

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

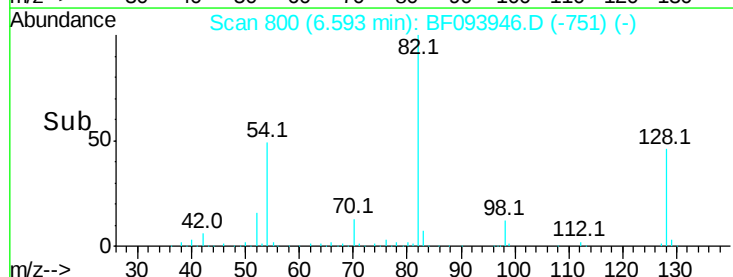
54 48.7 42.2 63.2



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



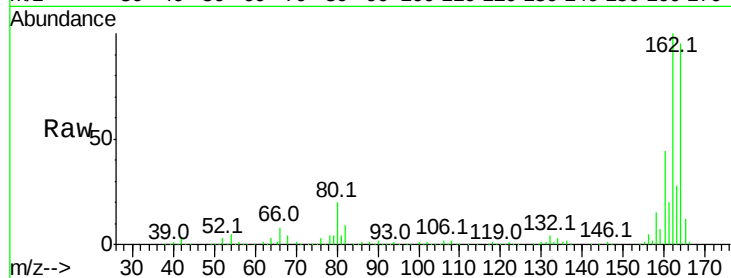
Time-->



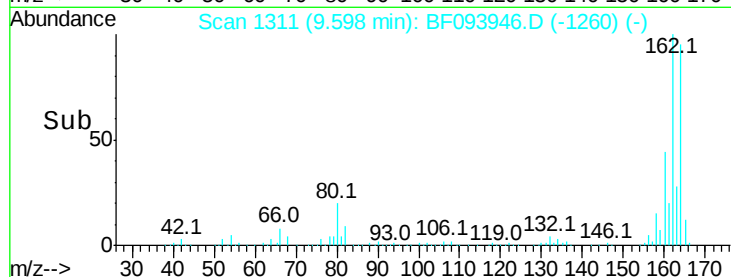
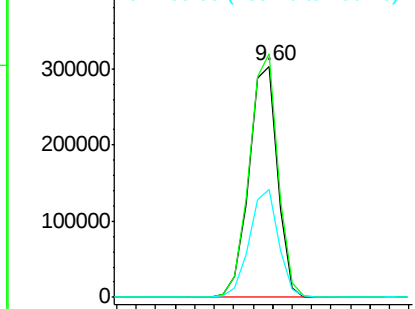
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF093946.D
 Acq: 27 Mar 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Tot Ion:164 Resp: 307731
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 46.7 36.2 54.2

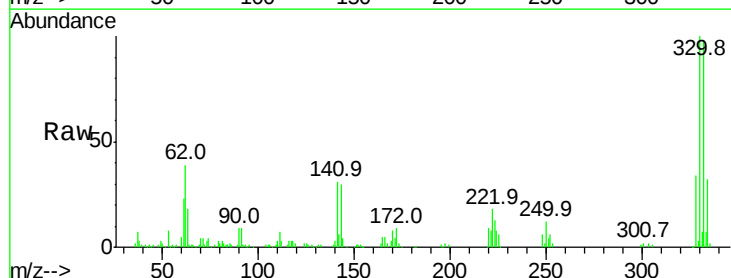


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

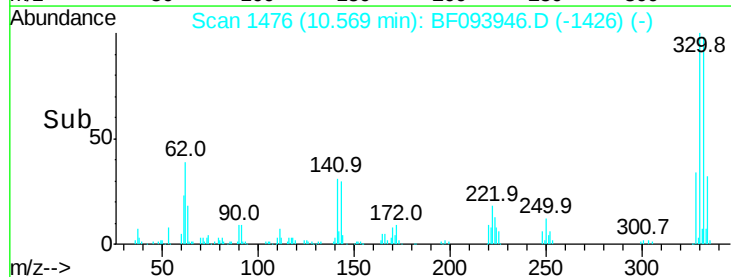
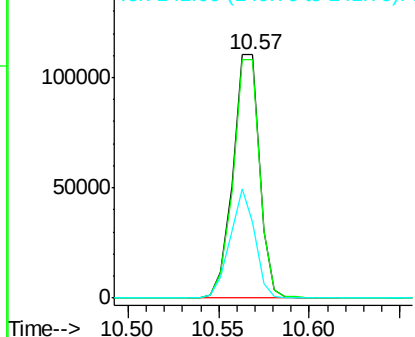


#41
 2,4,6-Tribromophenol
 Concen: 46.50 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093946.D
 Acq: 27 Mar 2017 16:22

Tgt Ion:330 Resp: 113078
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 41.5 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

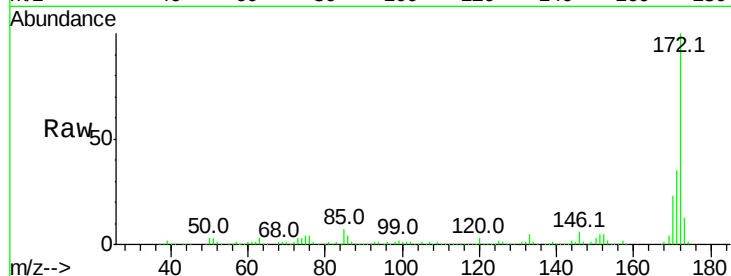




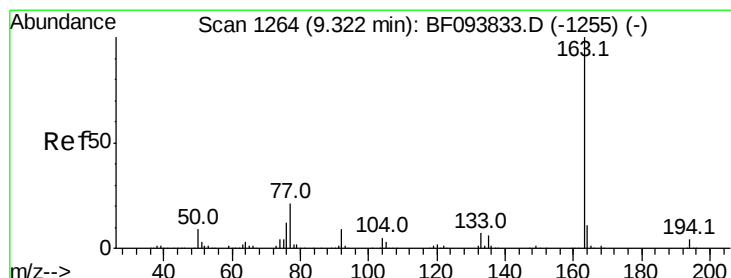
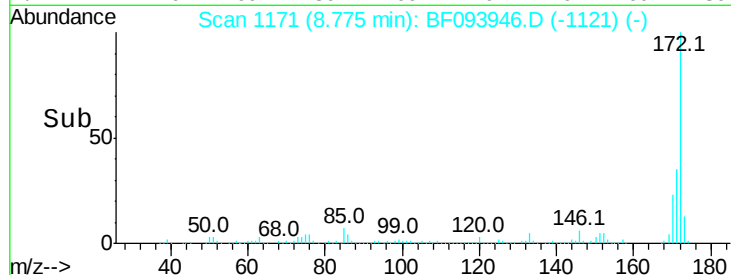
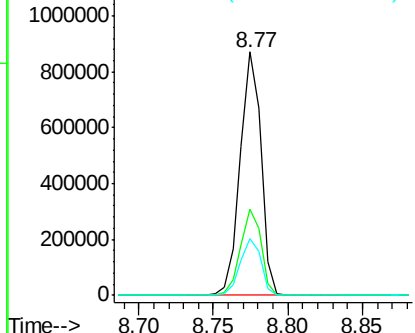
#44
 2-Fluorobiphenyl
 Concen: 41.98 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093946.D
 Acq: 27 Mar 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.5	19.8	29.8

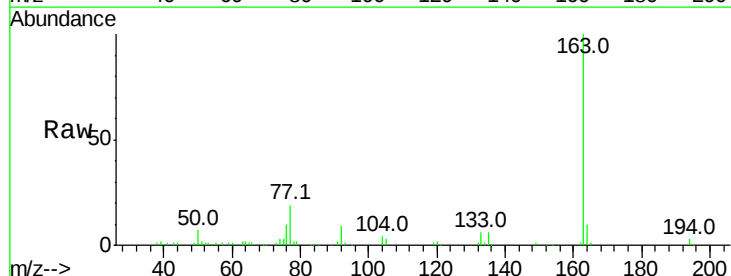


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

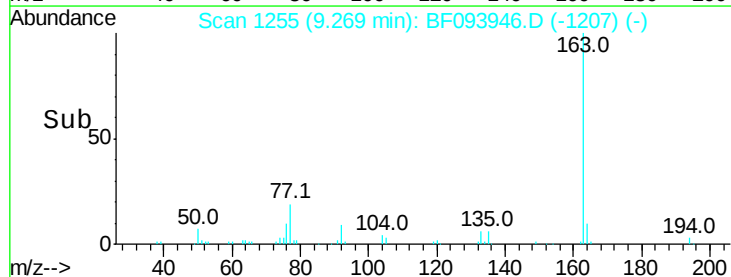
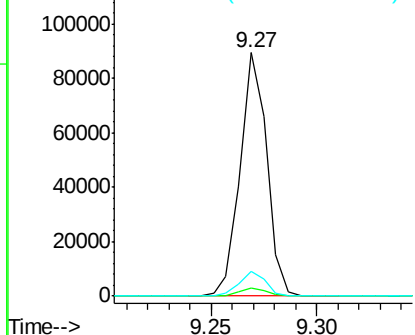


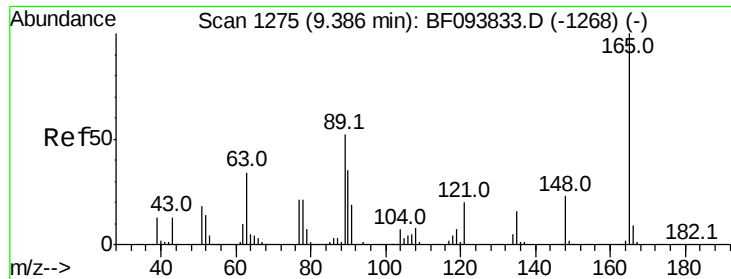
#49
 Dimethylphthalate
 Concen: 3.57 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF093946.D
 Acq: 27 Mar 2017 16:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	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

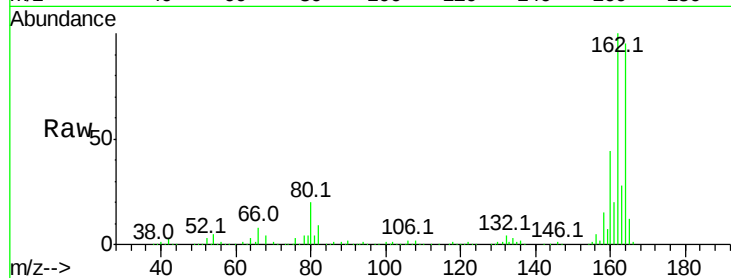




#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. 0.25 min
 Lab File: BF093946.D
 Acq: 27 Mar 2017 16:22

Instrument :
 BNA_F
 ClientSampled :
 B-2

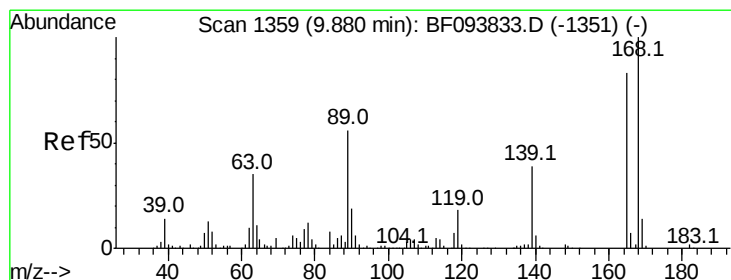
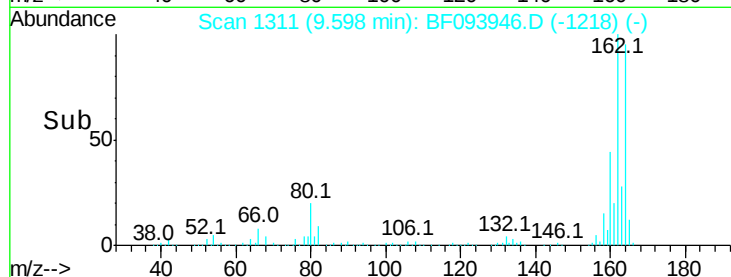
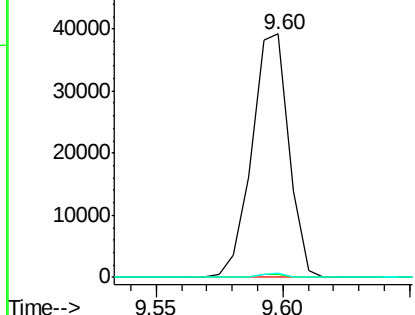
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.7	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

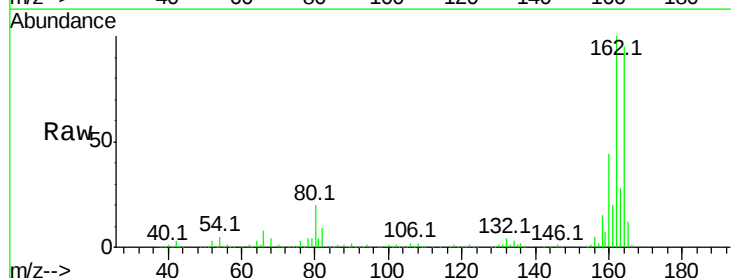
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. -0.25 min
 Lab File: BF093946.D
 Acq: 27 Mar 2017 16:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

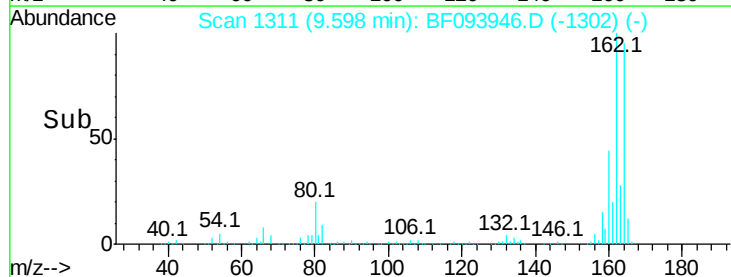
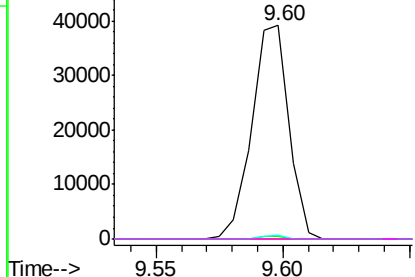


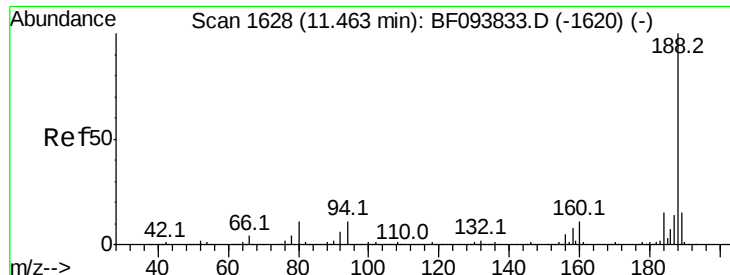
Abundance Ion 165.00 (164.70 to 165.70): E

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

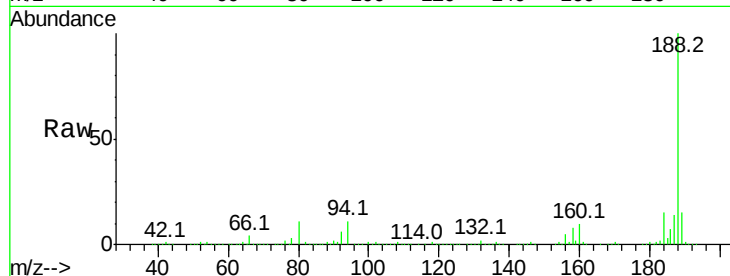




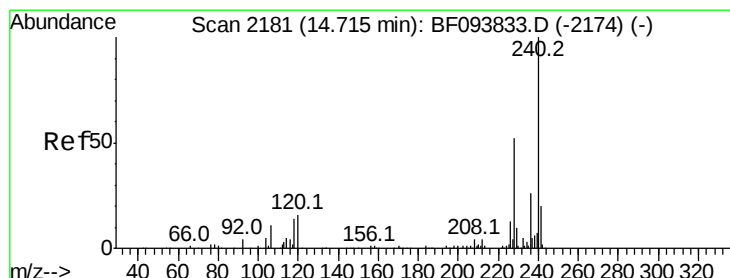
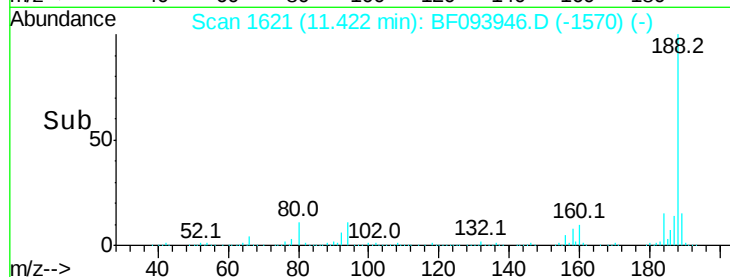
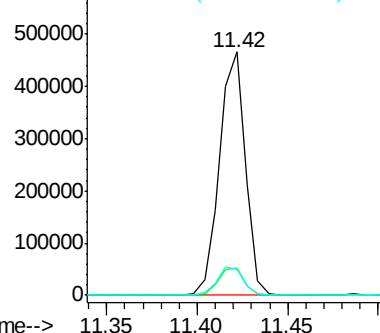
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF093946.D
Acq: 27 Mar 2017 16:22

Instrument :
BNA_F
ClientSampleId :
B-2

Tot Ion:188 Resp: 461543
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 10.6 10.2 15.2

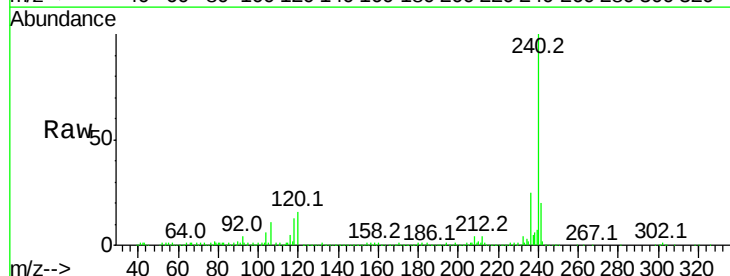


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

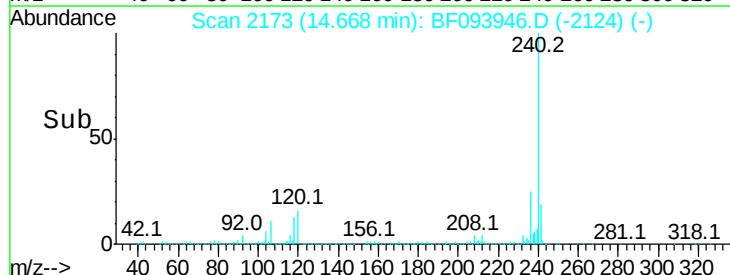
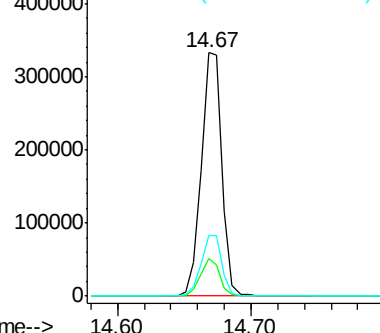


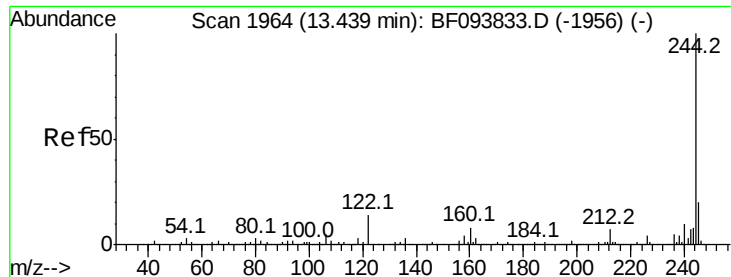
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF093946.D
Acq: 27 Mar 2017 16:22

Tgt Ion:240 Resp: 362250
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 24.9 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

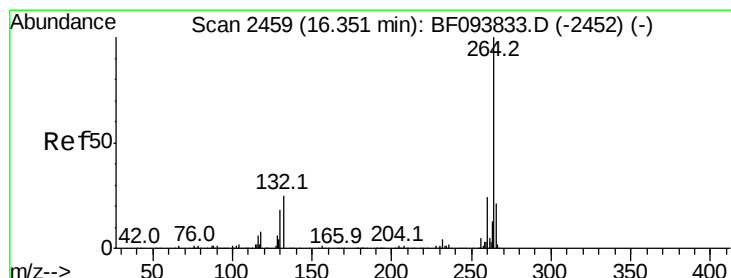
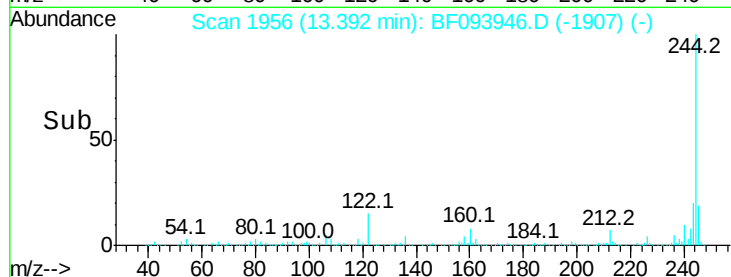
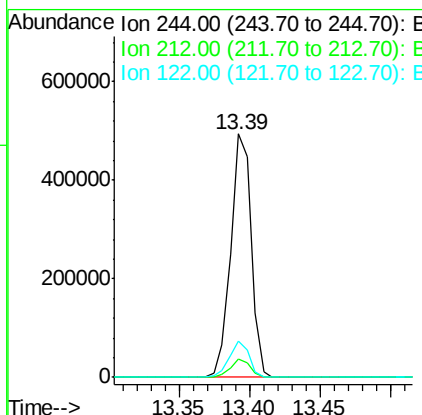
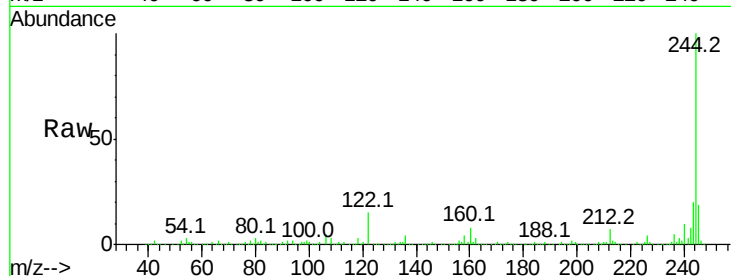




#78
 Terphenyl-d14
 Concen: 30.96 ng
 RT: 13.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF093946.D
 Acq: 27 Mar 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Tot Ion:244 Resp: 500299
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.31 min Scan# 2452
 Delta R.T. 0.00 min
 Lab File: BF093946.D
 Acq: 27 Mar 2017 16:22

Tgt Ion:264 Resp: 285091
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.7 17.2 25.8

