

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094295.D
 Acq On : 8 Apr 2017 3:00
 Operator : SJ/MA
 Sample : I2589-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

Quant Time: Apr 08 04:52:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

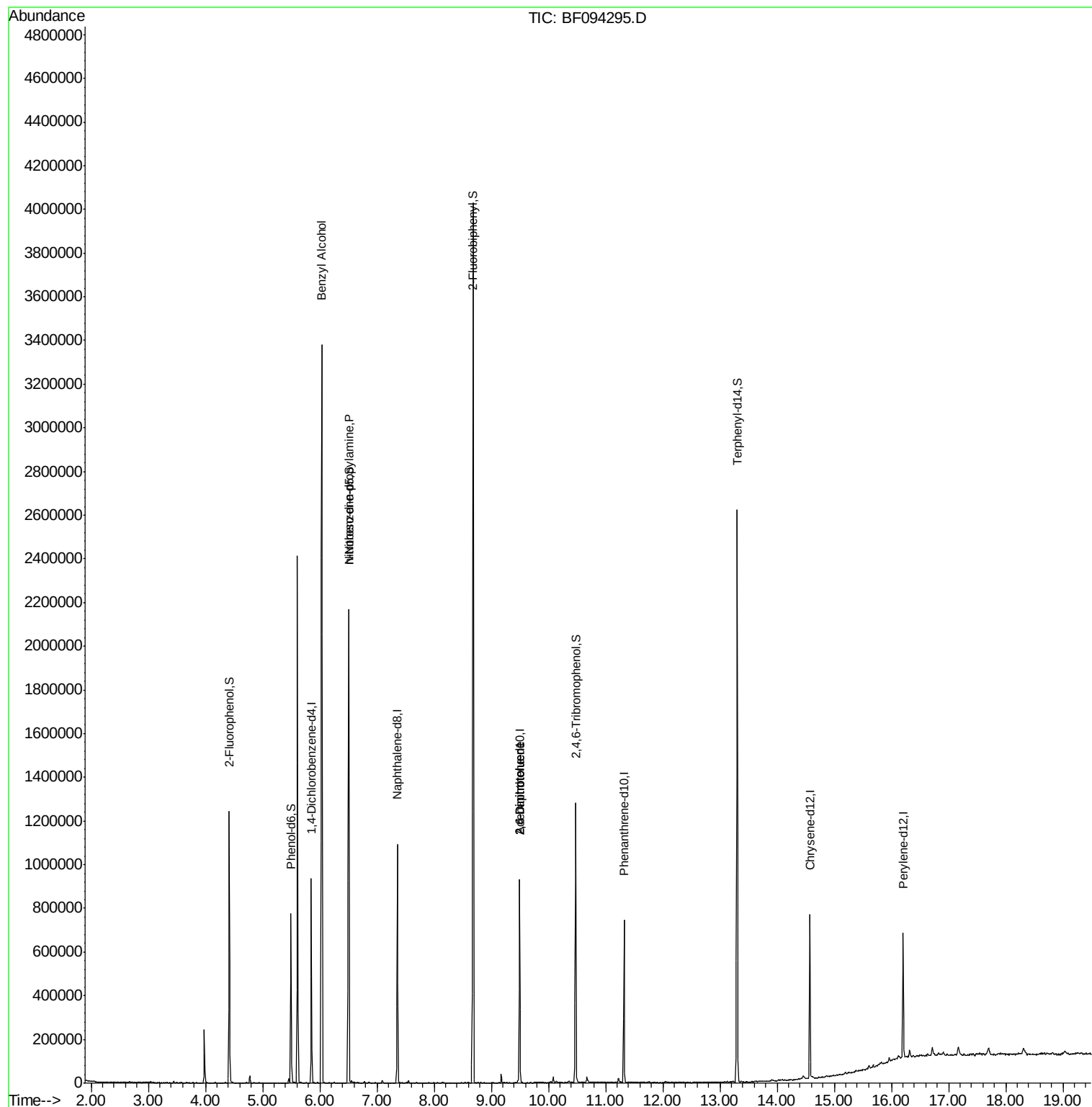
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	145902	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	537412	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	209985	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	303688	20.00	ng	0.00
75) Chrysene-d12	14.57	240	287469	20.00	ng	0.00
86) Perylene-d12	16.20	264	230900	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	367641	42.56	ng	0.03
7) Phenol-d6	5.49	99	267573	25.04	ng	0.03
23) Nitrobenzene-d5	6.51	82	941309	99.96	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	148598	89.55	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1548134	112.45	ng	0.00
78) Terphenyl-d14	13.30	244	944009	73.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.03	79	15856	2.03	ng	# 43
19) n-Nitroso-di-n-propylamine	6.50	70	123451	17.97	ng	# 77
50) 2,6-Dinitrotoluene	9.49	165	26065	7.62	ng	# 33
56) 2,4-Dinitrotoluene	9.49	165	26065	6.06	ng	# 32

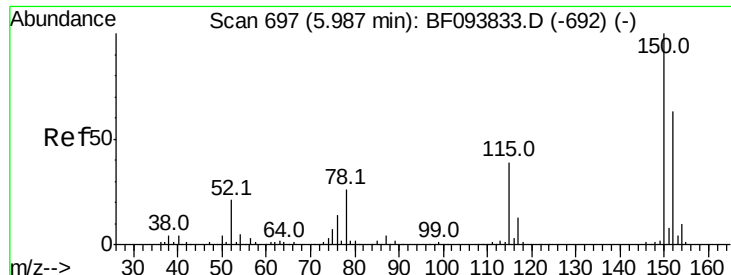
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094295.D
Acq On : 8 Apr 2017 3:00
Operator : SJ/MA
Sample : I2589-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
040517-DSDC-E-U-M

Quant Time: Apr 08 04:52:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-U-M

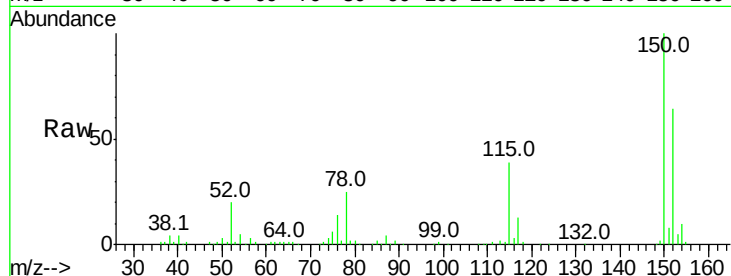
Tot Ion:152 Resp: 145902

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

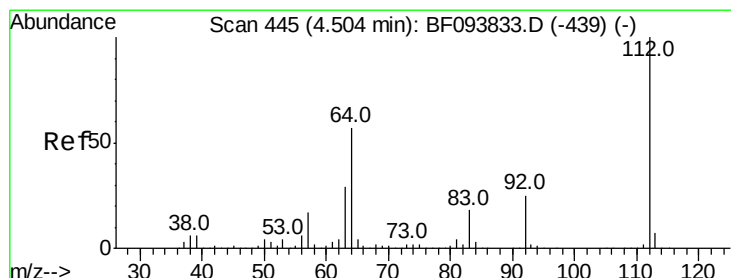
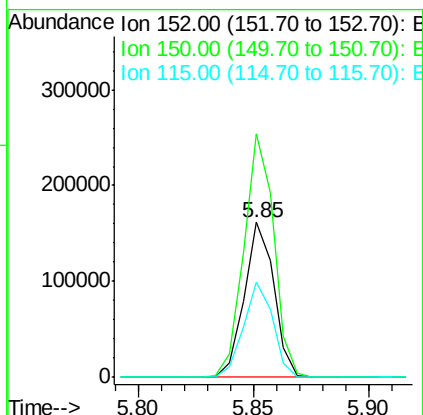
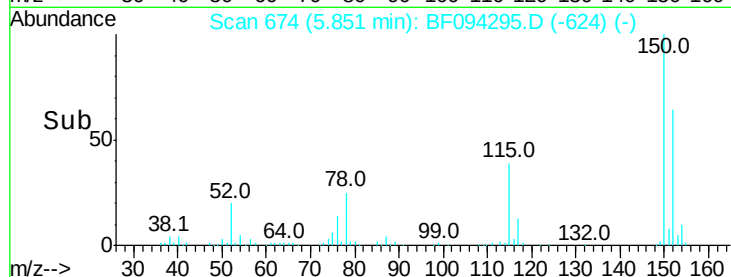
115 61.1 52.2 78.2



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: 42.56 ng

RT: 4.42 min Scan# 430

Delta R.T. 0.03 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

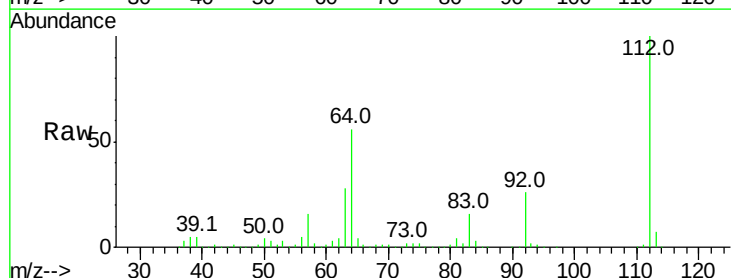
Tgt Ion:112 Resp: 367641

Ion Ratio Lower Upper

112 100

64 56.4 46.0 69.0

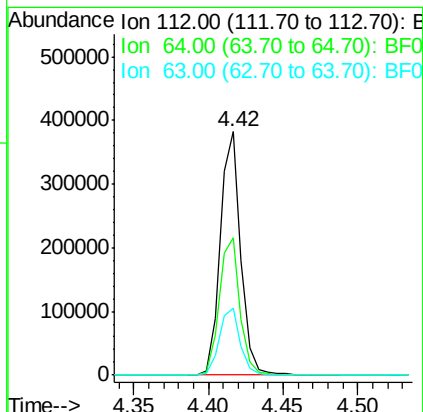
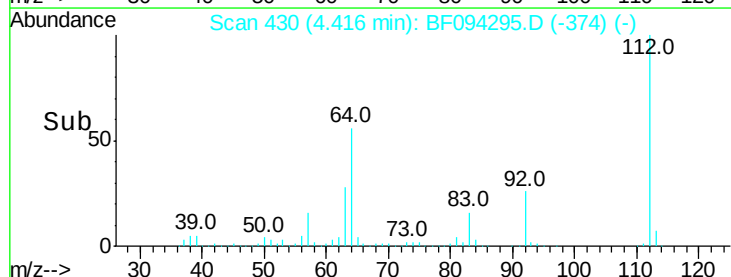
63 27.7 23.4 35.0

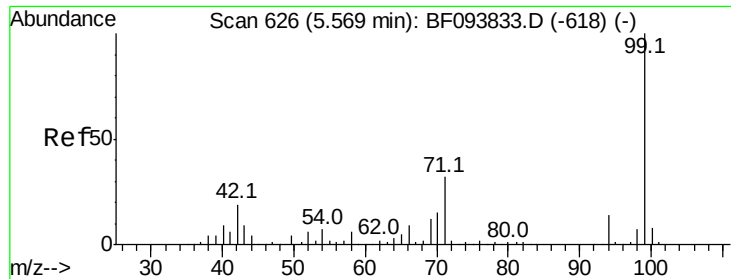


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.04 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.03 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-U-M

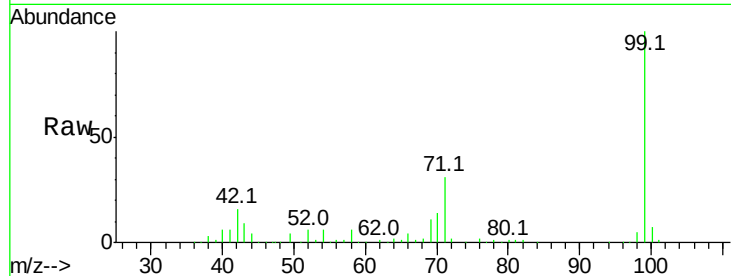
Tot Ion: 99 Resp: 267573

Ion Ratio Lower Upper

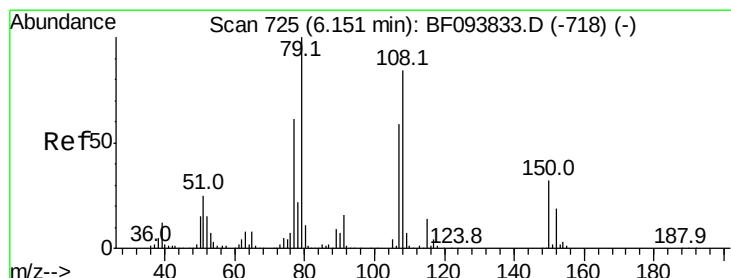
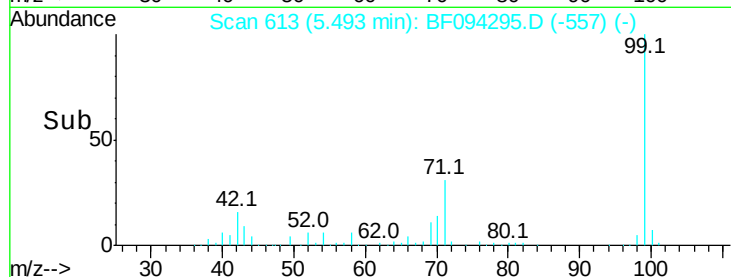
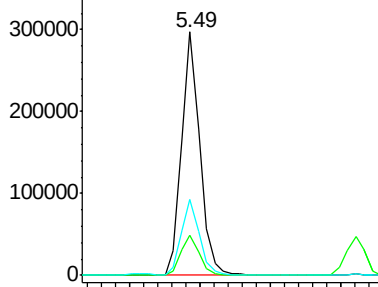
99 100

42 16.5 13.5 20.3

71 31.0 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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

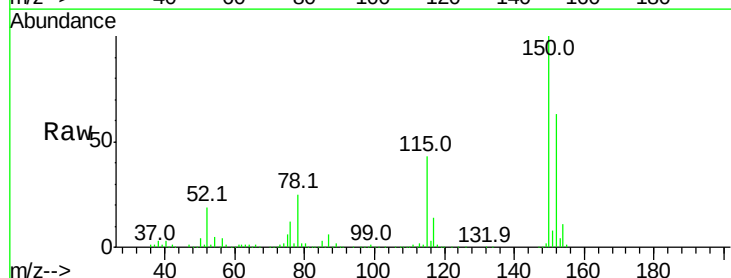
Tgt Ion: 79 Resp: 15856

Ion Ratio Lower Upper

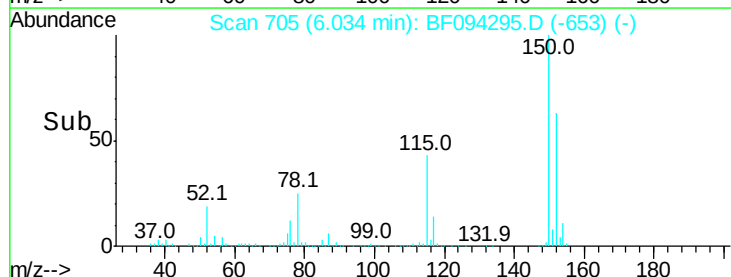
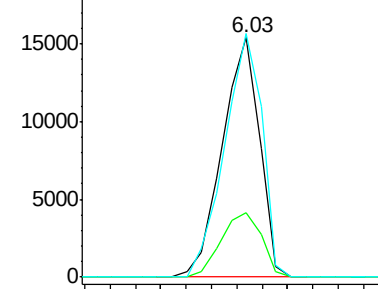
79 100

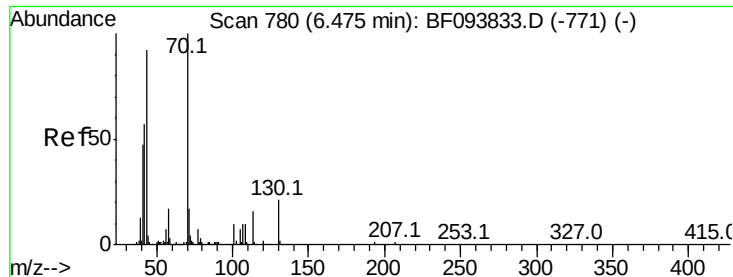
108 26.9 63.4 95.0#

77 101.8 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.97 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-U-M

Tot Ion: 70 Resp: 123451

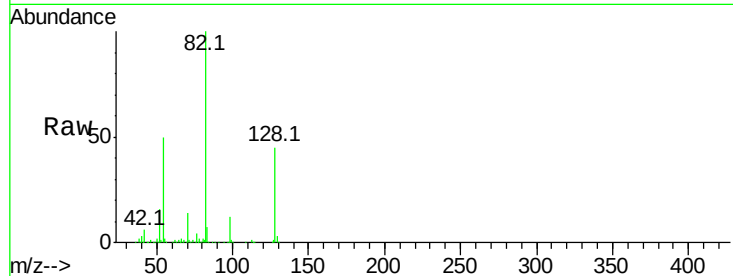
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

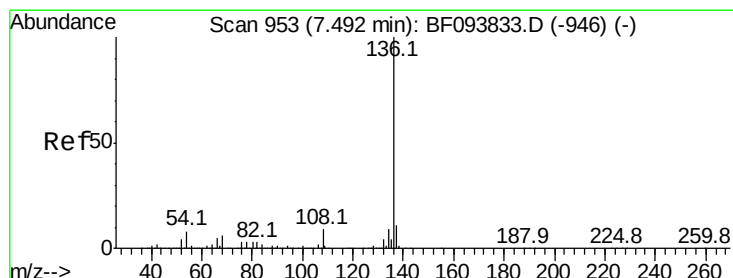
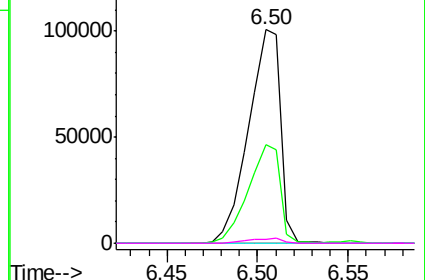
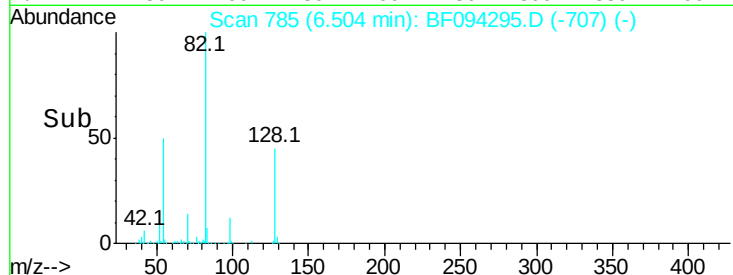


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

Tgt Ion: 136 Resp: 537412

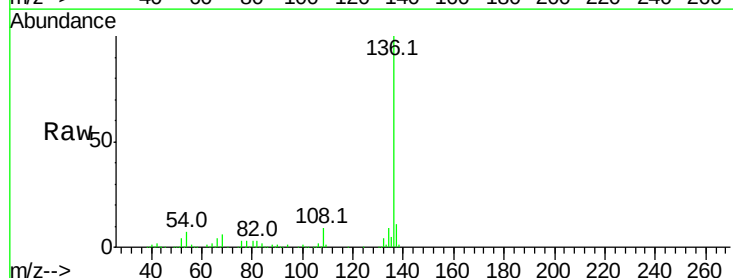
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

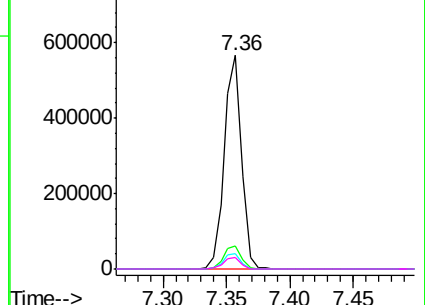
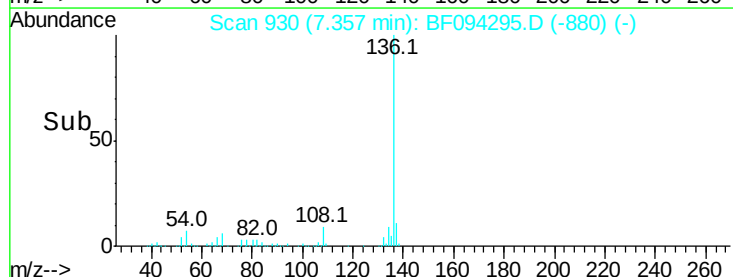


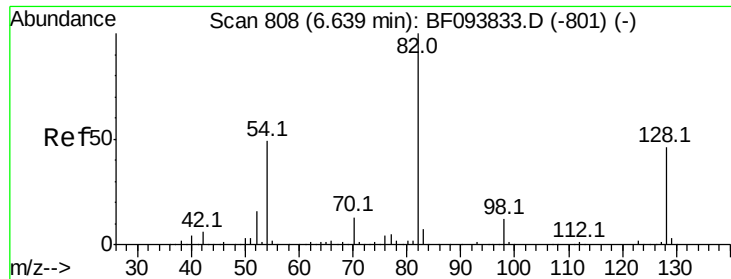
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

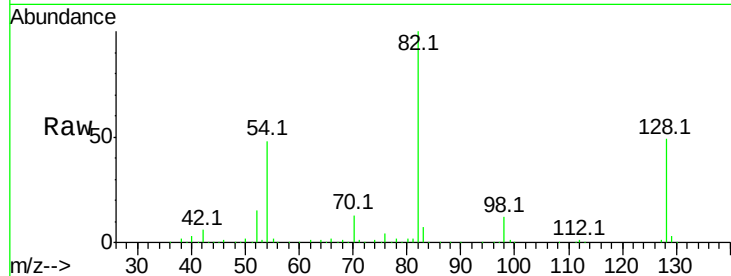




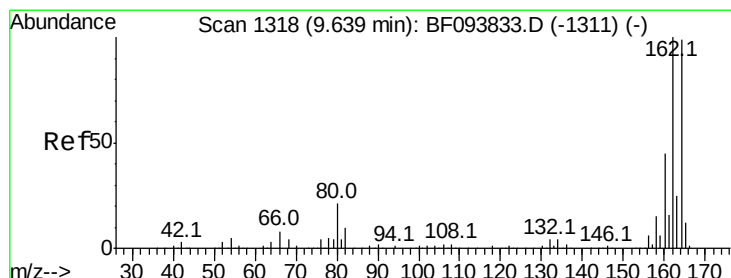
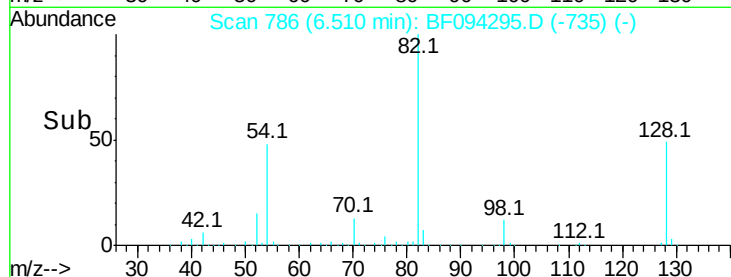
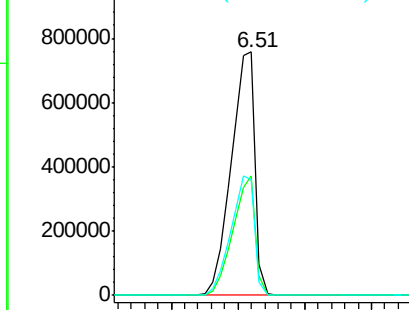
#23
 Nitrobenzene-d5
 Concen: 99.96 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

Tot Ion: 82 Resp: 941309
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 47.7 42.2 63.2

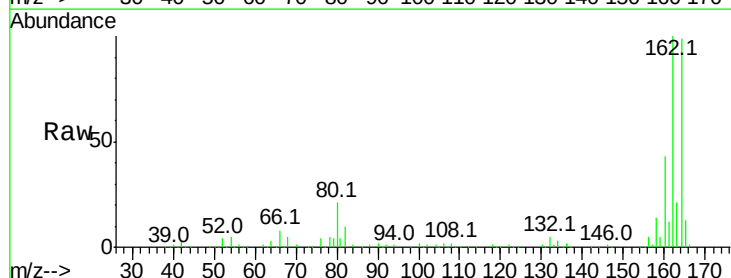


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

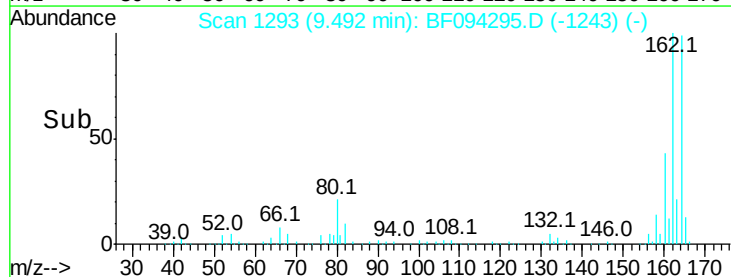
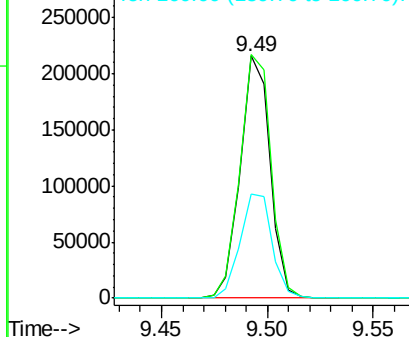


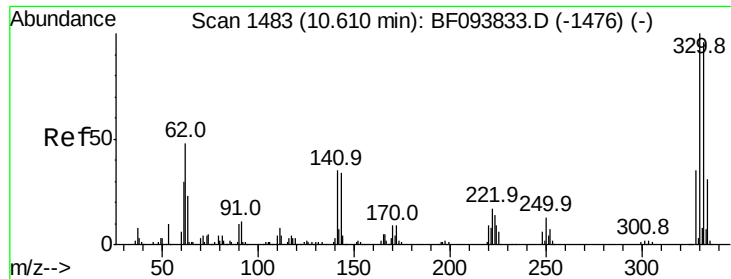
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Tgt Ion:164 Resp: 209985
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 123.8
 160 43.2 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

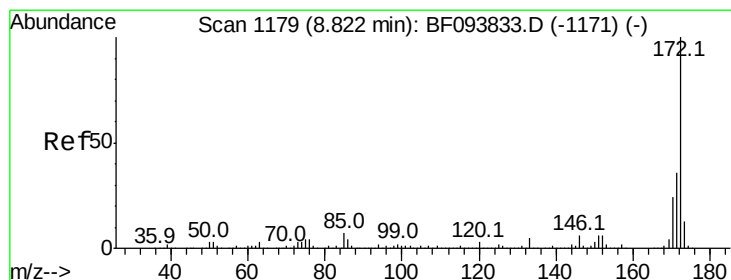
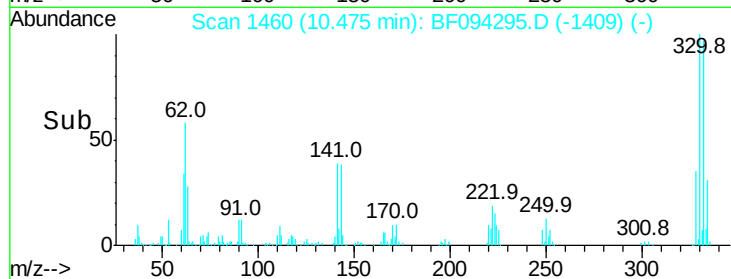
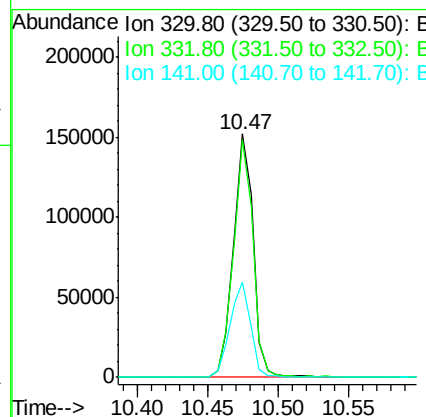
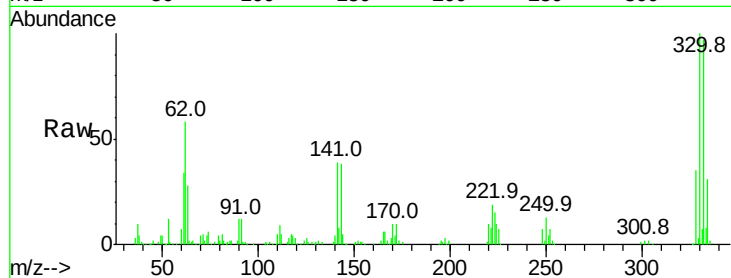




#41
 2,4,6-Tribromophenol
 Concen: 89.55 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

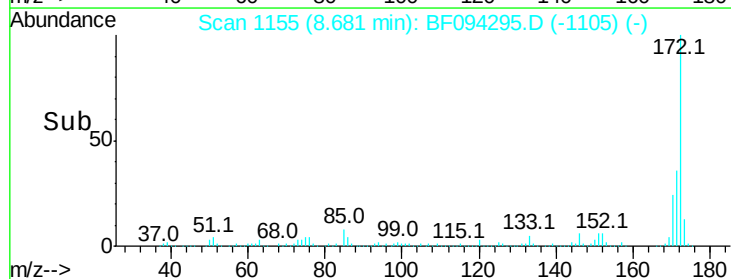
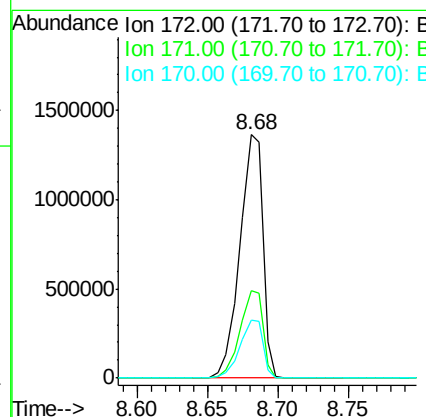
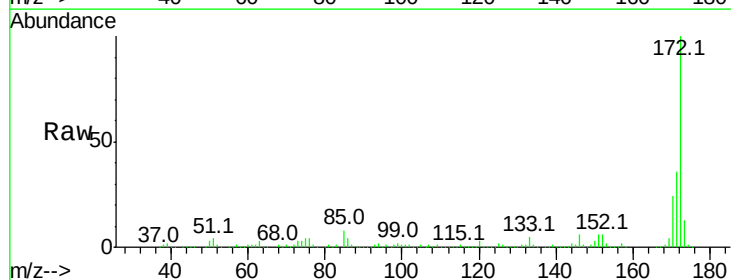
Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

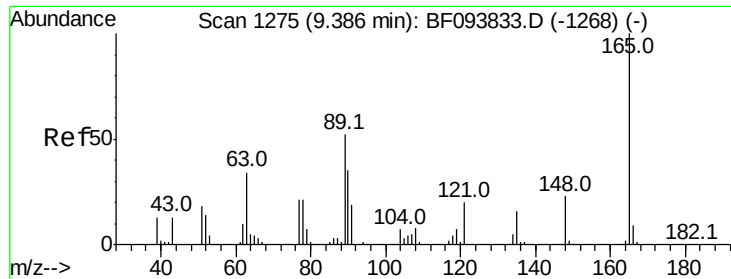
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 112.45 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8

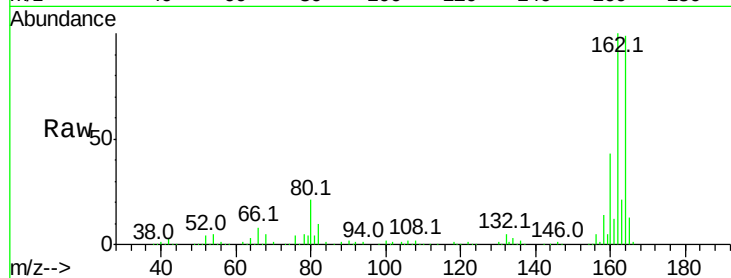




#50
 2,6-Dinitrotoluene
 Concen: 7.62 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. 0.24 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

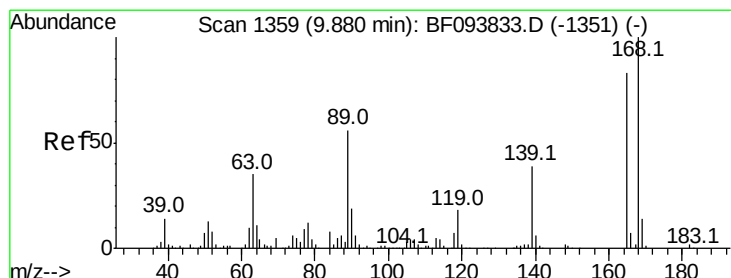
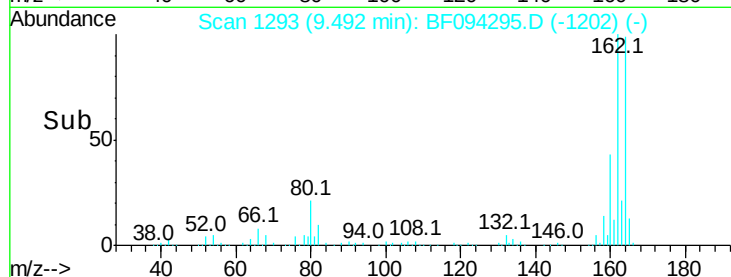
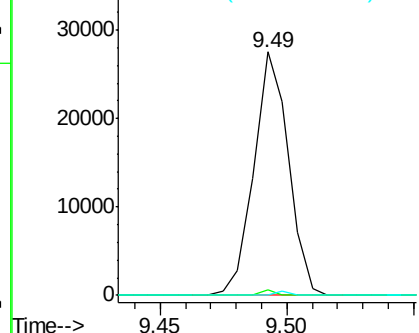
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

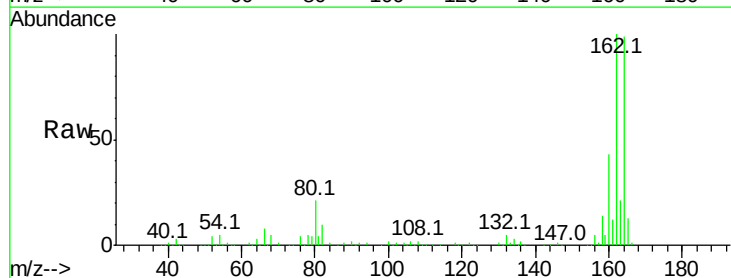
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.26 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

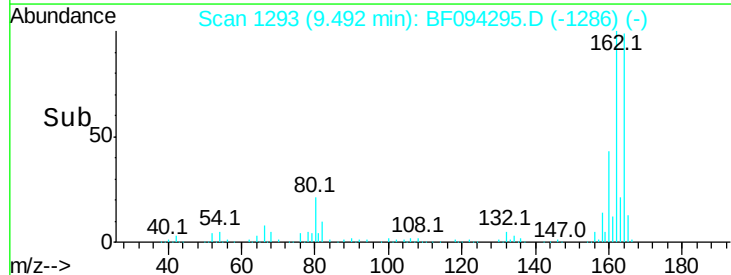
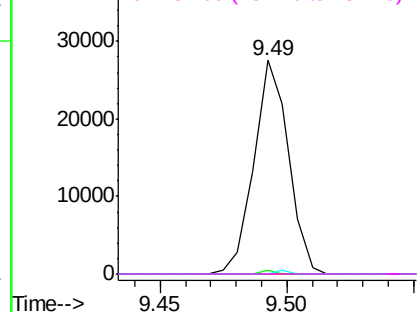


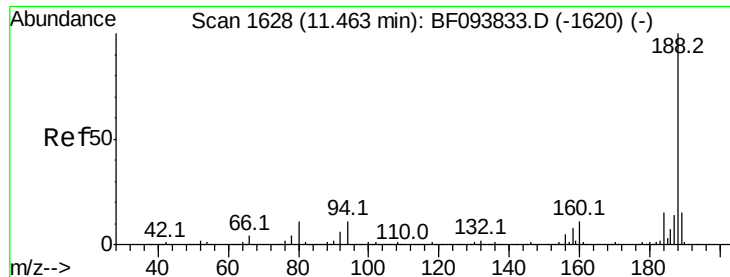
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-U-M

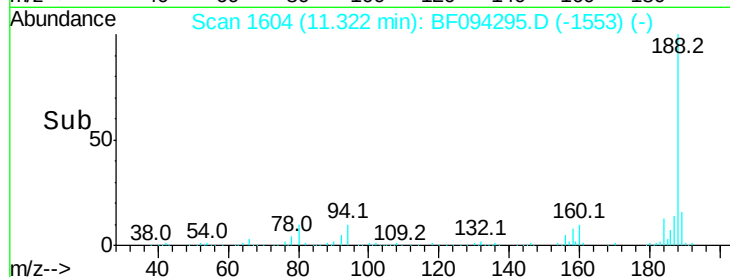
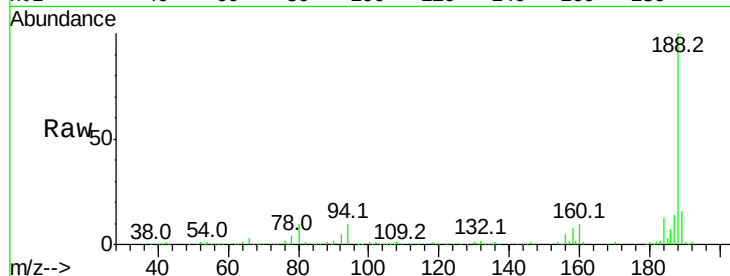
Tot Ion:188 Resp: 303688

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

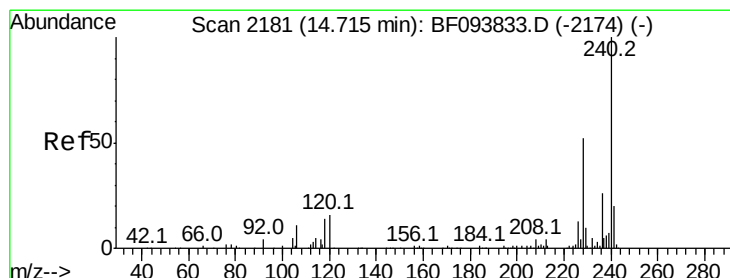
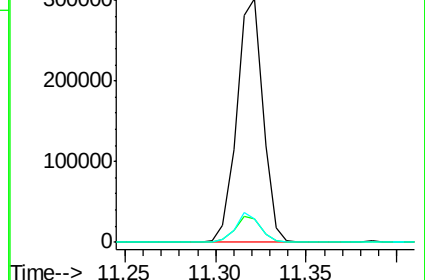
80 9.6 10.2 15.2#



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: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

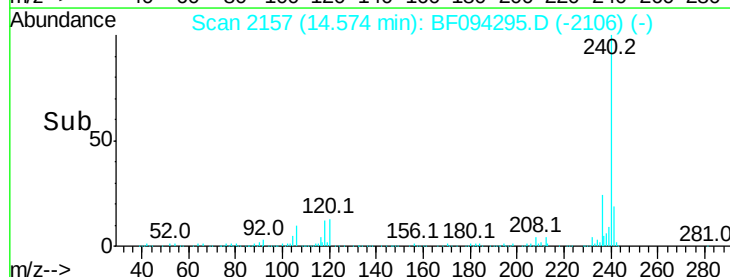
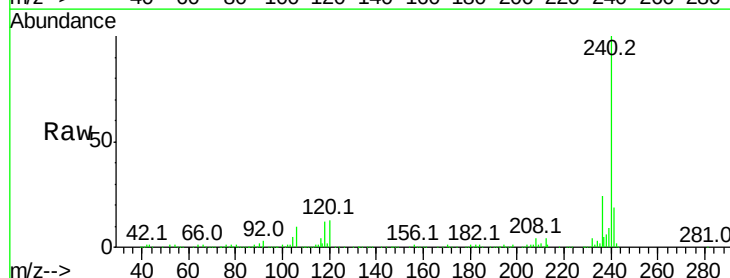
Tgt Ion:240 Resp: 287469

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

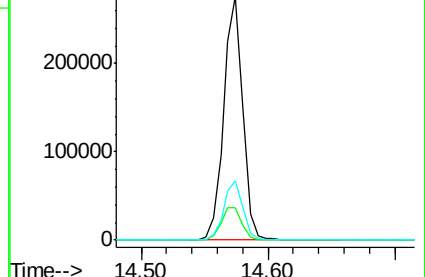
236 24.5 20.5 30.7

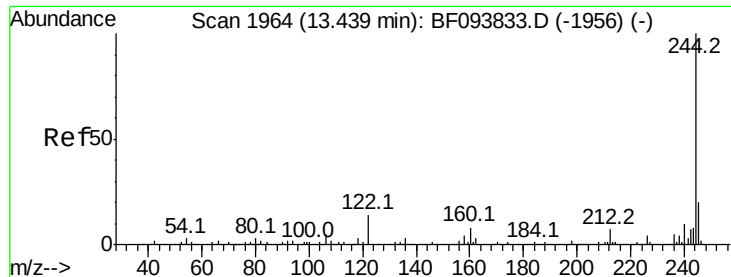


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

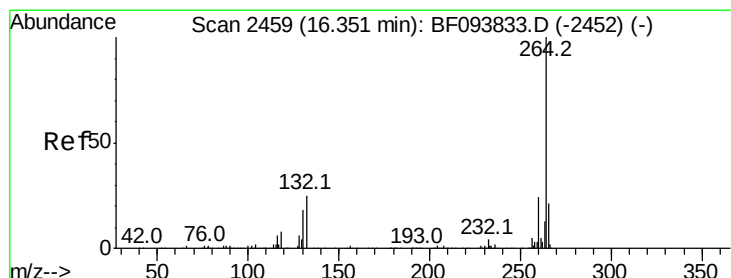
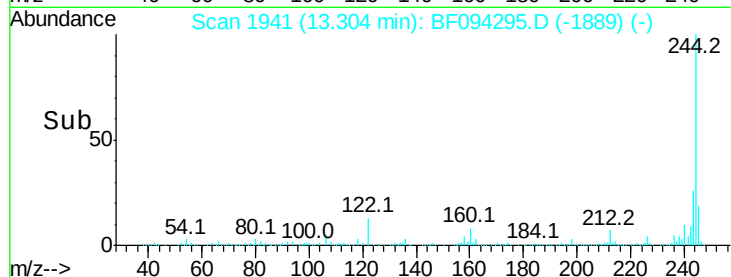
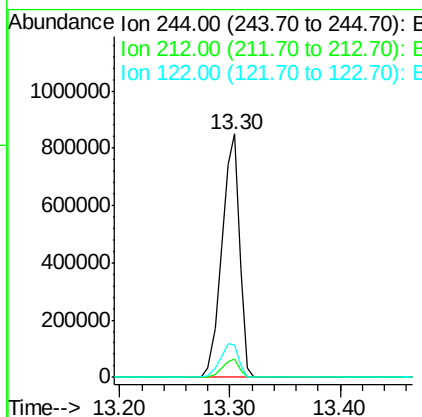
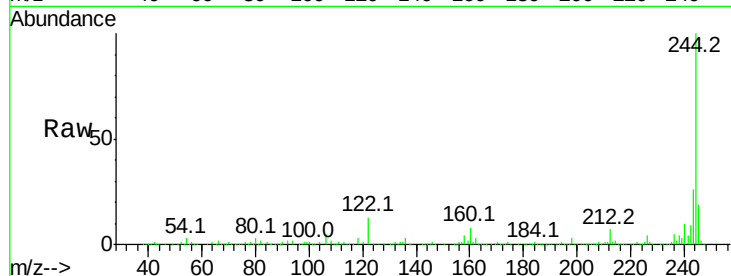




#78
 Terphenyl-d14
 Concen: 73.61 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

Tot Ion:244 Resp: 944009
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Tgt Ion:264 Resp: 230900
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.1 17.2 25.8

