

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094294.D
 Acq On : 8 Apr 2017 2:32
 Operator : SJ/MA
 Sample : I2589-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 08 04:52:03 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

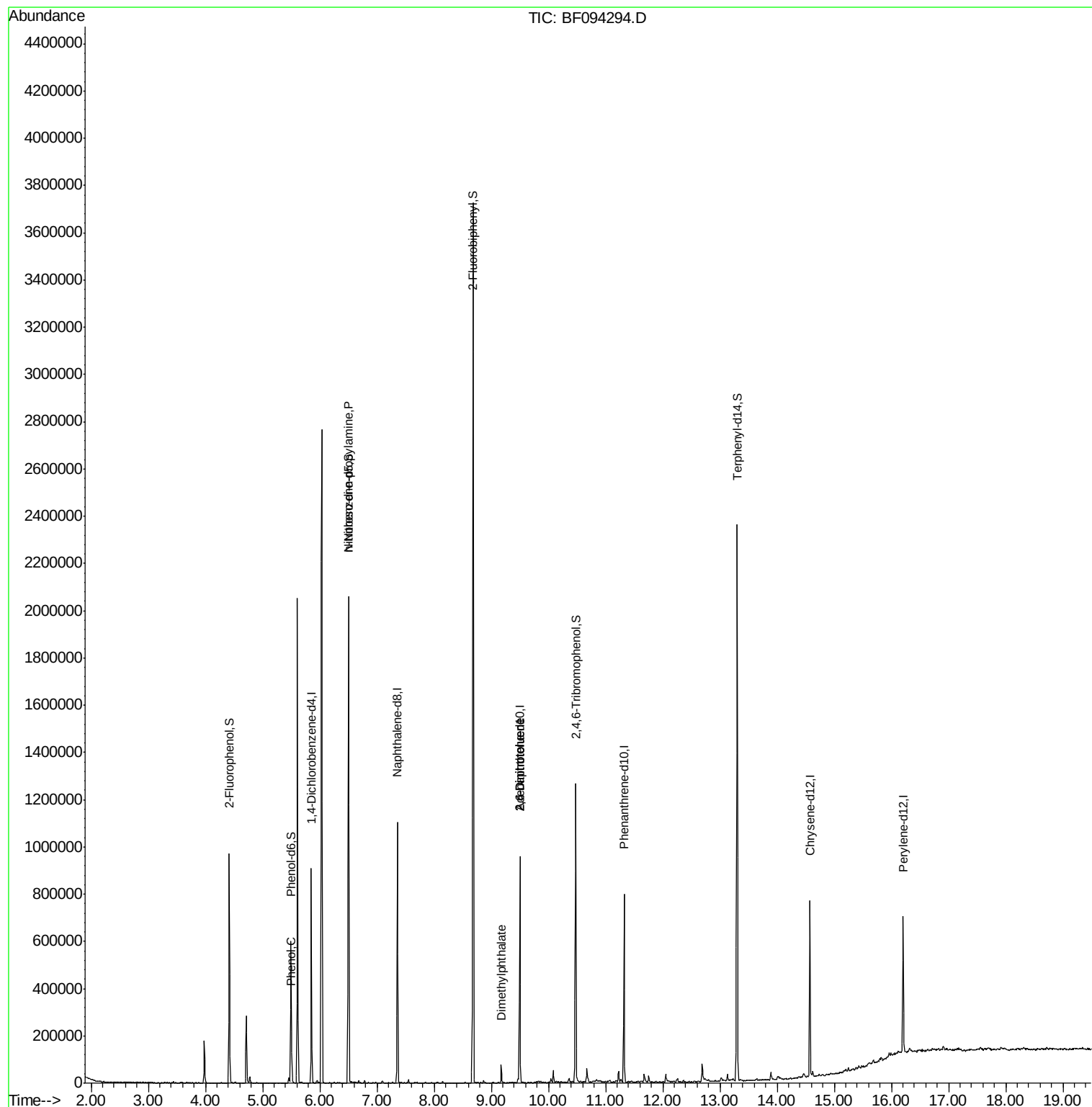
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	137894	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	523084	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	209048	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	306502	20.00	ng	0.00
75) Chrysene-d12	14.57	240	267264	20.00	ng	0.00
86) Perylene-d12	16.20	264	224896	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	288763	35.37	ng	0.03
7) Phenol-d6	5.49	99	215230	21.31	ng	0.03
23) Nitrobenzene-d5	6.50	82	758127	82.71	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	147036	89.01	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1372829	100.16	ng	0.00
78) Terphenyl-d14	13.30	244	858811	72.03	ng	0.00
Target Compounds						
10) Phenol	5.51	94	31641	2.75	ng	92
19) n-Nitroso-di-n-propylamine	6.50	70	98992	15.25	ng	# 76
49) Dimethylphthalate	9.17	163	31246	2.10	ng	99
50) 2,6-Dinitrotoluene	9.50	165	26450	7.76	ng	# 34
56) 2,4-Dinitrotoluene	9.50	165	26450	6.18	ng	# 33

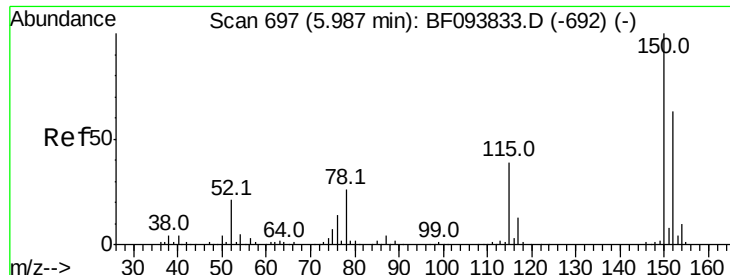
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094294.D
Acq On : 8 Apr 2017 2:32
Operator : SJ/MA
Sample : I2589-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 08 04:52:03 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: BF094294.D

Acq: 8 Apr 2017 2:32

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-D-M

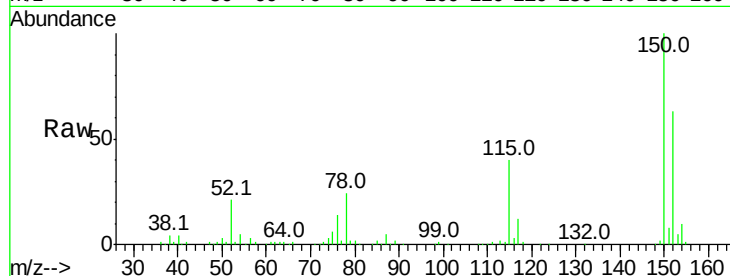
Tot Ion:152 Resp: 137894

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

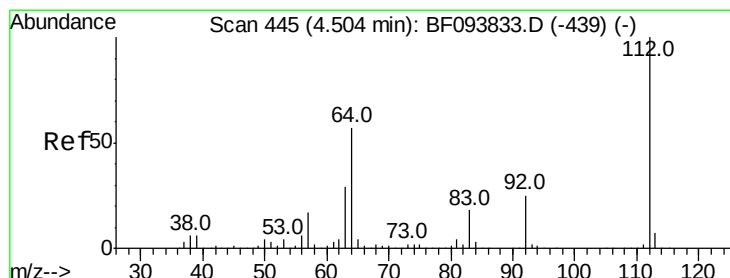
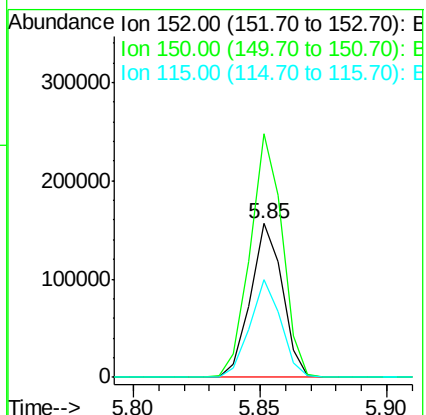
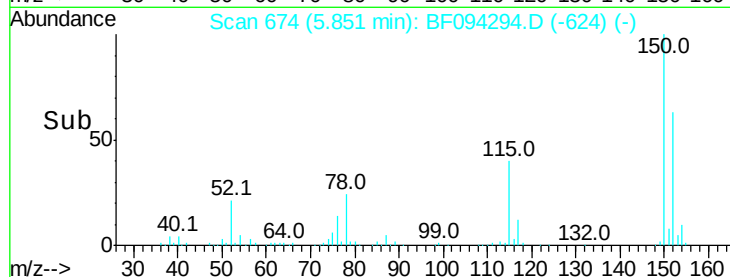
115 63.9 52.2 78.2



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: 35.37 ng

RT: 4.42 min Scan# 430

Delta R.T. 0.03 min

Lab File: BF094294.D

Acq: 8 Apr 2017 2:32

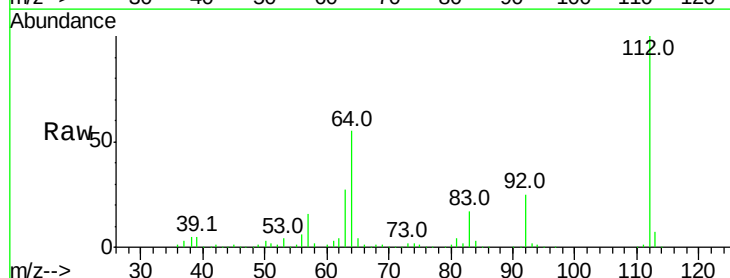
Tgt Ion:112 Resp: 288763

Ion Ratio Lower Upper

112 100

64 54.9 46.0 69.0

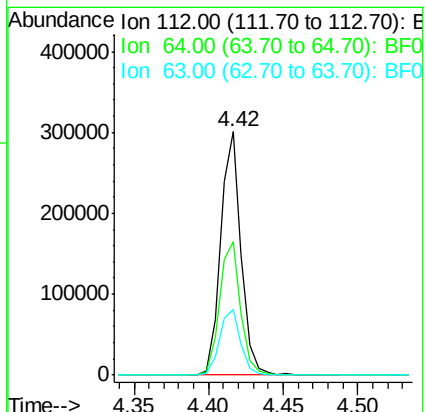
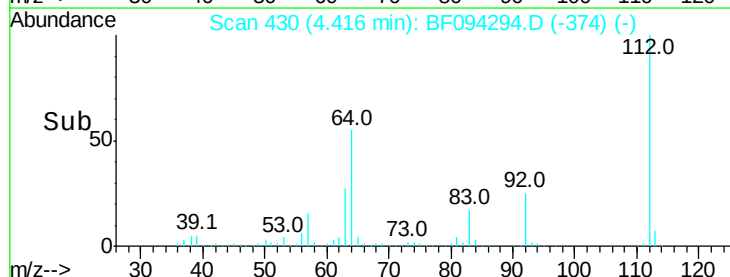
63 27.0 23.4 35.0

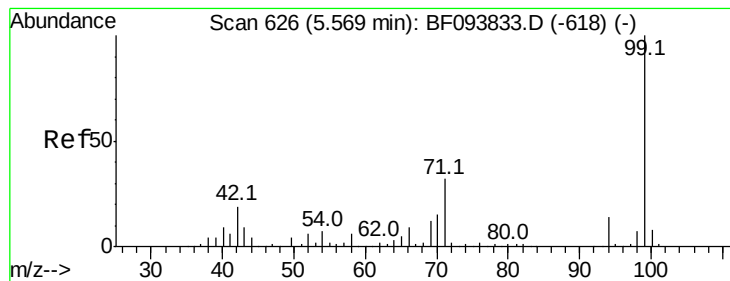


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.31 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.03 min

Lab File: BF094294.D

Acq: 8 Apr 2017 2:32

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-D-M

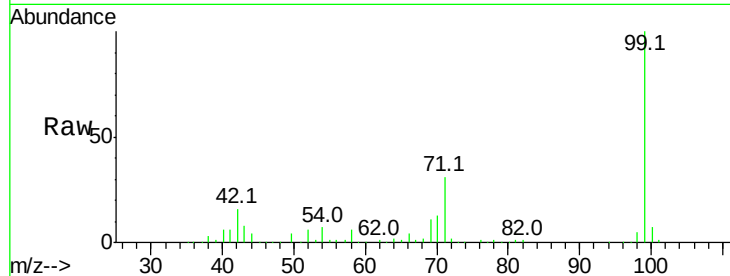
Tot Ion: 99 Resp: 215230

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

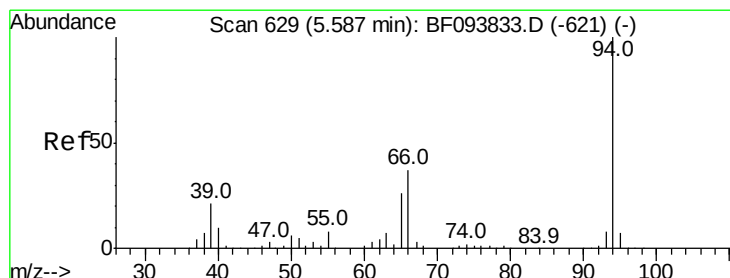
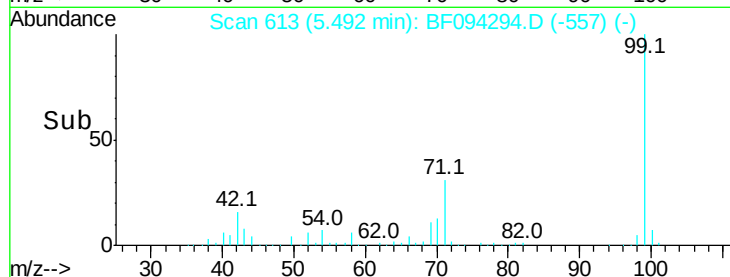
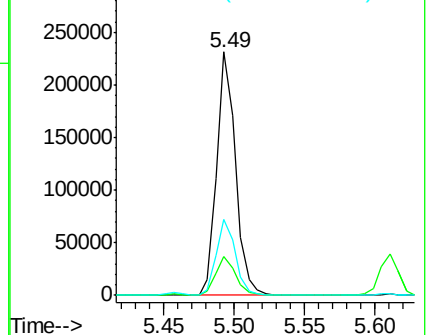
71 31.4 24.5 36.7



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



#10

Phenol

Concen: 2.75 ng

RT: 5.51 min Scan# 616

Delta R.T. 0.03 min

Lab File: BF094294.D

Acq: 8 Apr 2017 2:32

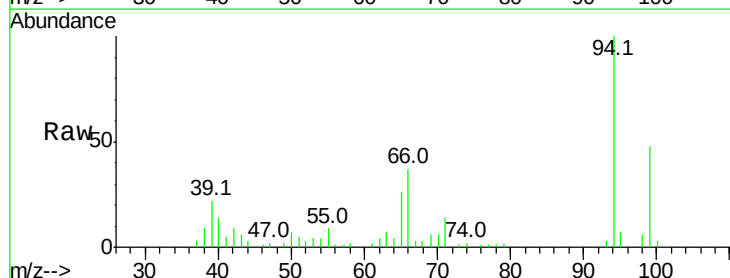
Tgt Ion: 94 Resp: 31641

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

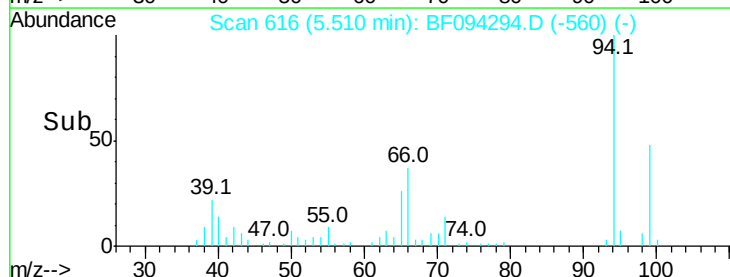
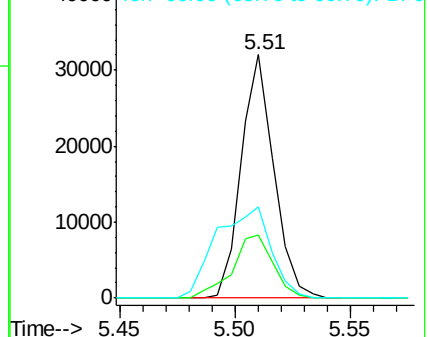
66 37.4 23.1 63.1

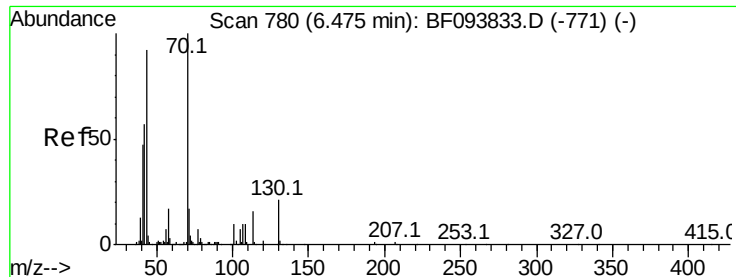


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.25 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094294.D

Acq: 8 Apr 2017 2:32

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-D-M

Tot Ion: 70 Resp: 98992

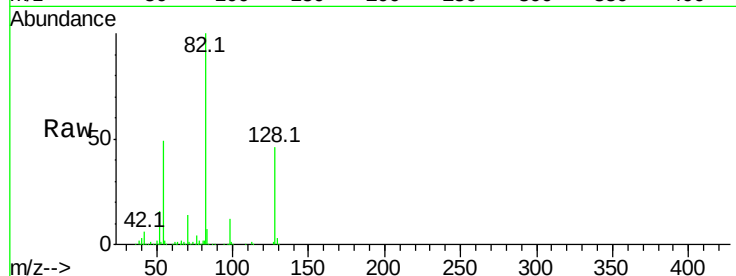
Ion Ratio Lower Upper

70 100

42 45.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

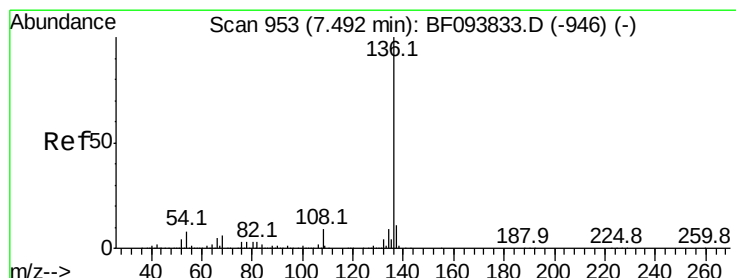
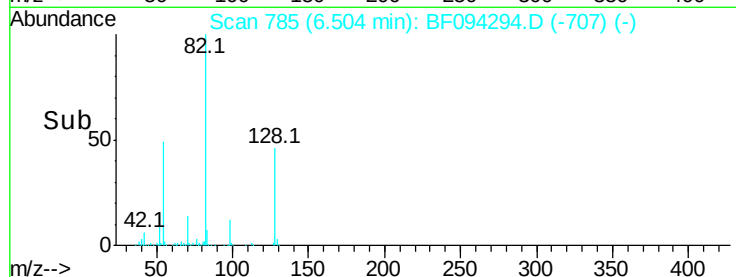
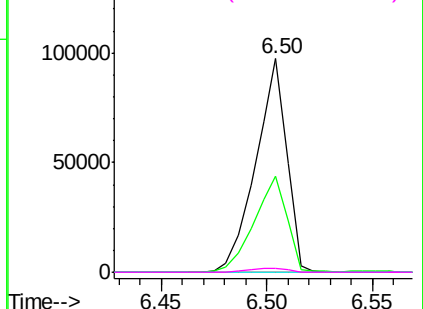


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094294.D

Acq: 8 Apr 2017 2:32

Tgt Ion: 136 Resp: 523084

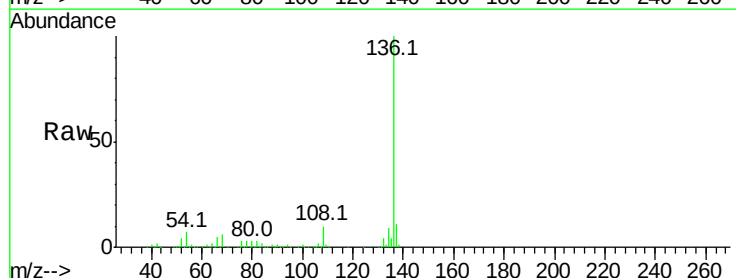
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.3 4.9 7.3#

68 5.5 4.1 6.1

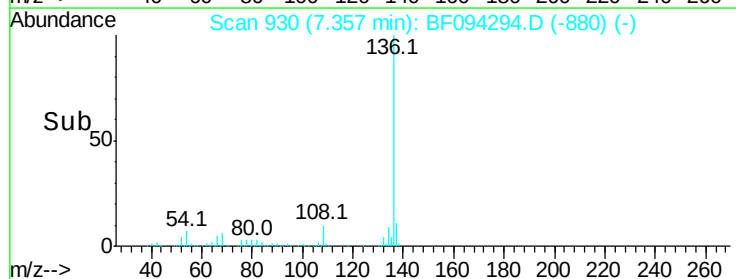
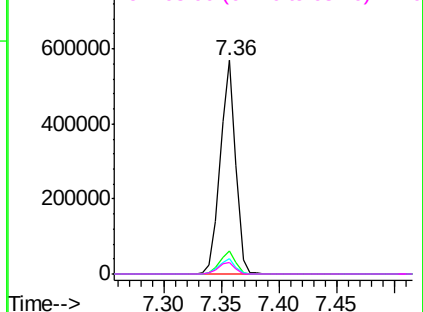


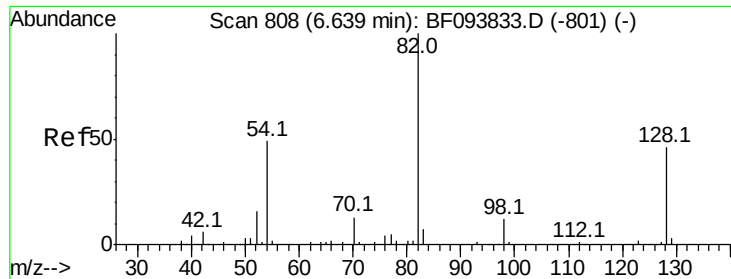
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

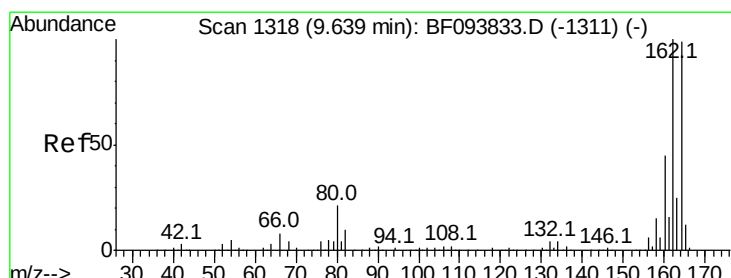
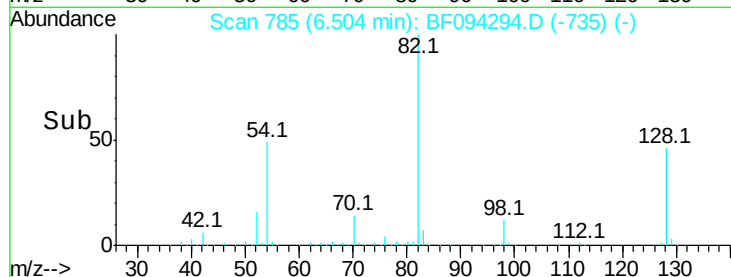
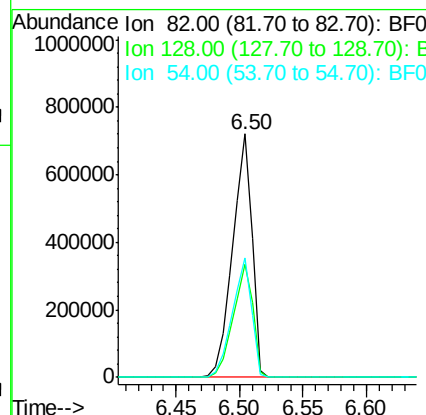
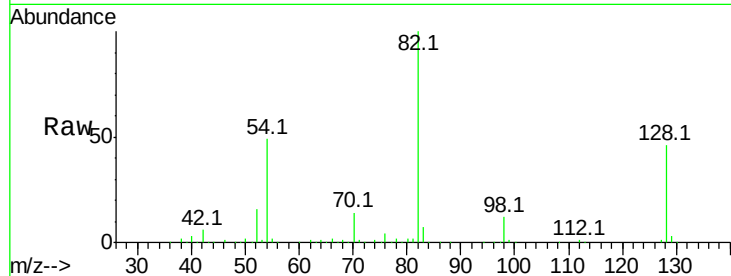




#23
 Nitrobenzene-d5
 Concen: 82.71 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094294.D
 Acq: 8 Apr 2017 2:32

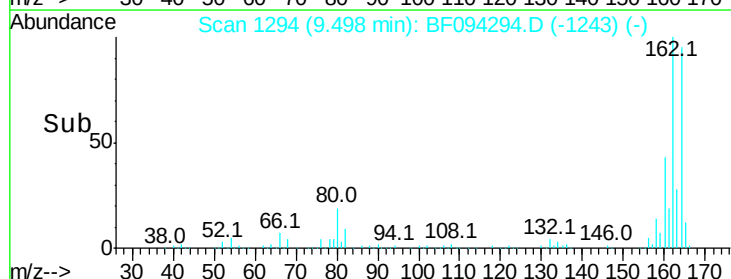
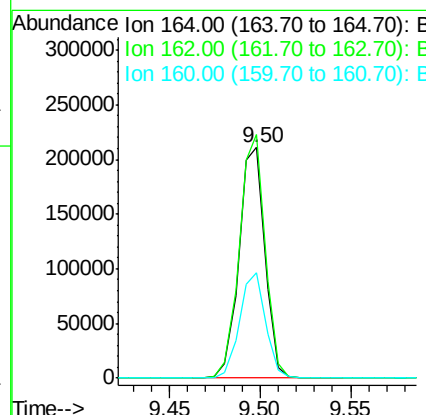
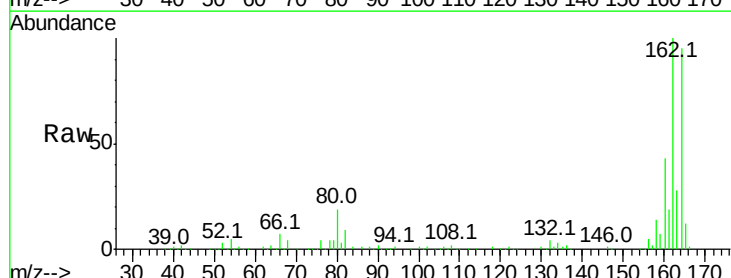
Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-D-M

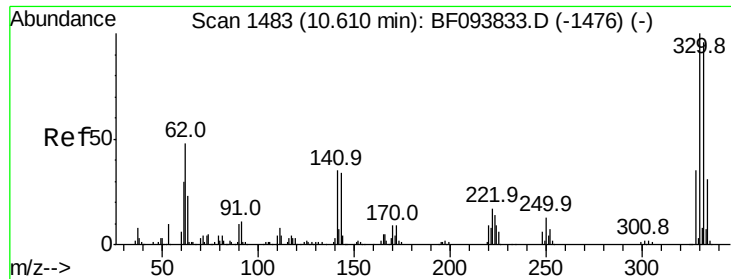
Tot Ion	82	Resp	758127
Ion Ratio	100	Lower	Upper
128	46.5	34.0	51.0
54	48.9	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094294.D
 Acq: 8 Apr 2017 2:32

Tgt Ion	164	Resp	209048
Ion Ratio	100	Lower	Upper
162	105.6	82.6	123.8
160	45.8	36.2	54.2

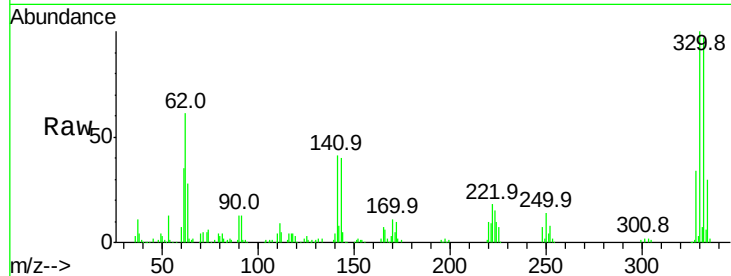




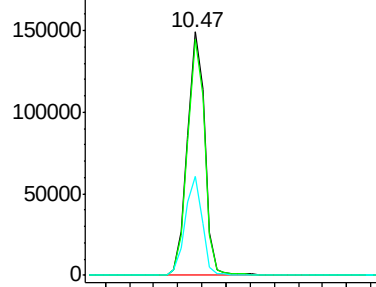
#41
 2,4,6-Tribromophenol
 Concen: 89.01 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094294.D
 Acq: 8 Apr 2017 2:32

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

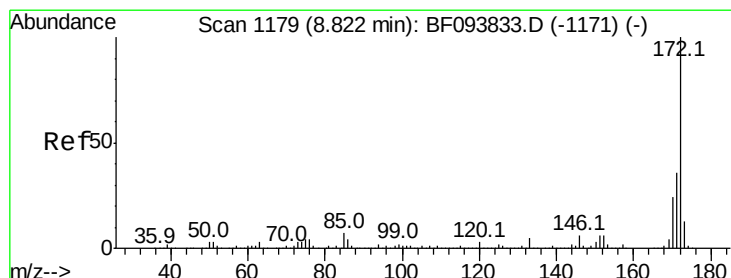
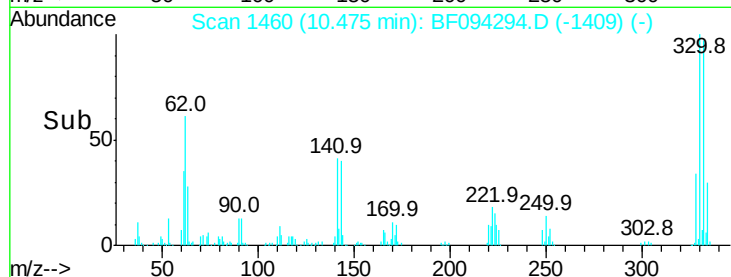
Tot Ion:330 Resp: 147036
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.8 31.4 47.2



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

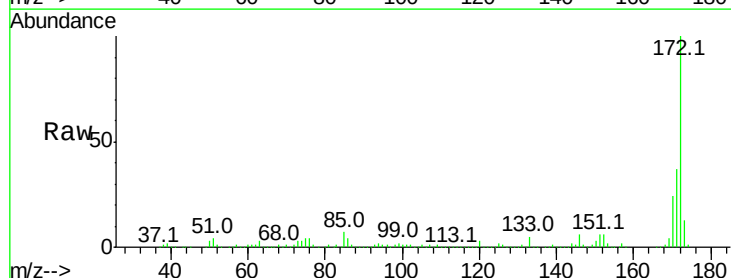


Time--> 10.40 10.50 10.60

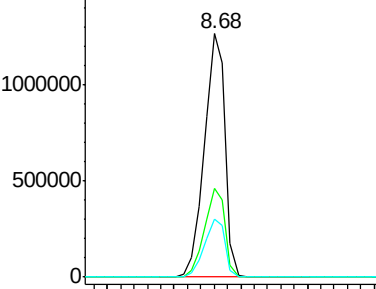


#44
 2-Fluorobiphenyl
 Concen: 100.16 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094294.D
 Acq: 8 Apr 2017 2:32

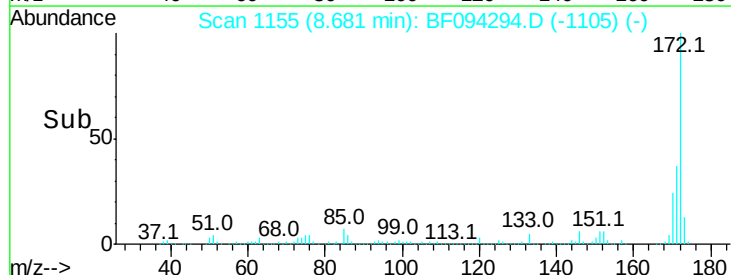
Tgt Ion:172 Resp: 1372829
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.1 19.8 29.8

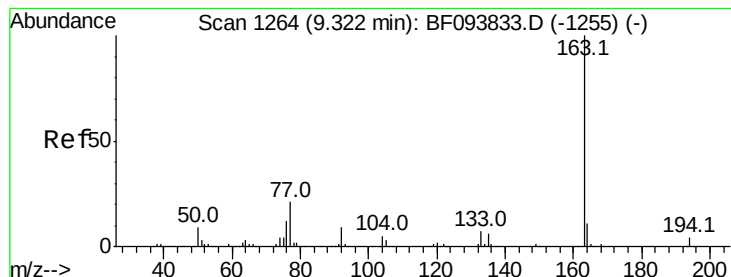


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 8.60 8.65 8.70 8.75





#49

Dimethylphthalate

Concen: 2.10 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF094294.D

Acq: 8 Apr 2017 2:32

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-D-M

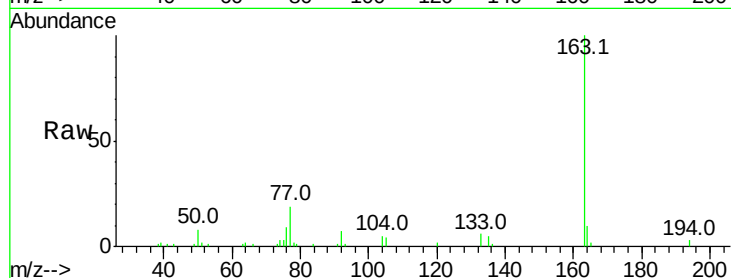
Tot Ion:163 Resp: 31246

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

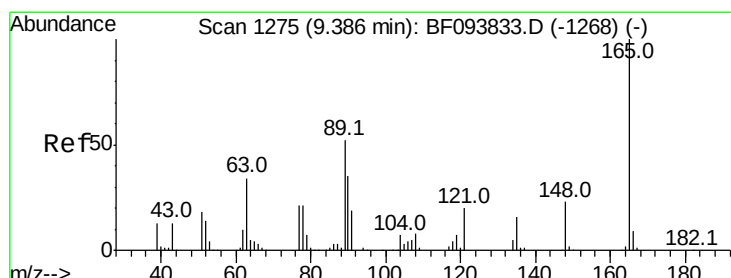
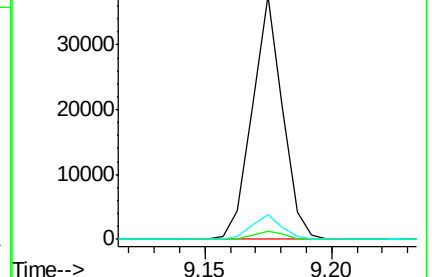
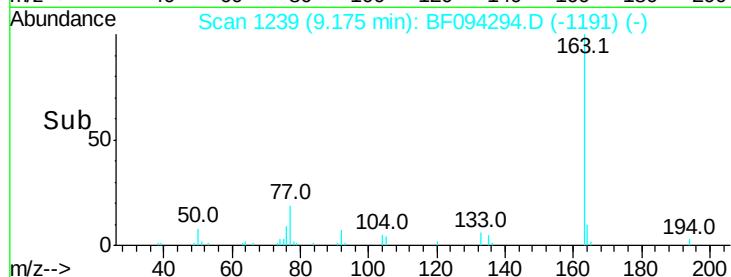
164 10.3 8.4 12.6



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: 7.76 ng

RT: 9.50 min Scan# 1294

Delta R.T. 0.24 min

Lab File: BF094294.D

Acq: 8 Apr 2017 2:32

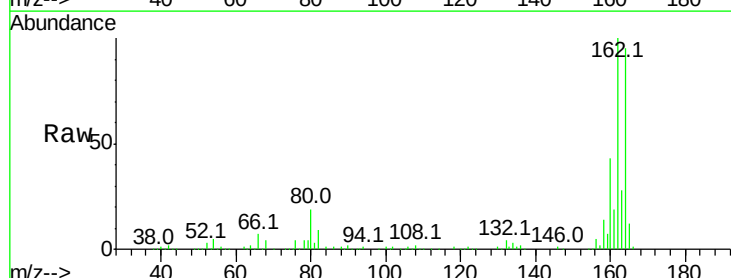
Tgt Ion:165 Resp: 26450

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

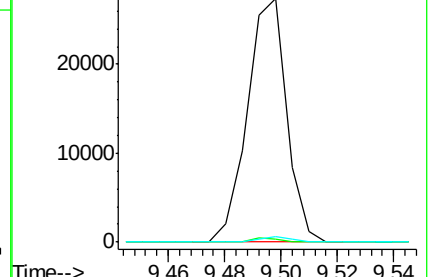
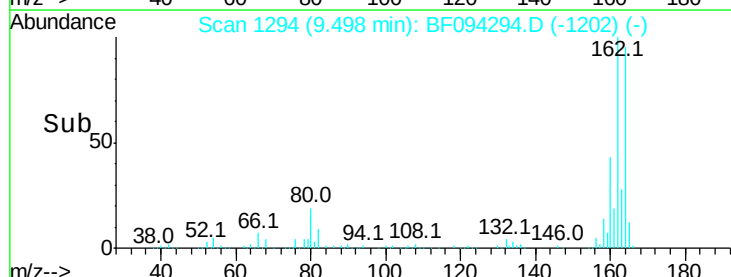
89 2.2 37.1 55.7#

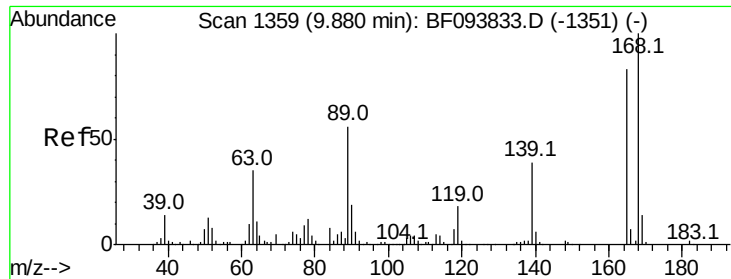


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

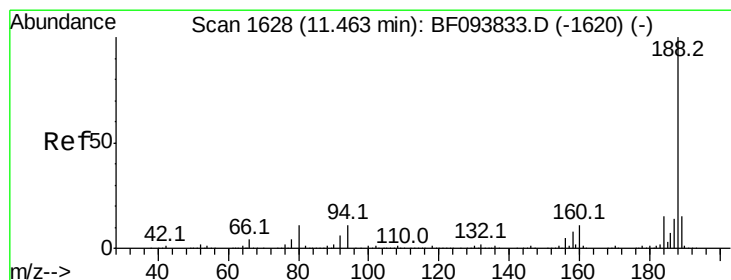
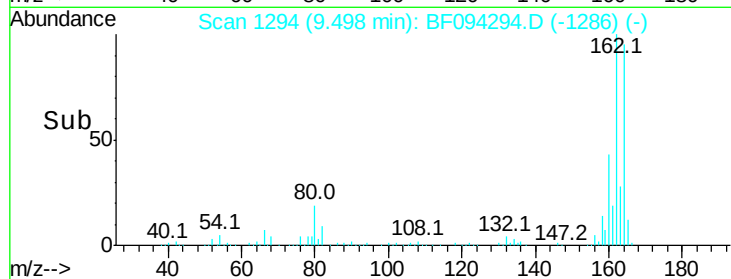
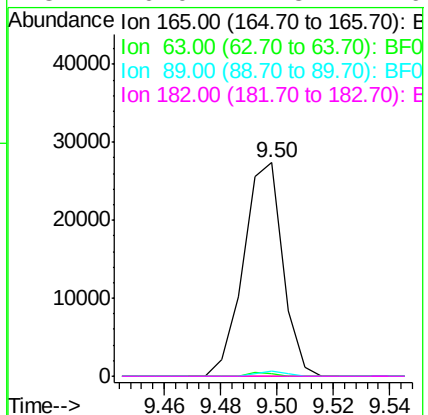
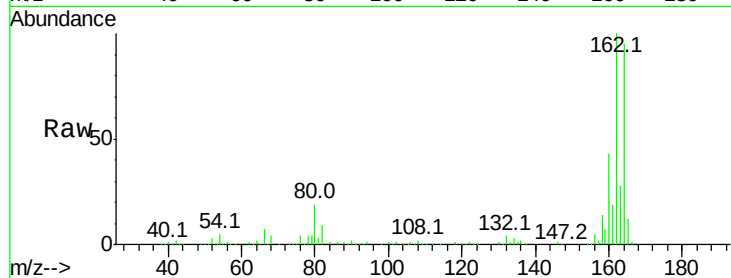




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.25 min
 Lab File: BF094294.D
 Acq: 8 Apr 2017 2:32

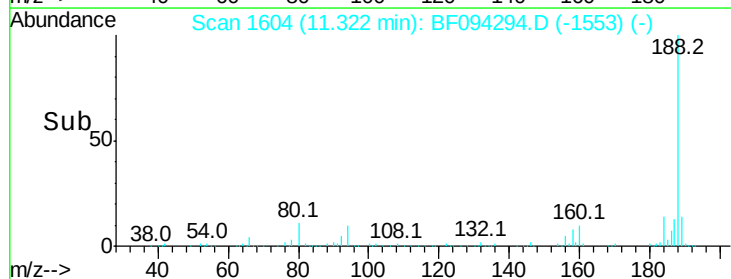
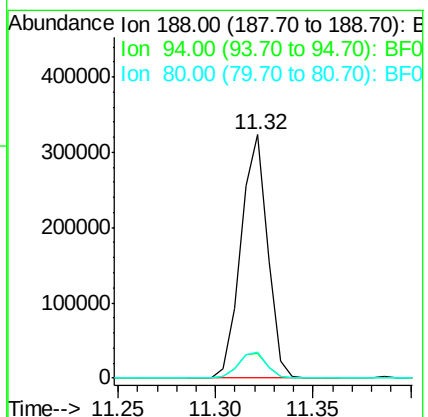
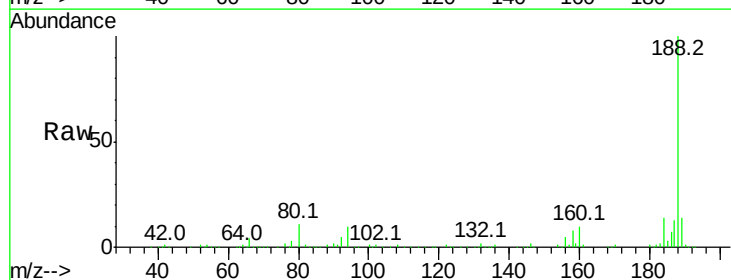
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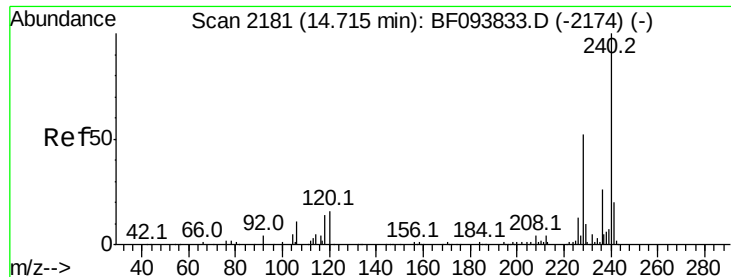
Tot Ion:	165	Resp:	26450
Ion Ratio	Lower	Upper	
165	100		
63	1.2	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF094294.D
 Acq: 8 Apr 2017 2:32

Tgt Ion:	188	Resp:	306502
Ion Ratio	Lower	Upper	
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094294.D

Acq: 8 Apr 2017 2:32

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-D-M

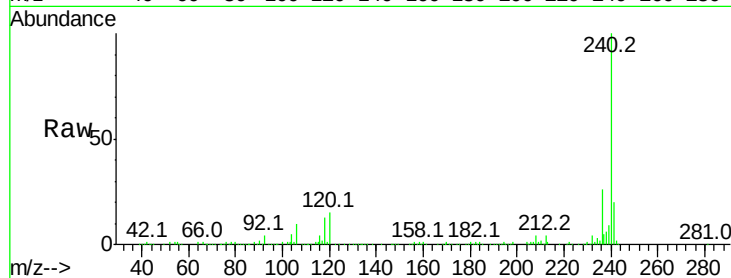
Tot Ion:240 Resp: 267264

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

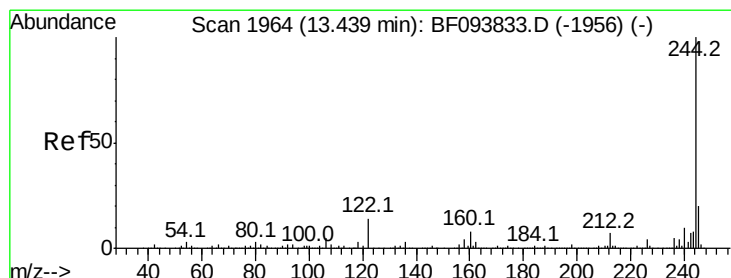
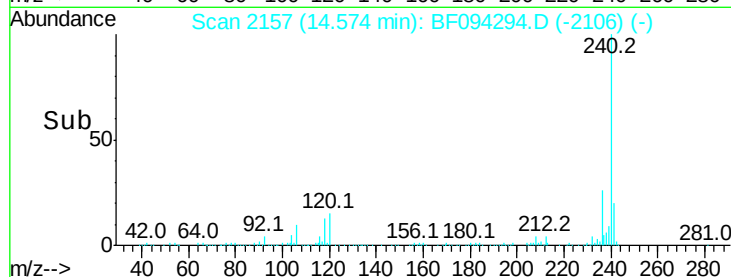
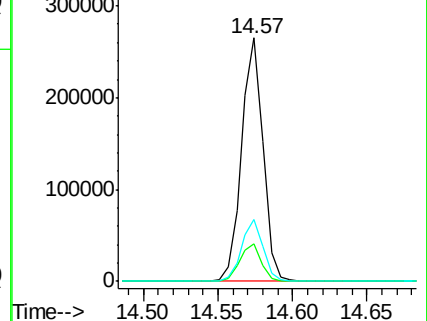
236 25.5 20.5 30.7



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: 72.03 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094294.D

Acq: 8 Apr 2017 2:32

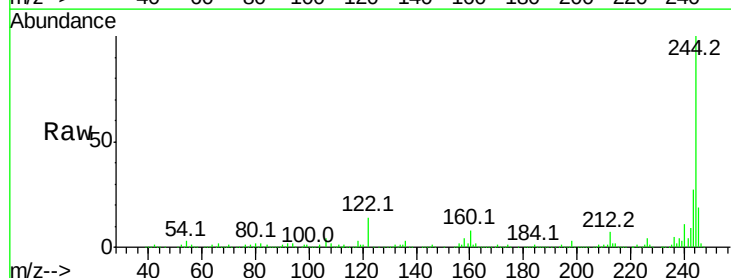
Tgt Ion:244 Resp: 858811

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

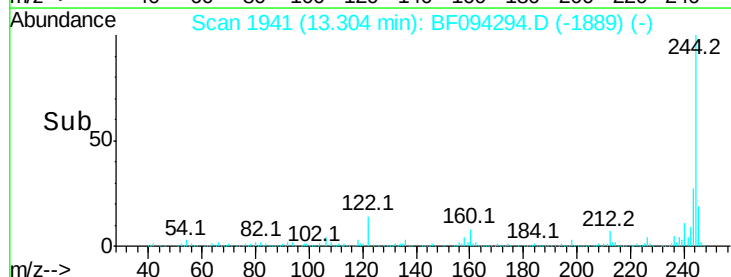
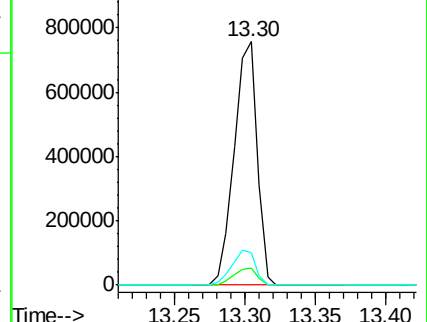
122 13.6 10.3 15.5

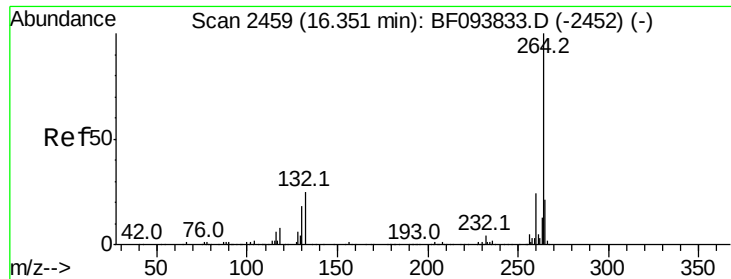


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

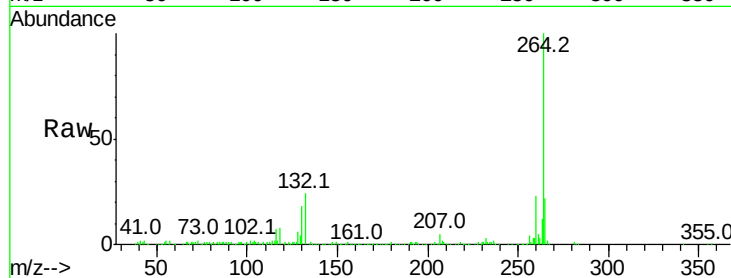




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094294.D
Acq: 8 Apr 2017 2:32

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

Tot Ion:264 Resp: 224896
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 21.8 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

