

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094433.D
 Acq On : 14 Apr 2017 17:29
 Operator : SJ/MA
 Sample : I2677-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:35:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

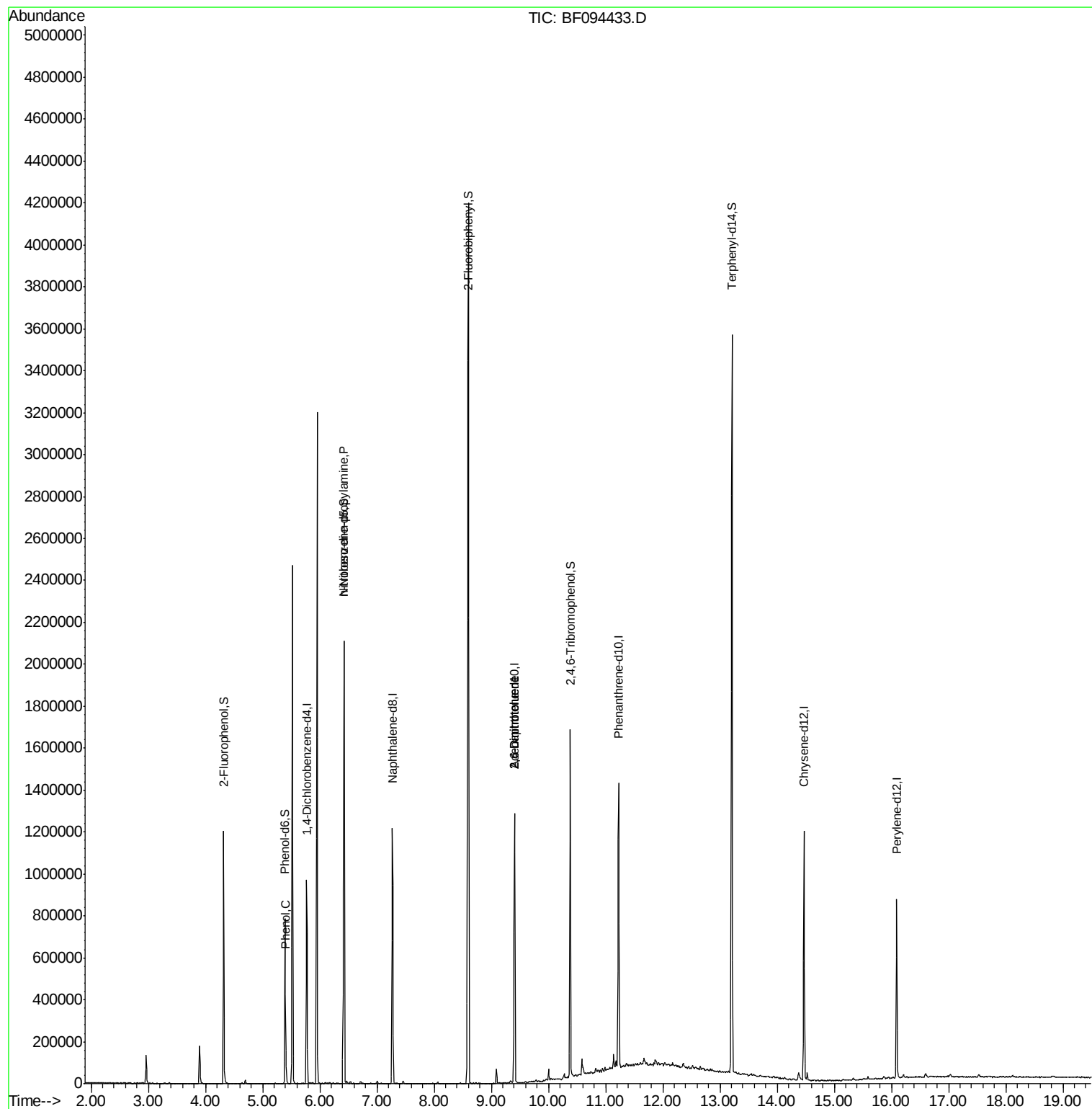
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	152217	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	612685	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	289068	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	540718	20.00	ng	0.00
75) Chrysene-d12	14.47	240	471079	20.00	ng	0.00
86) Perylene-d12	16.09	264	329548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	346649	38.46	ng	0.00
7) Phenol-d6	5.39	99	261891	23.49	ng	-0.01
23) Nitrobenzene-d5	6.42	82	916577	85.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	207129	90.68	ng	-0.01
44) 2-Fluorobiphenyl	8.60	172	1685490	88.93	ng	0.00
78) Terphenyl-d14	13.21	244	1489283	70.86	ng	0.00
Target Compounds						
10) Phenol	5.40	94	26592	2.10	ng	90
19) n-Nitroso-di-n-propylamine	6.42	70	121252	16.92	ng	# 78
50) 2,6-Dinitrotoluene	9.40	165	37274	7.91	ng	# 33
56) 2,4-Dinitrotoluene	9.40	165	37274	6.30	ng	# 33

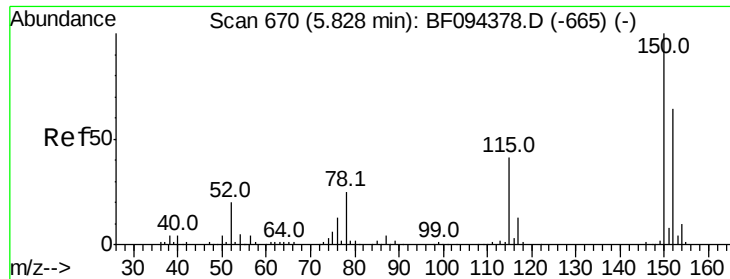
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
Data File : BF094433.D
Acq On : 14 Apr 2017 17:29
Operator : SJ/MA
Sample : I2677-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 14 23:35:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 16:39:08 2017
Response via : Initial Calibration



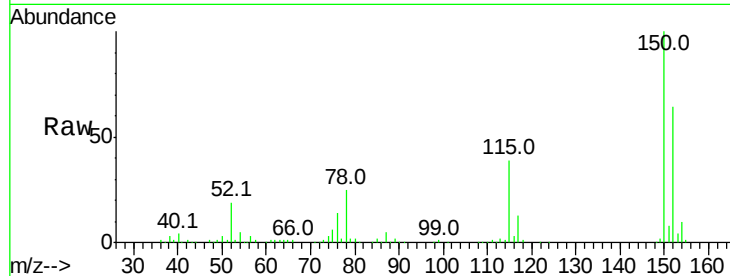


#1

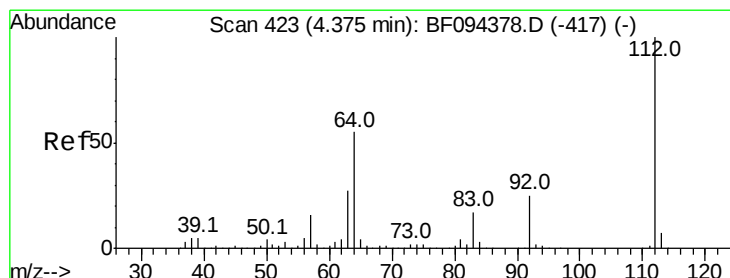
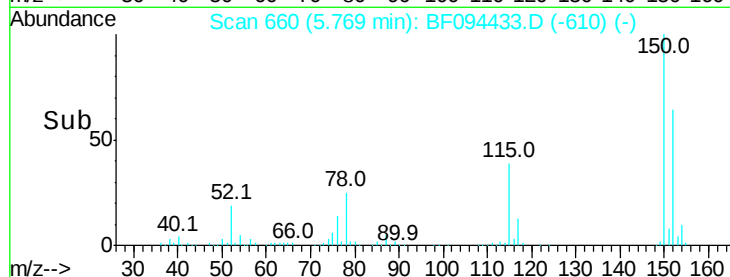
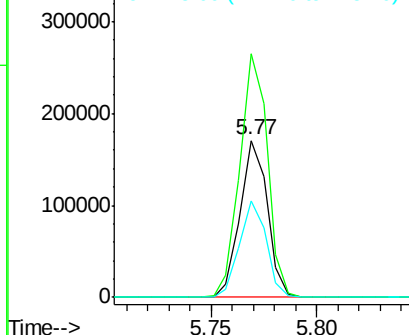
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF094433.D
 Acq: 14 Apr 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 152217
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.2 189.2
 115 61.1 52.2 78.2



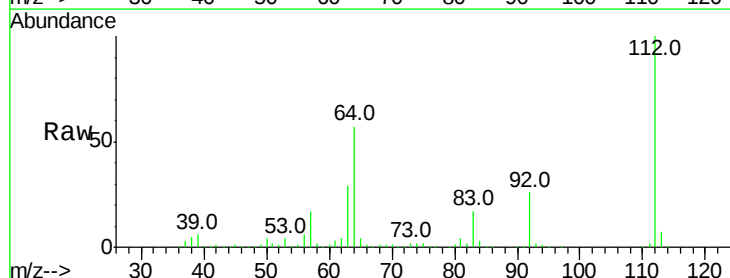
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



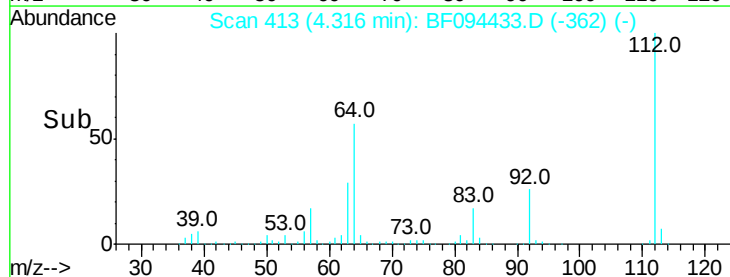
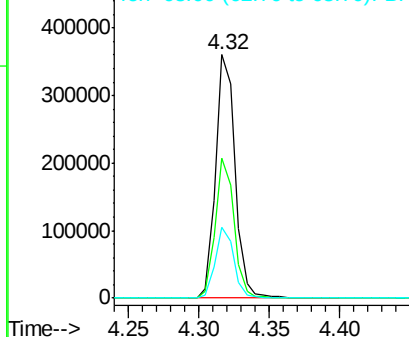
#5

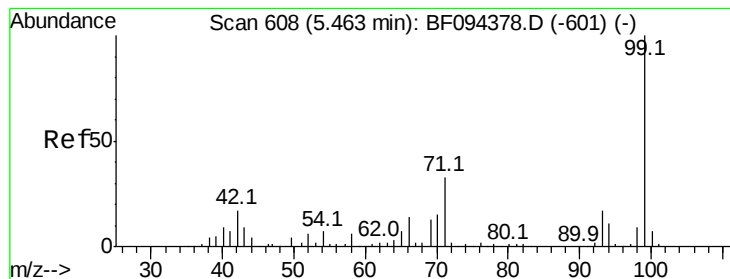
2-Fluorophenol
 Concen: 38.46 ng
 RT: 4.32 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF094433.D
 Acq: 14 Apr 2017 17:29

Tgt Ion:112 Resp: 346649
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.0 69.0
 63 29.2 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: 23.49 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094433.D

Acq: 14 Apr 2017 17:29

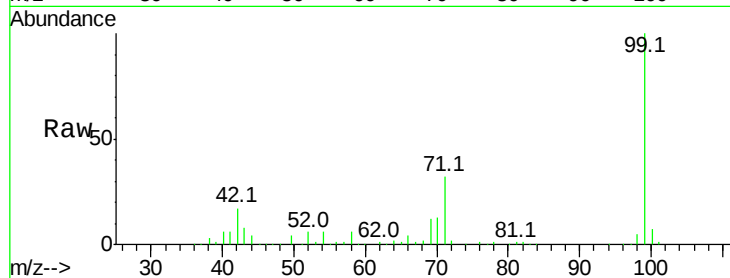
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 261891

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	31.7	24.5	36.7

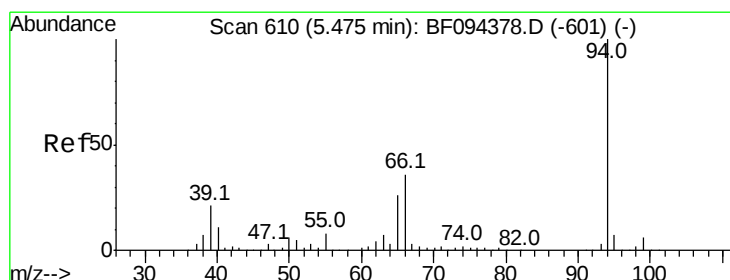
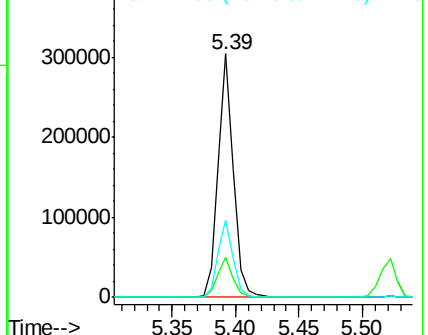
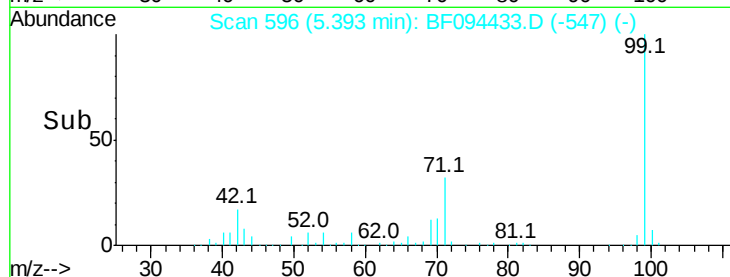


Abundance

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



#10

Phenol

Concen: 2.10 ng

RT: 5.40 min Scan# 598

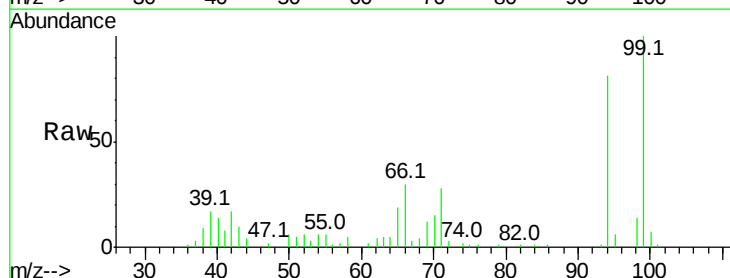
Delta R.T. -0.02 min

Lab File: BF094433.D

Acq: 14 Apr 2017 17:29

Tgt Ion: 94 Resp: 26592

Ion	Ratio	Lower	Upper
94	100		
65	23.9	9.9	49.9
66	36.9	23.1	63.1

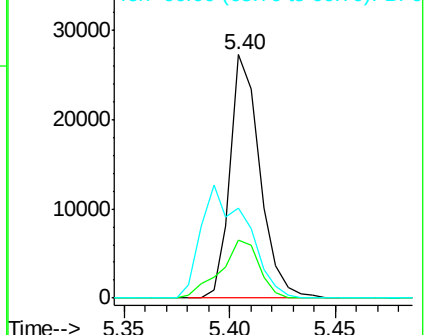
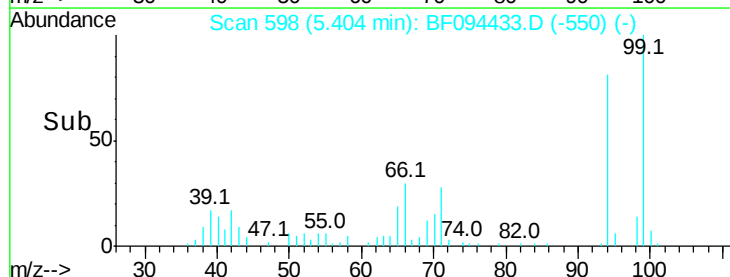


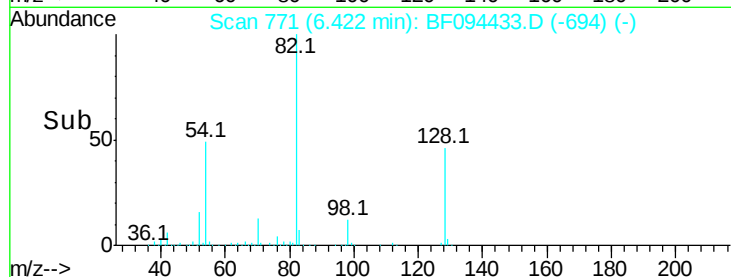
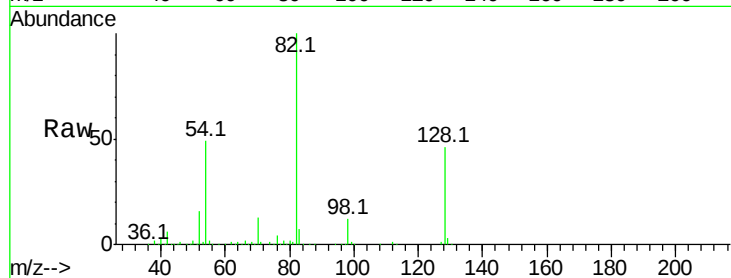
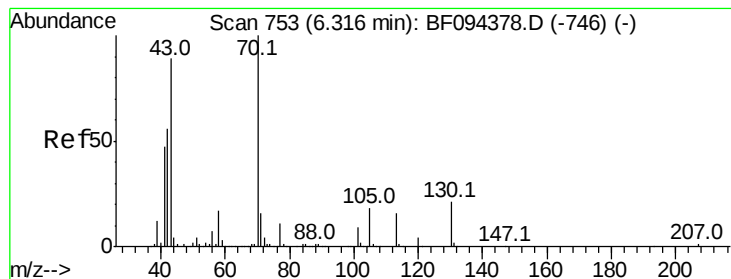
Abundance

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: 16.92 ng

RT: 6.42 min Scan# 771

Delta R.T. 0.15 min

Lab File: BF094433.D

Acq: 14 Apr 2017 17:29

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 121252

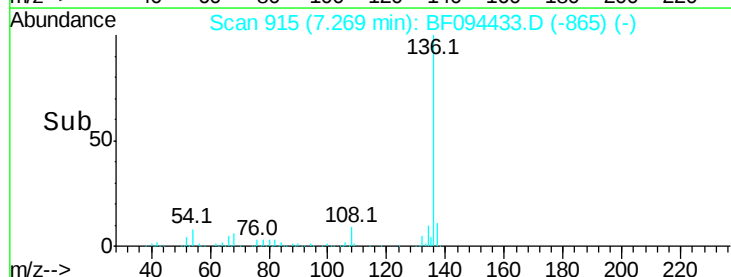
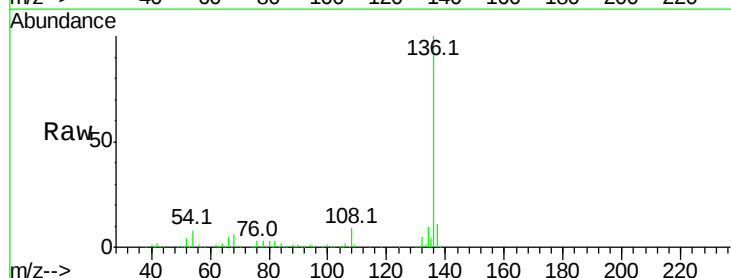
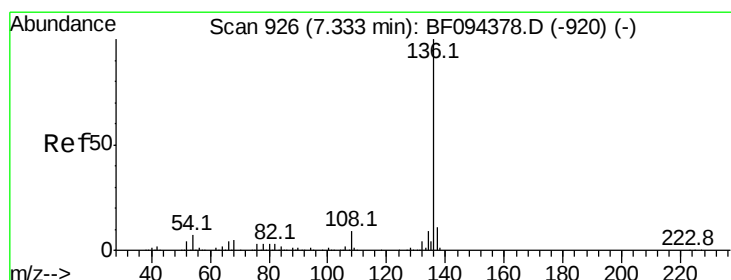
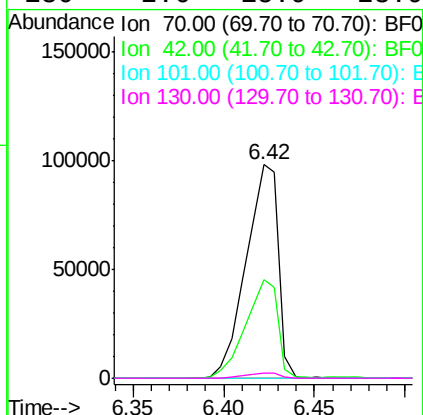
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF094433.D

Acq: 14 Apr 2017 17:29

Tgt Ion:136 Resp: 612685

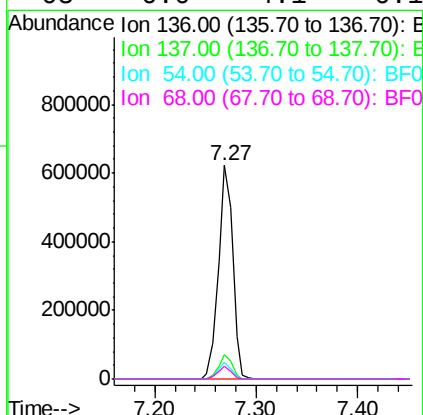
Ion Ratio Lower Upper

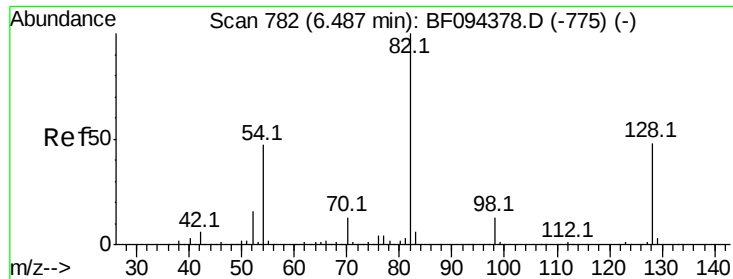
136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 6.0 4.1 6.1

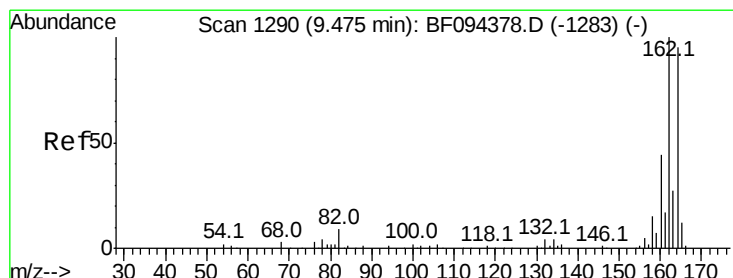
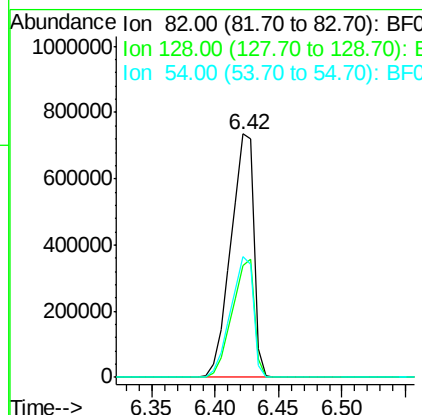
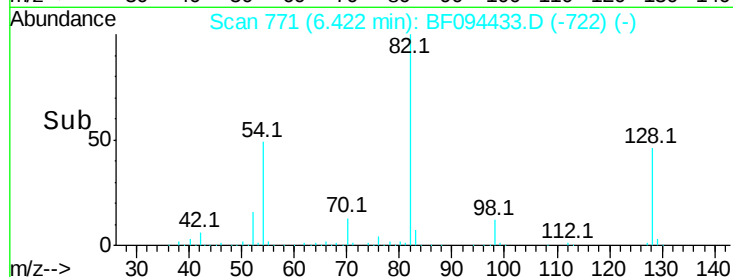
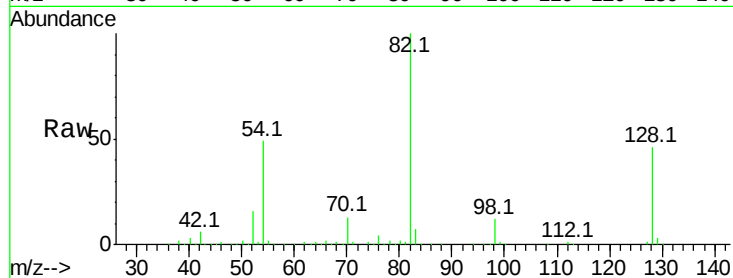




#23
 Nitrobenzene-d5
 Concen: 85.37 ng
 RT: 6.42 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF094433.D
 Acq: 14 Apr 2017 17:29

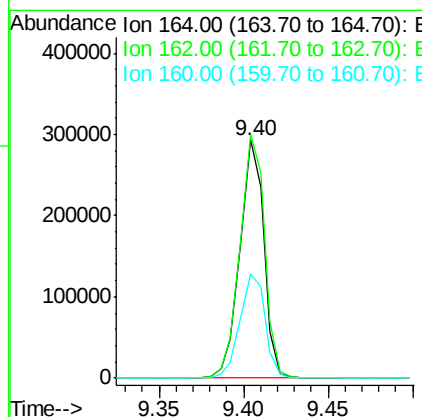
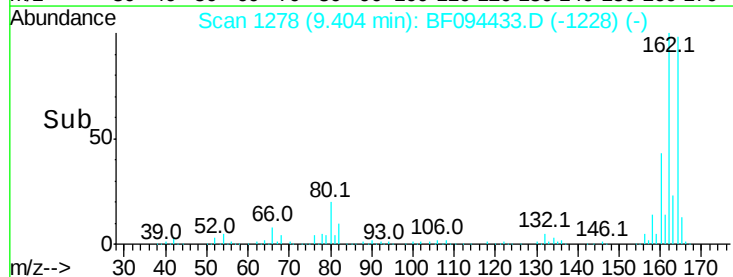
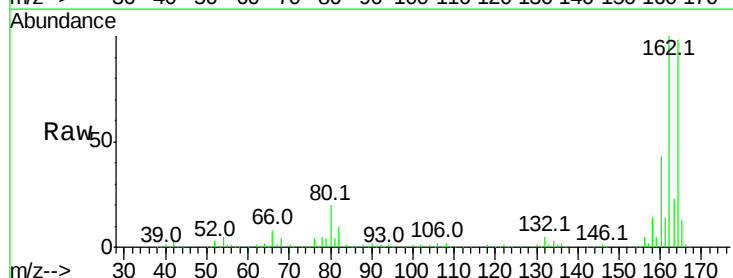
Instrument :
 BNA_F
 ClientSampleID :

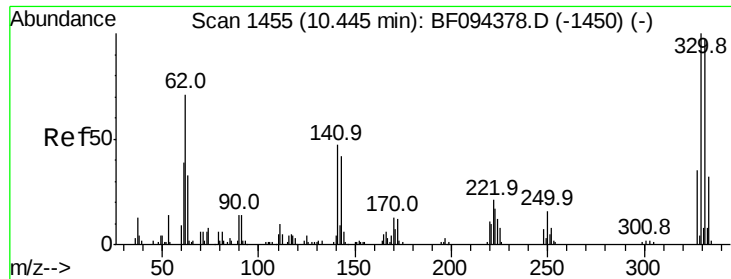
Tot Ion: 82 Resp: 916577
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 49.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF094433.D
 Acq: 14 Apr 2017 17:29

Tgt Ion:164 Resp: 289068
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 43.7 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 90.68 ng

RT: 10.38 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF094433.D

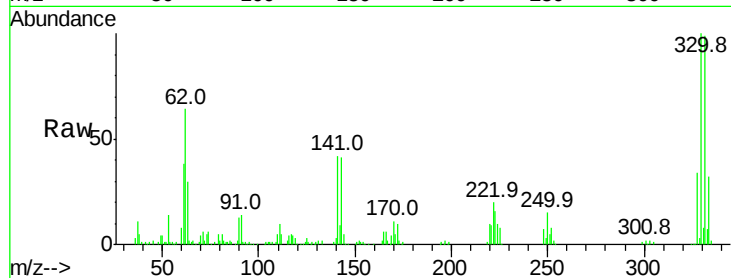
Acq: 14 Apr 2017 17:29

Instrument :

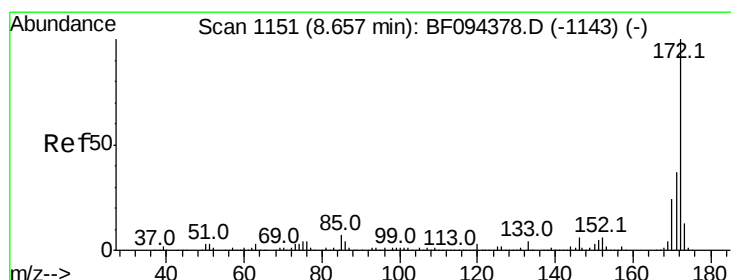
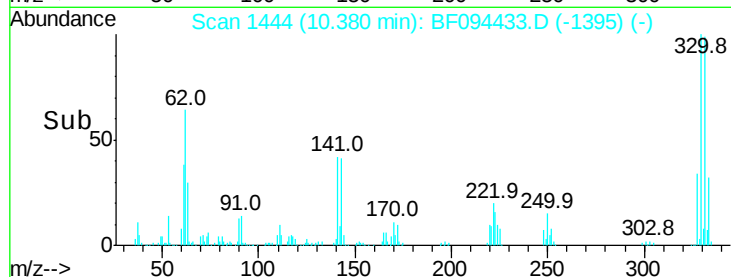
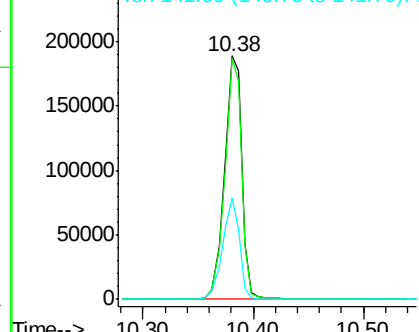
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	207129
Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	40.2	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: 88.93 ng

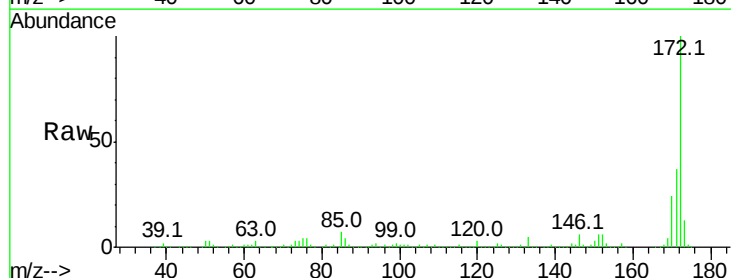
RT: 8.60 min Scan# 1141

Delta R.T. -0.01 min

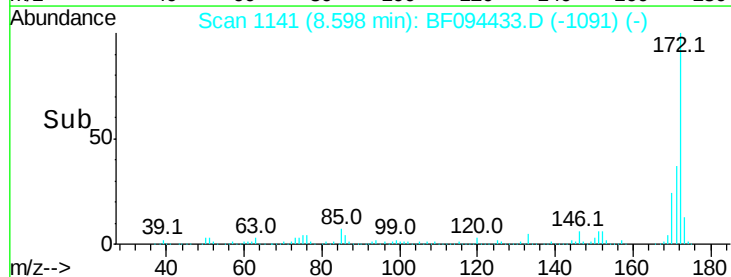
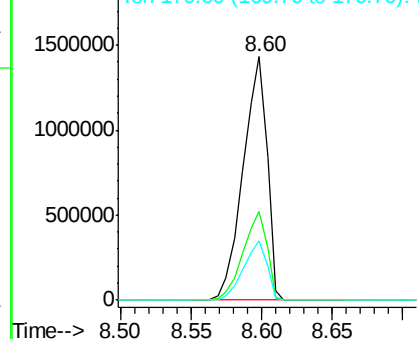
Lab File: BF094433.D

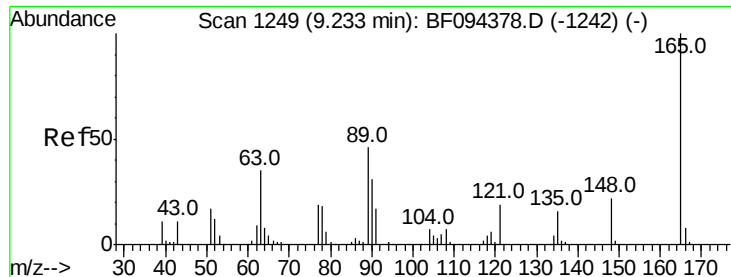
Acq: 14 Apr 2017 17:29

Tgt Ion:	172	Resp:	1685490
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.3	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

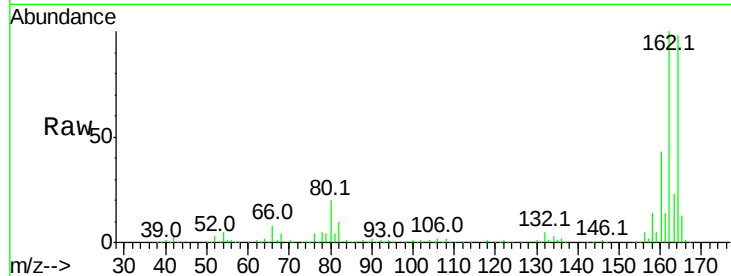




#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. 0.23 min
 Lab File: BF094433.D
 Acq: 14 Apr 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :

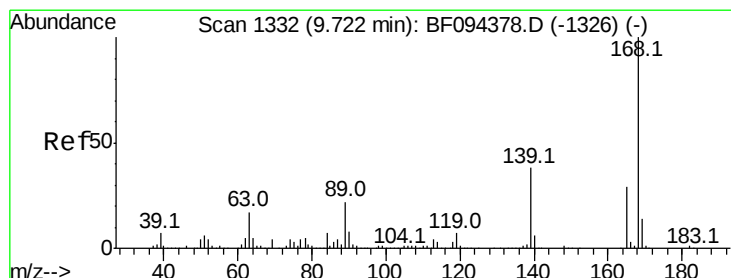
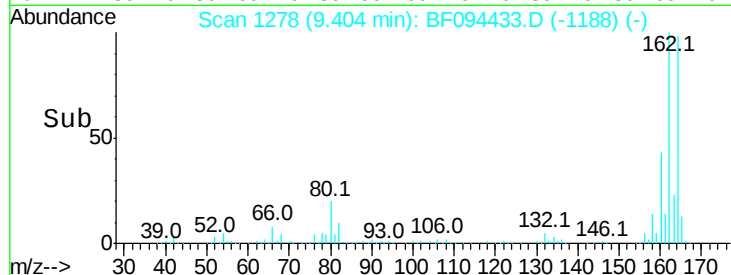
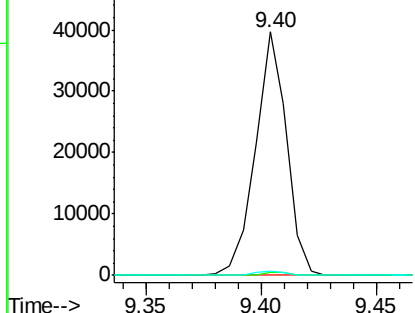
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.6	37.1	55.7#



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: 6.30 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.26 min
 Lab File: BF094433.D
 Acq: 14 Apr 2017 17:29

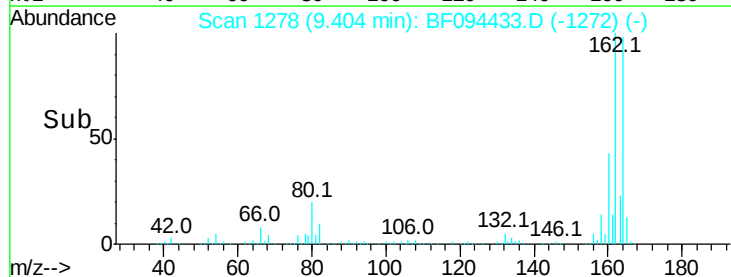
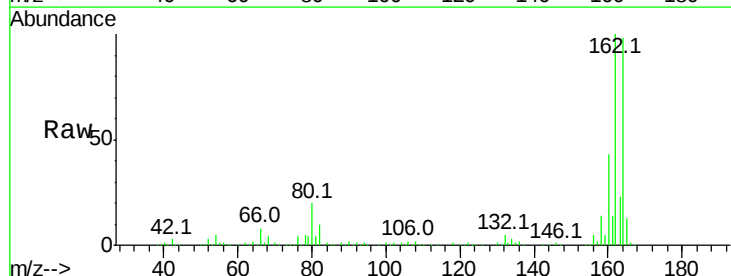
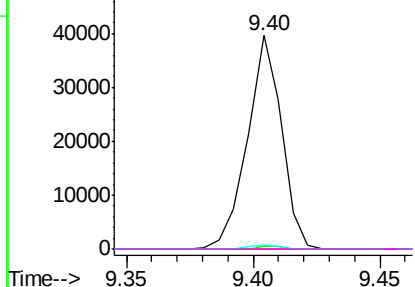
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

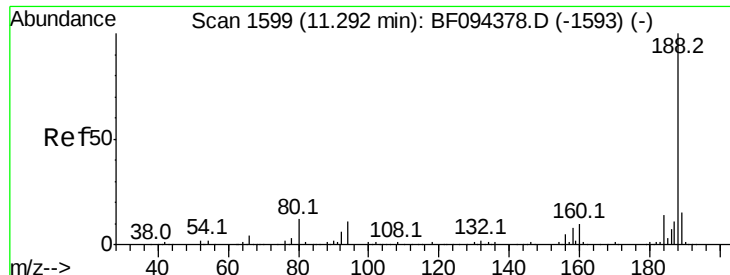
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.23 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF094433.D

Acq: 14 Apr 2017 17:29

Instrument :

BNA_F

ClientSampleId :

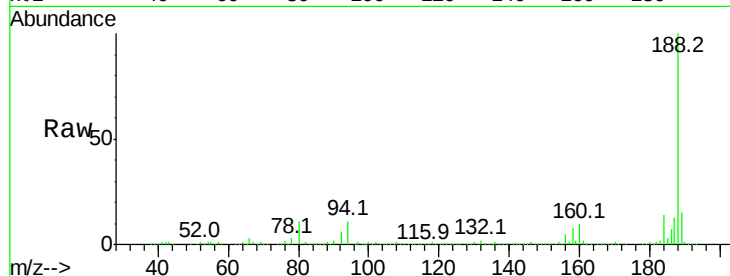
Tot Ion:188 Resp: 540718

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

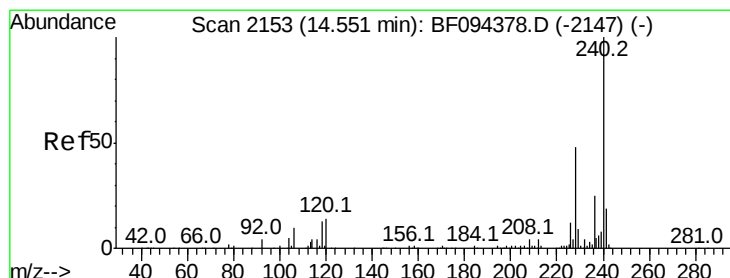
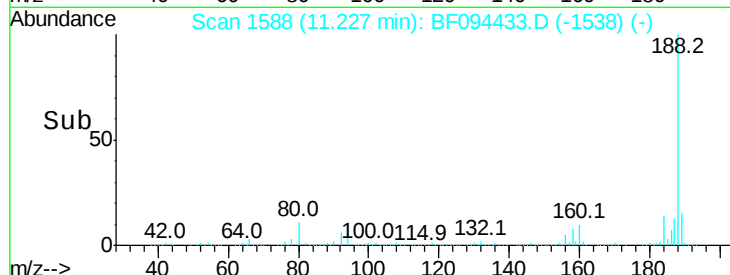
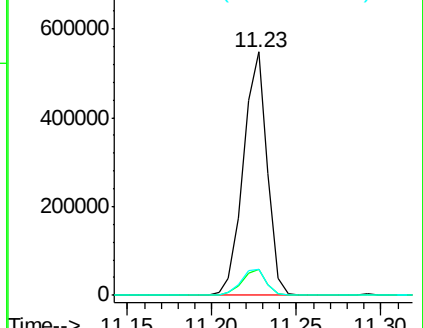
80 10.6 10.2 15.2



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: 14.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF094433.D

Acq: 14 Apr 2017 17:29

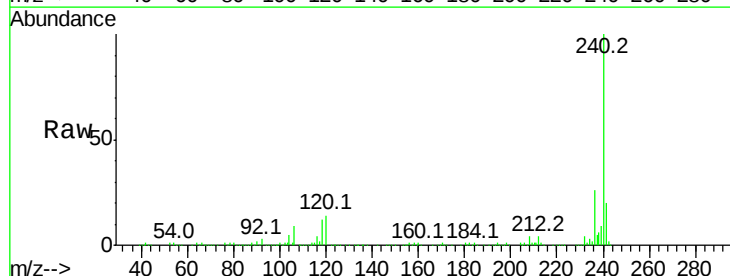
Tgt Ion:240 Resp: 471079

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

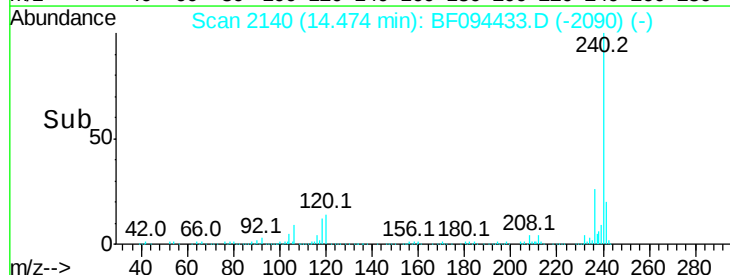
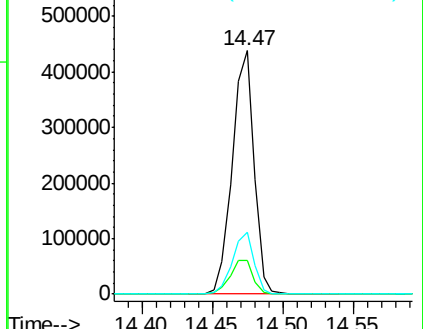
236 25.5 20.5 30.7

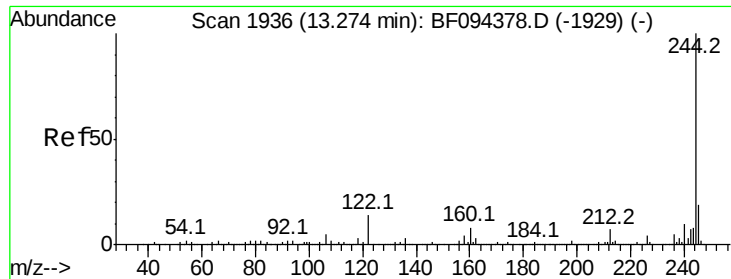


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.86 ng

RT: 13.21 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BF094433.D

Acq: 14 Apr 2017 17:29

Instrument :

BNA_F

ClientSampleId :

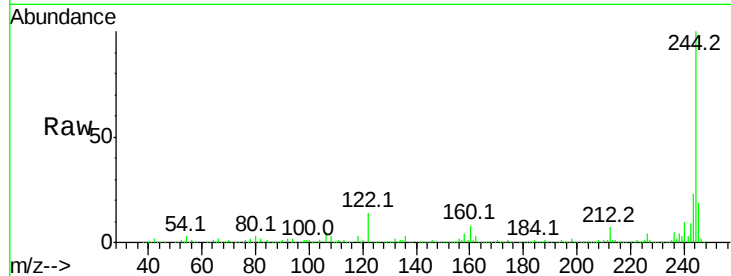
Tot Ion:244 Resp: 1489283

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

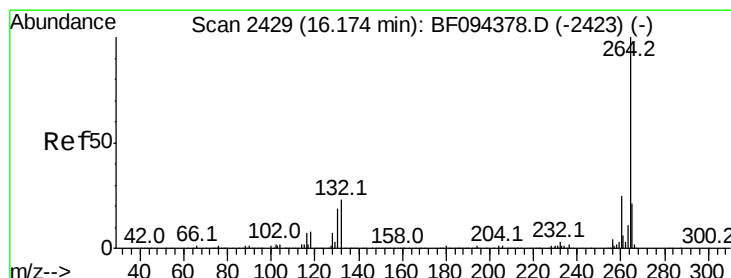
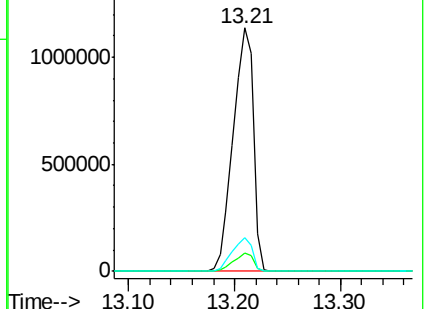
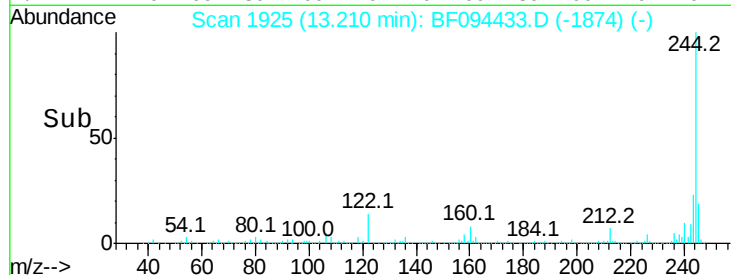
122 13.8 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BF094433.D

Acq: 14 Apr 2017 17:29

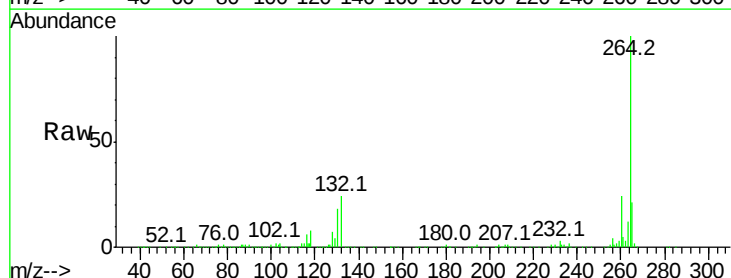
Tgt Ion:264 Resp: 329548

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 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

