

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094436.D
 Acq On : 14 Apr 2017 18:51
 Operator : SJ/MA
 Sample : I2678-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:35:55 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

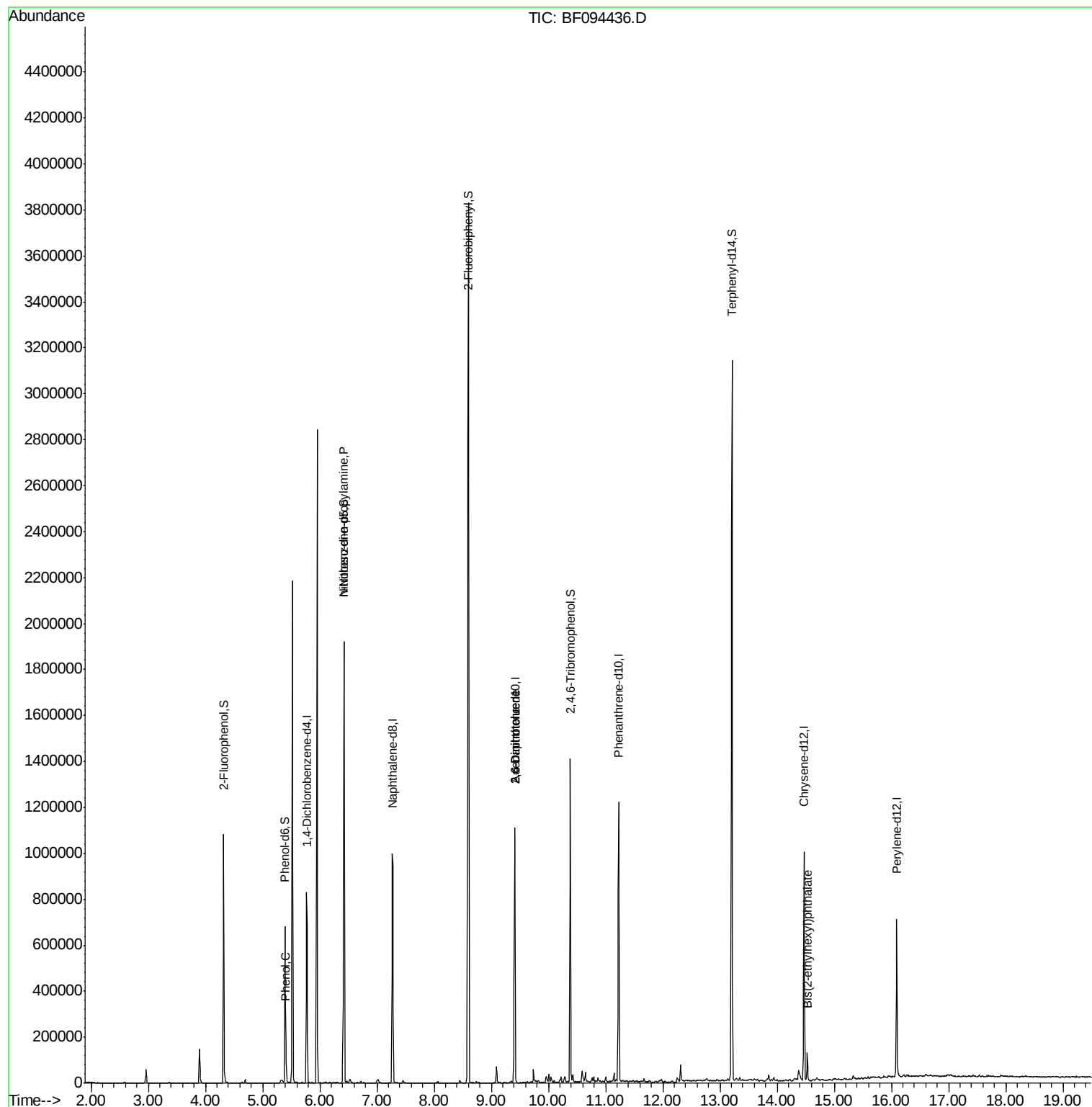
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	134023	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	533635	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	246864	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	462409	20.00	ng	0.00
75) Chrysene-d12	14.47	240	384531	20.00	ng	0.00
86) Perylene-d12	16.09	264	258140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	303670	38.27	ng	0.00
7) Phenol-d6	5.39	99	223412	22.76	ng	-0.01
23) Nitrobenzene-d5	6.42	82	792995	84.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	174501	89.45	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1453998	89.84	ng	0.00
78) Terphenyl-d14	13.21	244	1216996	70.94	ng	0.00
Target Compounds						
10) Phenol	5.41	94	26555	2.38	ng	88
19) n-Nitroso-di-n-propylamine	6.42	70	105492	16.72	ng	# 77
50) 2,6-Dinitrotoluene	9.41	165	31765	7.90	ng	# 34
56) 2,4-Dinitrotoluene	9.41	165	31774	6.29	ng	# 33
83) Bis(2-ethylhexyl)phthalate	14.53	149	37500	2.31	ng	# 97

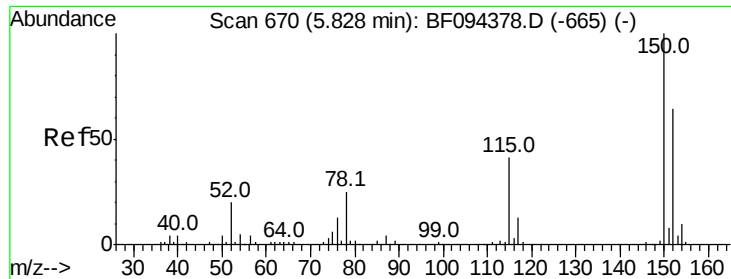
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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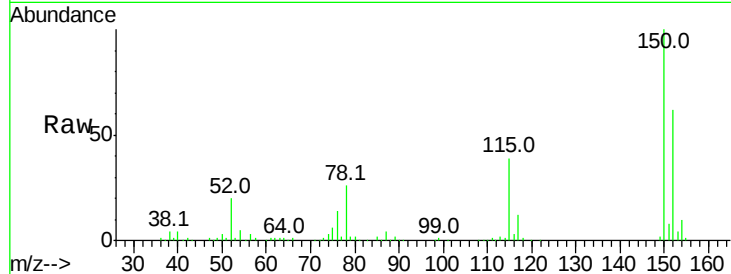


#1

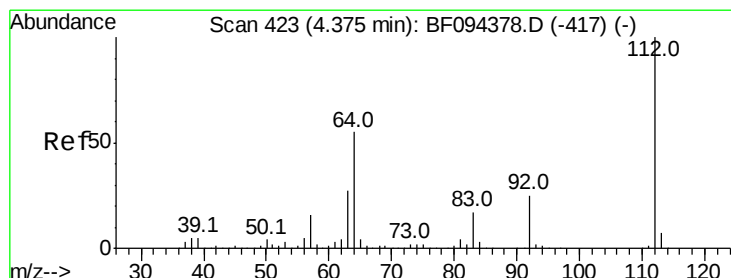
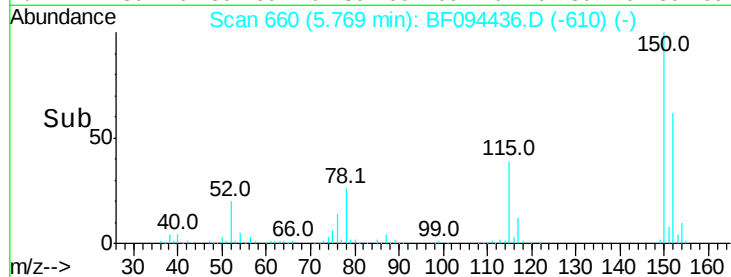
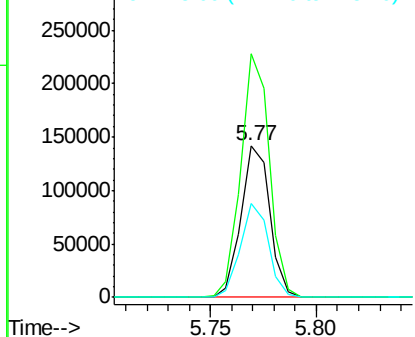
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134023
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 62.2 52.2 78.2



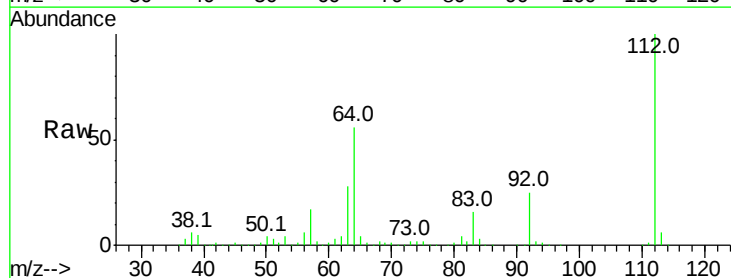
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



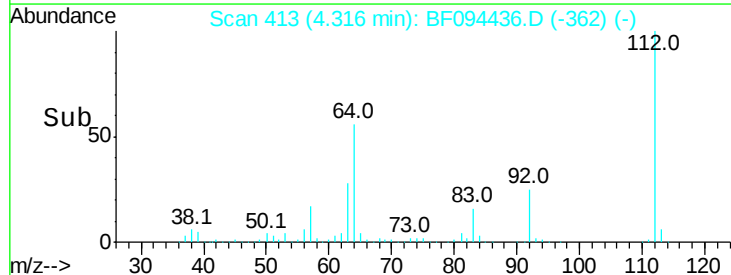
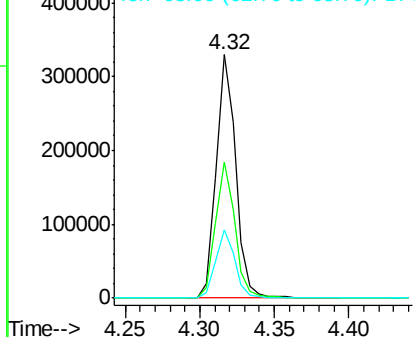
#5

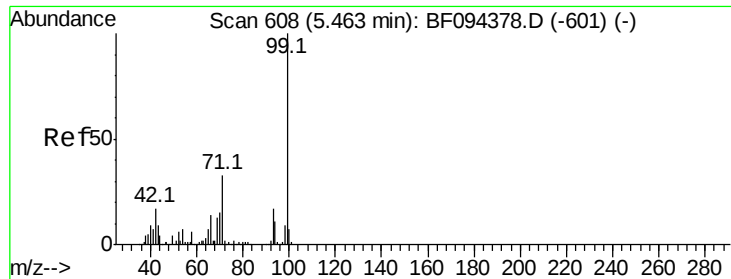
2-Fluorophenol
Concen: 38.27 ng
RT: 4.32 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Tgt Ion:112 Resp: 303670
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 28.2 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: 22.76 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Instrument :

BNA_F

ClientSampled :

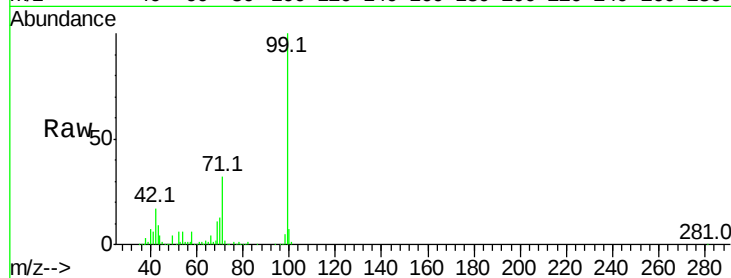
Tot Ion: 99 Resp: 223412

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

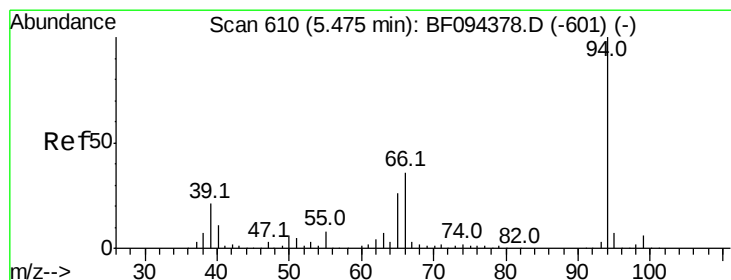
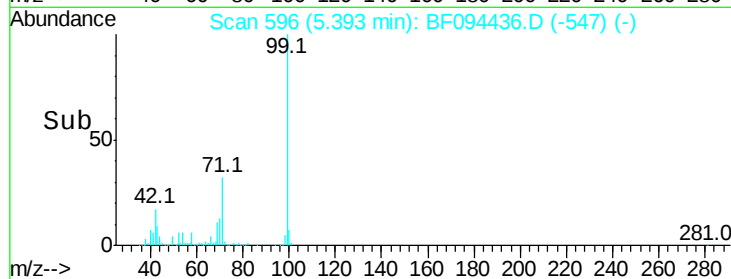
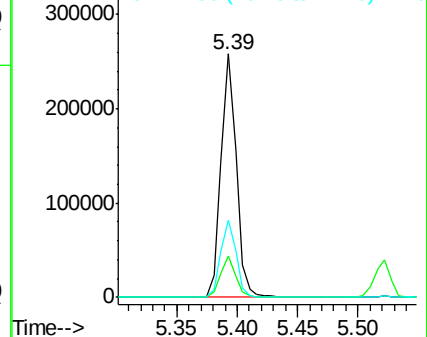
71 31.8 24.5 36.7



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: 2.38 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

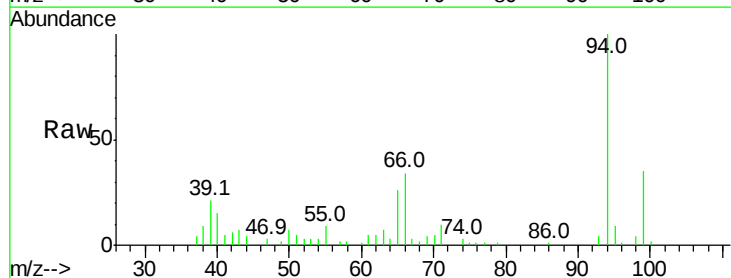
Tgt Ion: 94 Resp: 26555

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

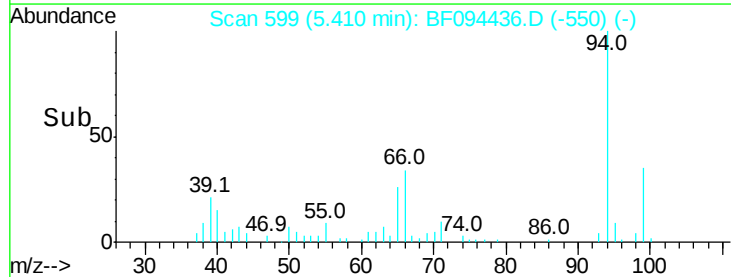
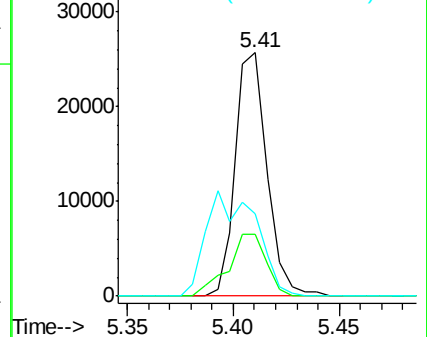
66 33.8 23.1 63.1

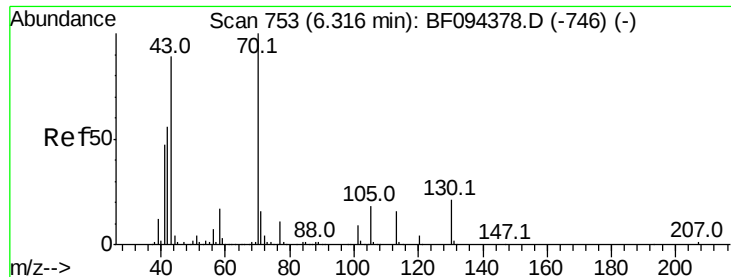


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 16.72 ng

RT: 6.42 min Scan# 771

Delta R.T. 0.15 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 105492

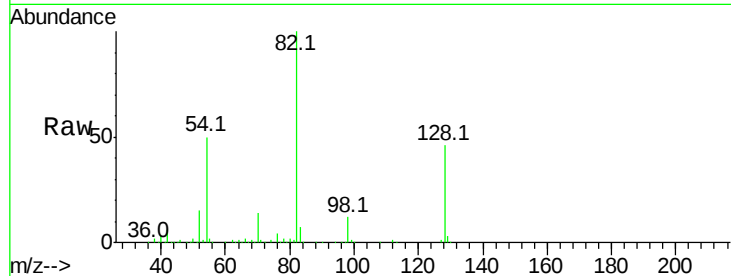
Ion Ratio Lower Upper

70 100

42 46.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

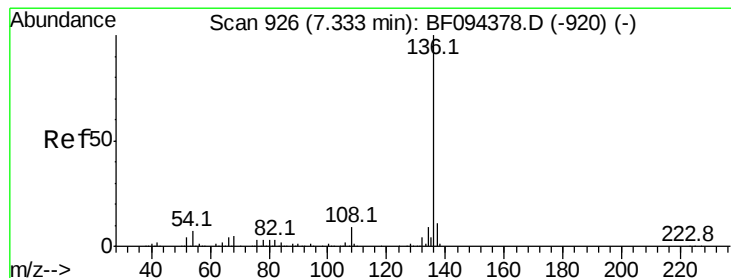
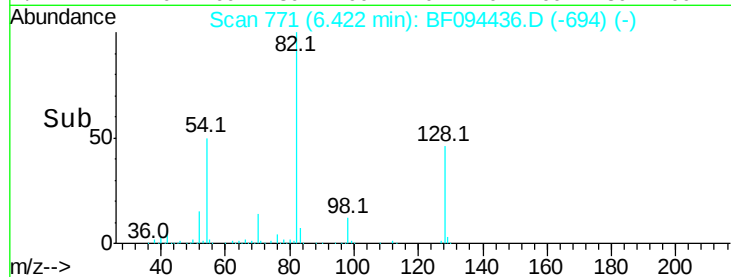
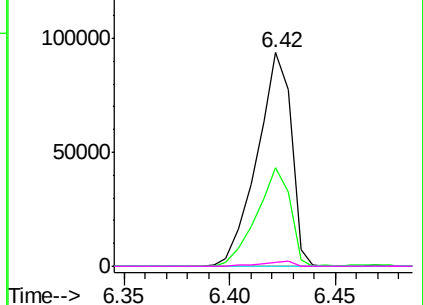


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Tgt Ion:136 Resp: 533635

Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.9 4.9 7.3#

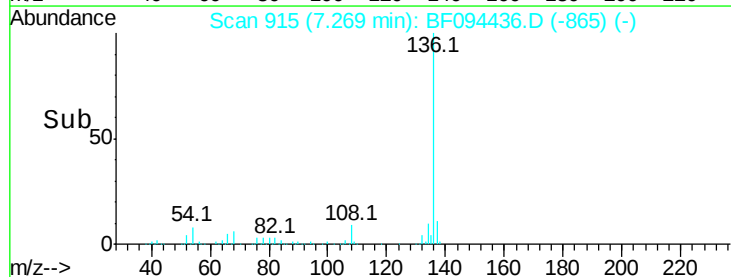
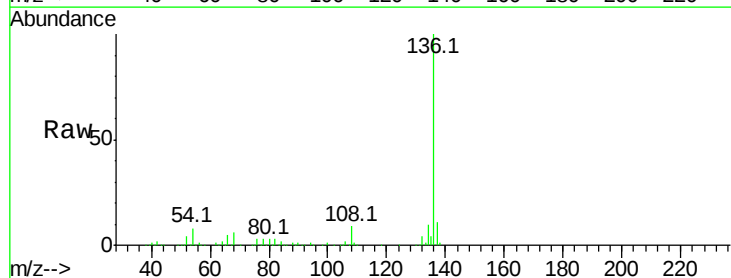
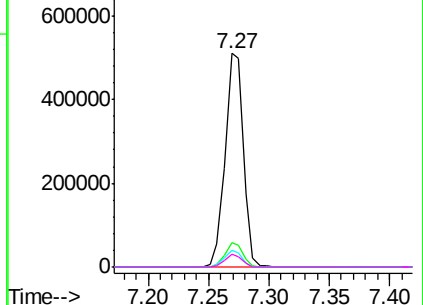
68 6.0 4.1 6.1

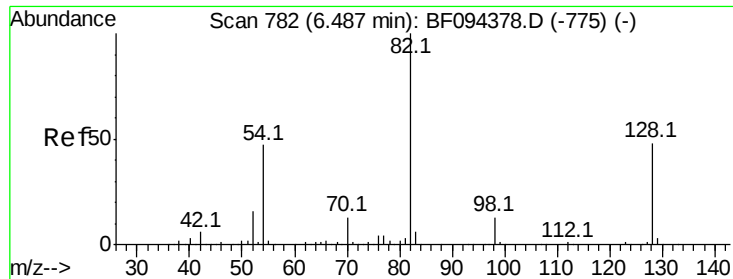
Abundance Ion 136.00 (135.70 to 136.70): E

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

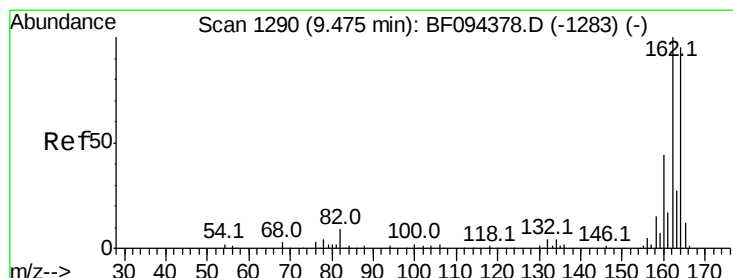
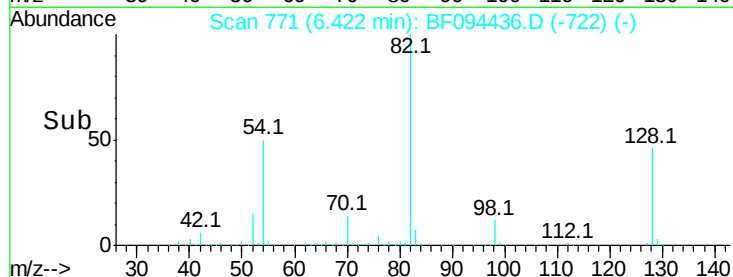
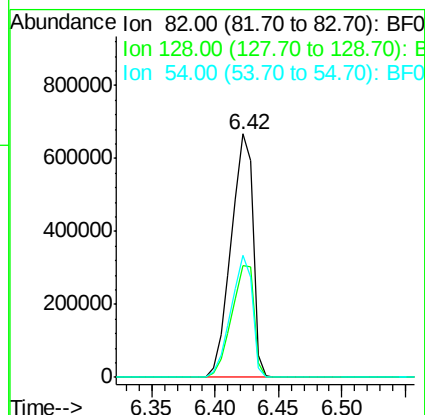
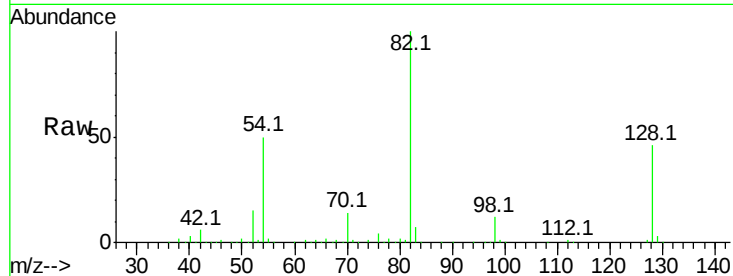




#23
Nitrobenzene-d5
Concen: 84.81 ng
RT: 6.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

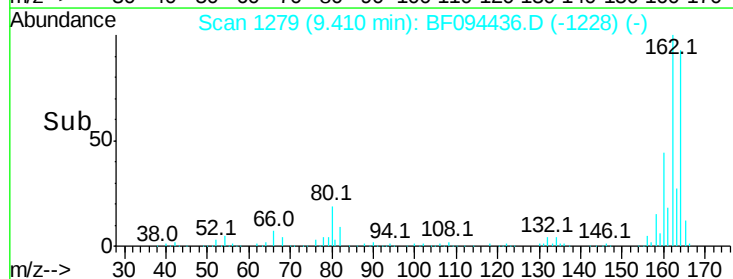
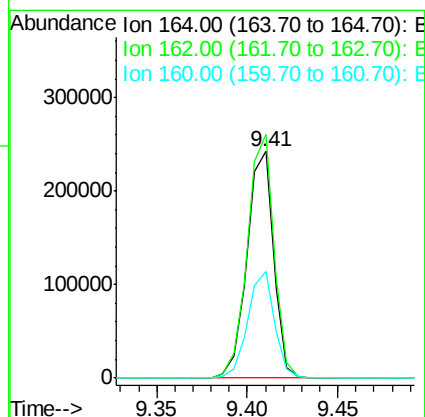
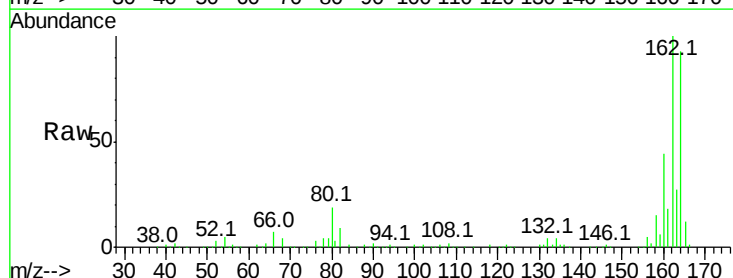
Instrument :
BNA_F
ClientSampled :

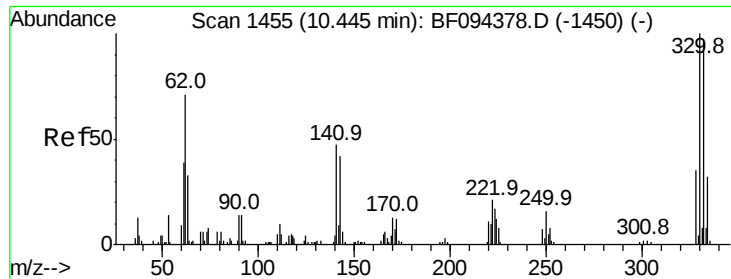
Tot Ion: 82 Resp: 792995
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 50.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.41 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Tgt Ion:164 Resp: 246864
Ion Ratio Lower Upper
164 100
162 107.5 82.6 123.8
160 47.3 36.2 54.2

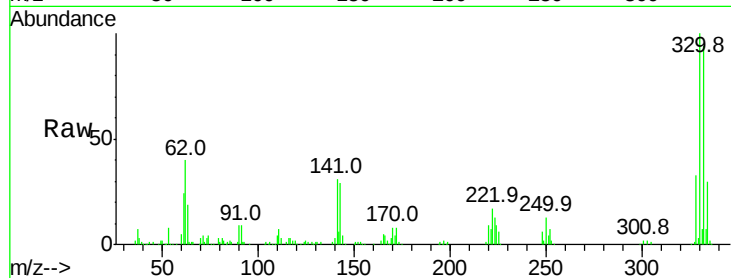




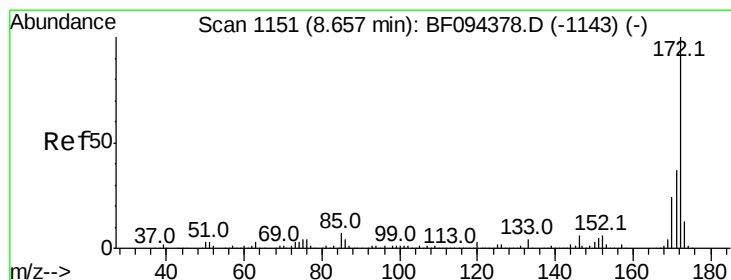
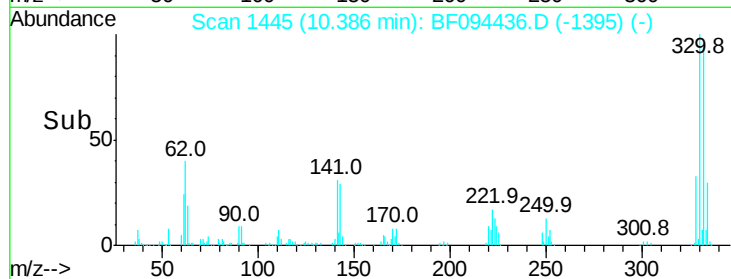
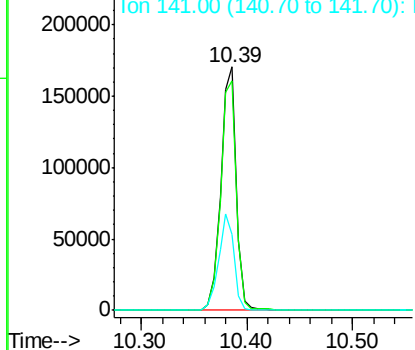
#41
 2,4,6-Tribromophenol
 Concen: 89.45 ng
 RT: 10.39 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF094436.D
 Acq: 14 Apr 2017 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 174501
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.9 31.4 47.2

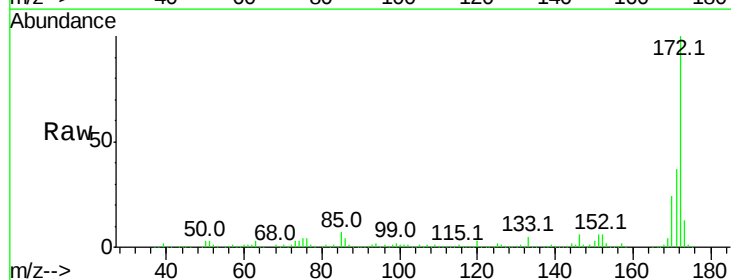


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

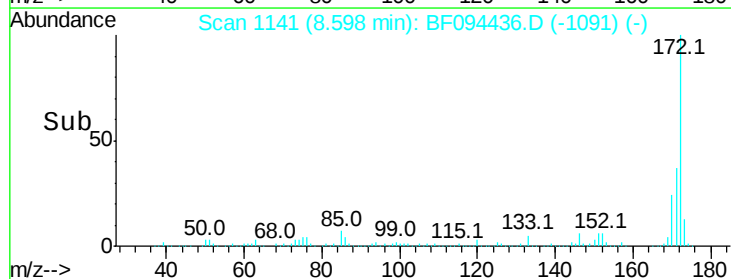
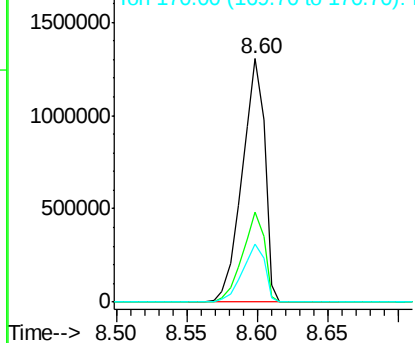


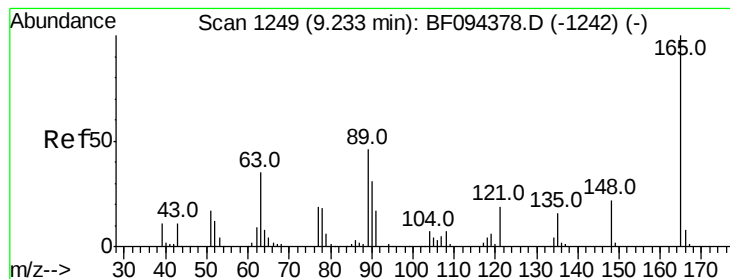
#44
 2-Fluorobiphenyl
 Concen: 89.84 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094436.D
 Acq: 14 Apr 2017 18:51

Tgt Ion:172 Resp: 1453998
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.8 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: 7.90 ng

RT: 9.41 min Scan# 1279

Delta R.T. 0.24 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Instrument :

BNA_F

ClientSampleId :

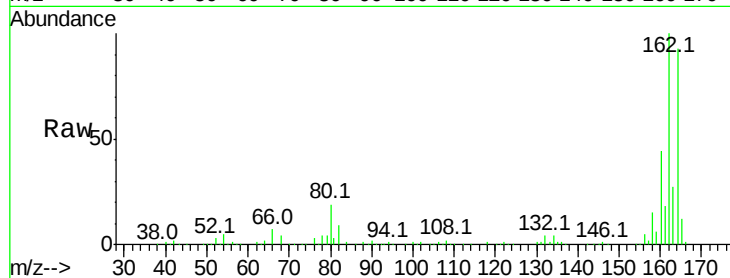
Tot Ion:165 Resp: 31765

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

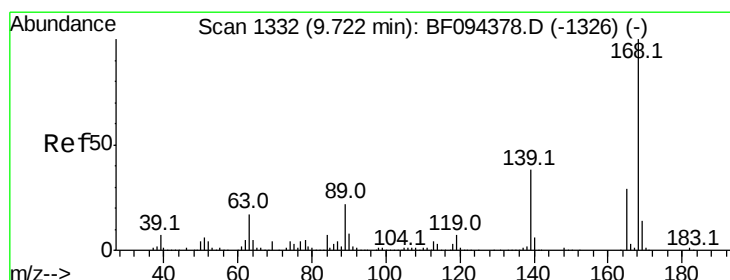
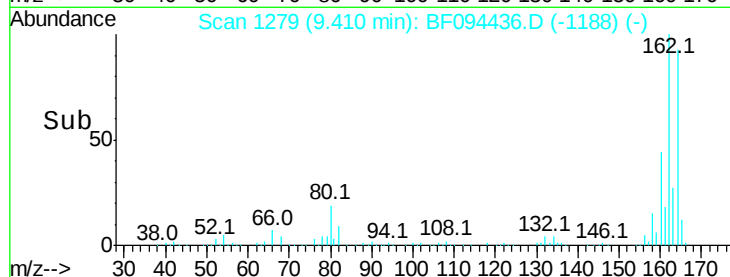
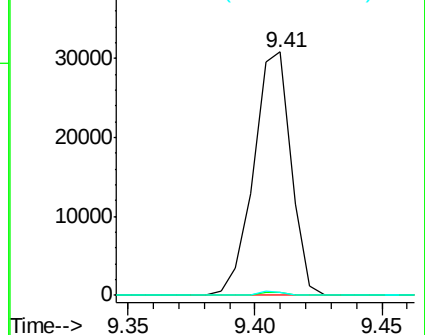
89 1.4 37.1 55.7#



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: 6.29 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.26 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Tgt Ion:165 Resp: 31774

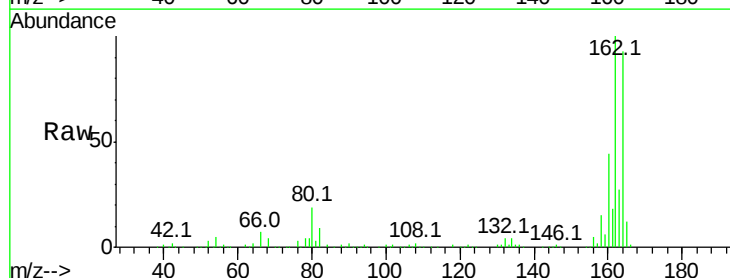
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

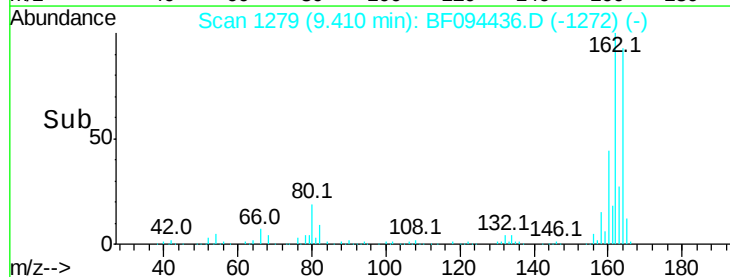
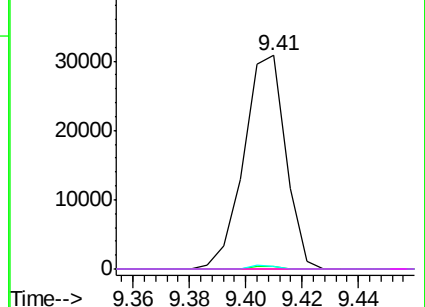


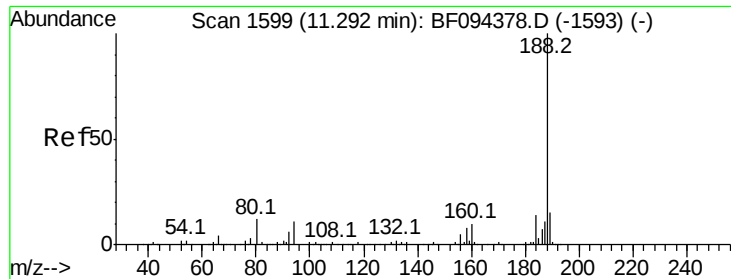
Abundance Ion 165.00 (164.70 to 165.70): E

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

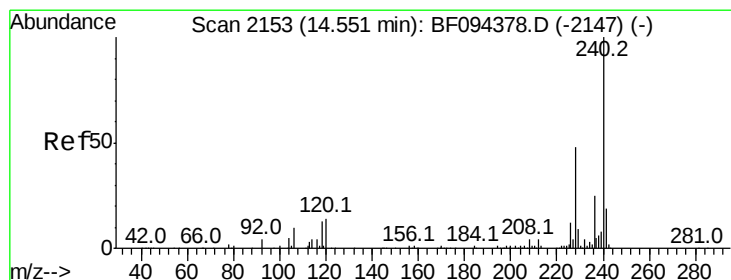
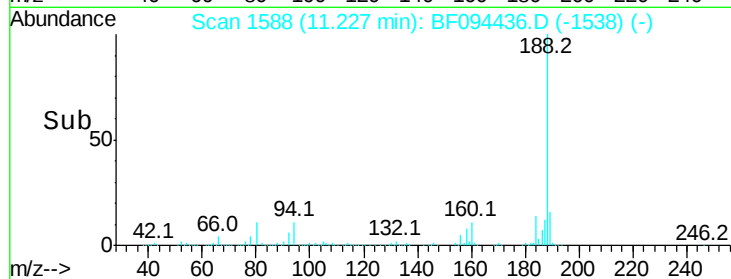
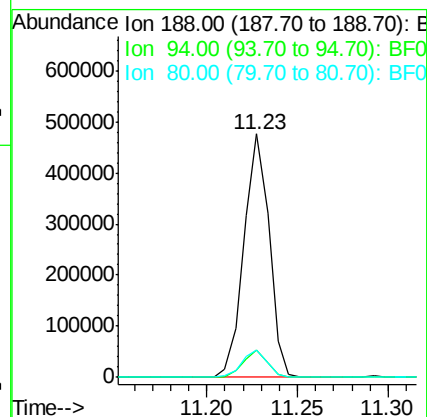
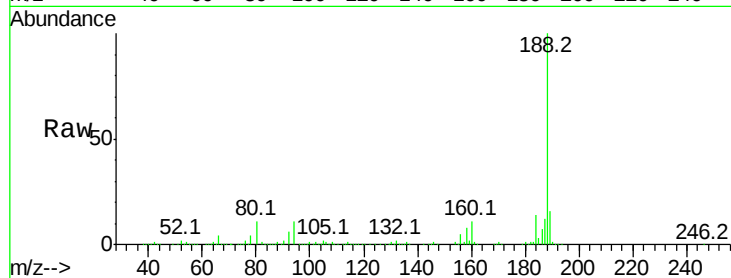




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

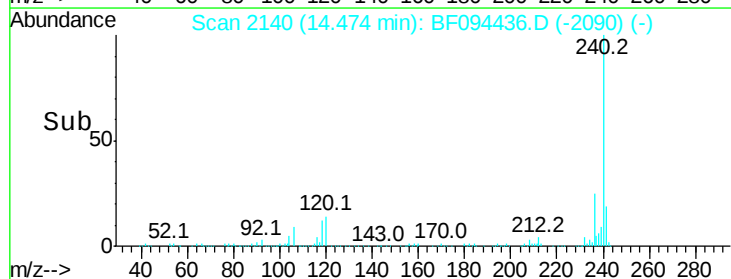
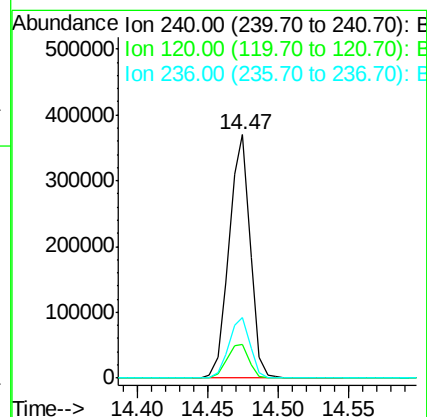
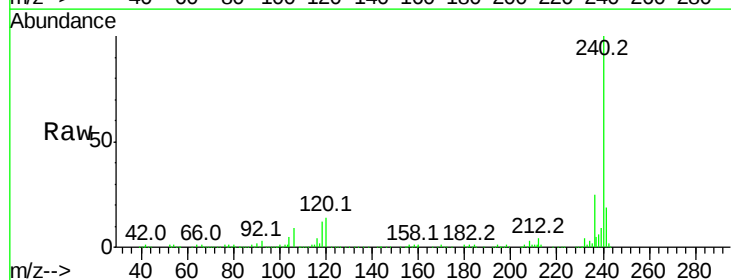
Instrument :
BNA_F
ClientSampleId :

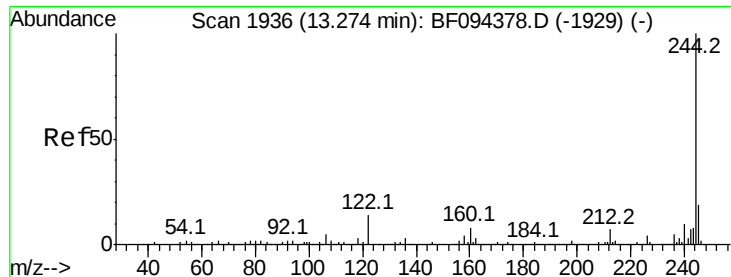
Tot Ion:188 Resp: 462409
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Tgt Ion:240 Resp: 384531
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 25.0 20.5 30.7

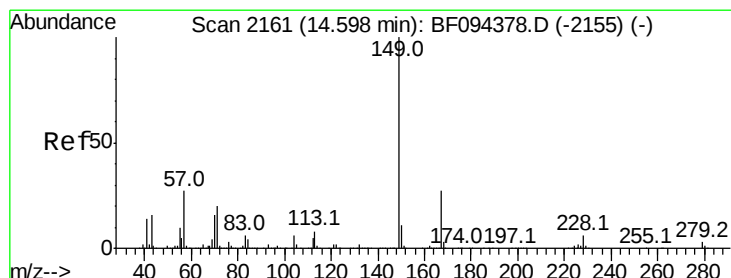
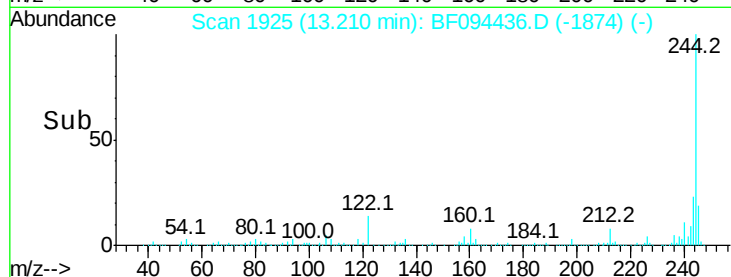
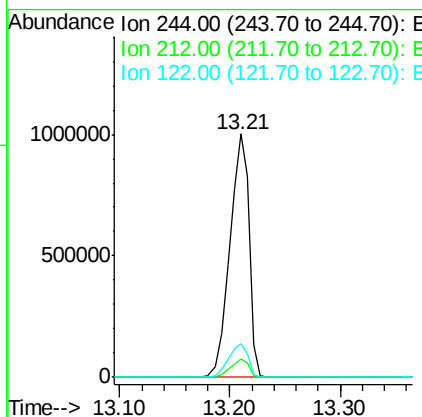
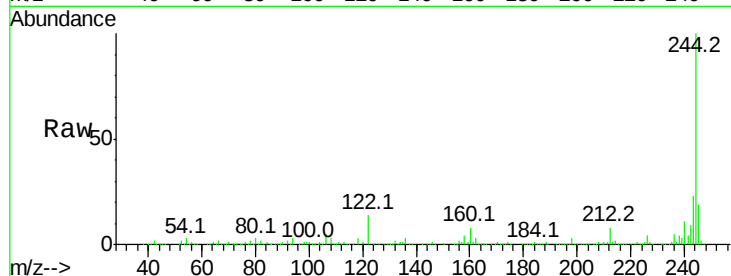




#78
 Terphenyl-d14
 Concen: 70.94 ng
 RT: 13.21 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BF094436.D
 Acq: 14 Apr 2017 18:51

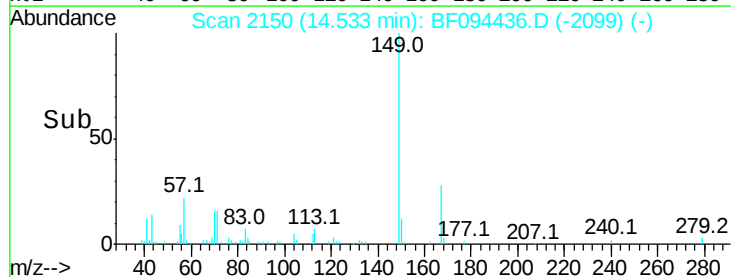
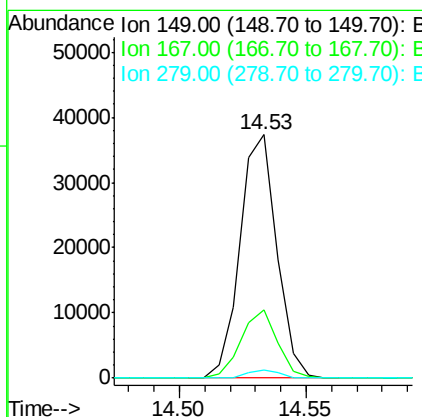
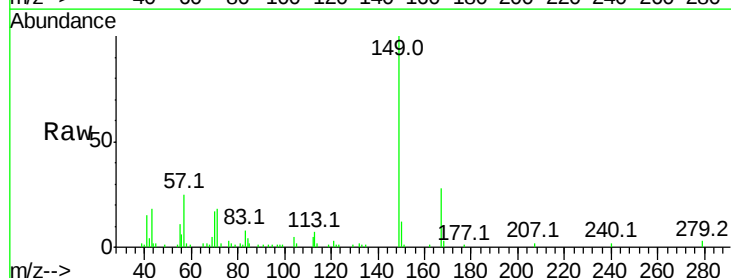
Instrument :
 BNA_F
 ClientSampleId :

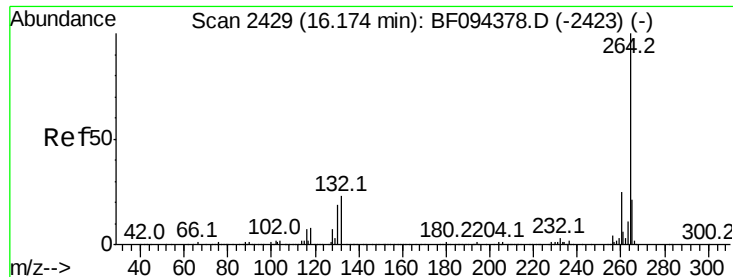
Tot Ion:244 Resp: 1216996
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.9 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.31 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BF094436.D
 Acq: 14 Apr 2017 18:51

Tgt Ion:149 Resp: 37500
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.0 31.4
 279 3.1 1.9 2.9#

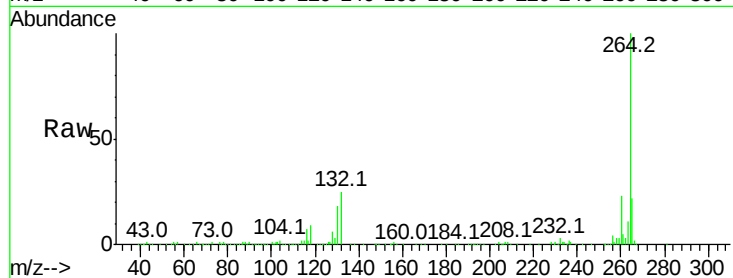




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 258140
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.6 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

