

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094613.D
 Acq On : 25 Apr 2017 18:53
 Operator : SJ/MA
 Sample : I2824-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:26:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

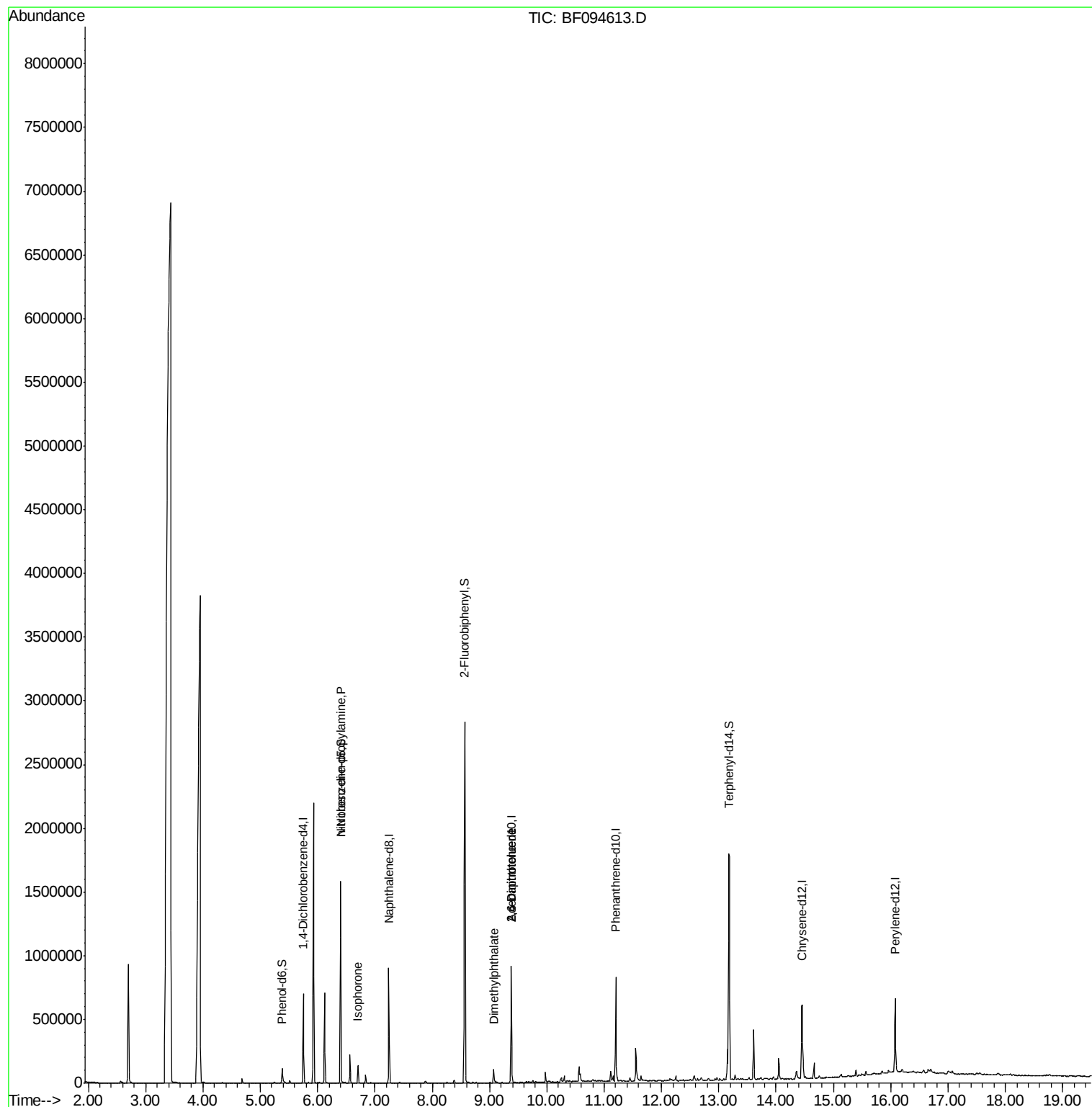
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	118696	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	473233	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	201077	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	326832	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	242731	20.00	ng	-0.01
86) Perylene-d12	16.08	264	226996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	2798	0.39	ng	0.03
7) Phenol-d6	5.38	99	57851	6.86	ng	0.00
23) Nitrobenzene-d5	6.40	82	545336	71.16	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.57	172	1030197	75.38	ng	-0.02
78) Terphenyl-d14	13.18	244	670762	73.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	70701	12.65	ng	# 76
25) Isophorone	6.71	82	63517	4.47	ng	95
49) Dimethylphthalate	9.07	163	53182	3.55	ng	98
50) 2,6-Dinitrotoluene	9.38	165	26031	7.74	ng	# 33
56) 2,4-Dinitrotoluene	9.38	165	26031	6.31	ng	# 32

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

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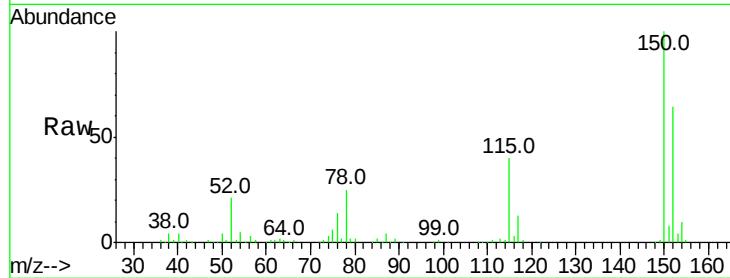


#1

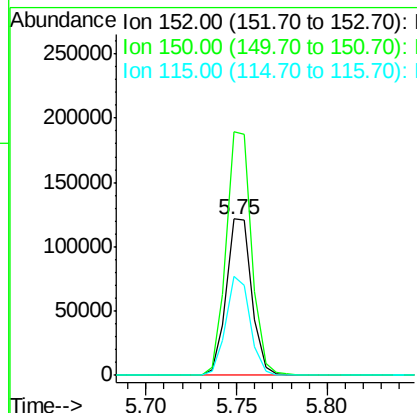
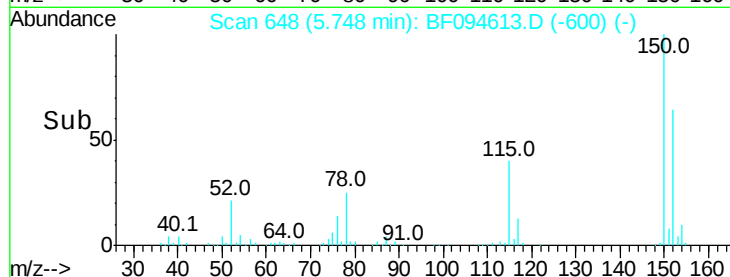
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118696
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 63.0 52.2 78.2



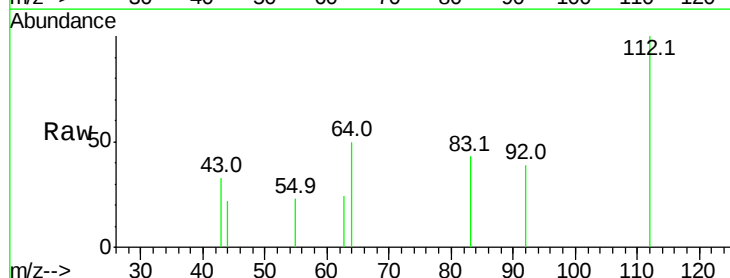
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



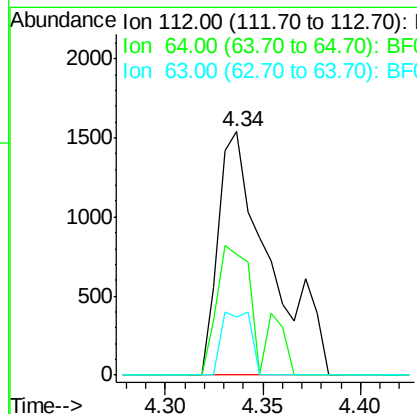
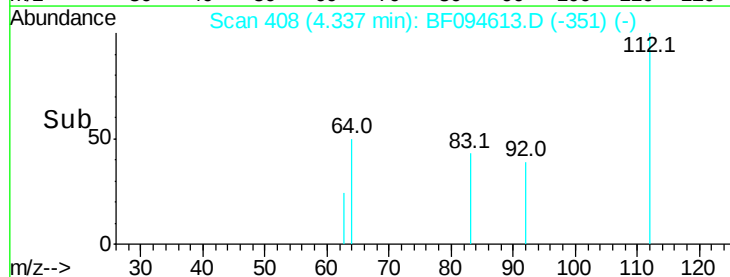
#5

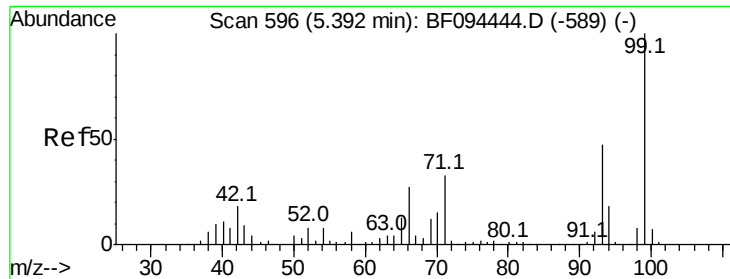
2-Fluorophenol
Concen: 0.39 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:112 Resp: 2798
Ion Ratio Lower Upper
112 100
64 49.7 46.0 69.0
63 24.0 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: 6.86 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

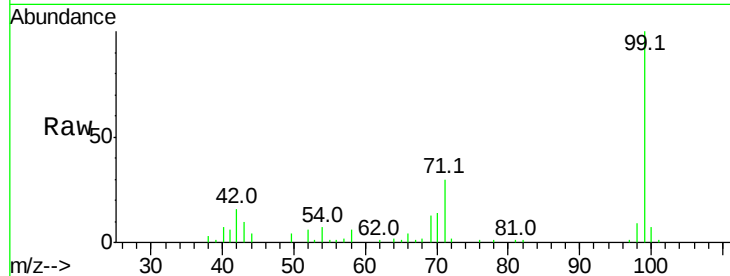
Tot Ion: 99 Resp: 57851

Ion Ratio Lower Upper

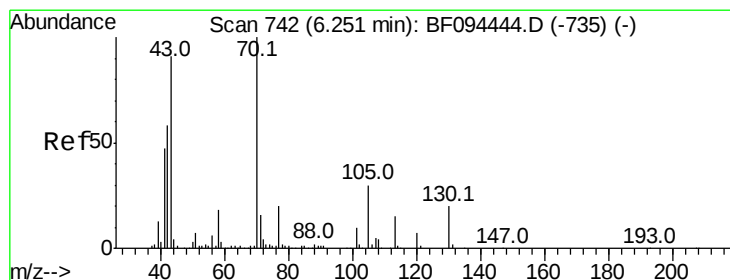
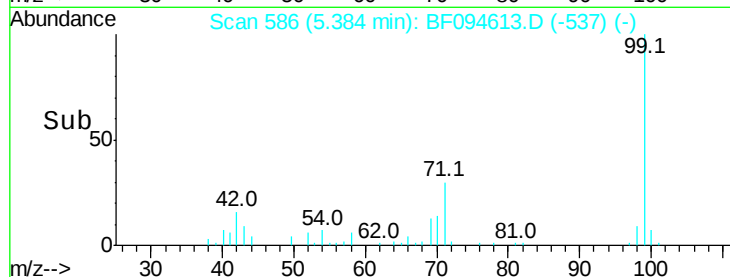
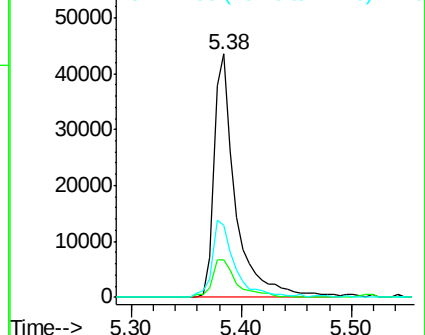
99 100

42 15.5 13.5 20.3

71 29.5 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: 12.65 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Tgt Ion: 70 Resp: 70701

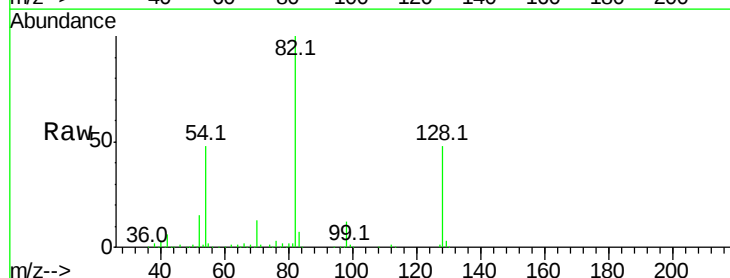
Ion Ratio Lower Upper

70 100

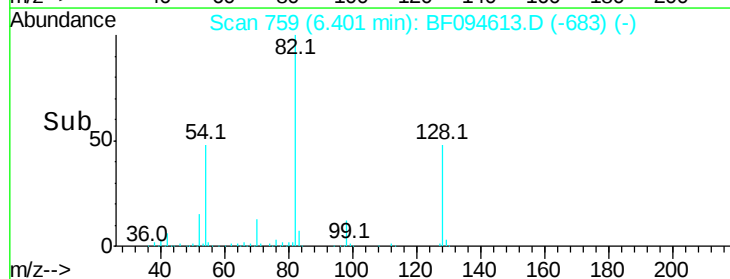
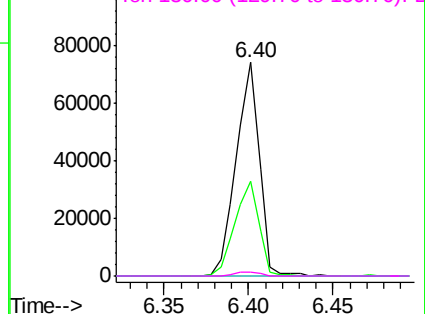
42 44.5 47.2 70.8#

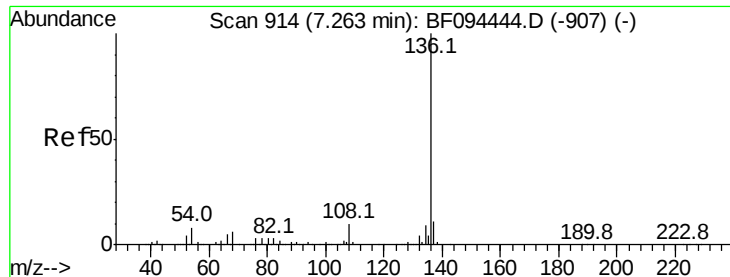
101 0.0 7.2 10.8#

130 1.9 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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 473233

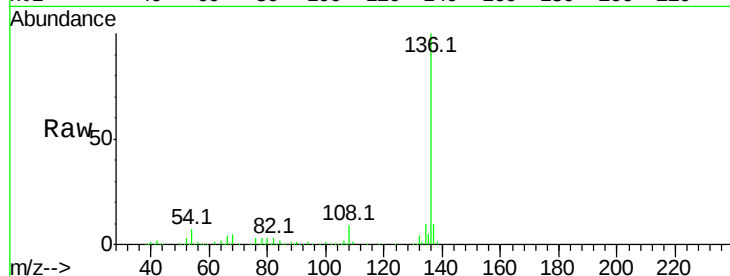
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.5 4.9 7.3

68 5.3 4.1 6.1

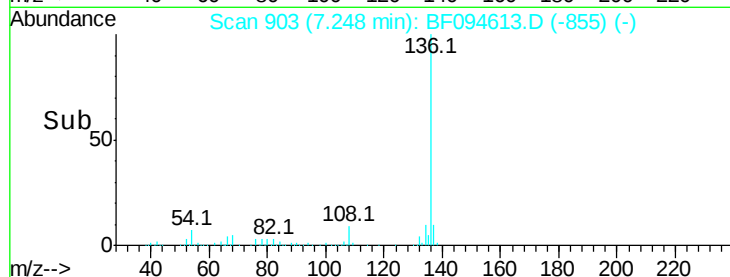


Abundance Ion 136.00 (135.70 to 136.70): E

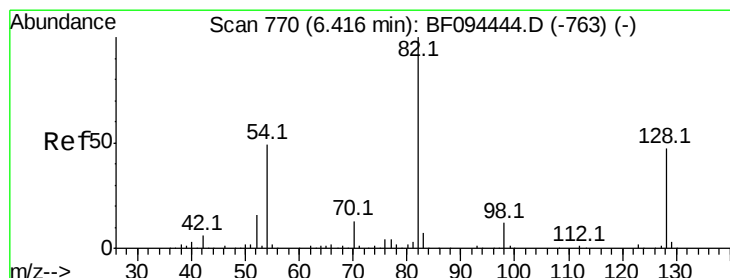
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 71.16 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

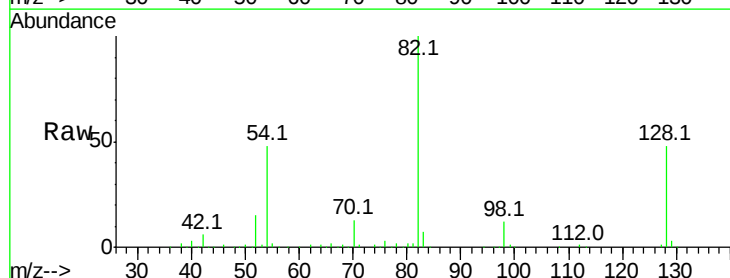
Tgt Ion: 82 Resp: 545336

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

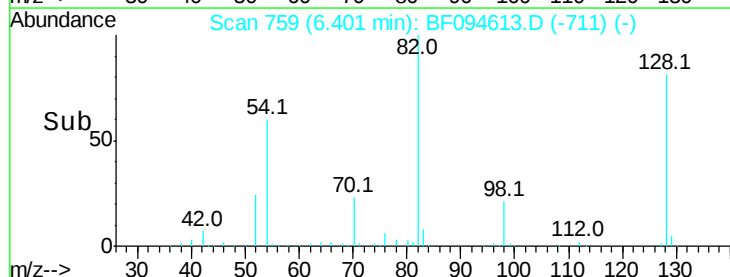
54 48.4 42.2 63.2



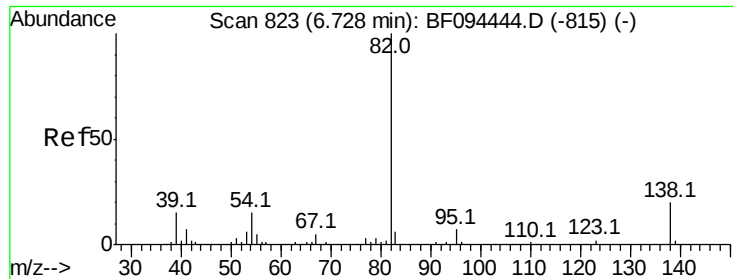
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 4.47 ng

RT: 6.71 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

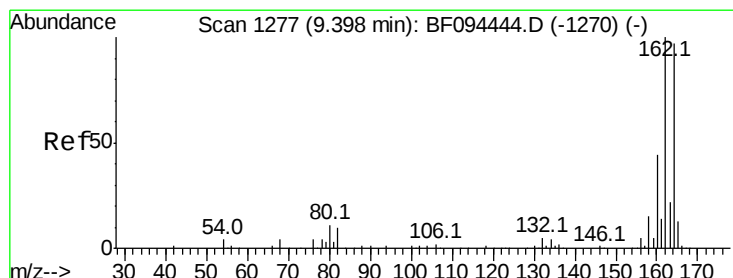
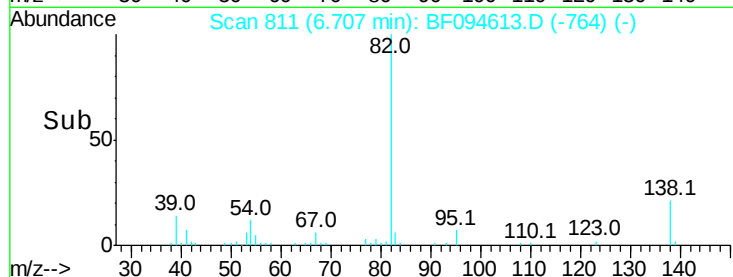
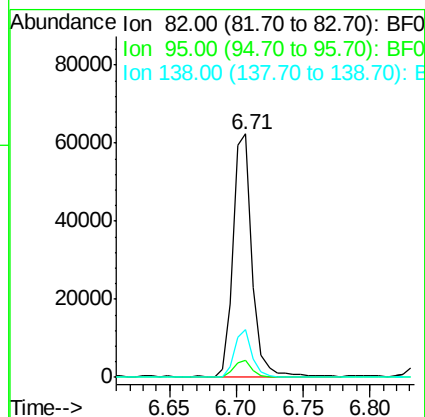
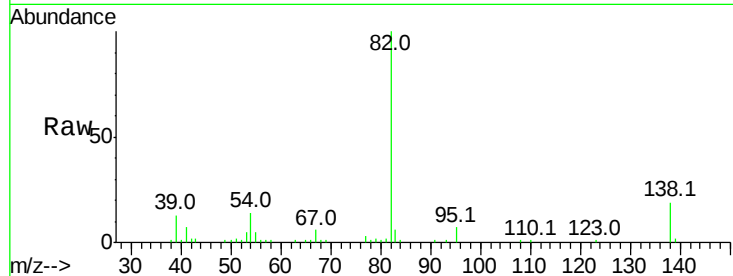
Tot Ion: 82 Resp: 63517

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.5 13.1 19.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

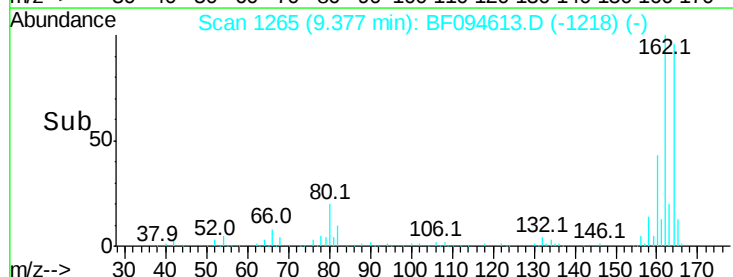
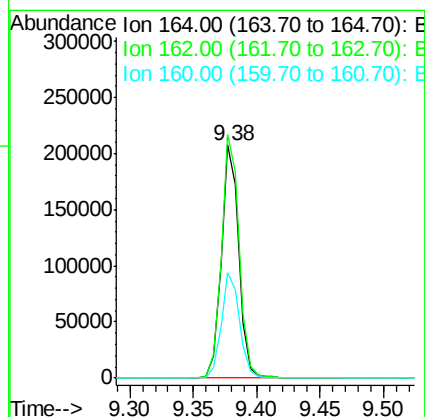
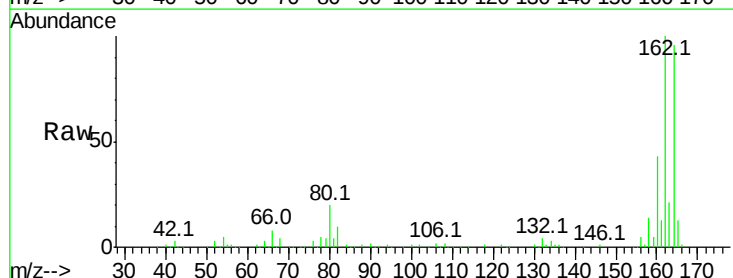
Tgt Ion:164 Resp: 201077

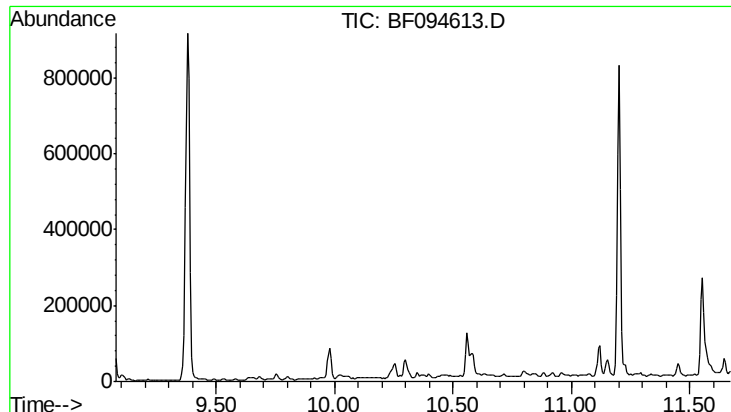
Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

160 45.3 36.2 54.2

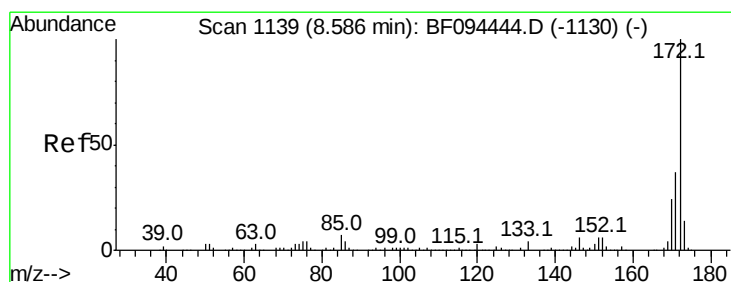
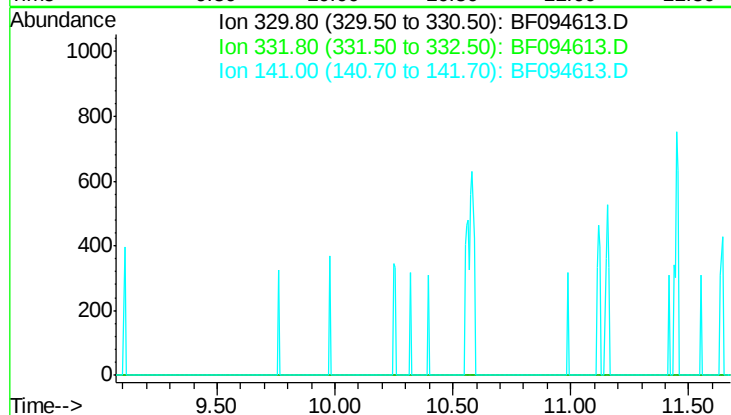




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.37 min
 Lab File: BF094613.D
 Acq: 25 Apr 2017 18:53

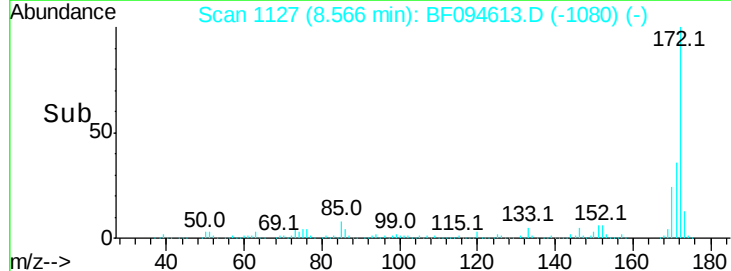
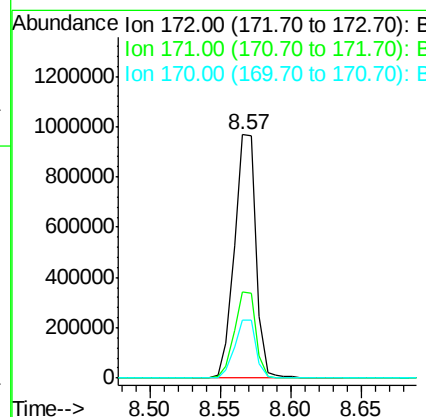
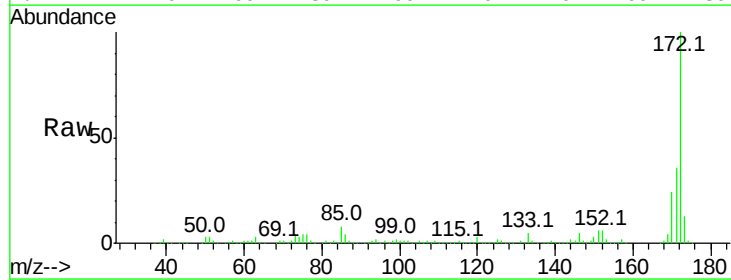
Instrument :
 BNA_F
 ClientSampleId :

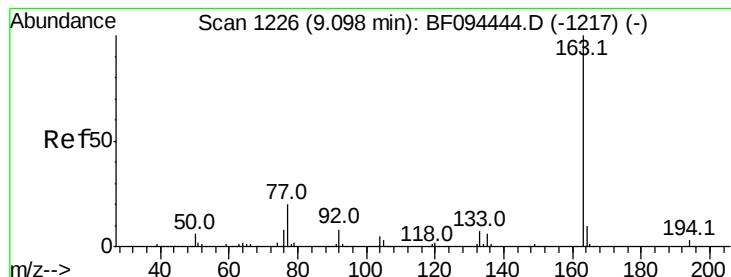
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 75.38 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094613.D
 Acq: 25 Apr 2017 18:53

Tgt Ion: 172 Resp: 1030197
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.9 19.8 29.8





#49

Dimethylphthalate

Concen: 3.55 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

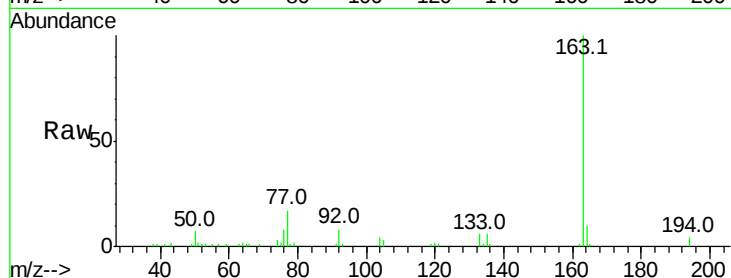
Tot Ion:163 Resp: 53182

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

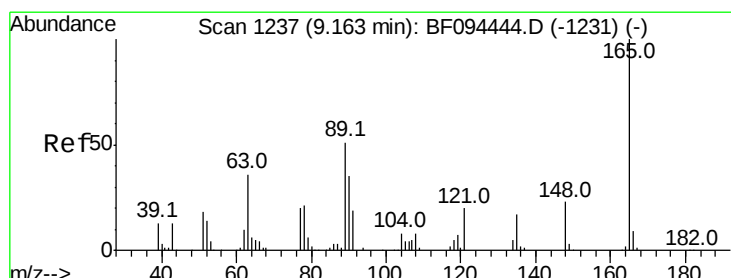
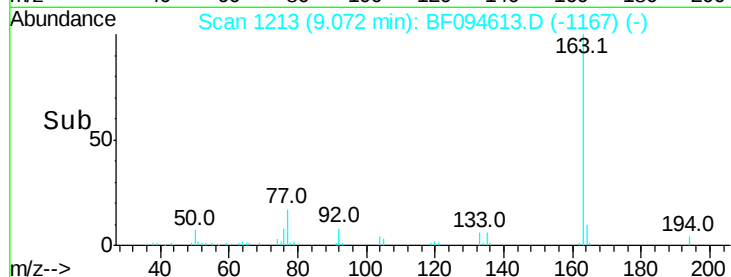
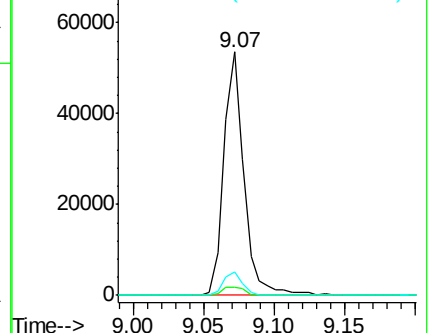
164 9.6 8.4 12.6



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: 7.74 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.21 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

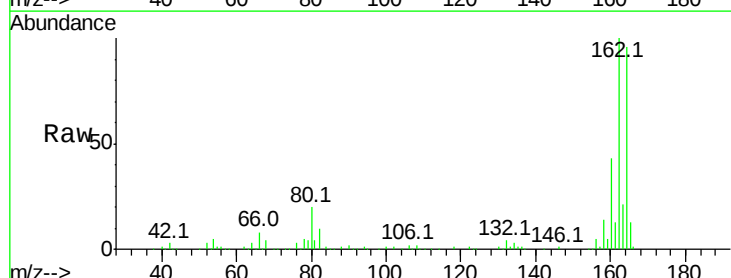
Tgt Ion:165 Resp: 26031

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

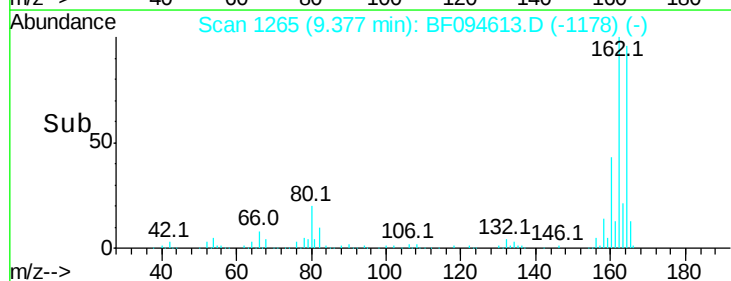
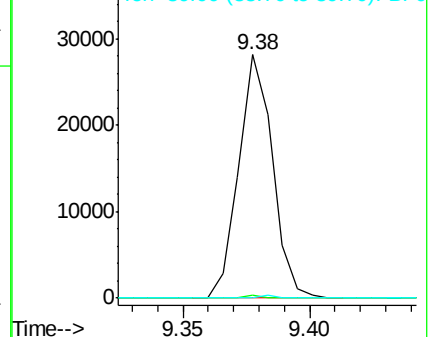
89 0.0 37.1 55.7#

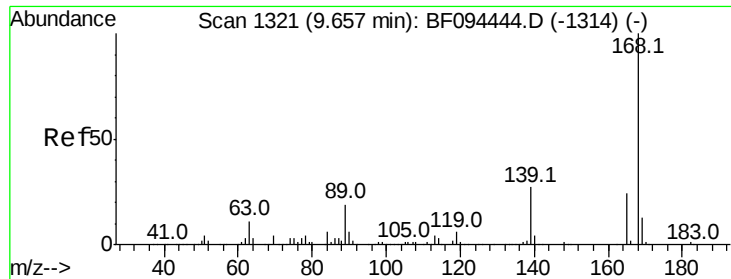


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

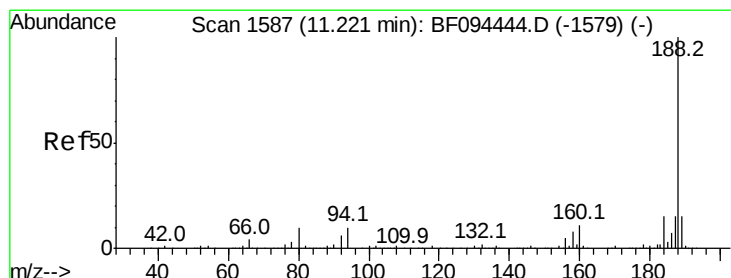
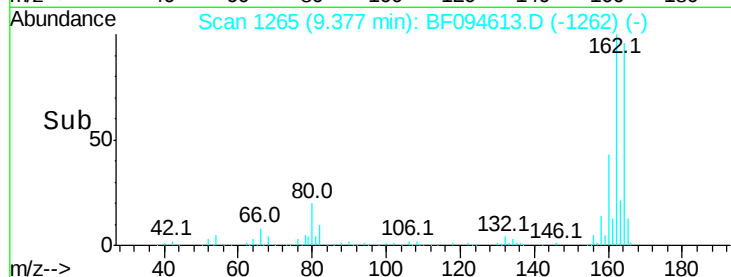
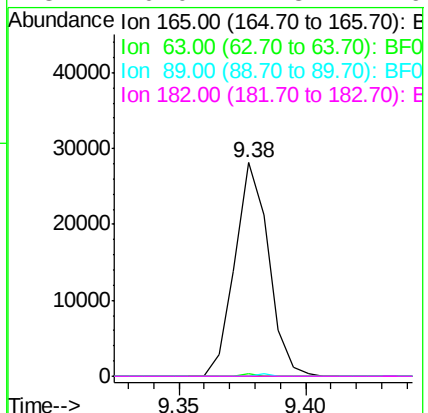
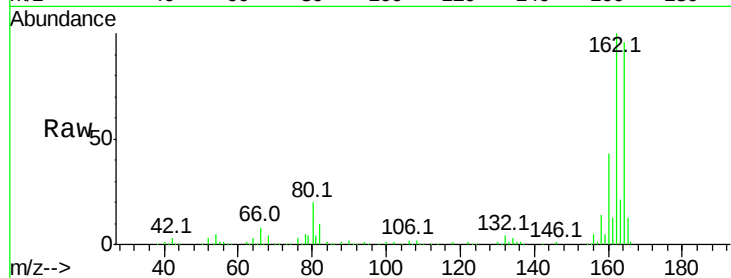




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094613.D
 Acq: 25 Apr 2017 18:53

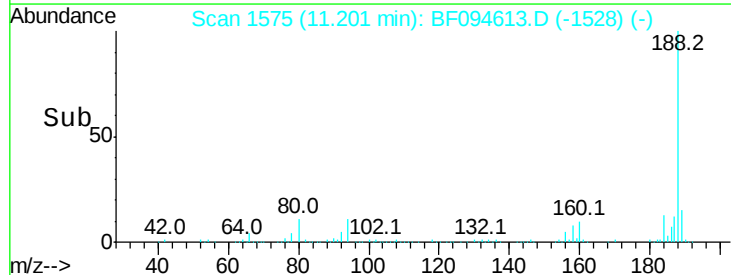
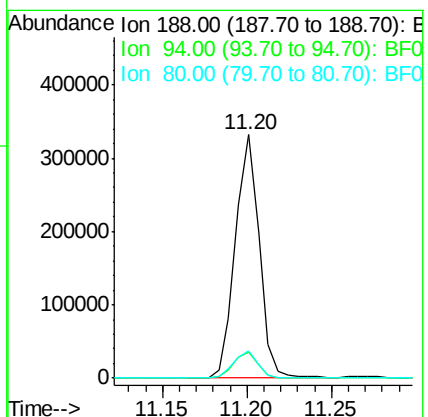
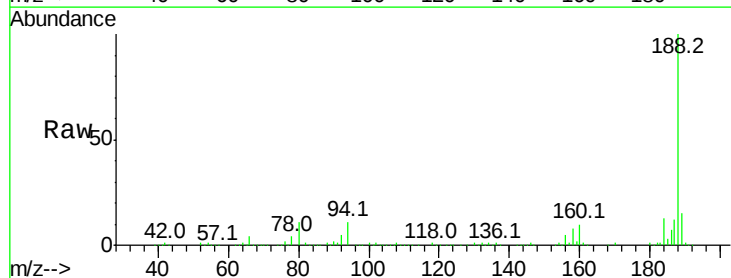
Instrument :
 BNA_F
 ClientSampleId :

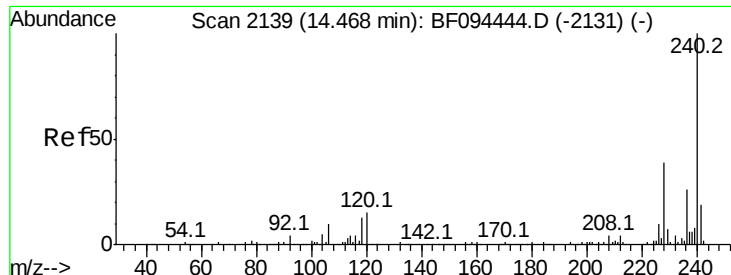
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094613.D
 Acq: 25 Apr 2017 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Instrument :

BNA_F

ClientSampled :

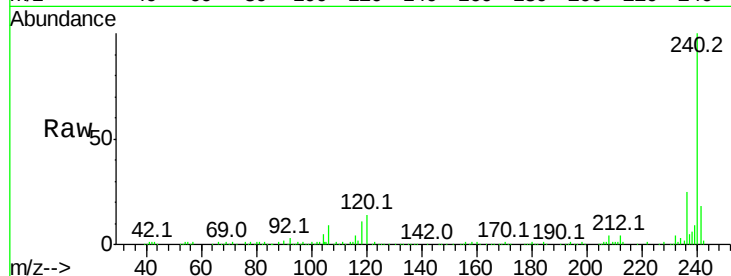
Tot Ion:240 Resp: 242731

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

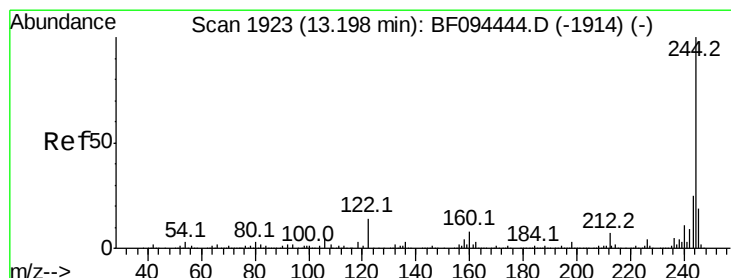
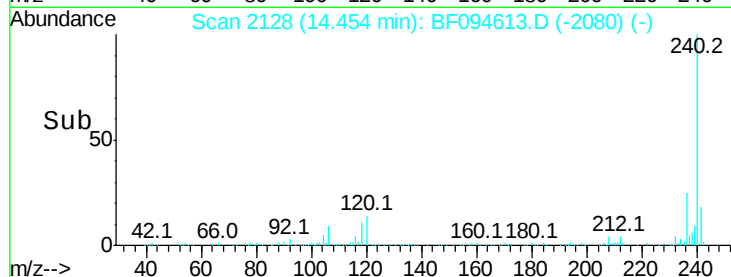
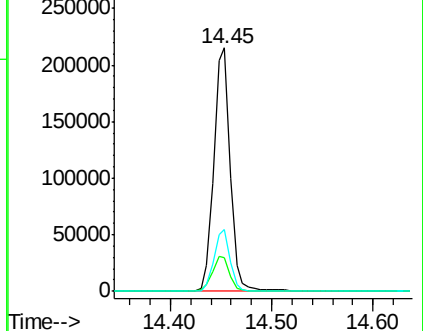
236 25.5 20.5 30.7



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: 73.86 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

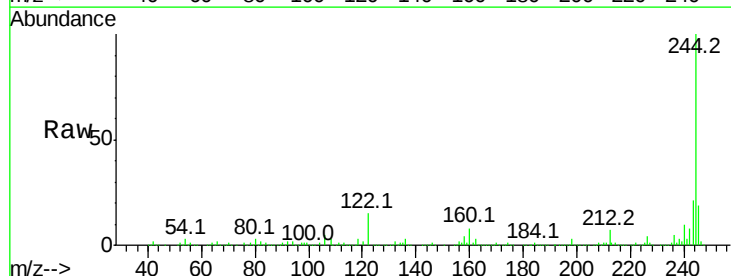
Tgt Ion:244 Resp: 670762

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

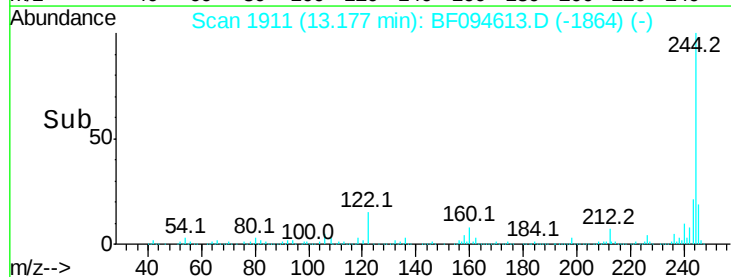
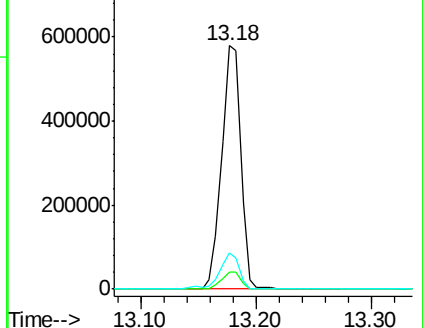
122 15.0 10.3 15.5

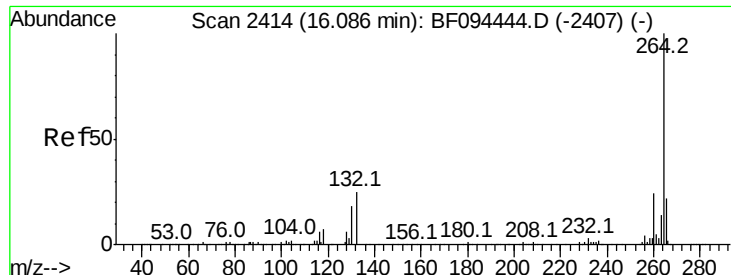


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

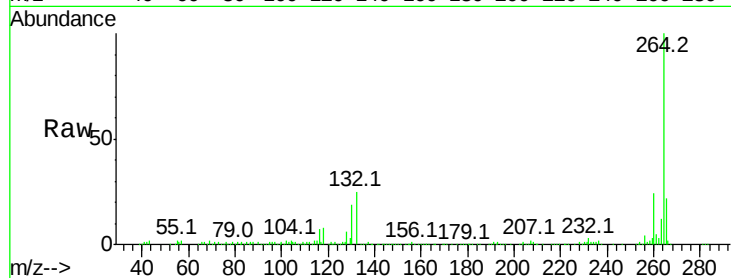




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	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

