

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094615.D
 Acq On : 25 Apr 2017 19:47
 Operator : SJ/MA
 Sample : I2832-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:27:10 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

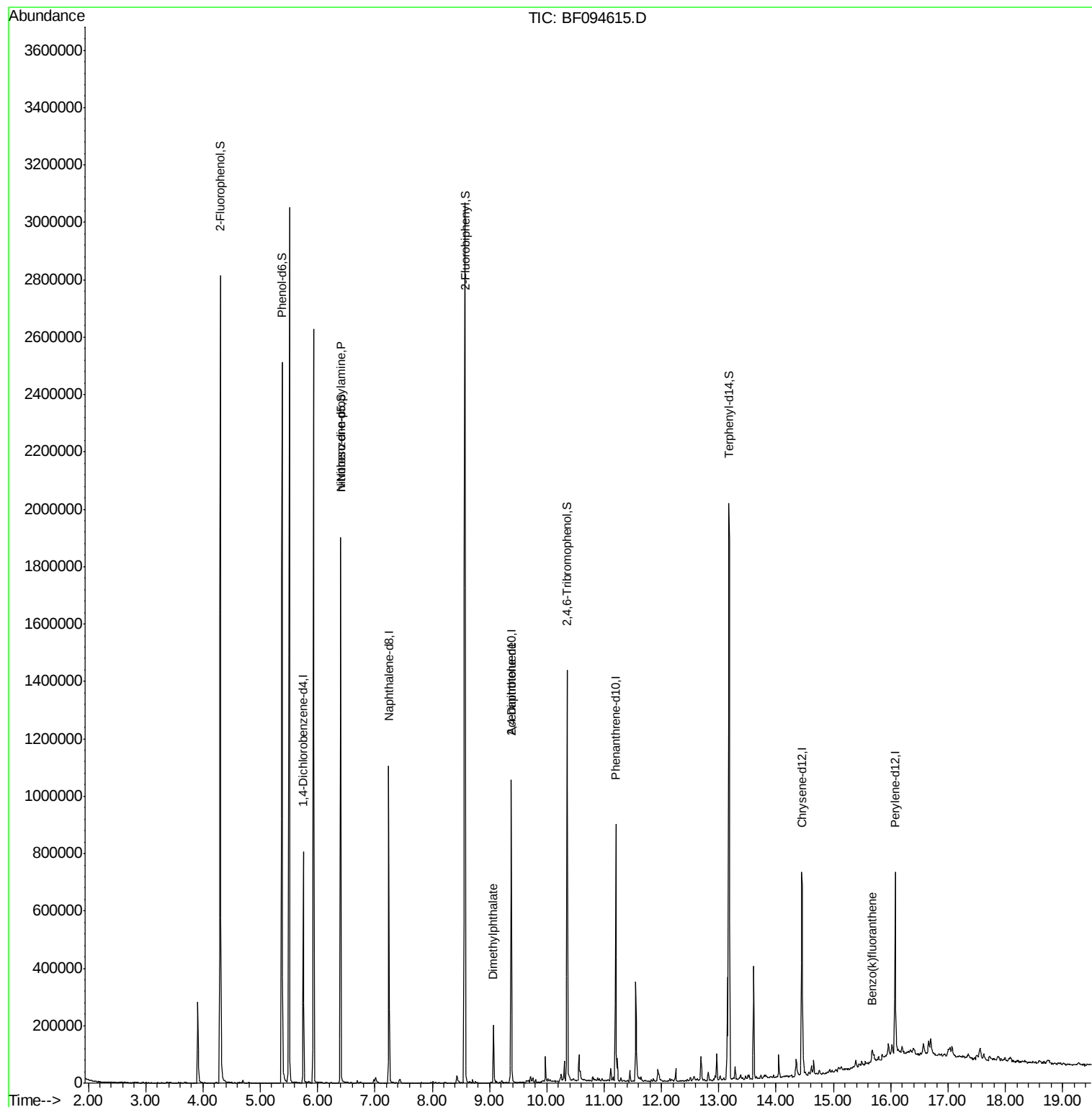
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	137137	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	536159	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	227533	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	352674	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	278611	20.00	ng	-0.02
86) Perylene-d12	16.08	264	247440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	899268	108.79	ng	0.00
7) Phenol-d6	5.38	99	1122724	115.21	ng	-0.01
23) Nitrobenzene-d5	6.40	82	670690	77.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	176630	99.25	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1150563	74.40	ng	-0.01
78) Terphenyl-d14	13.18	244	731379	70.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	87545	13.56	ng	# 80
49) Dimethylphthalate	9.07	163	92284	5.44	ng	98
56) 2,4-Dinitrotoluene	9.38	165	28348	6.07	ng	# 31
88) Benzo(k)fluoranthene	15.68	252	28980	2.02	ng	# 96

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

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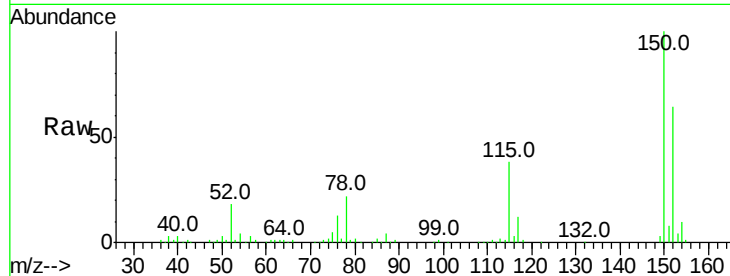


#1

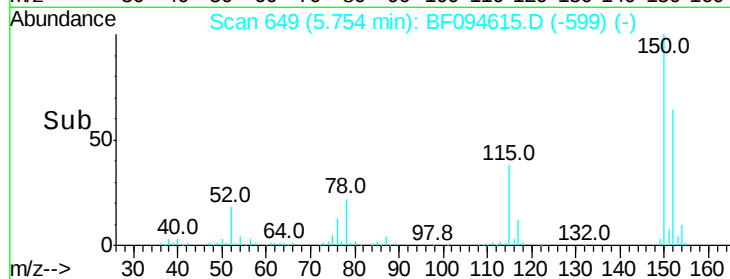
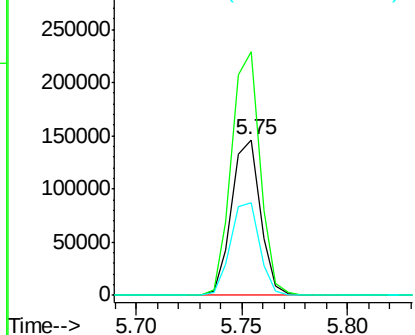
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137137
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 59.4 52.2 78.2



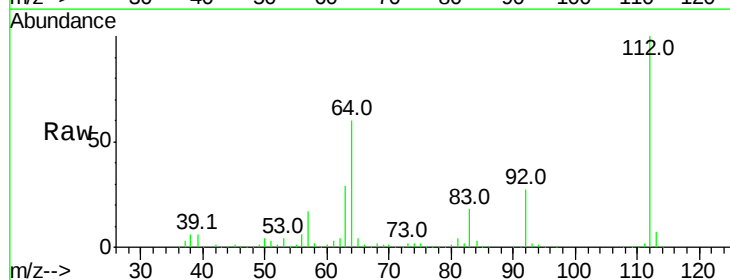
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



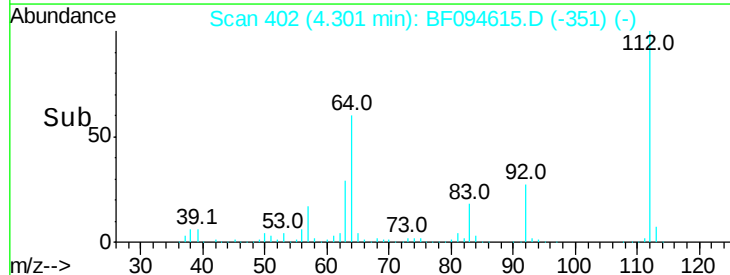
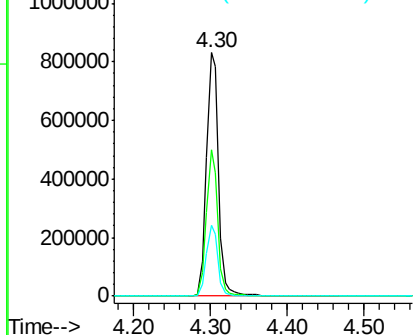
#5

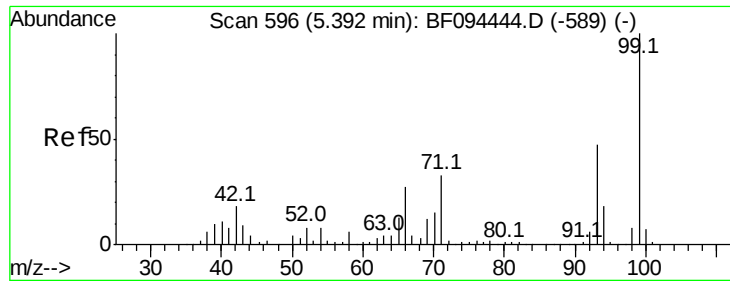
2-Fluorophenol
Concen: 108.79 ng
RT: 4.30 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Tgt Ion:112 Resp: 899268
Ion Ratio Lower Upper
112 100
64 59.9 46.0 69.0
63 29.0 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: 115.21 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Instrument :

BNA_F

ClientSampled :

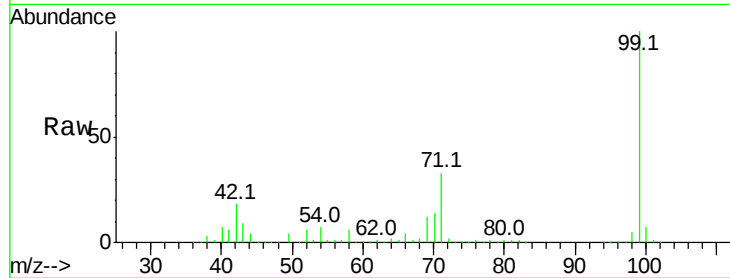
Tot Ion: 99 Resp: 1122724

Ion Ratio Lower Upper

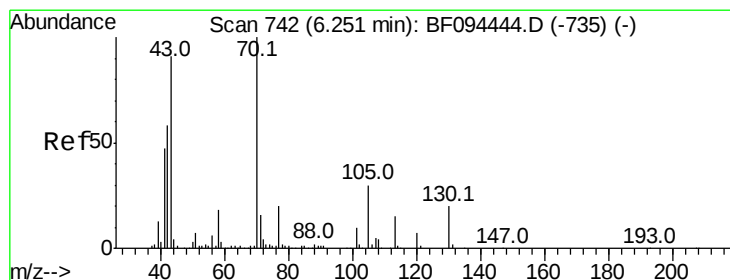
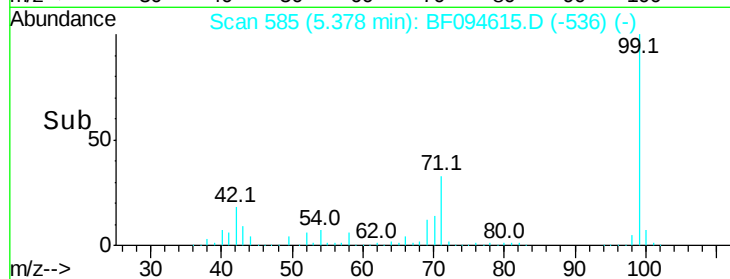
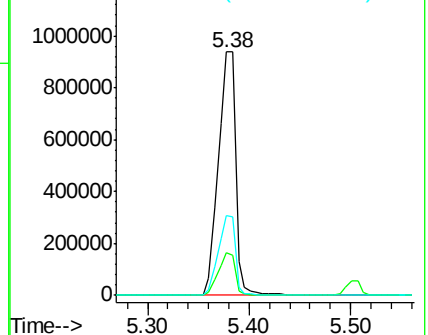
99 100

42 17.8 13.5 20.3

71 32.9 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: 13.56 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Tgt Ion: 70 Resp: 87545

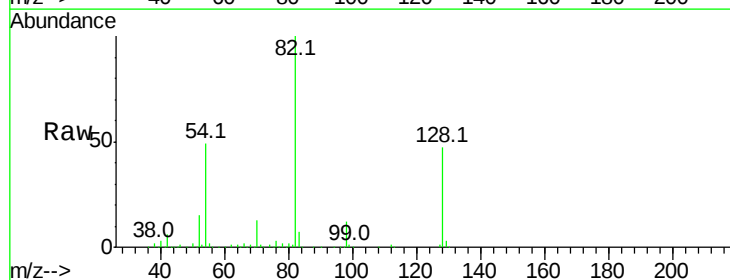
Ion Ratio Lower Upper

70 100

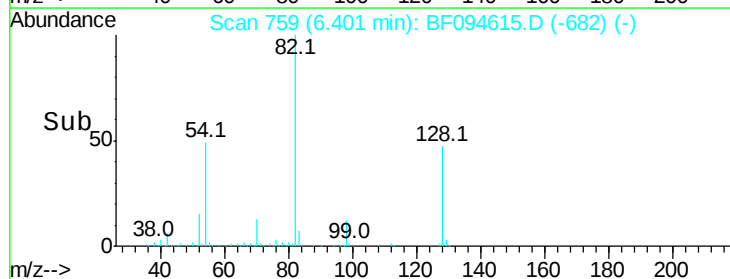
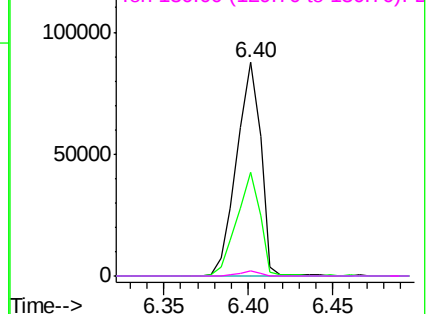
42 48.8 47.2 70.8

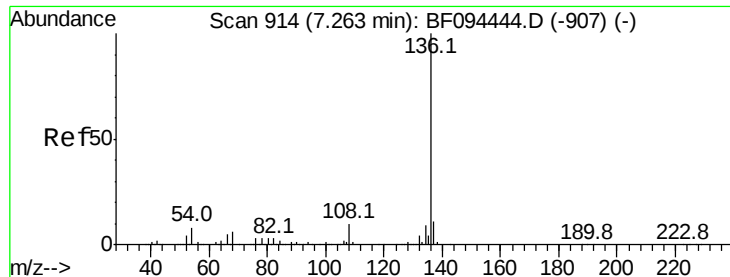
101 0.0 7.2 10.8#

130 2.7 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 536159

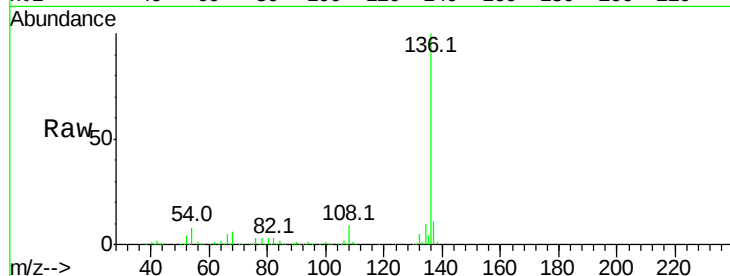
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.7 4.9 7.3#

68 6.2 4.1 6.1#

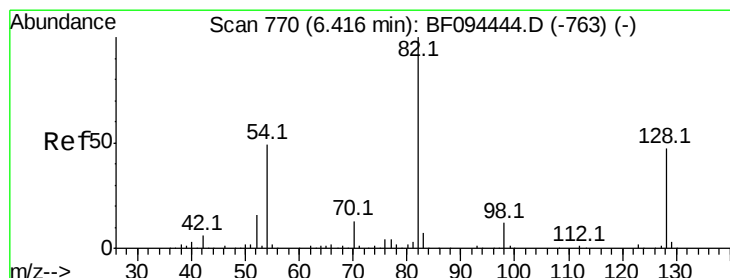
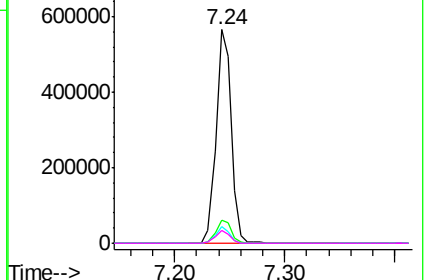
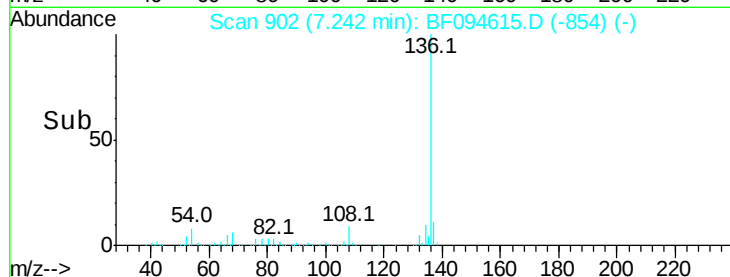


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.24 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

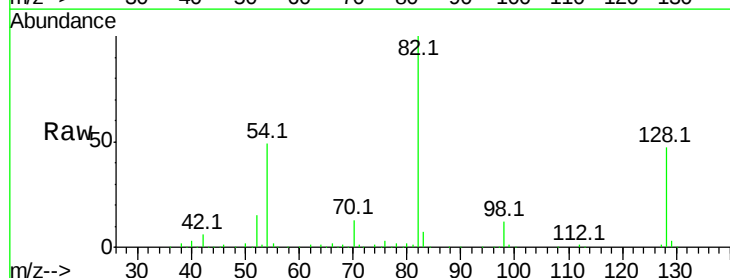
Tgt Ion: 82 Resp: 670690

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

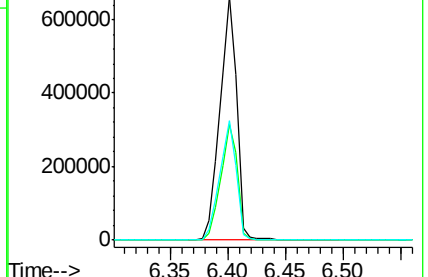
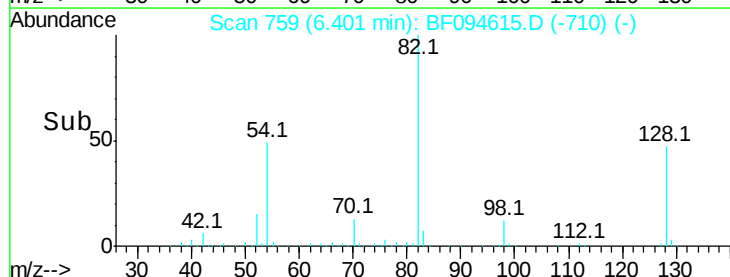
54 49.2 42.2 63.2



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: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Instrument :

BNA_F

ClientSampleId :

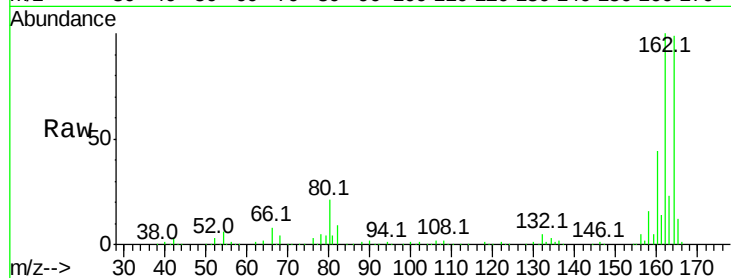
Tot Ion:164 Resp: 227533

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

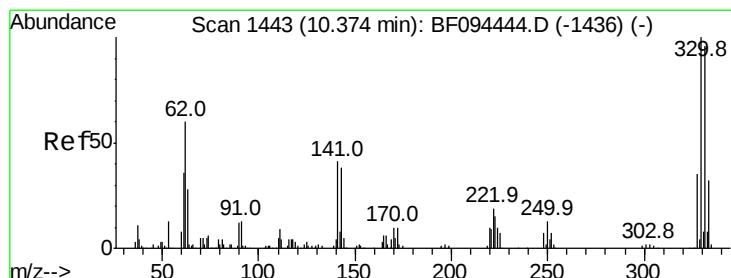
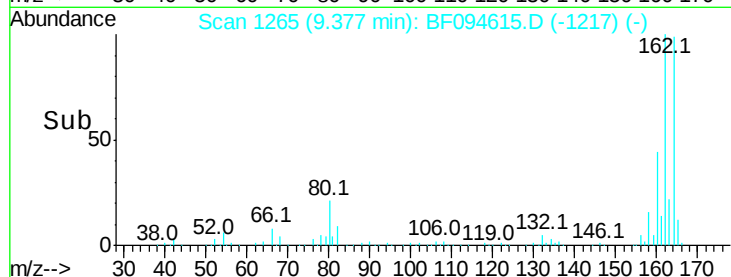
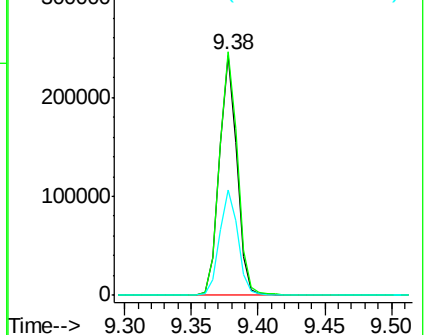
160 44.2 36.2 54.2



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: 99.25 ng

RT: 10.35 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

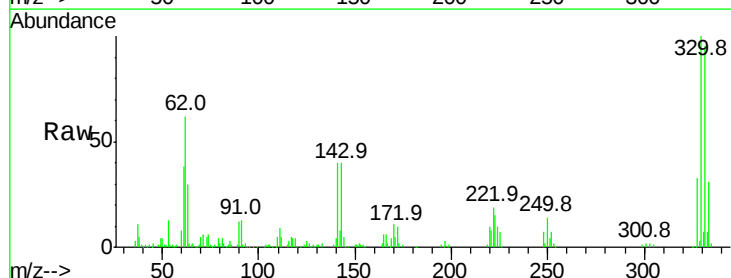
Tgt Ion:330 Resp: 176630

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

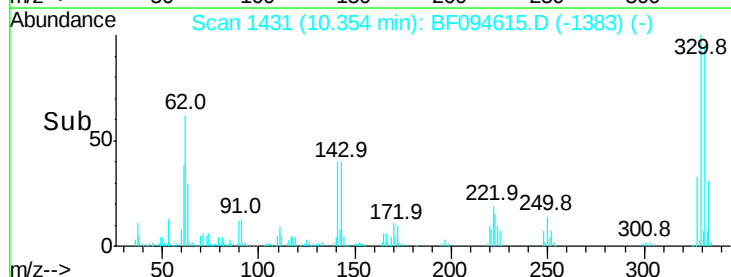
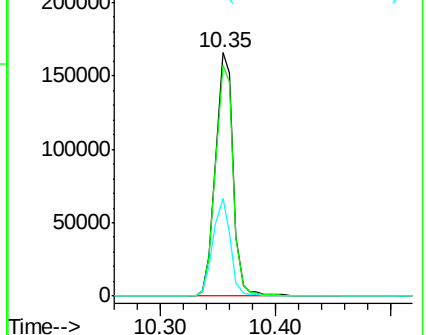
141 39.7 31.4 47.2

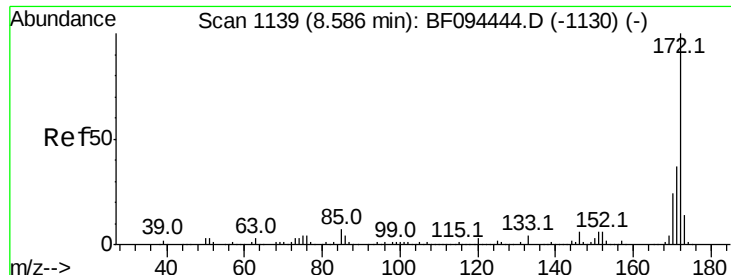


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

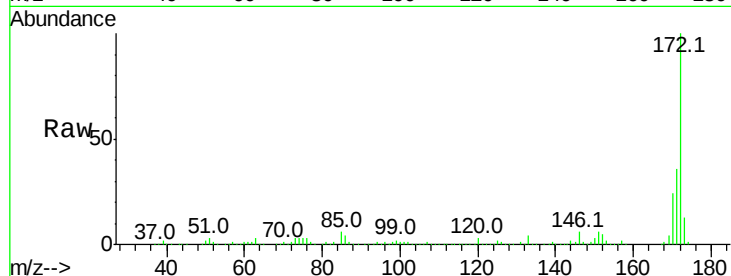




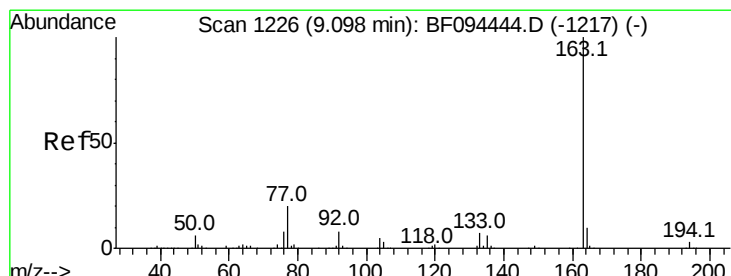
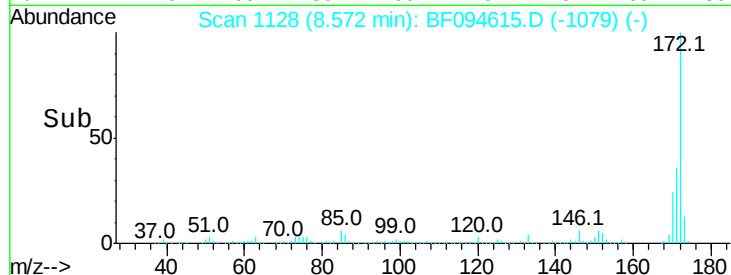
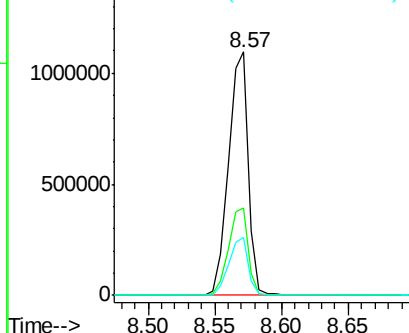
#44
2-Fluorobiphenyl
Concen: 74.40 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1150563
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.8 29.8

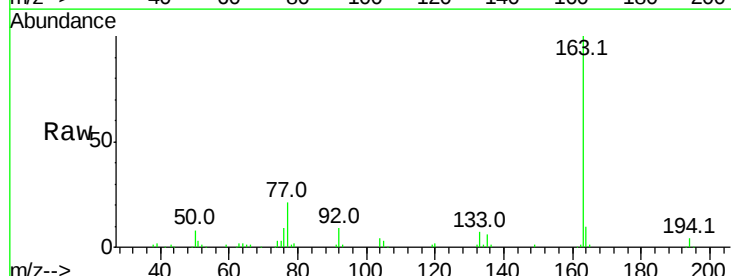


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

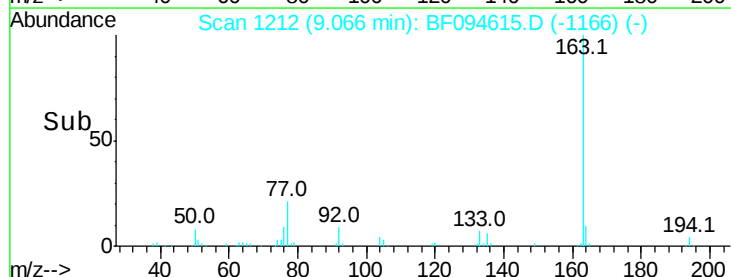
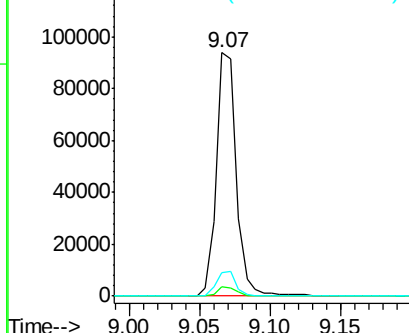


#49
Dimethylphthalate
Concen: 5.44 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Tgt Ion:163 Resp: 92284
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.8 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

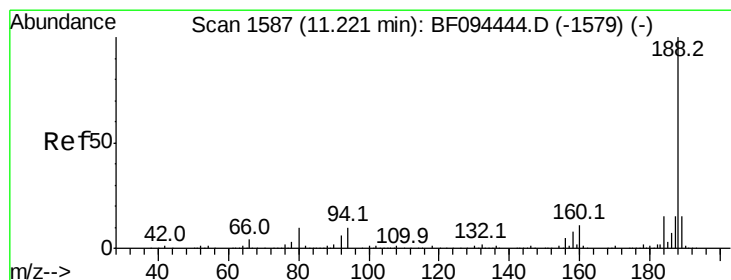
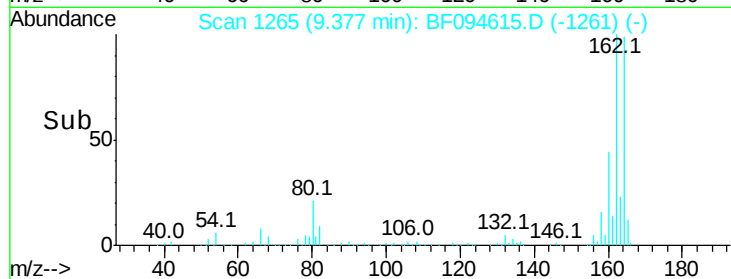
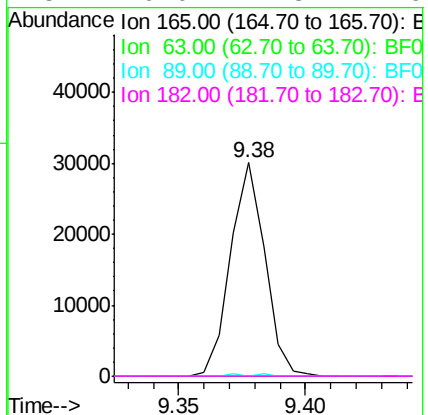
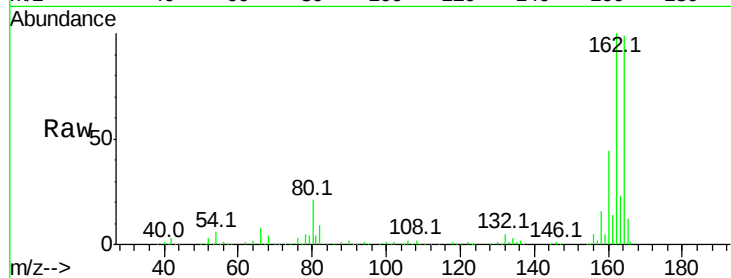




#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094615.D
 Acq: 25 Apr 2017 19:47

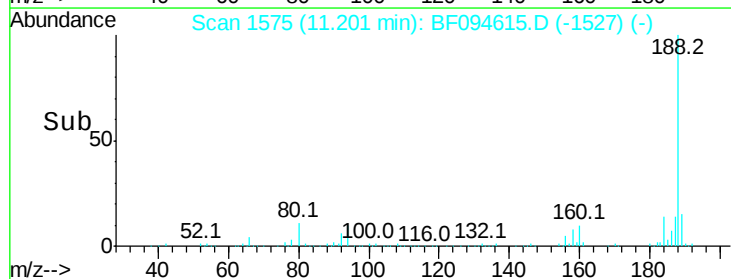
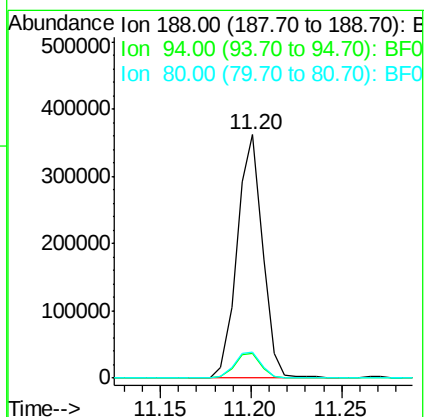
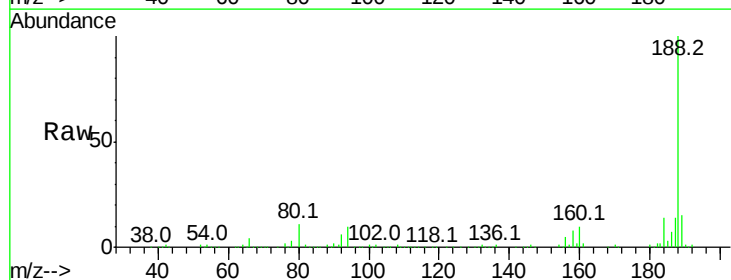
Instrument :
 BNA_F
 ClientSampleId :

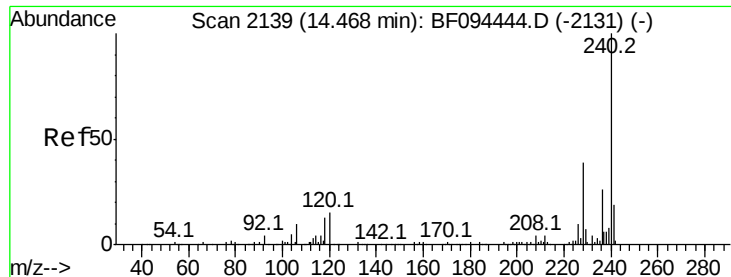
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094615.D
 Acq: 25 Apr 2017 19:47

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Instrument :

BNA_F

ClientSampleId :

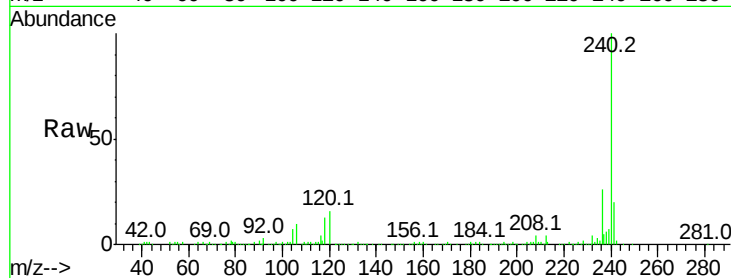
Tot Ion:240 Resp: 278611

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

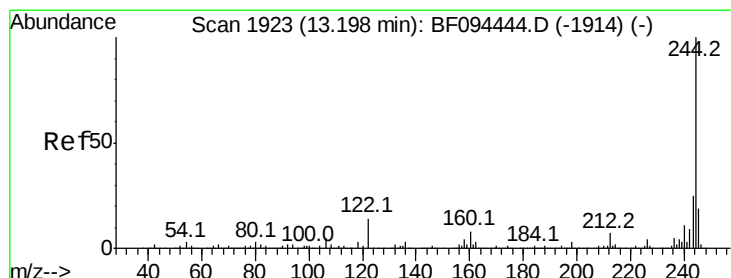
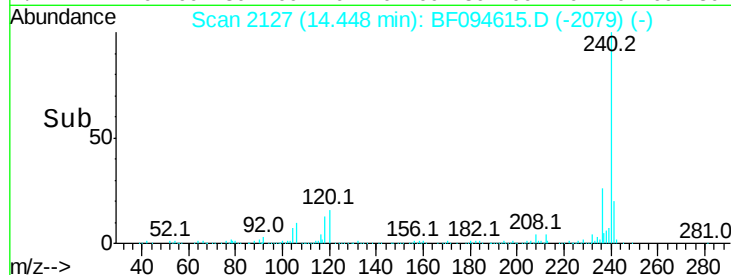
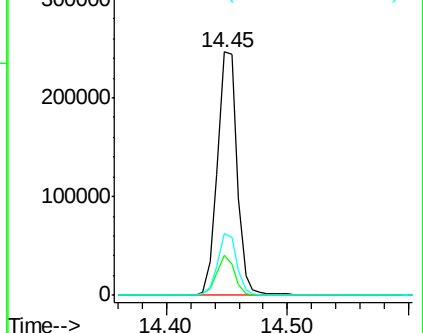
236 25.5 20.5 30.7



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: 70.17 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

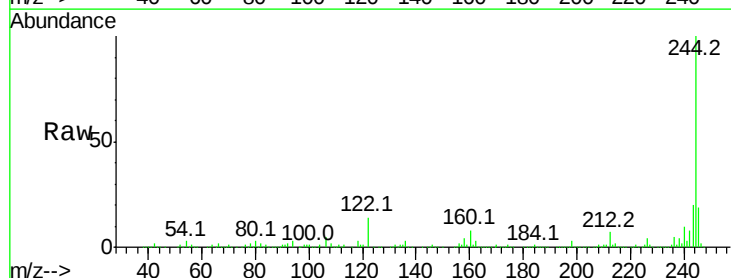
Tgt Ion:244 Resp: 731379

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

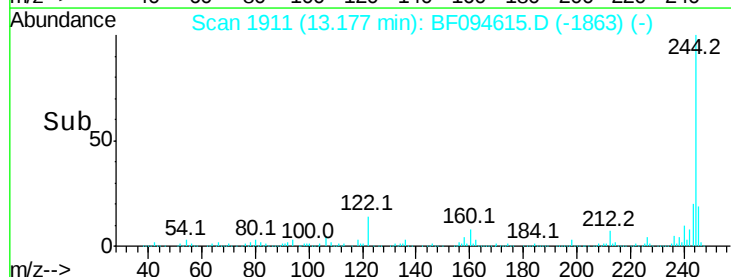
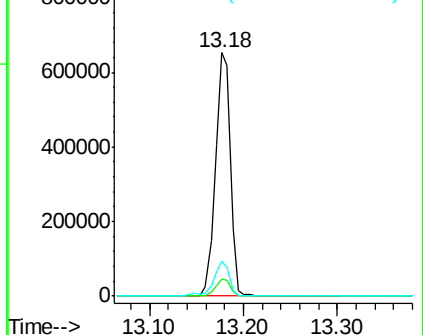
122 14.5 10.3 15.5

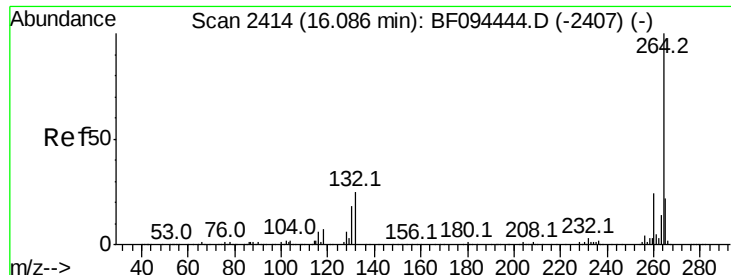


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

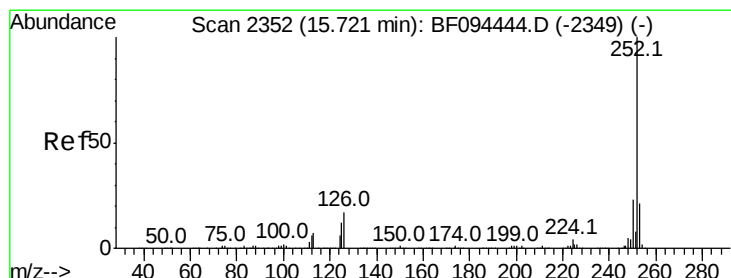
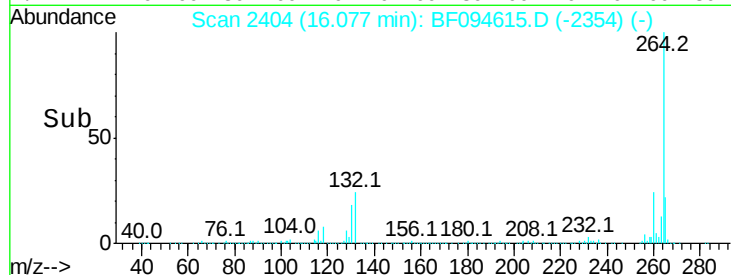
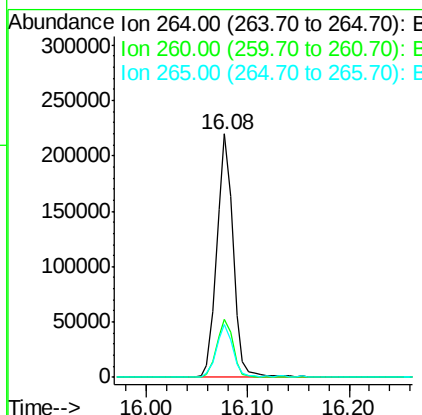
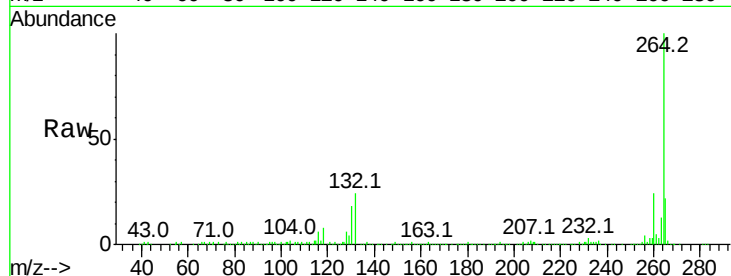




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 247440
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.5 17.2 25.8



#88
Benzo(k)fluoranthene
Concen: 2.02 ng
RT: 15.68 min Scan# 2336
Delta R.T. -0.04 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Tgt Ion:252 Resp: 28980
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 19.9 13.1 19.7#

