

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094502.D
 Acq On : 18 Apr 2017 22:32
 Operator : SJ/MA
 Sample : I2732-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 03:02:37 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

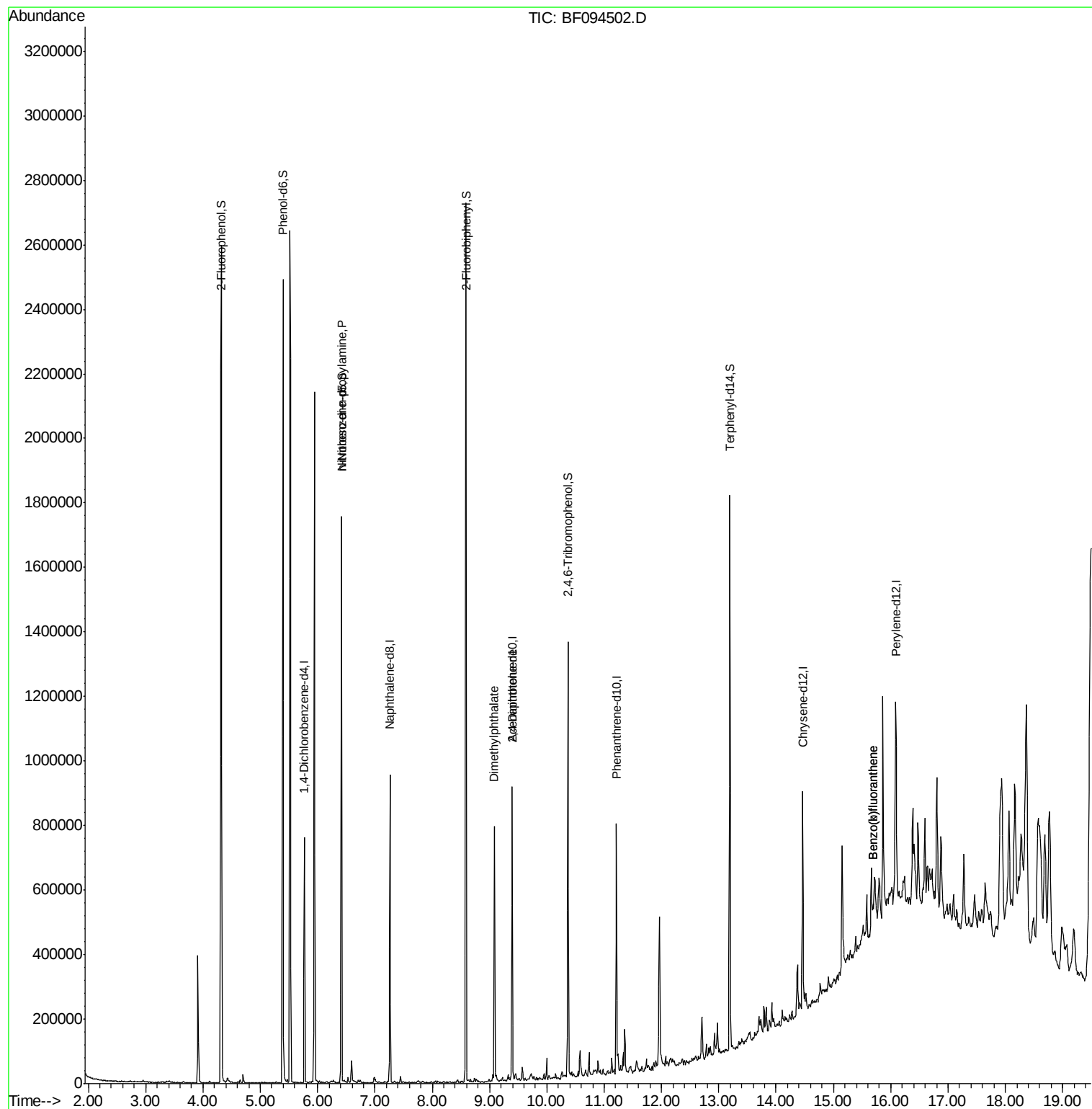
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119536	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	472965	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	184193	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	308037	20.00	ng	0.00
75) Chrysene-d12	14.47	240	273409	20.00	ng	0.00
86) Perylene-d12	16.09	264	205458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	771332	107.05	ng	0.02
7) Phenol-d6	5.40	99	935098	110.09	ng	0.00
23) Nitrobenzene-d5	6.42	82	594589	77.63	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	156651	108.73	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	984112	78.61	ng	0.00
78) Terphenyl-d14	13.20	244	609926	59.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	78622	13.97	ng	# 75
49) Dimethylphthalate	9.09	163	361483	26.33	ng	99
56) 2,4-Dinitrotoluene	9.40	165	22865	6.05	ng	# 35
87) Benzo(b)fluoranthene	15.69	252	46963	3.74	ng	# 83
88) Benzo(k)fluoranthene	15.69	252	46963	3.95	ng	# 87

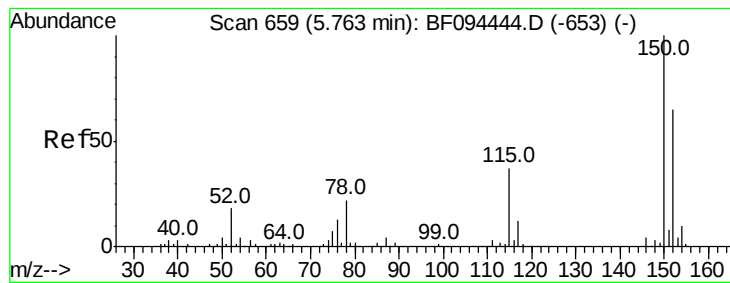
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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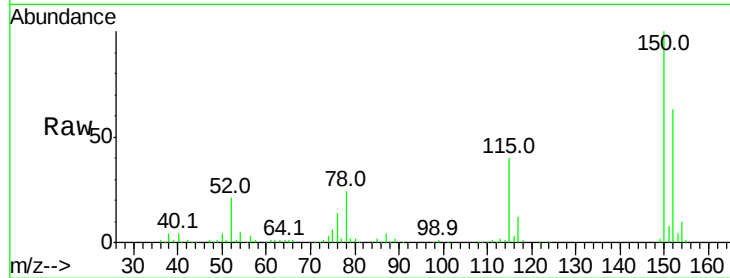


#1

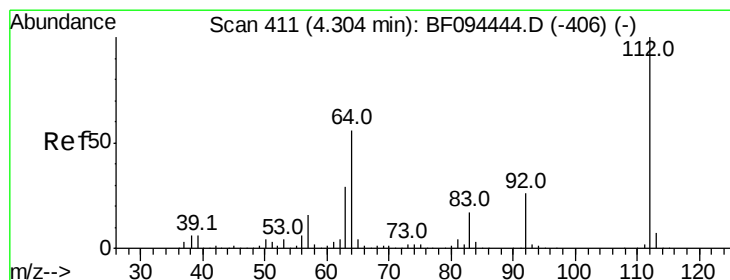
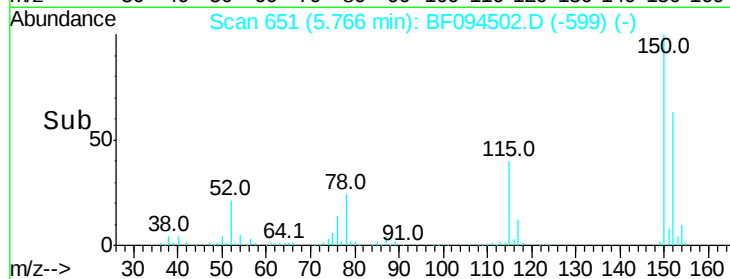
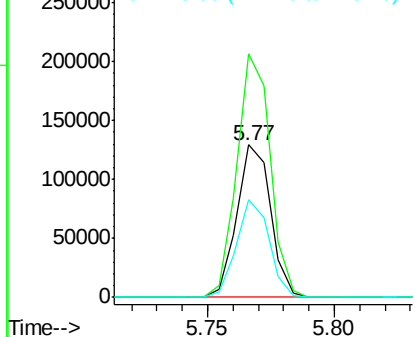
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094502.D
Acq: 18 Apr 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119536
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 63.7 52.2 78.2



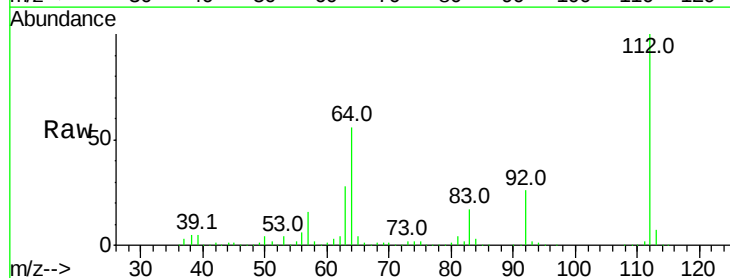
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



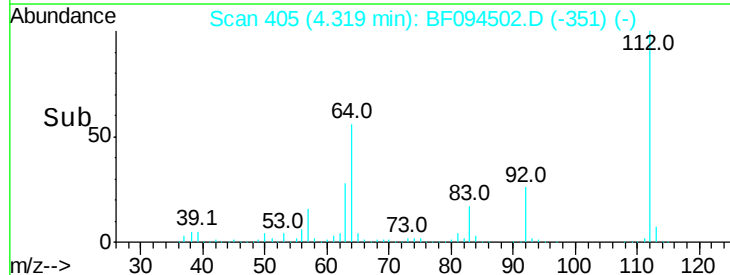
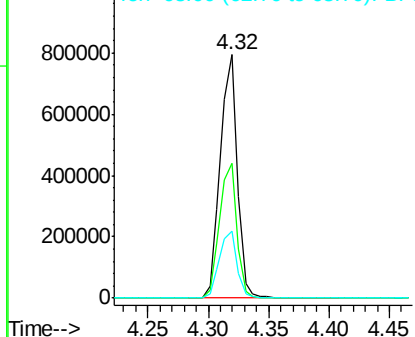
#5

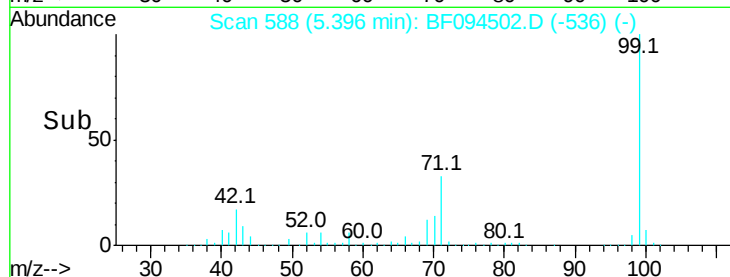
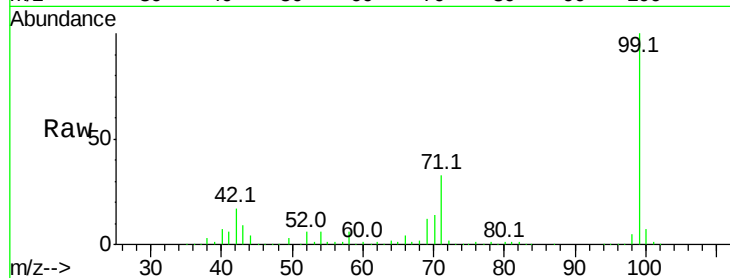
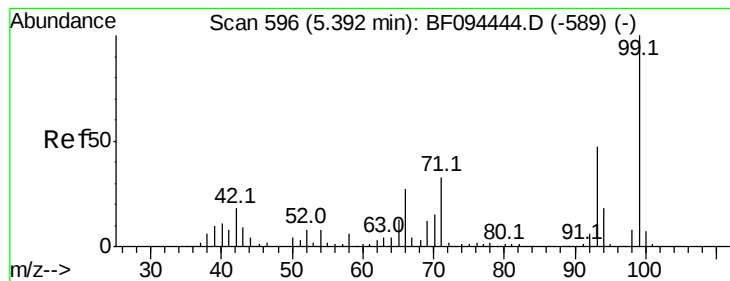
2-Fluorophenol
Concen: 107.05 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094502.D
Acq: 18 Apr 2017 22:32

Tgt Ion:112 Resp: 771332
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.5 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: 110.09 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094502.D

Acq: 18 Apr 2017 22:32

Instrument :

BNA_F

ClientSampled :

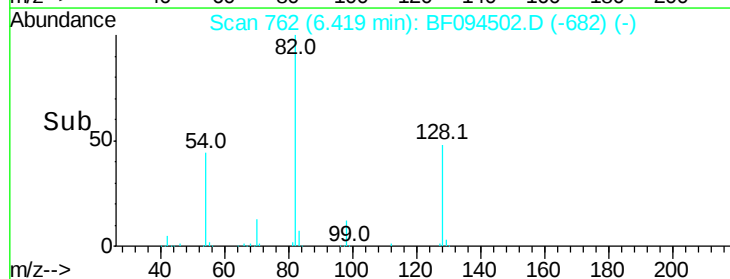
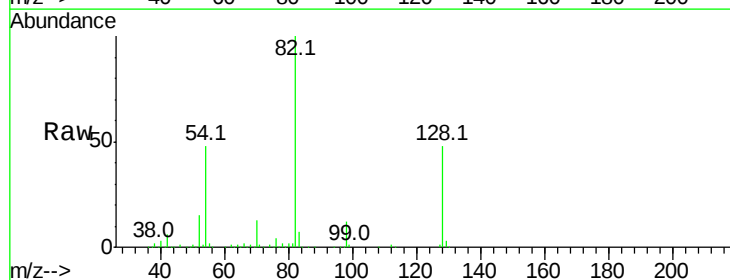
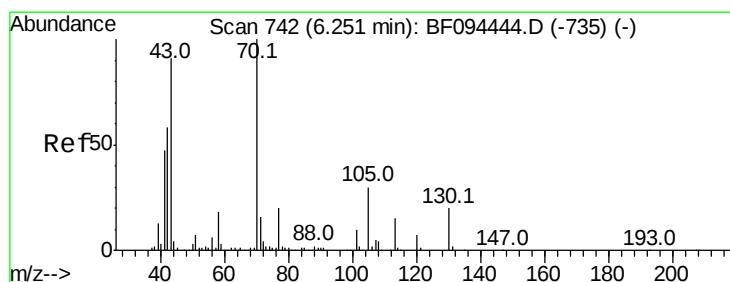
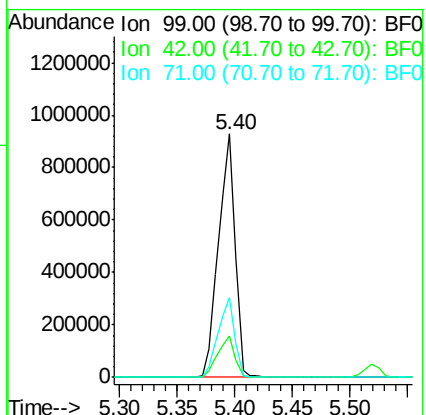
Tot Ion: 99 Resp: 935098

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 33.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.97 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094502.D

Acq: 18 Apr 2017 22:32

Tgt Ion: 70 Resp: 78622

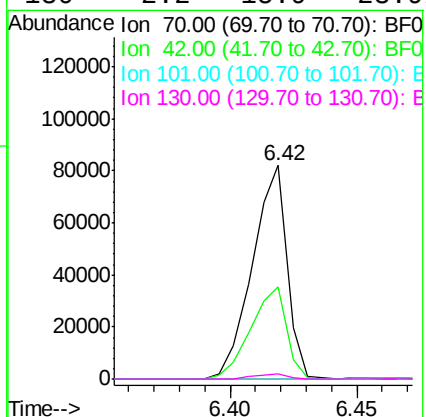
Ion Ratio Lower Upper

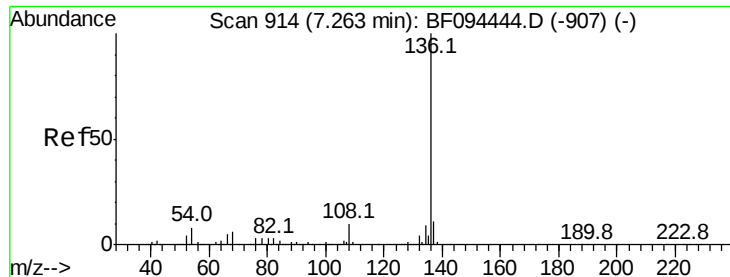
70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

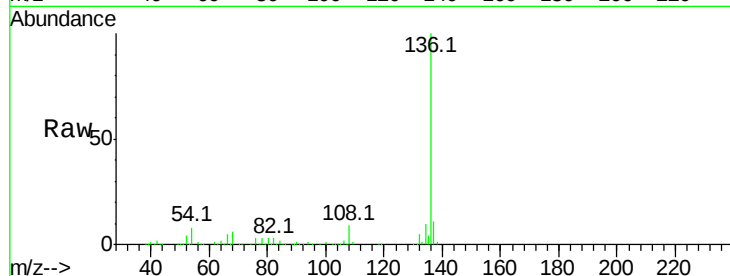
Delta R.T. -0.00 min

Lab File: BF094502.D

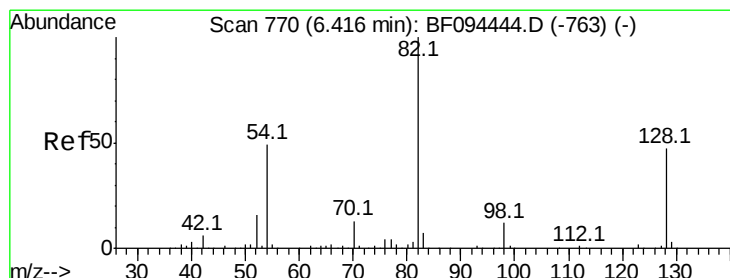
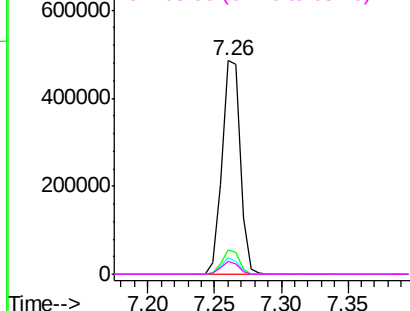
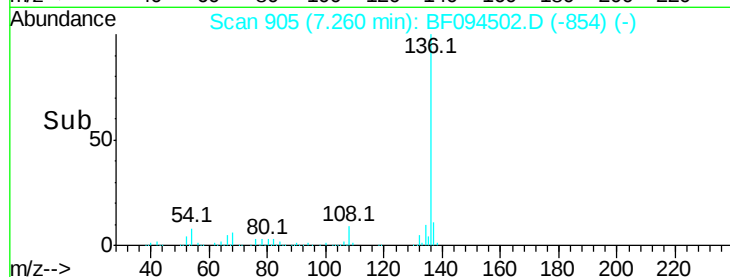
Acq: 18 Apr 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	472965
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	7.6	4.9 7.3#
68	6.1	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: 77.63 ng

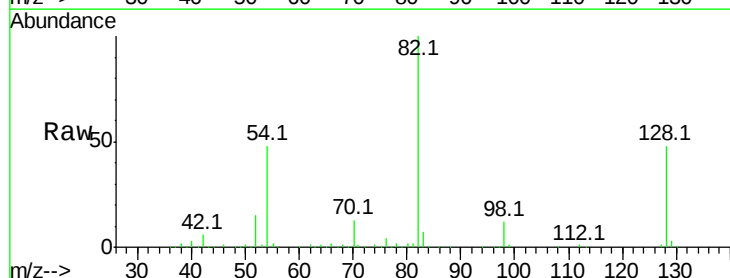
RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

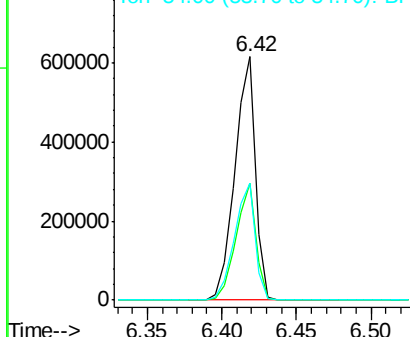
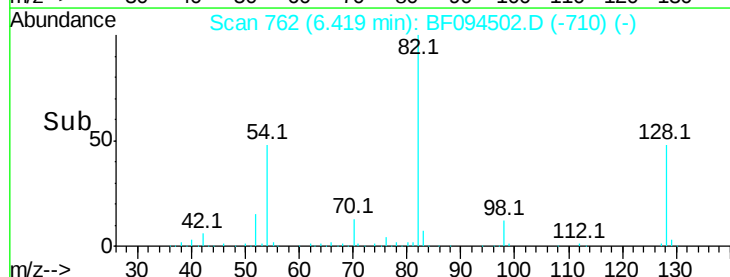
Lab File: BF094502.D

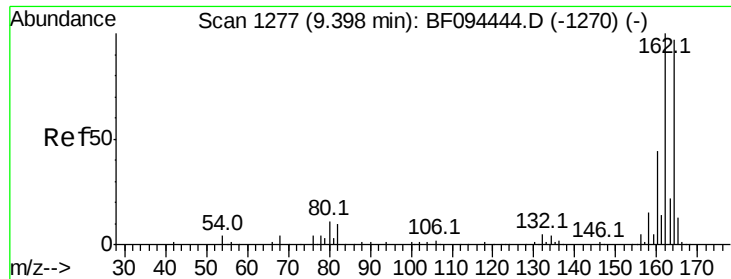
Acq: 18 Apr 2017 22:32

Tgt Ion: 82	Resp:	594589
Ion Ratio	Lower	Upper
82	100	
128	48.0	34.0 51.0
54	48.0	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: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094502.D

Acq: 18 Apr 2017 22:32

Instrument :

BNA_F

ClientSampled :

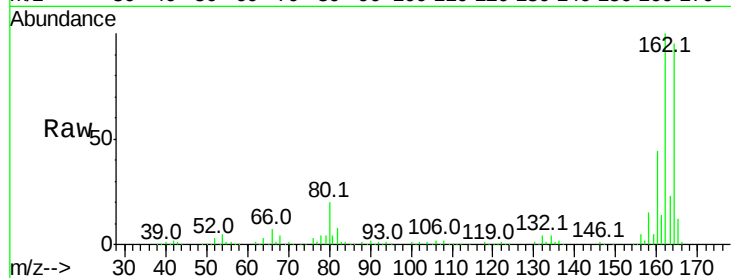
Tot Ion:164 Resp: 184193

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

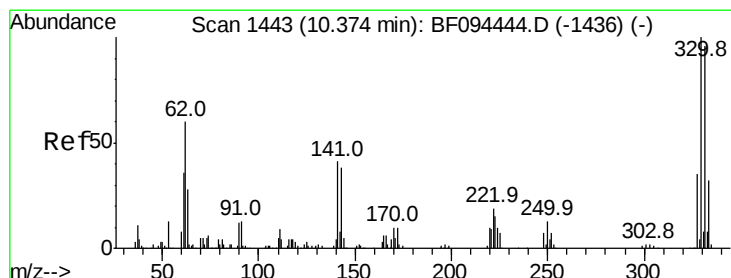
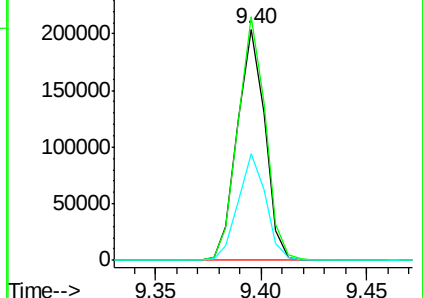
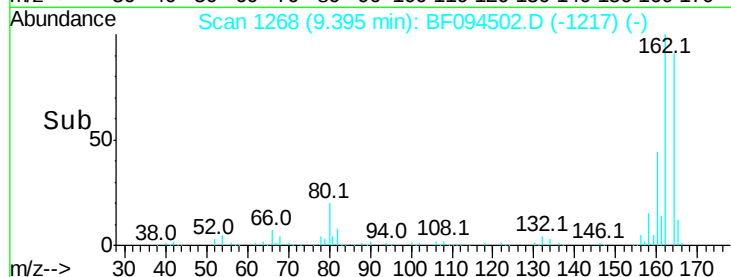
160 46.2 36.2 54.2



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: 108.73 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094502.D

Acq: 18 Apr 2017 22:32

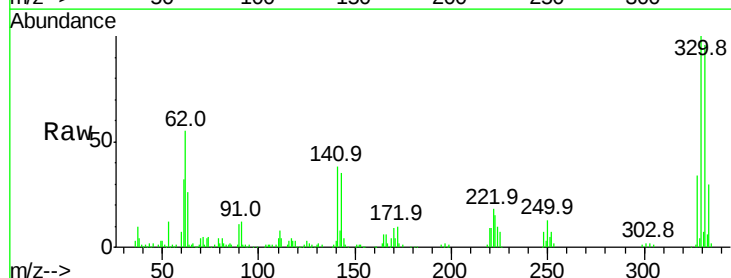
Tgt Ion:330 Resp: 156651

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

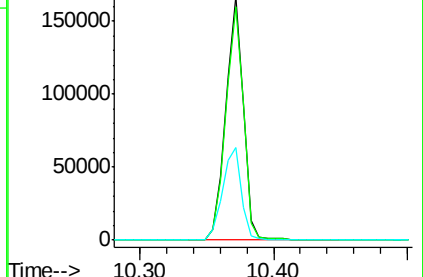
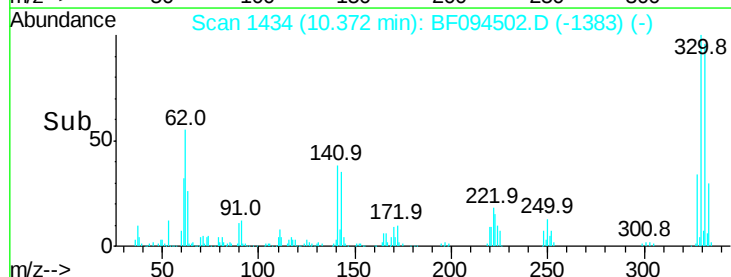
141 40.8 31.4 47.2

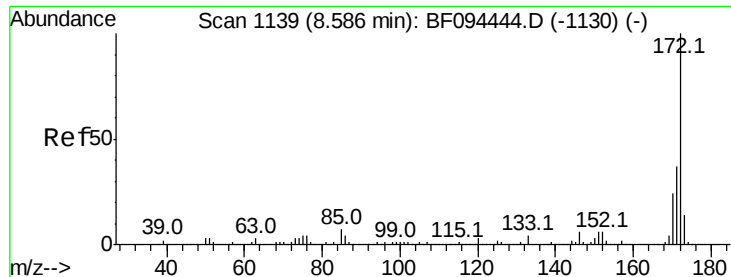


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

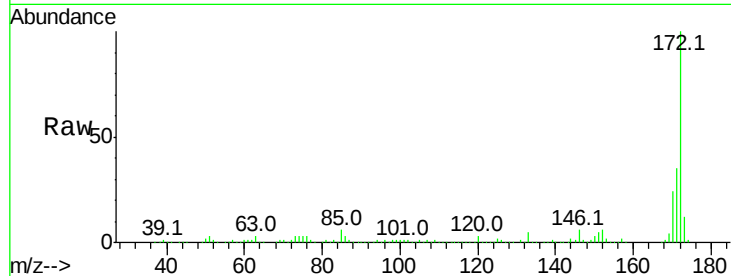




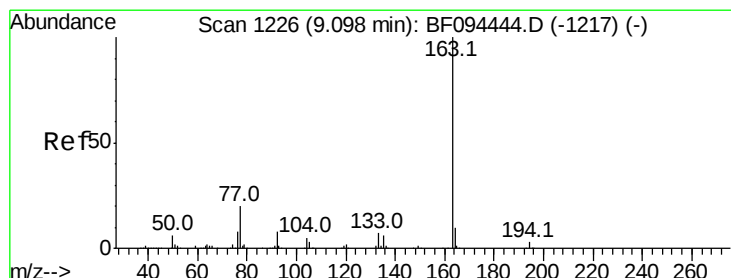
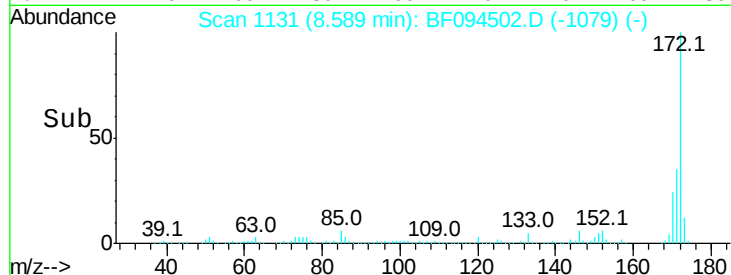
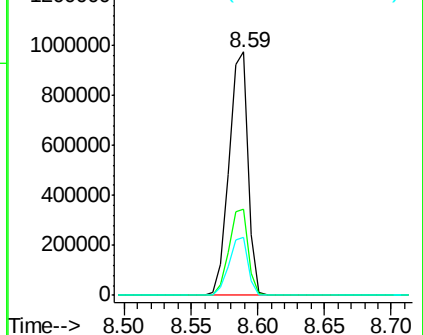
#44
2-Fluorobiphenyl
Concen: 78.61 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094502.D
Acq: 18 Apr 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 984112
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 24.0 19.8 29.8

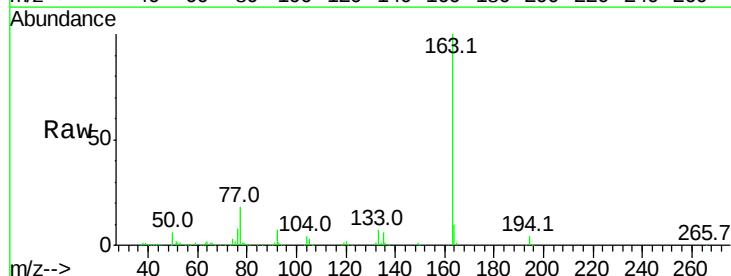


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

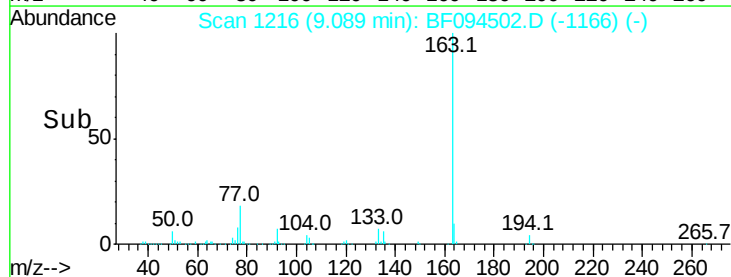
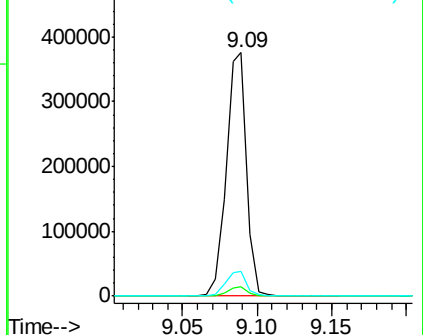


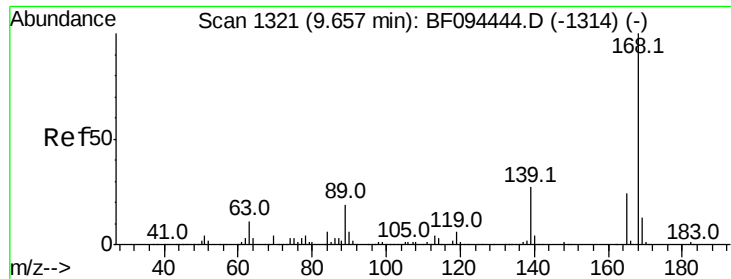
#49
Dimethylphthalate
Concen: 26.33 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094502.D
Acq: 18 Apr 2017 22:32

Tgt Ion:163 Resp: 361483
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.0 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

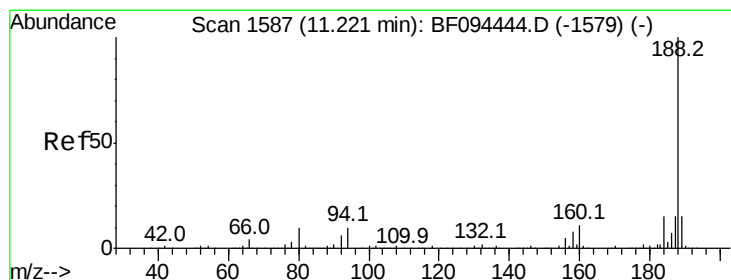
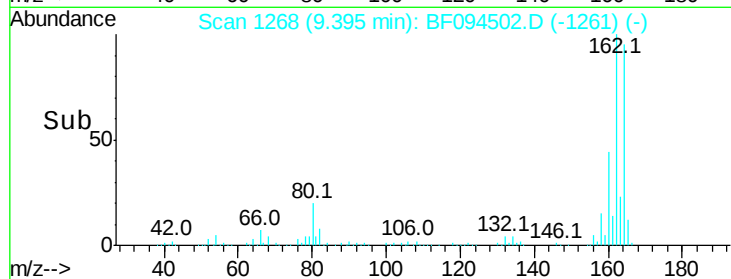
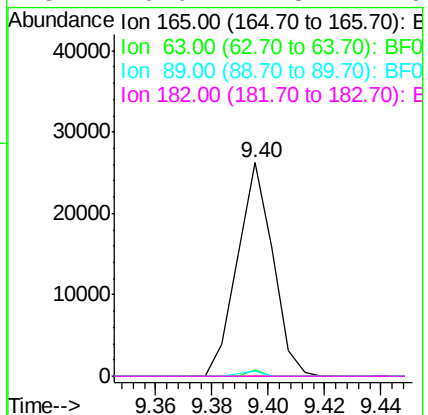
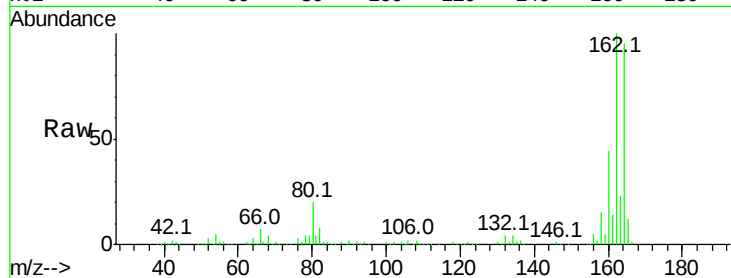




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094502.D
 Acq: 18 Apr 2017 22:32

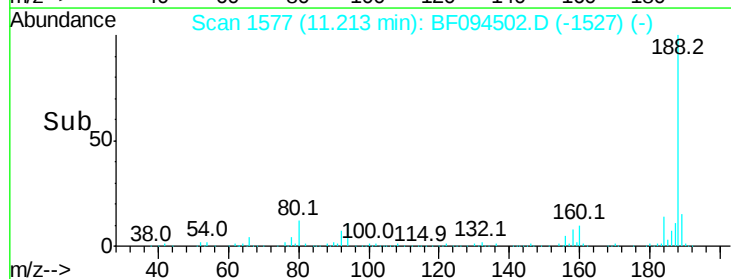
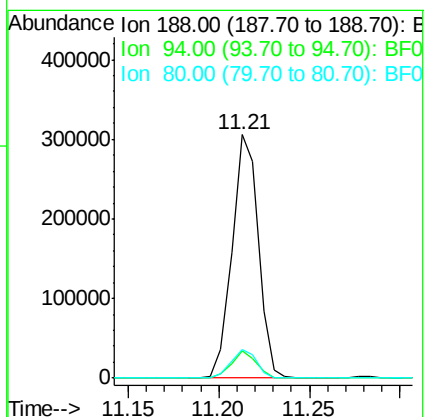
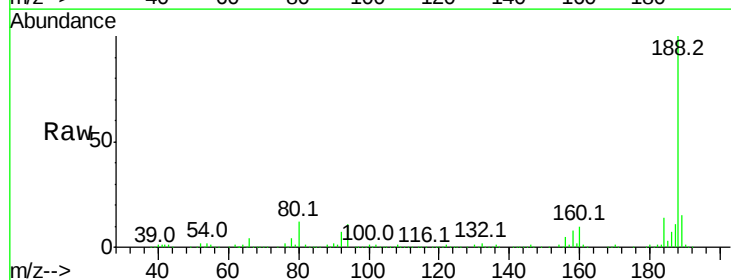
Instrument :
 BNA_F
 ClientSampleId :

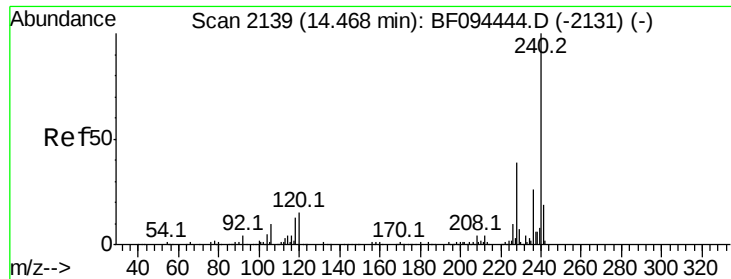
Tot Ion:	165	Resp:	22865
Ion	Ratio	Lower	Upper
165	100		
63	3.3	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094502.D
 Acq: 18 Apr 2017 22:32

Tgt Ion:	188	Resp:	308037
Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.0	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094502.D

Acq: 18 Apr 2017 22:32

Instrument :

BNA_F

ClientSampleId :

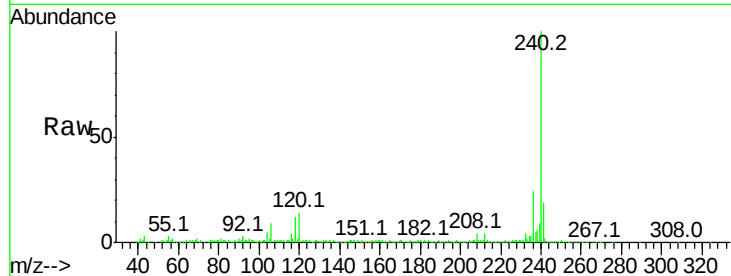
Tot Ion:240 Resp: 273409

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

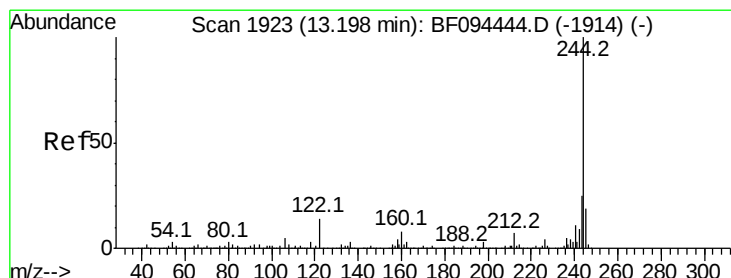
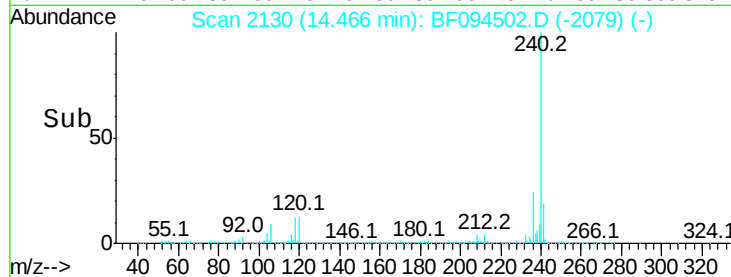
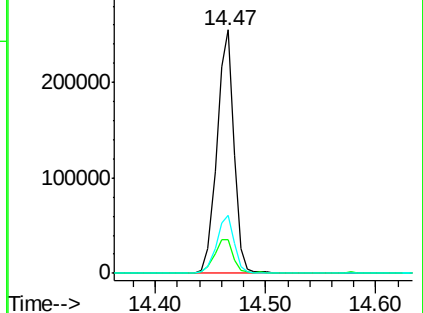
236 24.1 20.5 30.7



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: 59.63 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094502.D

Acq: 18 Apr 2017 22:32

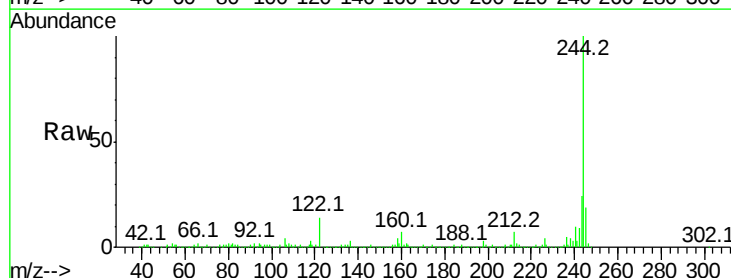
Tgt Ion:244 Resp: 609926

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

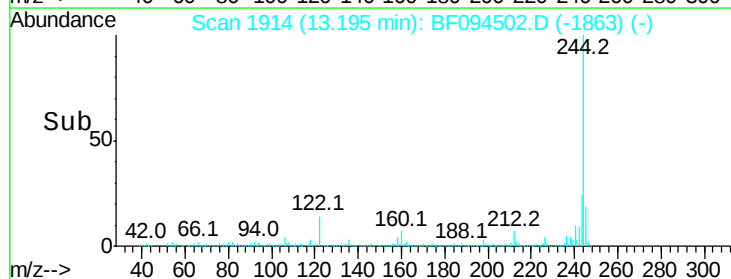
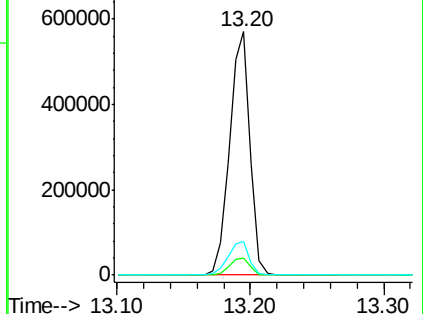
122 13.7 10.3 15.5

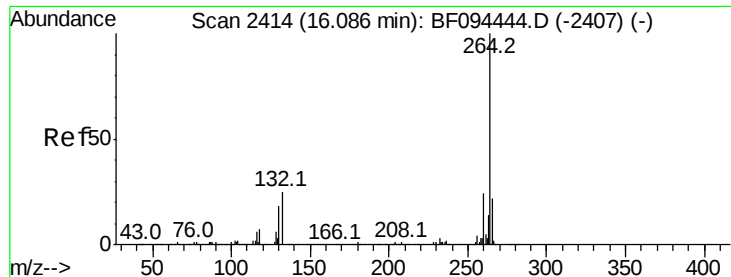


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



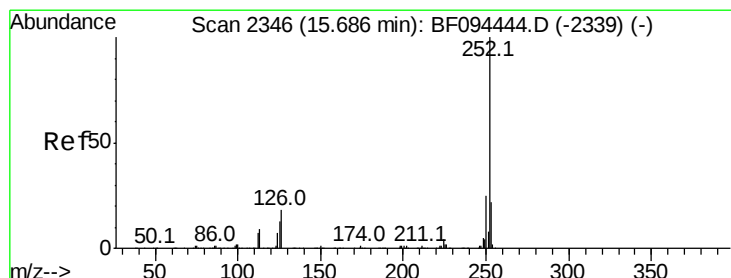
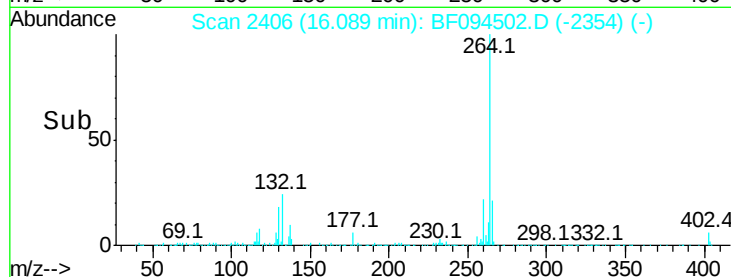
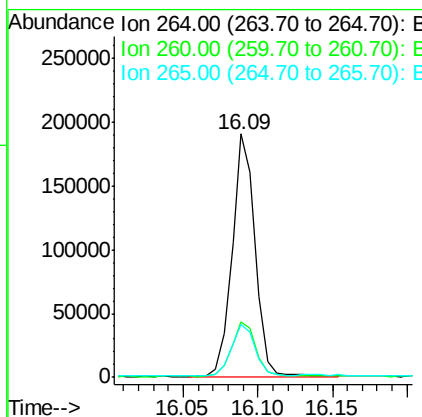
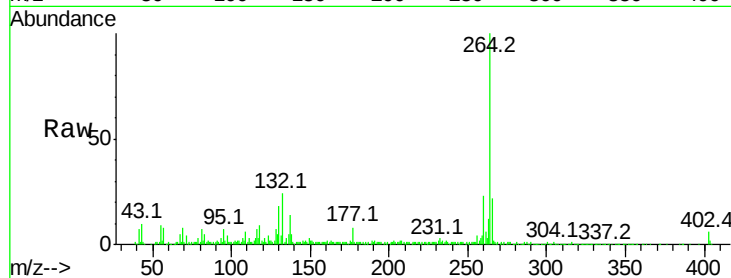


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094502.D
Acq: 18 Apr 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 205458

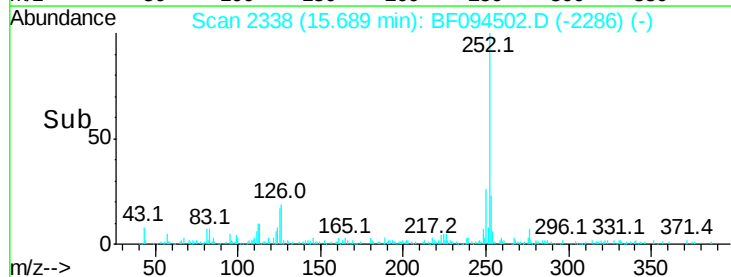
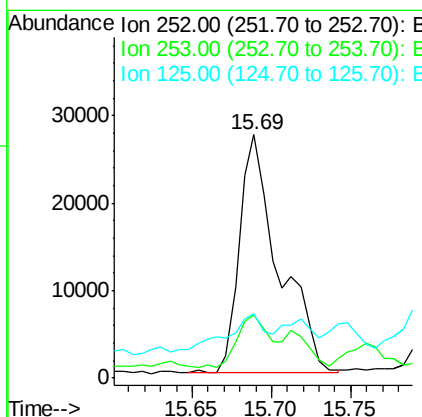
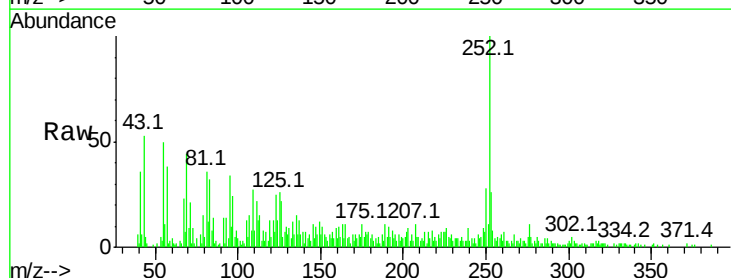
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.7	17.2	25.8

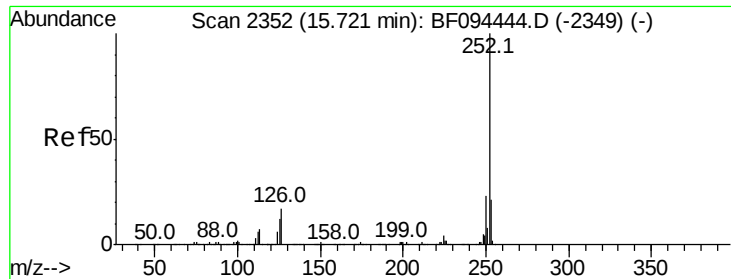


#87
Benzo(b)fluoranthene
Concen: 3.74 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094502.D
Acq: 18 Apr 2017 22:32

Tgt Ion:252 Resp: 46963

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	26.4	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 3.95 ng

RT: 15.69 min Scan# 2338

Delta R.T. -0.03 min

Lab File: BF094502.D

Acq: 18 Apr 2017 22:32

Instrument :

BNA_F

ClientSampleId :

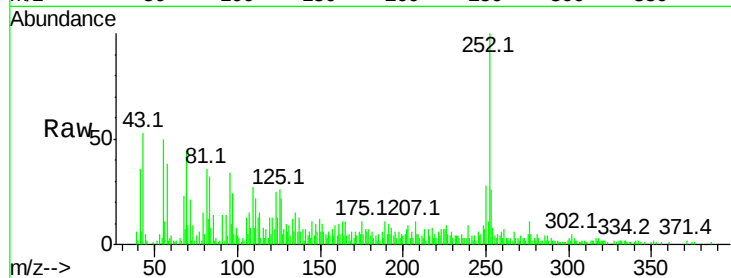
Tot Ion:252 Resp: 46963

Ion Ratio Lower Upper

252 100

253 26.0 18.4 27.6

125 26.4 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

