

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094600.D
 Acq On : 25 Apr 2017 12:54
 Operator : SJ/MA
 Sample : I2813-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:21:42 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

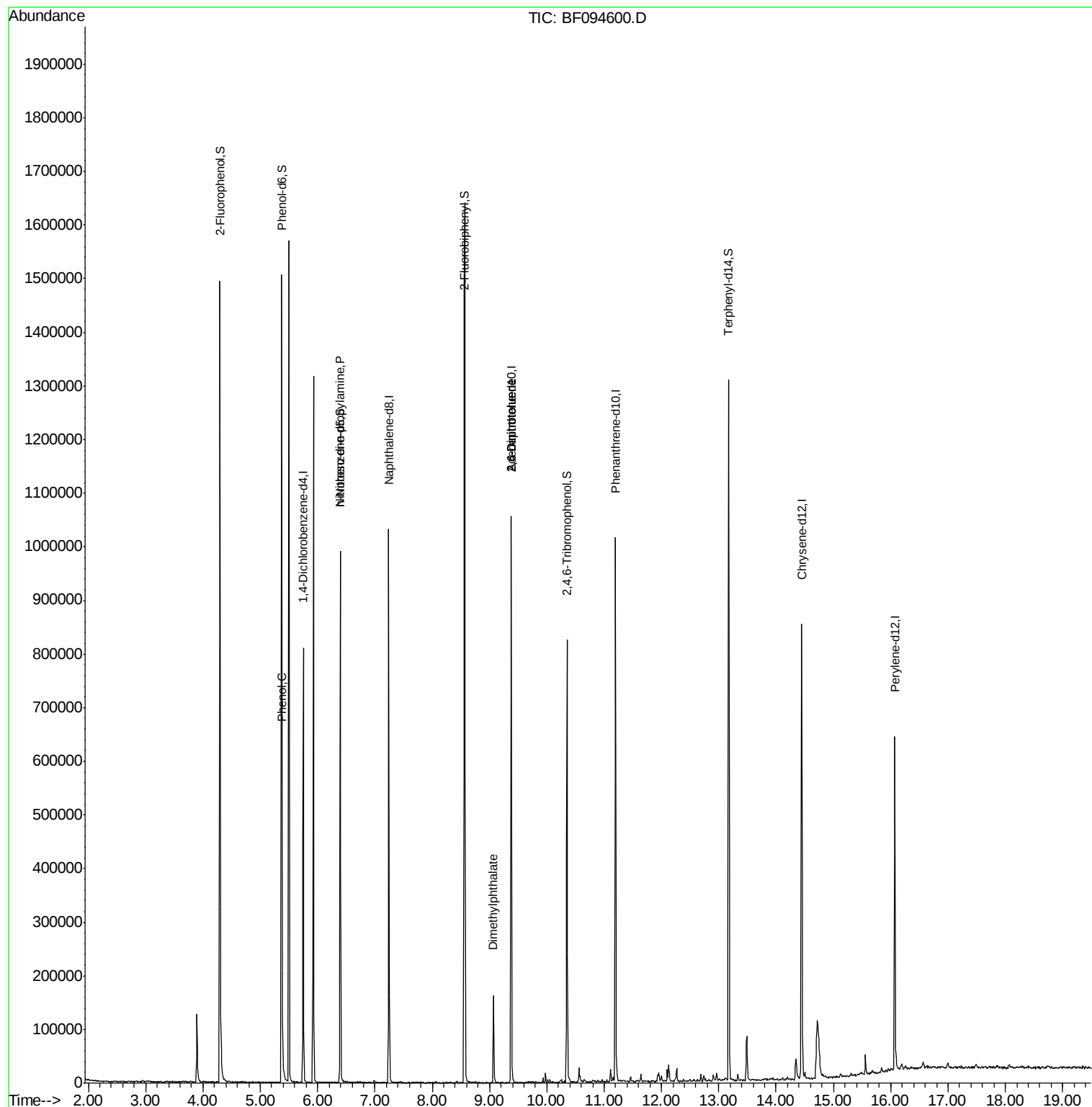
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	120553	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	482819	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	222609	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	418706	20.00	ng	-0.03
75) Chrysene-d12	14.45	240	346314	20.00	ng	-0.02
86) Perylene-d12	16.07	264	234549	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	441954	60.82	ng	0.00
7) Phenol-d6	5.37	99	536911	62.68	ng	-0.02
23) Nitrobenzene-d5	6.40	82	310825	39.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	100953	57.98	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	573371	37.90	ng	-0.02
78) Terphenyl-d14	13.17	244	470698	36.33	ng	-0.03
Target Compounds						
10) Phenol	5.38	94	28084	2.67	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	6.40	70	38975	6.87	ng	# 76
49) Dimethylphthalate	9.07	163	74573	4.50	ng	99
50) 2,6-Dinitrotoluene	9.38	165	28017	7.52	ng	# 34
56) 2,4-Dinitrotoluene	9.38	165	28016	6.13	ng	# 33

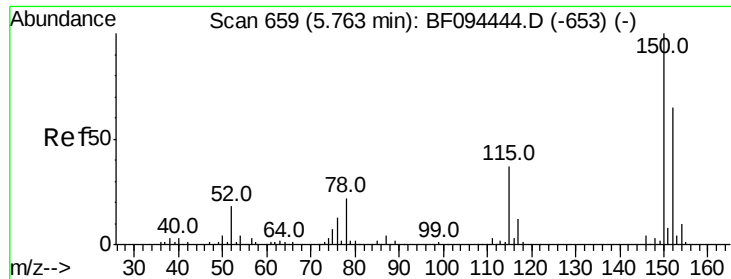
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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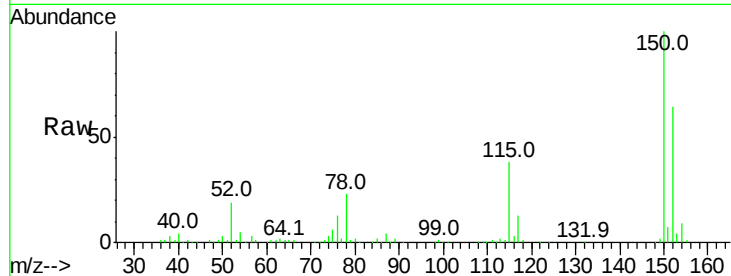


#1

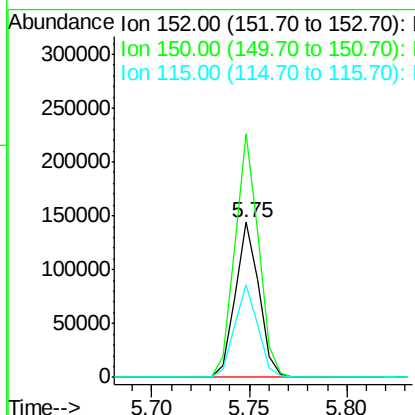
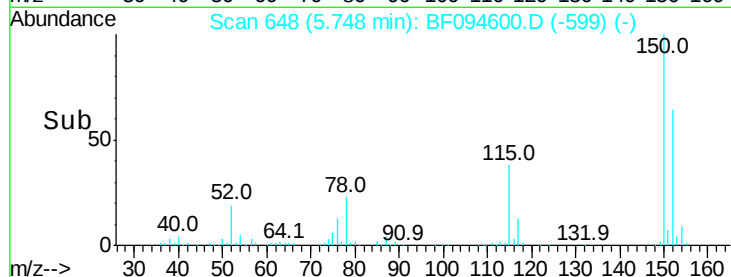
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120553
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 60.0 52.2 78.2



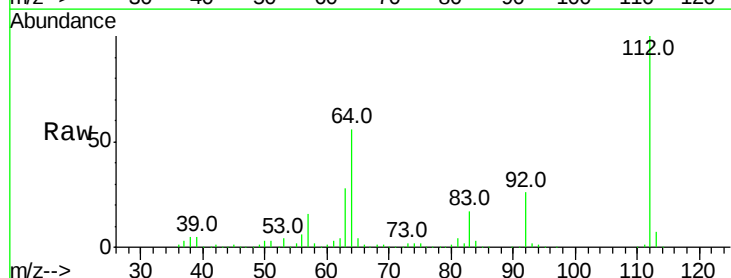
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



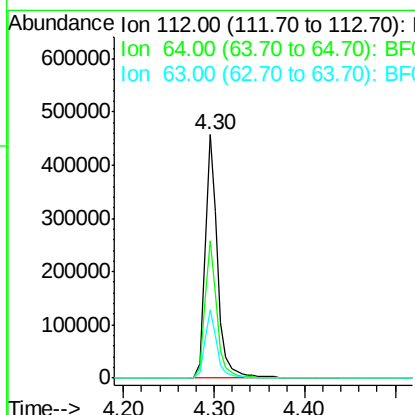
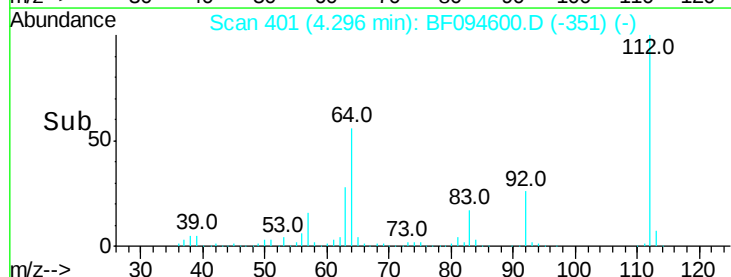
#5

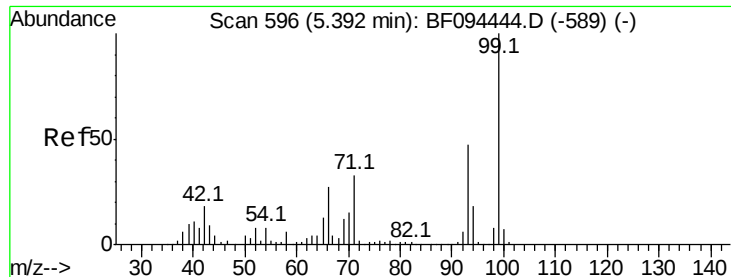
2-Fluorophenol
Concen: 60.82 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

Tgt Ion:112 Resp: 441954
Ion Ratio Lower Upper
112 100
64 56.2 46.0 69.0
63 28.1 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: 62.68 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094600.D

Acq: 25 Apr 2017 12:54

Instrument :

BNA_F

ClientSampleId :

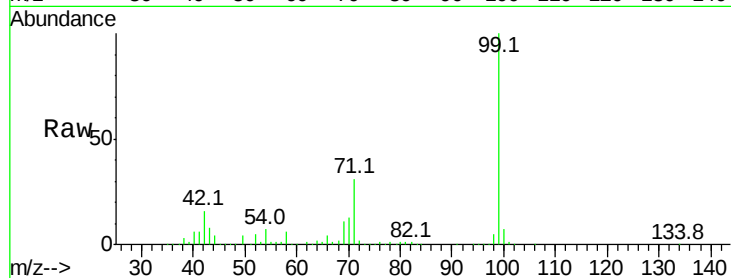
Tot Ion: 99 Resp: 536911

Ion Ratio Lower Upper

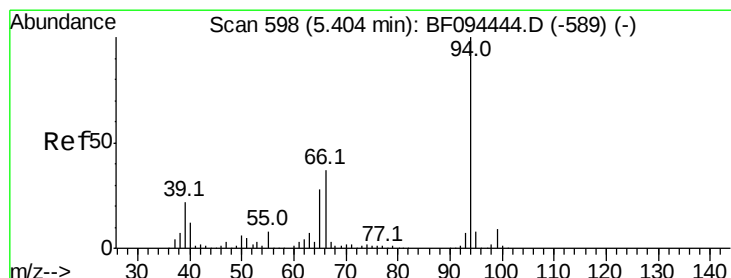
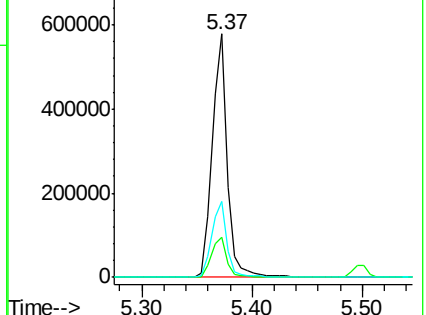
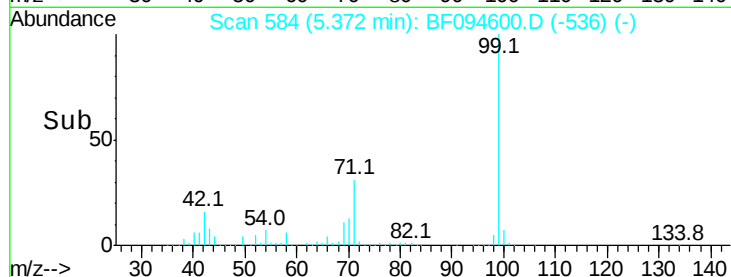
99 100

42 16.5 13.5 20.3

71 31.1 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: 2.67 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094600.D

Acq: 25 Apr 2017 12:54

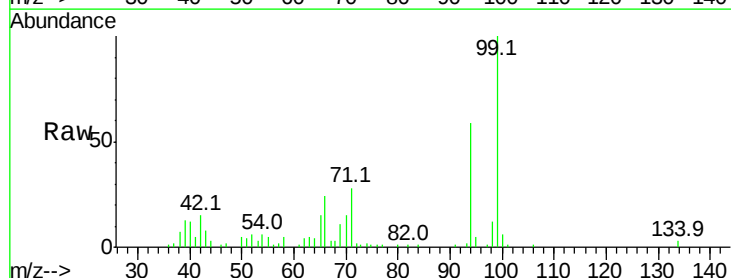
Tgt Ion: 94 Resp: 28084

Ion Ratio Lower Upper

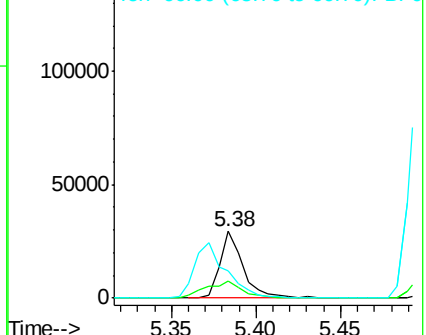
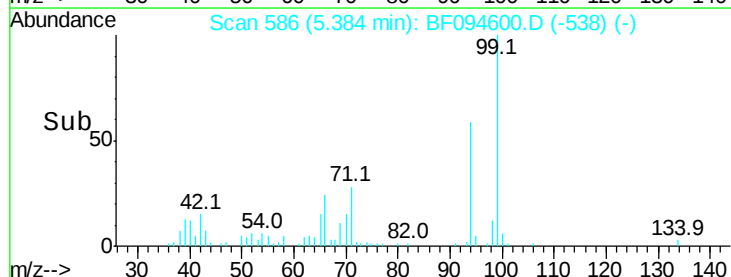
94 100

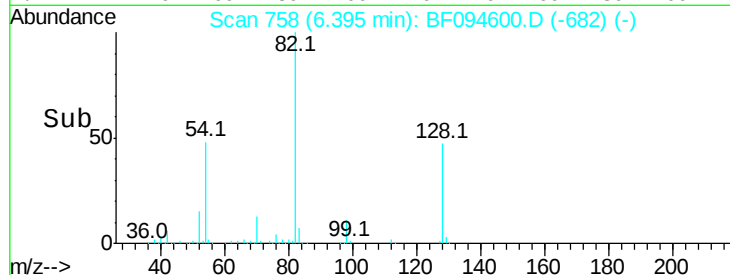
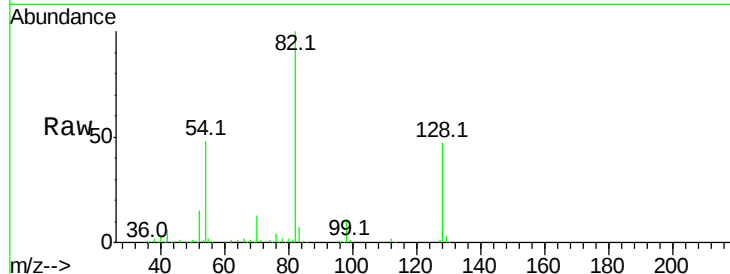
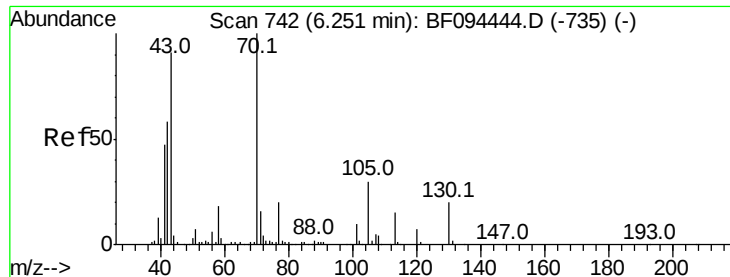
65 25.1 9.9 49.9

66 41.7 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

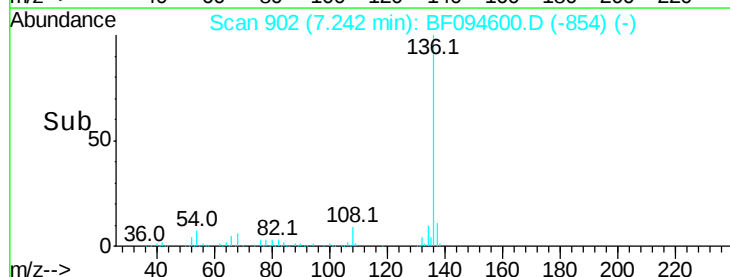
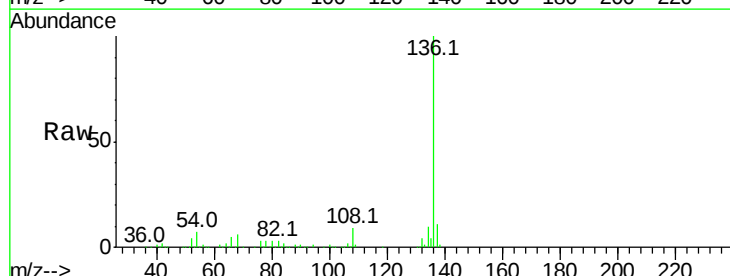
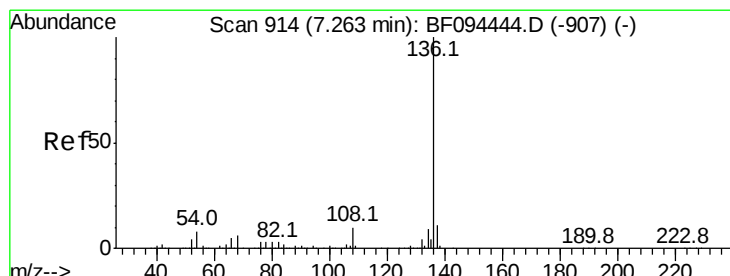
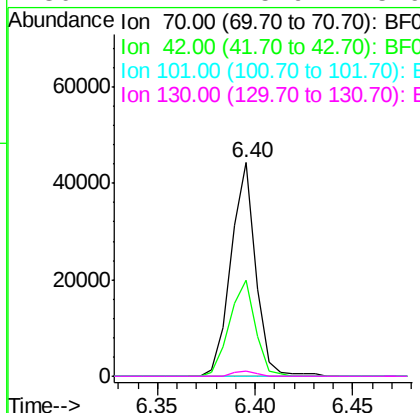




#19
n-Nitroso-di-n-propylamine
Concen: 6.87 ng
RT: 6.40 min Scan# 758
Delta R.T. 0.14 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

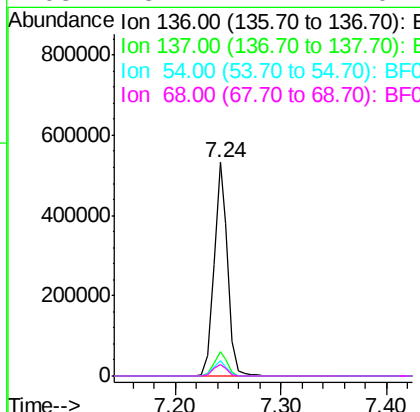
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 38975
Ion Ratio Lower Upper
70 100
42 45.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

Tgt Ion:136 Resp: 482819
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.2 4.9 7.3
68 5.7 4.1 6.1

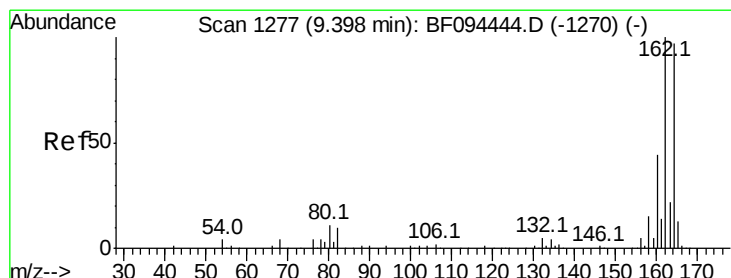
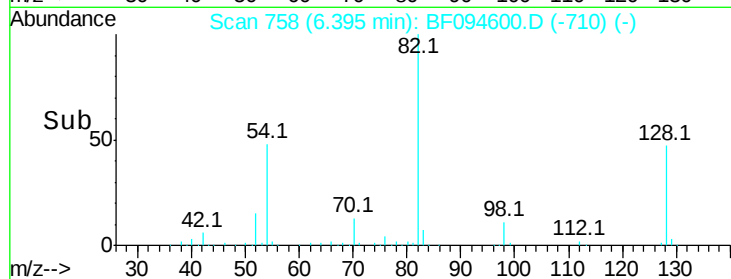
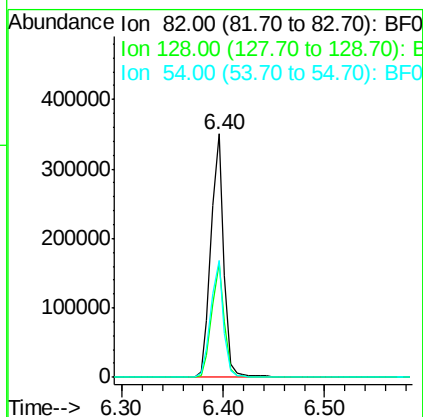
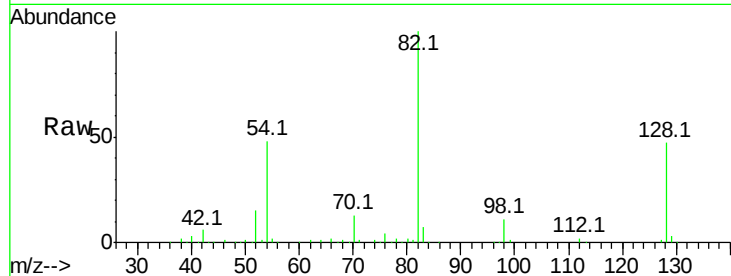




#23
 Nitrobenzene-d5
 Concen: 39.75 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

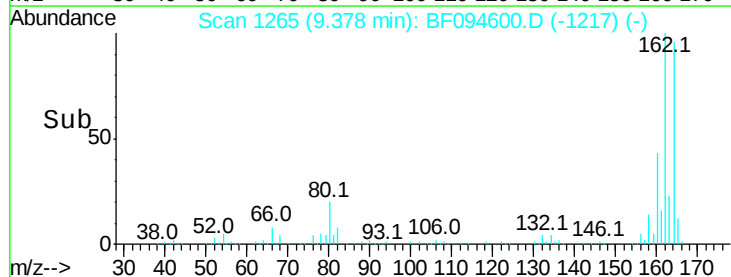
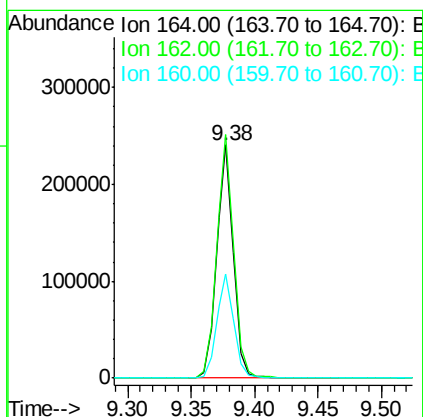
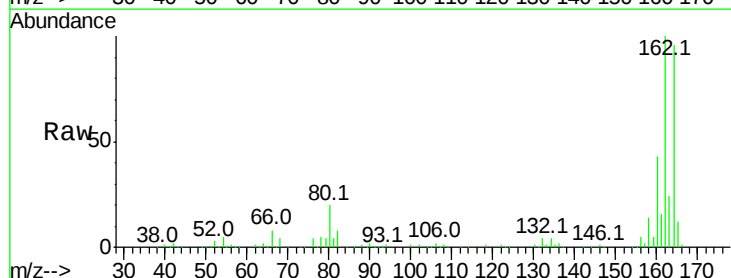
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 310825
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 47.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

Tgt Ion:164 Resp: 222609
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 44.4 36.2 54.2

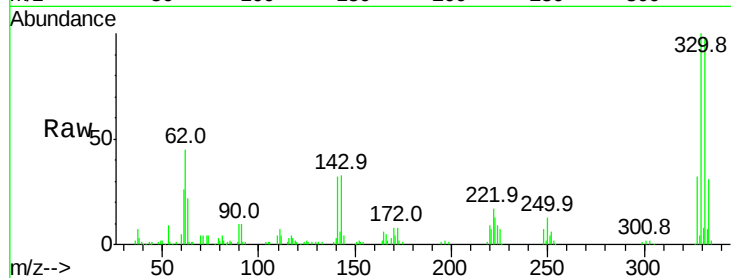




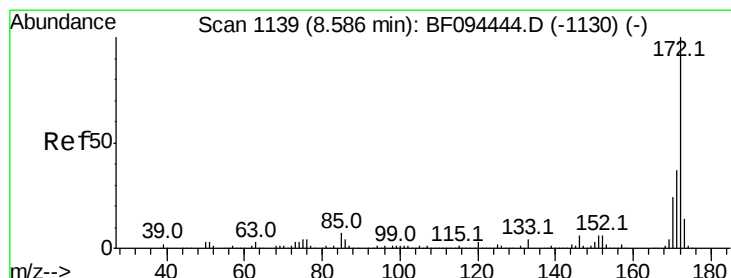
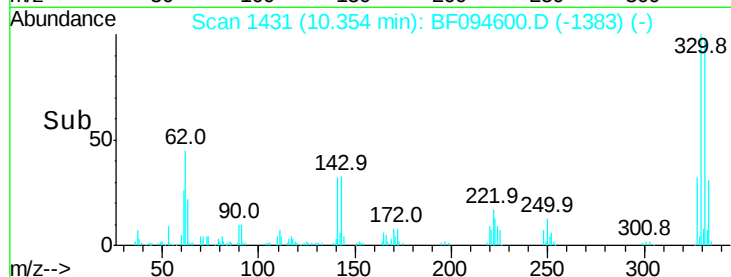
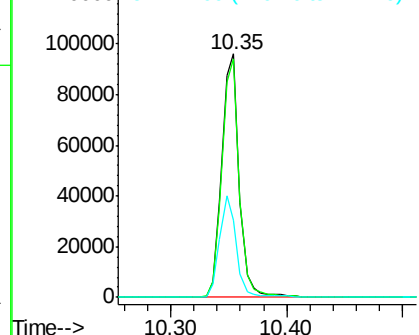
#41
 2,4,6-Tribromophenol
 Concen: 57.98 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 100953
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 40.1 31.4 47.2

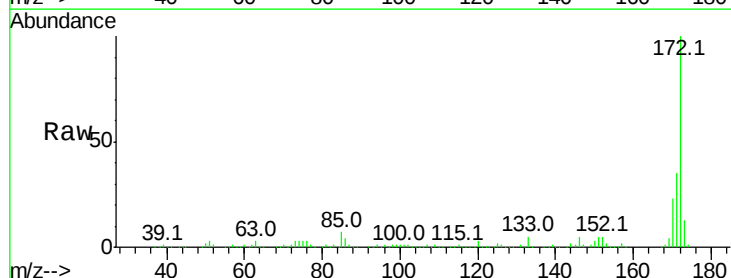


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

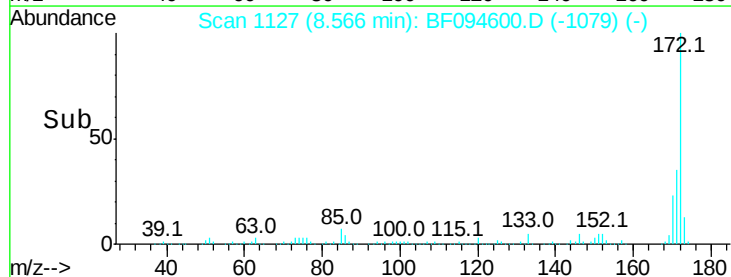
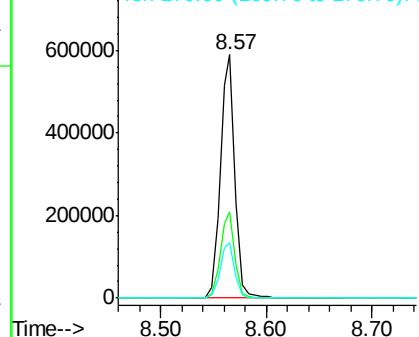


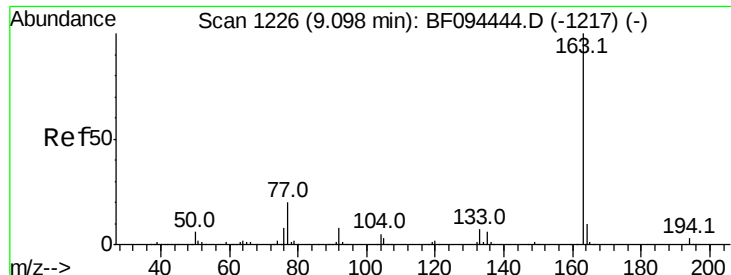
#44
 2-Fluorobiphenyl
 Concen: 37.90 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

Tgt Ion:172 Resp: 573371
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.0 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

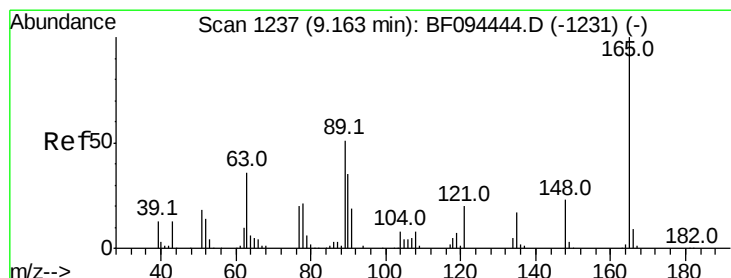
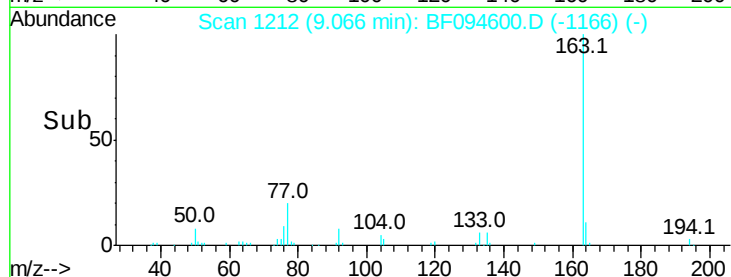
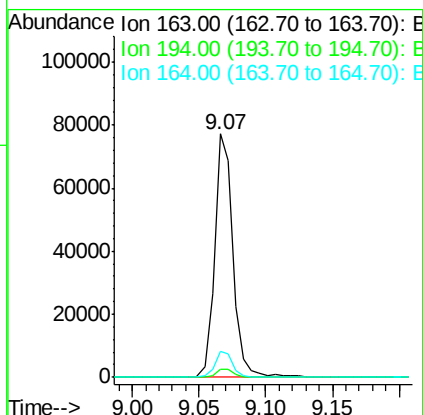
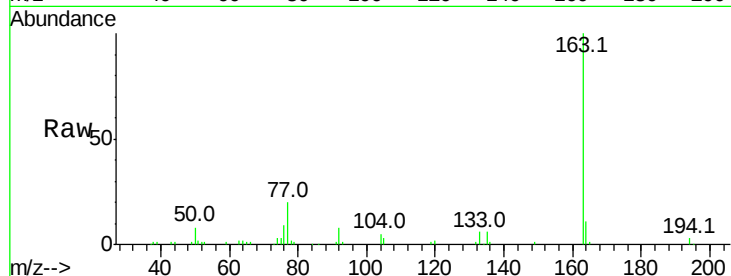




#49
Dimethylphthalate
Concen: 4.50 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

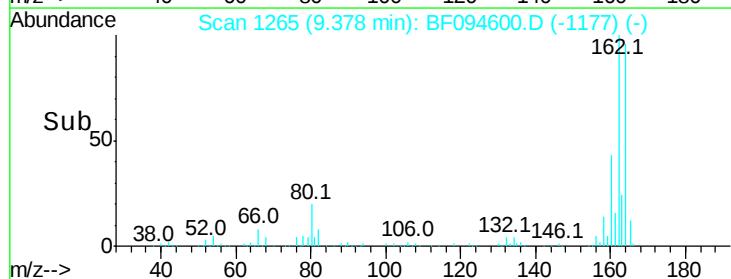
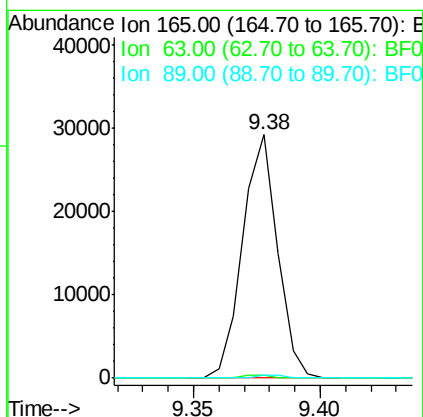
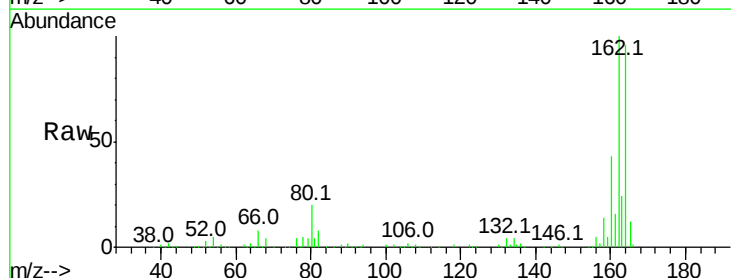
Instrument :
BNA_F
ClientSampled :

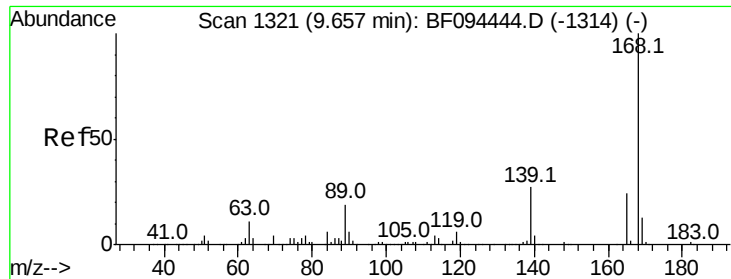
Tot Ion:163 Resp: 74573
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.8 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.38 min Scan# 1265
Delta R.T. 0.21 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

Tgt Ion:165 Resp: 28017
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.4 37.1 55.7#

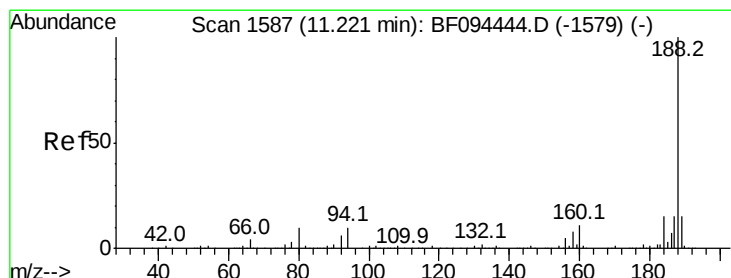
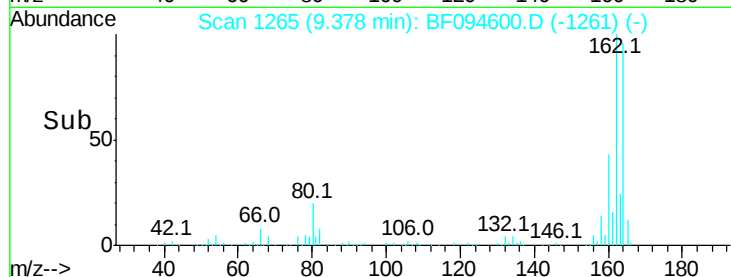
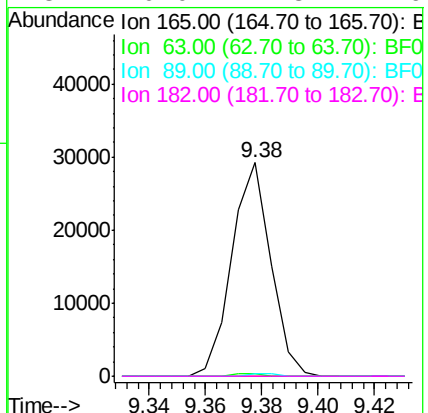
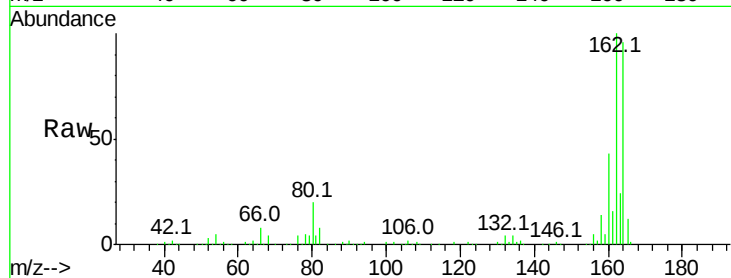




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

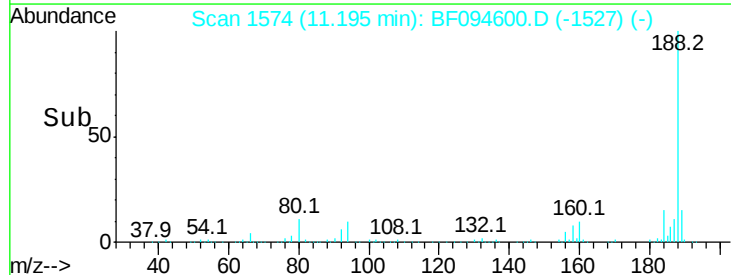
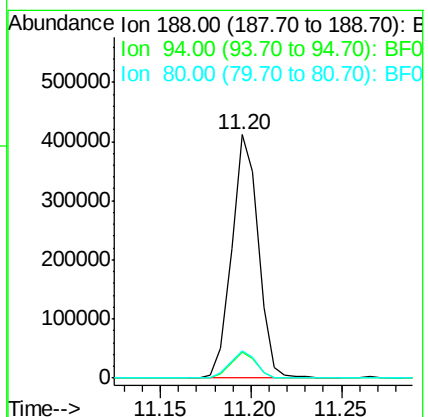
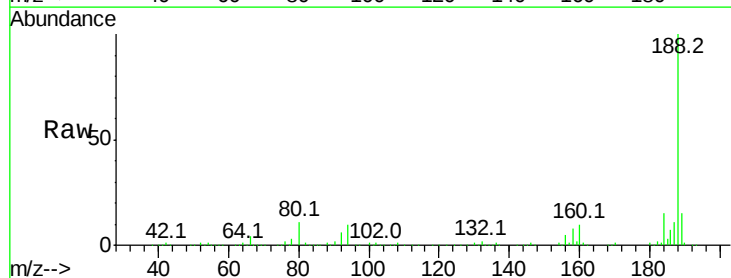
Instrument :
 BNA_F
 ClientSampleId :

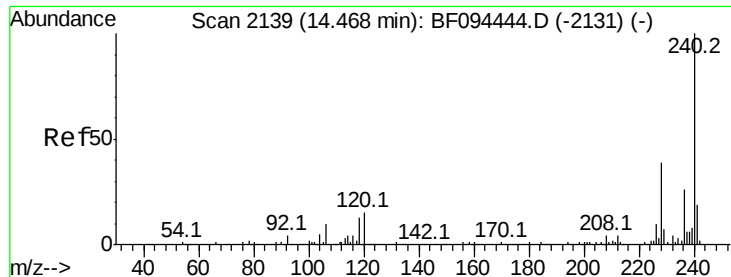
Tot Ion:165 Resp: 28016
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.4 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1574
 Delta R.T. -0.03 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

Tgt Ion:188 Resp: 418706
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.1 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: BF094600.D

Acq: 25 Apr 2017 12:54

Instrument :

BNA_F

ClientSampleId :

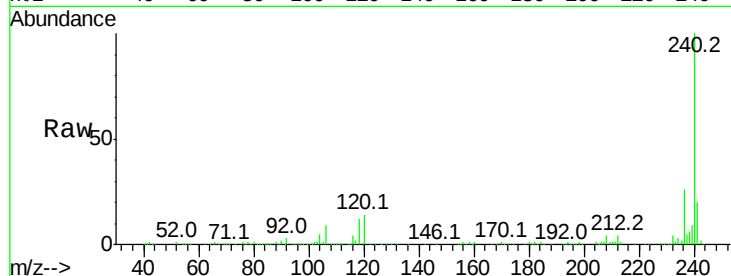
Tot Ion:240 Resp: 346314

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

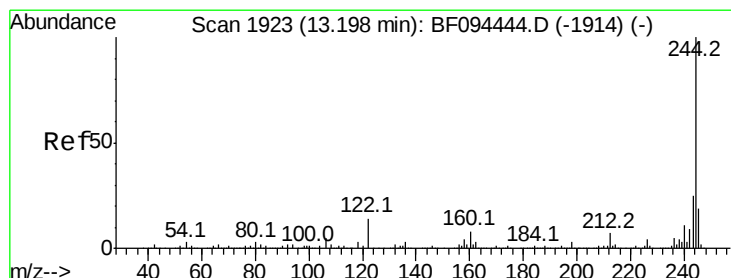
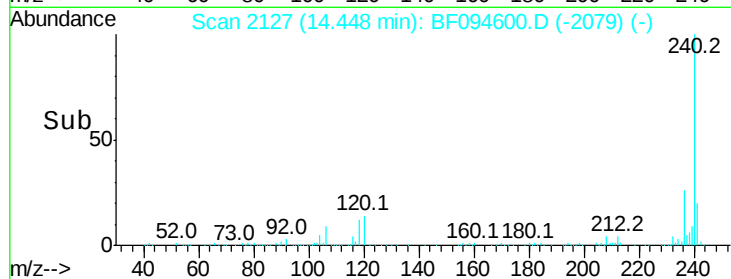
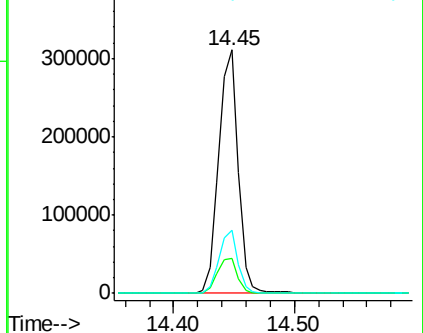
236 26.0 20.5 30.7



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: 36.33 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BF094600.D

Acq: 25 Apr 2017 12:54

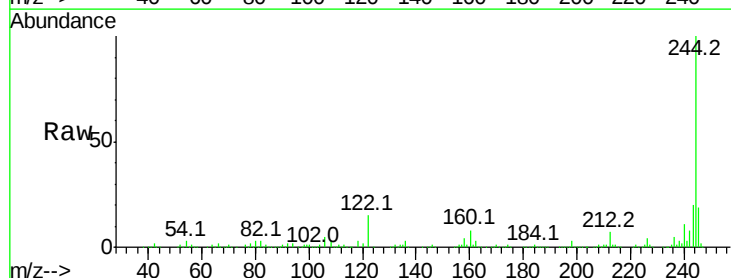
Tgt Ion:244 Resp: 470698

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

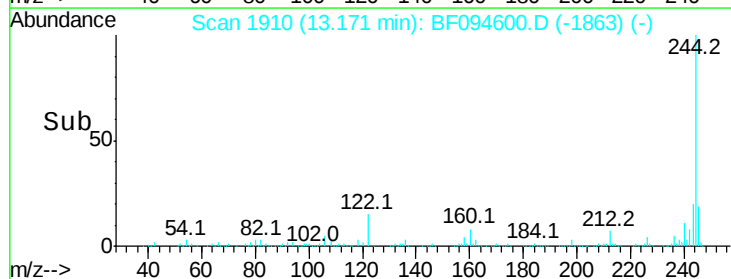
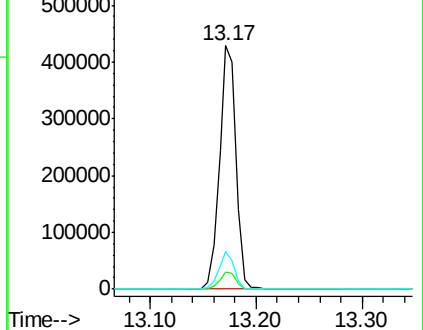
122 15.2 10.3 15.5

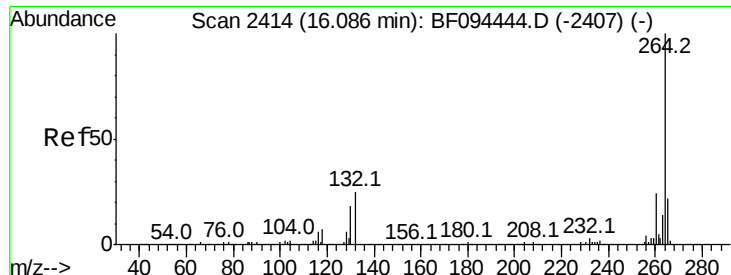


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

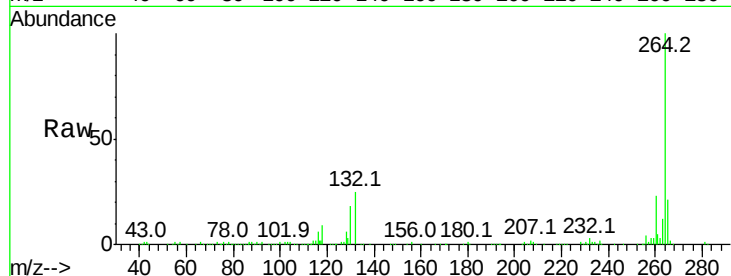




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.2	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

