

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 :
 E2-W8-BASE

Quant Time: Apr 26 02:13:49 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

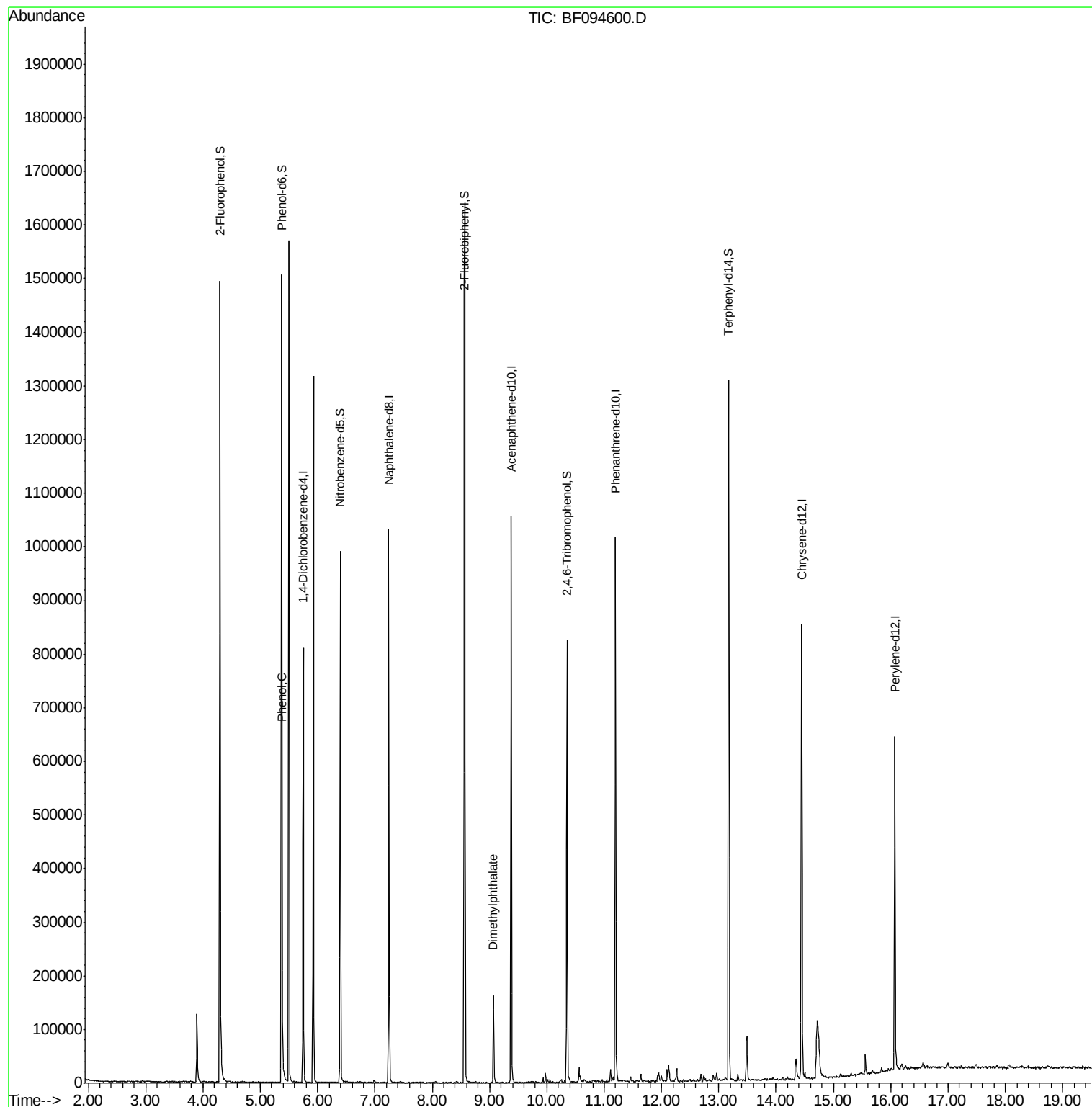
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	120553	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	482819	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	222609	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	418706	20.00	ng	-0.03
75) Chrysene-d12	14.45	240	346314	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	95
49) Dimethylphthalate	9.07	163	74573	4.50	ng	99

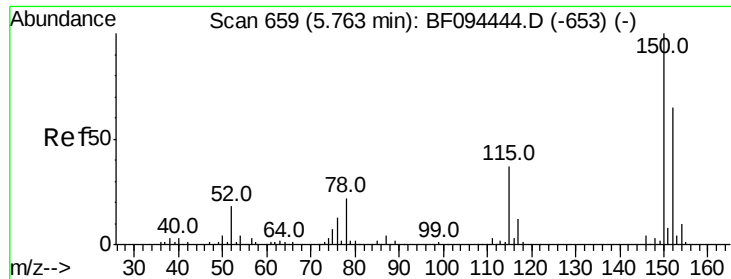
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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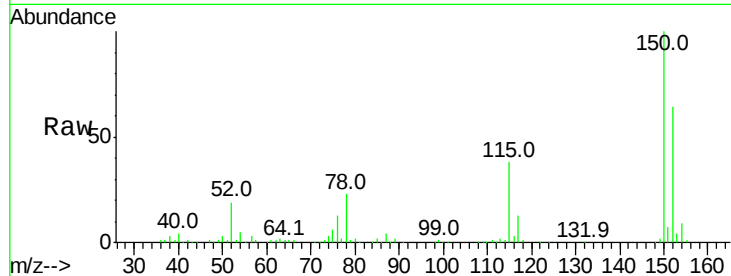


#1

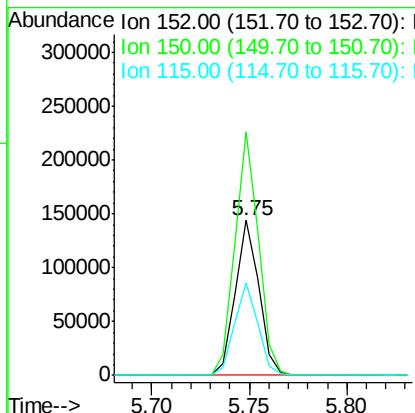
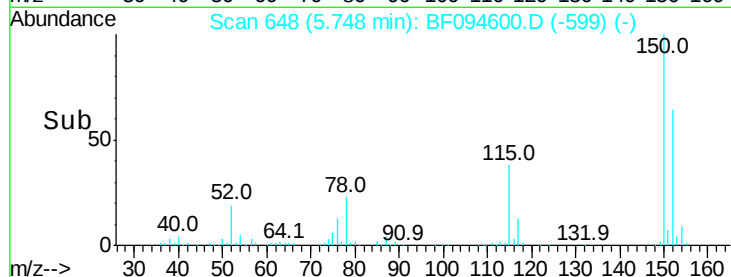
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASE

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



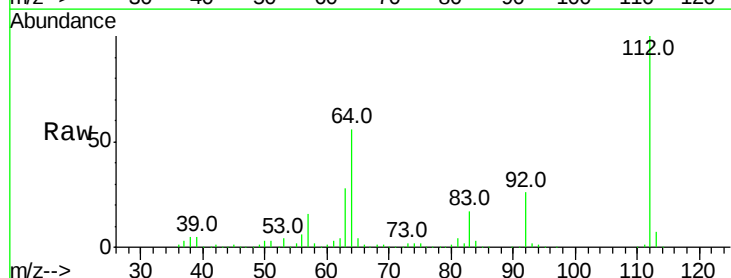
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



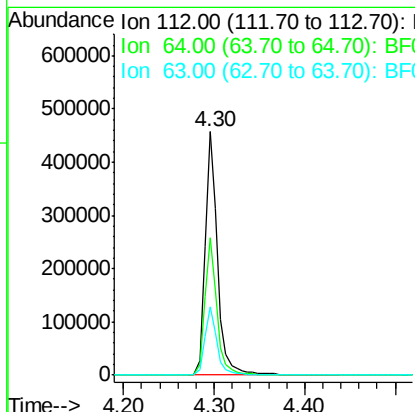
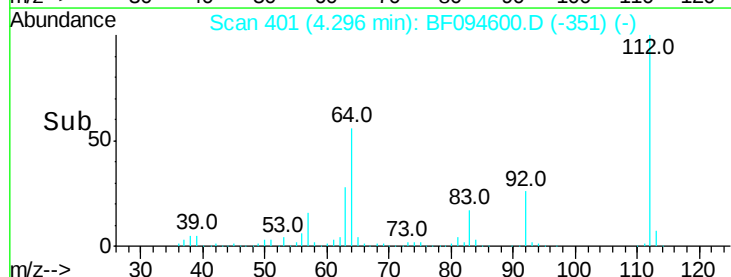
#5

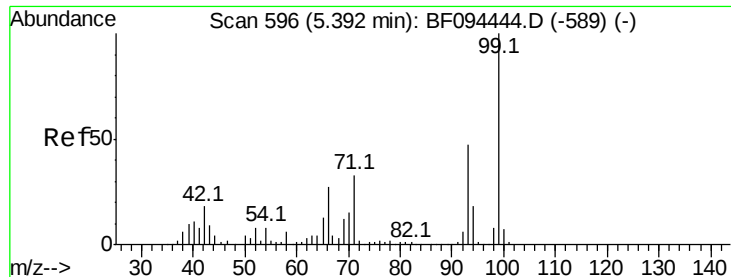
2-Fluorophenol
Concen: 60.82 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

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 :

E2-W8-BASE

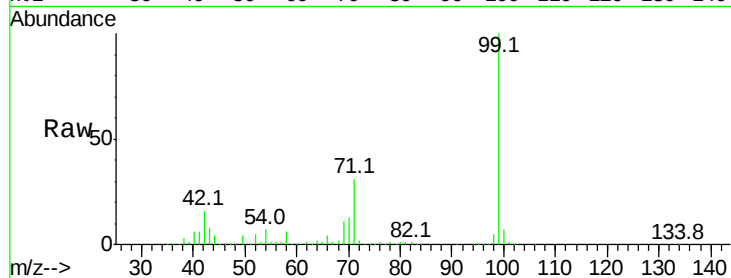
Tot Ion: 99 Resp: 536911

Ion Ratio Lower Upper

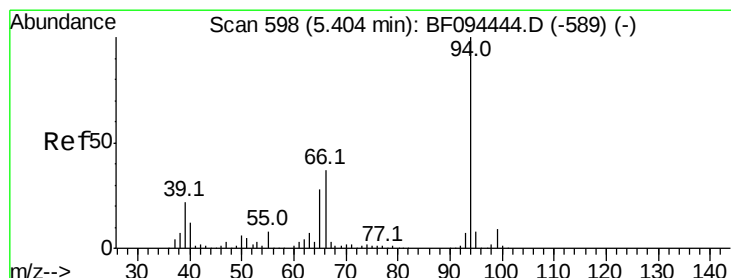
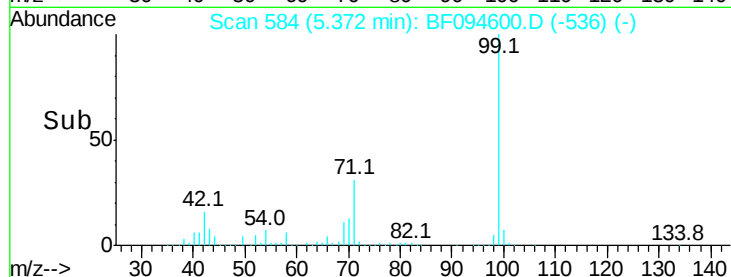
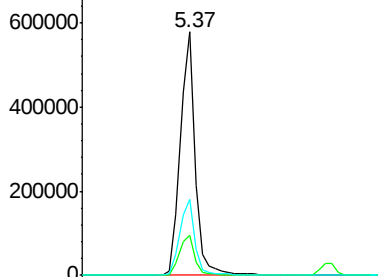
99 100

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

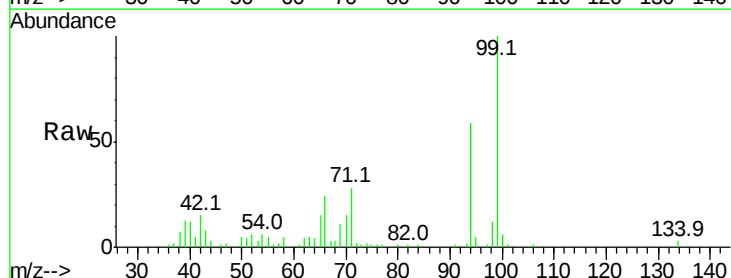
Tgt Ion: 94 Resp: 28084

Ion Ratio Lower Upper

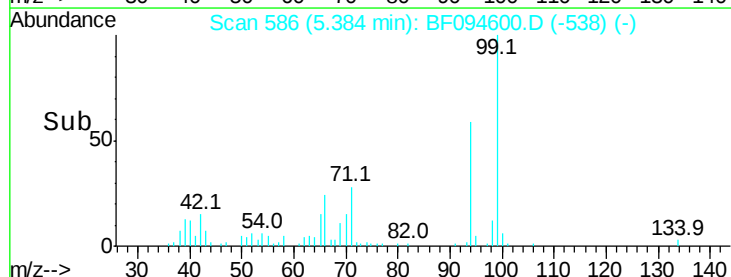
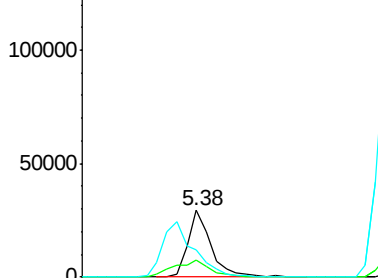
94 100

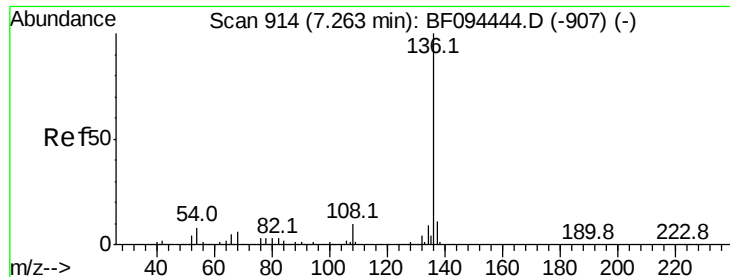
65 25.1 9.9 49.9

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





#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

Instrument :

BNA_F

ClientSampleId :

E2-W8-BASE

Tot Ion:136 Resp: 482819

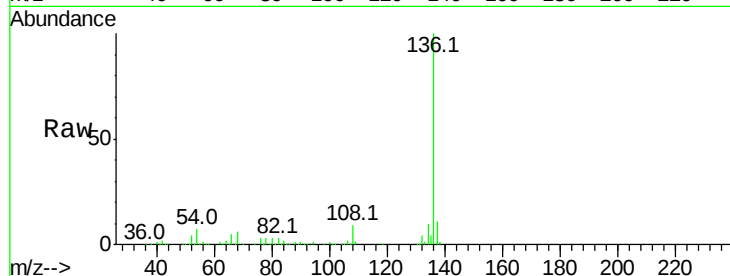
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.2 4.9 7.3

68 5.7 4.1 6.1

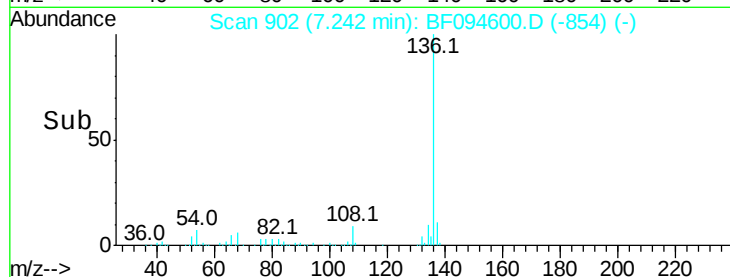


Abundance Ion 136.00 (135.70 to 136.70): E

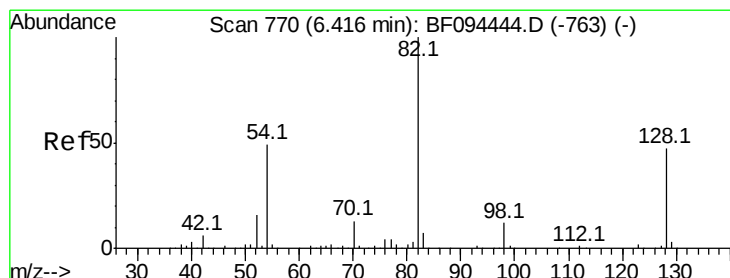
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 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

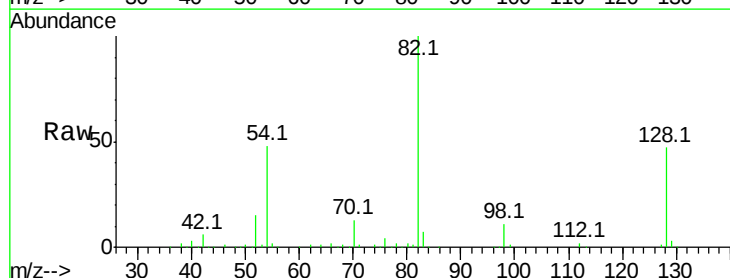
Tgt Ion: 82 Resp: 310825

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

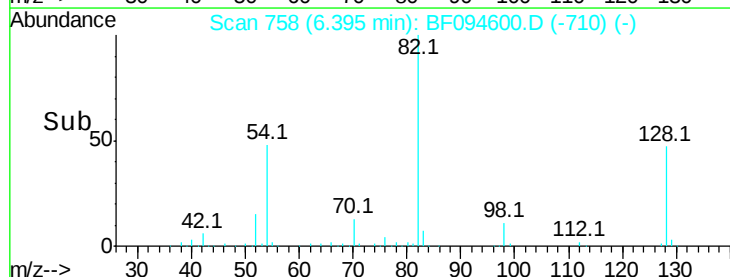
54 47.9 42.2 63.2



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-->



#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

Instrument :

BNA_F

ClientSampleId :

E2-W8-BASE

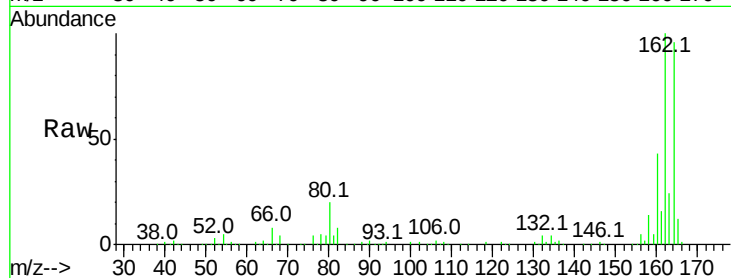
Tot Ion:164 Resp: 222609

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

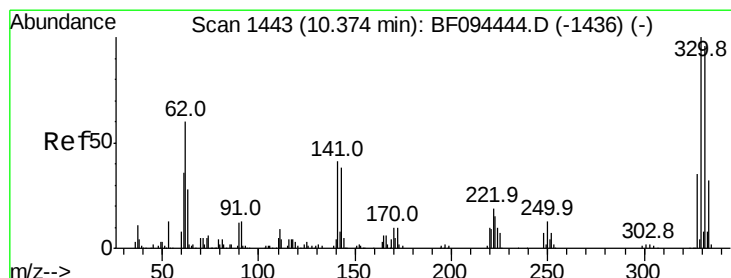
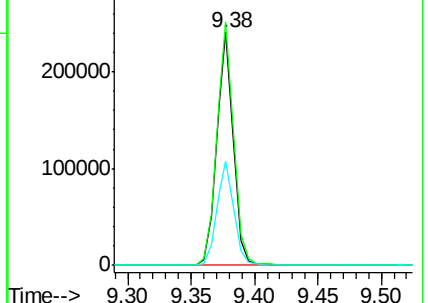
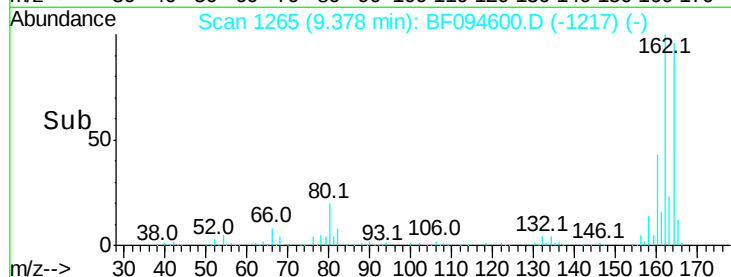
160 44.4 36.2 54.2



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: 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

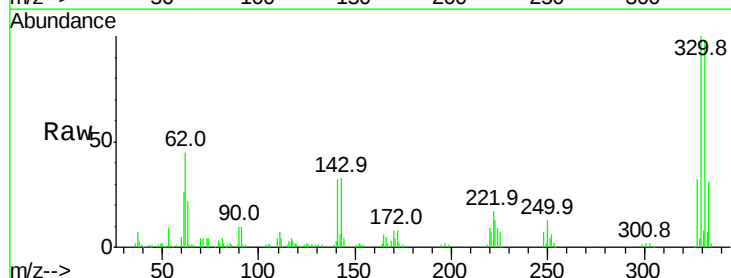
Tgt Ion:330 Resp: 100953

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

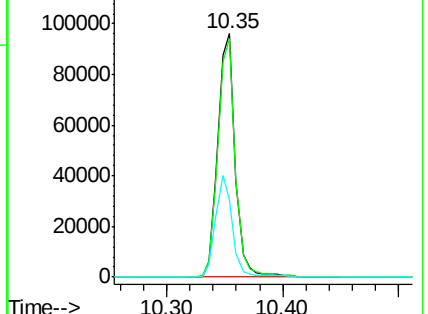
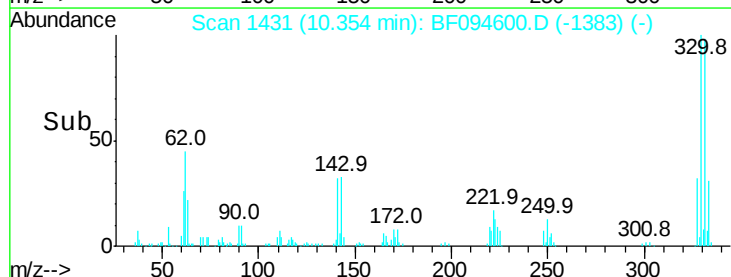
141 40.1 31.4 47.2

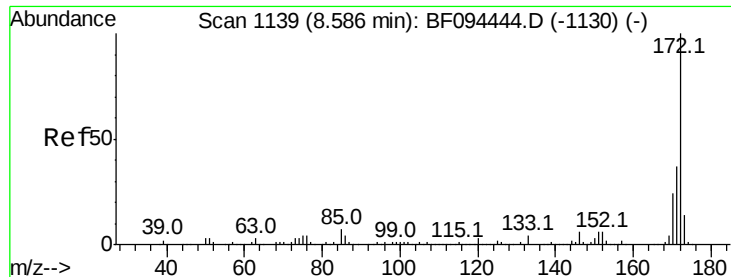


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

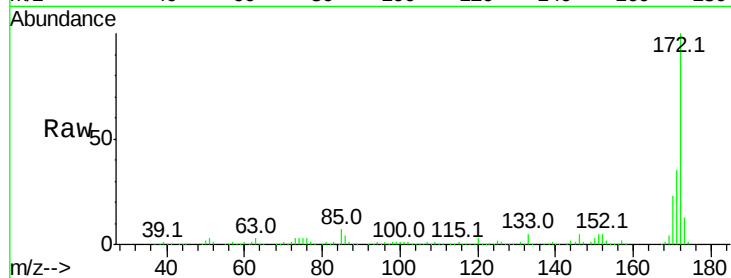




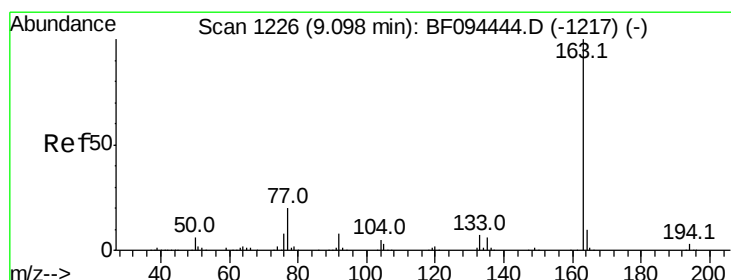
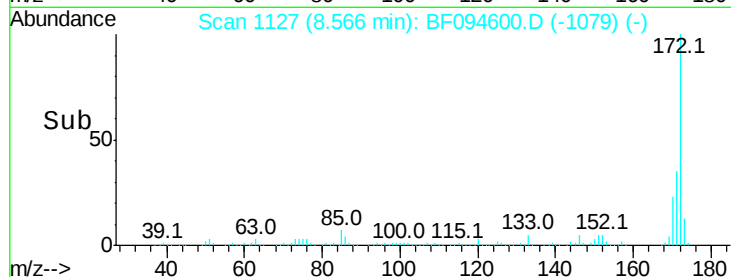
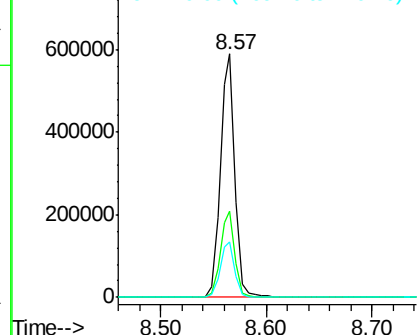
#44
2-Fluorobiphenyl
Concen: 37.90 ng
RT: 8.57 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASE

Tot Ion:172 Resp: 573371
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.0 19.8 29.8

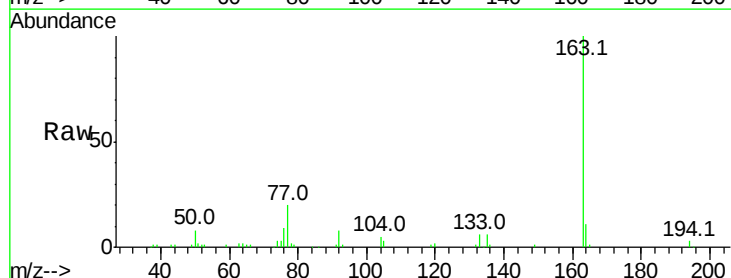


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

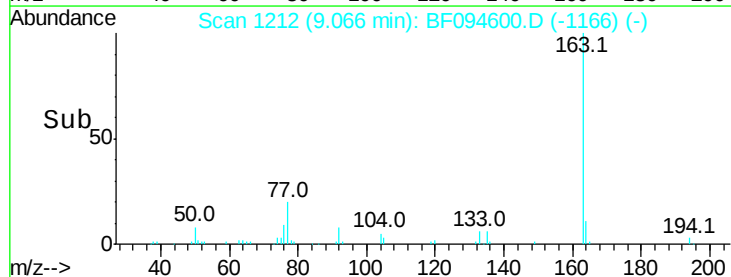
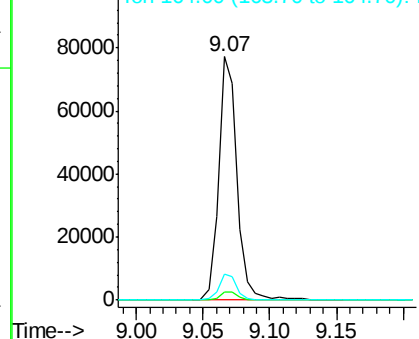


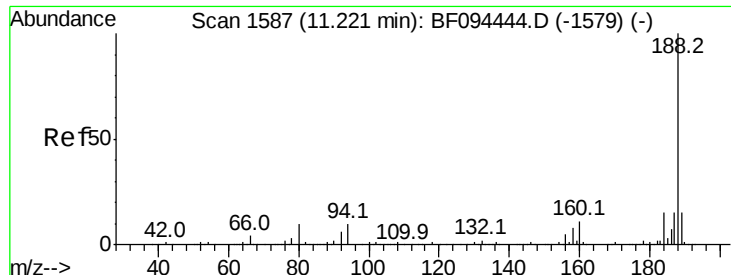
#49
Dimethylphthalate
Concen: 4.50 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094600.D
Acq: 25 Apr 2017 12:54

Tgt Ion:163 Resp: 74573
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.8 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

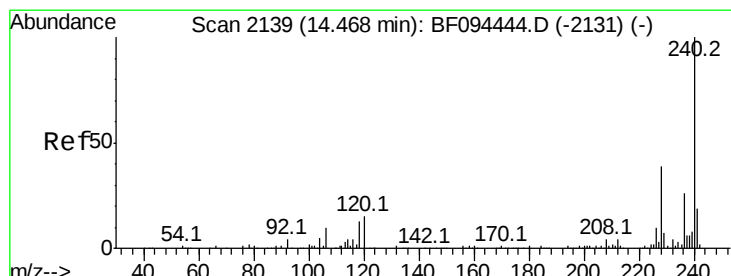
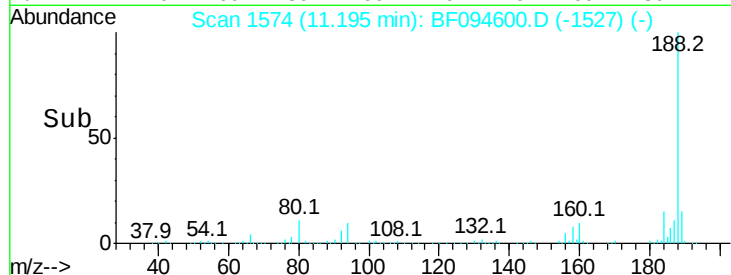
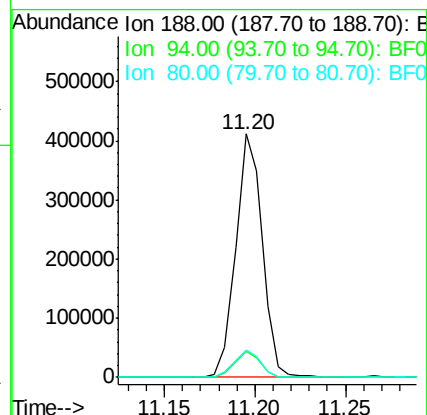
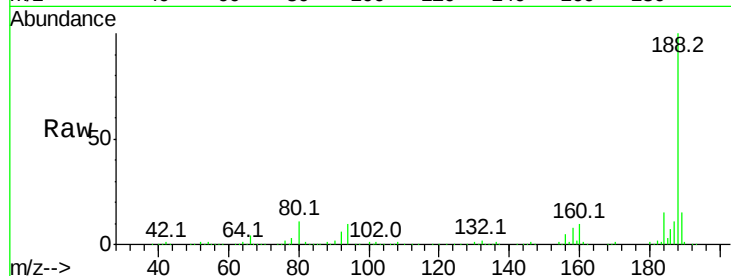




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1574
 Delta R.T. -0.03 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

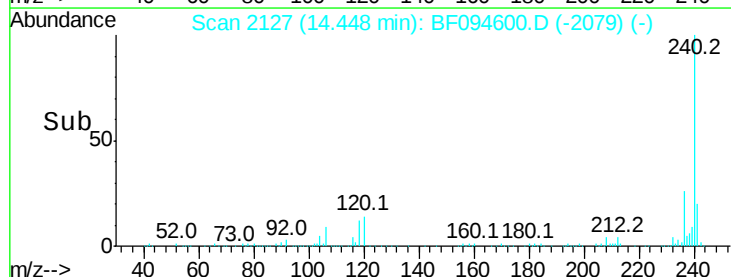
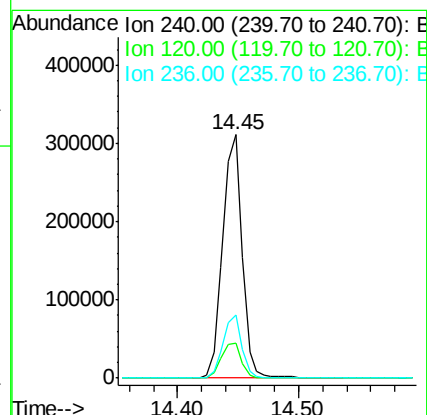
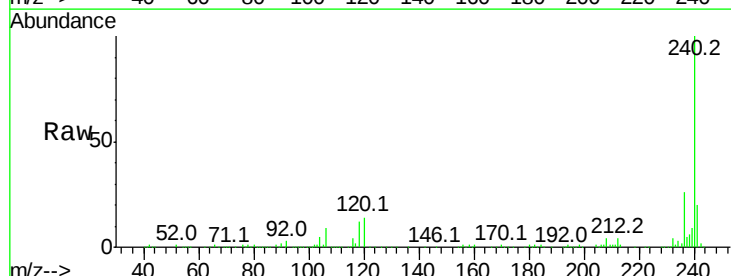
Instrument :
 BNA_F
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 E2-W8-BASE

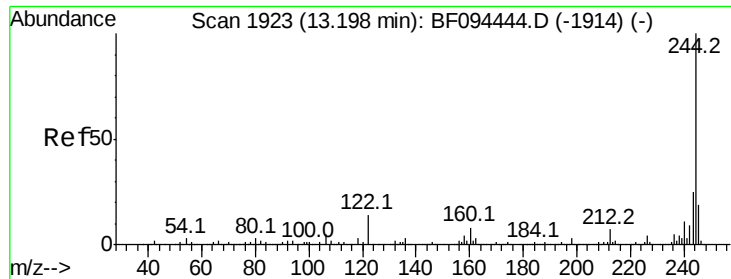
Tot Ion:188 Resp: 418706
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.1 10.2 15.2



#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

Tgt Ion:240 Resp: 346314
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 26.0 20.5 30.7

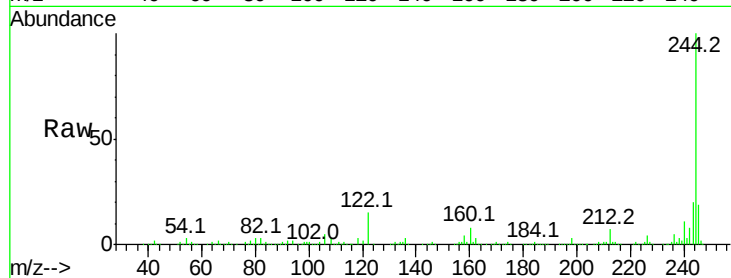




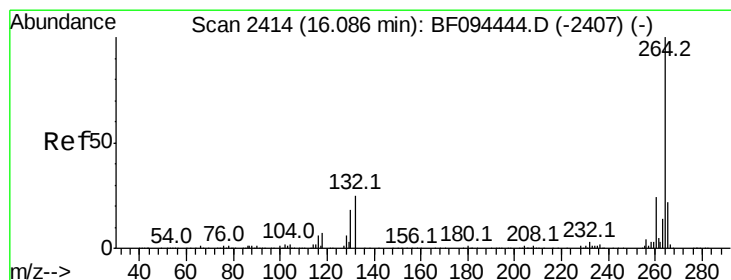
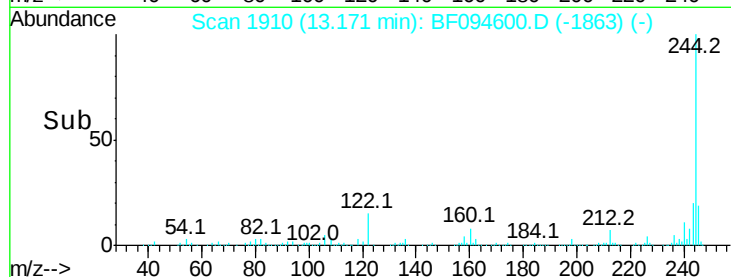
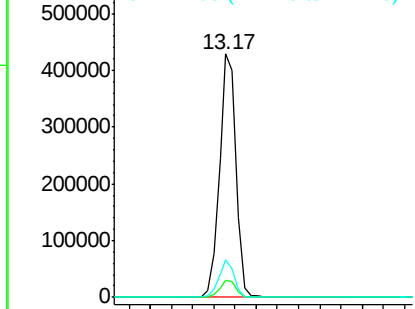
#78
 Terphenyl-d14
 Concen: 36.33 ng
 RT: 13.17 min Scan# 1910
 Delta R.T. -0.03 min
 Lab File: BF094600.D
 Acq: 25 Apr 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASE

Tot Ion:244 Resp: 470698
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.2 10.3 15.5

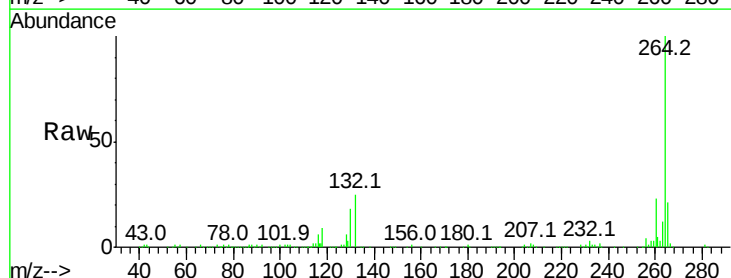


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-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

Tgt Ion:264 Resp: 234549
 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

