

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082003.D
 Acq On : 3 Oct 2015 4:34
 Operator : UM/IZ
 Sample : PB85910BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BL

Quant Time: Oct 03 05:43:13 2015
 Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	97826	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	410212	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	205719	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	404324	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	389604	20.00	ng	-0.05
86) Perylene-d12	15.53	264	292506	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	578826	107.41	ng	-0.03
7) Phenol-d6	6.51	99	779572	114.96	ng	-0.05
23) Nitrobenzene-d5	7.45	82	441556	71.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	201184	96.56	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	942187	74.89	ng	-0.05
78) Terphenyl-d14	13.02	244	1016504	83.99	ng	-0.03

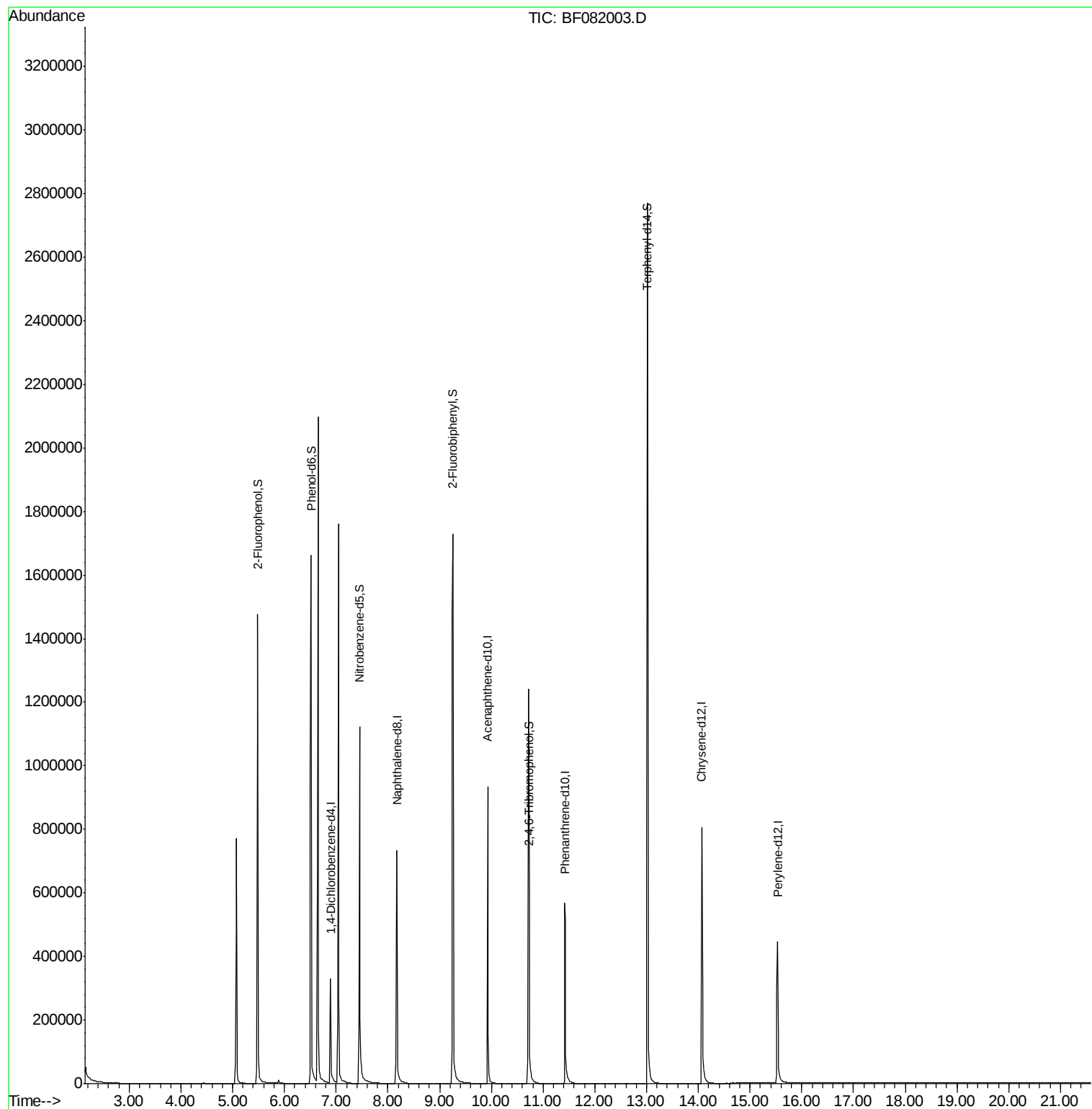
Target Compounds Qvalue

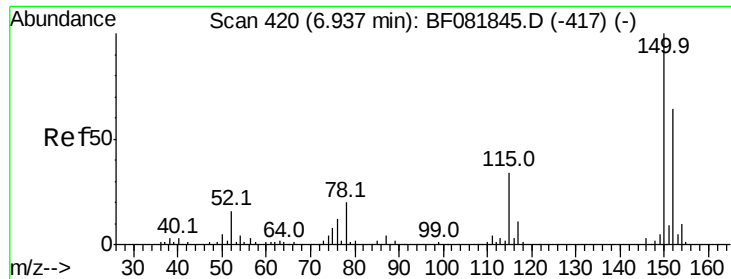
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

Instrument :

BNA_F

ClientSampleId :

PB85910BL

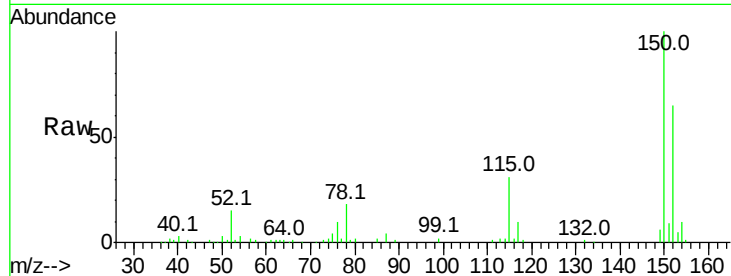
Tot Ion:152 Resp: 97826

Ion Ratio Lower Upper

152 100

150 154.1 124.7 187.1

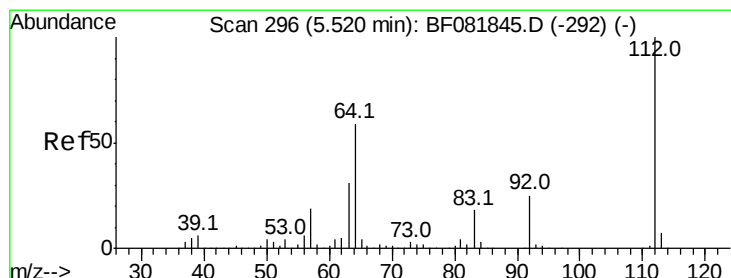
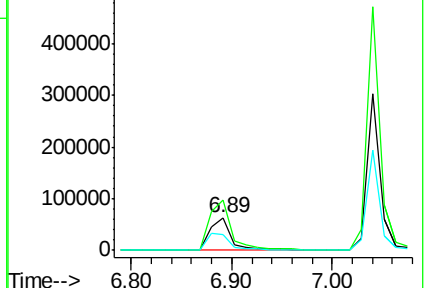
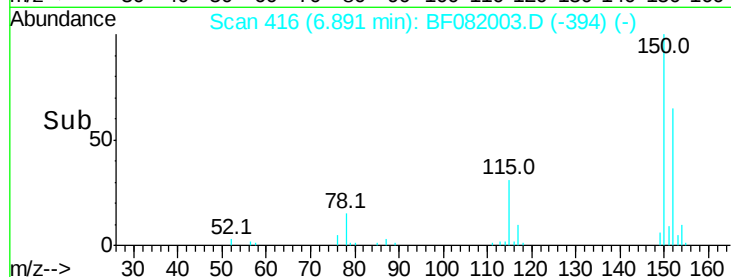
115 48.1 39.0 58.4



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: 107.41 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

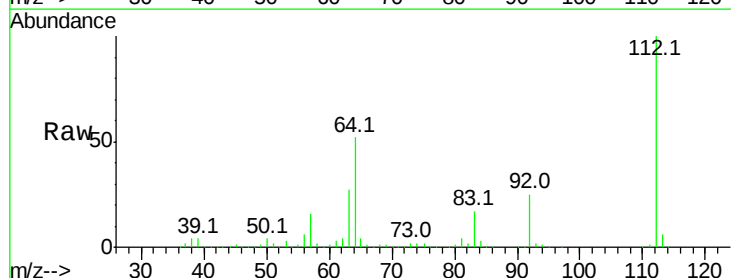
Tgt Ion:112 Resp: 578826

Ion Ratio Lower Upper

112 100

64 52.3 39.7 59.5

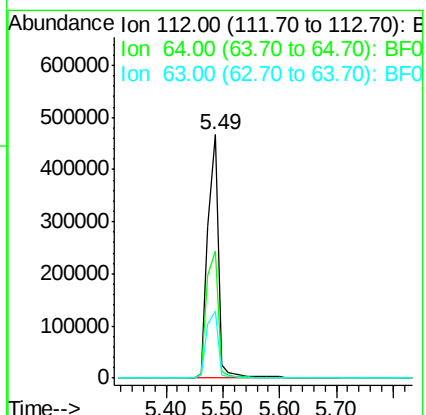
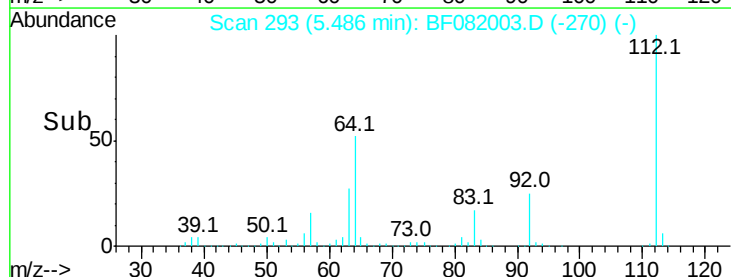
63 27.4 17.4 26.0#



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: 114.96 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

Instrument :

BNA_F

ClientSampleId :

PB85910BL

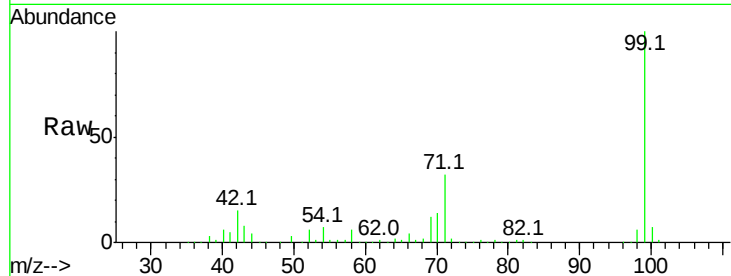
Tot Ion: 99 Resp: 779572

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

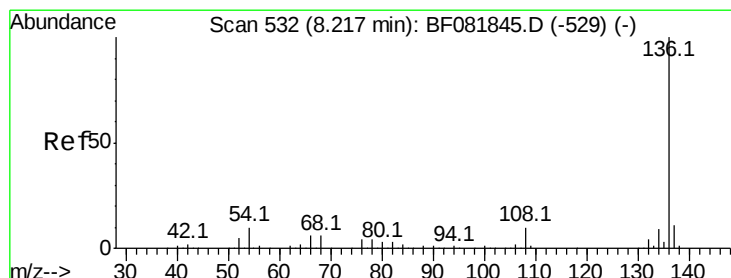
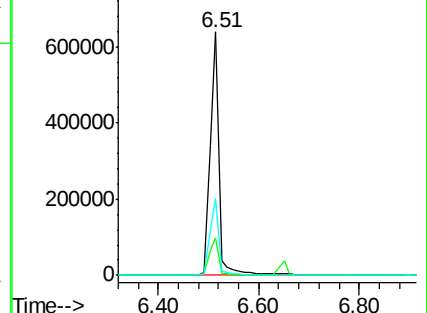
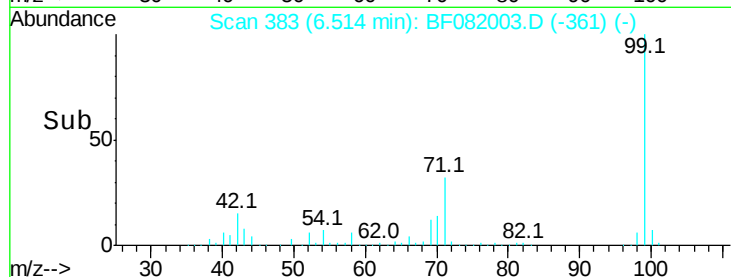
71 31.6 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

Tgt Ion: 136 Resp: 410212

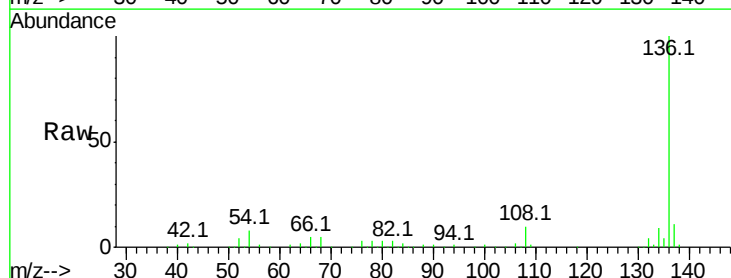
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.6 8.2 12.2#

68 5.4 5.8 8.6#

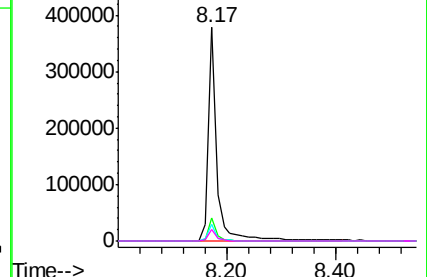
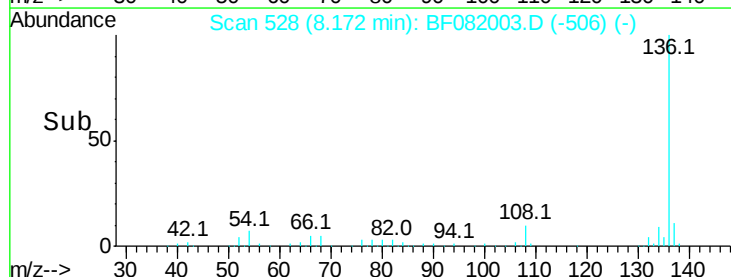


Abundance Ion 136.00 (135.70 to 136.70): E

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

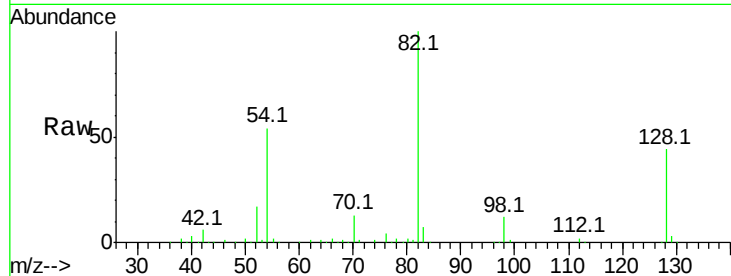




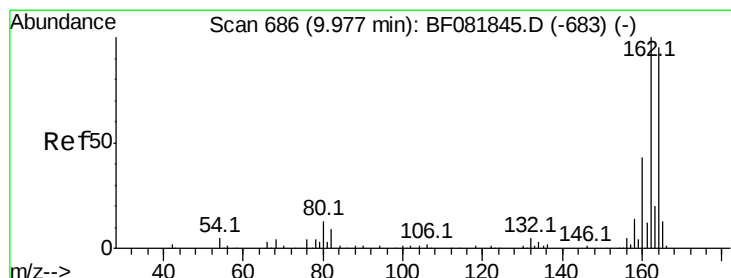
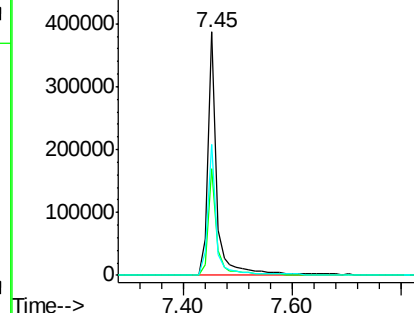
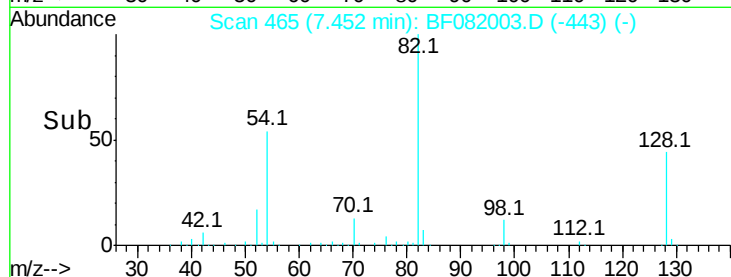
#23
 Nitrobenzene-d5
 Concen: 71.75 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082003.D
 Acq: 3 Oct 2015 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BL

Tot Ion: 82 Resp: 441556
 Ion Ratio Lower Upper
 82 100
 128 43.8 51.0 76.6#
 54 54.0 47.5 71.3

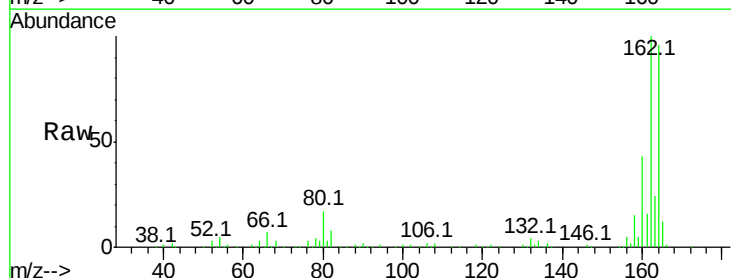


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

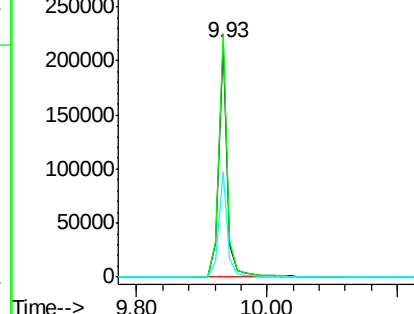
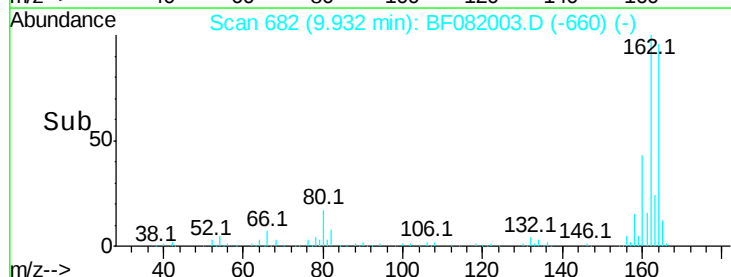


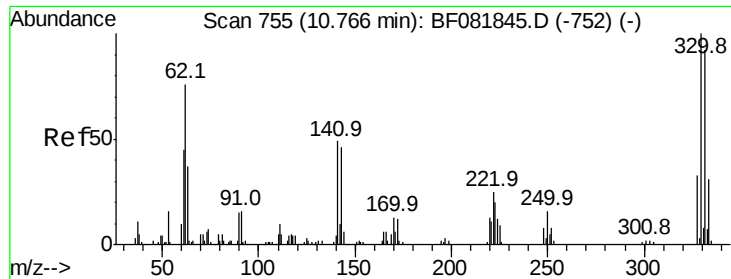
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082003.D
 Acq: 3 Oct 2015 4:34

Tgt Ion:164 Resp: 205719
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 45.1 31.5 47.3



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

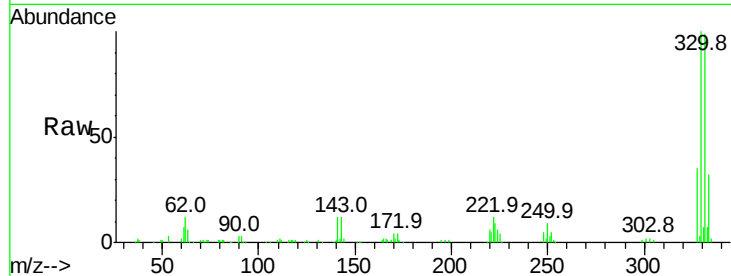




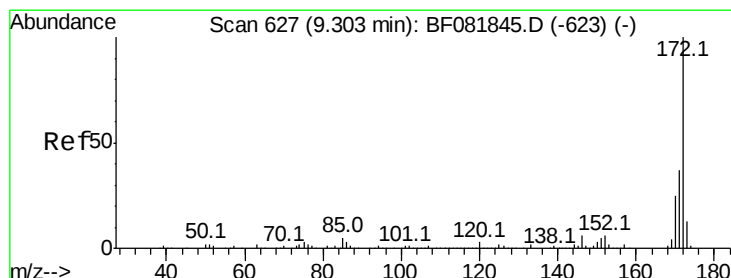
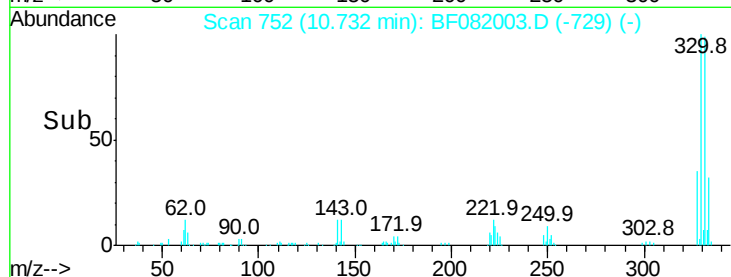
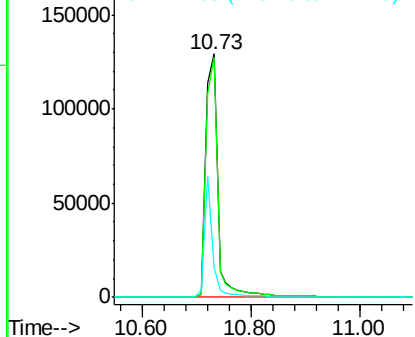
#41
 2,4,6-Tribromophenol
 Concen: 96.56 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082003.D
 Acq: 3 Oct 2015 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	33.4	29.7	44.5

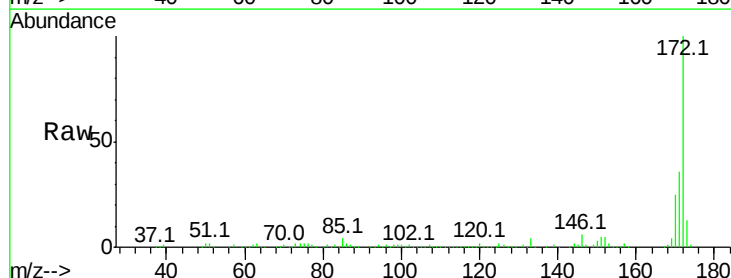


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

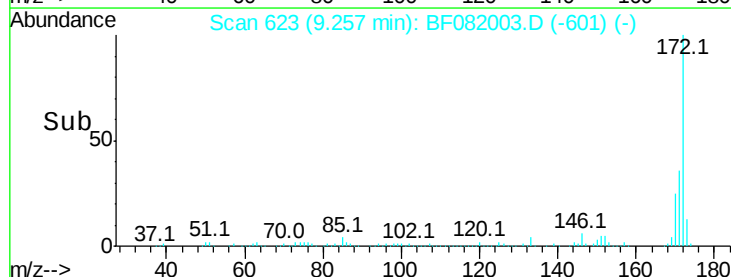
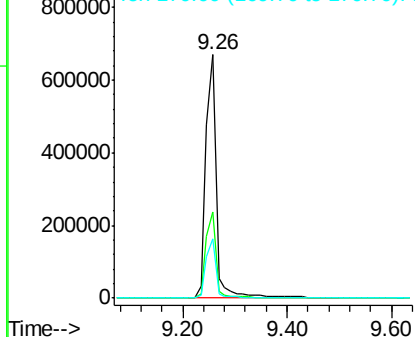


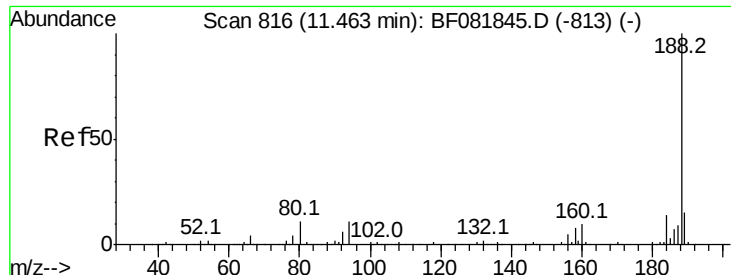
#44
 2-Fluorobiphenyl
 Concen: 74.89 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082003.D
 Acq: 3 Oct 2015 4:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.5	17.4	26.2



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

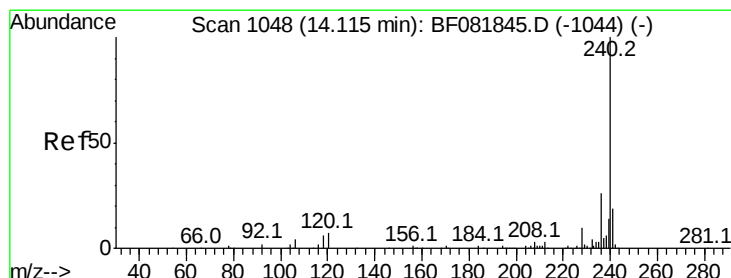
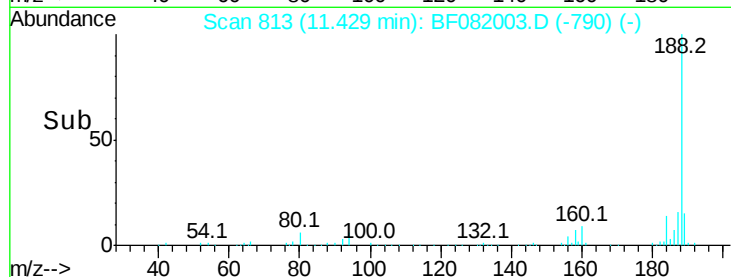
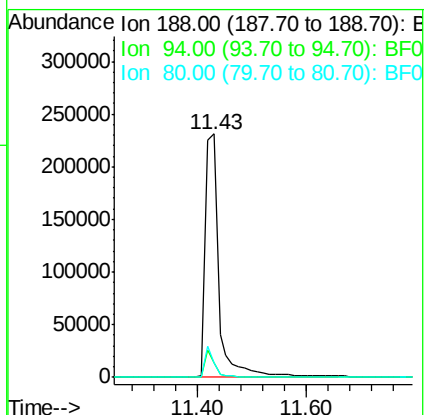
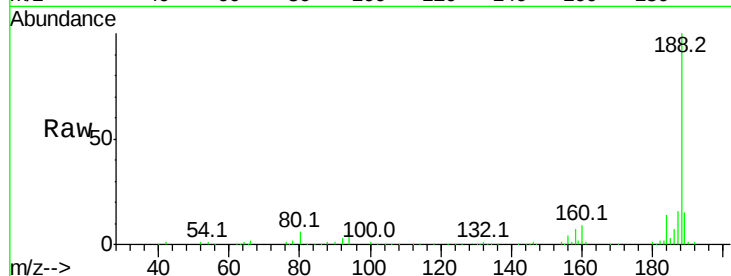




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

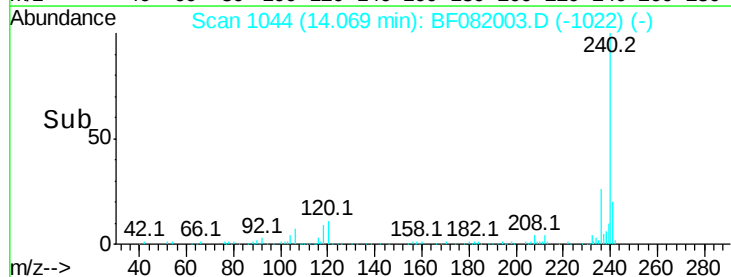
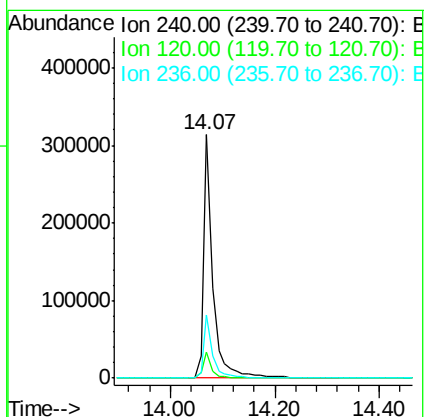
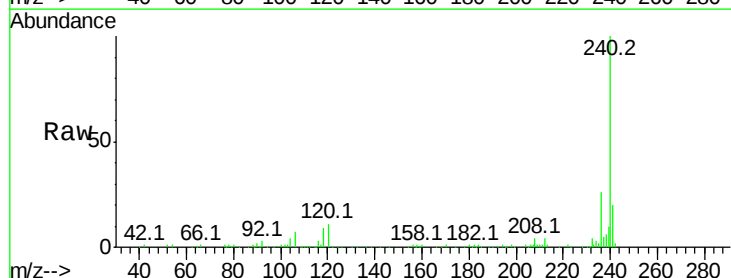
Instrument :
BNA_F
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PB85910BL

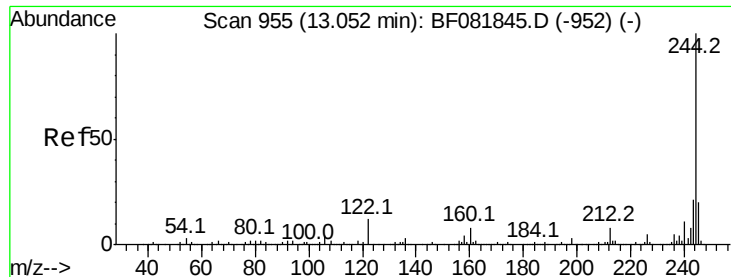
Tot Ion:188 Resp: 404324
Ion Ratio Lower Upper
188 100
94 5.9 11.1 16.7#
80 5.9 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:240 Resp: 389604
Ion Ratio Lower Upper
240 100
120 10.6 16.2 24.2#
236 26.2 18.4 27.6





#78

Terphenyl-d14

Concen: 83.99 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

Instrument :

BNA_F

ClientSampleId :

PB85910BL

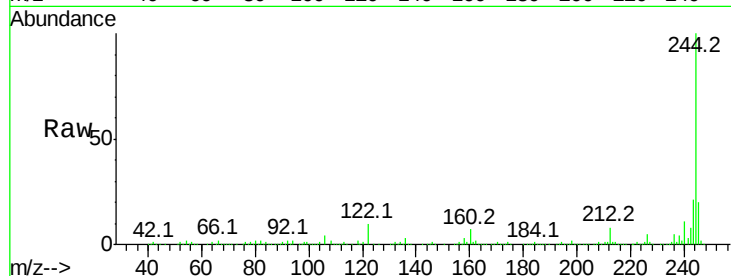
Tot Ion:244 Resp: 1016504

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

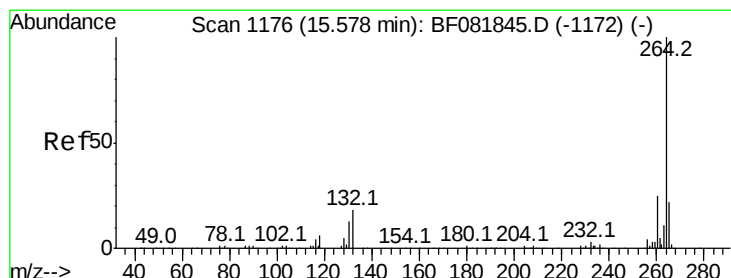
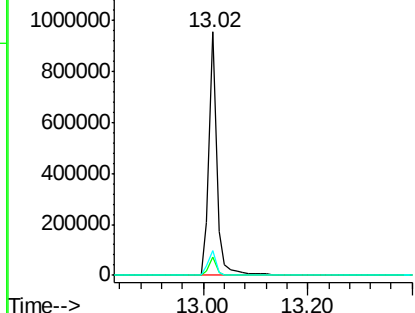
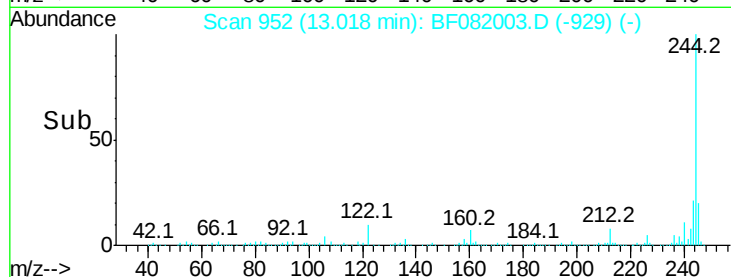
122 10.3 17.4 26.2#



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: 15.53 min Scan# 1172

Delta R.T. -0.05 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

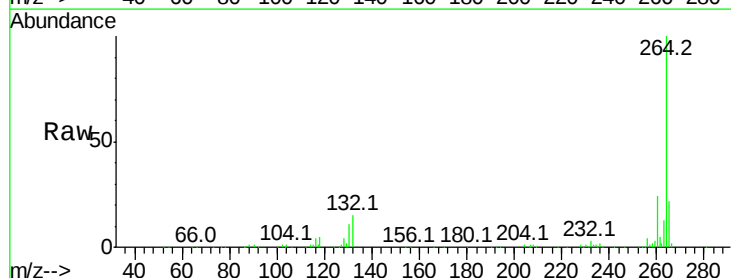
Tgt Ion:264 Resp: 292506

Ion Ratio Lower Upper

264 100

260 23.5 16.7 25.1

265 21.6 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

