

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082083.D
 Acq On : 6 Oct 2015 14:36
 Operator : UM/IZ
 Sample : PB85944BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BL

Quant Time: Oct 07 02:30:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	85651	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	331979	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	164101	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	343162	20.00	ng	0.00
75) Chrysene-d12	14.06	240	354028	20.00	ng	-0.01
86) Perylene-d12	15.51	264	300401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	539597	114.36	ng	0.01
7) Phenol-d6	6.51	99	699477	117.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	436407	87.63	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	212542	127.89	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	846518	86.64	ng	0.00
78) Terphenyl-d14	13.01	244	1047304	100.56	ng	0.00

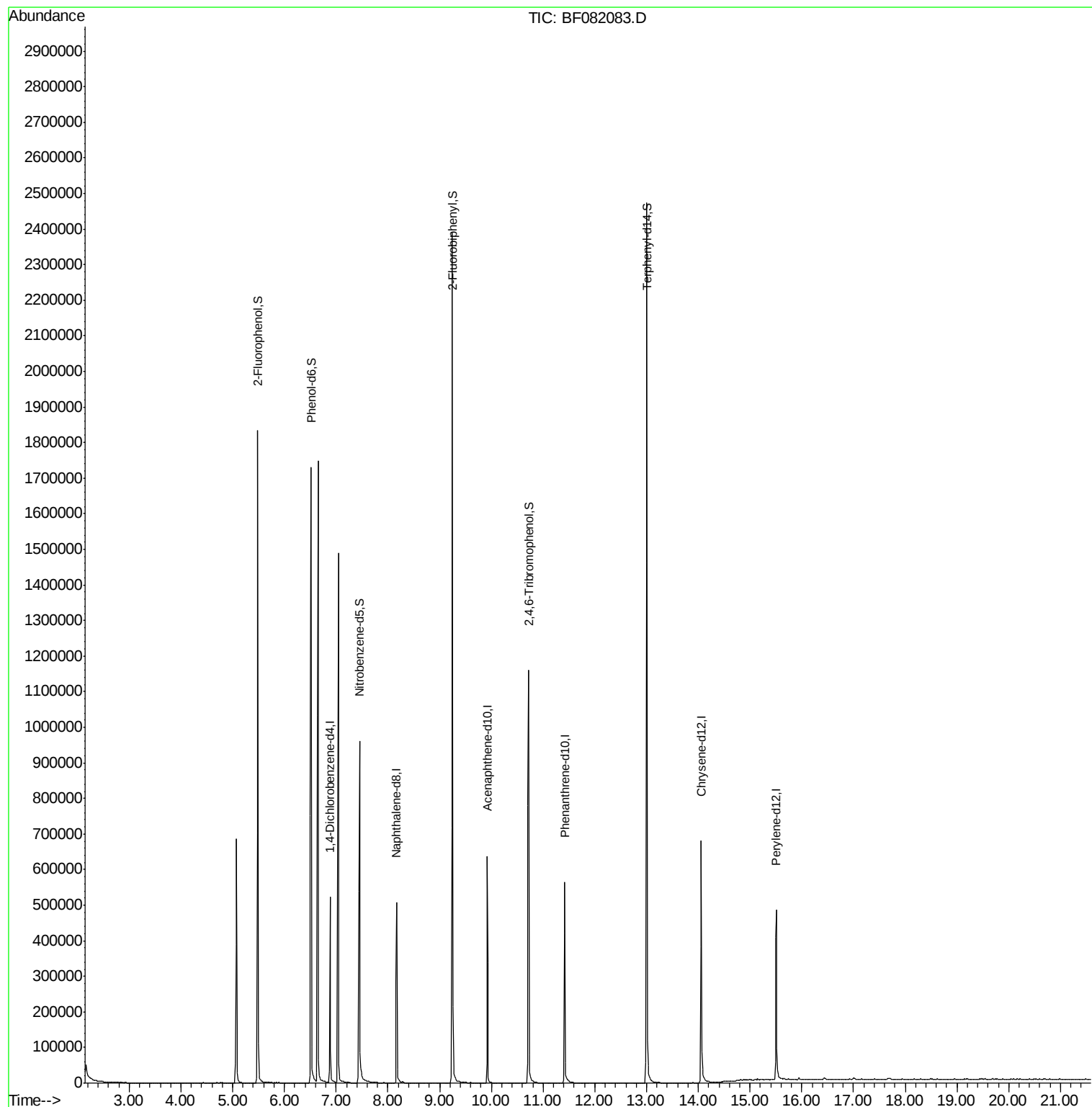
Target Compounds Qvalue

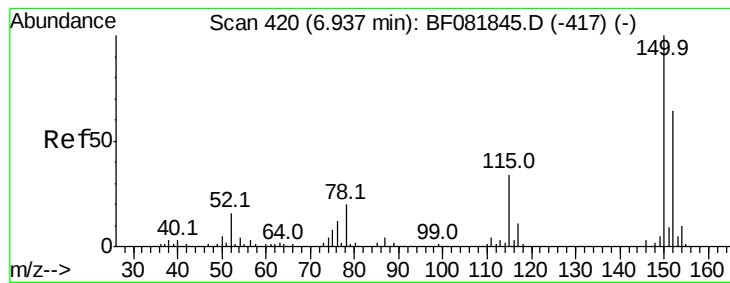
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

PB85944BL

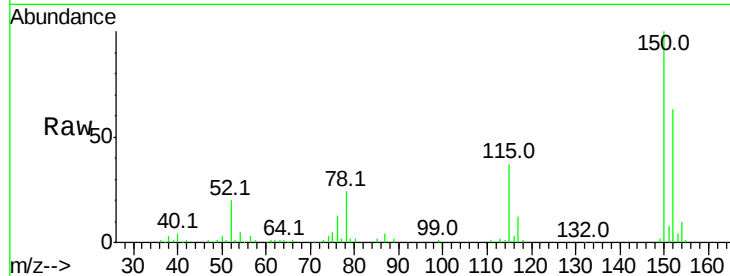
Tot Ion:152 Resp: 85651

Ion Ratio Lower Upper

152 100

150 158.4 124.7 187.1

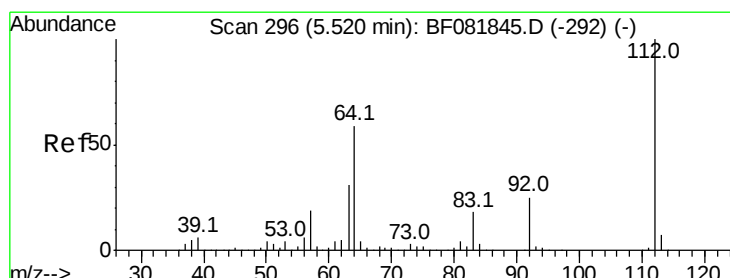
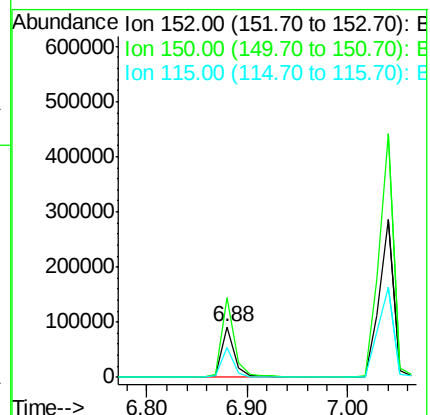
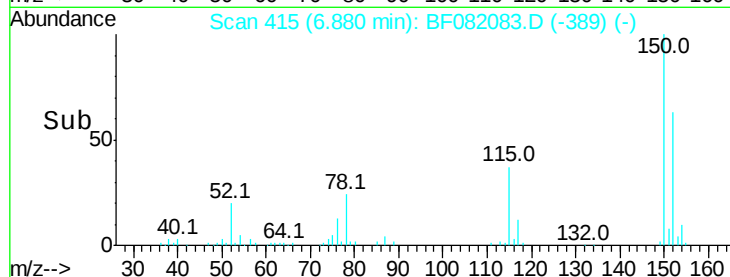
115 58.1 39.0 58.4



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: 114.36 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

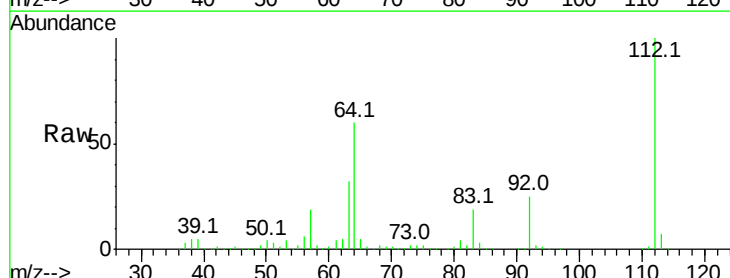
Tgt Ion:112 Resp: 539597

Ion Ratio Lower Upper

112 100

64 59.9 39.7 59.5#

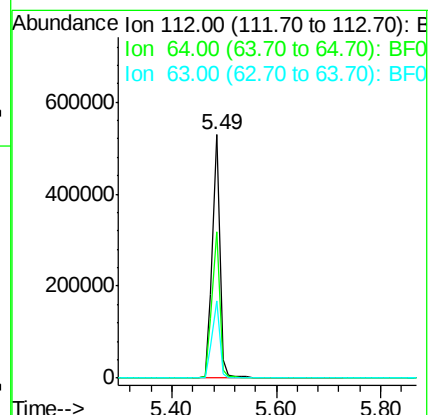
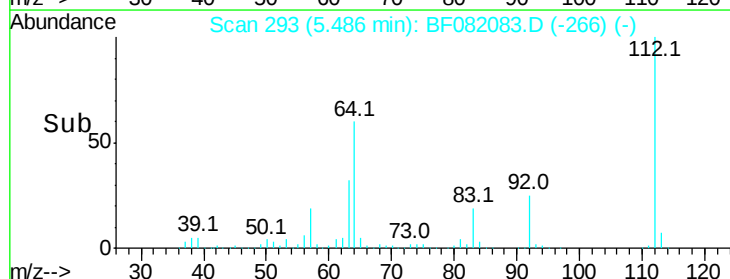
63 31.8 17.4 26.0#

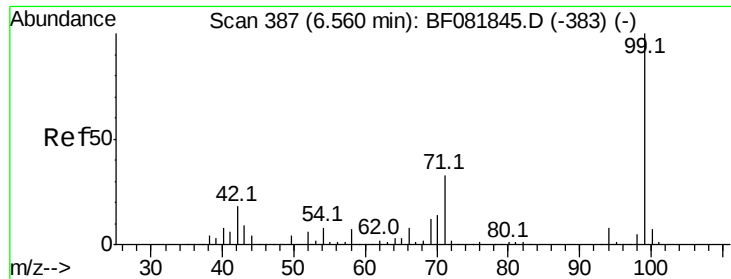


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.81 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

PB85944BL

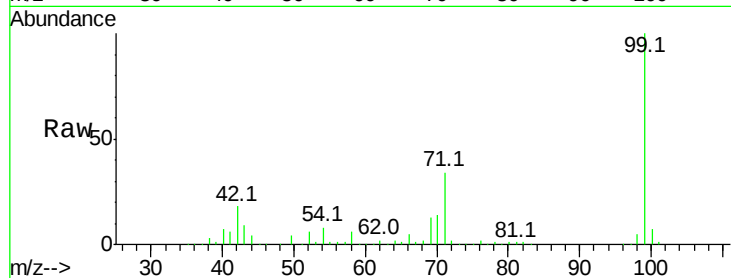
Tot Ion: 99 Resp: 699477

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

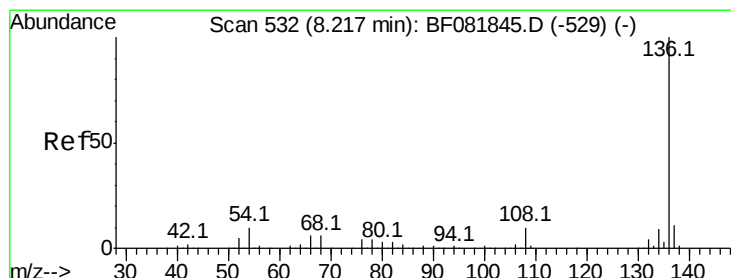
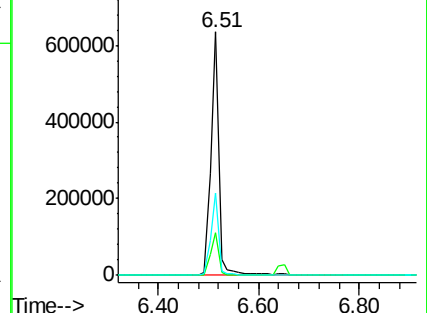
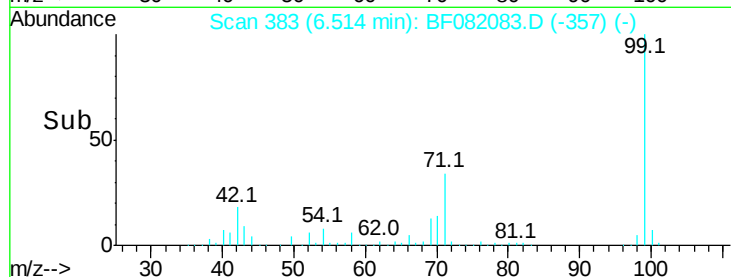
71 33.9 14.2 21.2#



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. -0.00 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

Tgt Ion: 136 Resp: 331979

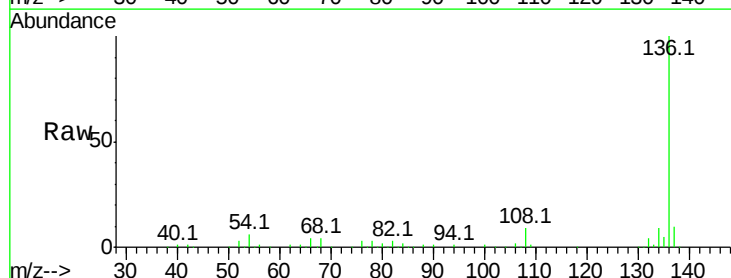
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.1 8.2 12.2#

68 4.2 5.8 8.6#

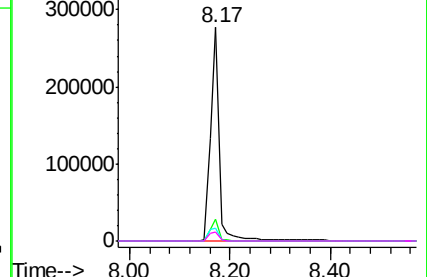
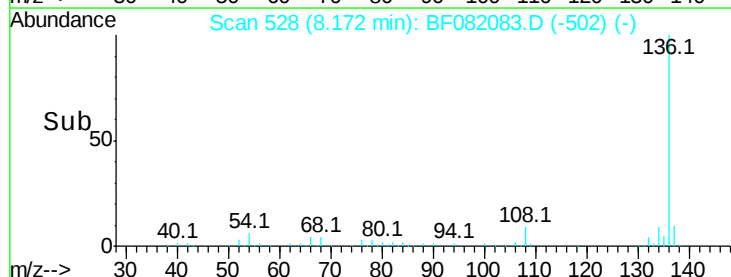


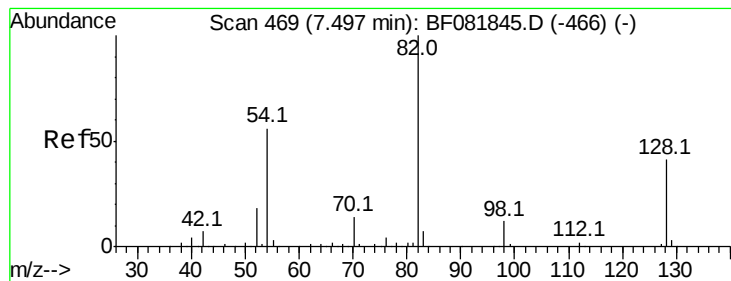
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.63 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

PB85944BL

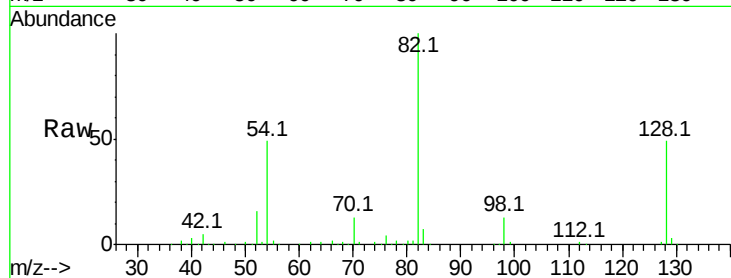
Tot Ion: 82 Resp: 436407

Ion Ratio Lower Upper

82 100

128 49.3 51.0 76.6#

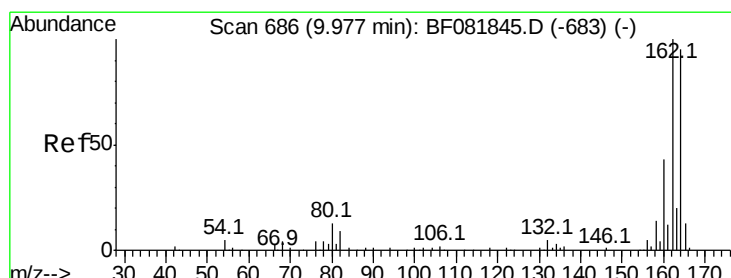
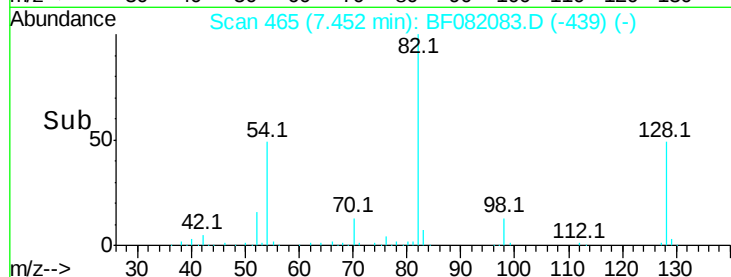
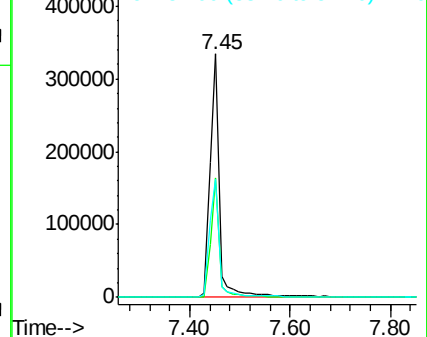
54 48.6 47.5 71.3



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: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

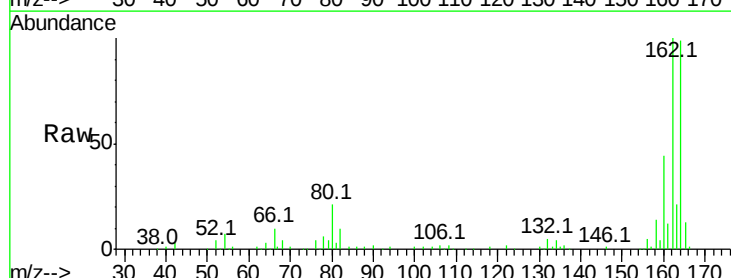
Tgt Ion:164 Resp: 164101

Ion Ratio Lower Upper

164 100

162 101.3 75.2 112.8

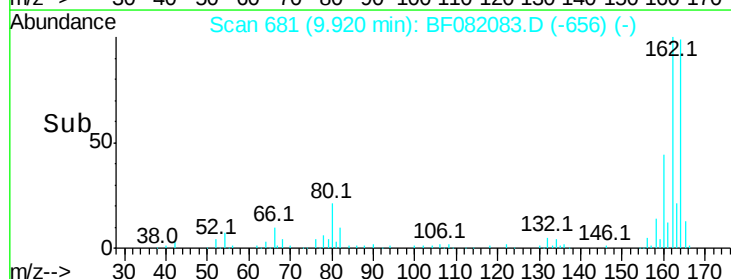
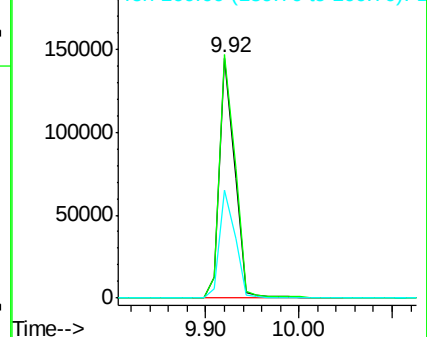
160 45.0 31.5 47.3

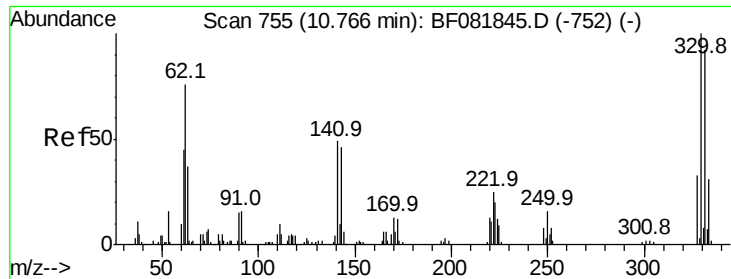


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

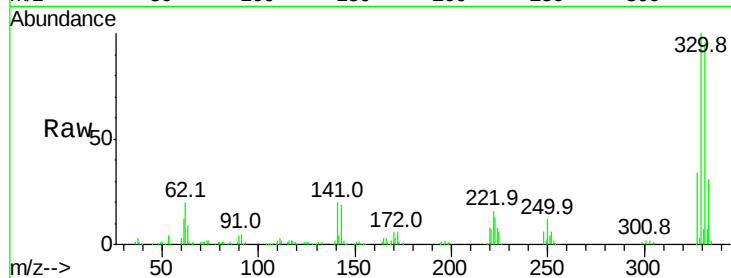




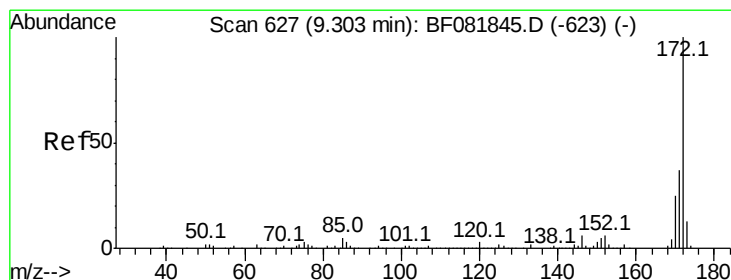
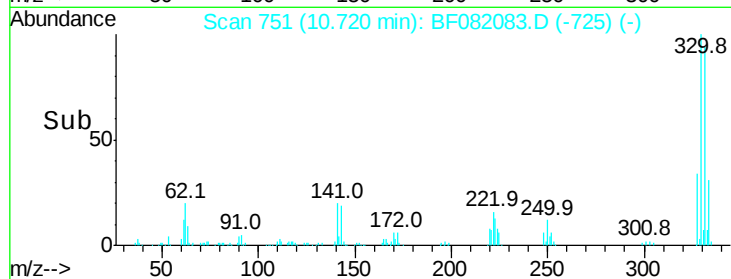
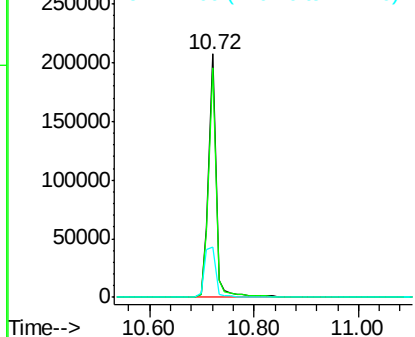
#41
 2,4,6-Tribromophenol
 Concen: 127.89 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BL

Tot Ion:330 Resp: 212542
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 31.0 29.7 44.5

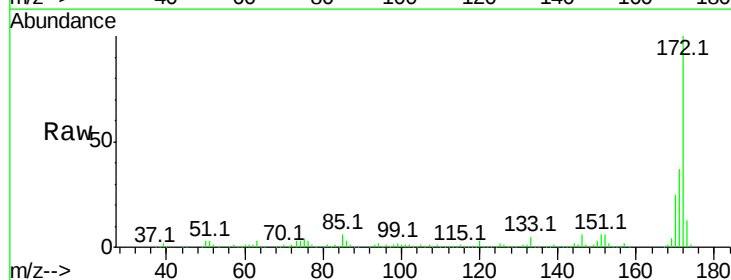


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

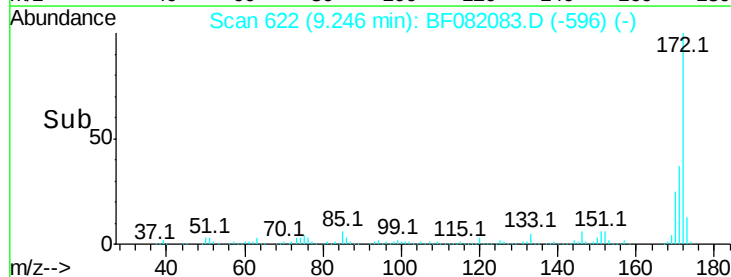
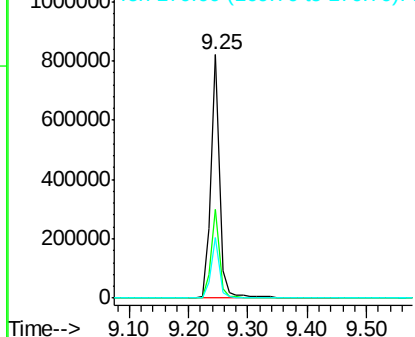


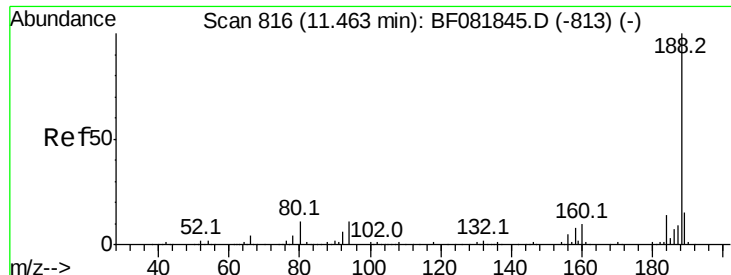
#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Tgt Ion:172 Resp: 846518
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.7 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

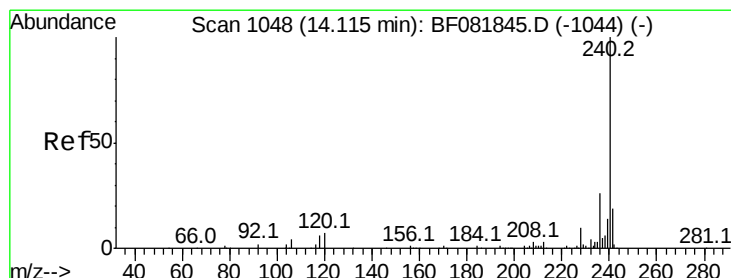
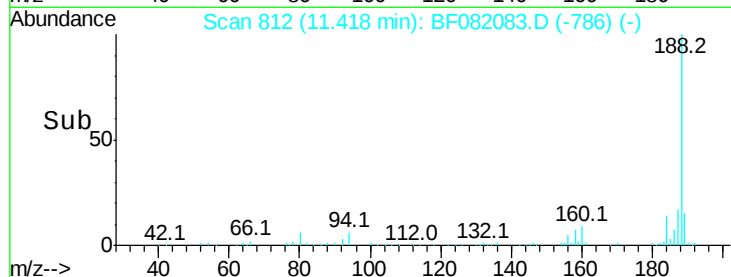
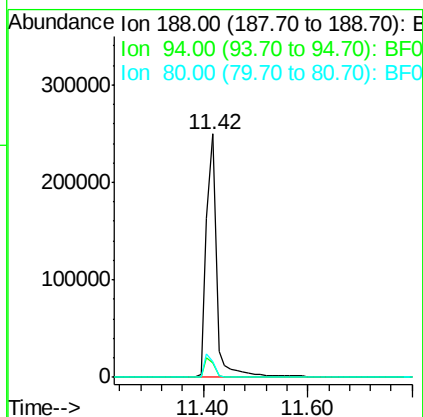
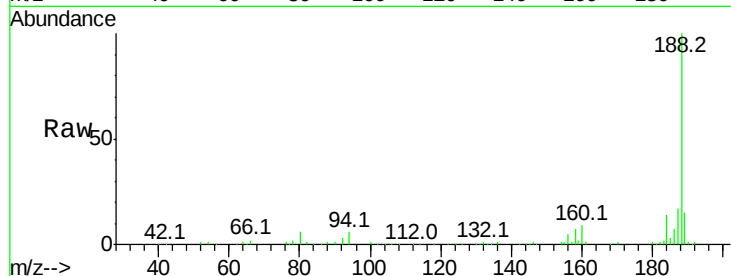




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082083.D
Acq: 6 Oct 2015 14:36

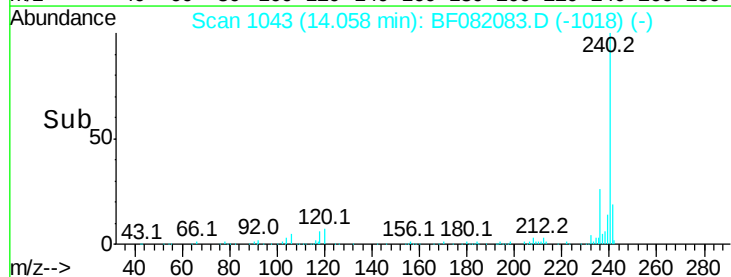
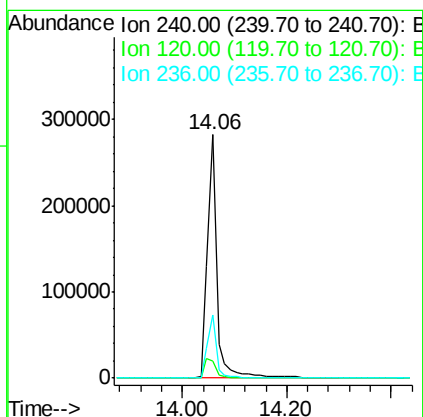
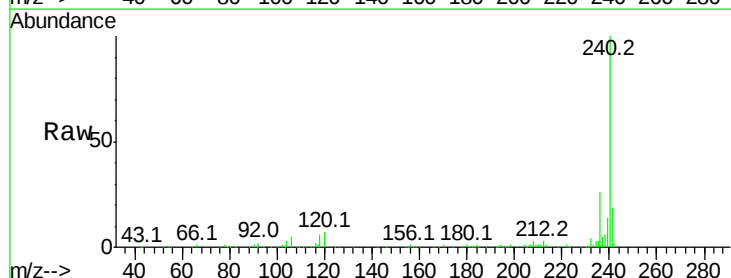
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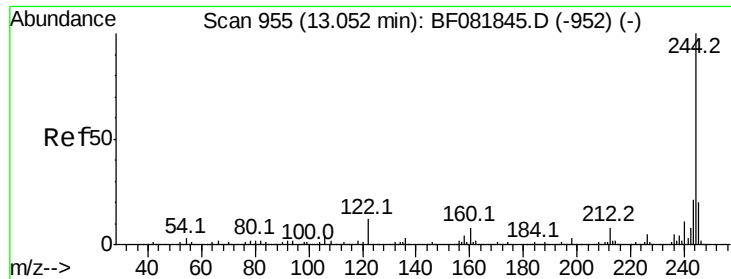
Tot Ion:188 Resp: 343162
Ion Ratio Lower Upper
188 100
94 6.2 11.1 16.7#
80 6.4 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082083.D
Acq: 6 Oct 2015 14:36

Tgt Ion:240 Resp: 354028
Ion Ratio Lower Upper
240 100
120 7.1 16.2 24.2#
236 26.2 18.4 27.6

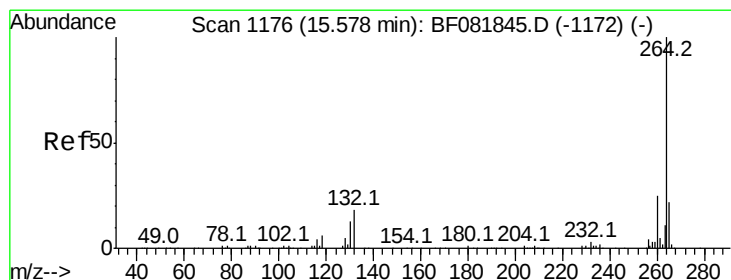
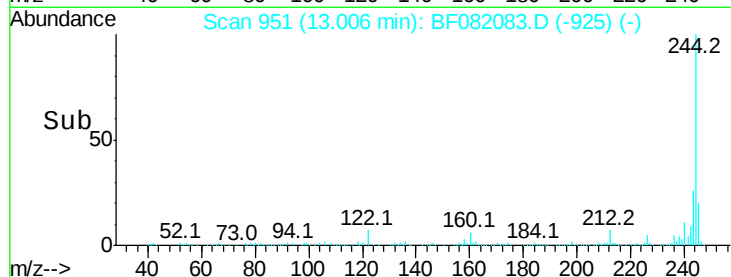
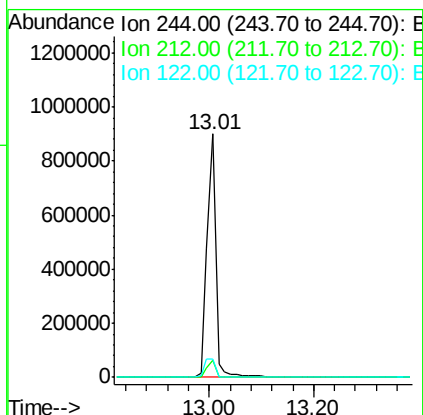
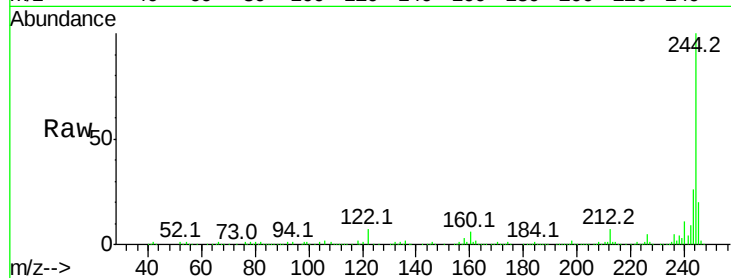




#78
 Terphenyl-d14
 Concen: 100.56 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Instrument :
 BNA_F
 ClientSampleID :
 PB85944BL

Tot Ion:244 Resp: 1047304
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 7.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Tgt Ion:264 Resp: 300401
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.1 17.2 25.8

