

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF081983.D
 Acq On : 2 Oct 2015 17:04
 Operator : UM/IZ
 Sample : PB85878TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85878TB

Quant Time: Oct 03 03:46:19 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	84672	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	346787	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	178186	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	356229	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	363384	20.00	ng	-0.05
86) Perylene-d12	15.53	264	272045	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	628062	134.65	ng	-0.03
7) Phenol-d6	6.51	99	827339	140.96	ng	-0.05
23) Nitrobenzene-d5	7.45	82	477276	91.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	235198	130.33	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1034037	100.68	ng	-0.05
78) Terphenyl-d14	13.02	244	1099722	104.10	ng	-0.03

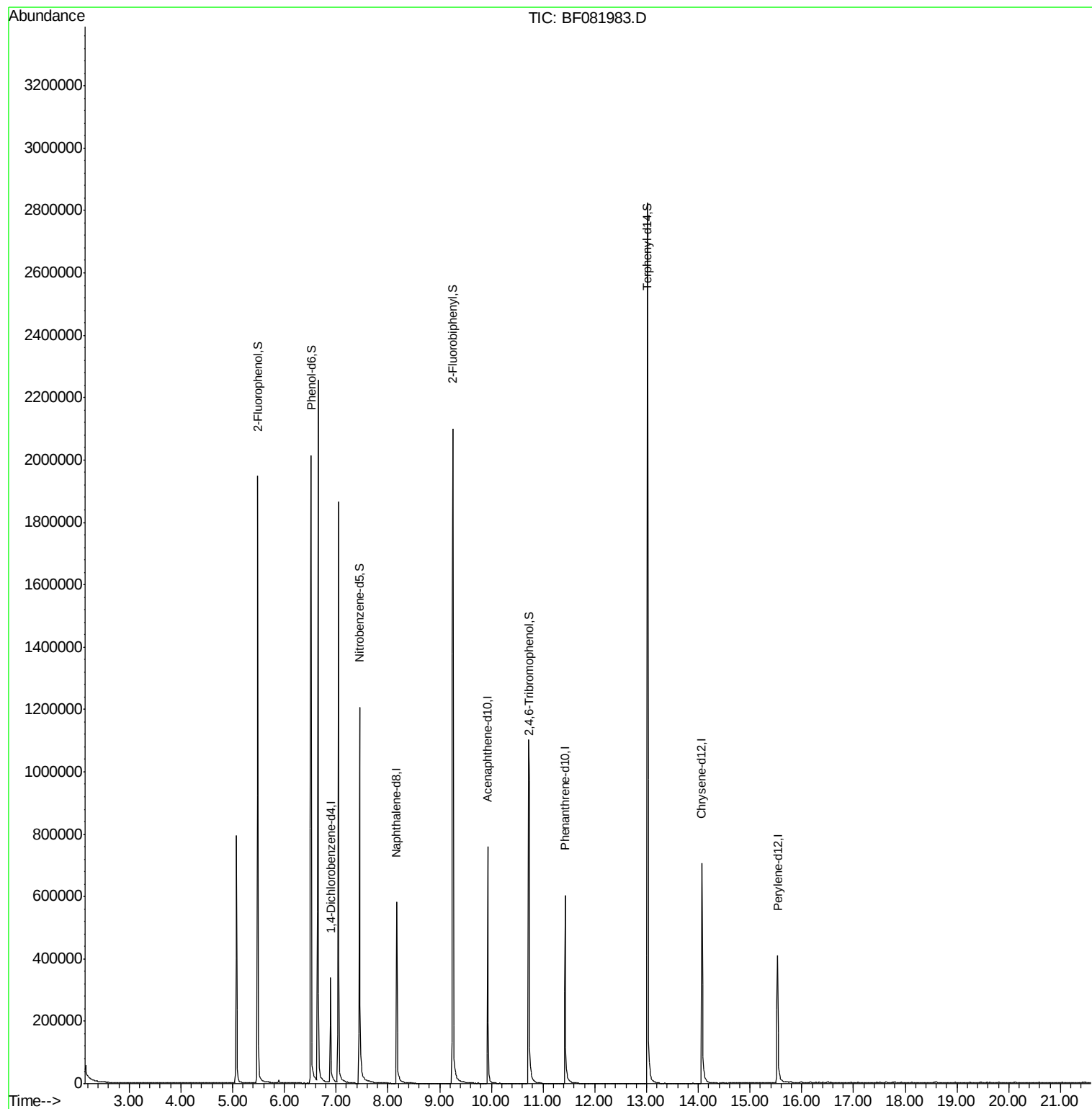
Target Compounds Qvalue

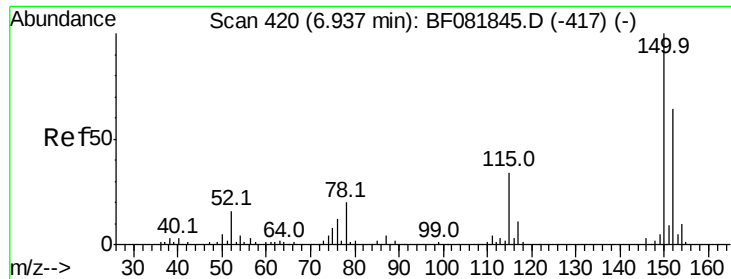
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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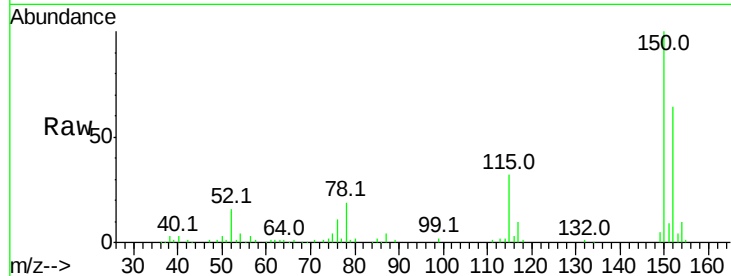


#1

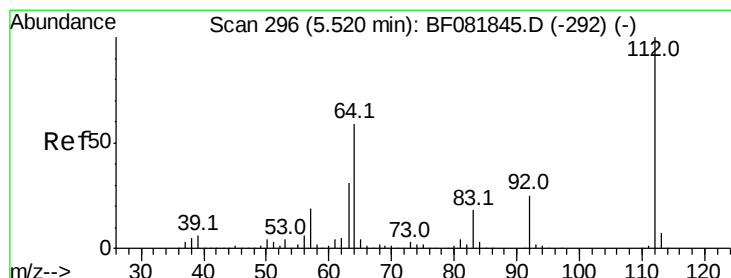
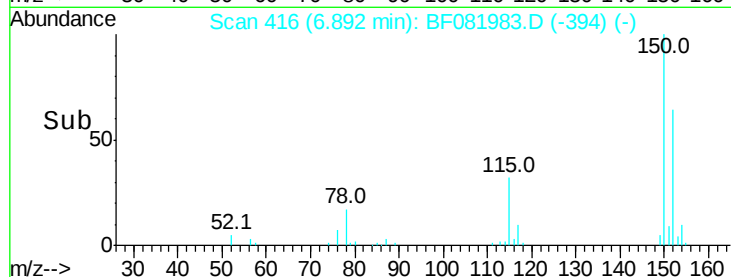
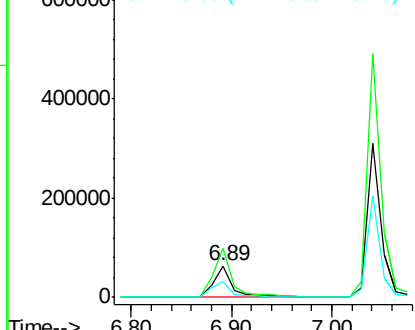
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF081983.D
Acq: 2 Oct 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB85878TB

Tot Ion:152 Resp: 84672
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 50.3 39.0 58.4



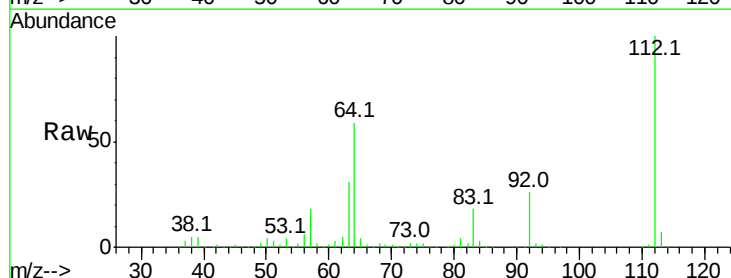
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



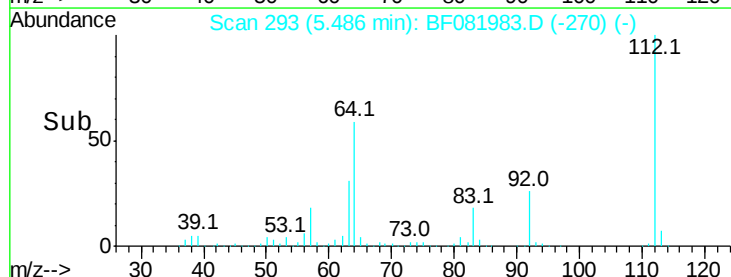
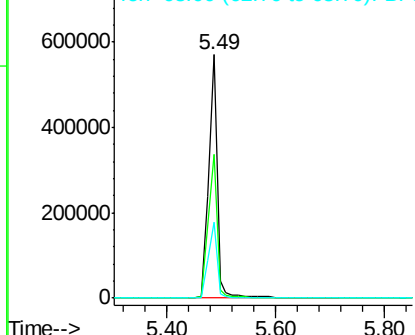
#5

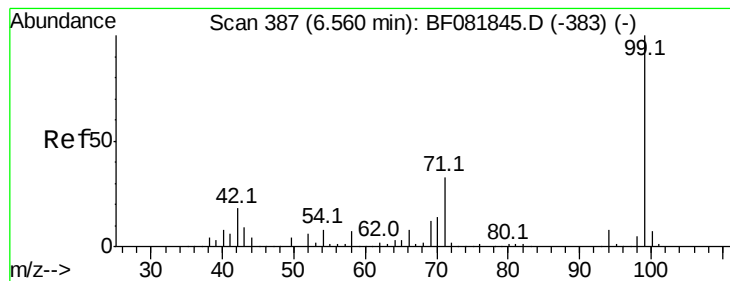
2-Fluorophenol
Concen: 134.65 ng
RT: 5.49 min Scan# 293
Delta R.T. -0.03 min
Lab File: BF081983.D
Acq: 2 Oct 2015 17:04

Tgt Ion:112 Resp: 628062
Ion Ratio Lower Upper
112 100
64 59.0 39.7 59.5
63 31.1 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: 140.96 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081983.D

Acq: 2 Oct 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB85878TB

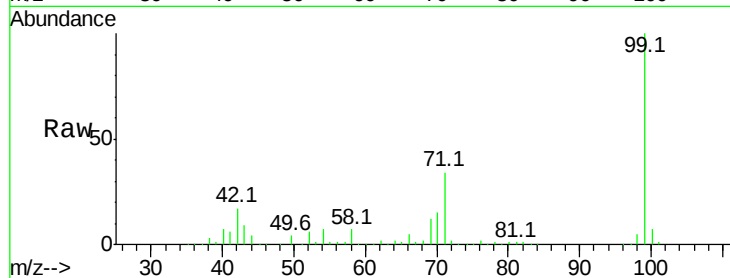
Tot Ion: 99 Resp: 827339

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

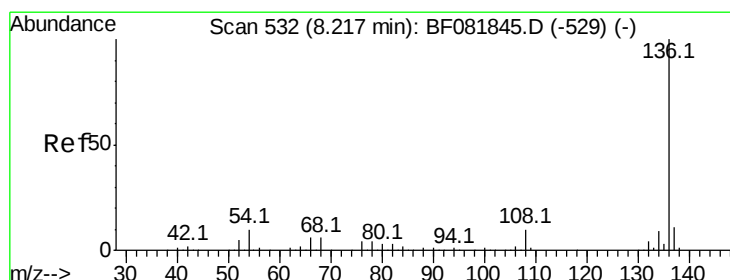
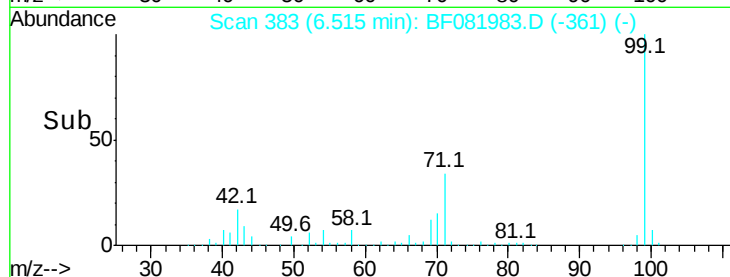
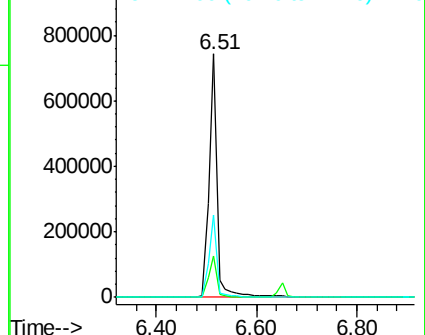
71 33.8 14.2 21.2#



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: BF081983.D

Acq: 2 Oct 2015 17:04

Tgt Ion: 136 Resp: 346787

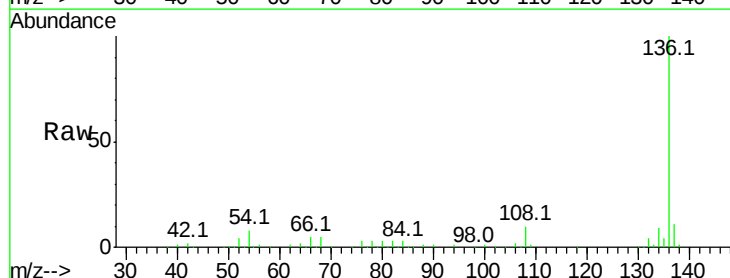
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.4 8.2 12.2

68 5.4 5.8 8.6#

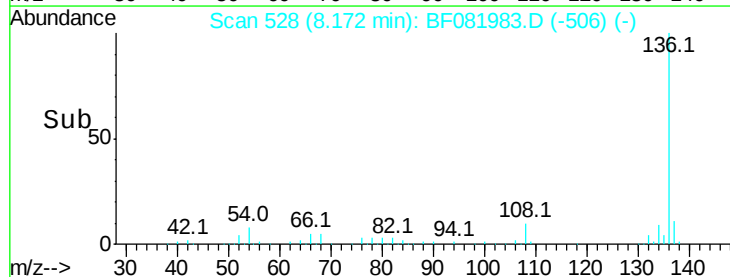
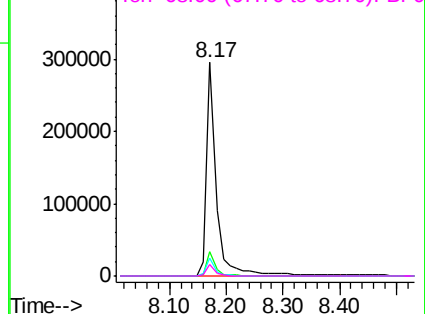


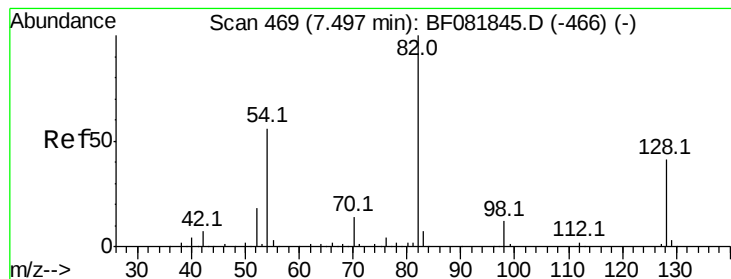
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.74 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF081983.D

Acq: 2 Oct 2015 17:04

Instrument :

BNA_F

ClientSampled :

PB85878TB

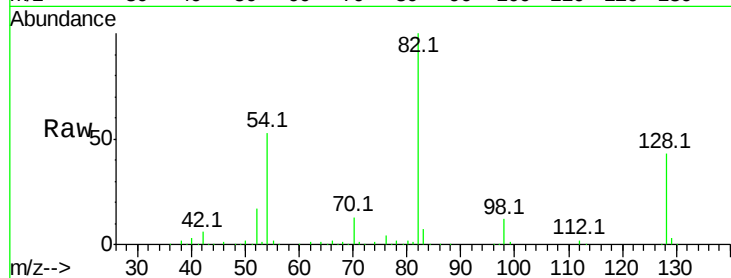
Tot Ion: 82 Resp: 477276

Ion Ratio Lower Upper

82 100

128 42.9 51.0 76.6#

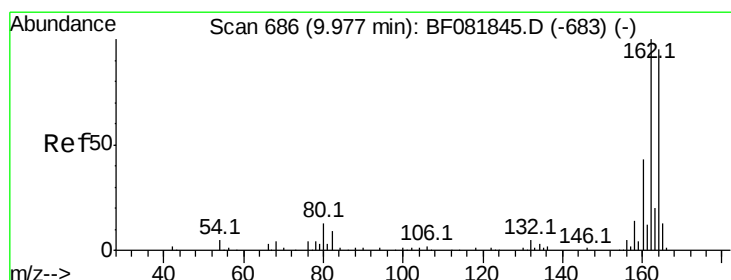
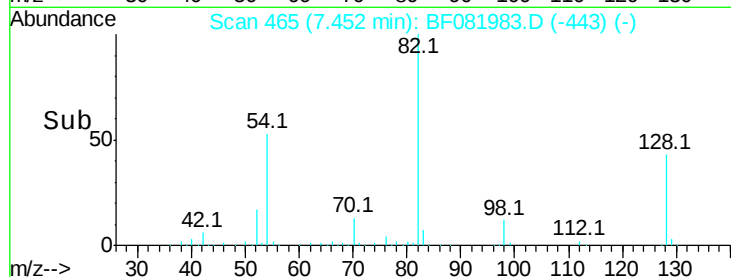
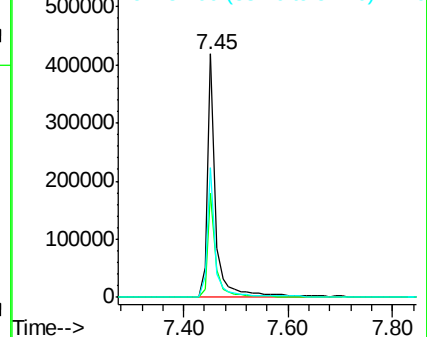
54 53.0 47.5 71.3



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: BF081983.D

Acq: 2 Oct 2015 17:04

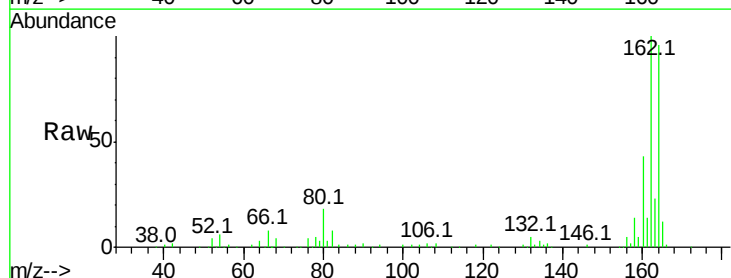
Tgt Ion:164 Resp: 178186

Ion Ratio Lower Upper

164 100

162 103.9 75.2 112.8

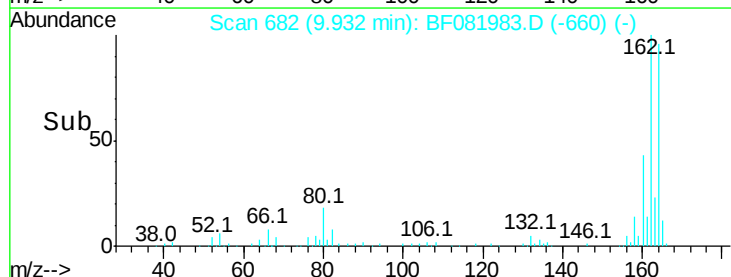
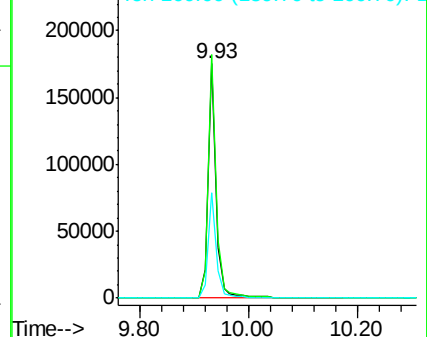
160 45.0 31.5 47.3

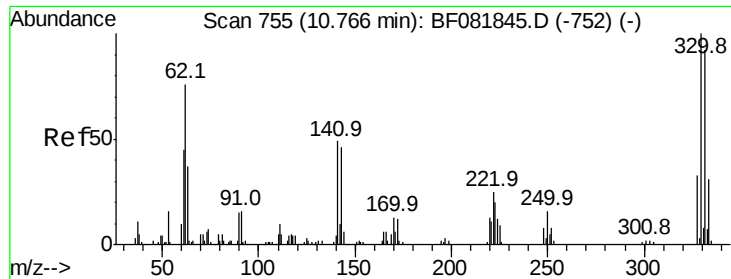


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

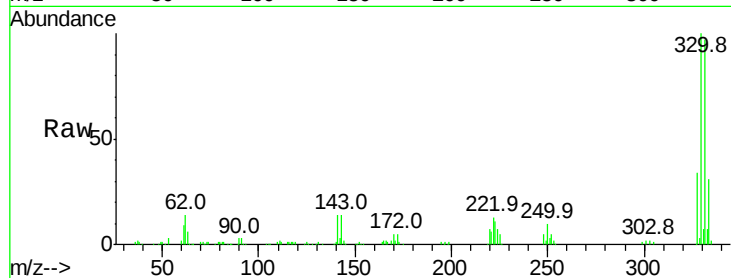




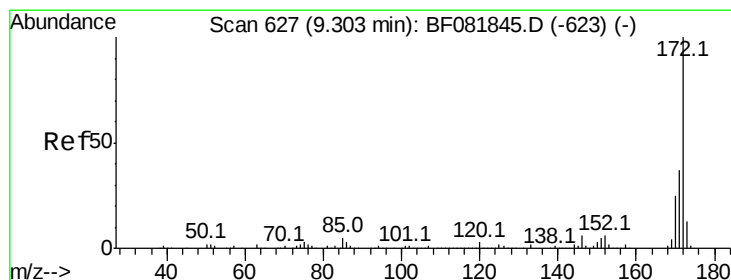
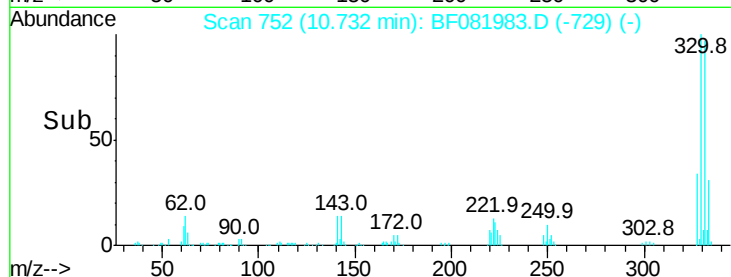
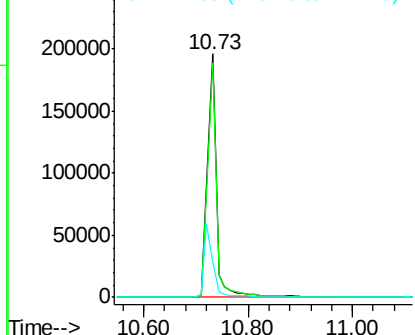
#41
 2,4,6-Tribromophenol
 Concen: 130.33 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081983.D
 Acq: 2 Oct 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB85878TB

Tot Ion:330 Resp: 235198
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 31.2 29.7 44.5

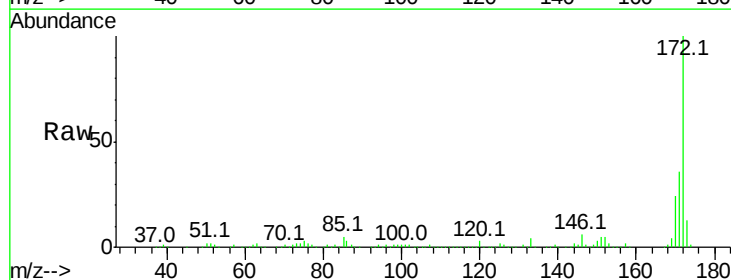


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

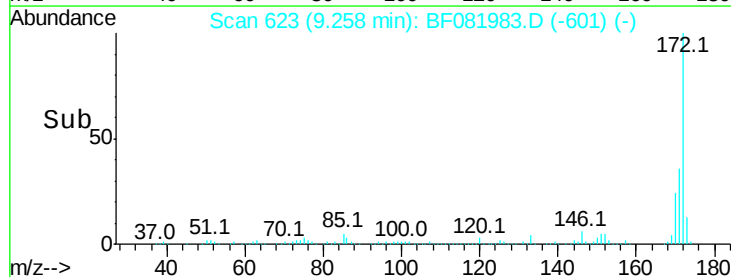
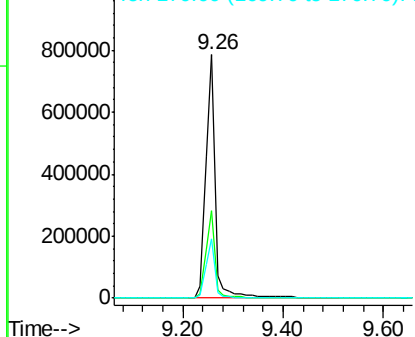


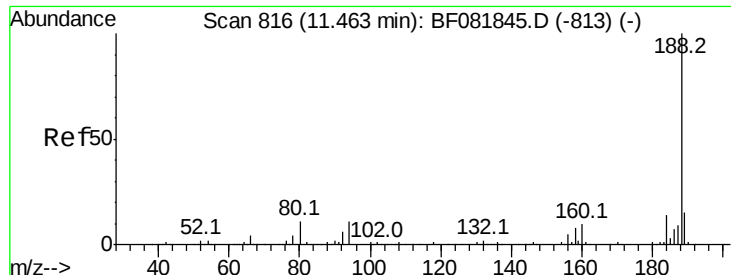
#44
 2-Fluorobiphenyl
 Concen: 100.68 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081983.D
 Acq: 2 Oct 2015 17:04

Tgt Ion:172 Resp: 1034037
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.2 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

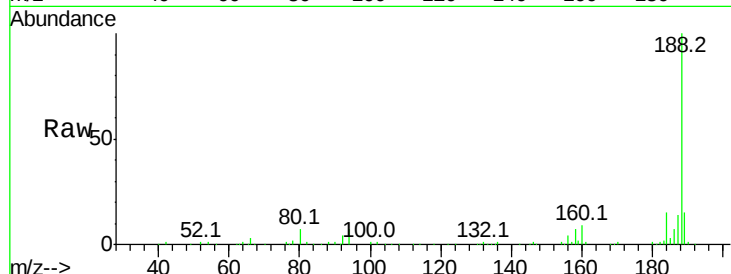




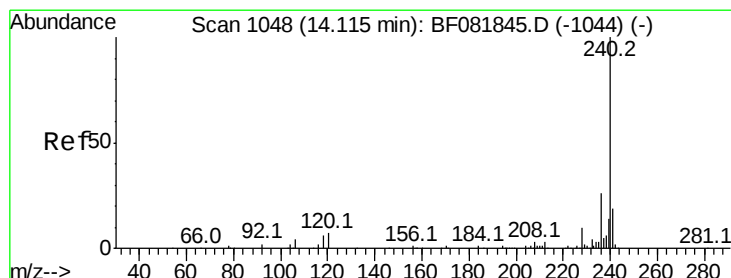
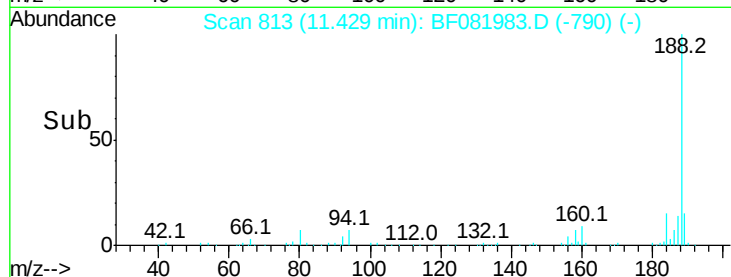
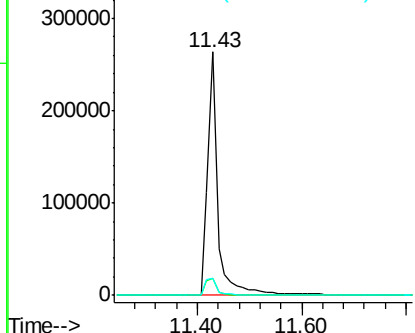
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081983.D
Acq: 2 Oct 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB85878TB

Tot Ion:188 Resp: 356229
Ion Ratio Lower Upper
188 100
94 6.9 11.1 16.7#
80 7.2 11.0 16.4#

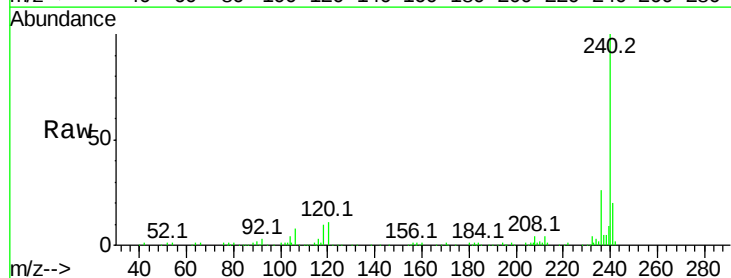


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

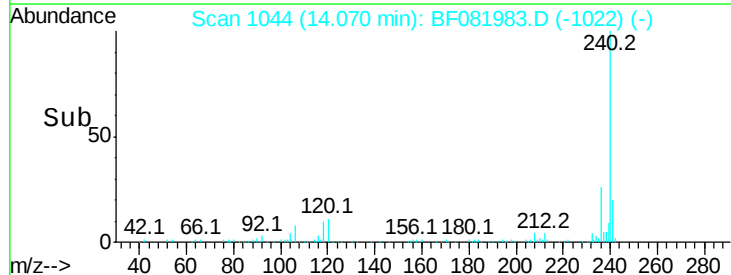
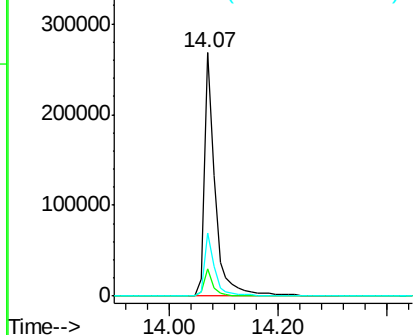


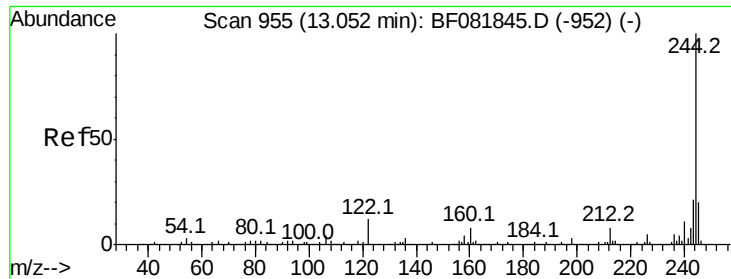
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF081983.D
Acq: 2 Oct 2015 17:04

Tgt Ion:240 Resp: 363384
Ion Ratio Lower Upper
240 100
120 11.3 16.2 24.2#
236 26.1 18.4 27.6



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

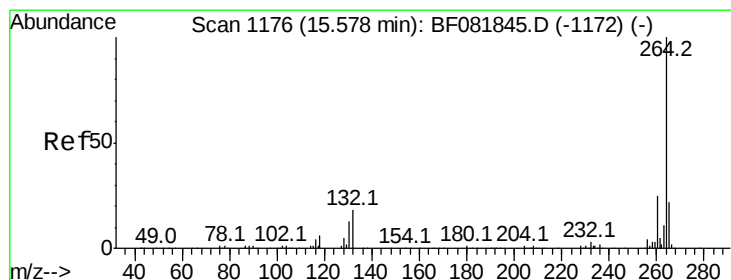
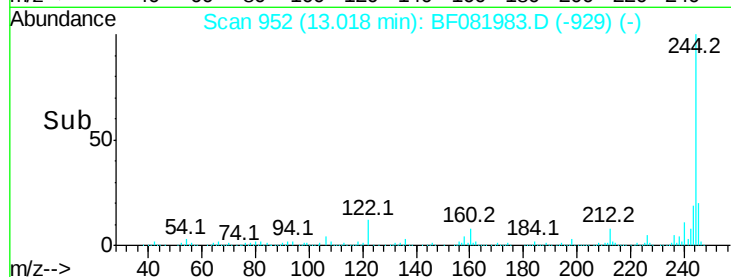
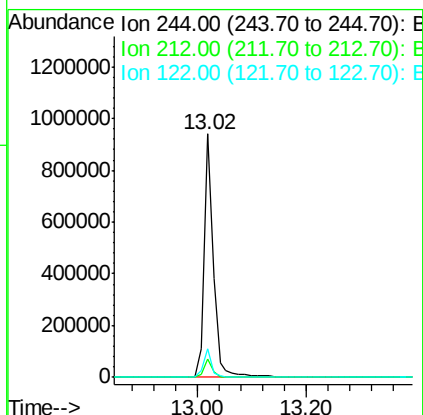
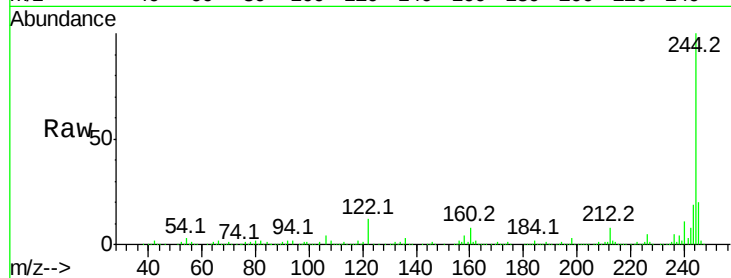




#78
 Terphenyl-d14
 Concen: 104.10 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081983.D
 Acq: 2 Oct 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB85878TB

Tot Ion:244 Resp: 1099722
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 11.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF081983.D
 Acq: 2 Oct 2015 17:04

Tgt Ion:264 Resp: 272045
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.1 17.2 25.8

