

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
 Data File : BF082103.D
 Acq On : 7 Oct 2015 14:29
 Operator : UM/IZ
 Sample : PB85943BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

Quant Time: Oct 08 03:39:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	77229	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	316681	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	154952	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	327786	20.00	ng	0.00
75) Chrysene-d12	14.05	240	324477	20.00	ng	-0.01
86) Perylene-d12	15.50	264	237776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	492236	115.70	ng	0.01
7) Phenol-d6	6.50	99	603432	112.72	ng	0.00
23) Nitrobenzene-d5	7.44	82	380539	80.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	178671	113.85	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	736336	78.31	ng	-0.01
78) Terphenyl-d14	13.00	244	922068	94.76	ng	0.00

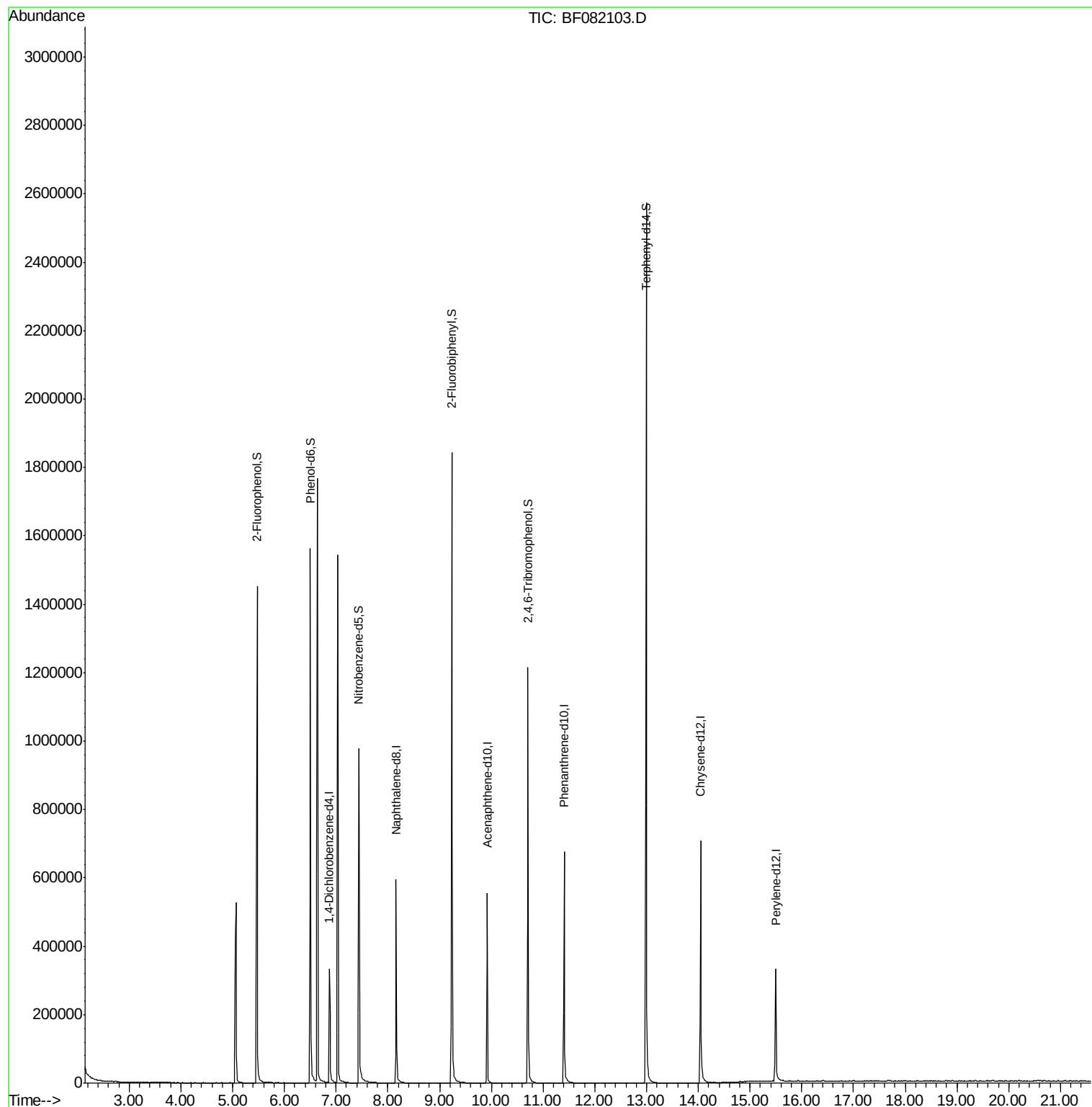
Target Compounds	Qvalue
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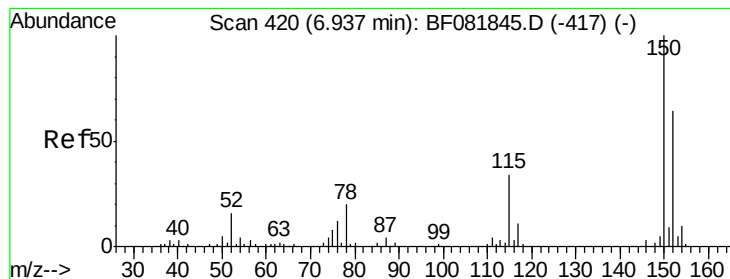
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

Instrument :

BNA_F

ClientSampleId :

PB85943BL

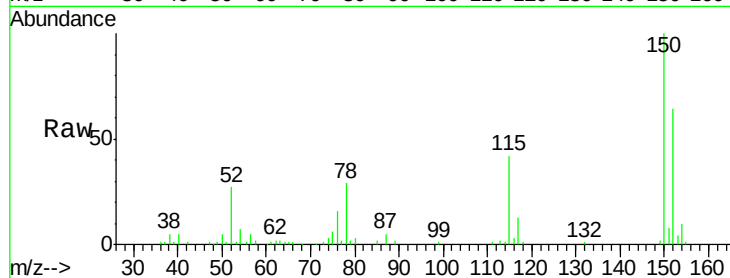
Tgt Ion:152 Resp: 77229

Ion Ratio Lower Upper

152 100

150 156.4 124.7 187.1

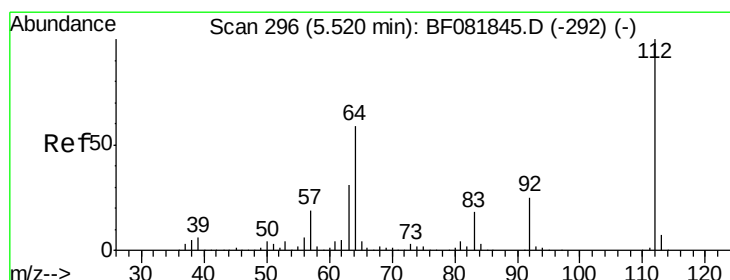
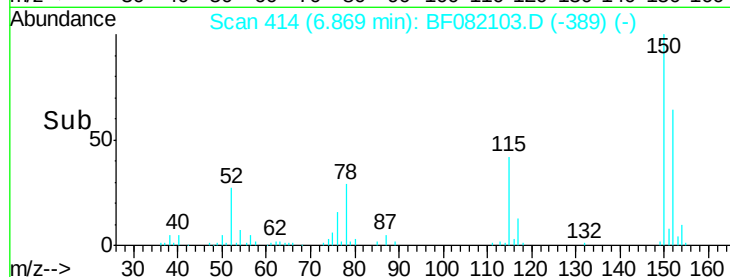
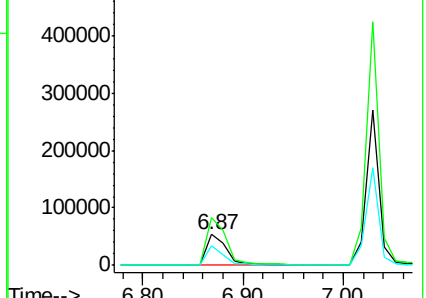
115 65.2 39.0 58.4#



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: 115.70 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

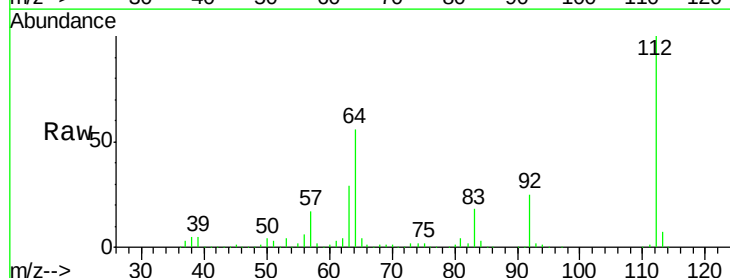
Tgt Ion:112 Resp: 492236

Ion Ratio Lower Upper

112 100

64 55.8 39.7 59.5

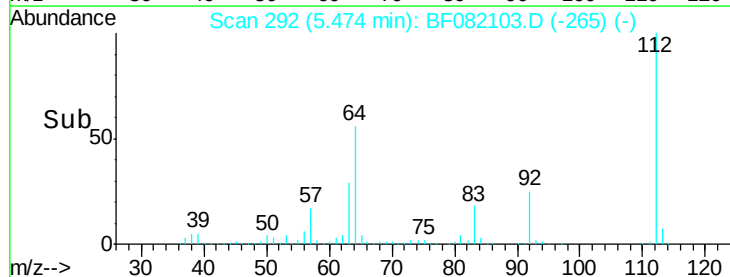
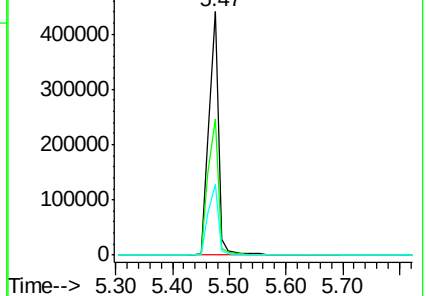
63 29.1 17.4 26.0#

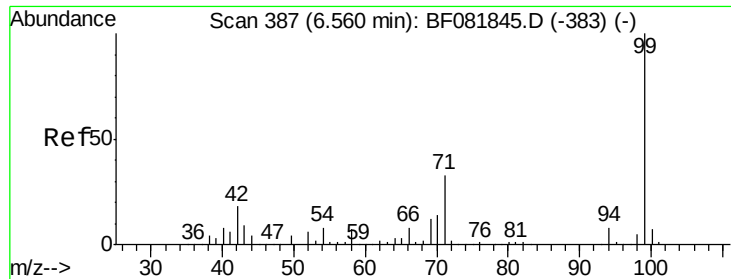


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.72 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

Instrument :

BNA_F

ClientSampleId :

PB85943BL

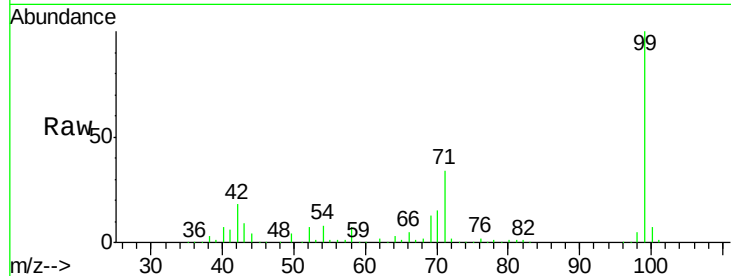
Tgt Ion: 99 Resp: 603432

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

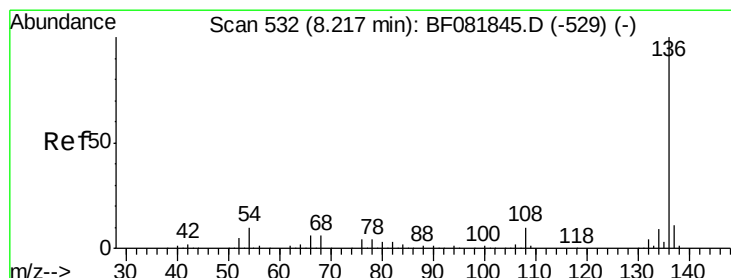
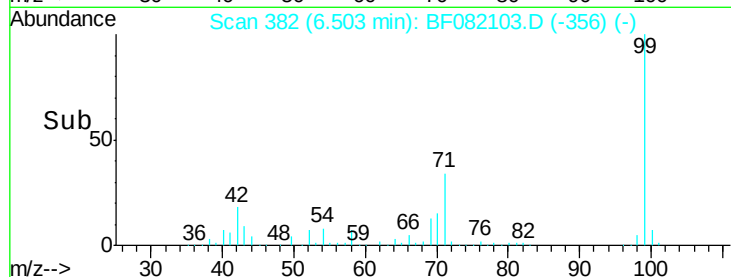
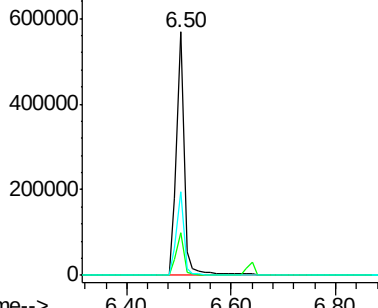
71 34.4 14.2 21.2#



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: 8.16 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

Tgt Ion: 136 Resp: 316681

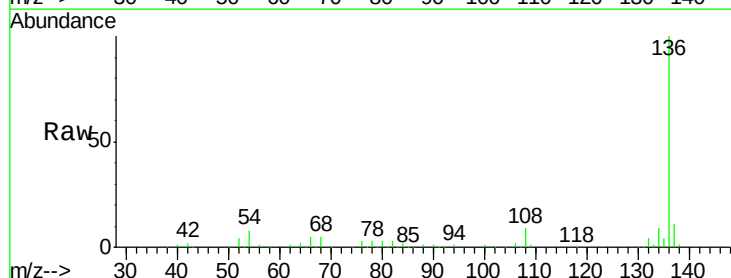
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 7.8 8.2 12.2#

68 5.1 5.8 8.6#

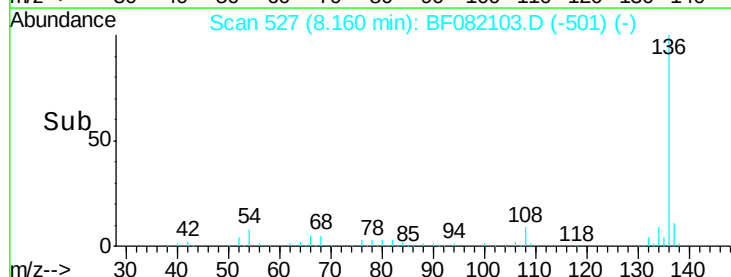
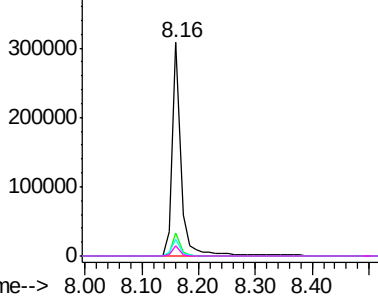


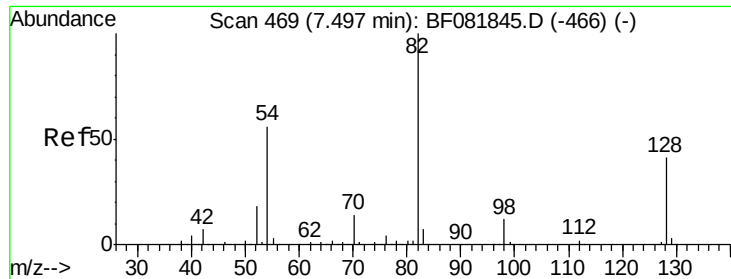
Abundance Ion 136.00 (135.70 to 136.70): E

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

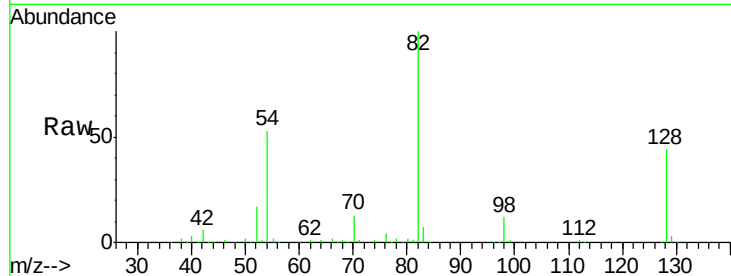




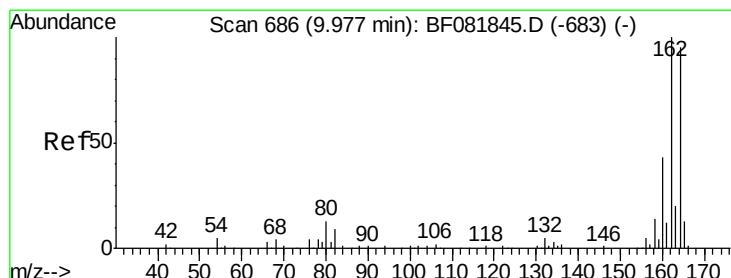
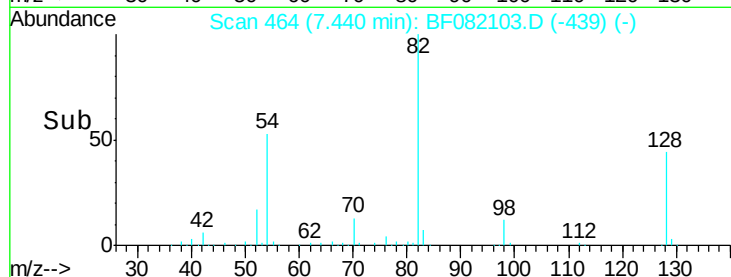
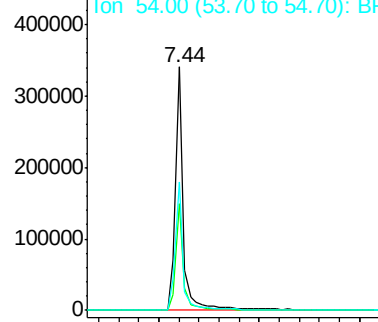
#23
 Nitrobenzene-d5
 Concen: 80.10 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

Tgt Ion: 82 Resp: 380539
 Ion Ratio Lower Upper
 82 100
 128 43.6 51.0 76.6#
 54 52.9 47.5 71.3

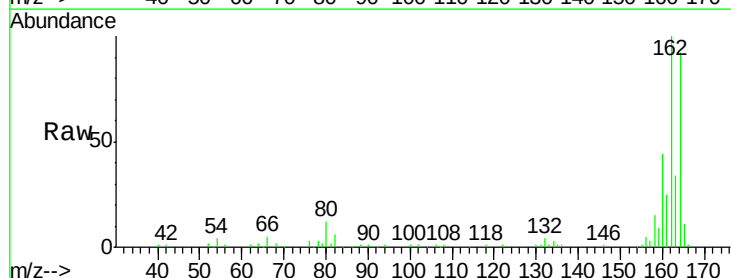


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

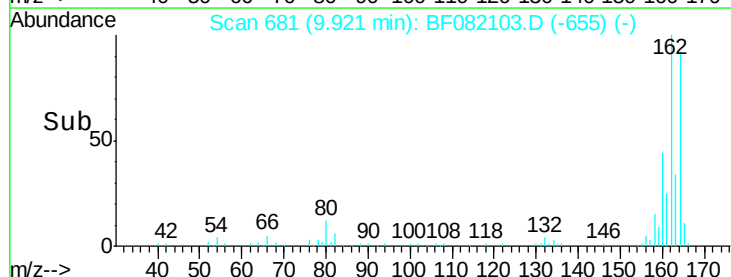
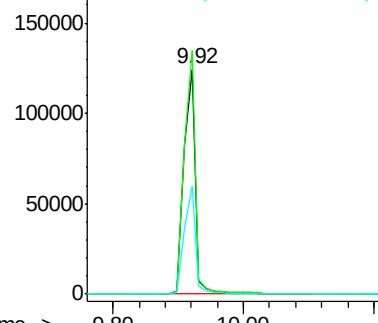


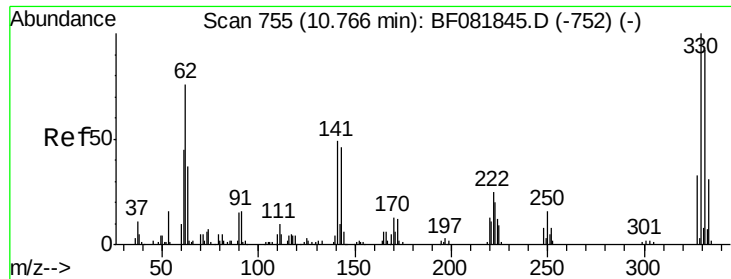
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Tgt Ion: 164 Resp: 154952
 Ion Ratio Lower Upper
 164 100
 162 108.2 75.2 112.8
 160 48.0 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

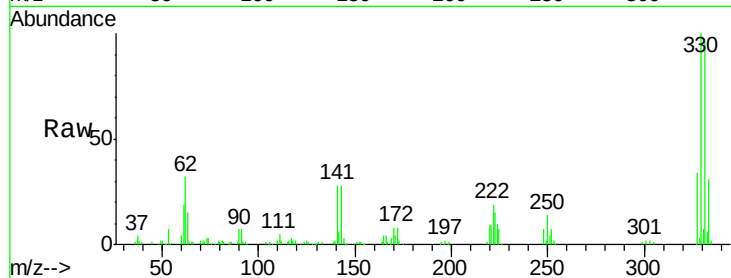




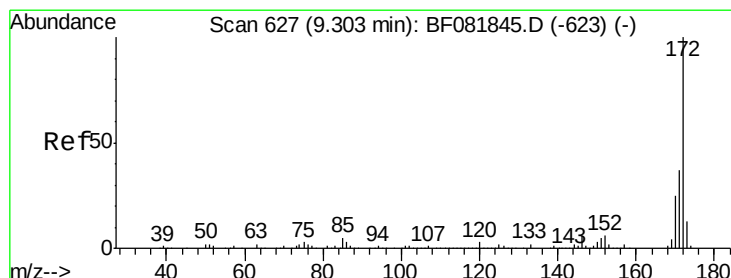
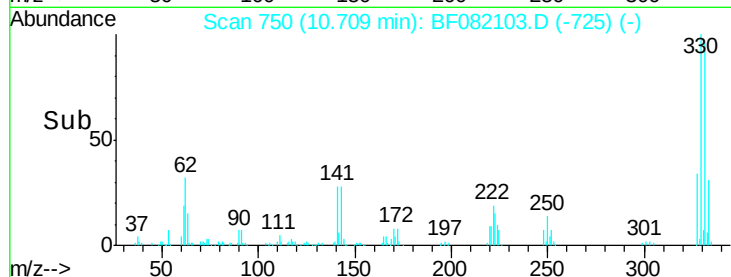
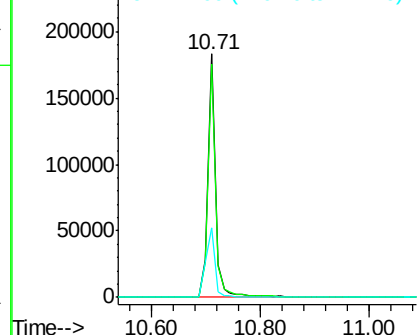
#41
 2,4,6-Tribromophenol
 Concen: 113.85 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

Tgt Ion: 330 Resp: 178671
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 34.0 29.7 44.5

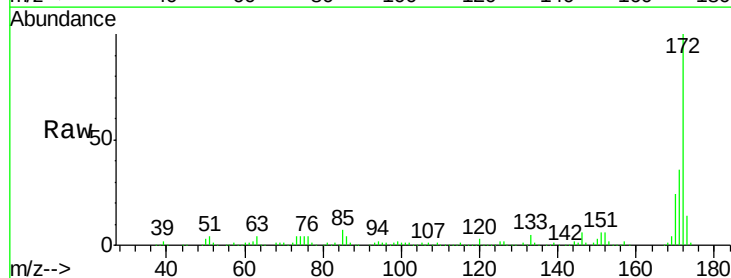


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

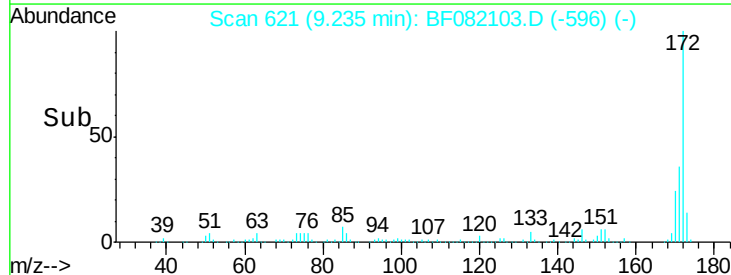
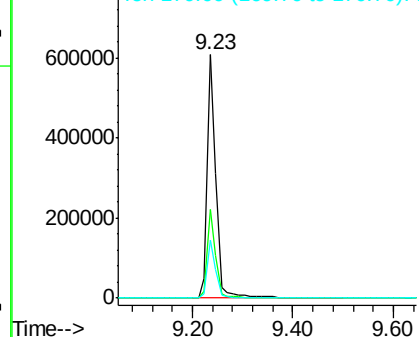


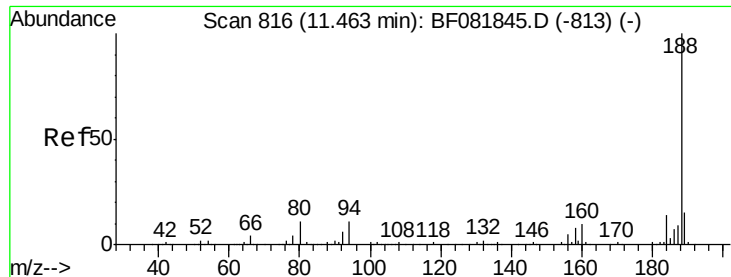
#44
 2-Fluorobiphenyl
 Concen: 78.31 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Tgt Ion: 172 Resp: 736336
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.0 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

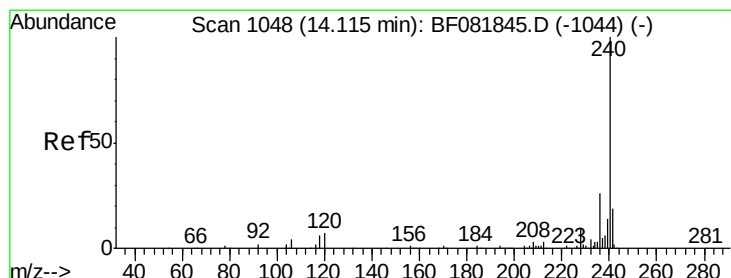
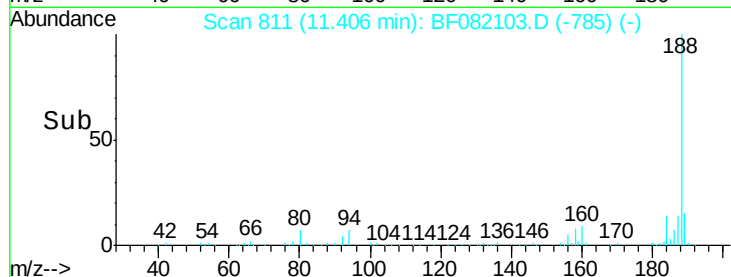
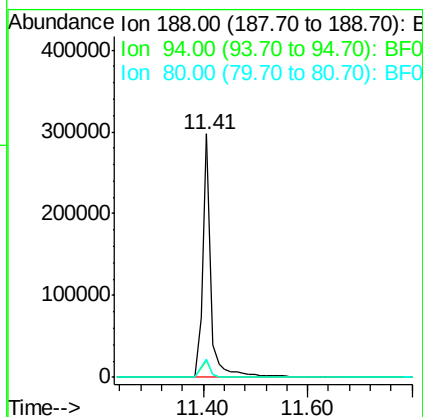
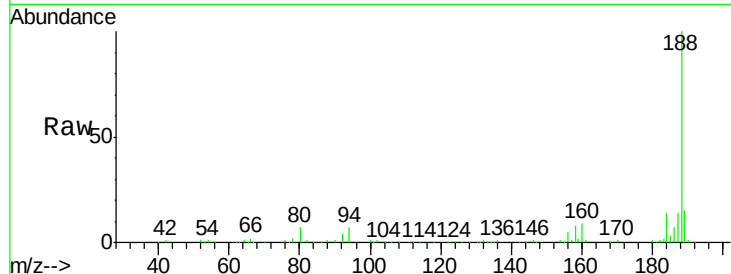




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF082103.D
Acq: 7 Oct 2015 14:29

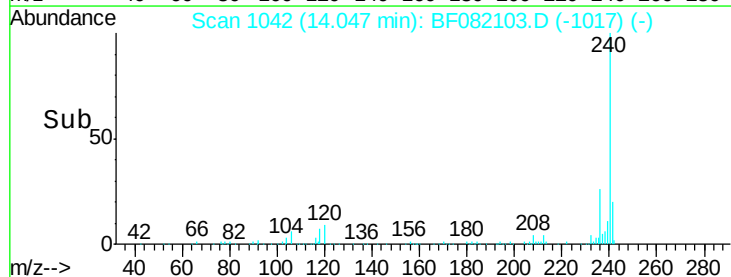
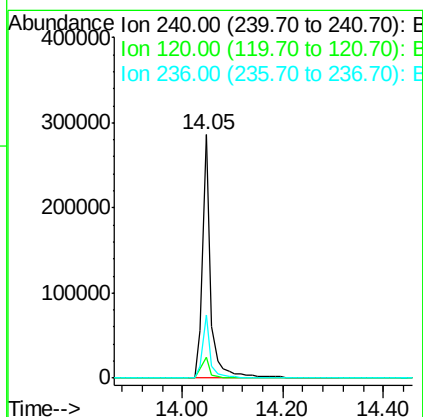
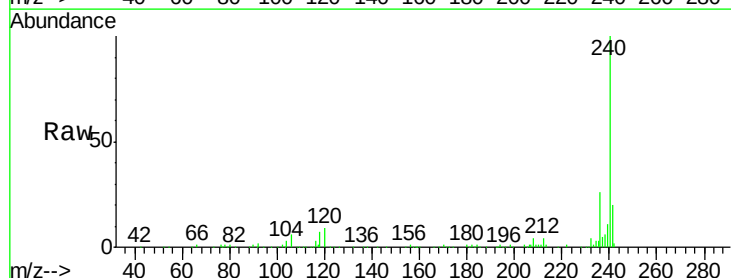
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PB85943BL

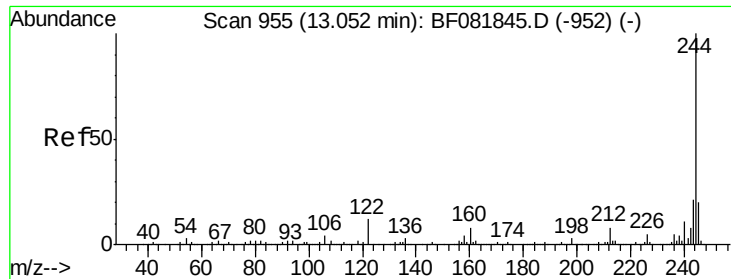
Tgt Ion:188 Resp: 327786
Ion Ratio Lower Upper
188 100
94 7.2 11.1 16.7#
80 7.5 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082103.D
Acq: 7 Oct 2015 14:29

Tgt Ion:240 Resp: 324477
Ion Ratio Lower Upper
240 100
120 8.5 16.2 24.2#
236 26.0 18.4 27.6

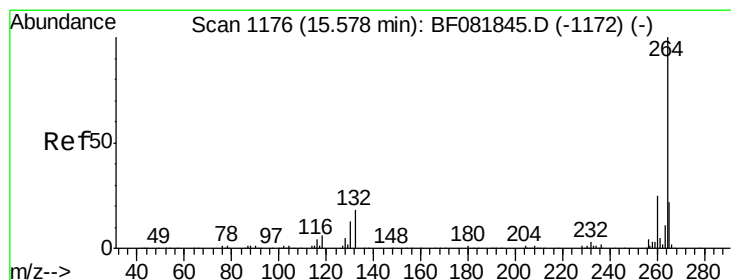
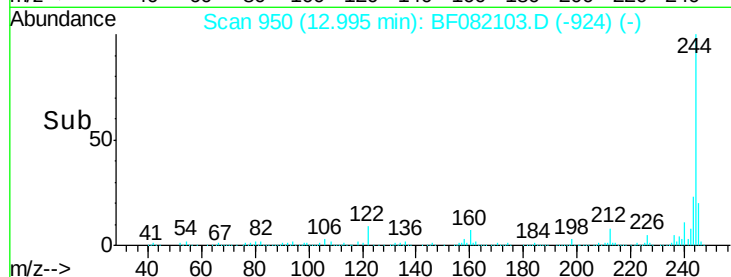
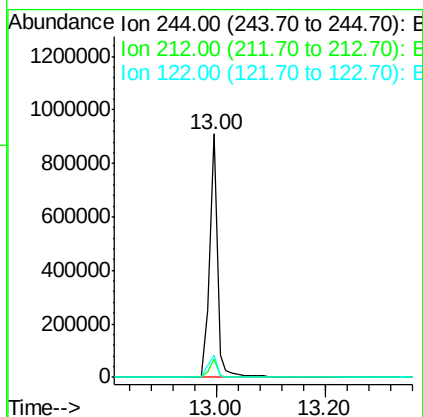
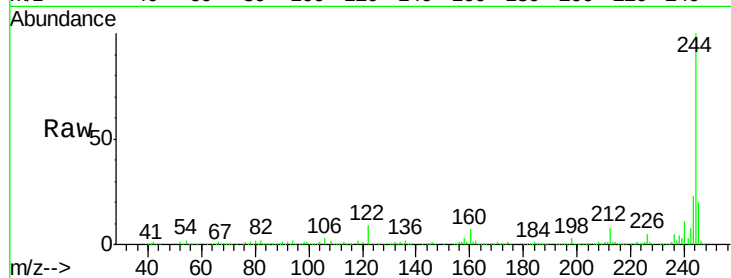




#78
 Terphenyl-d14
 Concen: 94.76 ng
 RT: 13.00 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

Tgt Ion:244 Resp: 922068
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 9.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Tgt Ion:264 Resp: 237776
 Ion Ratio Lower Upper
 264 100
 260 23.2 16.7 25.1
 265 20.8 17.2 25.8

