

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081973.D
 Acq On : 2 Oct 2015 8:21
 Operator : UM/IZ
 Sample : G3875-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

Quant Time: Oct 02 13:56:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\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	6.90	152	111036	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	454709	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	210550	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	456795	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	375634	20.00	ng	-0.06
86) Perylene-d12	15.50	264	105148	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	677330	110.74	ng	-0.02
7) Phenol-d6	6.53	99	861637	111.95	ng	-0.03
23) Nitrobenzene-d5	7.46	82	614756	90.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	288650	135.37	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1160368	94.19	ng	-0.05
78) Terphenyl-d14	13.01	244	1217847	116.20	ng	-0.05

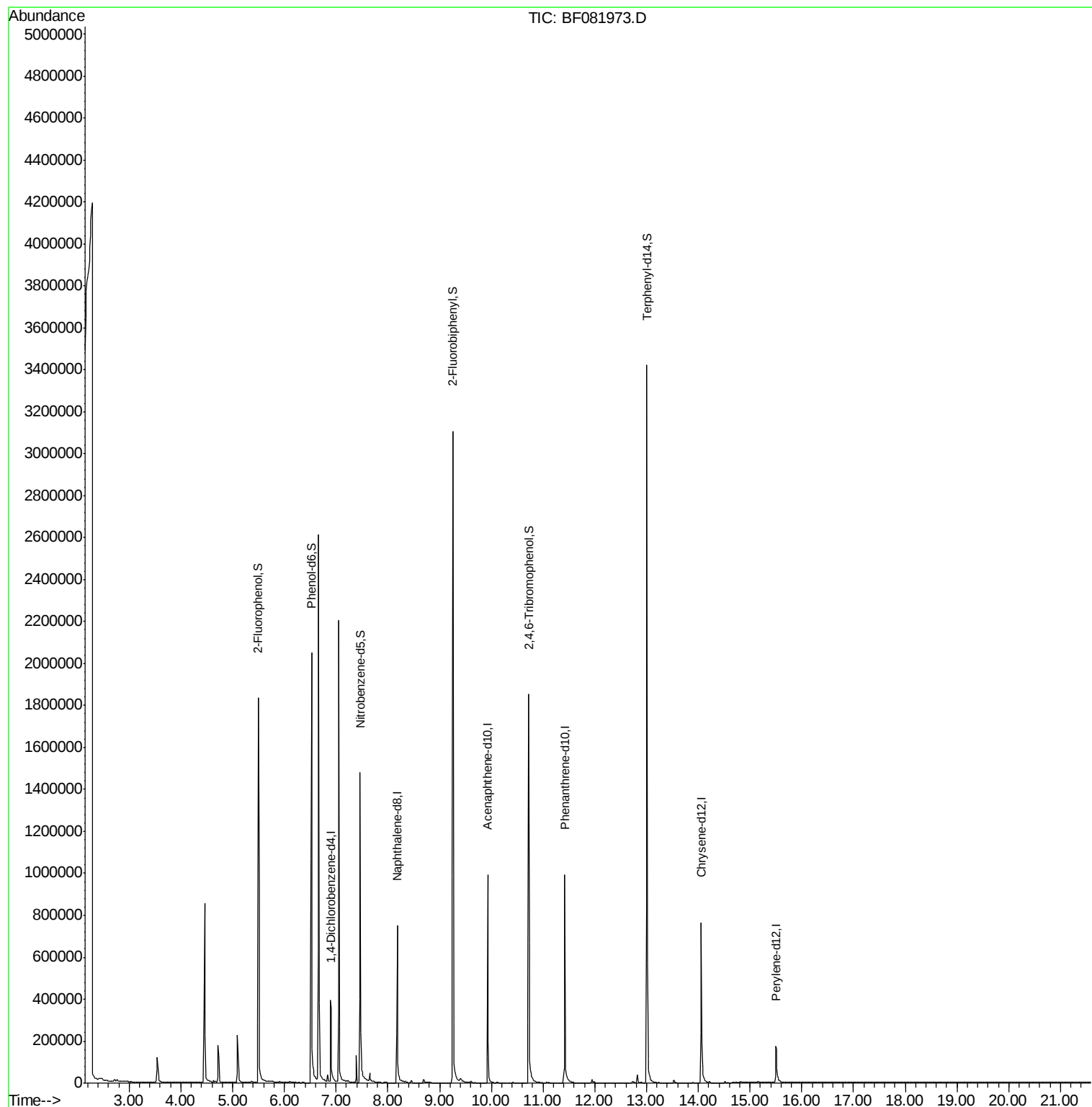
Target Compounds	Qvalue
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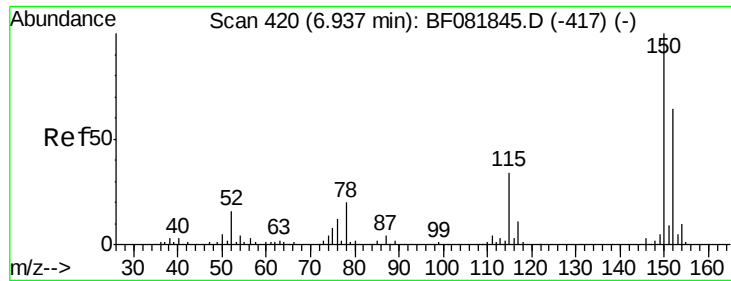
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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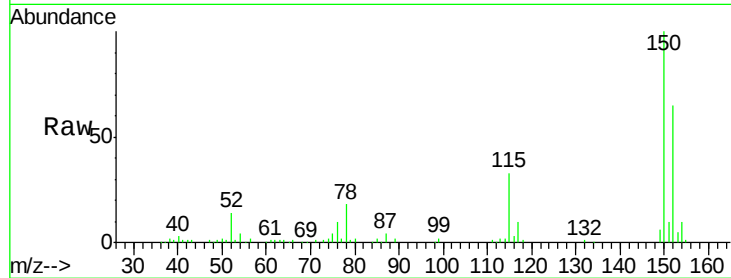


#1

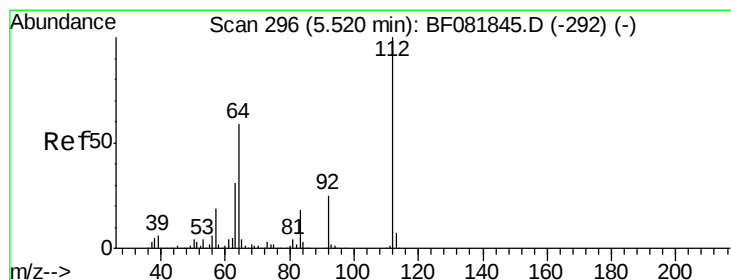
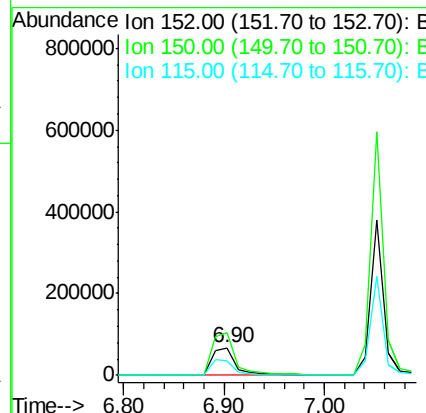
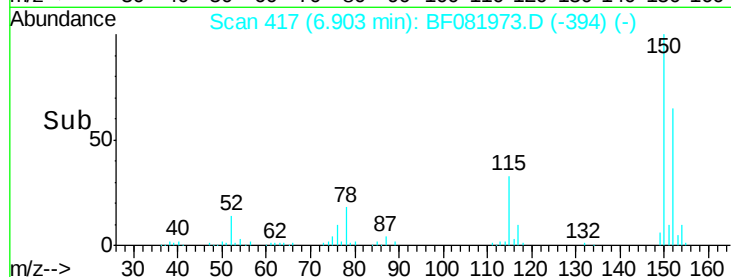
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

Instrument :
BNA_F
ClientSampleId :
A7-COMP

Tgt Ion:152 Resp: 111036
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 50.9 39.0 58.4



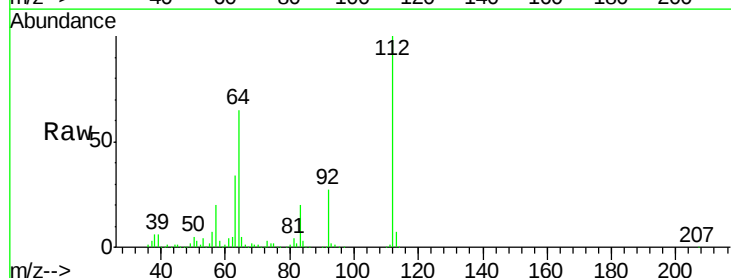
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



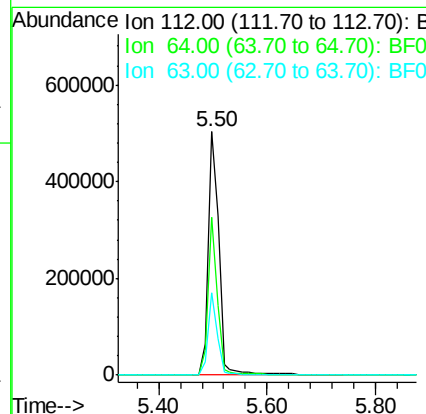
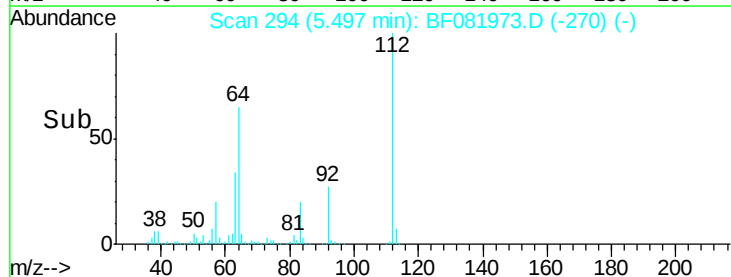
#5

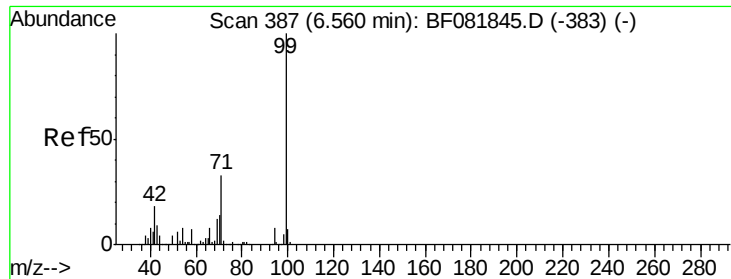
2-Fluorophenol
Concen: 110.74 ng
RT: 5.50 min Scan# 294
Delta R.T. -0.02 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

Tgt Ion:112 Resp: 677330
Ion Ratio Lower Upper
112 100
64 64.8 39.7 59.5#
63 33.9 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: 111.95 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

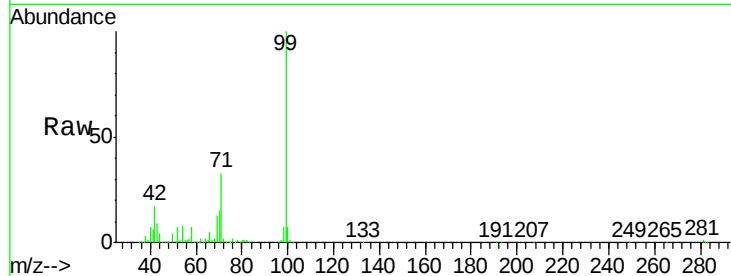
Tgt Ion: 99 Resp: 861637

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

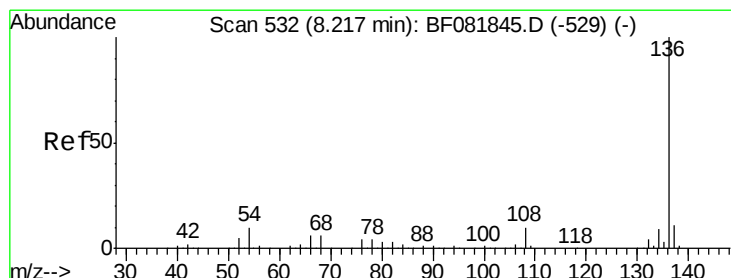
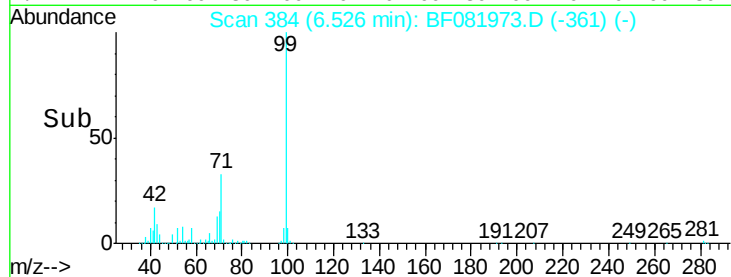
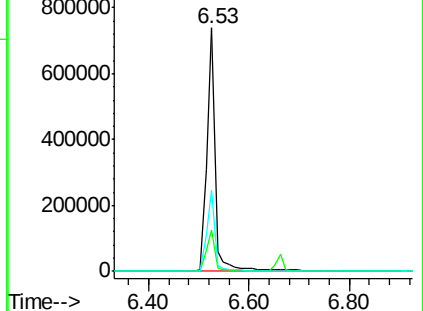
71 33.2 14.2 21.2#



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: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Tgt Ion: 136 Resp: 454709

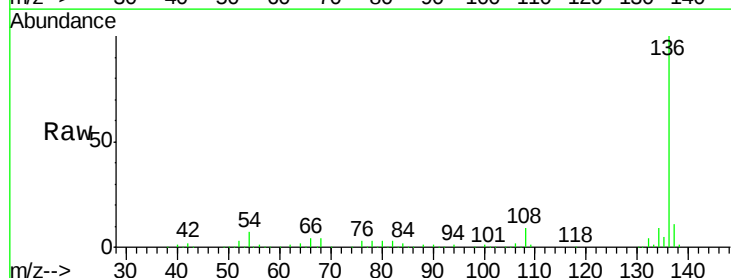
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 7.0 8.2 12.2#

68 4.5 5.8 8.6#

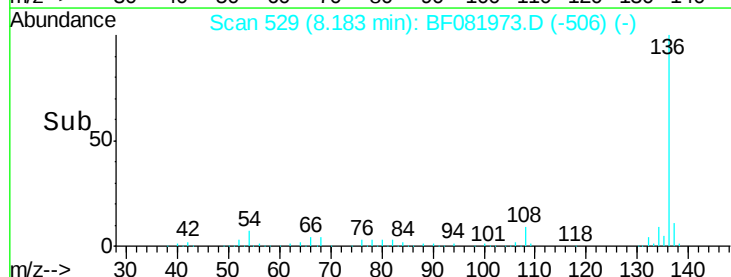
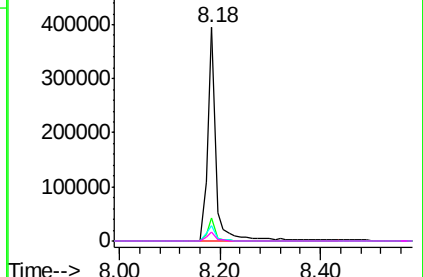


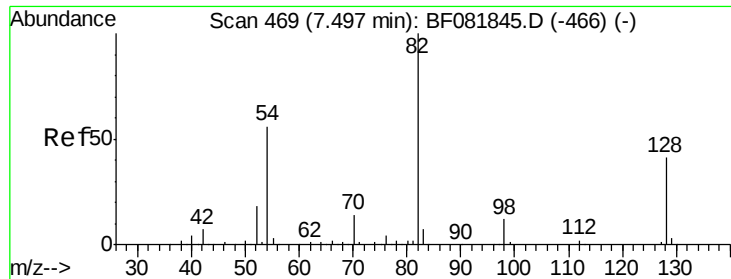
Abundance Ion 136.00 (135.70 to 136.70): E

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

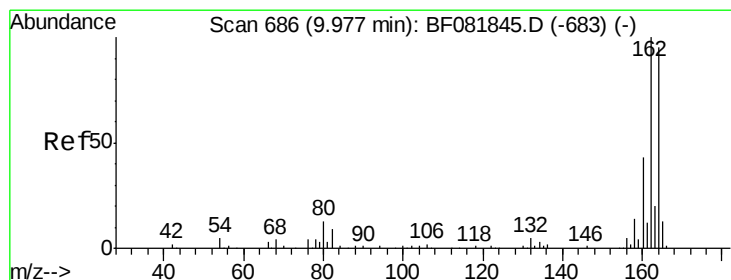
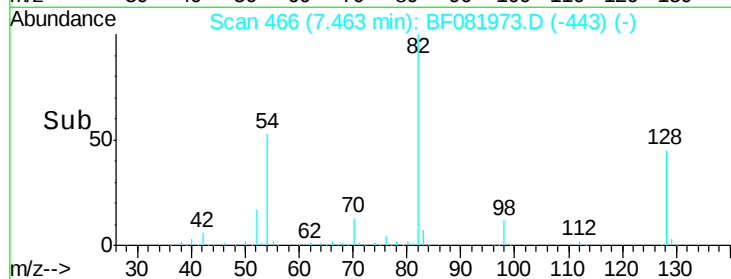
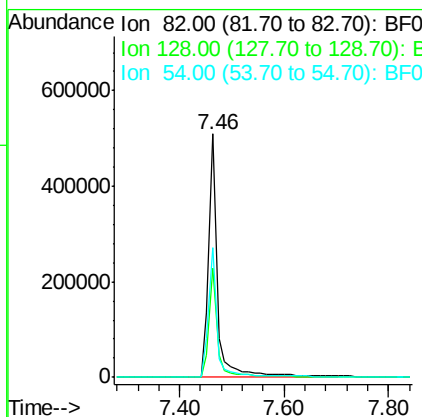
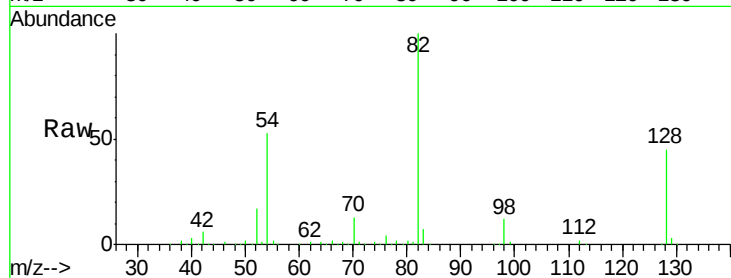




#23
 Nitrobenzene-d5
 Concen: 90.12 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

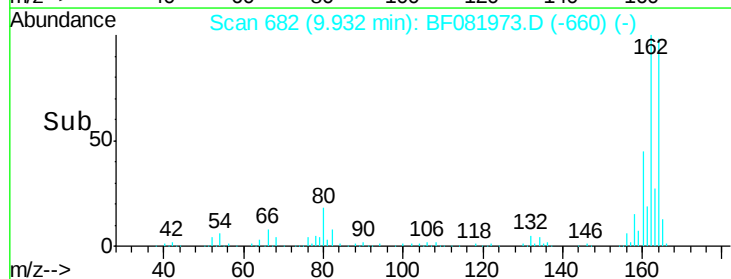
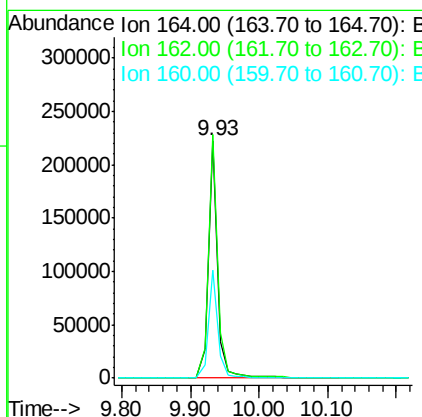
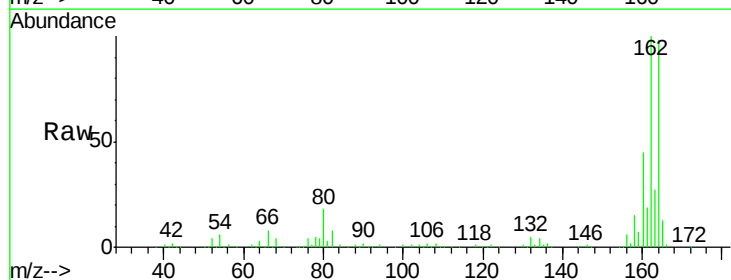
Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

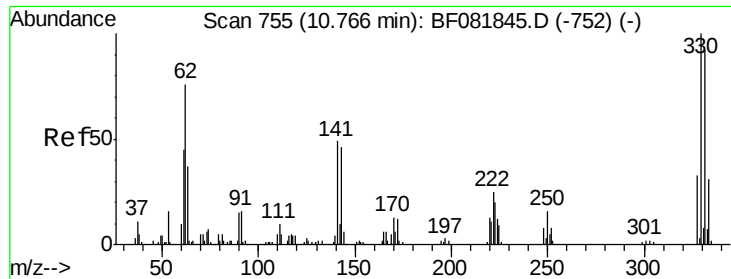
Tgt Ion: 82 Resp: 614756
 Ion Ratio Lower Upper
 82 100
 128 44.6 51.0 76.6#
 54 53.0 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion: 164 Resp: 210550
 Ion Ratio Lower Upper
 164 100
 162 102.5 75.2 112.8
 160 45.7 31.5 47.3

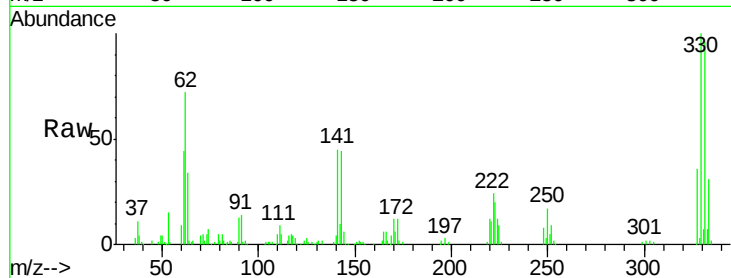




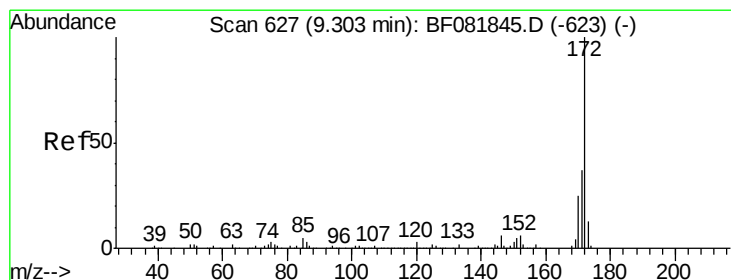
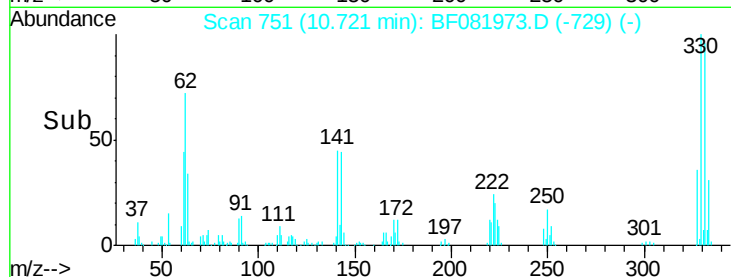
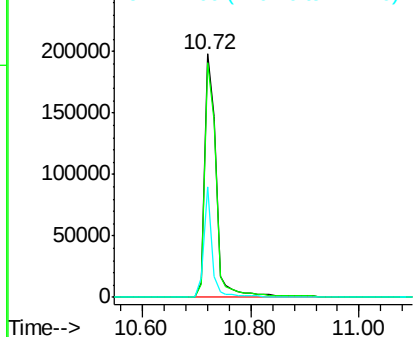
#41
 2,4,6-Tribromophenol
 Concen: 135.37 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Instrument :
 BNA_F
 ClientSampled :
 A7-COMP

Tgt Ion:330 Resp: 288650
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 33.8 29.7 44.5

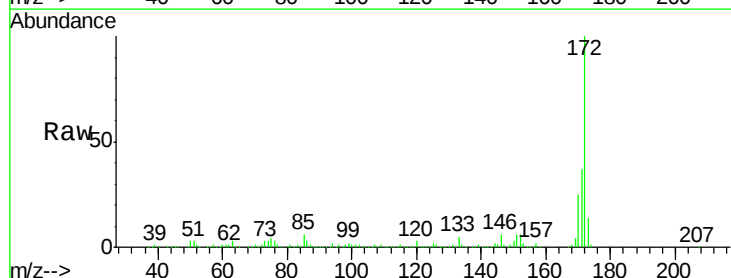


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

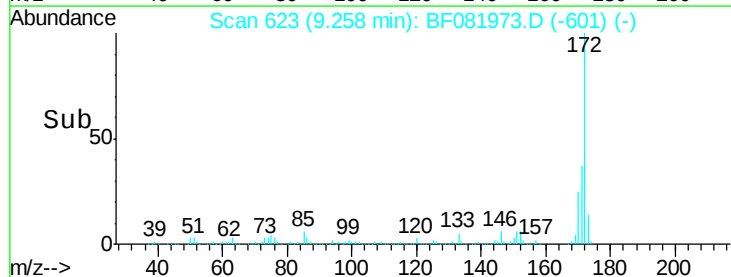
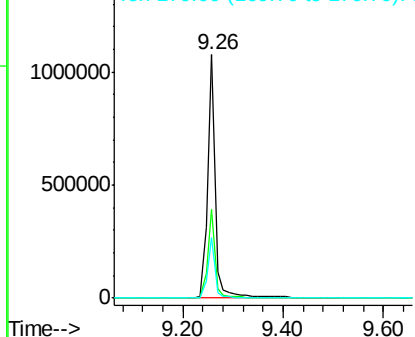


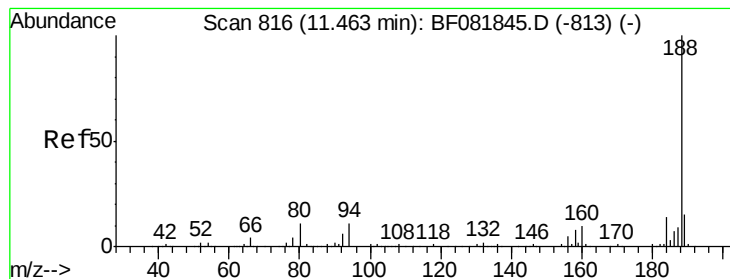
#44
 2-Fluorobiphenyl
 Concen: 94.19 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion:172 Resp: 1160368
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.8 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. -0.05 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampled :

A7-COMP

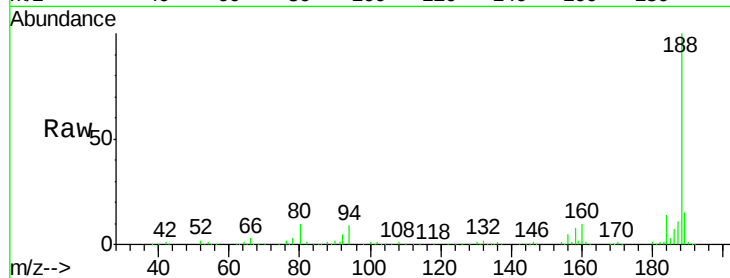
Tgt Ion:188 Resp: 456795

Ion Ratio Lower Upper

188 100

94 8.8 11.1 16.7#

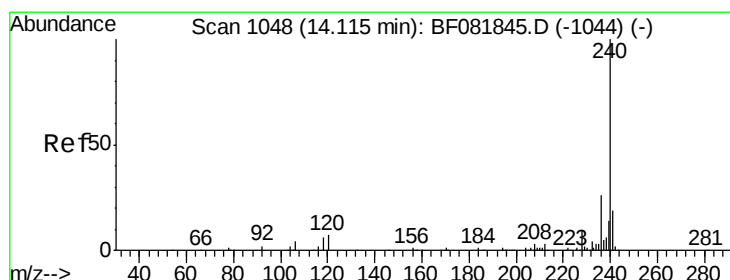
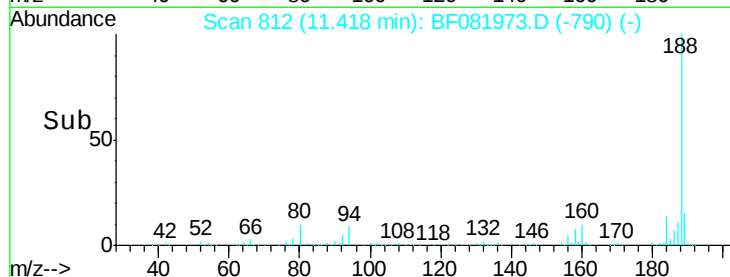
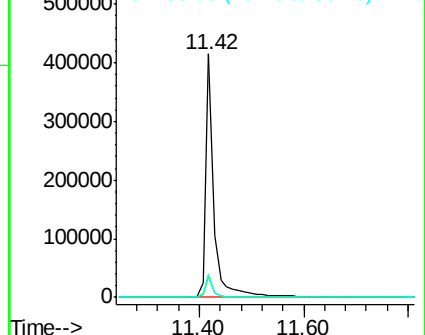
80 9.7 11.0 16.4#



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: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

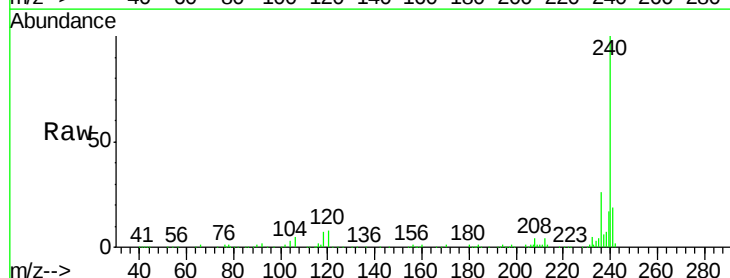
Tgt Ion:240 Resp: 375634

Ion Ratio Lower Upper

240 100

120 8.2 16.2 24.2#

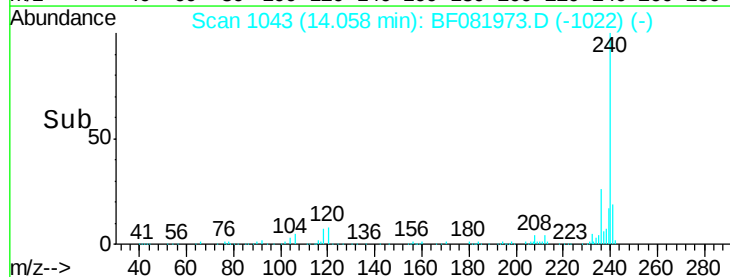
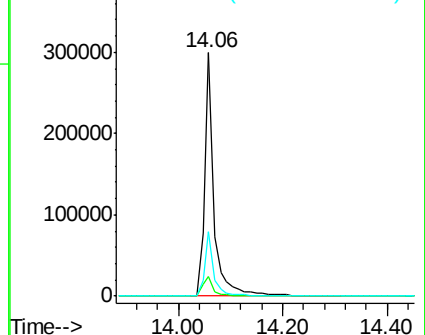
236 26.3 18.4 27.6

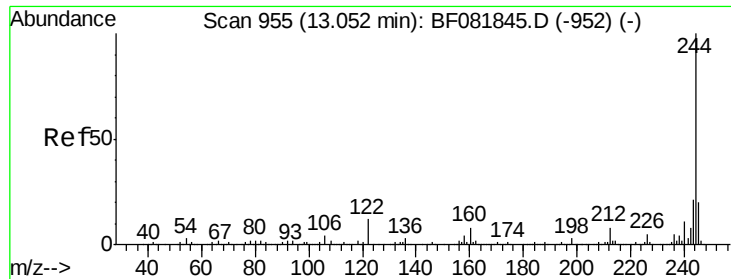


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

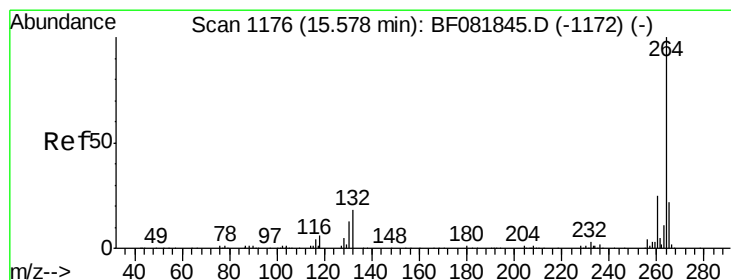
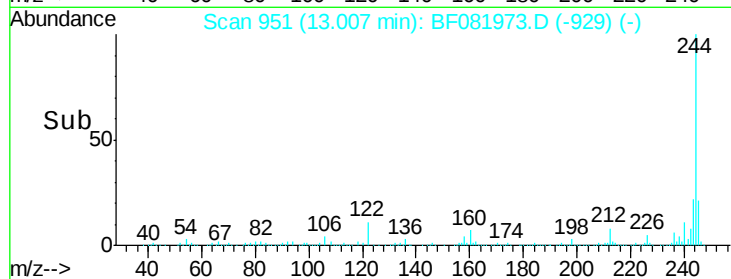
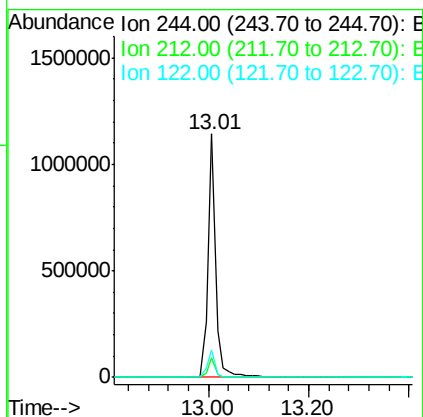
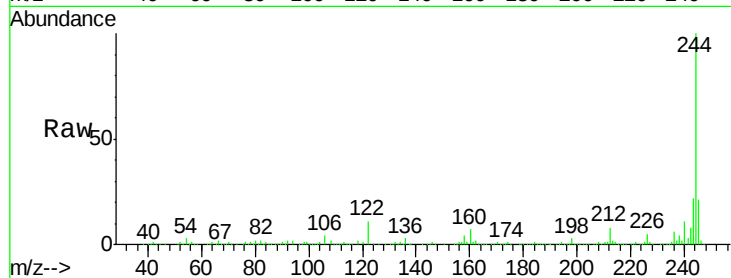




#78
 Terphenyl-d14
 Concen: 116.20 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Instrument :
 BNA_F
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 A7-COMP

Tgt Ion:244 Resp: 1217847
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 11.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.08 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion:264 Resp: 105148
 Ion Ratio Lower Upper
 264 100
 260 27.6 16.7 25.1#
 265 21.5 17.2 25.8

