

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081890.D
 Acq On : 29 Sep 2015 20:33
 Operator : UM/IZ
 Sample : PB85767BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BL

Quant Time: Sep 30 02:40:00 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	6.93	152	77333	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	330168	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	206894	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	432681	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	432079	20.00	ng	-0.02
86) Perylene-d12	15.57	264	371221	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	319388	74.97	ng	0.00
7) Phenol-d6	6.54	99	328934	61.36	ng	-0.02
23) Nitrobenzene-d5	7.49	82	376134	75.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	141517	67.54	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	905082	70.87	ng	-0.02
78) Terphenyl-d14	13.04	244	1009623	72.46	ng	-0.01

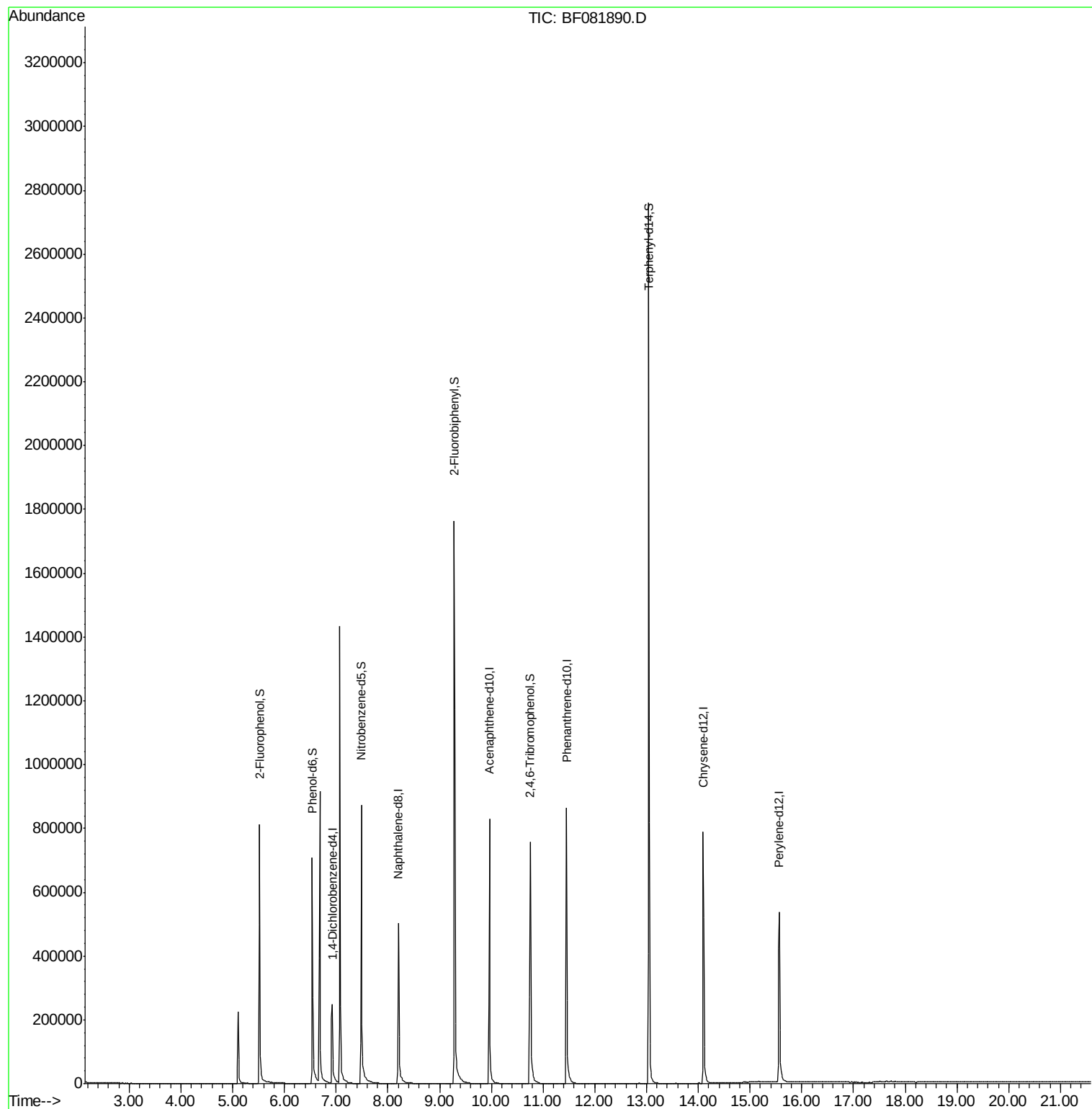
Target Compounds	Qvalue
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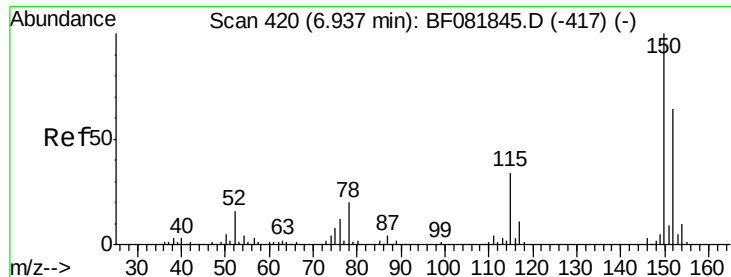
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

Instrument :

BNA_F

ClientSampleId :

PB85767BL

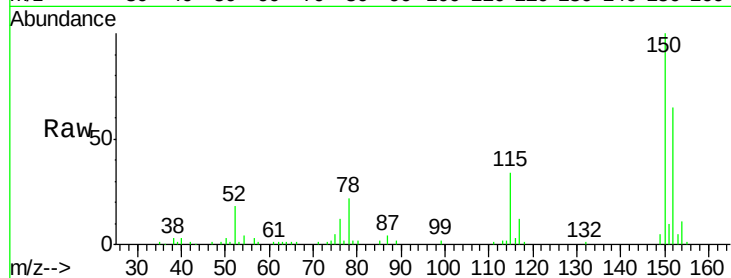
Tgt Ion:152 Resp: 77333

Ion Ratio Lower Upper

152 100

150 152.8 124.7 187.1

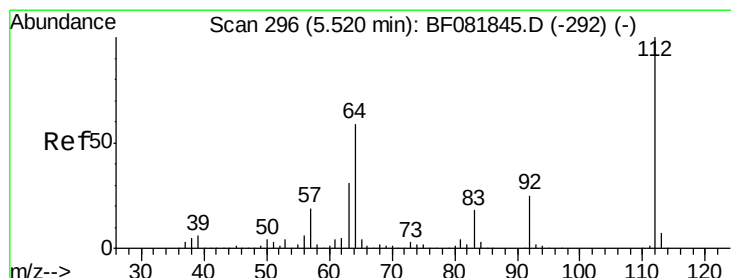
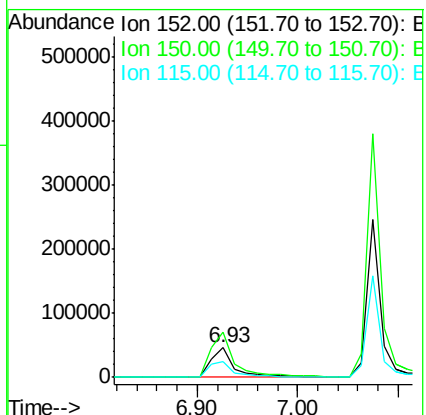
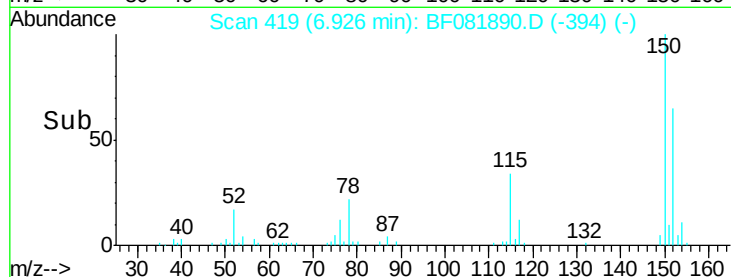
115 51.5 39.0 58.4



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: 74.97 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

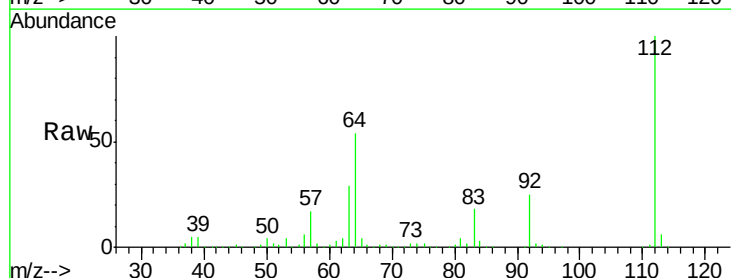
Tgt Ion:112 Resp: 319388

Ion Ratio Lower Upper

112 100

64 53.7 39.7 59.5

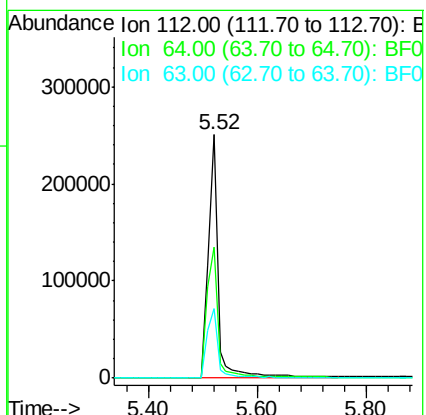
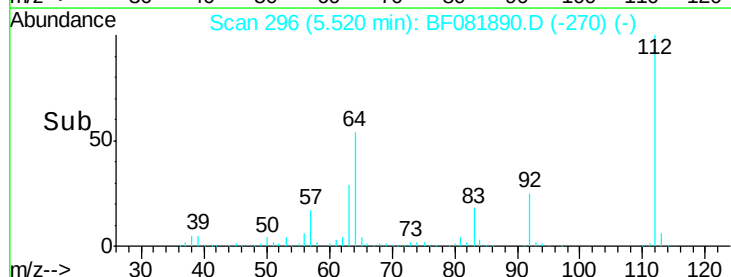
63 28.8 17.4 26.0#

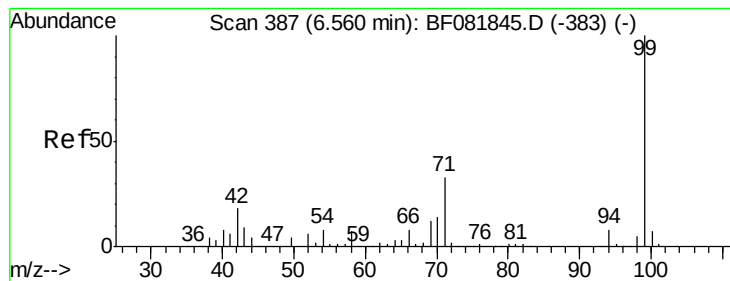


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 61.36 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

Instrument :

BNA_F

ClientSampleId :

PB85767BL

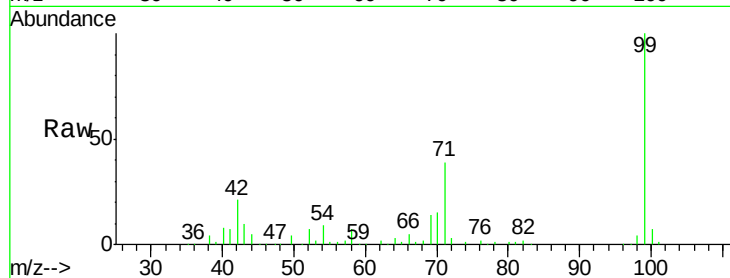
Tgt Ion: 99 Resp: 328934

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

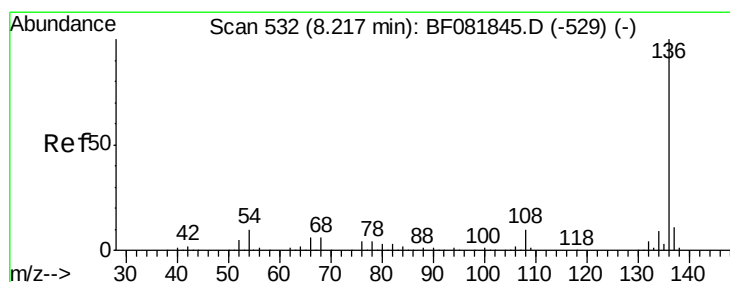
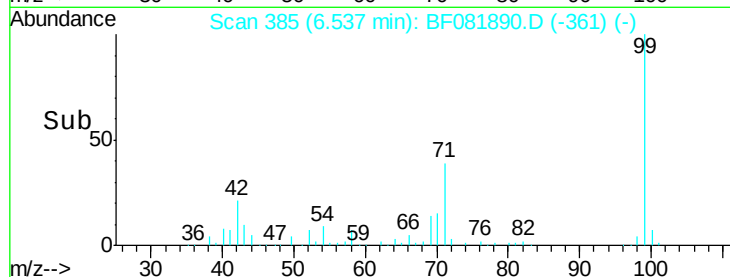
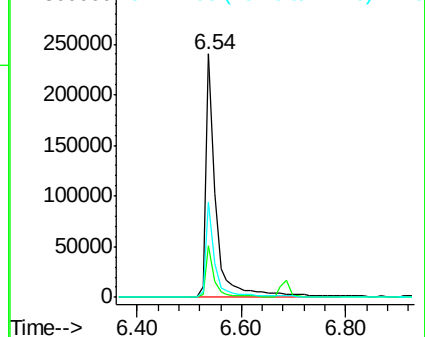
71 39.1 14.2 21.2#



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: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

Tgt Ion: 136 Resp: 330168

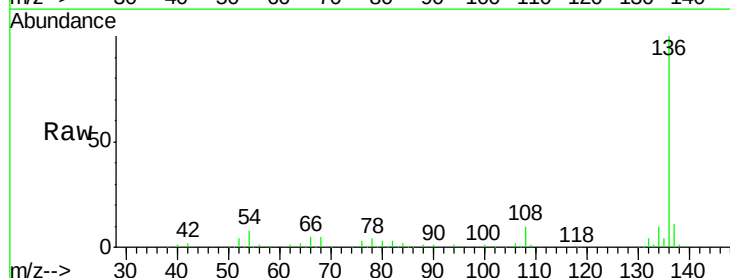
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.8 8.2 12.2#

68 4.9 5.8 8.6#

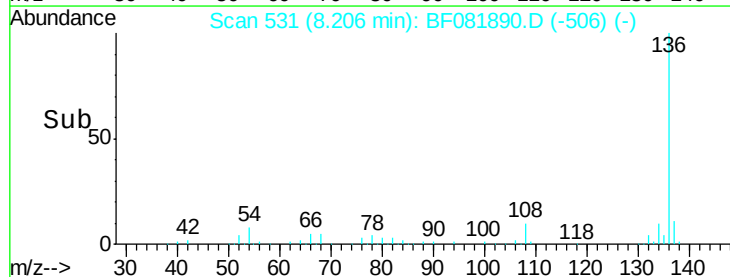
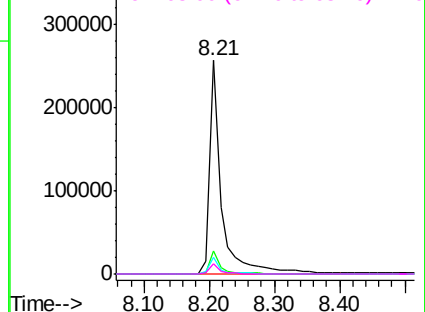


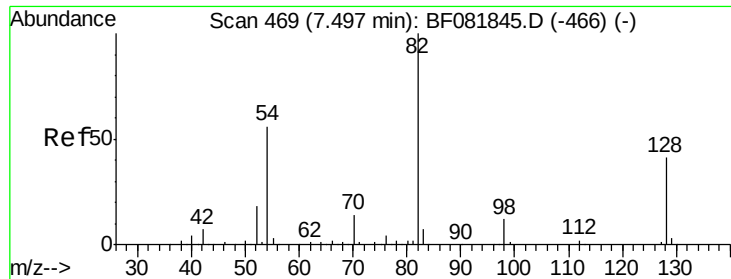
Abundance Ion 136.00 (135.70 to 136.70): E

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

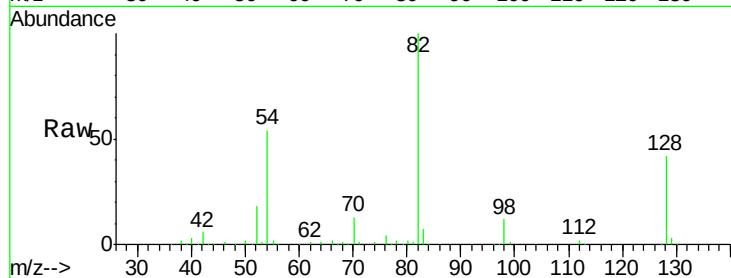




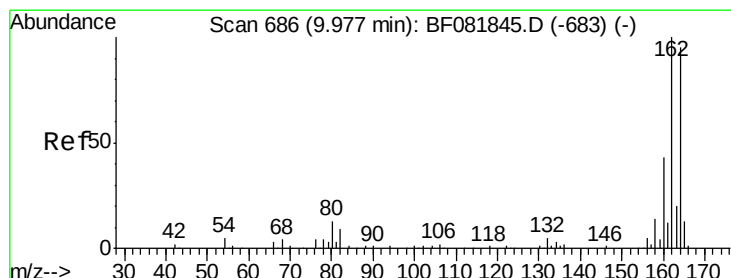
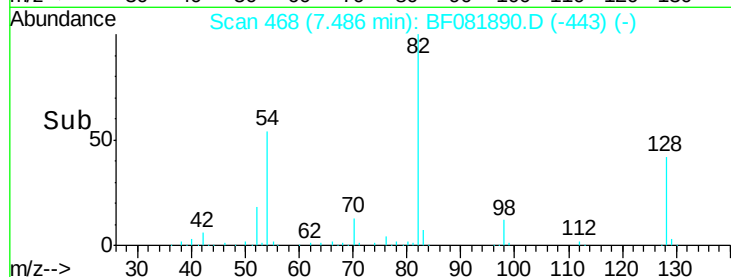
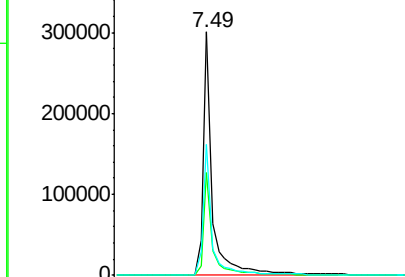
#23
 Nitrobenzene-d5
 Concen: 75.94 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Instrument :
 BNA_F
 ClientSampleID :
 PB85767BL

Tgt Ion: 82 Resp: 376134
 Ion Ratio Lower Upper
 82 100
 128 42.5 51.0 76.6#
 54 53.8 47.5 71.3

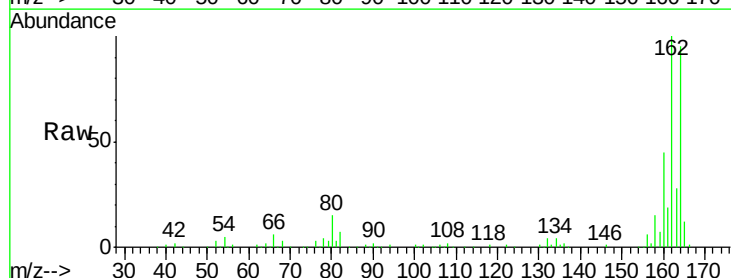


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

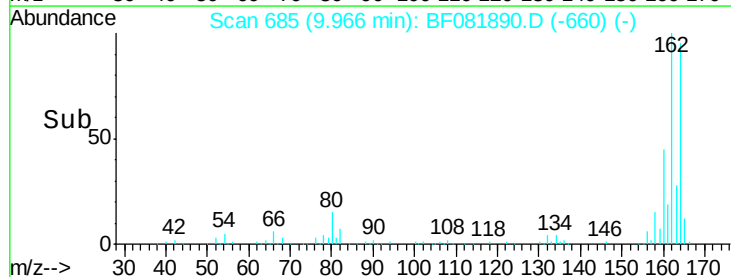
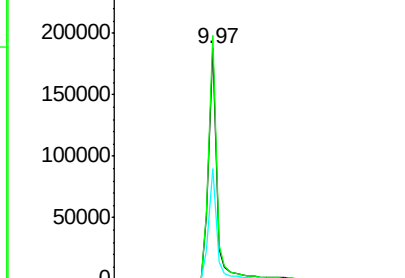


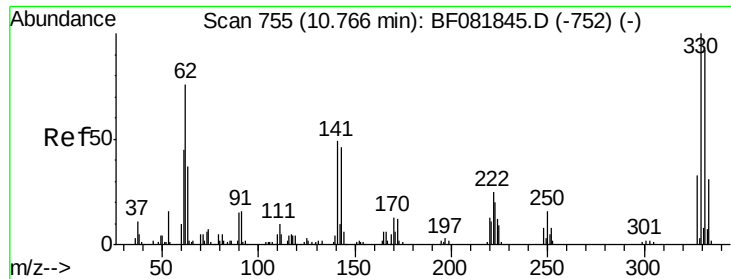
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Tgt Ion: 164 Resp: 206894
 Ion Ratio Lower Upper
 164 100
 162 105.6 75.2 112.8
 160 47.7 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

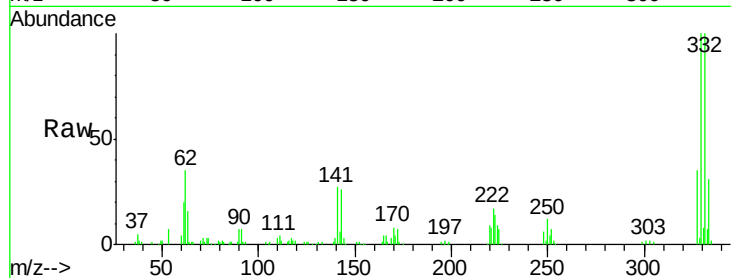




#41
 2,4,6-Tribromophenol
 Concen: 67.54 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	32.6	29.7	44.5

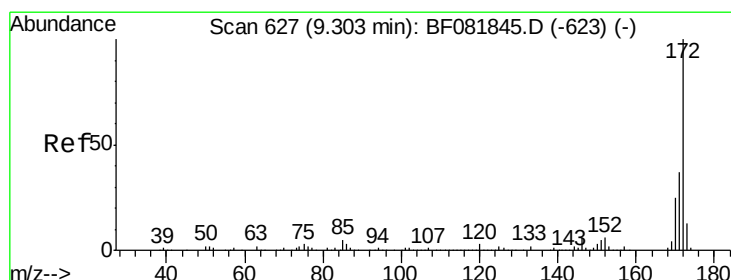
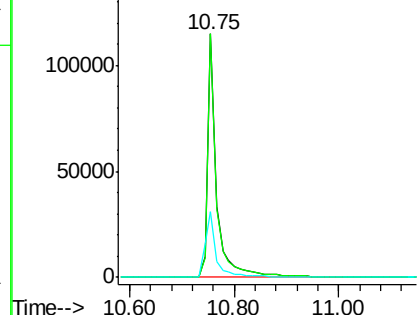
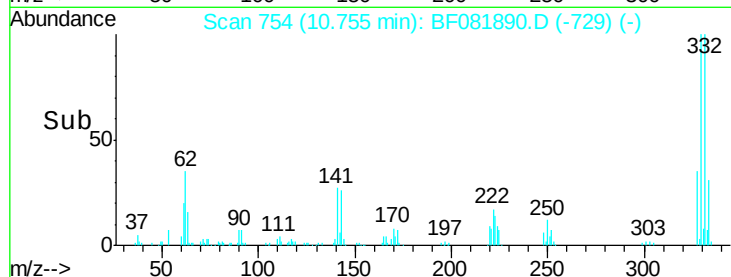


Abundance

Ion 329.80 (329.50 to 330.50): E

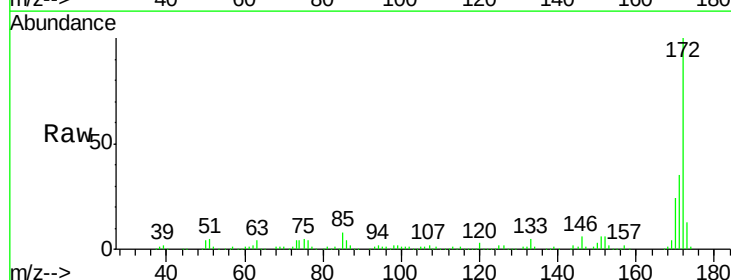
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.87 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	24.4	17.4	26.2

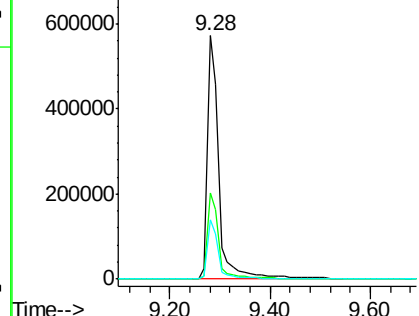
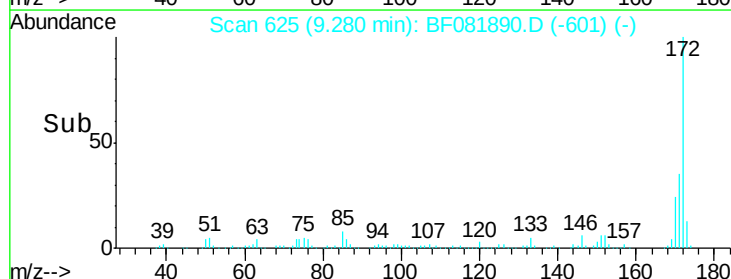


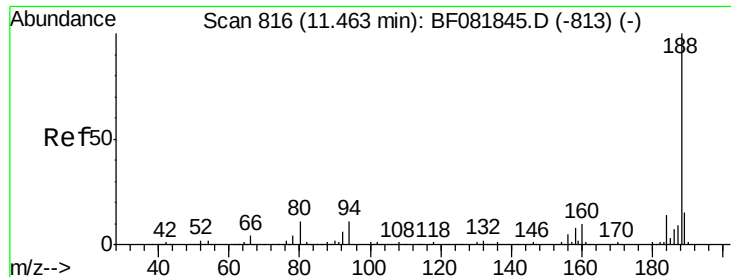
Abundance

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

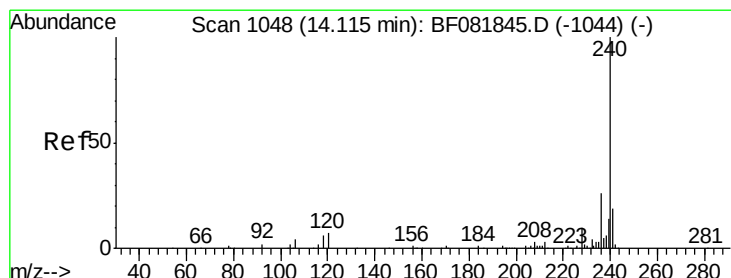
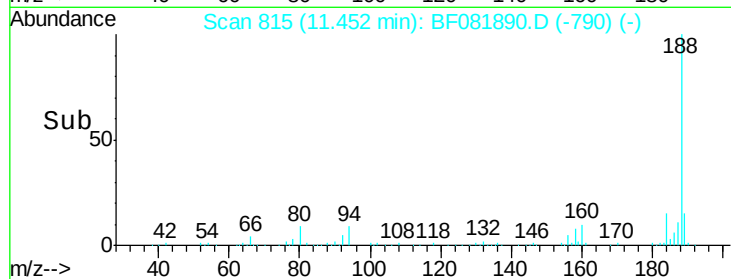
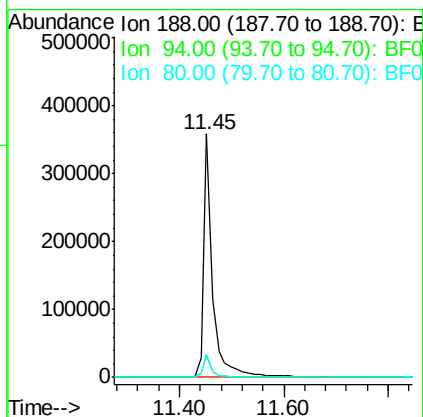
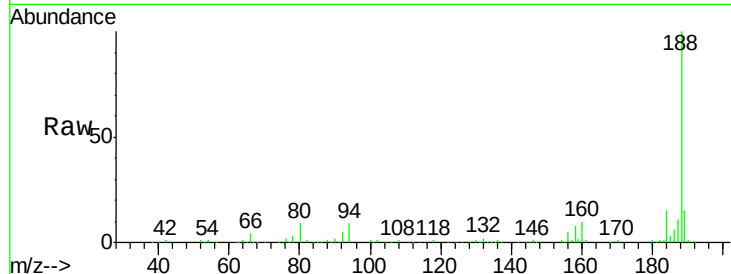




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

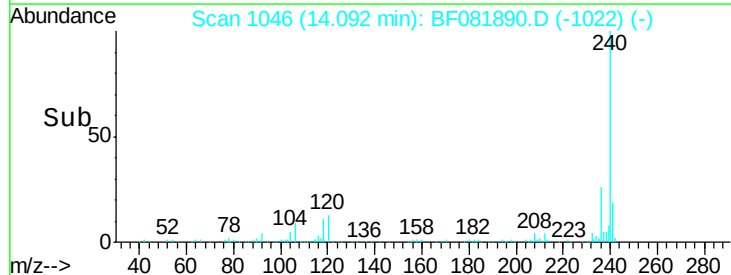
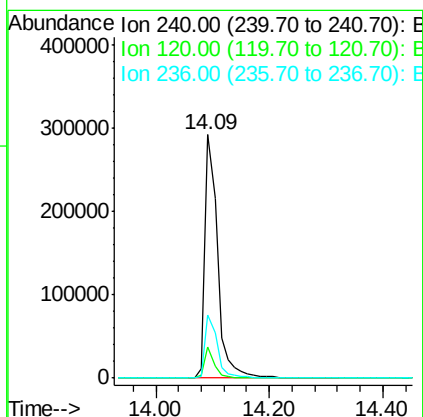
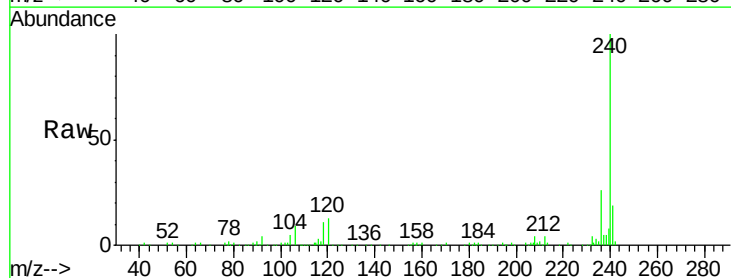
Instrument :
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 PB85767BL

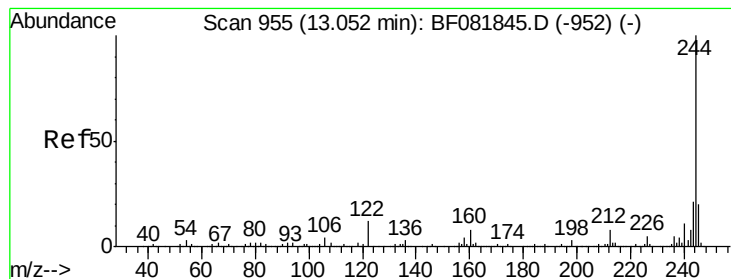
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	11.1	16.7#
80	9.5	11.0	16.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	16.2	24.2#
236	25.8	18.4	27.6





#78

Terphenyl-d14

Concen: 72.46 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

Instrument :

BNA_F

ClientSampleId :

PB85767BL

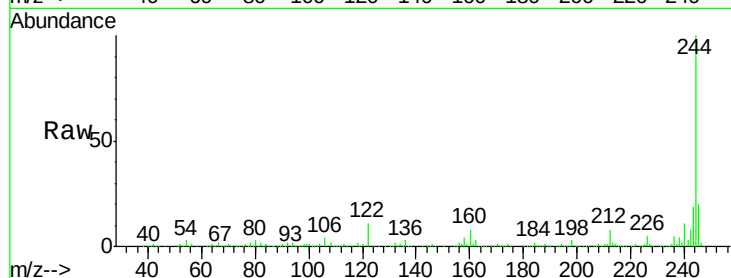
Tgt Ion:244 Resp: 1009623

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

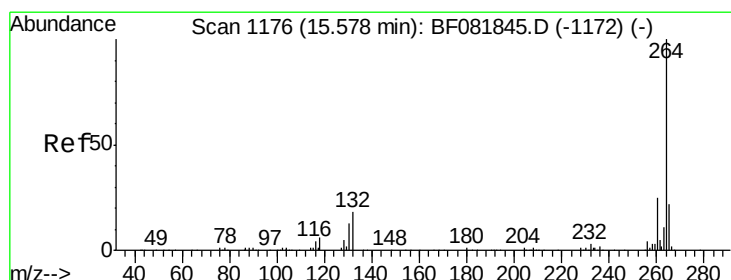
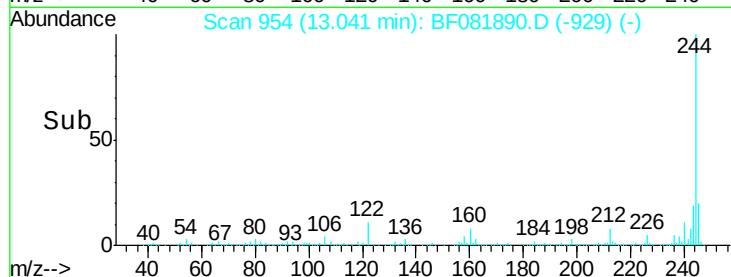
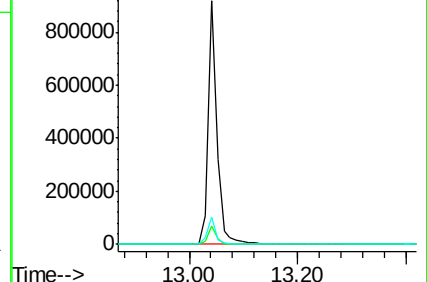
122 11.3 17.4 26.2#



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: 15.57 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

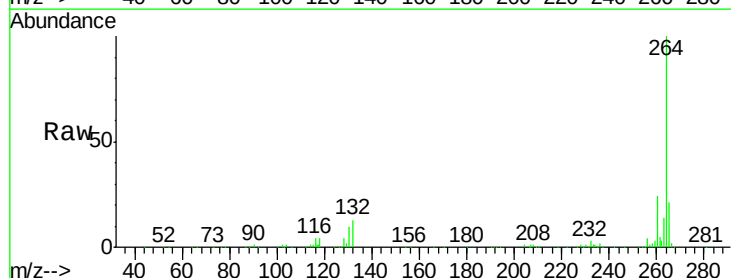
Tgt Ion:264 Resp: 371221

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

265 20.9 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

