

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081889.D
 Acq On : 29 Sep 2015 20:03
 Operator : UM/IZ
 Sample : PB85717BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BL

Quant Time: Sep 30 02:36:10 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	73757	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	326836	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	220353	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	422403	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	436282	20.00	ng	-0.02
86) Perylene-d12	15.57	264	364042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	460495	113.34	ng	0.00
7) Phenol-d6	6.55	99	662163	129.52	ng	-0.01
23) Nitrobenzene-d5	7.49	82	424440	86.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	230395	103.24	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1067157	80.14	ng	-0.02
78) Terphenyl-d14	13.04	244	1075625	77.78	ng	-0.01

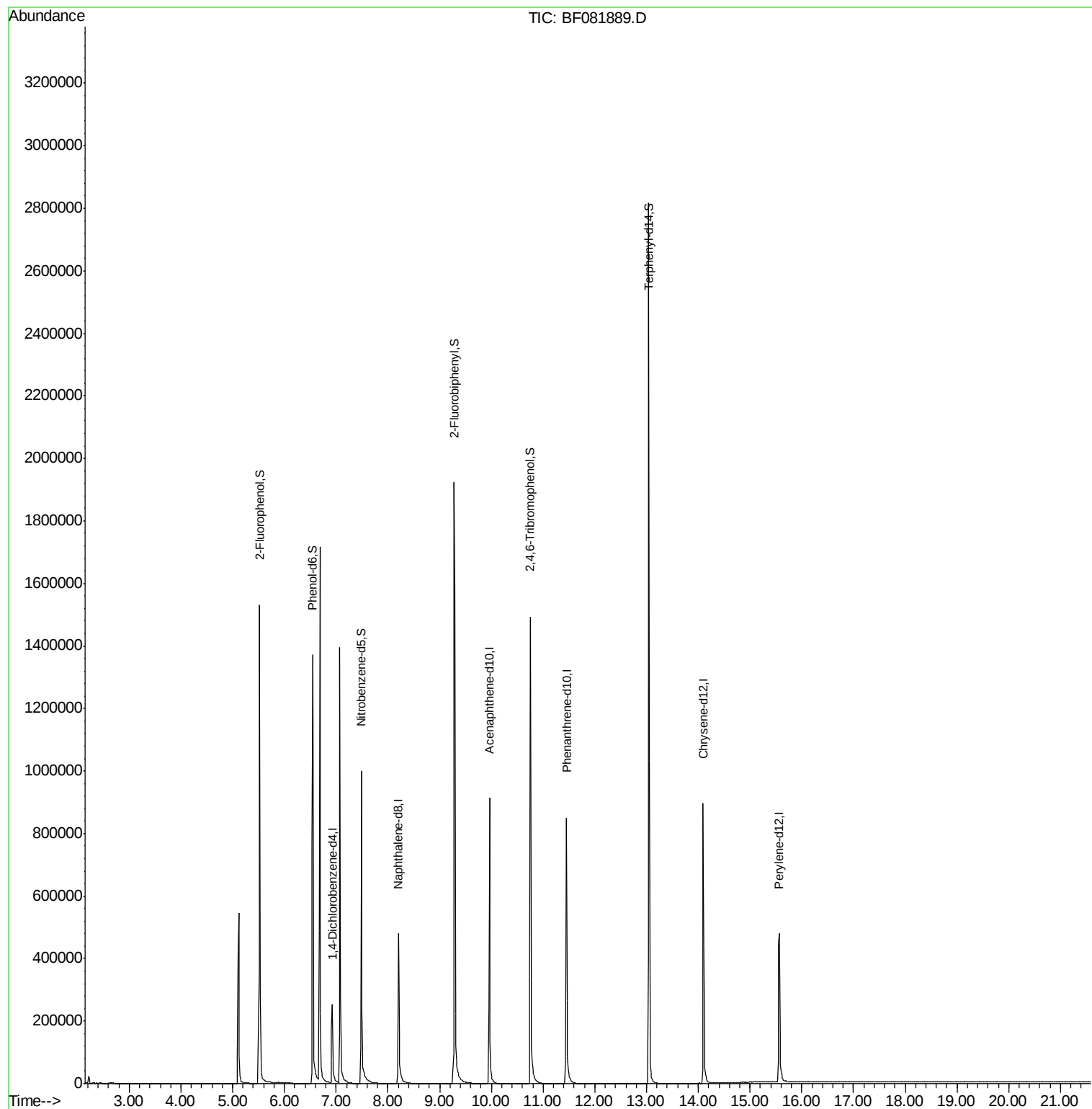
Target Compounds	Qvalue
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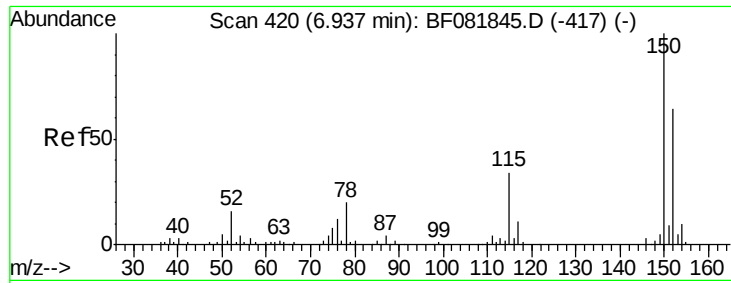
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081889.D

Acq: 29 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB85717BL

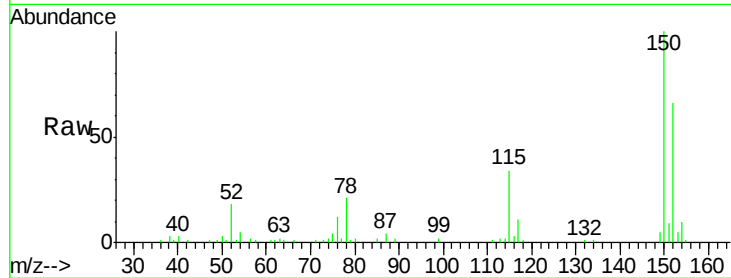
Tgt Ion:152 Resp: 73757

Ion Ratio Lower Upper

152 100

150 151.2 124.7 187.1

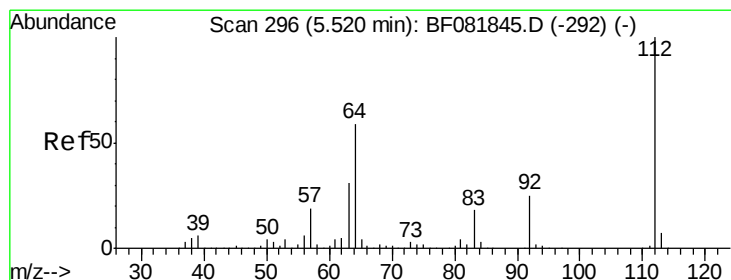
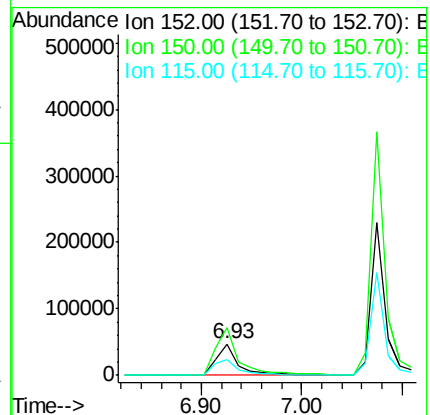
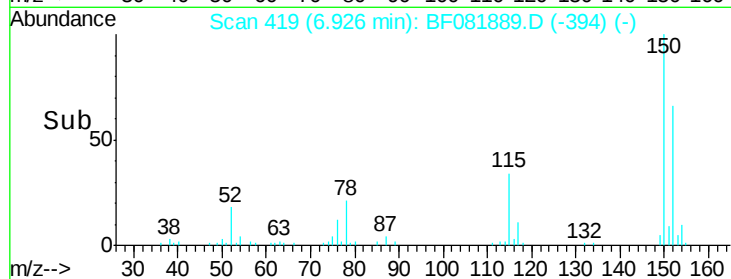
115 51.6 39.0 58.4



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: 113.34 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

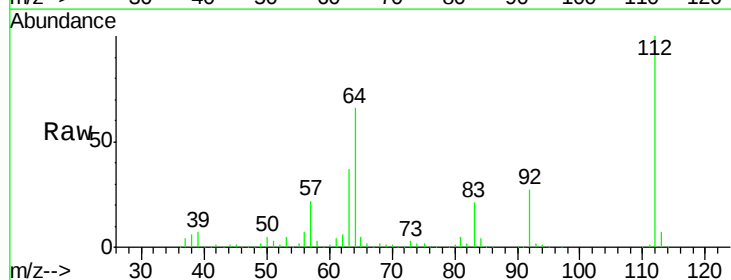
Tgt Ion:112 Resp: 460495

Ion Ratio Lower Upper

112 100

64 66.2 39.7 59.5#

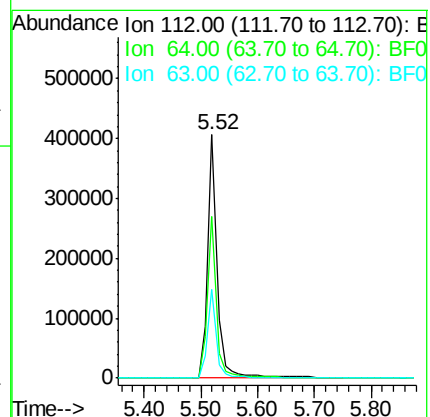
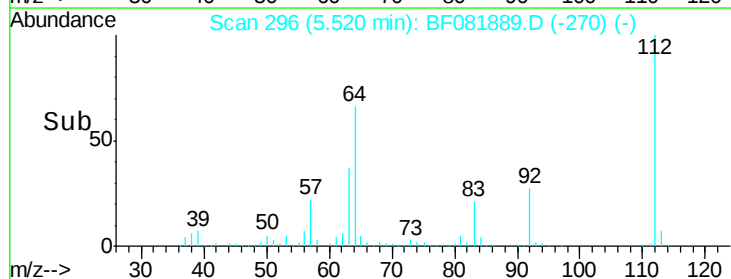
63 36.6 17.4 26.0#

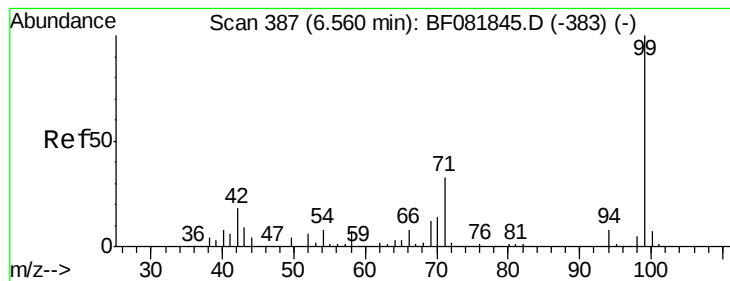


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.52 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB85717BL

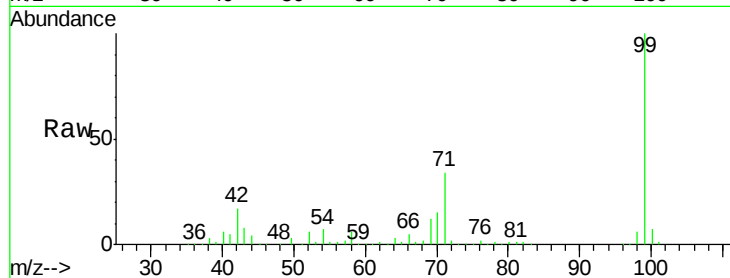
Tgt Ion: 99 Resp: 662163

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

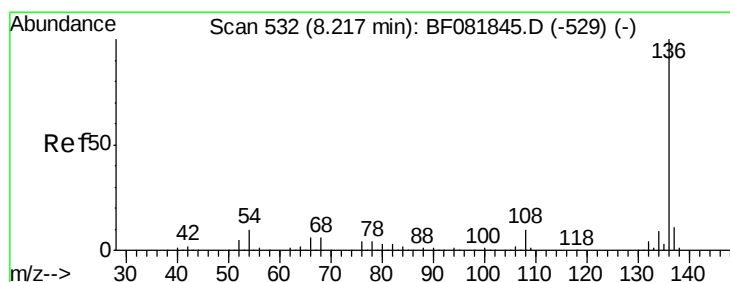
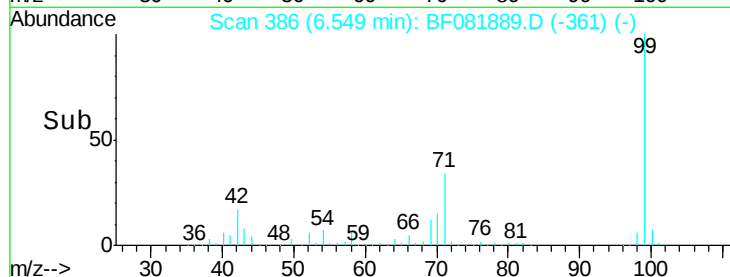
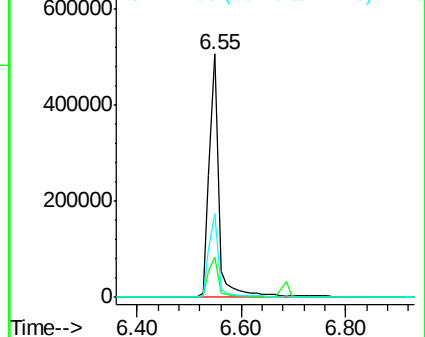
71 34.5 14.2 21.2#



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: BF081889.D

Acq: 29 Sep 2015 20:03

Tgt Ion: 136 Resp: 326836

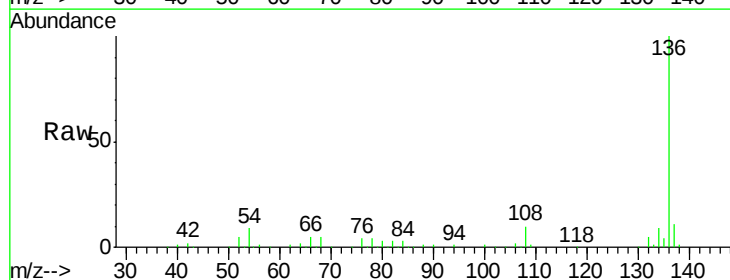
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.8 8.2 12.2

68 5.1 5.8 8.6#

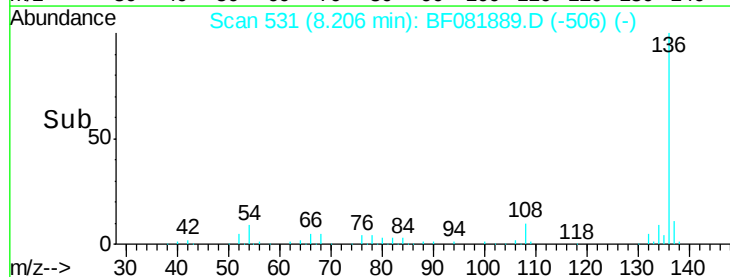
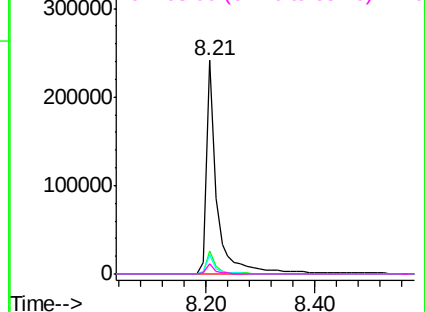


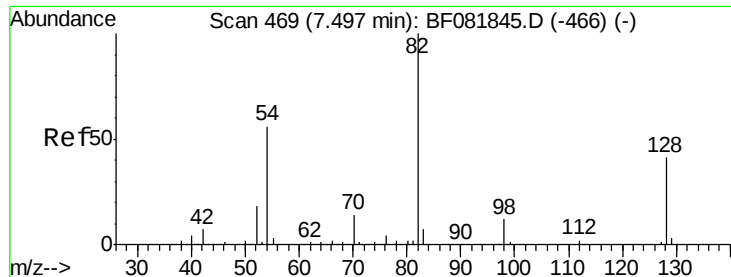
Abundance Ion 136.00 (135.70 to 136.70): E

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

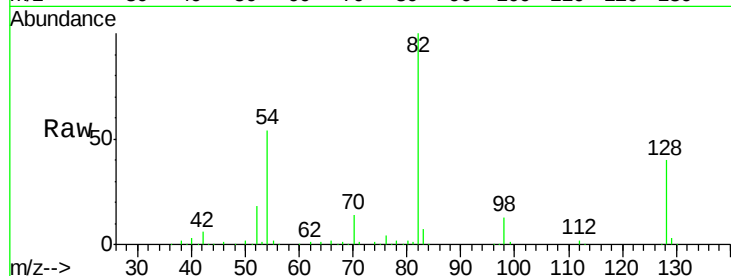




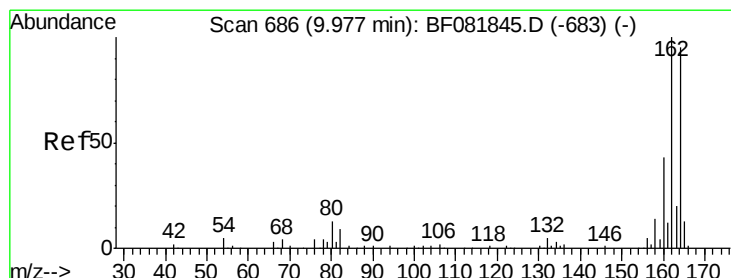
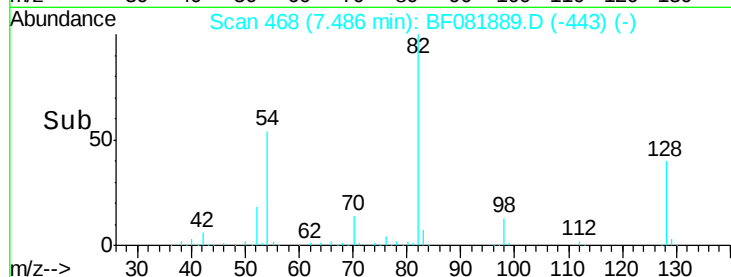
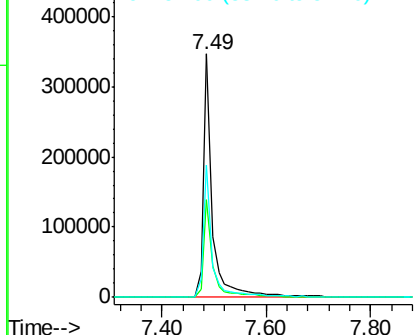
#23
 Nitrobenzene-d5
 Concen: 86.57 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BL

Tgt Ion: 82 Resp: 424440
 Ion Ratio Lower Upper
 82 100
 128 40.3 51.0 76.6#
 54 54.4 47.5 71.3

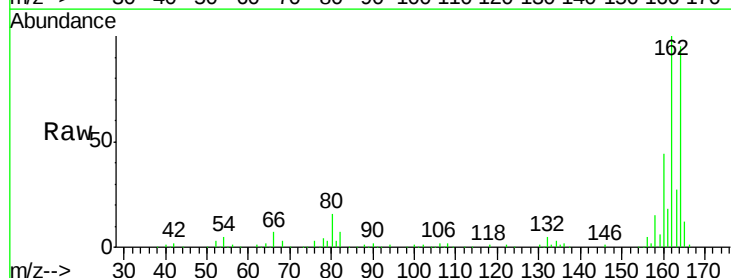


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

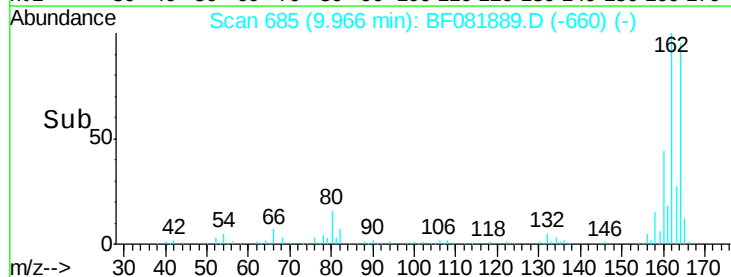
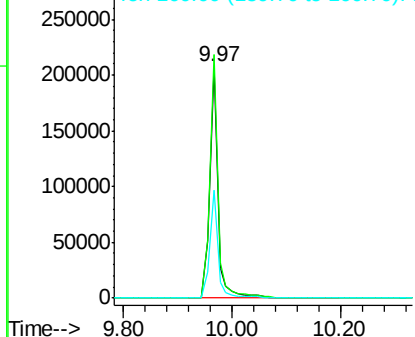


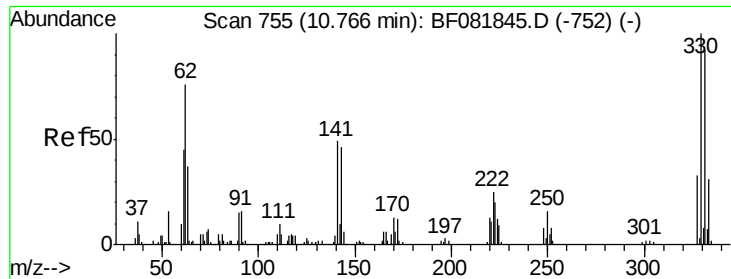
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Tgt Ion: 164 Resp: 220353
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 46.6 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

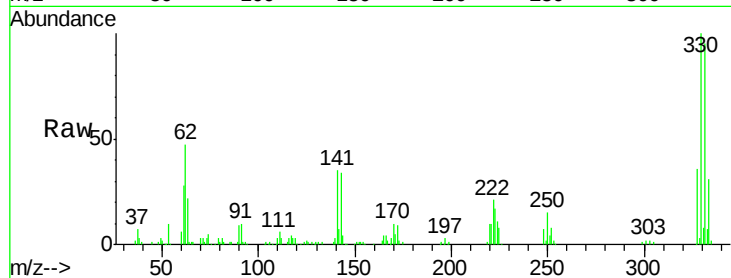




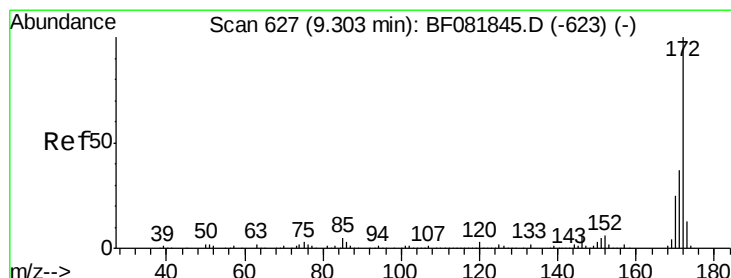
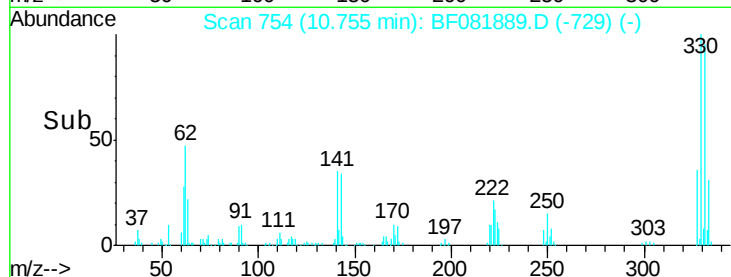
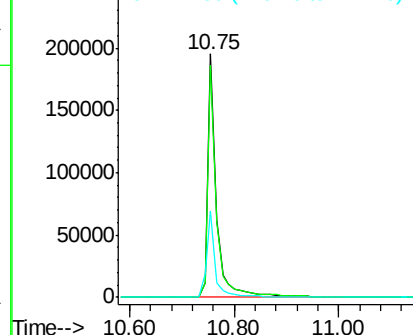
#41
 2,4,6-Tribromophenol
 Concen: 103.24 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BL

Tgt Ion:330 Resp: 230395
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 35.7 29.7 44.5

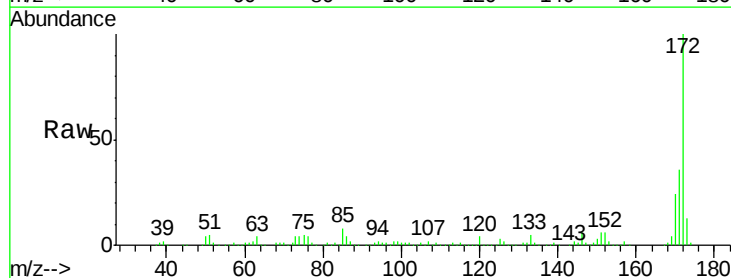


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

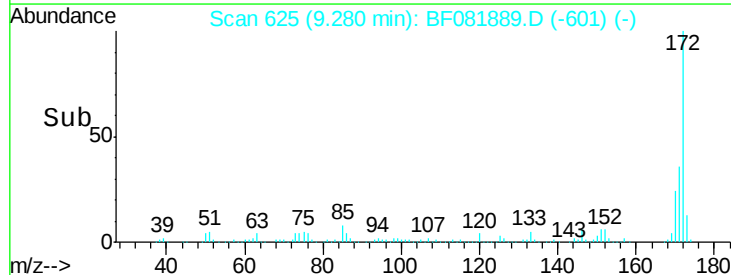
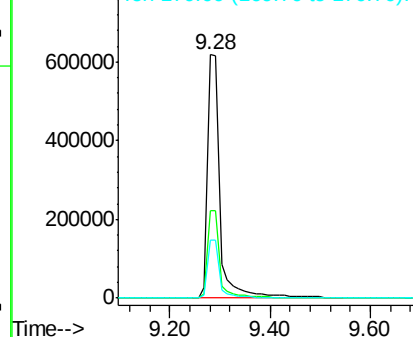


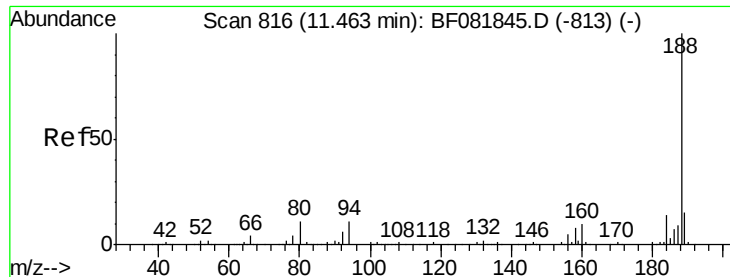
#44
 2-Fluorobiphenyl
 Concen: 80.14 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Tgt Ion:172 Resp: 1067157
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

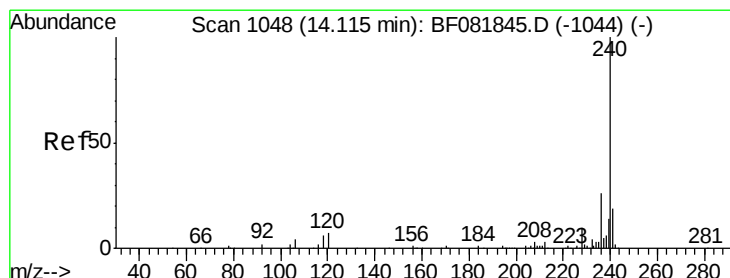
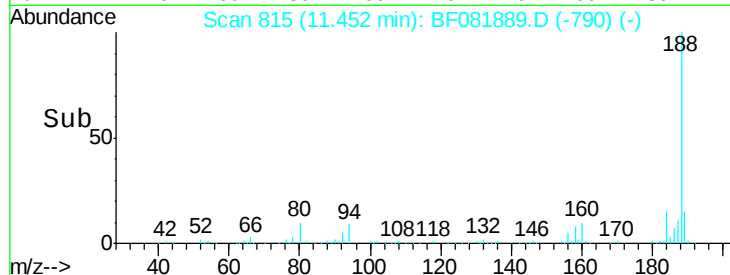
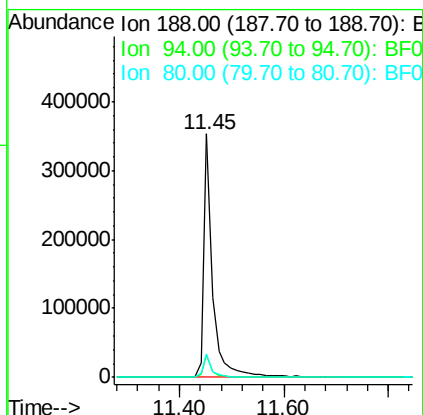
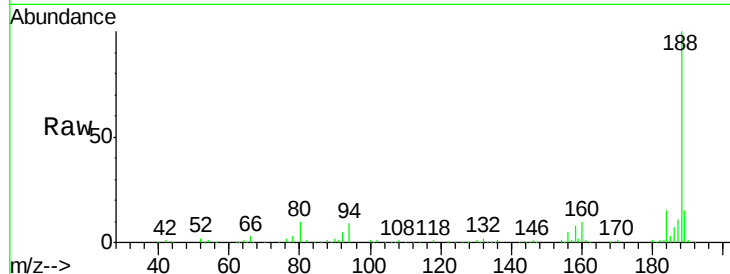




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081889.D
Acq: 29 Sep 2015 20:03

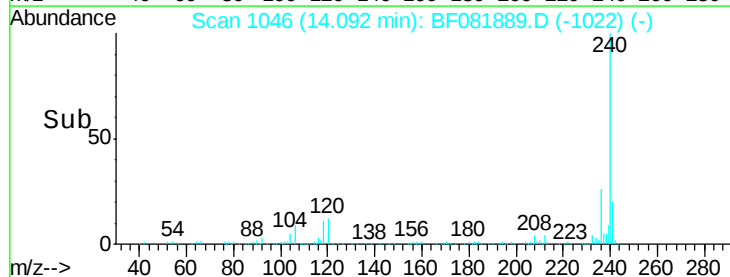
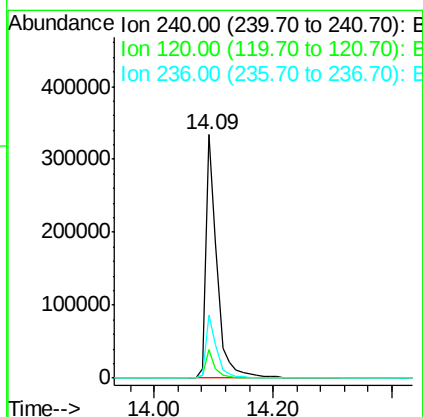
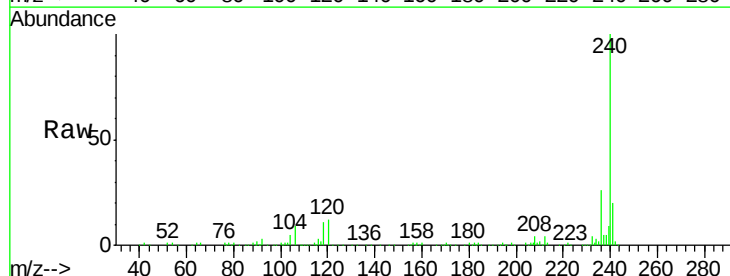
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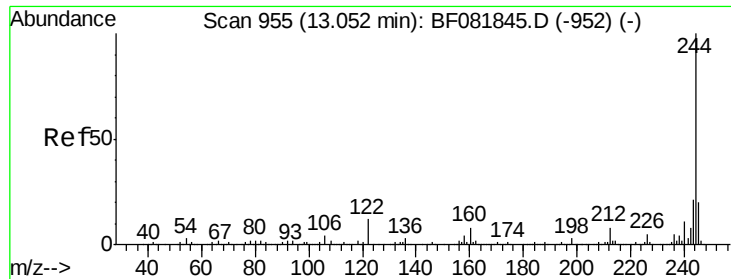
Tgt Ion:188 Resp: 422403
Ion Ratio Lower Upper
188 100
94 8.9 11.1 16.7#
80 9.6 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF081889.D
Acq: 29 Sep 2015 20:03

Tgt Ion:240 Resp: 436282
Ion Ratio Lower Upper
240 100
120 12.0 16.2 24.2#
236 26.2 18.4 27.6

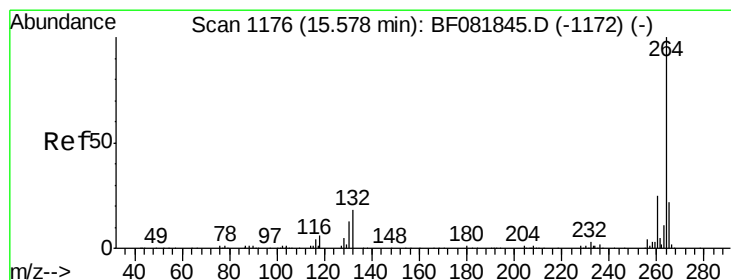
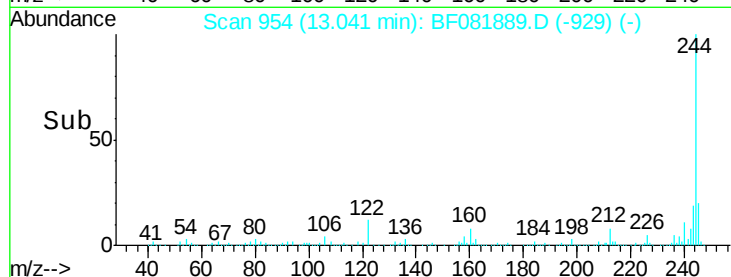
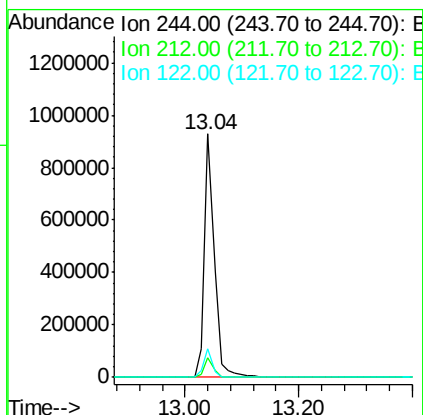
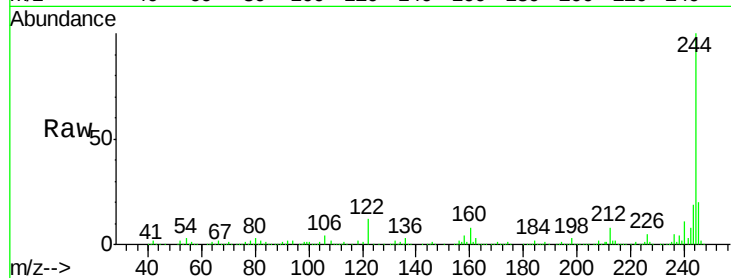




#78
 Terphenyl-d14
 Concen: 77.78 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BL

Tgt Ion:244 Resp: 1075625
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 11.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Tgt Ion:264 Resp: 364042
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.7 25.1
 265 21.5 17.2 25.8

