

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081868.D
 Acq On : 29 Sep 2015 6:03
 Operator : UM/IZ
 Sample : G3717-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-9-16-15

Quant Time: Sep 29 06:49:23 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	6.94	152	106197	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	423399	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	207367	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	381788	20.00	ng	0.00
75) Chrysene-d12	14.10	240	372792	20.00	ng	-0.01
86) Perylene-d12	15.58	264	284429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	358588	61.30	ng	0.00
7) Phenol-d6	6.55	99	304180	41.32	ng	-0.01
23) Nitrobenzene-d5	7.50	82	690708	108.74	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	303636	144.58	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1348530	117.34	ng	0.00
78) Terphenyl-d14	13.05	244	1205522	115.70	ng	0.00

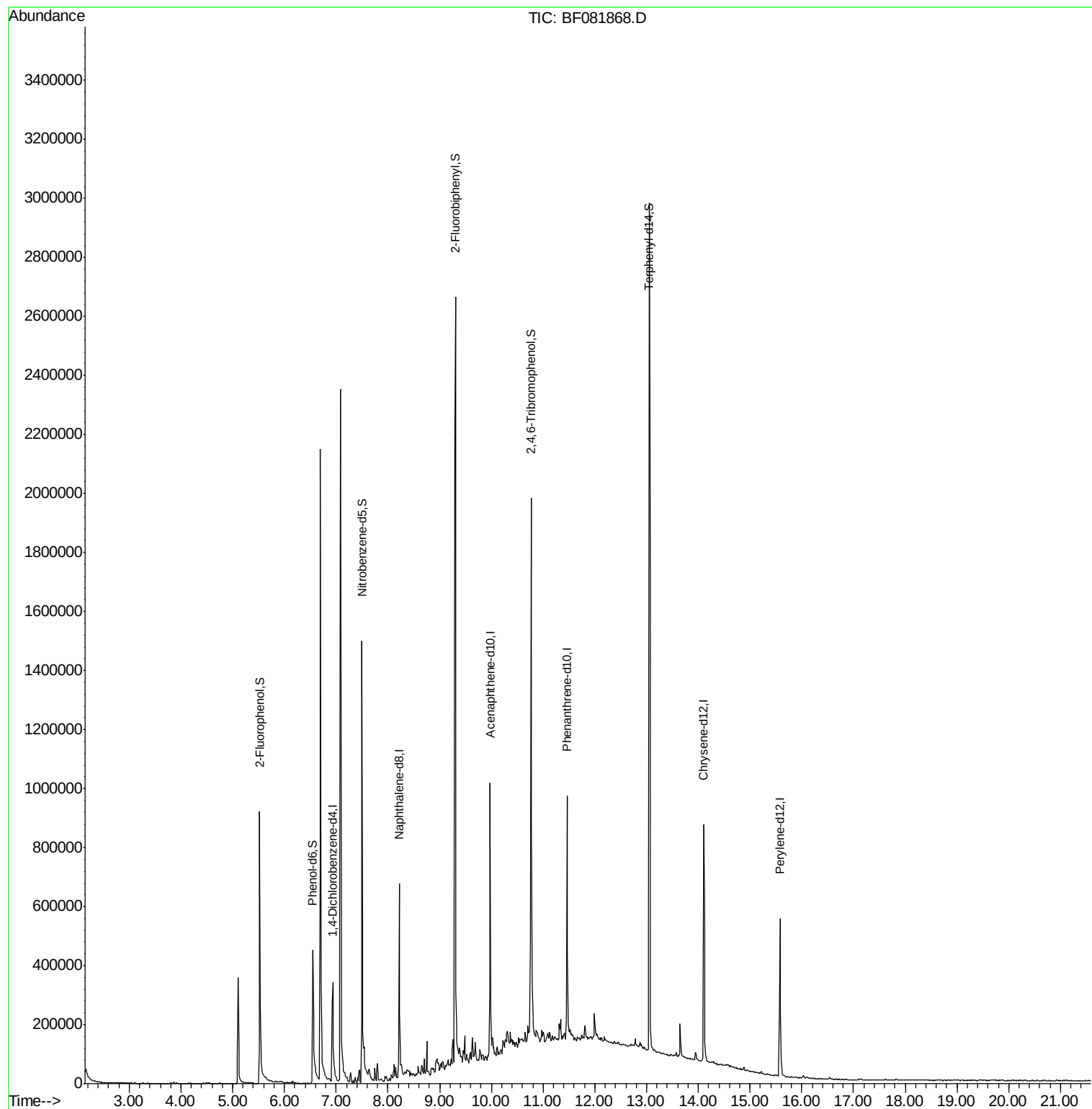
Target Compounds Qvalue

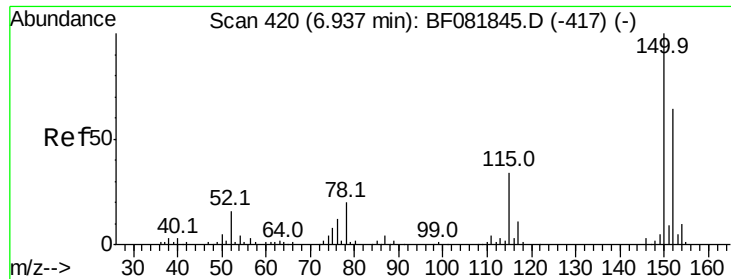
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

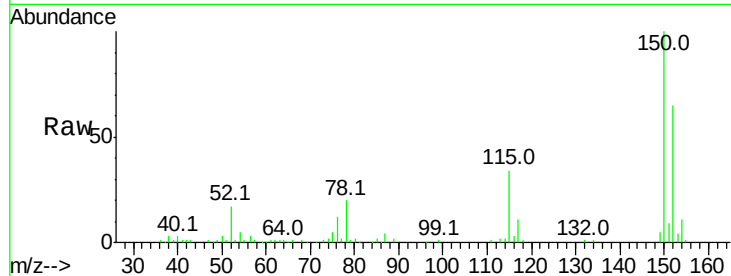
Tot Ion:152 Resp: 106197

Ion Ratio Lower Upper

152 100

150 154.7 124.7 187.1

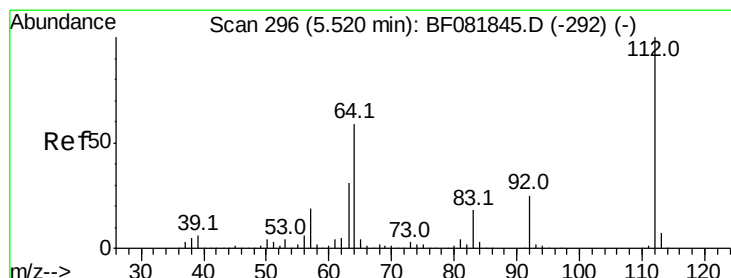
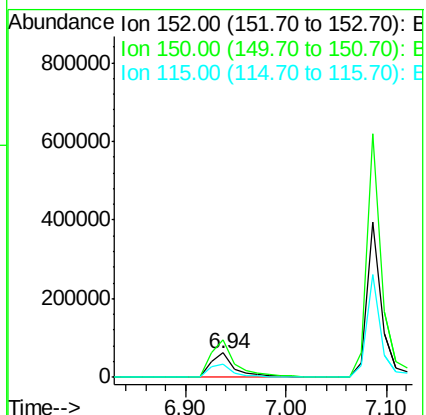
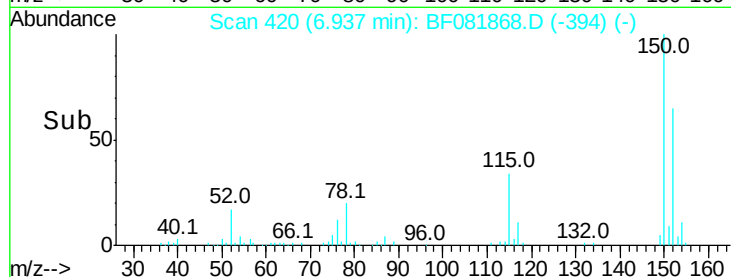
115 52.6 39.0 58.4



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: 61.30 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

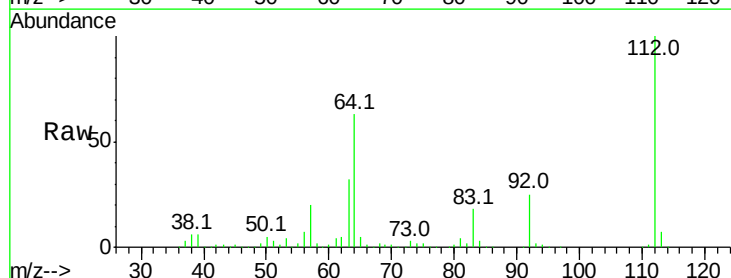
Tgt Ion:112 Resp: 358588

Ion Ratio Lower Upper

112 100

64 62.8 39.7 59.5#

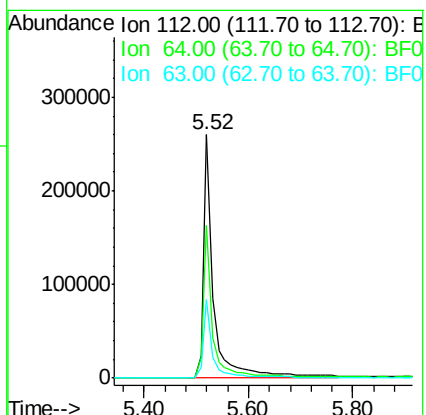
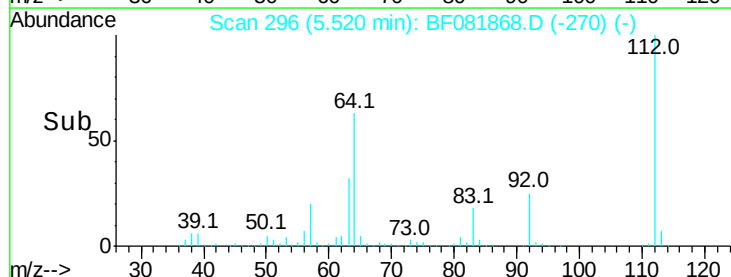
63 32.2 17.4 26.0#

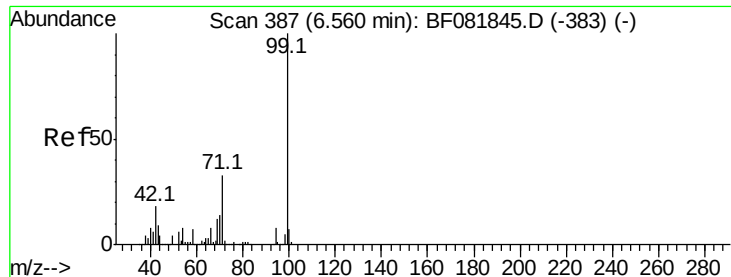


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.32 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

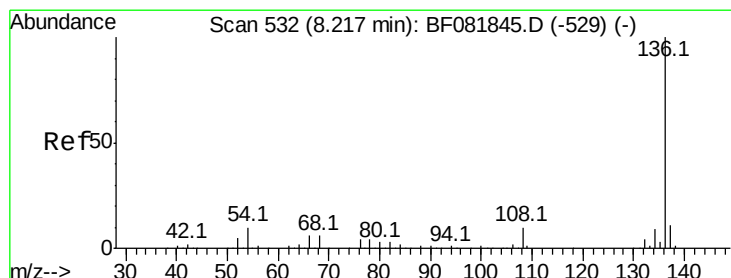
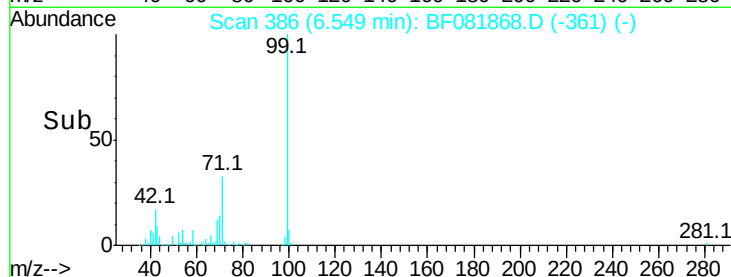
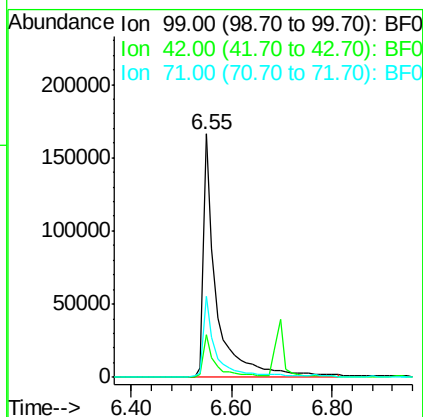
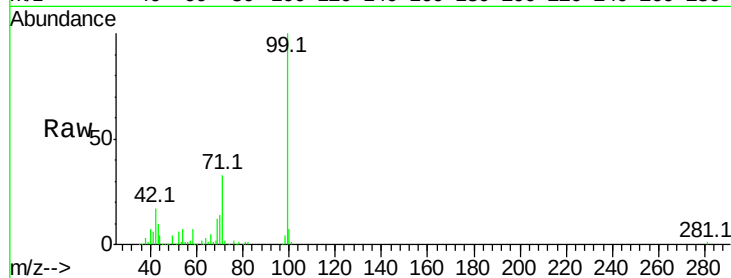
Tot Ion: 99 Resp: 304180

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 33.3 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Tgt Ion: 136 Resp: 423399

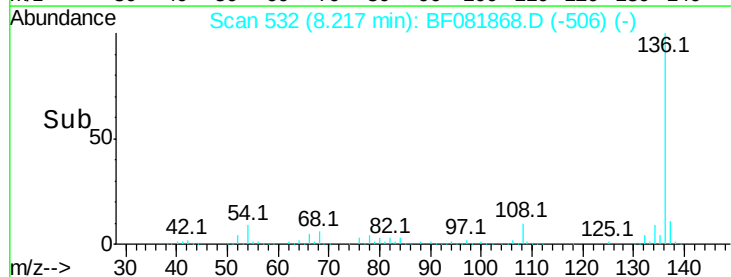
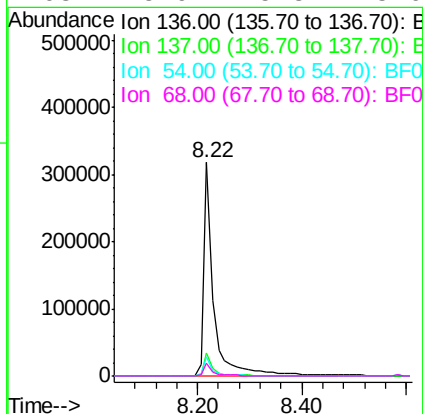
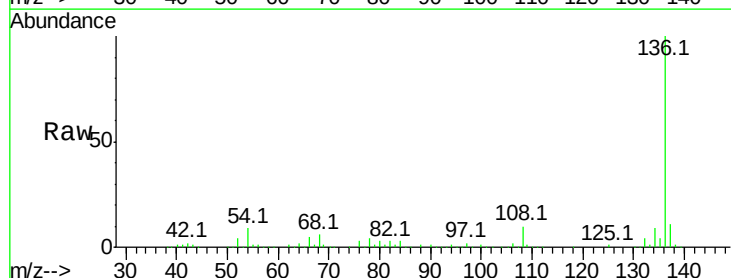
Ion Ratio Lower Upper

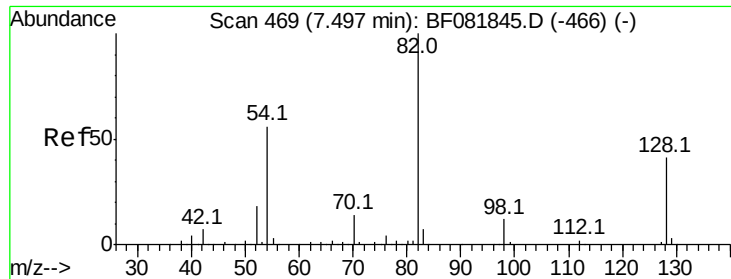
136 100

137 11.0 9.0 13.6

54 8.8 8.2 12.2

68 5.9 5.8 8.6

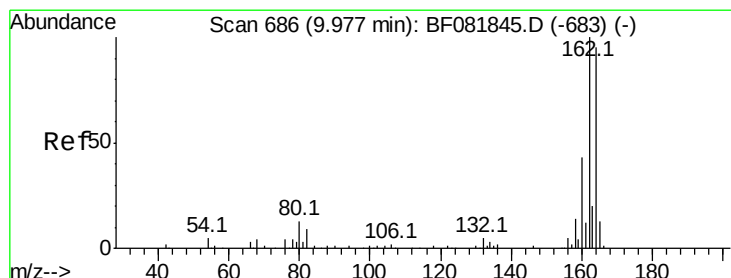
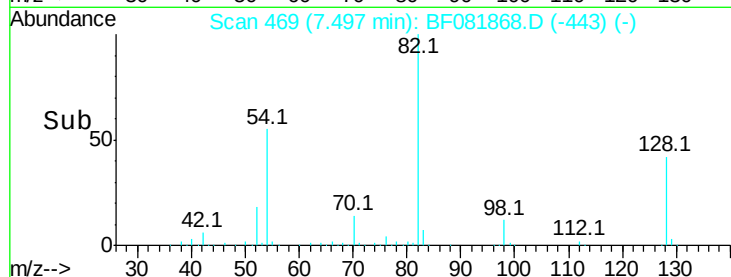
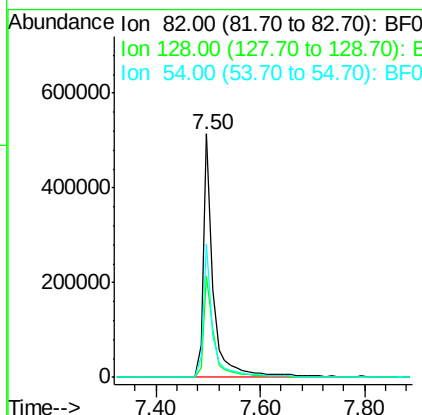
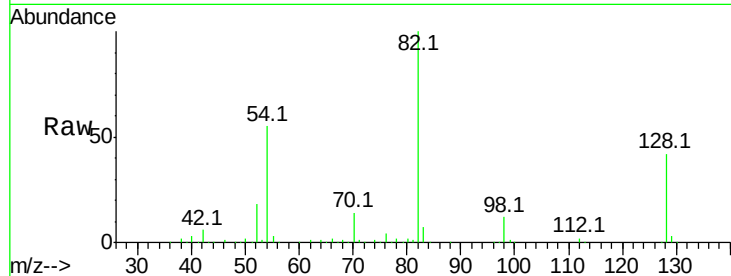




#23
 Nitrobenzene-d5
 Concen: 108.74 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

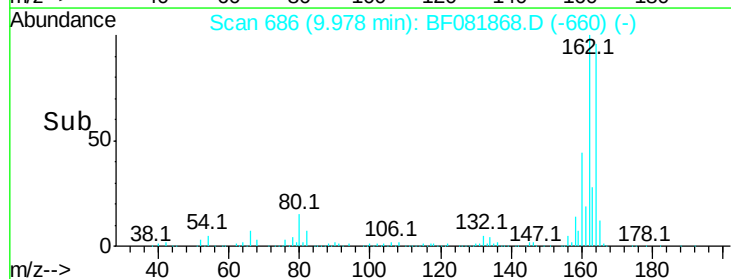
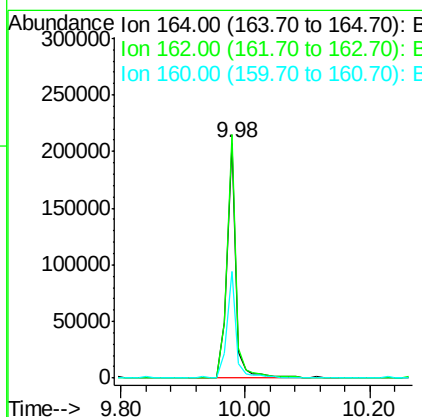
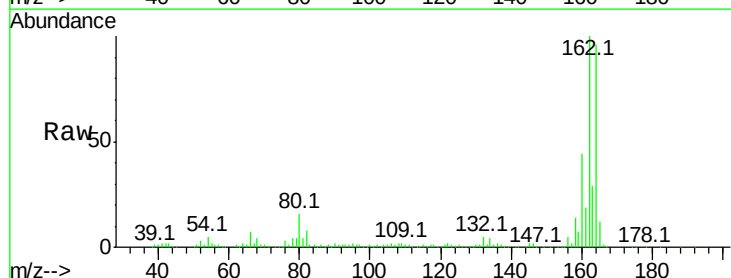
Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-9-16-15

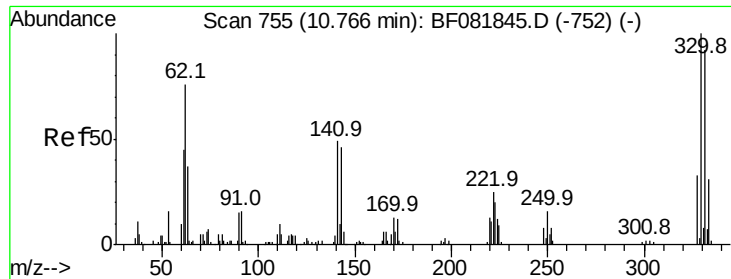
Tot Ion: 82 Resp: 690708
 Ion Ratio Lower Upper
 82 100
 128 41.6 51.0 76.6#
 54 55.1 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

Tgt Ion:164 Resp: 207367
 Ion Ratio Lower Upper
 164 100
 162 103.6 75.2 112.8
 160 45.7 31.5 47.3

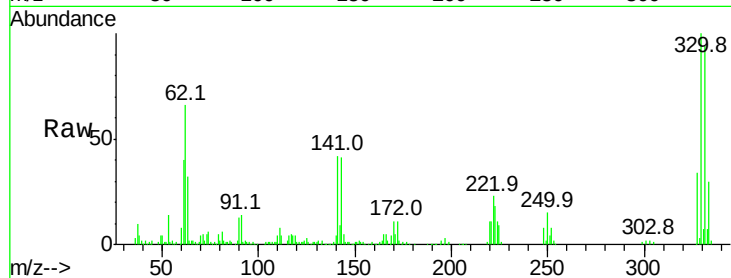




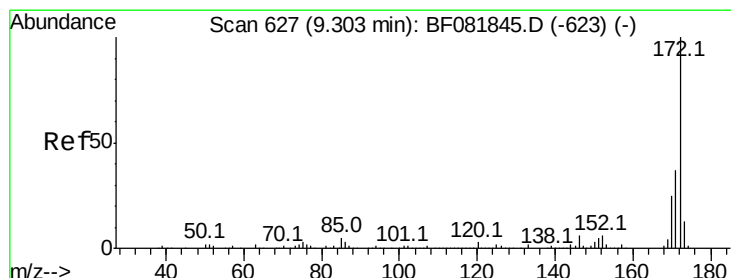
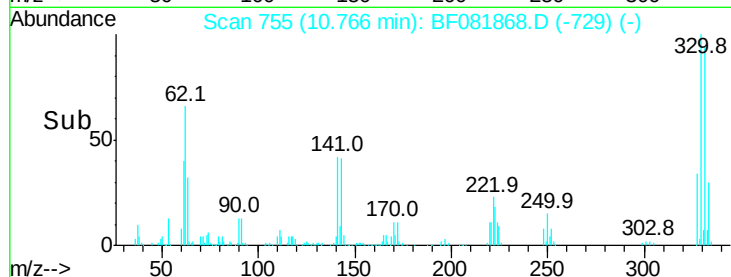
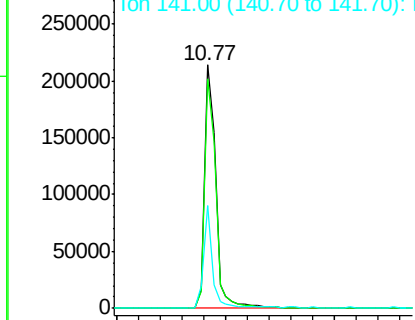
#41
 2,4,6-Tribromophenol
 Concen: 144.58 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-9-16-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	33.3	29.7	44.5

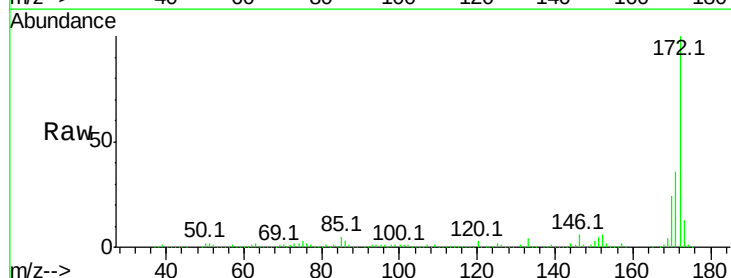


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

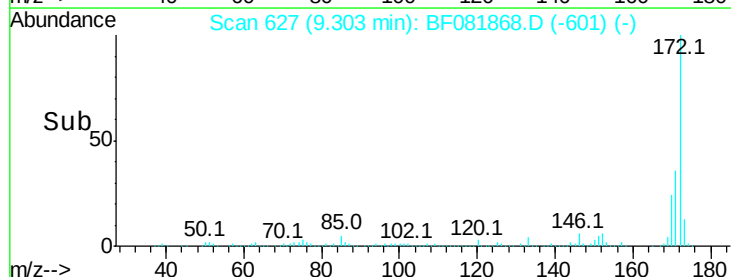
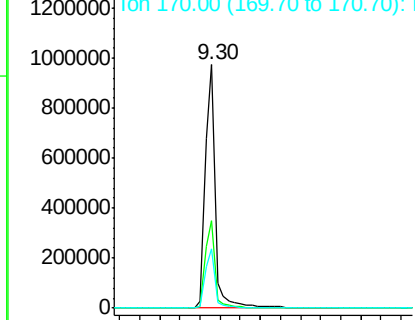


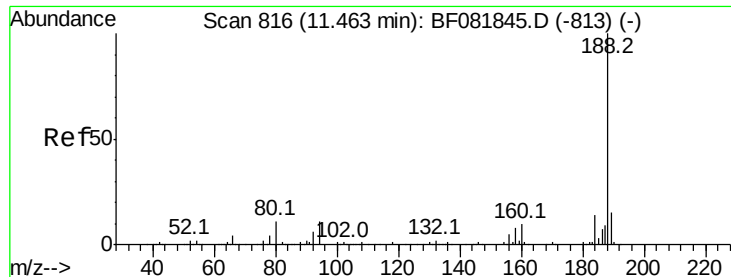
#44
 2-Fluorobiphenyl
 Concen: 117.34 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.5	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: 11.46 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

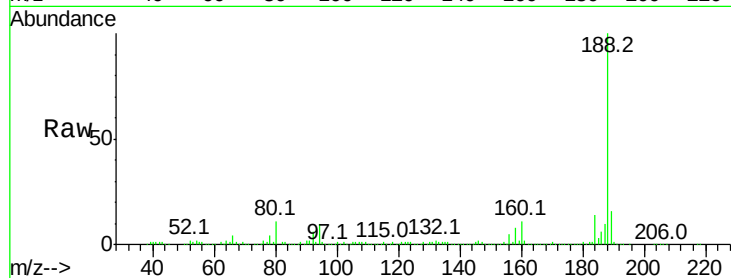
Tot Ion:188 Resp: 381788

Ion Ratio Lower Upper

188 100

94 10.1 11.1 16.7#

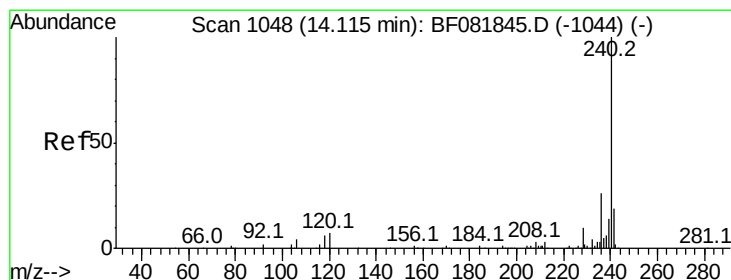
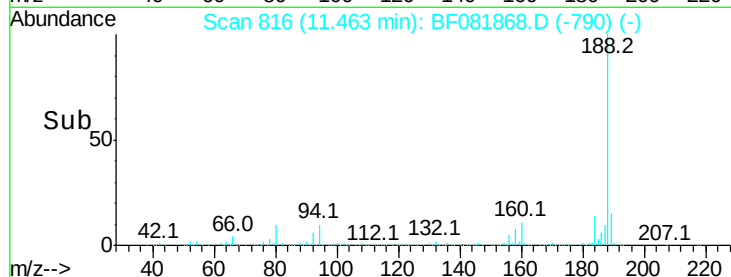
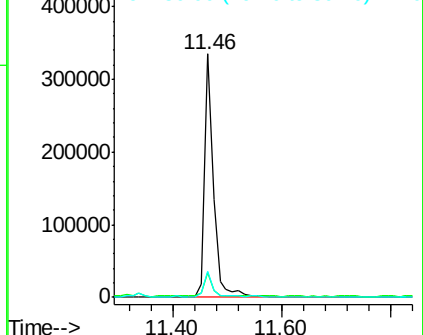
80 10.8 11.0 16.4#



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: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

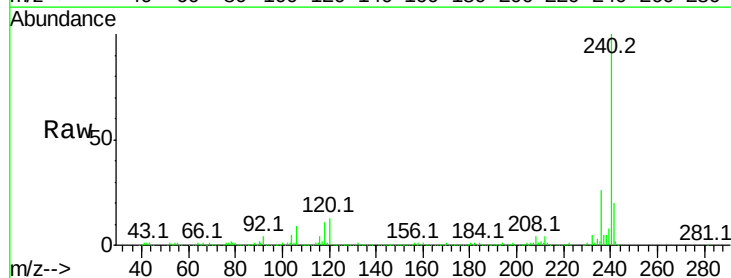
Tgt Ion:240 Resp: 372792

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

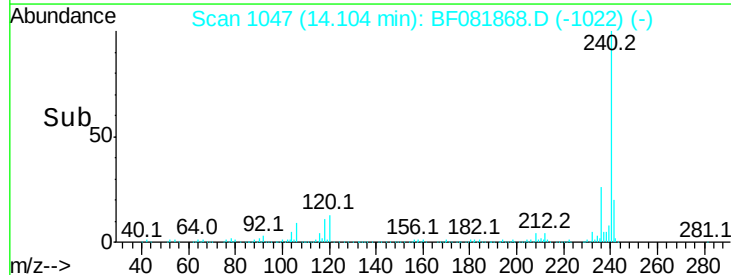
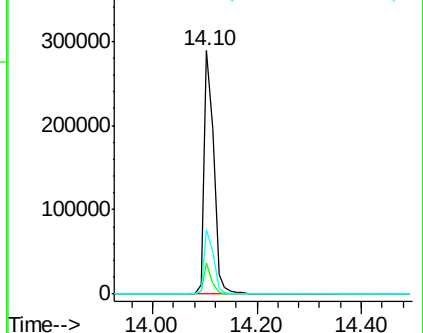
236 26.4 18.4 27.6

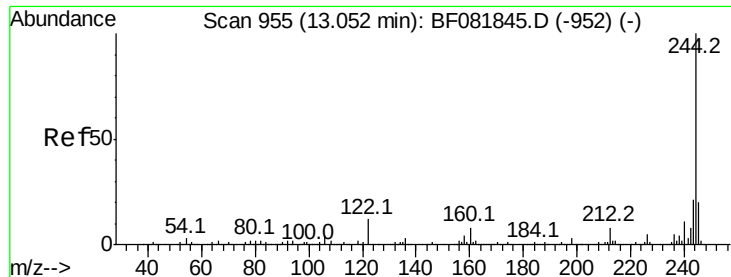


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

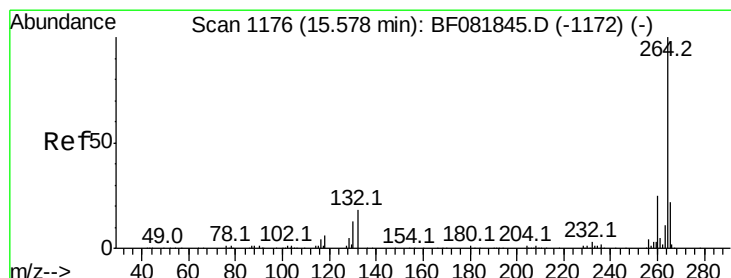
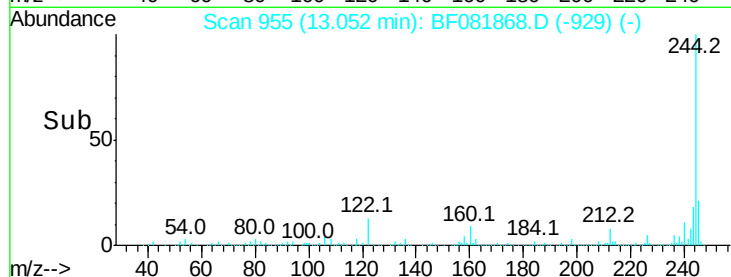
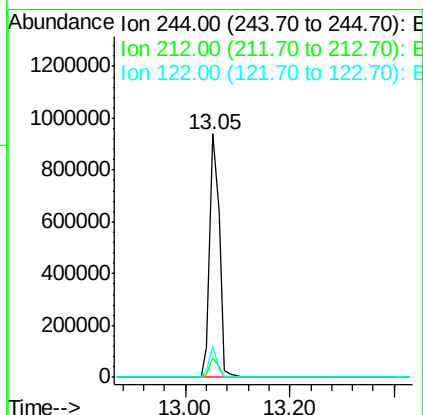
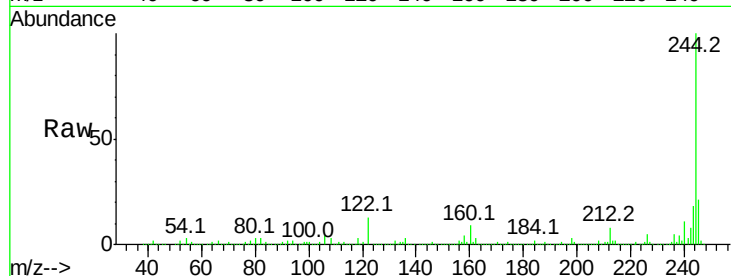




#78
 Terphenyl-d14
 Concen: 115.70 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

Instrument :
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 PZ-8-9-16-15

Tot Ion:244 Resp: 1205522
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 12.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

Tgt Ion:264 Resp: 284429
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.4 17.2 25.8

