

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081872.D
 Acq On : 29 Sep 2015 8:05
 Operator : UM/IZ
 Sample : G3717-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Quant Time: Sep 29 13:17:32 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	101767	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	407613	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	194582	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	382673	20.00	ng	0.00
75) Chrysene-d12	14.10	240	354133	20.00	ng	-0.01
86) Perylene-d12	15.58	264	279520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	343111	61.20	ng	0.00
7) Phenol-d6	6.55	99	296728	42.06	ng	-0.01
23) Nitrobenzene-d5	7.50	82	656092	107.30	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	311020	157.83	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1263131	117.04	ng	0.00
78) Terphenyl-d14	13.05	244	1198906	125.21	ng	0.00

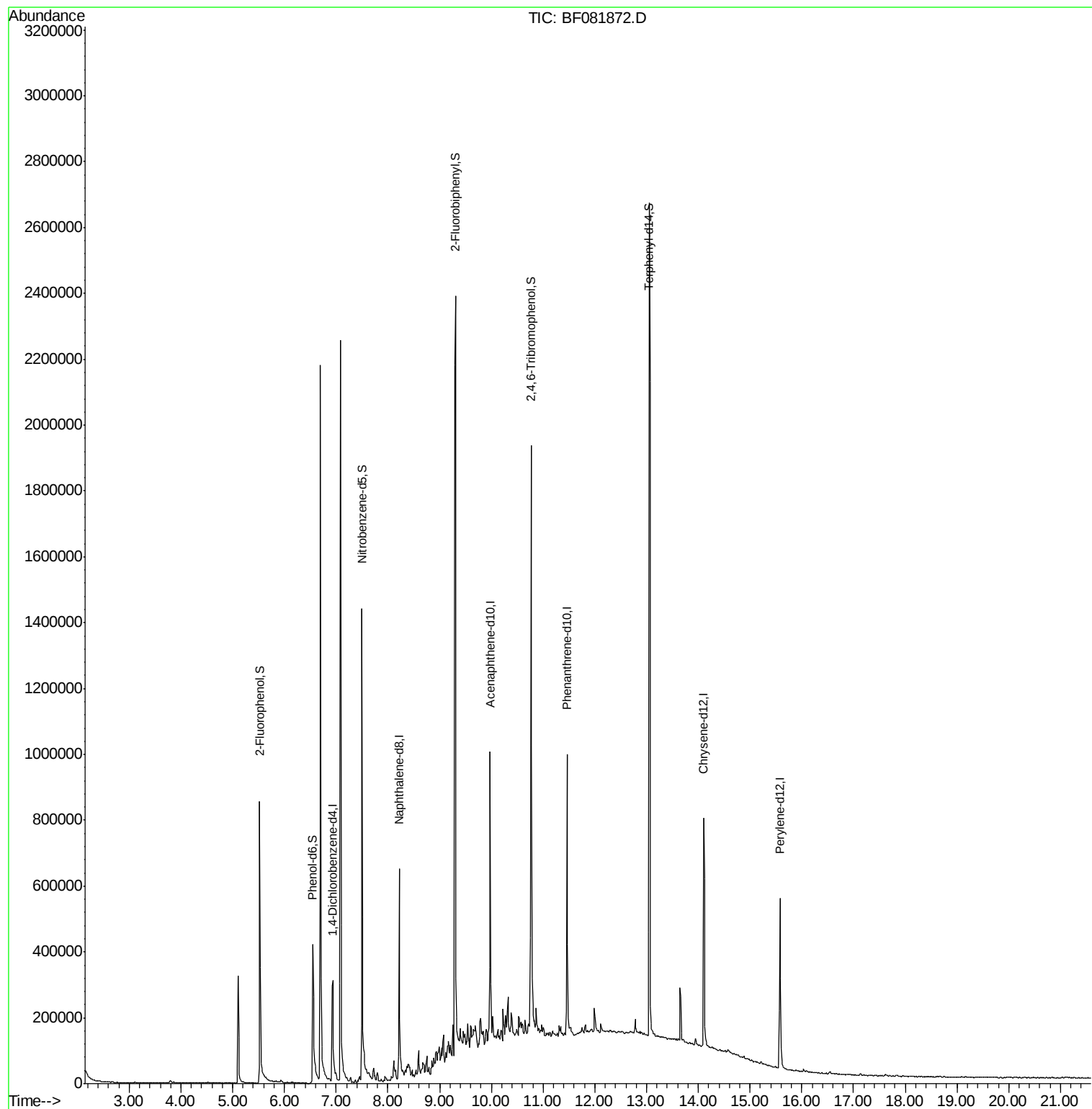
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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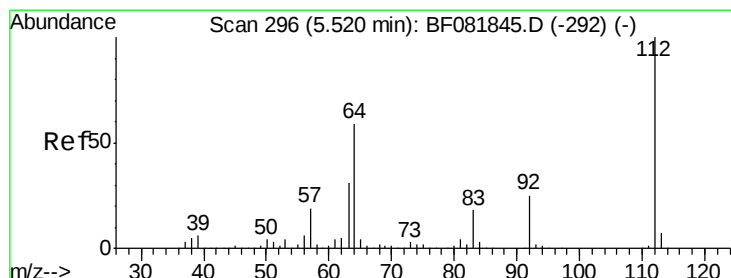
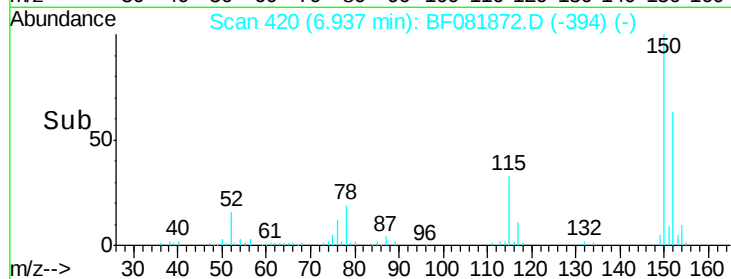
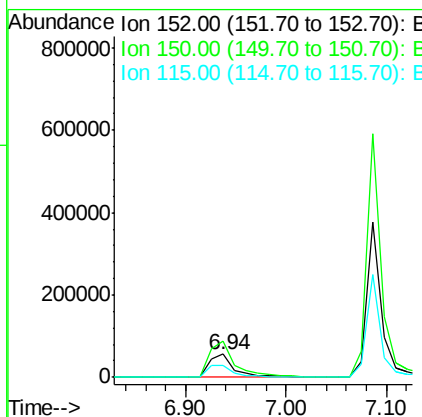
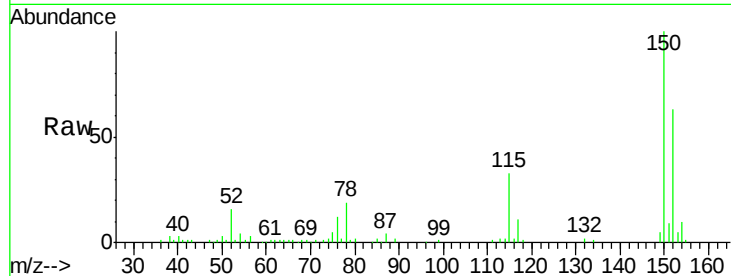




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

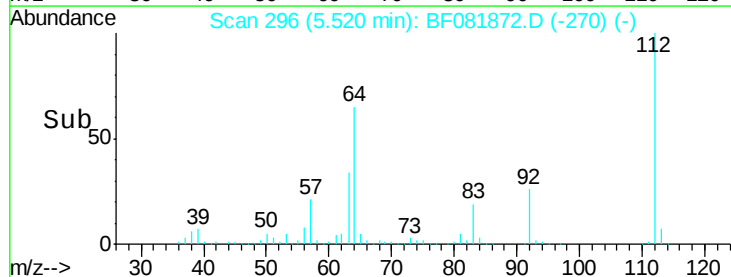
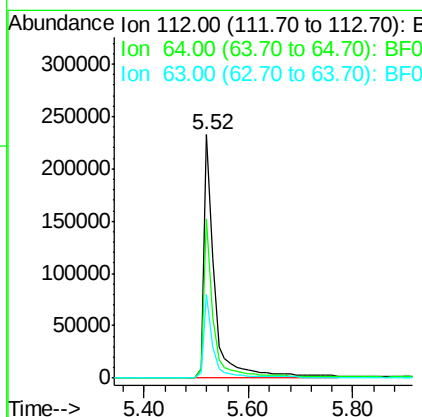
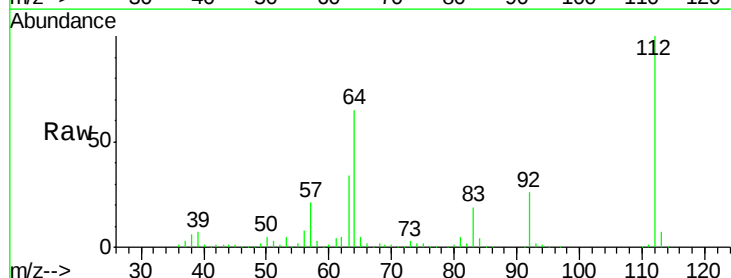
Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

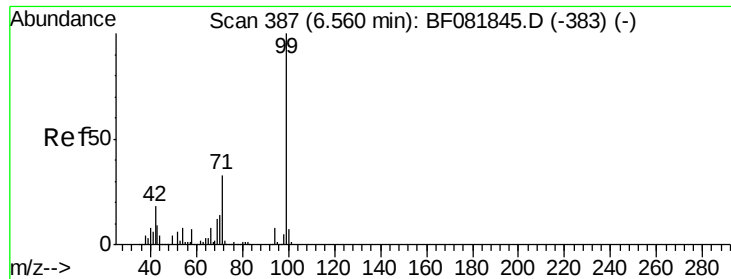
Tgt Ion:152 Resp: 101767
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.7 187.1
 115 52.1 39.0 58.4



#5
 2-Fluorophenol
 Concen: 61.20 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion:112 Resp: 343111
 Ion Ratio Lower Upper
 112 100
 64 65.4 39.7 59.5#
 63 34.3 17.4 26.0#





#7

Phenol-d6

Concen: 42.06 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081872.D

Acq: 29 Sep 2015 8:05

Instrument :

BNA_F

ClientSampleId :

PZ-6-9-17-15

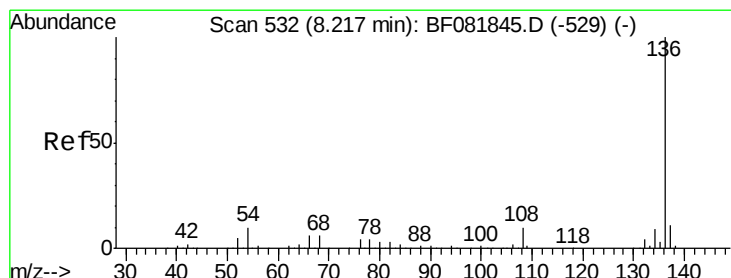
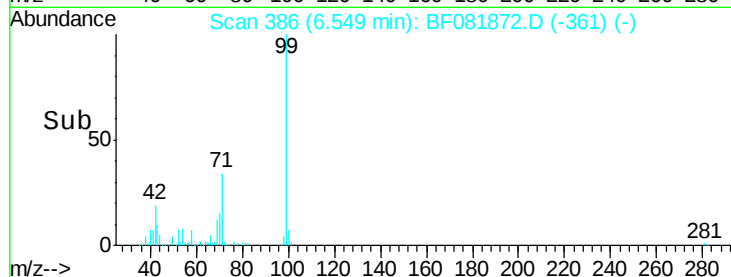
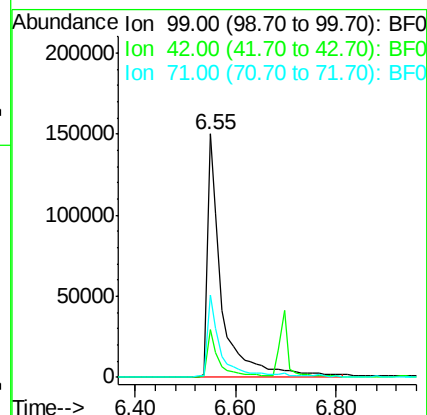
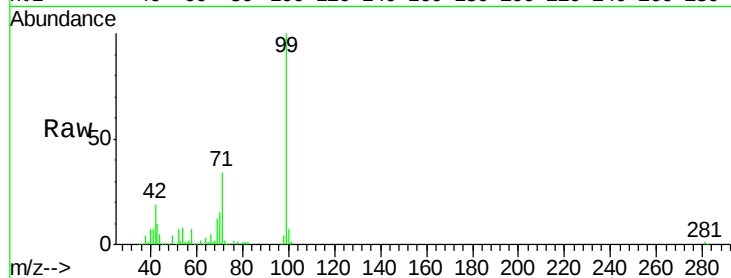
Tgt Ion: 99 Resp: 296728

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

71 33.8 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: BF081872.D

Acq: 29 Sep 2015 8:05

Tgt Ion: 136 Resp: 407613

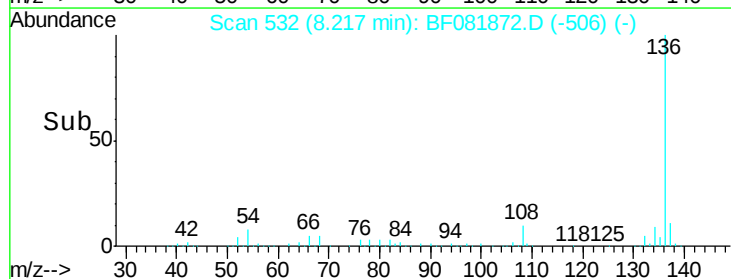
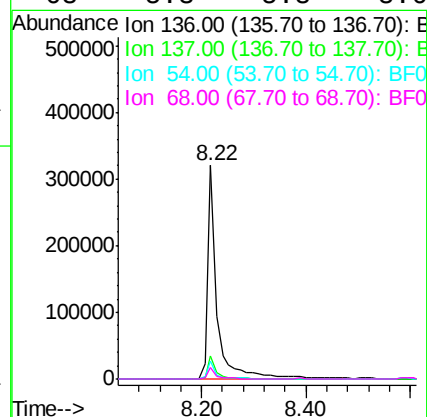
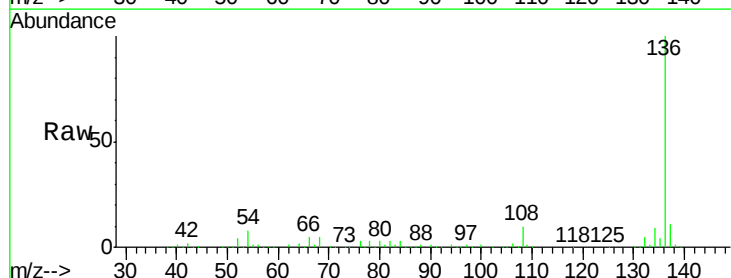
Ion Ratio Lower Upper

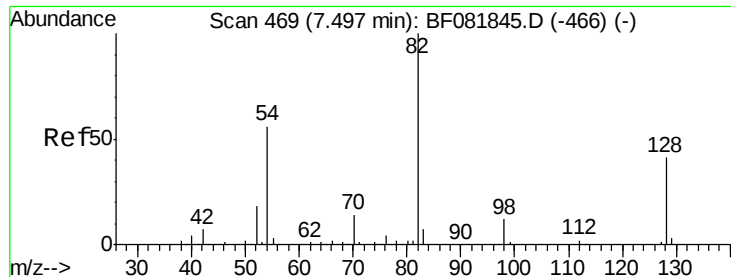
136 100

137 10.8 9.0 13.6

54 8.3 8.2 12.2

68 5.3 5.8 8.6#

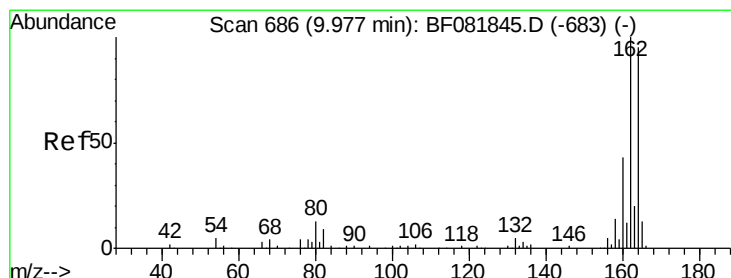
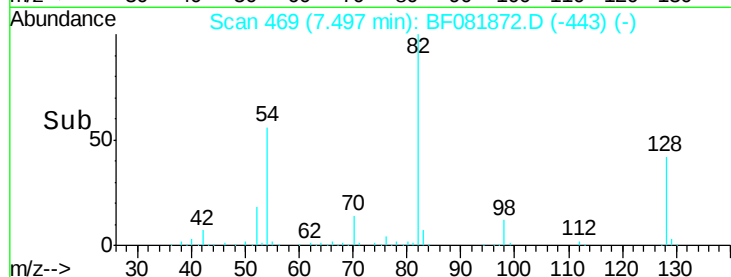
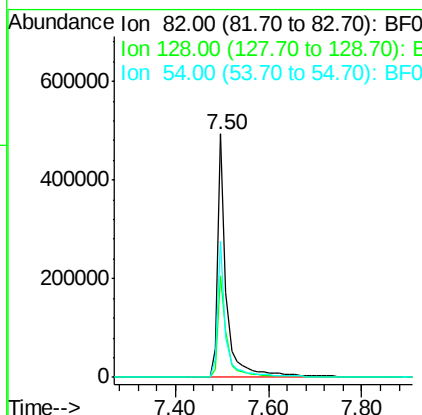
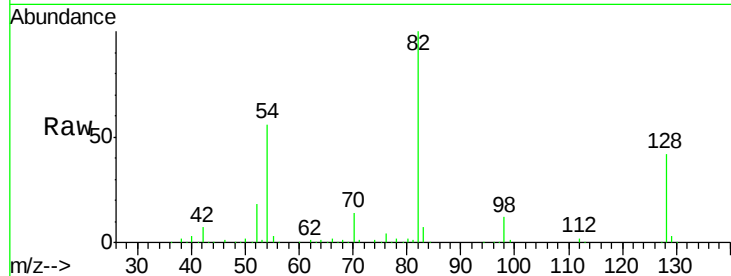




#23
 Nitrobenzene-d5
 Concen: 107.30 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

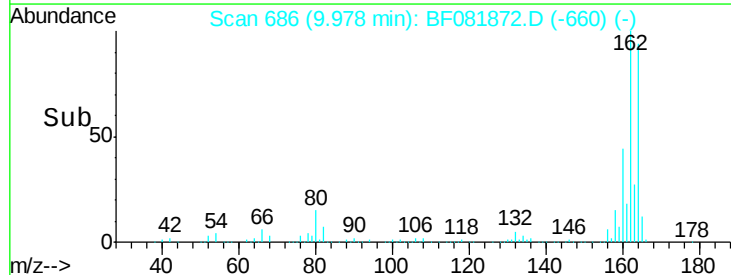
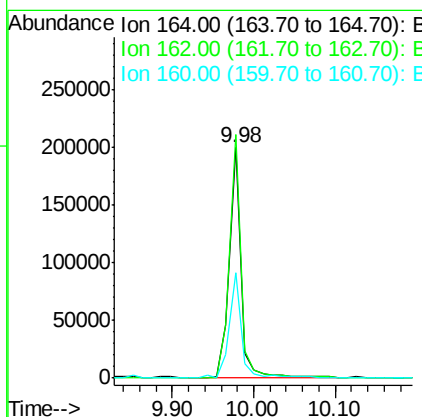
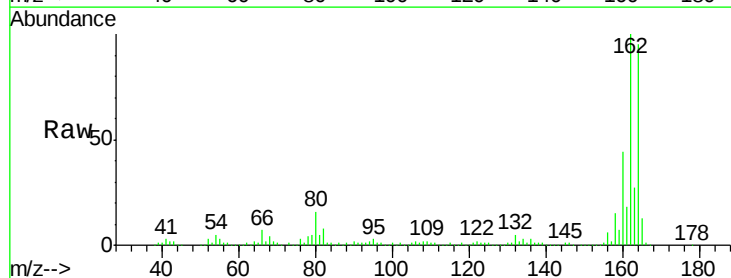
Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Tgt Ion: 82 Resp: 656092
 Ion Ratio Lower Upper
 82 100
 128 41.6 51.0 76.6#
 54 55.7 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: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion: 164 Resp: 194582
 Ion Ratio Lower Upper
 164 100
 162 105.6 75.2 112.8
 160 45.9 31.5 47.3

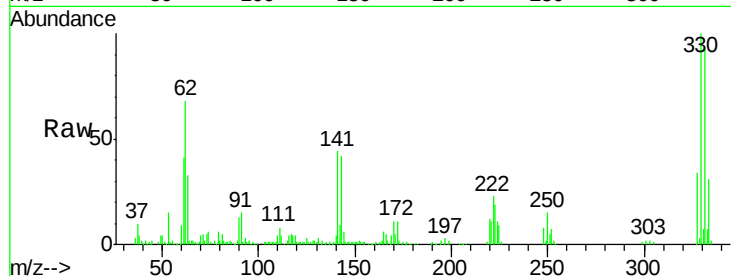




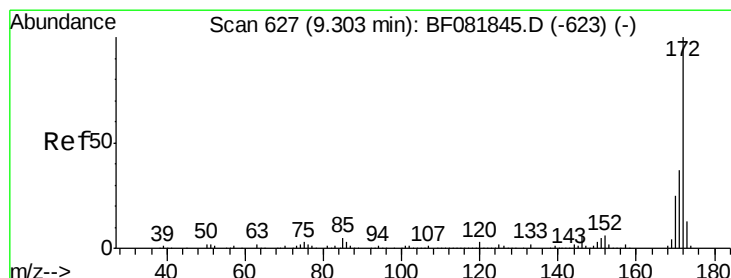
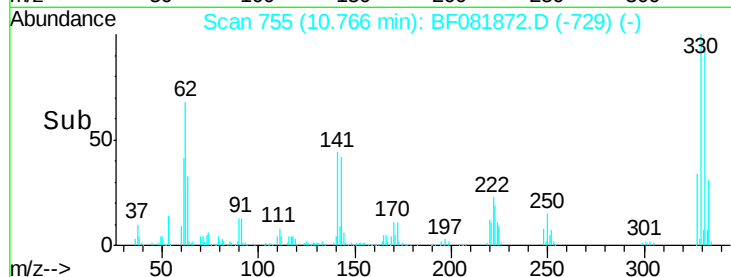
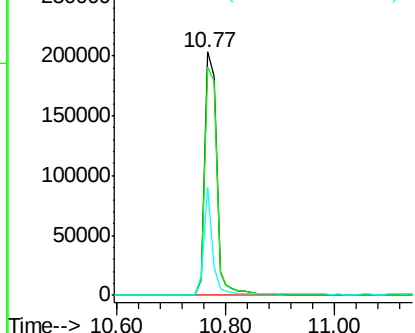
#41
 2,4,6-Tribromophenol
 Concen: 157.83 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Tgt Ion:330 Resp: 311020
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 32.2 29.7 44.5

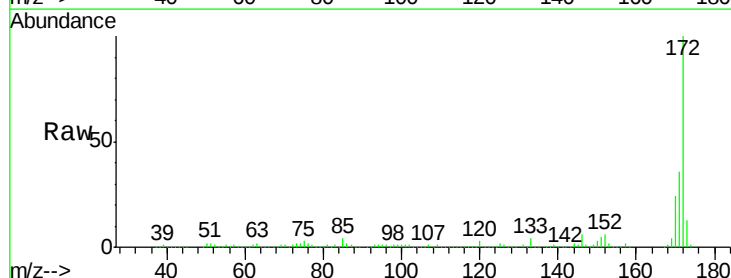


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

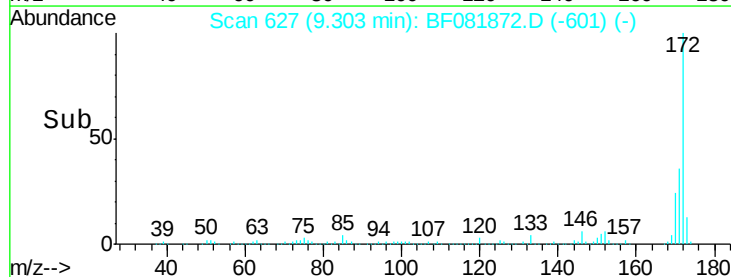
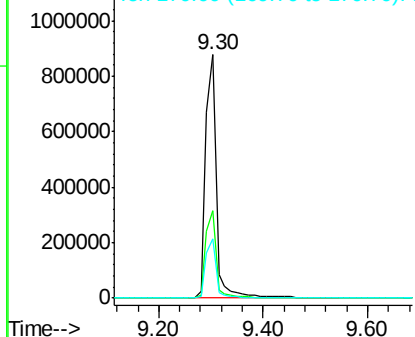


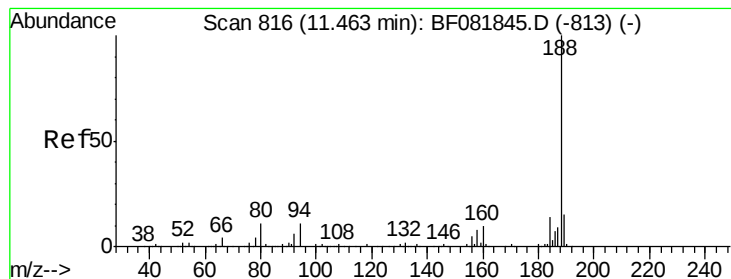
#44
 2-Fluorobiphenyl
 Concen: 117.04 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion:172 Resp: 1263131
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.3 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: BF081872.D

Acq: 29 Sep 2015 8:05

Instrument :

BNA_F

ClientSampleId :

PZ-6-9-17-15

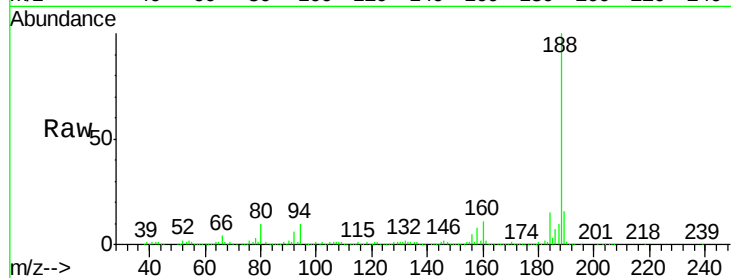
Tgt Ion:188 Resp: 382673

Ion Ratio Lower Upper

188 100

94 9.9 11.1 16.7#

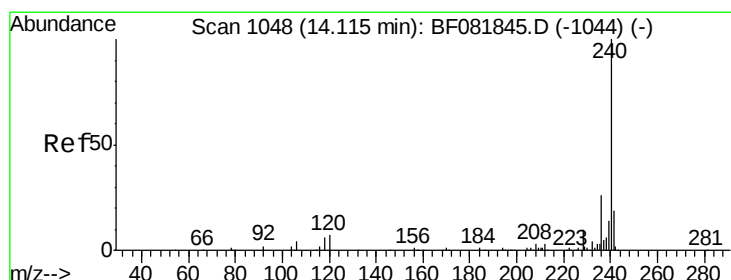
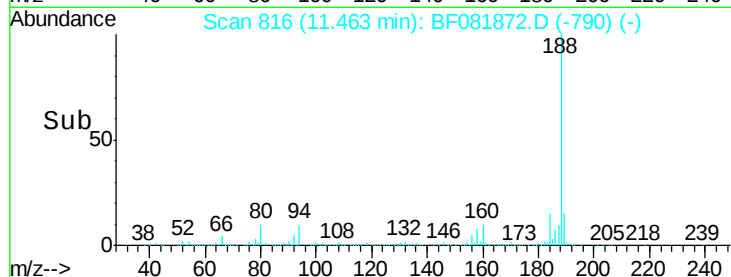
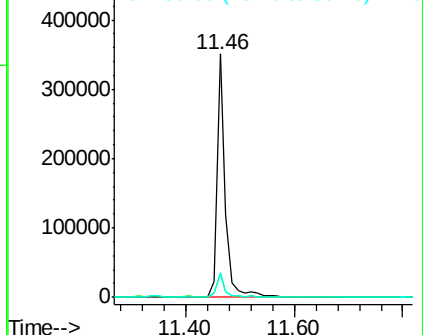
80 10.2 11.0 16.4#



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: BF081872.D

Acq: 29 Sep 2015 8:05

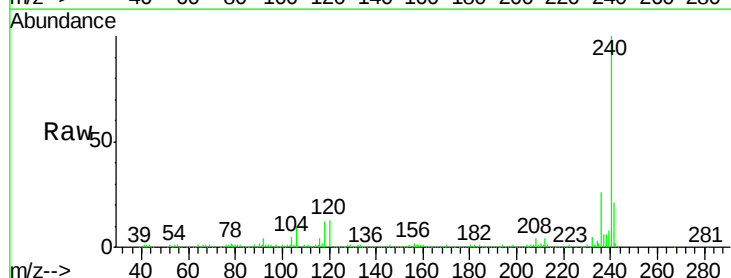
Tgt Ion:240 Resp: 354133

Ion Ratio Lower Upper

240 100

120 13.2 16.2 24.2#

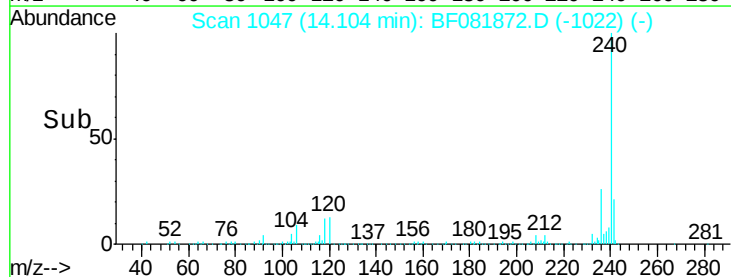
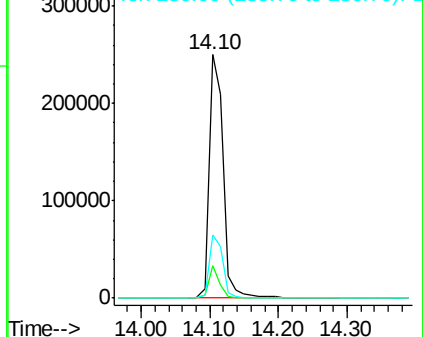
236 26.0 18.4 27.6

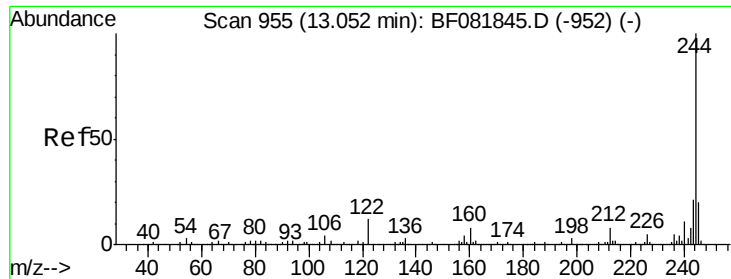


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

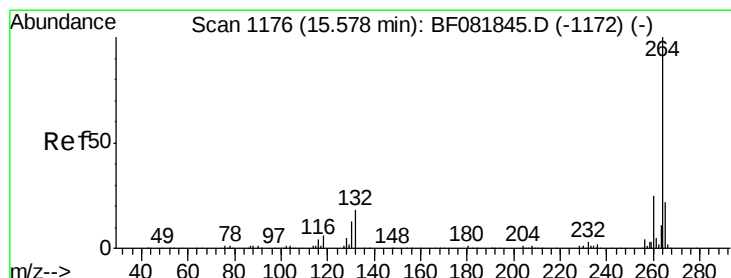
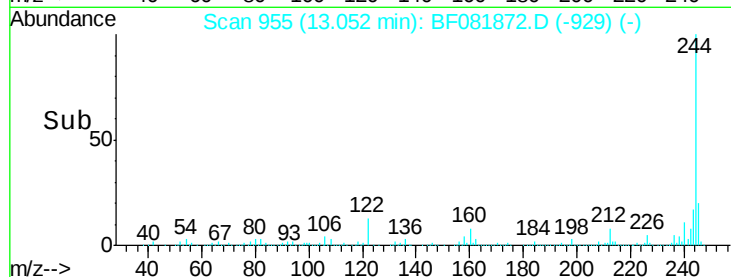
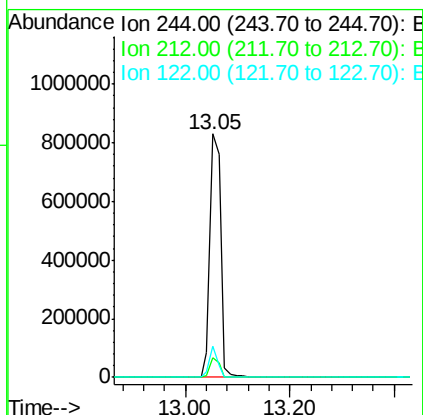
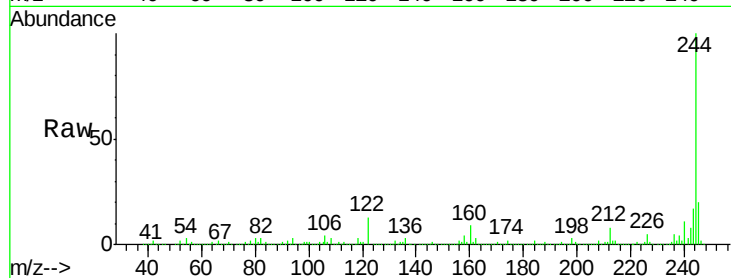




#78
 Terphenyl-d14
 Concen: 125.21 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Instrument :
 BNA_F
 ClientSampled :
 PZ-6-9-17-15

Tgt Ion:244 Resp: 1198906
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.9 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: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion:264 Resp: 279520
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.6 17.2 25.8

