

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082314.D
 Acq On : 15 Oct 2015 17:34
 Operator : UM/IZ
 Sample : G4015-13 25X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LW-1

Quant Time: Oct 16 02:41:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78994	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	329472	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	156349	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	281846	20.00	ng	0.00
75) Chrysene-d12	14.05	240	209603	20.00	ng	-0.05
86) Perylene-d12	15.58	264	204809	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	11900	3.04	ng	0.00
7) Phenol-d6	6.47	99	15857	3.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	8741	1.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	2998	2.04	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	31015	3.29	ng	-0.01
78) Terphenyl-d14	12.95	244	25629	3.24	ng	-0.02

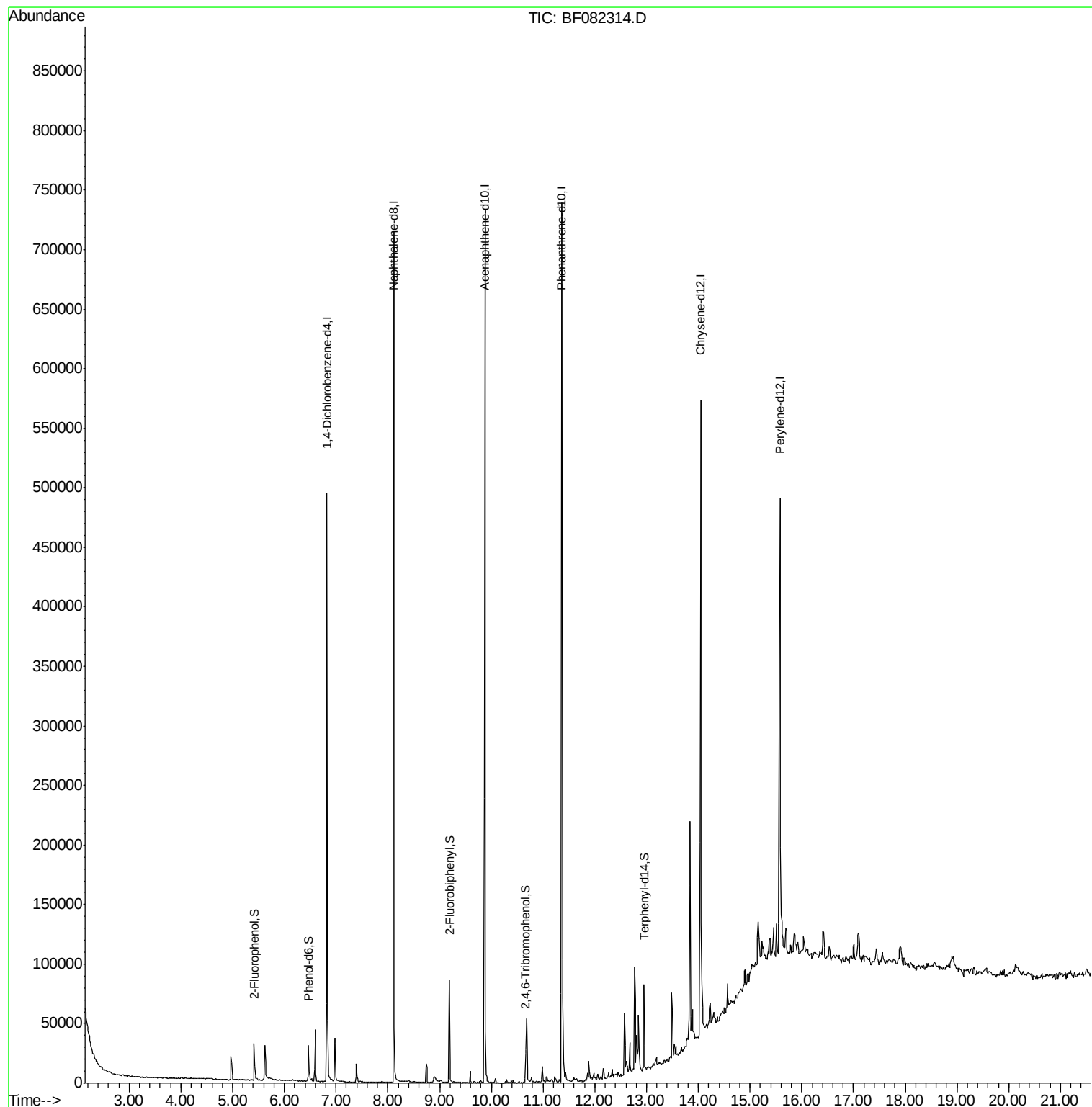
Target Compounds Qvalue

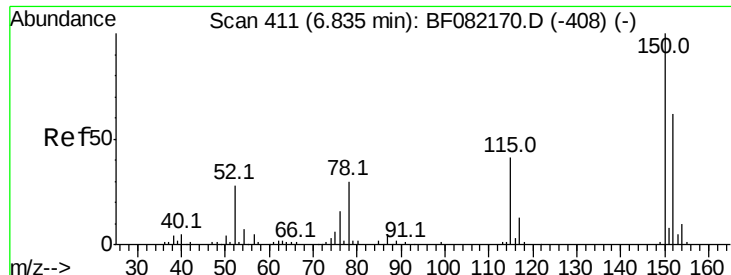
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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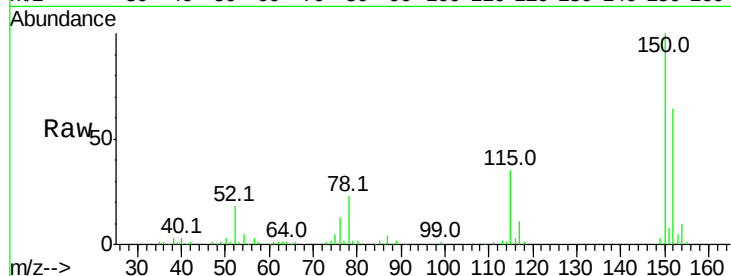


#1

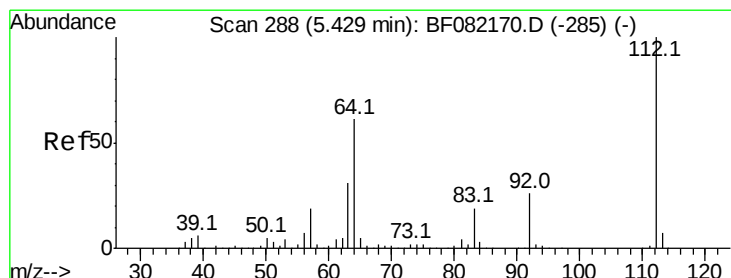
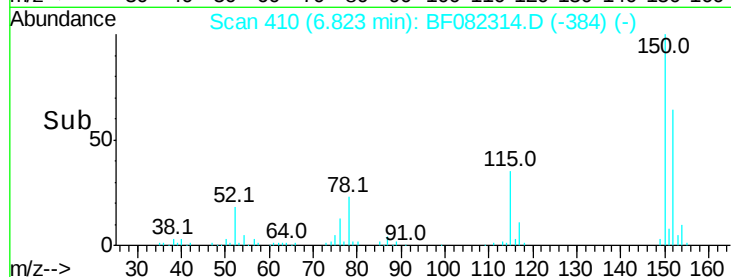
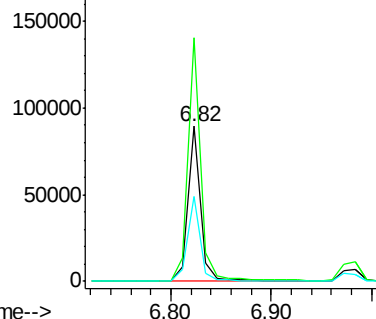
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF082314.D
 Acq: 15 Oct 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 LW-1

Tot Ion:152 Resp: 78994
 Ion Ratio Lower Upper
 152 100
 150 157.4 129.0 193.4
 115 54.5 52.1 78.1



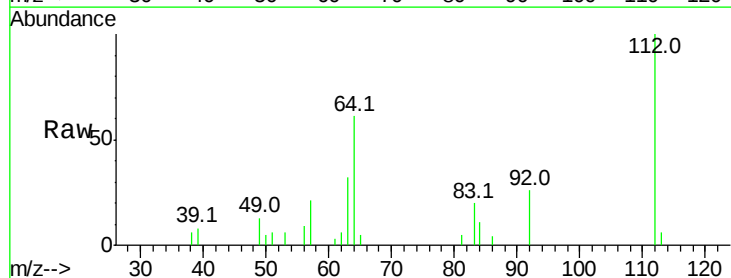
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



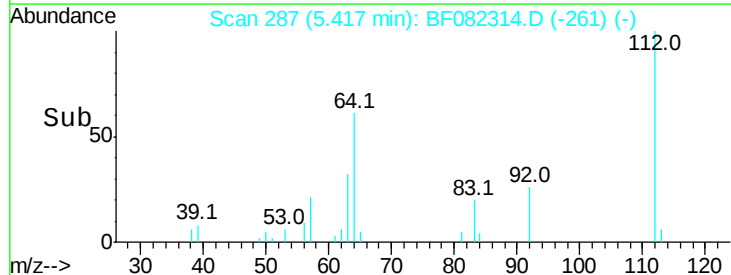
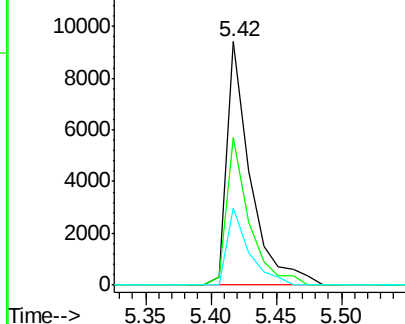
#5

2-Fluorophenol
 Concen: 3.04 ng
 RT: 5.42 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF082314.D
 Acq: 15 Oct 2015 17:34

Tgt Ion:112 Resp: 11900
 Ion Ratio Lower Upper
 112 100
 64 60.8 48.6 73.0
 63 31.7 25.1 37.7



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: 3.11 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082314.D

Acq: 15 Oct 2015 17:34

Instrument :

BNA_F

ClientSampleId :

LW-1

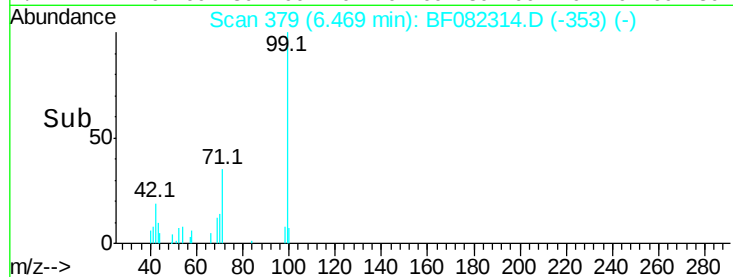
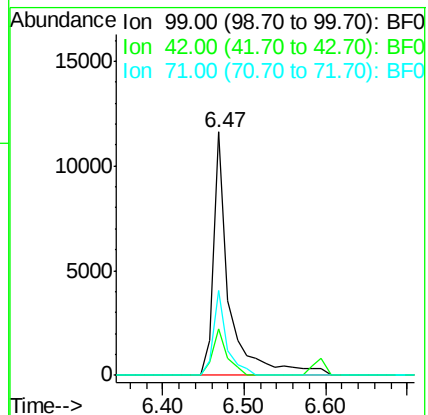
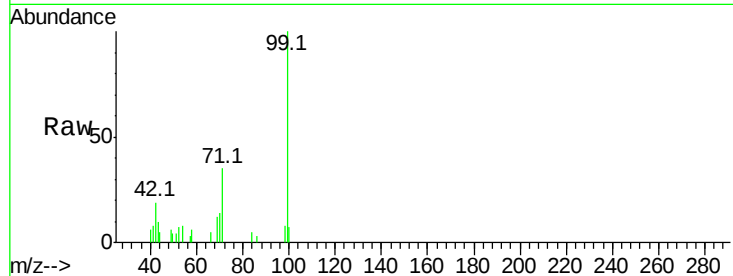
Tot Ion: 99 Resp: 15857

Ion Ratio Lower Upper

99 100

42 19.1 13.2 19.8

71 34.7 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082314.D

Acq: 15 Oct 2015 17:34

Tgt Ion: 136 Resp: 329472

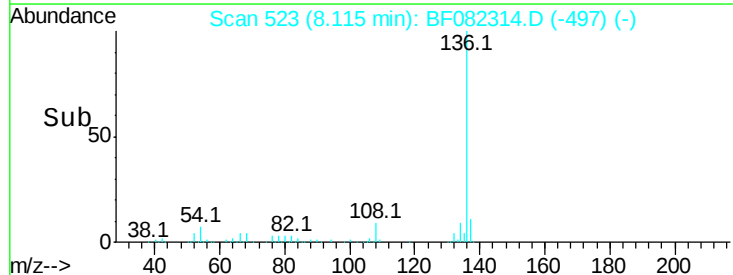
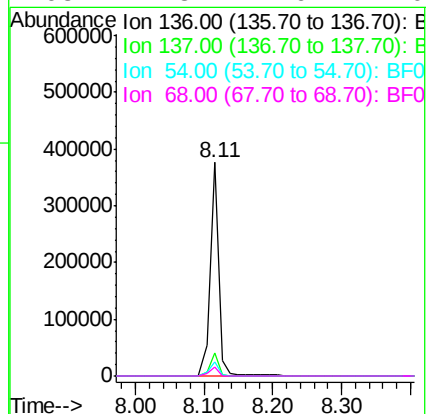
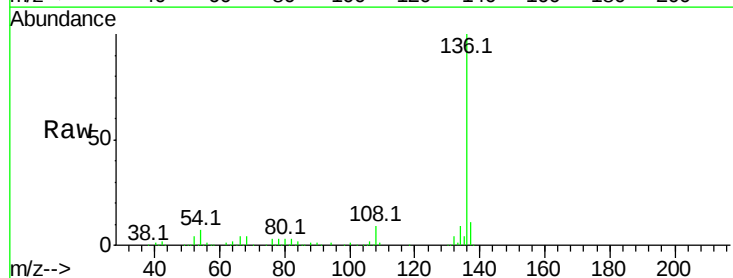
Ion Ratio Lower Upper

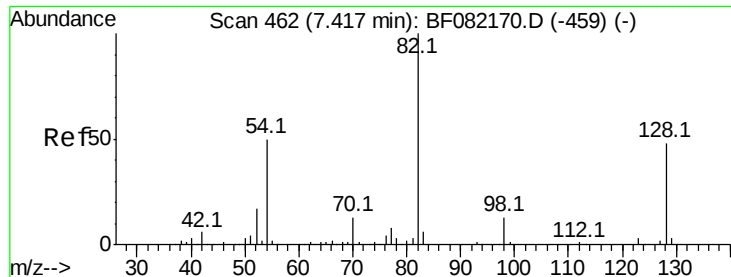
136 100

137 10.8 9.0 13.6

54 6.8 7.5 11.3#

68 4.3 4.6 7.0#





#23

Nitrobenzene-d5

Concen: 1.78 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082314.D

Acq: 15 Oct 2015 17:34

Instrument :

BNA_F

ClientSampled :

LW-1

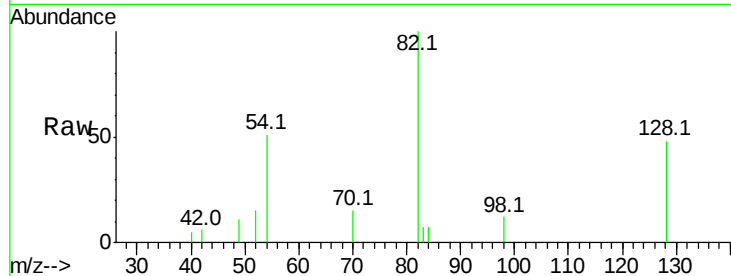
Tot Ion: 82 Resp: 8741

Ion Ratio Lower Upper

82 100

128 48.3 38.7 58.1

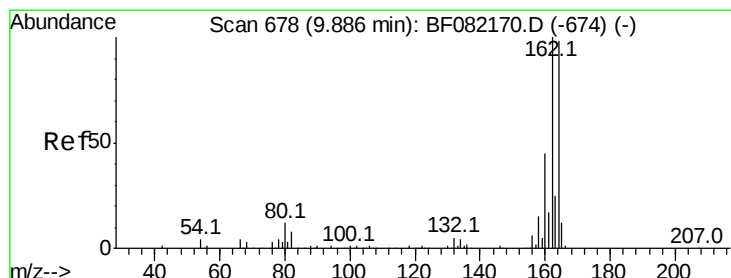
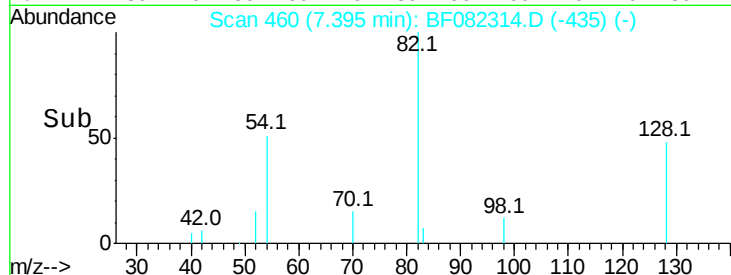
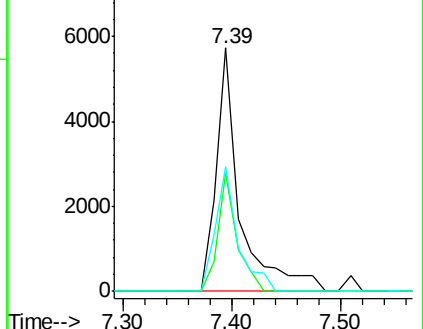
54 51.1 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082314.D

Acq: 15 Oct 2015 17:34

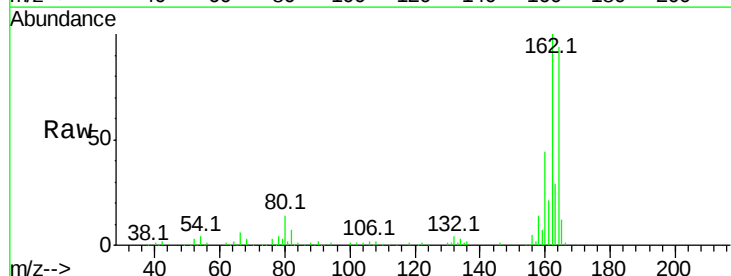
Tgt Ion:164 Resp: 156349

Ion Ratio Lower Upper

164 100

162 105.8 81.6 122.4

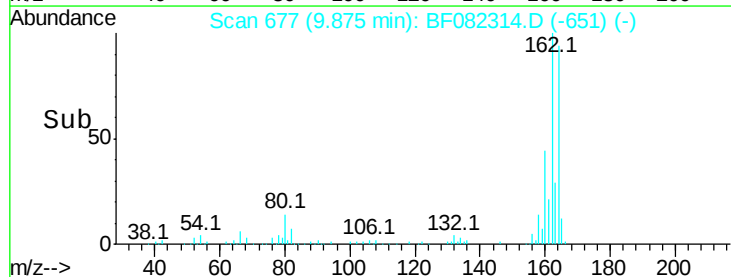
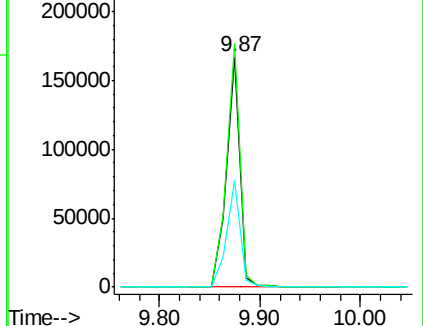
160 46.1 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

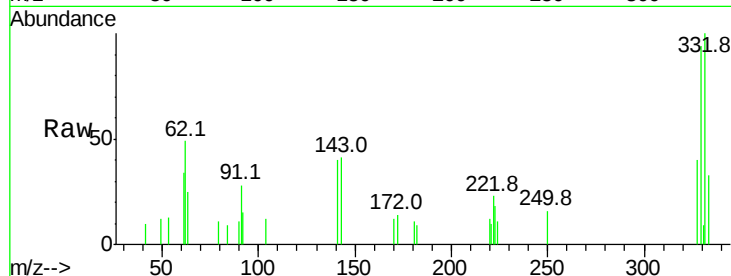




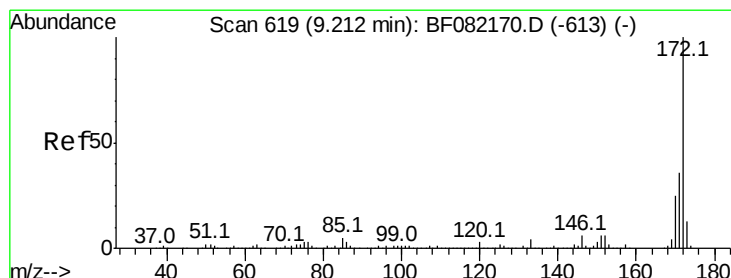
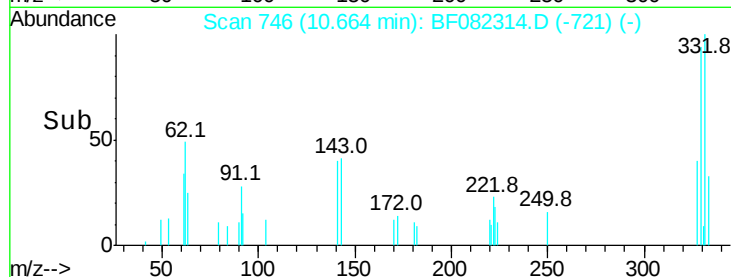
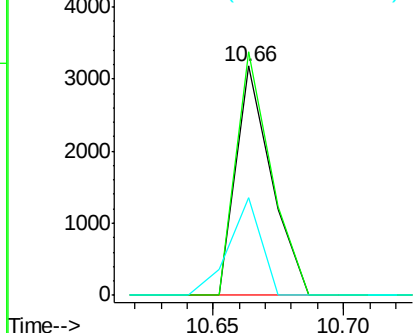
#41
 2,4,6-Tribromophenol
 Concen: 2.04 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082314.D
 Acq: 15 Oct 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 LW-1

Tot Ion:330 Resp: 2998
 Ion Ratio Lower Upper
 330 100
 332 105.5 77.1 115.7
 141 39.2 29.8 44.8

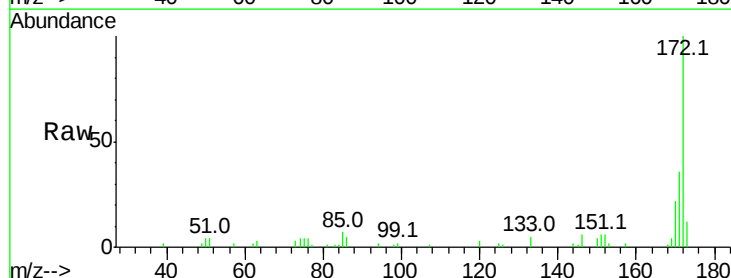


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

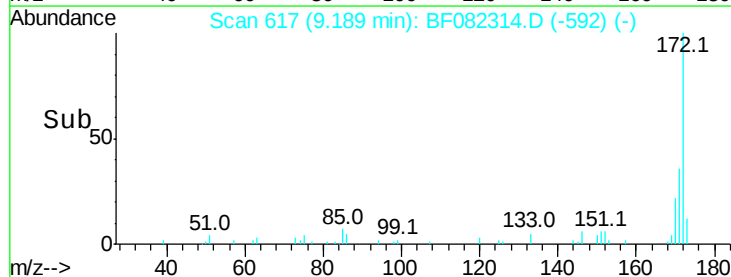
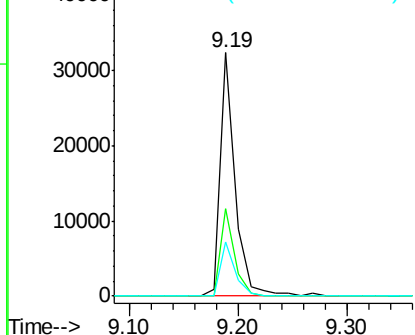


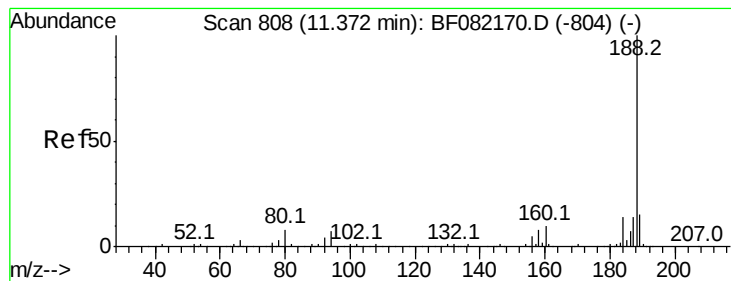
#44
 2-Fluorobiphenyl
 Concen: 3.29 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082314.D
 Acq: 15 Oct 2015 17:34

Tgt Ion:172 Resp: 31015
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 22.3 19.7 29.5



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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082314.D

Acq: 15 Oct 2015 17:34

Instrument :

BNA_F

ClientSampleId :

LW-1

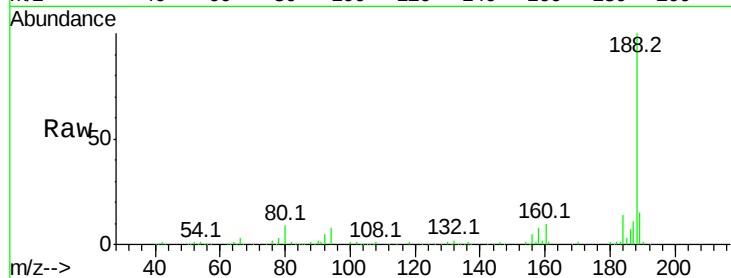
Tot Ion:188 Resp: 281846

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.6

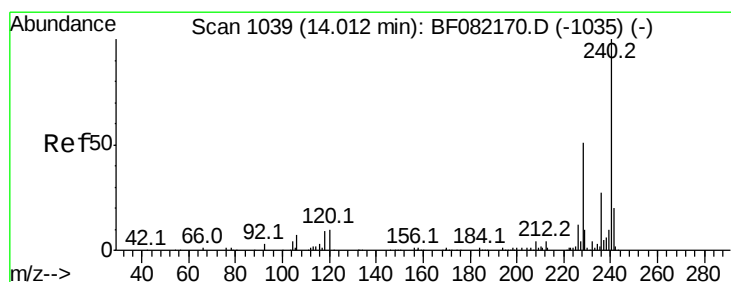
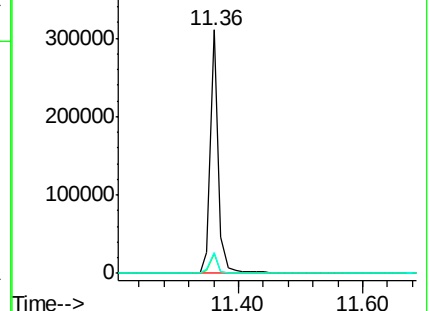
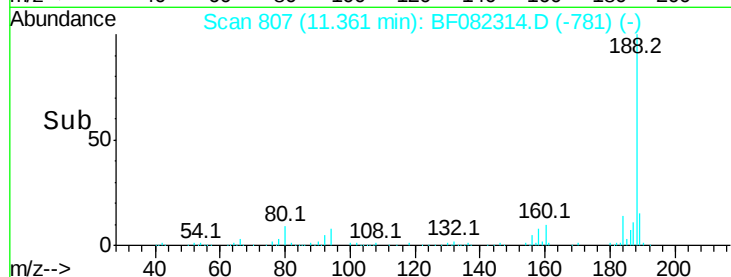
80 8.8 6.4 9.6



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: 14.05 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF082314.D

Acq: 15 Oct 2015 17:34

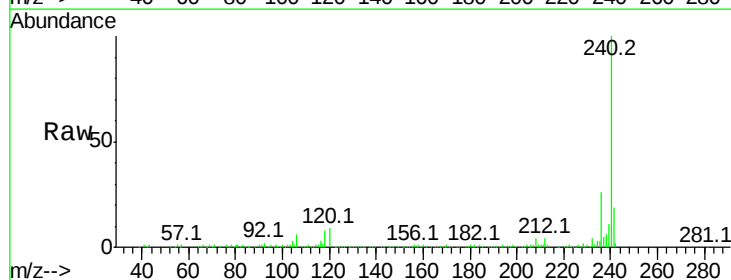
Tgt Ion:240 Resp: 209603

Ion Ratio Lower Upper

240 100

120 8.6 8.1 12.1

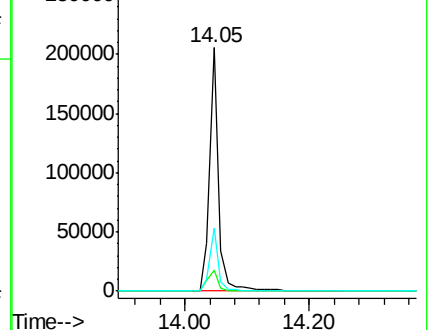
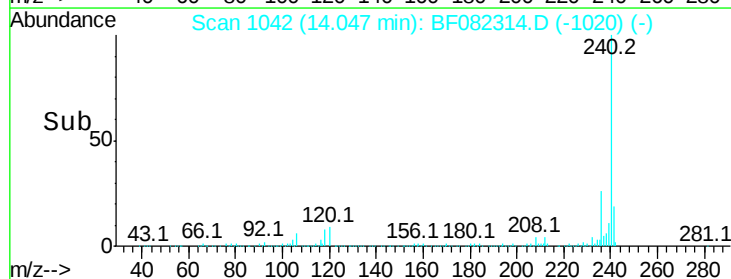
236 25.8 21.3 31.9

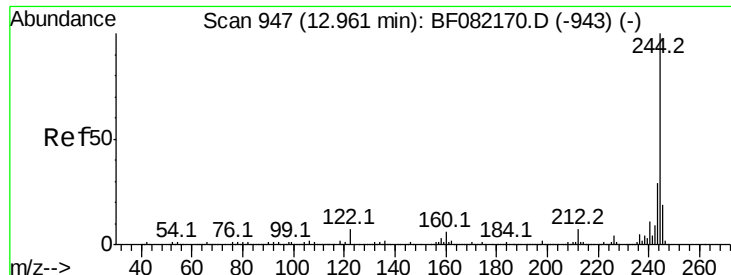


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3.24 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF082314.D

Acq: 15 Oct 2015 17:34

Instrument :

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ClientSampleId :

LW-1

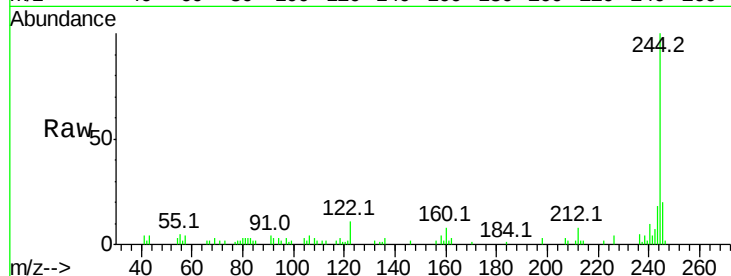
Tot Ion:244 Resp: 25629

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

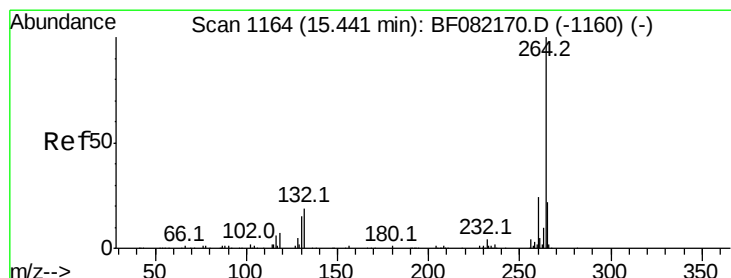
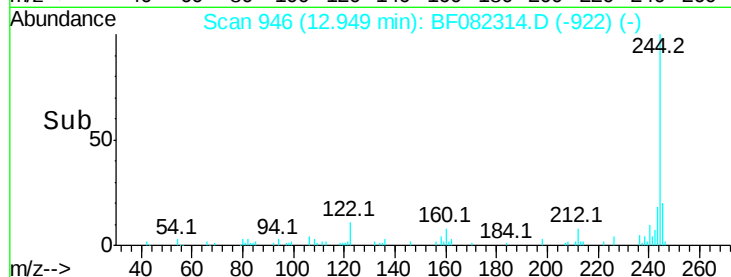
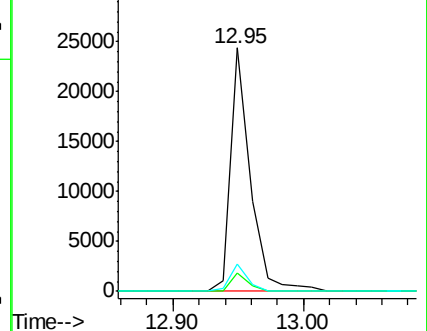
122 11.0 5.9 8.9#



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: 15.58 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF082314.D

Acq: 15 Oct 2015 17:34

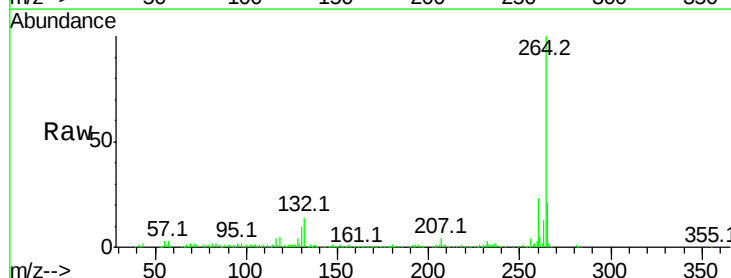
Tgt Ion:264 Resp: 204809

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 20.8 17.3 25.9



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

