

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082284.D
 Acq On : 14 Oct 2015 17:43
 Operator : UM/IZ
 Sample : G4015-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LW-2

Quant Time: Oct 15 03:40:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

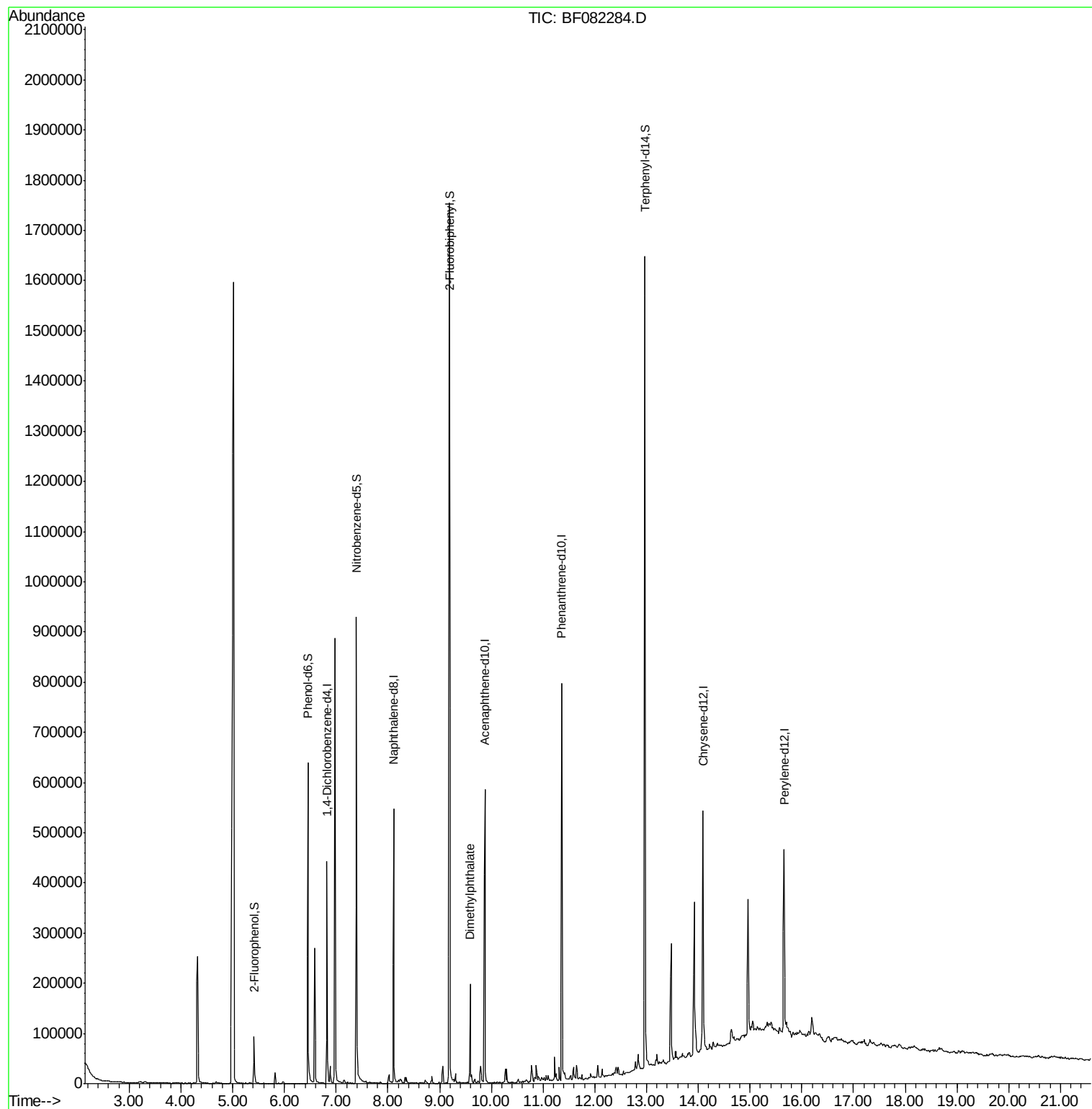
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74765	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	305861	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	160685	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	326949	20.00	ng	0.00
75) Chrysene-d12	14.09	240	288427	20.00	ng	-0.03
86) Perylene-d12	15.66	264	196698	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	35769	9.66	ng	0.01
7) Phenol-d6	6.46	99	274858	57.02	ng	-0.01
23) Nitrobenzene-d5	7.39	82	354314	77.79	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	501	0.33	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	684988	70.70	ng	-0.01
78) Terphenyl-d14	12.97	244	839557	77.13	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	80596	7.12	ng	99

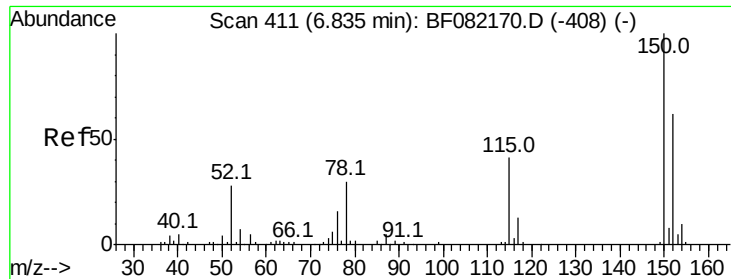
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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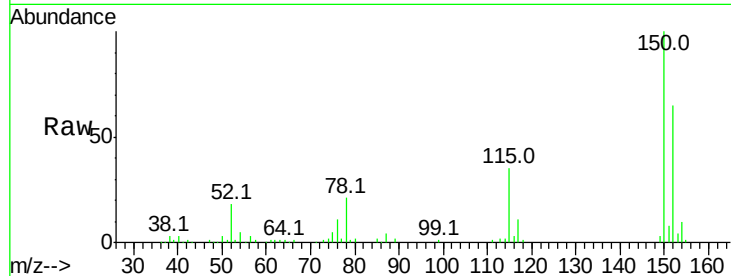


#1

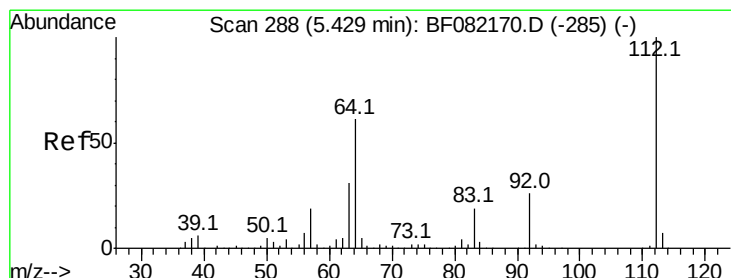
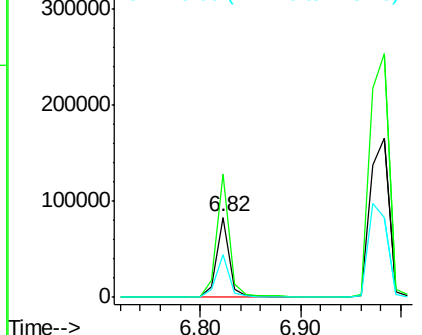
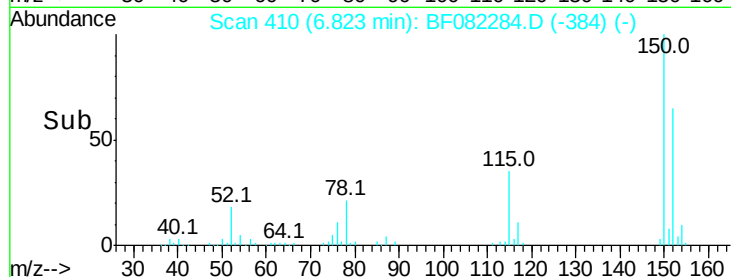
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082284.D
Acq: 14 Oct 2015 17:43

Instrument :
BNA_F
ClientSampleId :
LW-2

Tot Ion:152 Resp: 74765
Ion Ratio Lower Upper
152 100
150 153.7 129.0 193.4
115 53.6 52.1 78.1



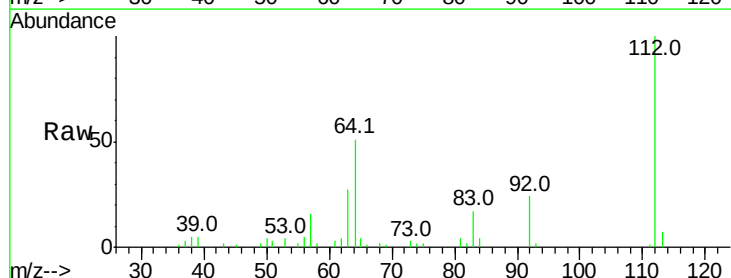
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



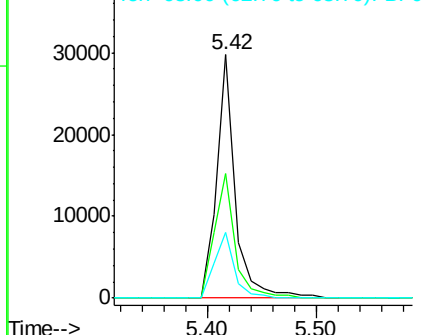
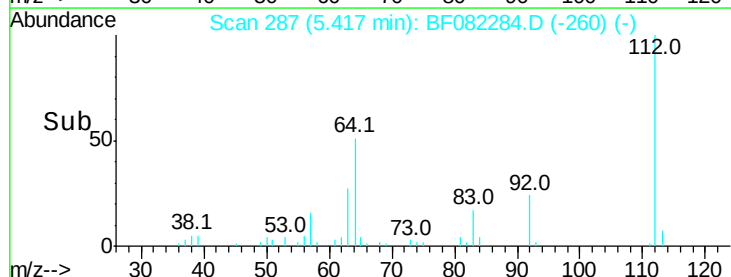
#5

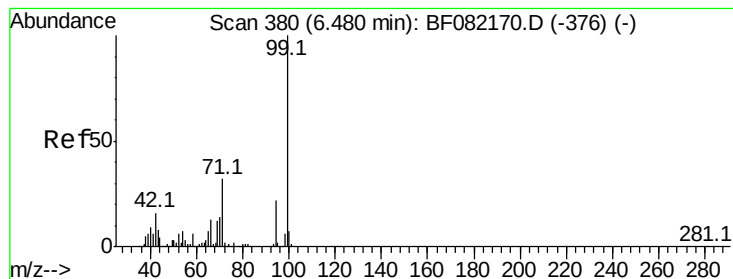
2-Fluorophenol
Concen: 9.66 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082284.D
Acq: 14 Oct 2015 17:43

Tgt Ion:112 Resp: 35769
Ion Ratio Lower Upper
112 100
64 51.3 48.6 73.0
63 27.1 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: 57.02 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Instrument :

BNA_F

ClientSampleId :

LW-2

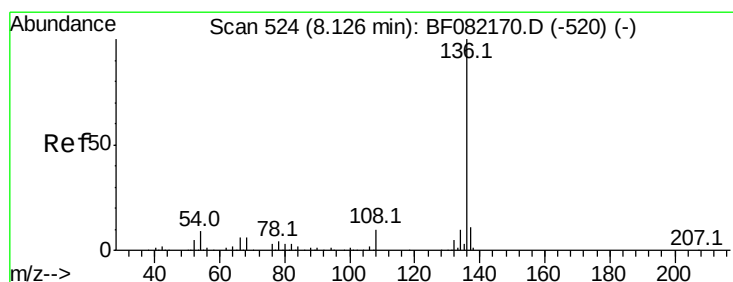
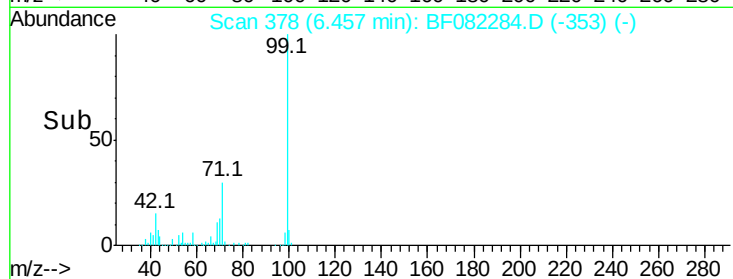
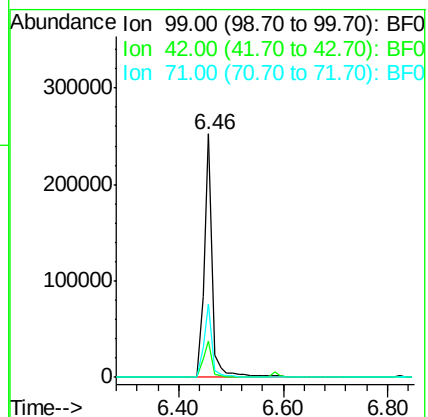
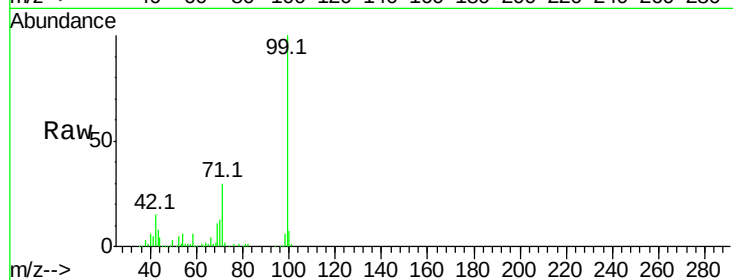
Tot Ion: 99 Resp: 274858

Ion Ratio Lower Upper

99 100

42 14.6 13.2 19.8

71 29.9 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: BF082284.D

Acq: 14 Oct 2015 17:43

Tgt Ion: 136 Resp: 305861

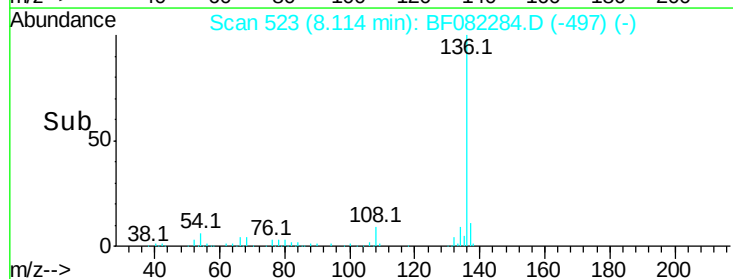
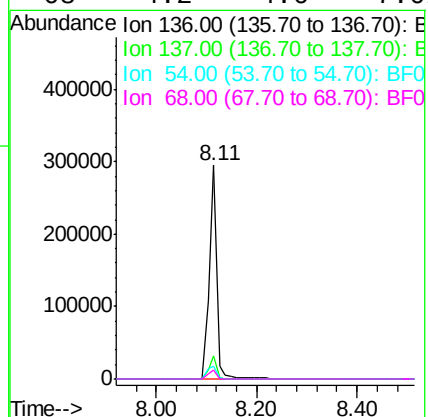
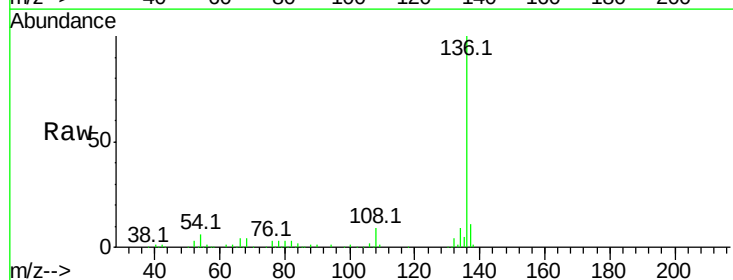
Ion Ratio Lower Upper

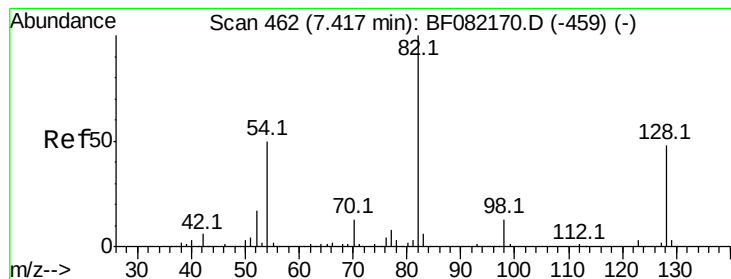
136 100

137 10.5 9.0 13.6

54 6.2 7.5 11.3#

68 4.2 4.6 7.0#





#23

Nitrobenzene-d5

Concen: 77.79 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Instrument :

BNA_F

ClientSampled :

LW-2

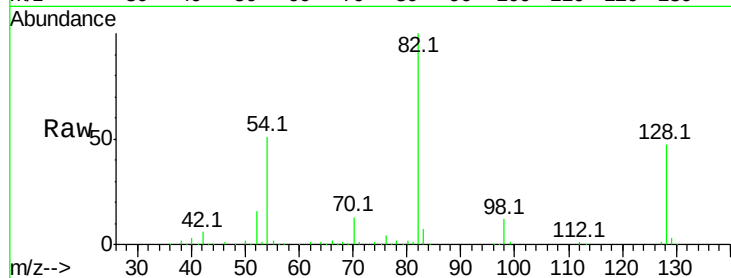
Tot Ion: 82 Resp: 354314

Ion Ratio Lower Upper

82 100

128 46.7 38.7 58.1

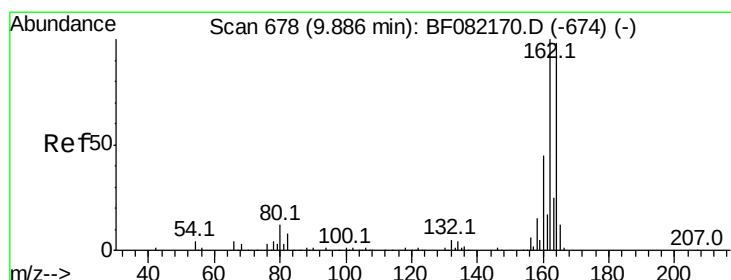
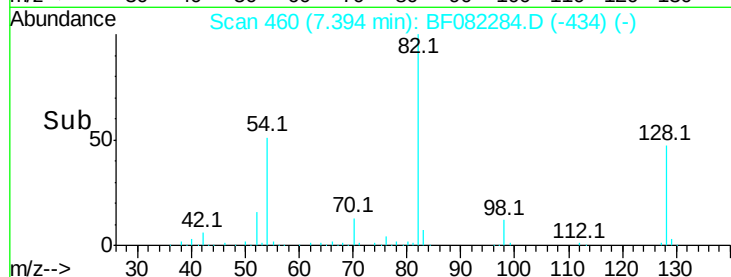
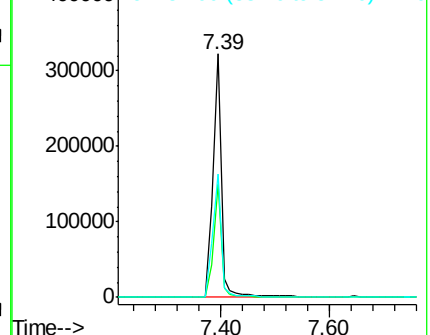
54 50.6 40.1 60.1



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: BF082284.D

Acq: 14 Oct 2015 17:43

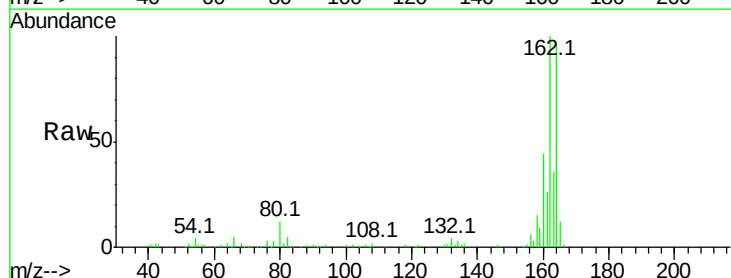
Tgt Ion:164 Resp: 160685

Ion Ratio Lower Upper

164 100

162 103.9 81.6 122.4

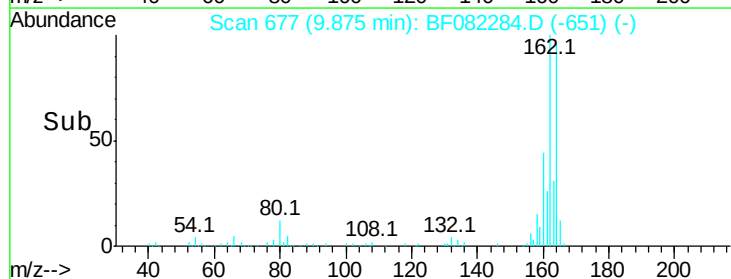
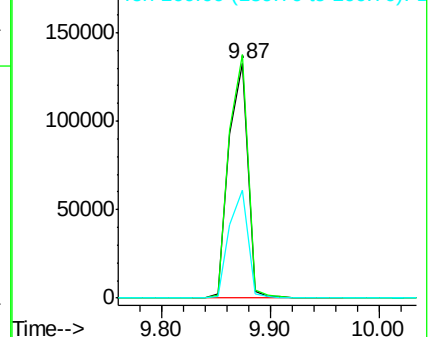
160 46.0 36.4 54.6

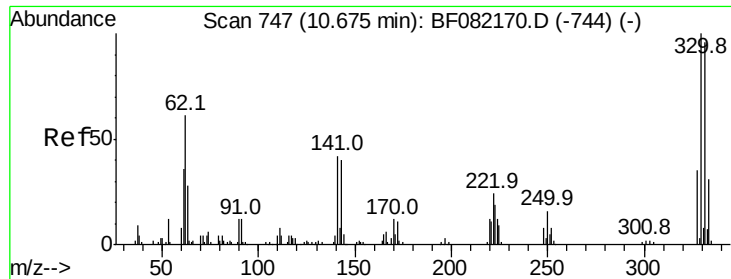


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

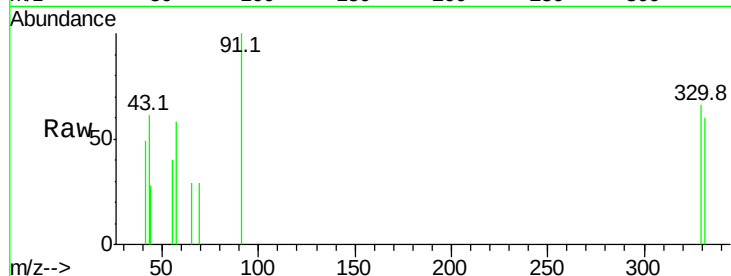




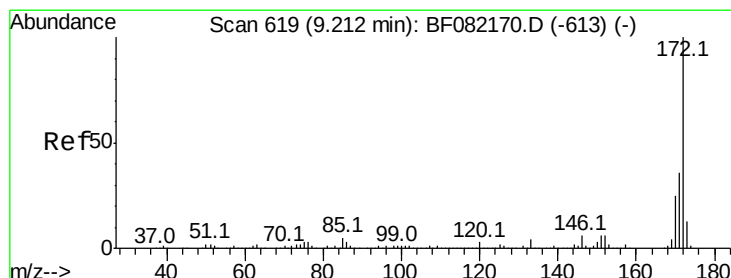
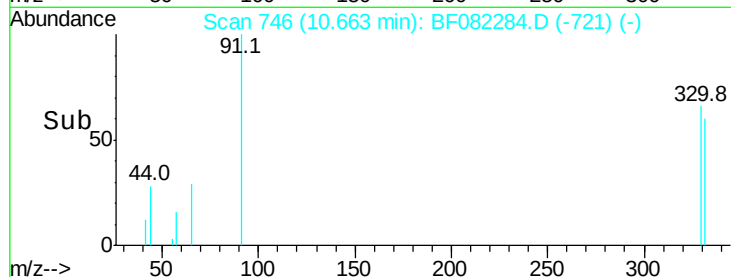
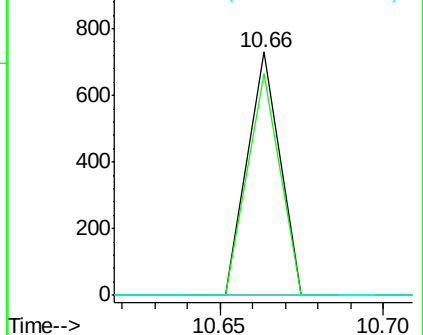
#41
 2,4,6-Tribromophenol
 Concen: 0.33 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082284.D
 Acq: 14 Oct 2015 17:43

Instrument :
 BNA_F
 ClientSampled :
 LW-2

Tot Ion:330 Resp: 501
 Ion Ratio Lower Upper
 330 100
 332 91.2 77.1 115.7
 141 0.0 29.8 44.8#

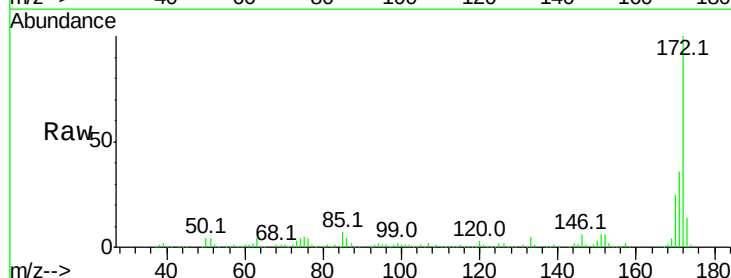


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

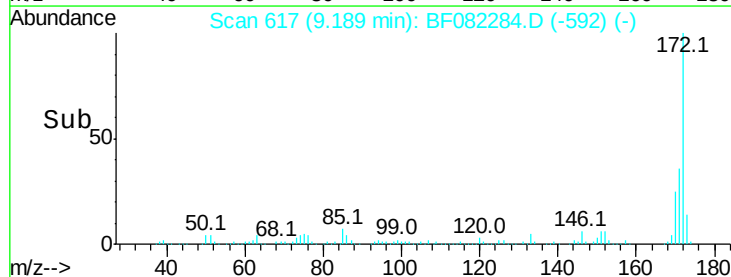
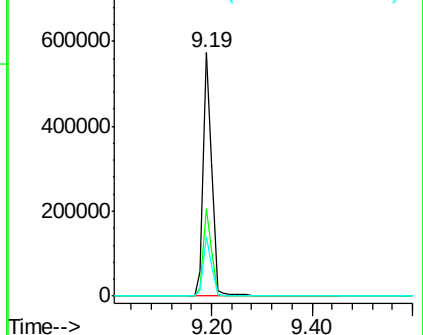


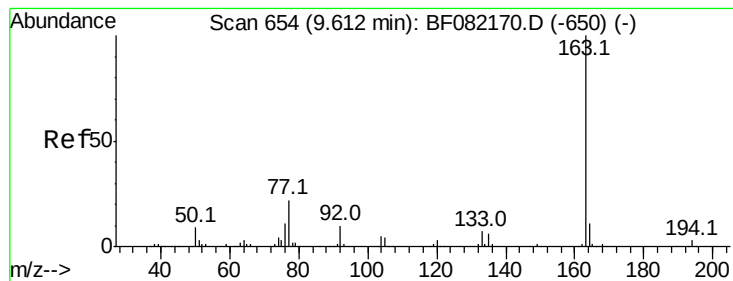
#44
 2-Fluorobiphenyl
 Concen: 70.70 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082284.D
 Acq: 14 Oct 2015 17:43

Tgt Ion:172 Resp: 684988
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 24.5 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





#49

Dimethylphthalate

Concen: 7.12 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Instrument :

BNA_F

ClientSampleId :

LW-2

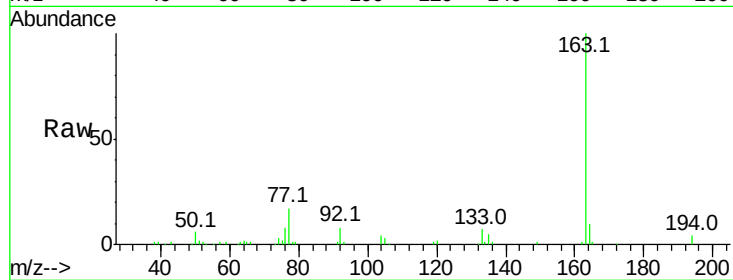
Tot Ion:163 Resp: 80596

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

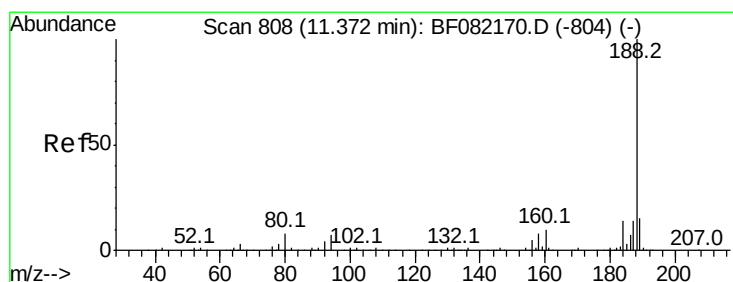
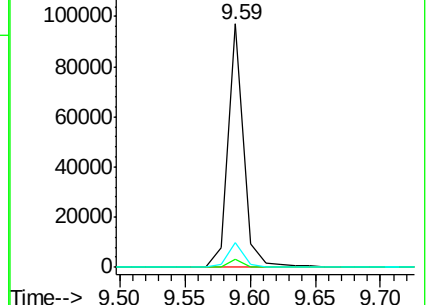
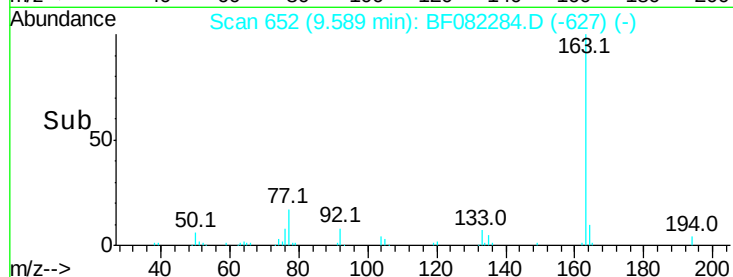
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

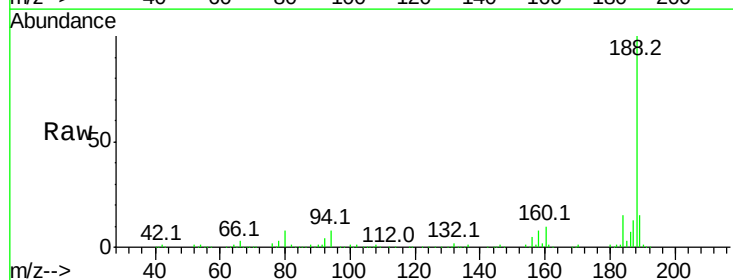
Tgt Ion:188 Resp: 326949

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

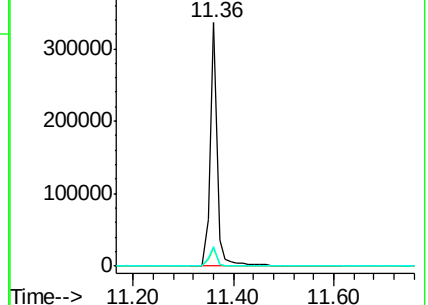
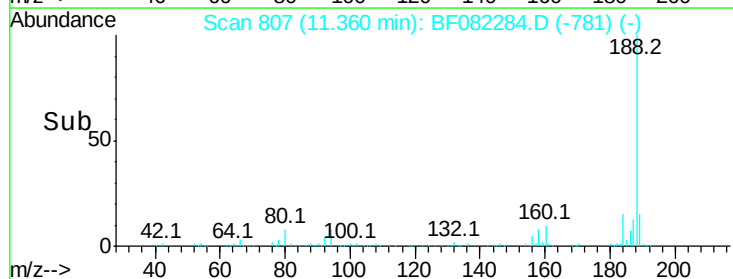
80 8.3 6.4 9.6

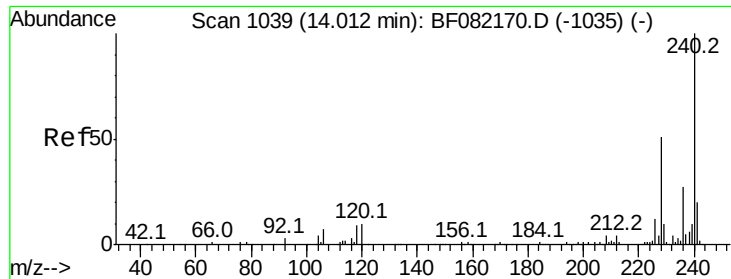


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Instrument :

BNA_F

ClientSampled :

LW-2

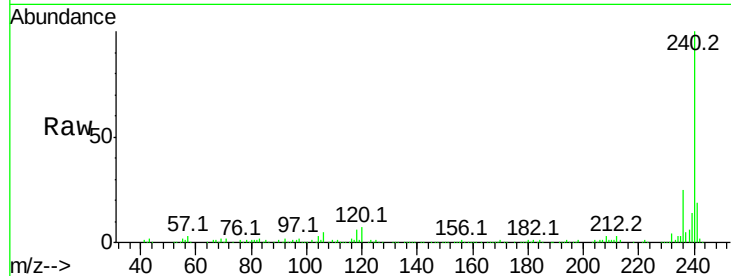
Tot Ion:240 Resp: 288427

Ion Ratio Lower Upper

240 100

120 6.7 8.1 12.1#

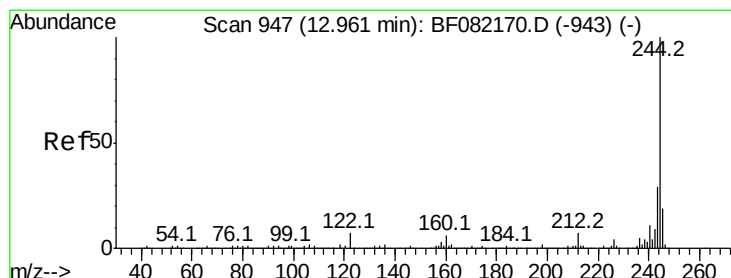
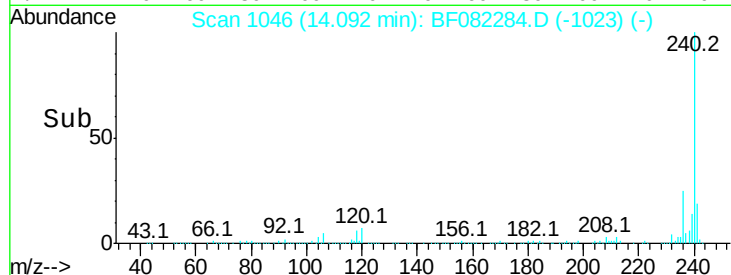
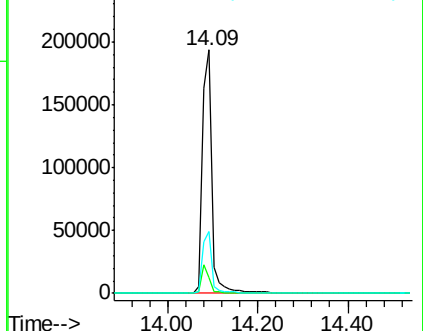
236 25.5 21.3 31.9



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: 77.13 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

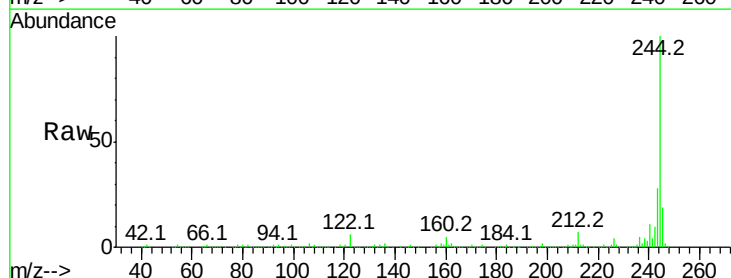
Tgt Ion:244 Resp: 839557

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

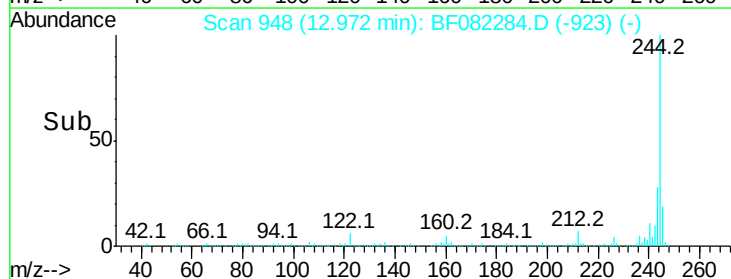
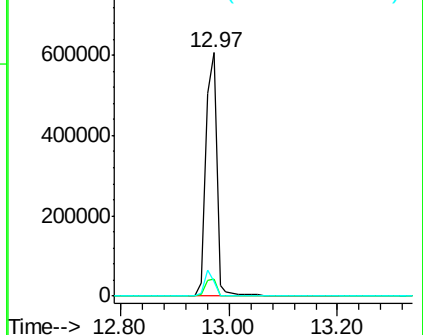
122 6.1 5.9 8.9

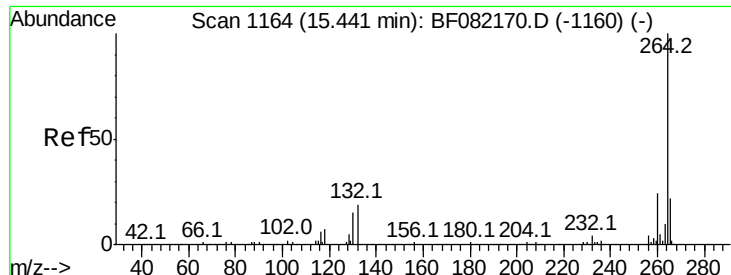


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

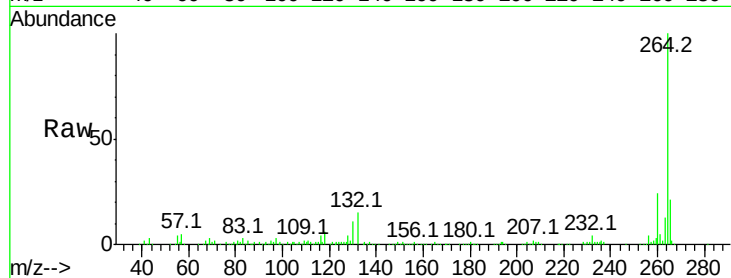




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 1183
Delta R.T. -0.08 min
Lab File: BF082284.D
Acq: 14 Oct 2015 17:43

Instrument :
BNA_F
ClientSampleId :
LW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.7	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

