

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082411.D
 Acq On : 21 Oct 2015 18:32
 Operator : UM/IZ
 Sample : G4097-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MC-MASTER-WALL-SOIL-EAST

Quant Time: Oct 22 10:17:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

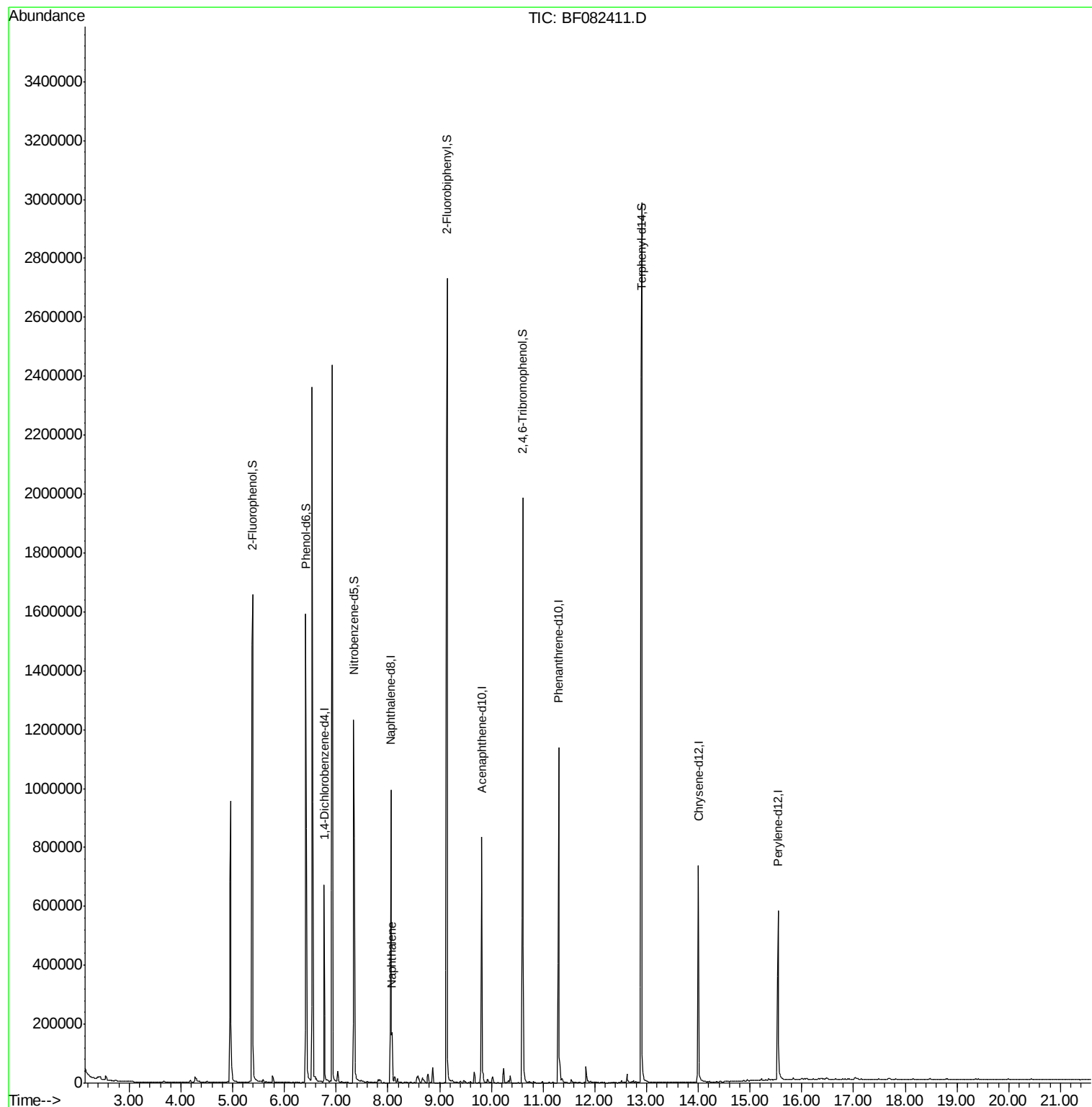
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	115635	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	470291	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	236160	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	491367	20.00	ng	0.00
75) Chrysene-d12	14.00	240	429355	20.00	ng	-0.01
86) Perylene-d12	15.54	264	300170	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	696121	121.50	ng	0.02
7) Phenol-d6	6.41	99	737494	98.91	ng	-0.01
23) Nitrobenzene-d5	7.34	82	593389	84.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	242675	109.57	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1320827	92.75	ng	0.00
78) Terphenyl-d14	12.90	244	1378238	85.06	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	80786	3.96	ng	Qvalue 98

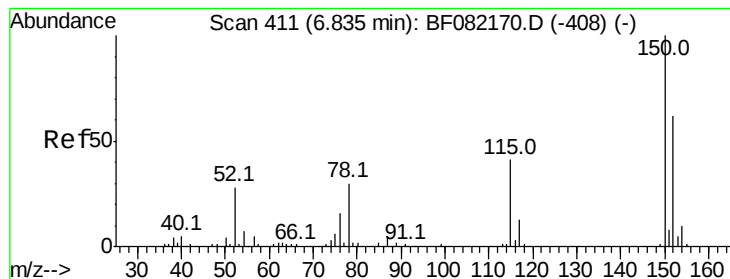
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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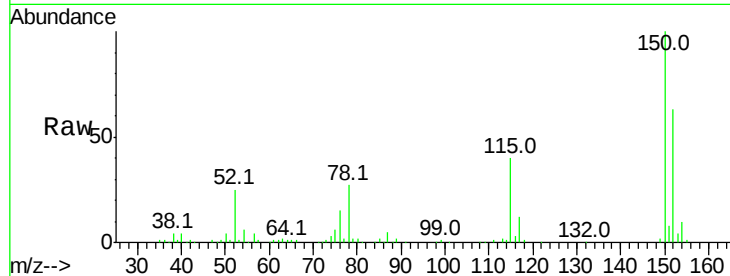


#1

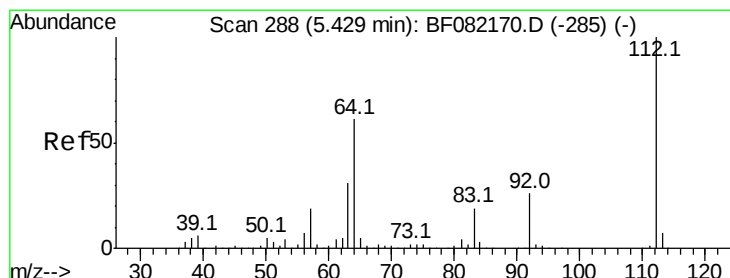
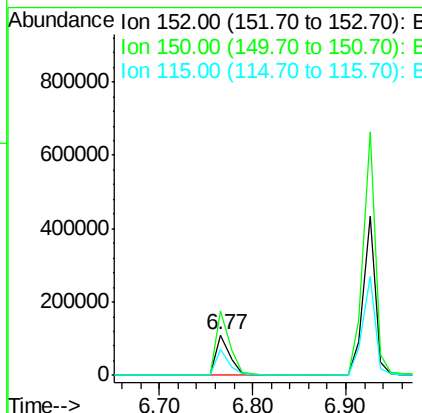
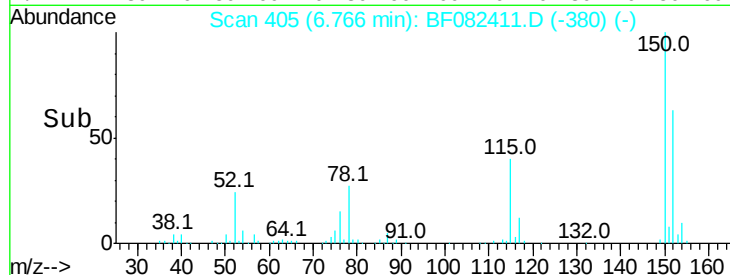
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082411.D
 Acq: 21 Oct 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :
 MC-MASTER-WALL-SOIL-EAST

Tot Ion:152 Resp: 115635
 Ion Ratio Lower Upper
 152 100
 150 158.5 129.0 193.4
 115 63.5 52.1 78.1



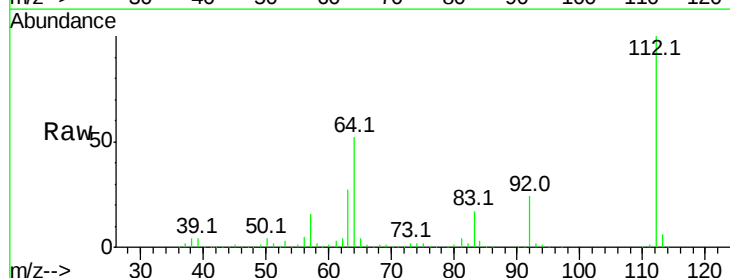
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



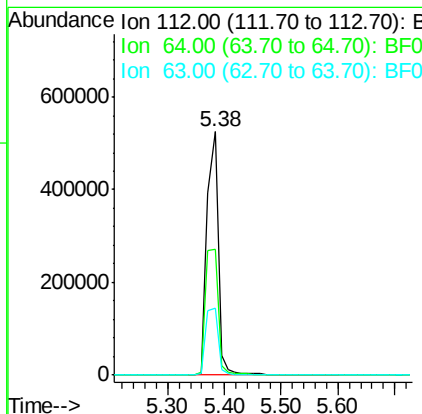
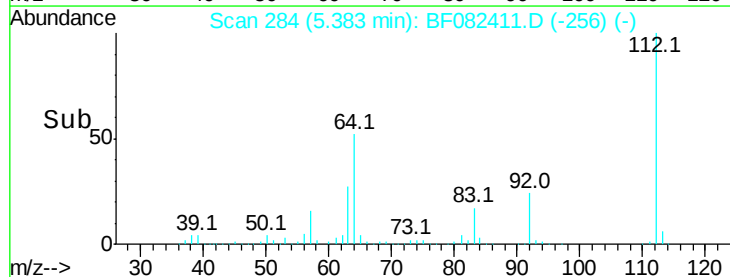
#5

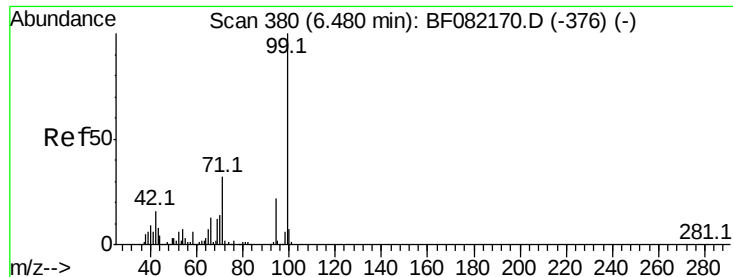
2-Fluorophenol
 Concen: 121.50 ng
 RT: 5.38 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: BF082411.D
 Acq: 21 Oct 2015 18:32

Tgt Ion:112 Resp: 696121
 Ion Ratio Lower Upper
 112 100
 64 51.8 48.6 73.0
 63 27.3 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: 98.91 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082411.D

Acq: 21 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

MC-MASTER-WALL-SOIL-EAST

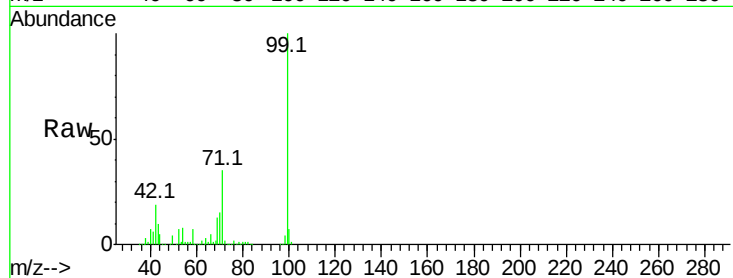
Tot Ion: 99 Resp: 737494

Ion Ratio Lower Upper

99 100

42 19.1 13.2 19.8

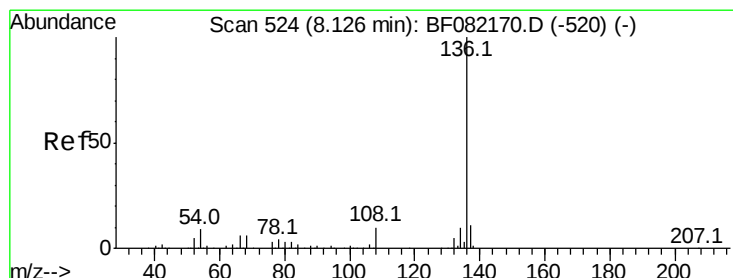
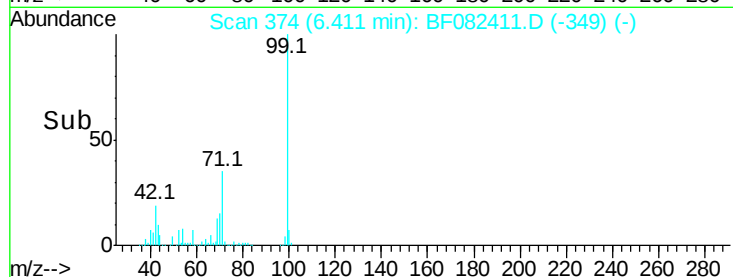
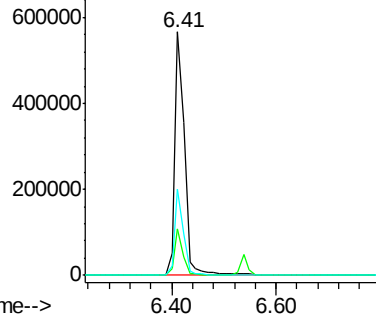
71 35.4 25.6 38.4



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: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082411.D

Acq: 21 Oct 2015 18:32

Tgt Ion: 136 Resp: 470291

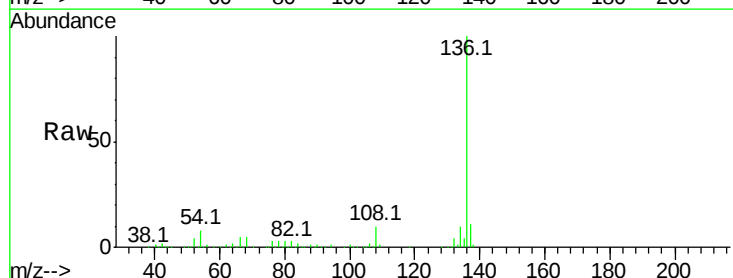
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.7 7.5 11.3

68 5.1 4.6 7.0

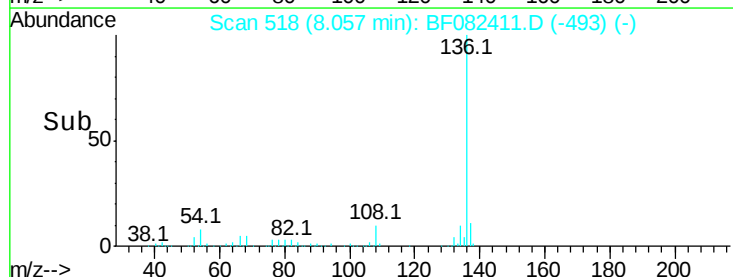
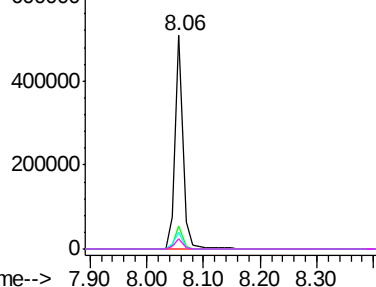


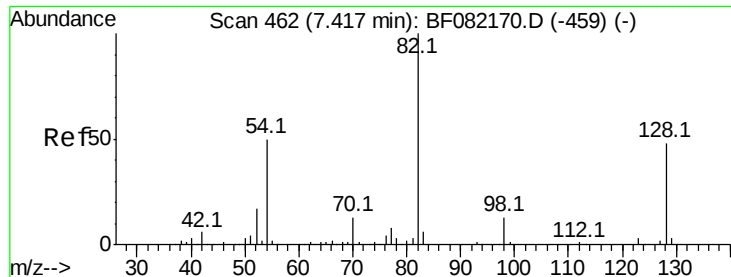
Abundance Ion 136.00 (135.70 to 136.70): E

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

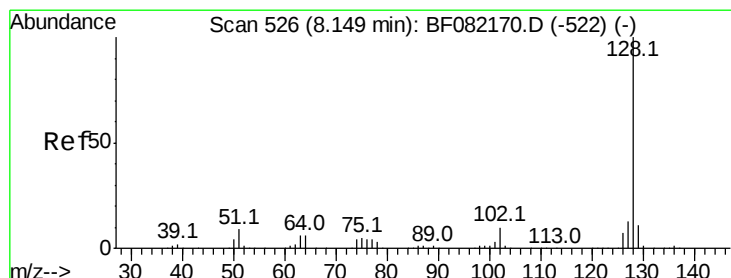
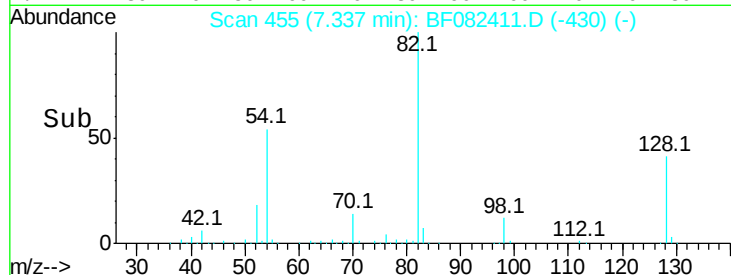
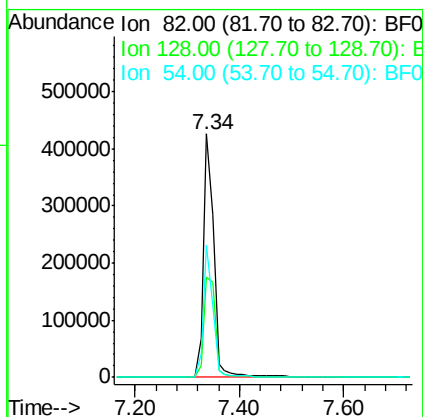
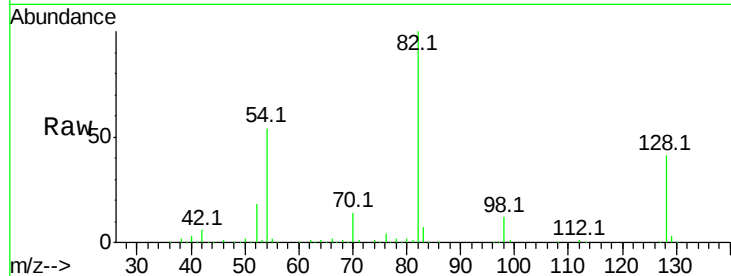




#23
 Nitrobenzene-d5
 Concen: 84.73 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082411.D
 Acq: 21 Oct 2015 18:32

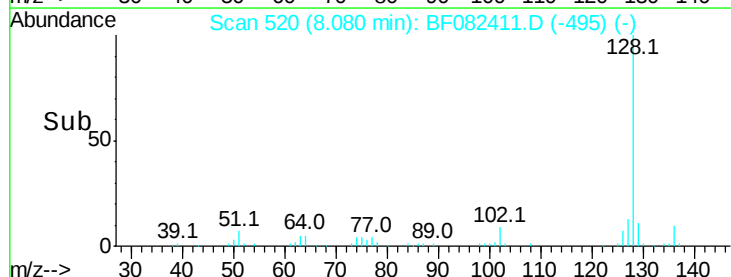
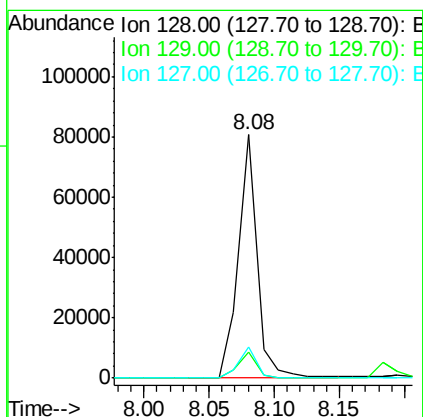
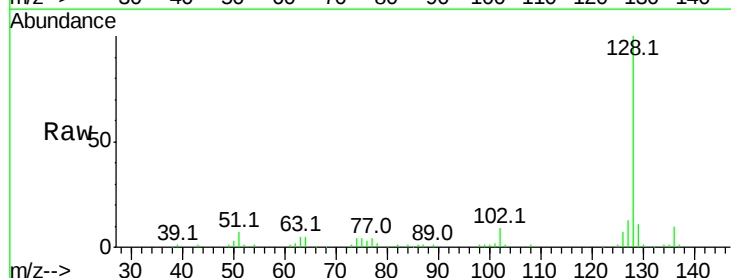
Instrument :
 BNA_F
 ClientSampleId :
 MC-MASTER-WALL-SOIL-EAST

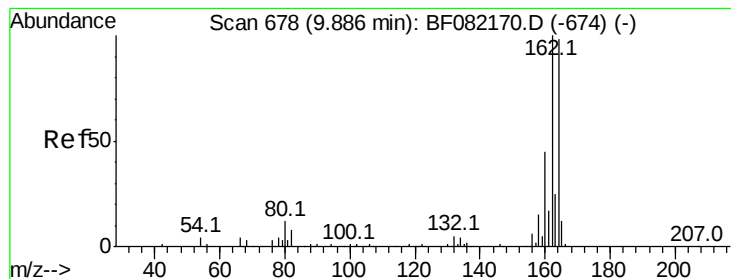
Tot Ion: 82 Resp: 593389
 Ion Ratio Lower Upper
 82 100
 128 41.2 38.7 58.1
 54 54.2 40.1 60.1



#31
 Naphthalene
 Concen: 3.96 ng
 RT: 8.08 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF082411.D
 Acq: 21 Oct 2015 18:32

Tgt Ion: 128 Resp: 80786
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.1 13.7
 127 12.7 10.7 16.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082411.D

Acq: 21 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

MC-MASTER-WALL-SOIL-EAST

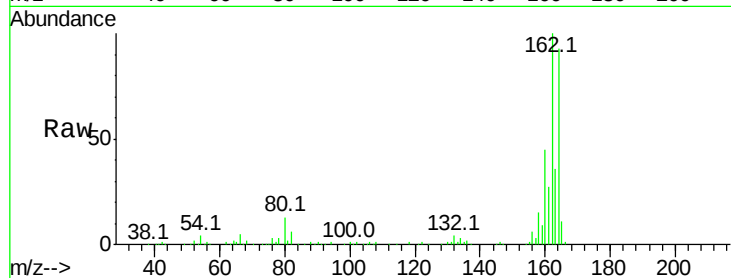
Tot Ion:164 Resp: 236160

Ion Ratio Lower Upper

164 100

162 107.8 81.6 122.4

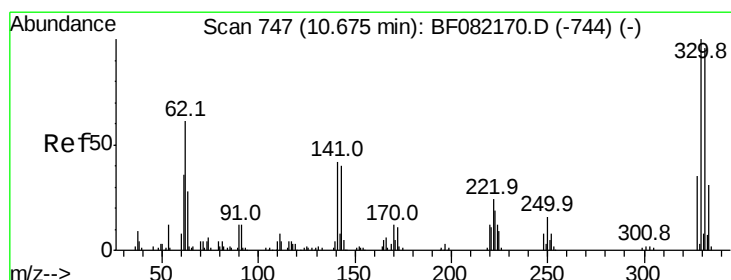
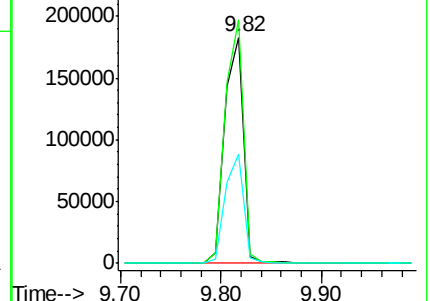
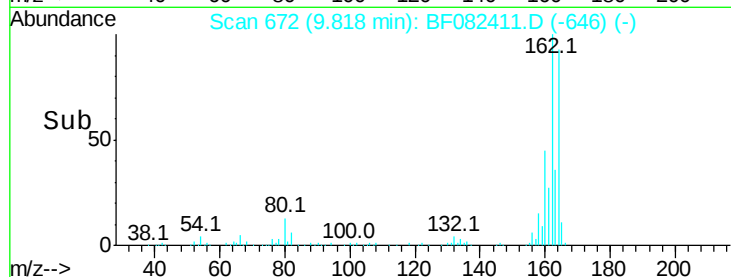
160 48.2 36.4 54.6



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: 109.57 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082411.D

Acq: 21 Oct 2015 18:32

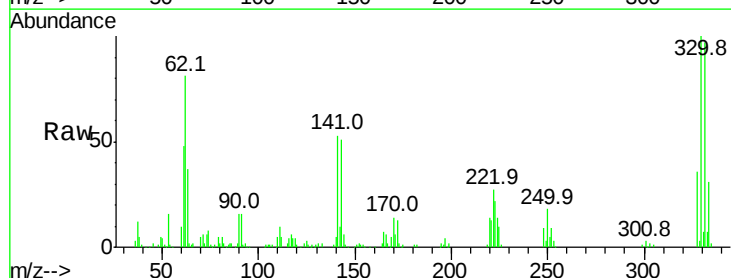
Tgt Ion:330 Resp: 242675

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

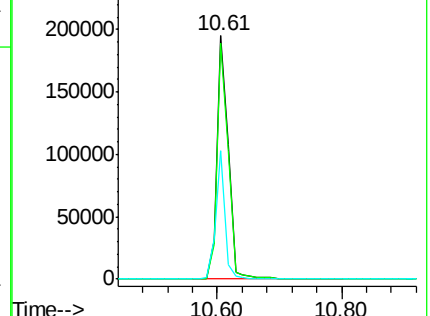
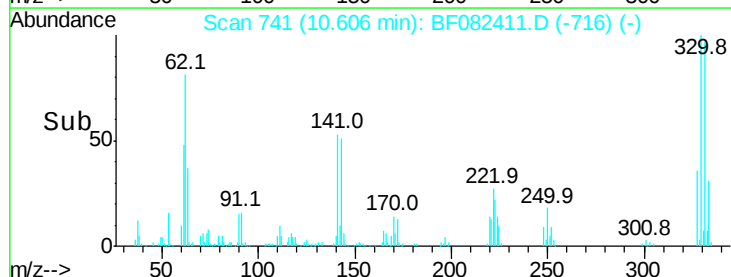
141 43.3 29.8 44.8

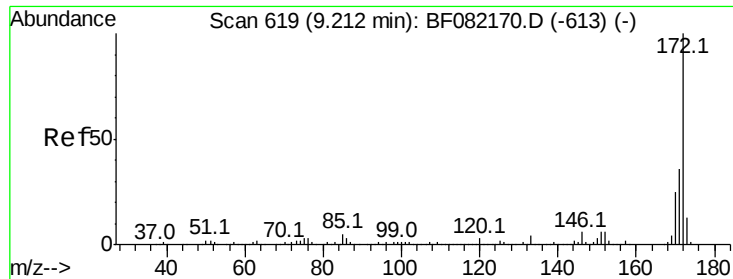


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



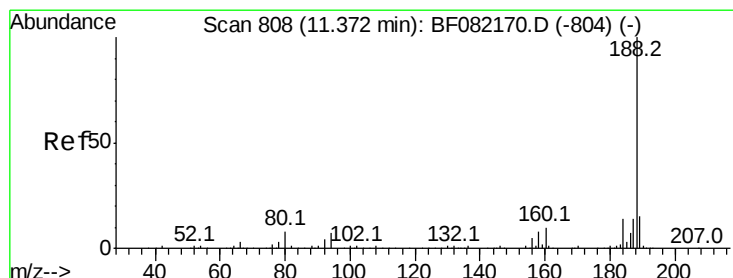
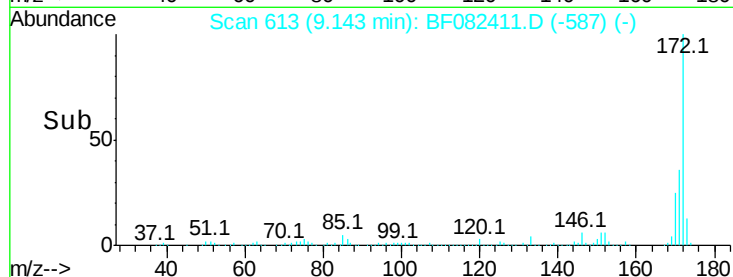
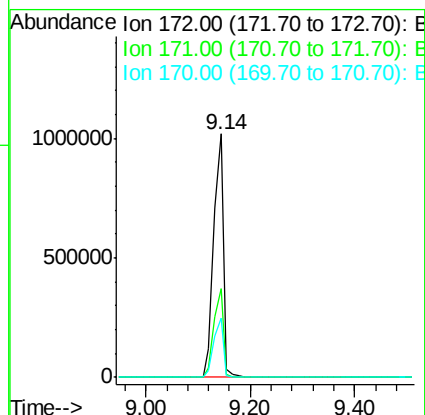
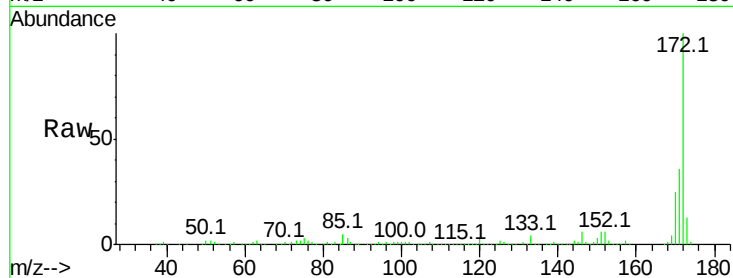


#44
 2-Fluorobiphenyl
 Concen: 92.75 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082411.D
 Acq: 21 Oct 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :
 MC-MASTER-WALL-SOIL-EAST

Tot Ion:172 Resp: 1320827

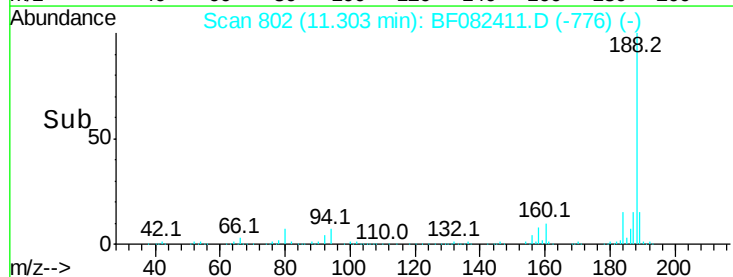
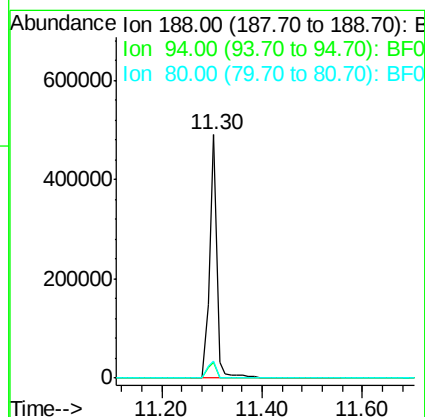
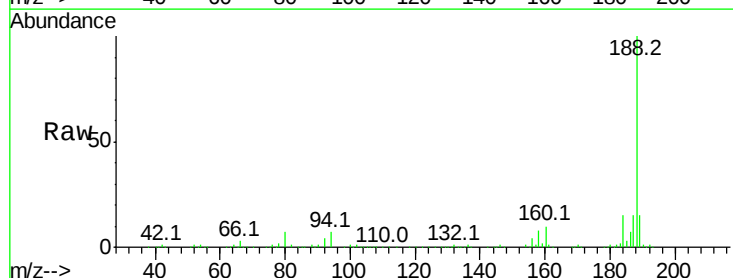
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.5	19.7	29.5

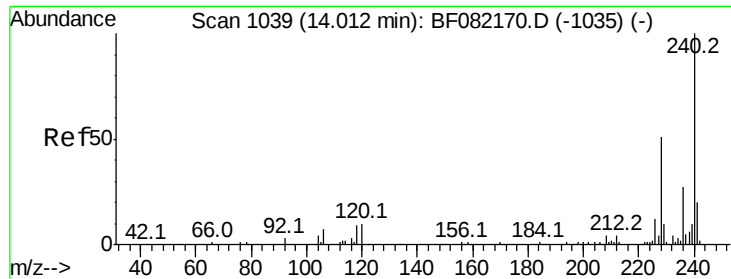


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF082411.D
 Acq: 21 Oct 2015 18:32

Tgt Ion:188 Resp: 491367

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.6
80	7.1	6.4	9.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082411.D

Acq: 21 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

MC-MASTER-WALL-SOIL-EAST

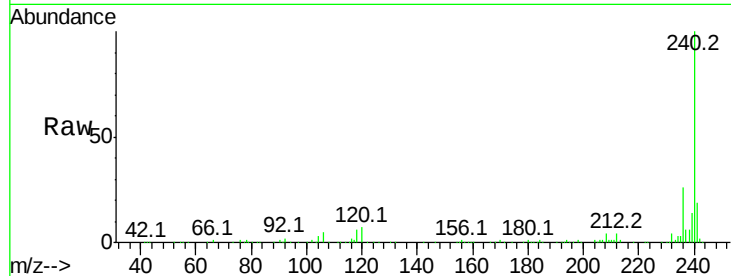
Tot Ion:240 Resp: 429355

Ion Ratio Lower Upper

240 100

120 6.7 8.1 12.1#

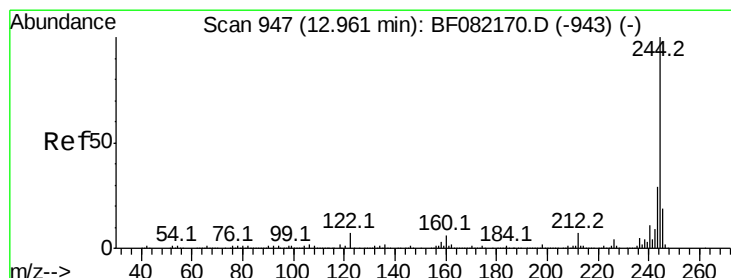
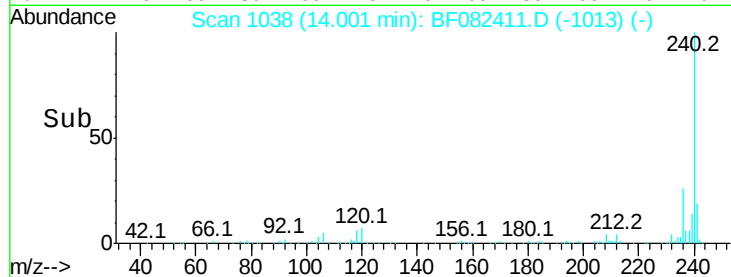
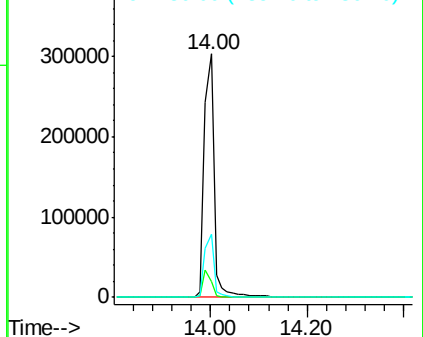
236 25.9 21.3 31.9



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: 85.06 ng

RT: 12.90 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF082411.D

Acq: 21 Oct 2015 18:32

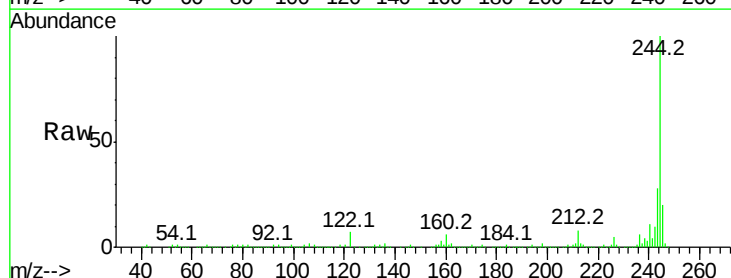
Tgt Ion:244 Resp: 1378238

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

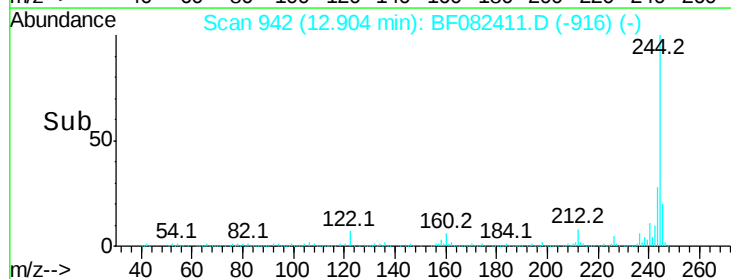
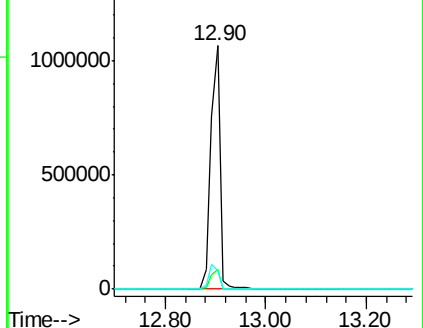
122 7.5 5.9 8.9

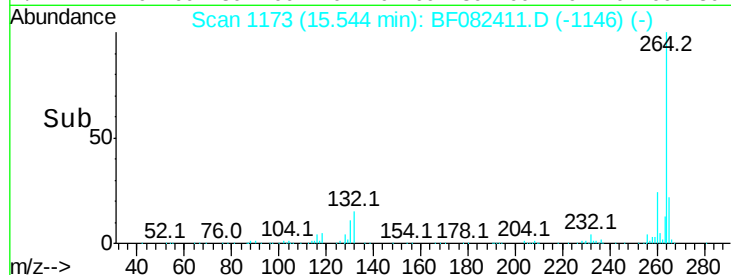
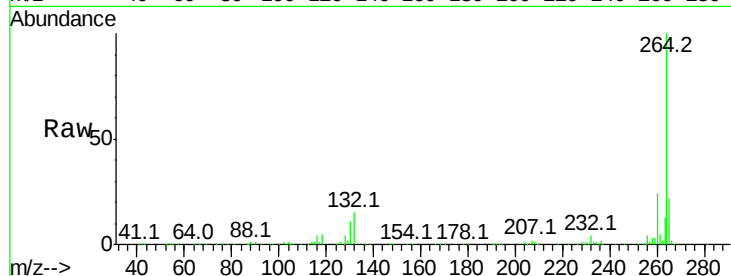
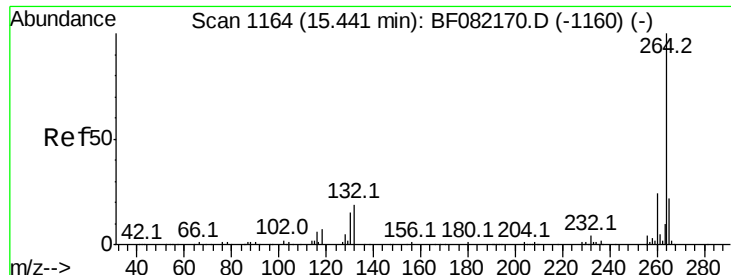


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF082411.D
Acq: 21 Oct 2015 18:32

Instrument :
BNA_F
ClientSampleId :
MC-MASTER-WALL-SOIL-EAST

Tot Ion:	264	Resp:	300170
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.6
265	21.7	17.3	25.9

