

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082445.D
 Acq On : 22 Oct 2015 11:57
 Operator : UM/IZ
 Sample : G4111-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Quant Time: Oct 22 14:52:02 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

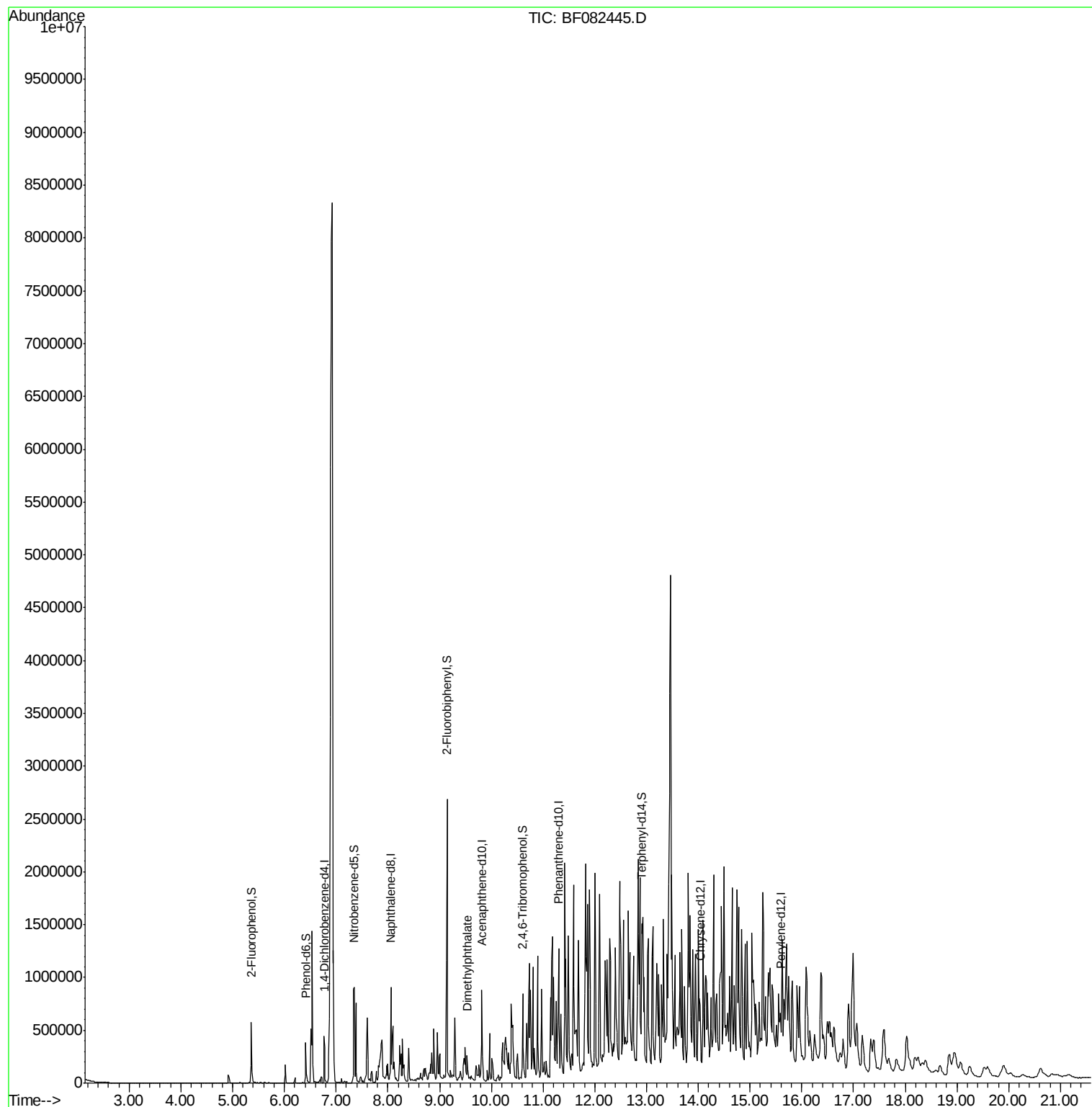
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102770	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	422521	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	173928	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	252095	20.00	ng	0.00
75) Chrysene-d12	14.04	240	248263	20.00	ng	0.02
86) Perylene-d12	15.59	264	232929	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	187021	36.73	ng	0.00
7) Phenol-d6	6.41	99	145386	21.94	ng	-0.01
23) Nitrobenzene-d5	7.35	82	483627	76.87	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	86233	52.87	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	950240	90.60	ng	0.00
78) Terphenyl-d14	12.90	244	381162	40.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	25382	2.07	ng	Qvalue 99

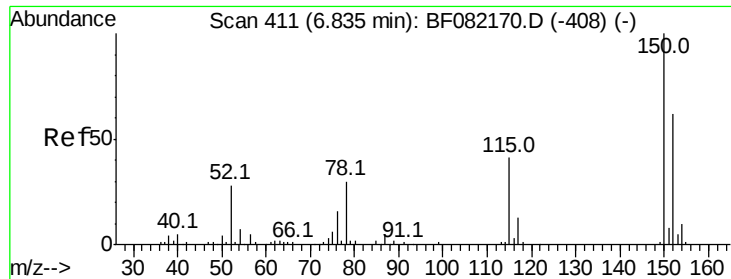
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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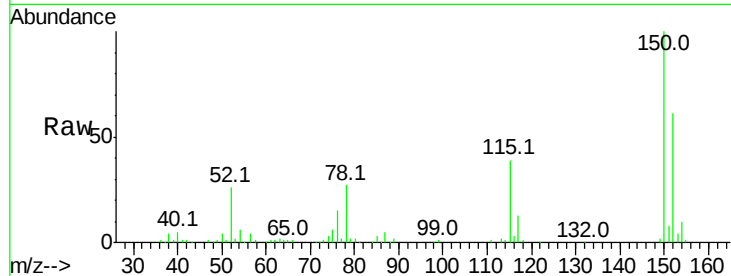


#1

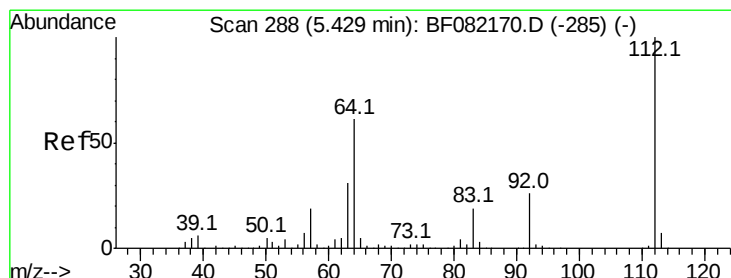
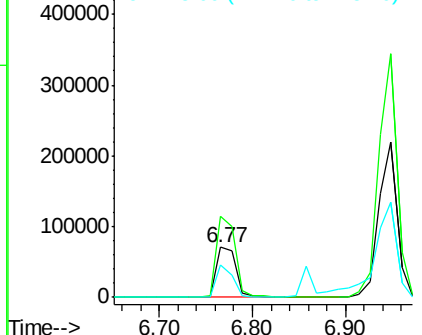
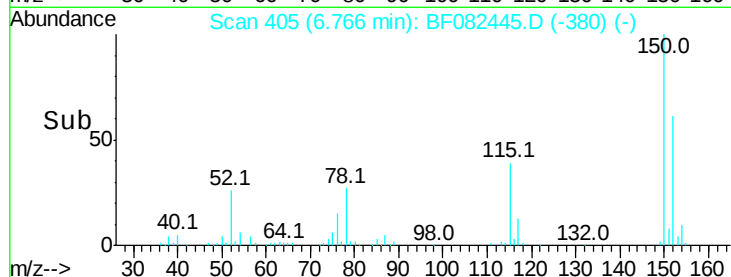
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tot Ion:152 Resp: 102770
 Ion Ratio Lower Upper
 152 100
 150 162.8 129.0 193.4
 115 64.2 52.1 78.1



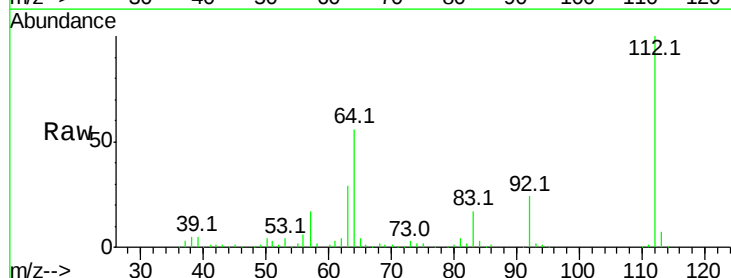
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



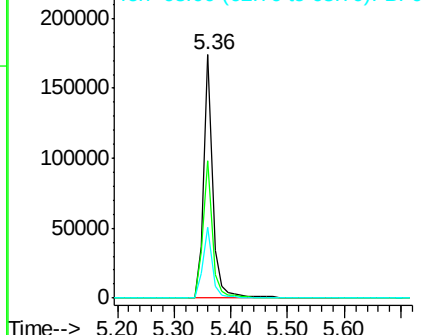
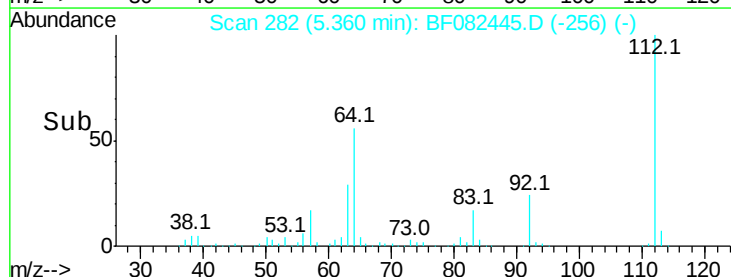
#5

2-Fluorophenol
 Concen: 36.73 ng
 RT: 5.36 min Scan# 282
 Delta R.T. 0.00 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Tgt Ion:112 Resp: 187021
 Ion Ratio Lower Upper
 112 100
 64 56.3 48.6 73.0
 63 28.8 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: 21.94 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

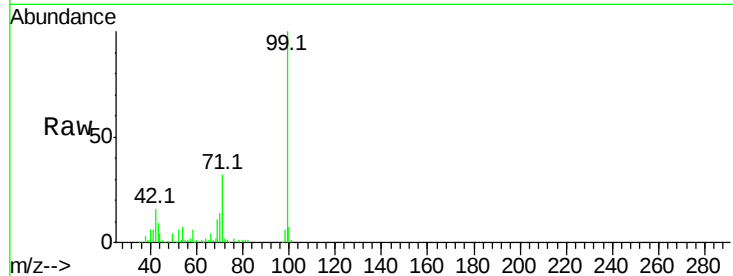
Tot Ion: 99 Resp: 145386

Ion Ratio Lower Upper

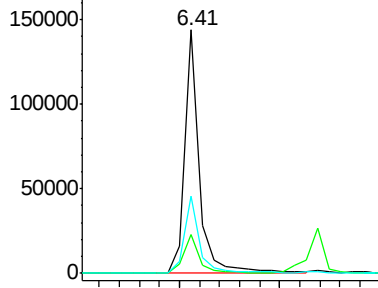
99 100

42 16.0 13.2 19.8

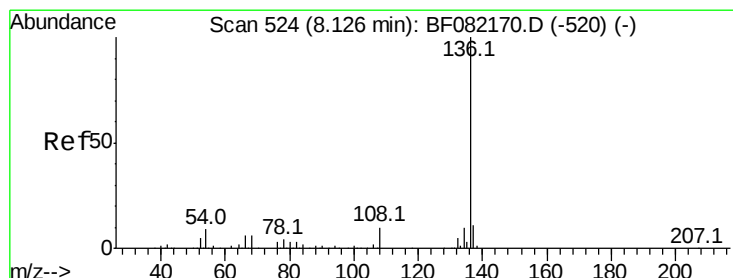
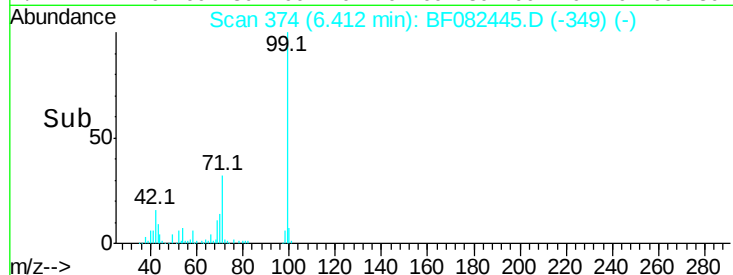
71 31.6 25.6 38.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Tgt Ion: 136 Resp: 422521

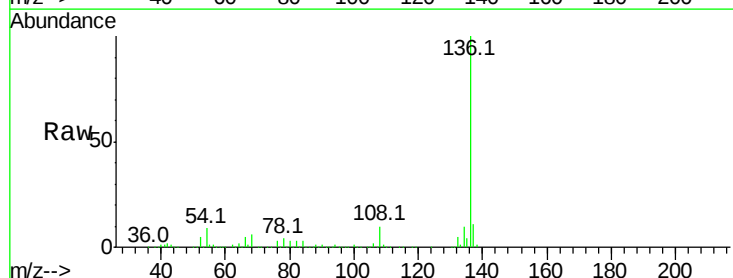
Ion Ratio Lower Upper

136 100

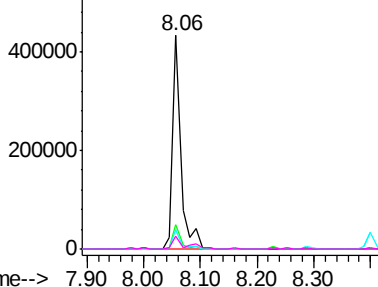
137 11.3 9.0 13.6

54 9.1 7.5 11.3

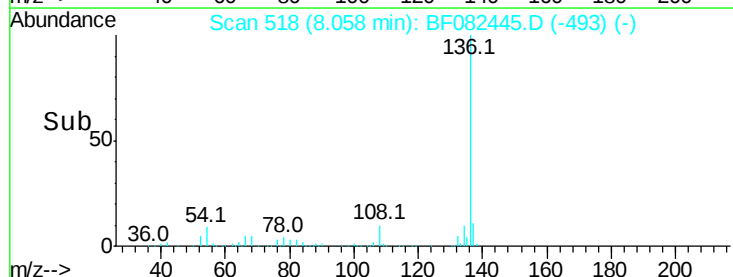
68 5.7 4.6 7.0

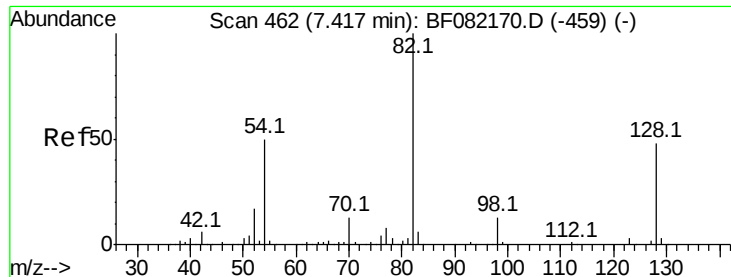


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



Time-->

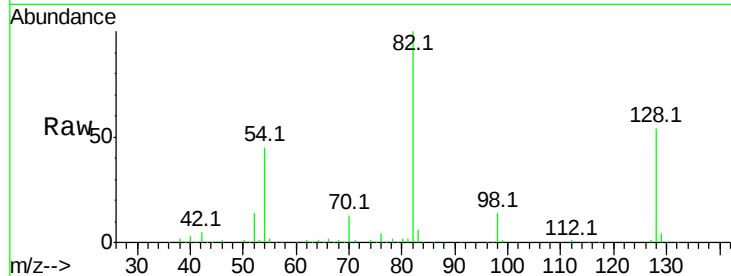




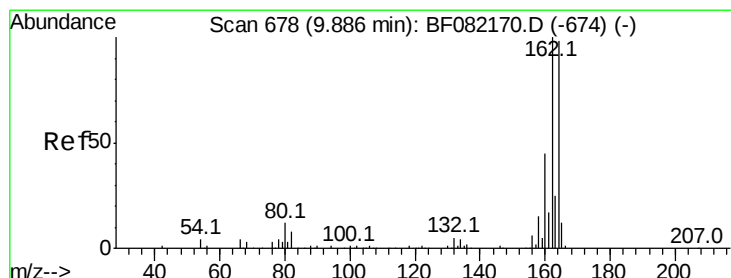
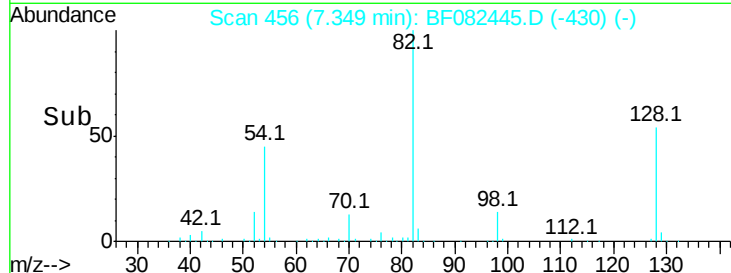
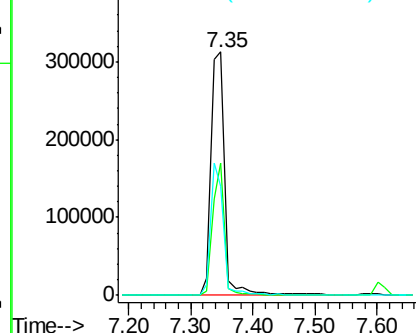
#23
 Nitrobenzene-d5
 Concen: 76.87 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tot Ion: 82 Resp: 483627
 Ion Ratio Lower Upper
 82 100
 128 54.4 38.7 58.1
 54 45.0 40.1 60.1

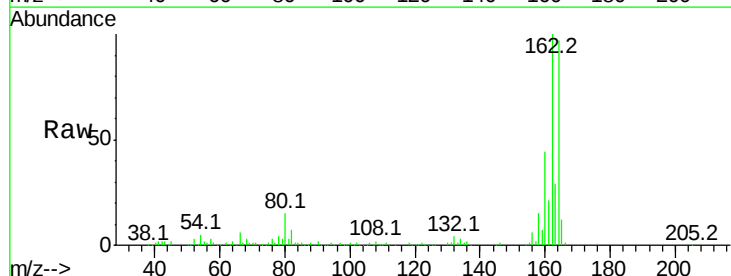


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

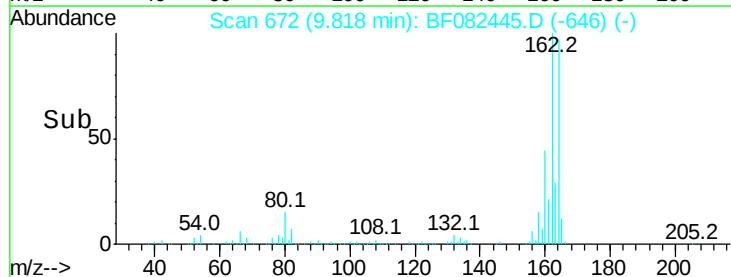
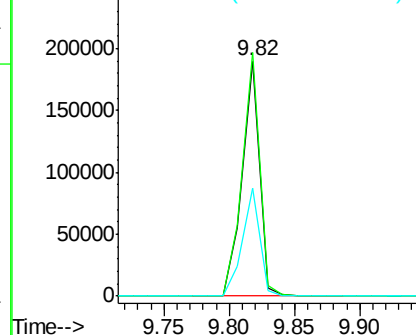


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Tgt Ion:164 Resp: 173928
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.6 122.4
 160 45.9 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

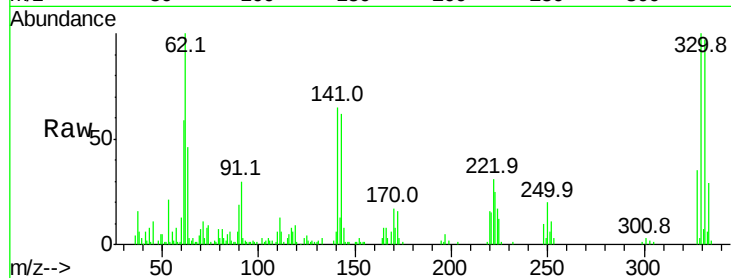




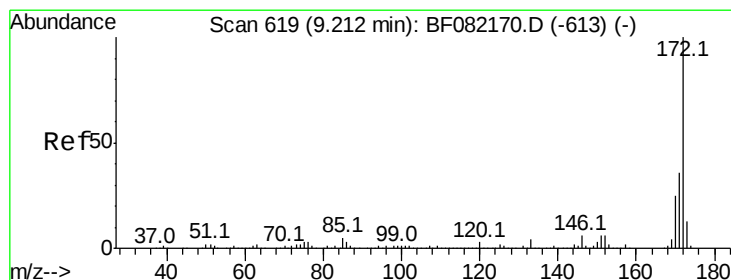
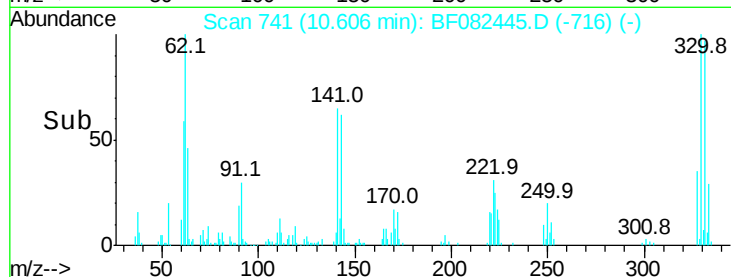
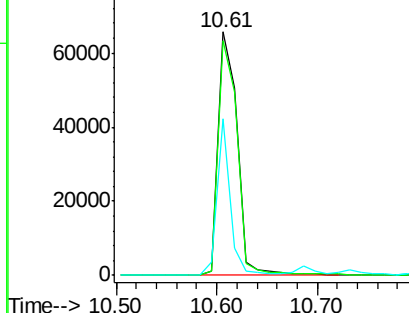
#41
 2,4,6-Tribromophenol
 Concen: 52.87 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tot Ion:330 Resp: 86233
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.1 115.7
 141 44.5 29.8 44.8

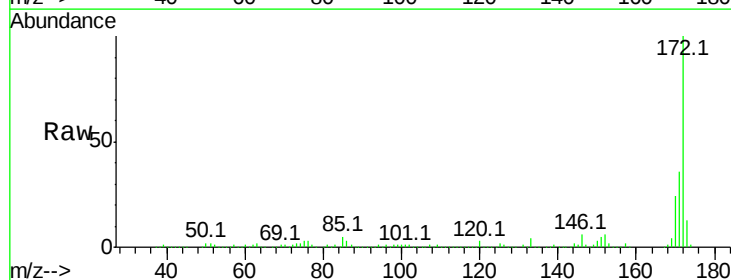


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

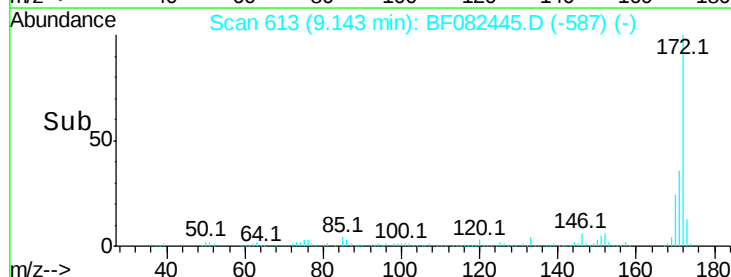
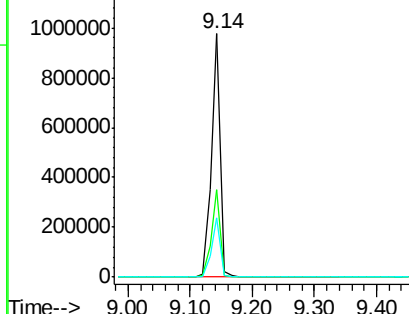


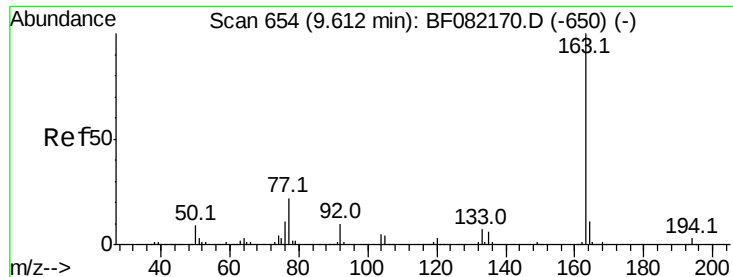
#44
 2-Fluorobiphenyl
 Concen: 90.60 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Tgt Ion:172 Resp: 950240
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 24.3 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





#49

Dimethylphthalate

Concen: 2.07 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

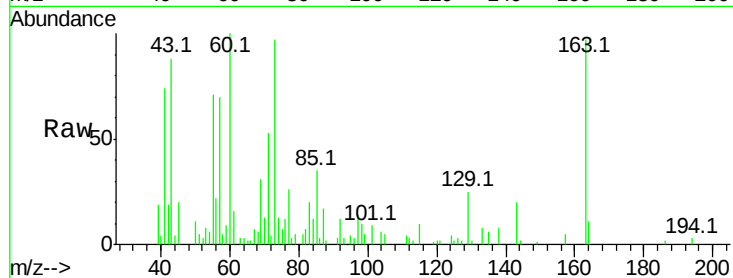
Tot Ion:163 Resp: 25382

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

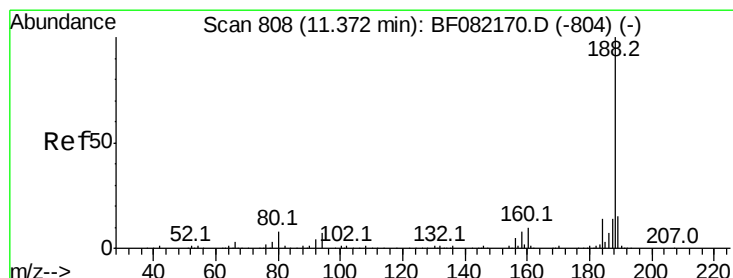
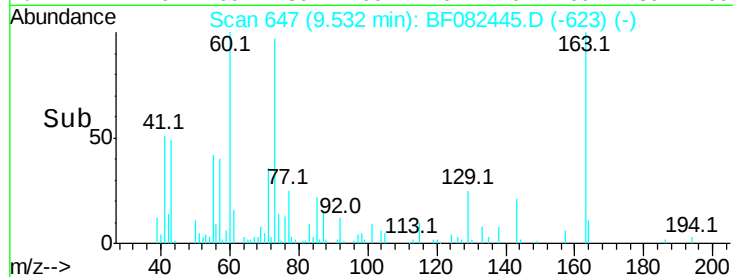
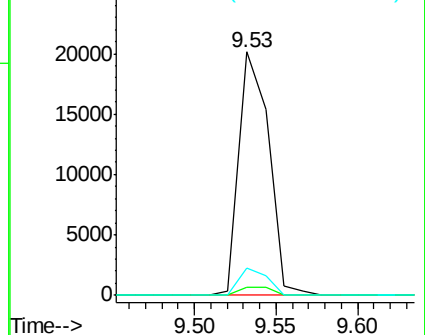
164 11.3 8.5 12.7



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: 11.30 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

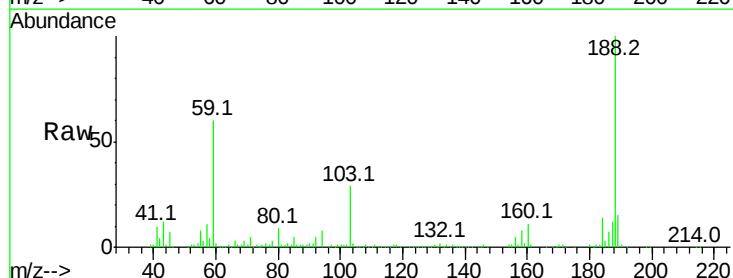
Tgt Ion:188 Resp: 252095

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

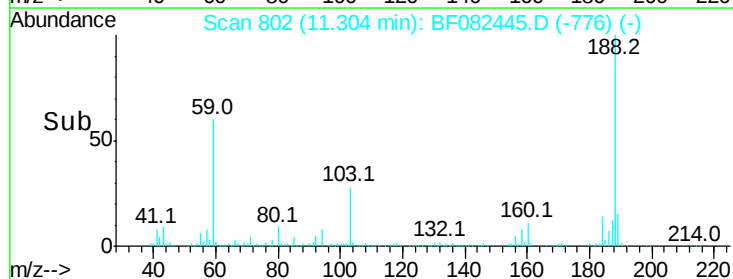
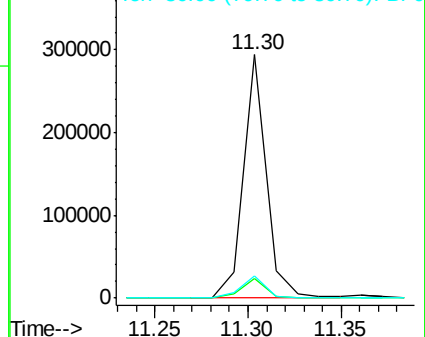
80 9.0 6.4 9.6

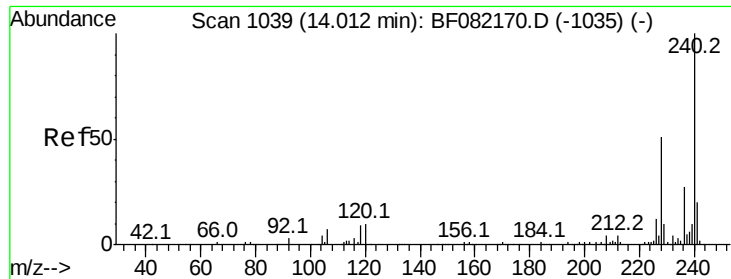


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

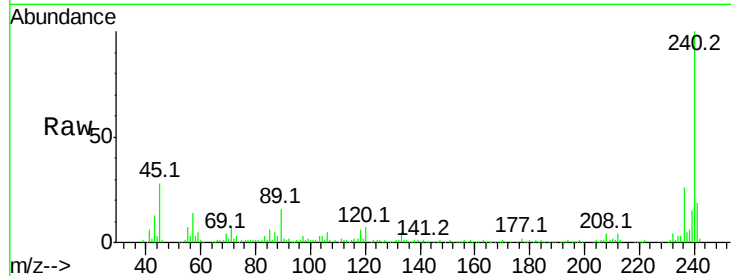
Tot Ion:240 Resp: 248263

Ion Ratio Lower Upper

240 100

120 6.8 8.1 12.1#

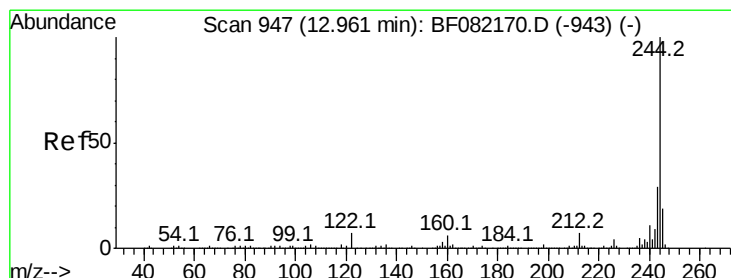
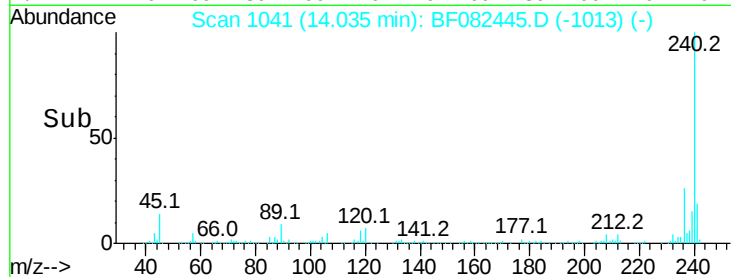
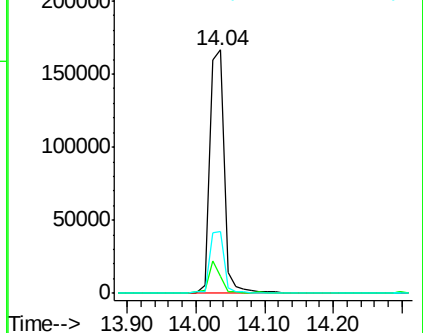
236 25.6 21.3 31.9



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: 40.68 ng

RT: 12.90 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

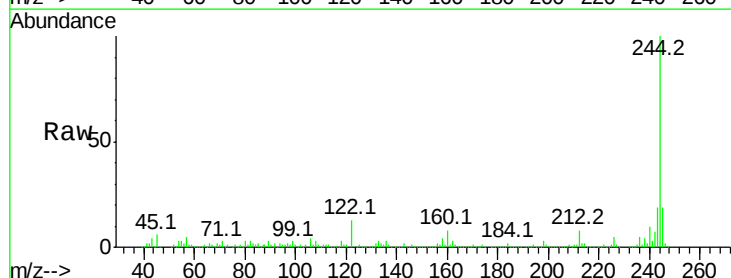
Tgt Ion:244 Resp: 381162

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

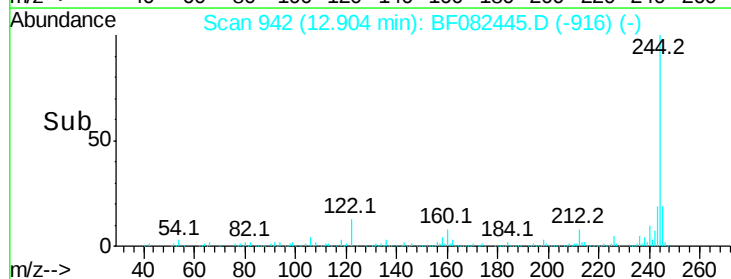
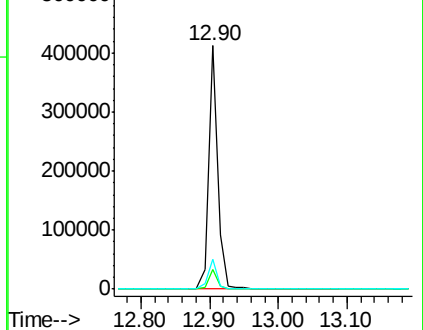
122 12.5 5.9 8.9#

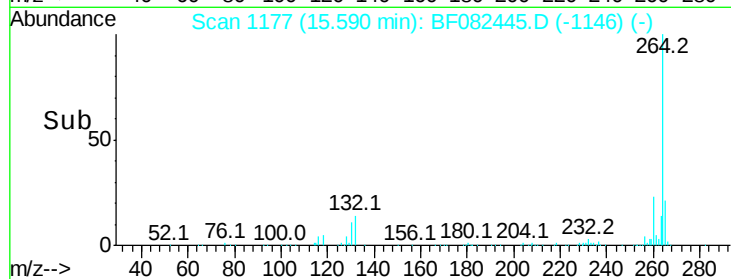
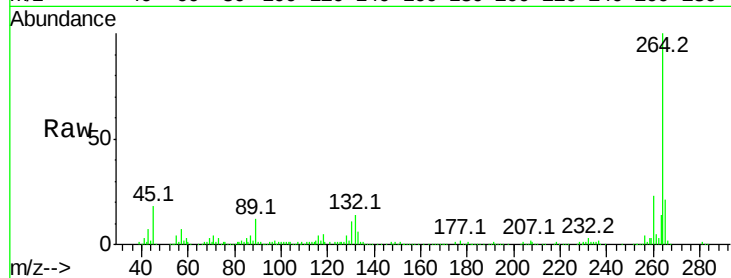
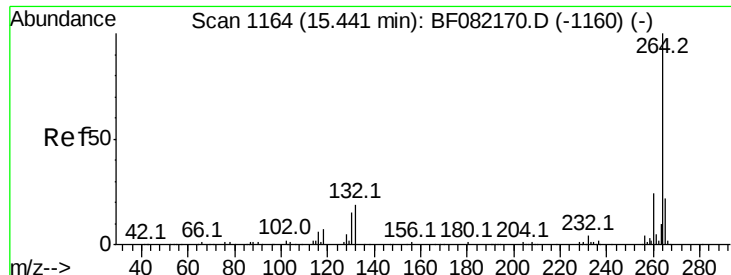


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 1177
 Delta R.T. 0.06 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	20.7	17.3	25.9

