

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082465.D
 Acq On : 23 Oct 2015 00:51
 Operator : UM/IZ
 Sample : G4119-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Quant Time: Oct 23 04:00:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

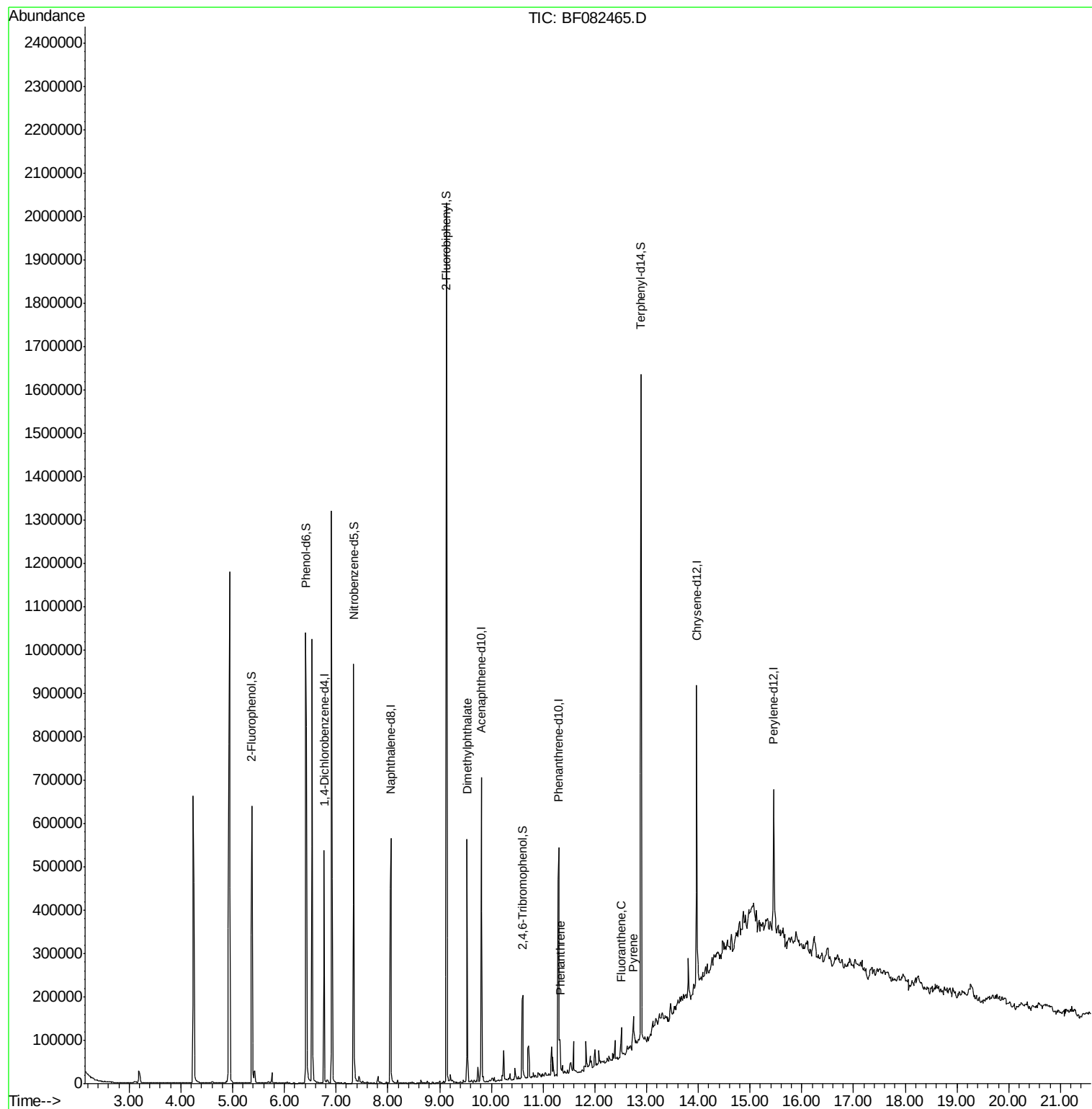
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	100393	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	375766	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	169690	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	299373	20.00	ng	0.00
75) Chrysene-d12	13.97	240	258035	20.00	ng	-0.03
86) Perylene-d12	15.45	264	180188	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	228960	46.03	ng	0.01
7) Phenol-d6	6.41	99	518552	80.11	ng	-0.01
23) Nitrobenzene-d5	7.34	82	369807	66.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	30695	19.29	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	632459	61.81	ng	-0.01
78) Terphenyl-d14	12.89	244	538528	55.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	220155	18.42	ng	99
70) Phenanthrene	11.33	178	38661	2.63	ng	98
74) Fluoranthene	12.52	202	33144	2.10	ng	98
77) Pyrene	12.74	202	32113	2.10	ng	99

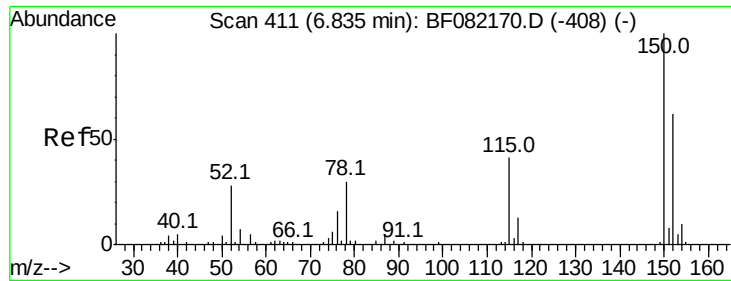
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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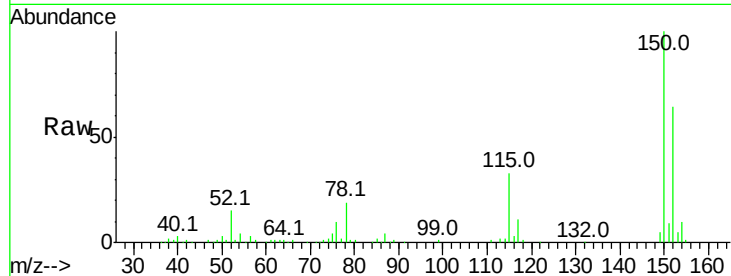


#1

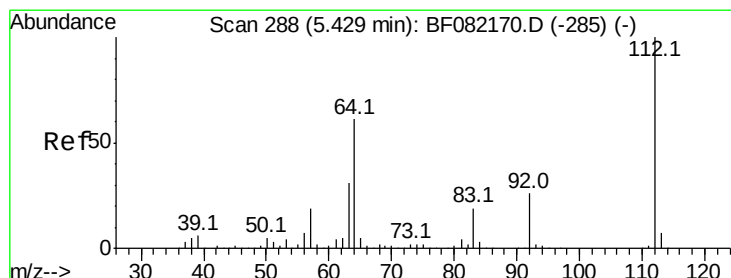
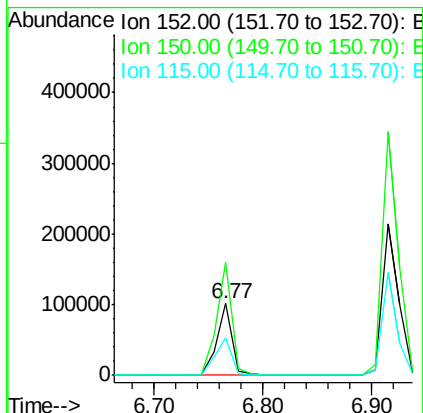
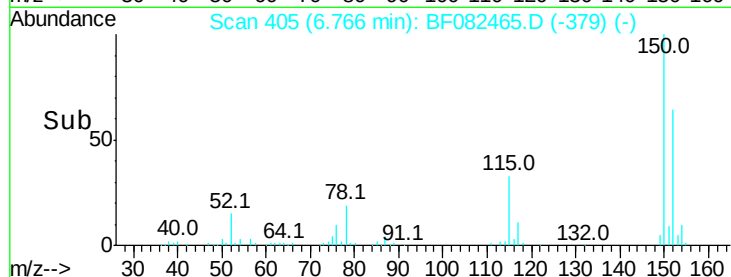
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tot Ion:152 Resp: 100393
Ion Ratio Lower Upper
152 100
150 157.2 129.0 193.4
115 52.2 52.1 78.1



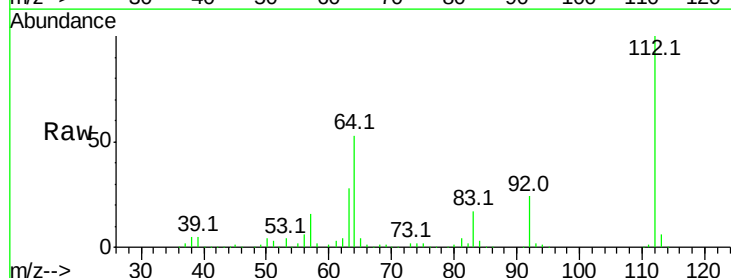
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



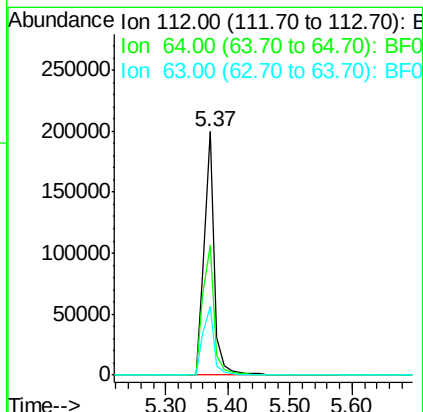
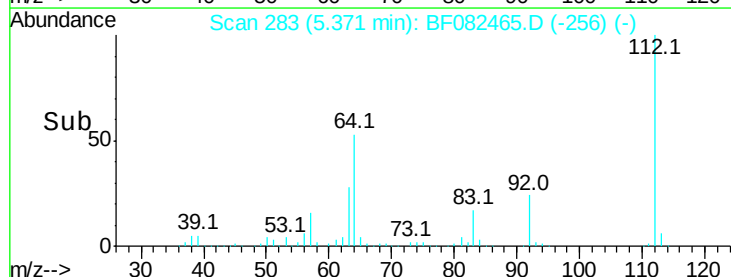
#5

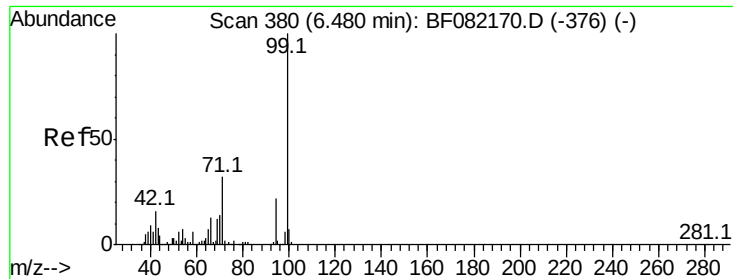
2-Fluorophenol
Concen: 46.03 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:112 Resp: 228960
Ion Ratio Lower Upper
112 100
64 53.4 48.6 73.0
63 27.8 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: 80.11 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082465.D

Acq: 23 Oct 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

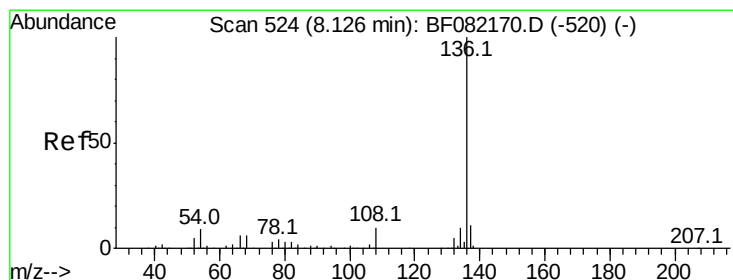
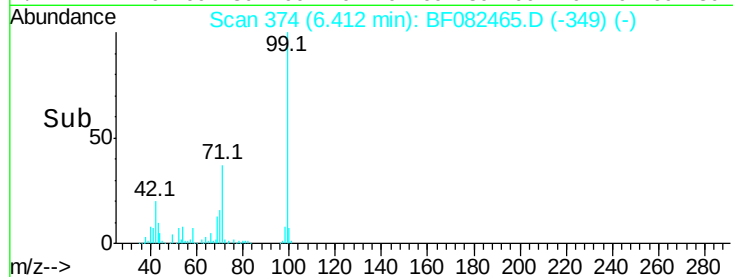
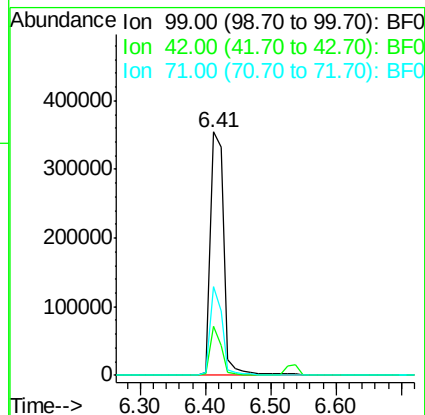
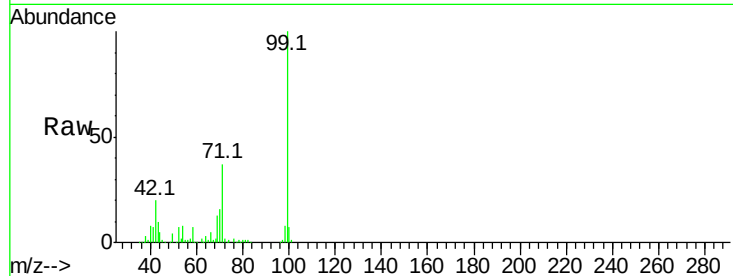
Tot Ion: 99 Resp: 518552

Ion Ratio Lower Upper

99 100

42 20.3 13.2 19.8#

71 36.5 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF082465.D

Acq: 23 Oct 2015 00:51

Tgt Ion: 136 Resp: 375766

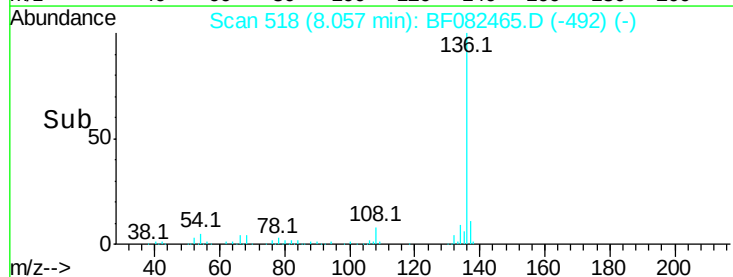
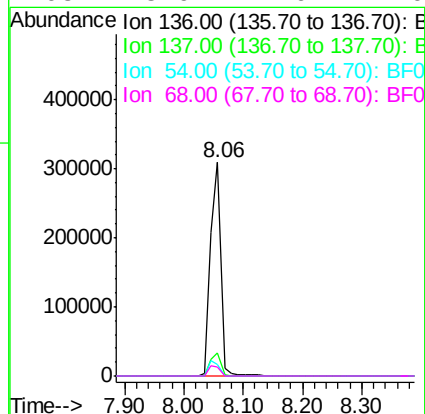
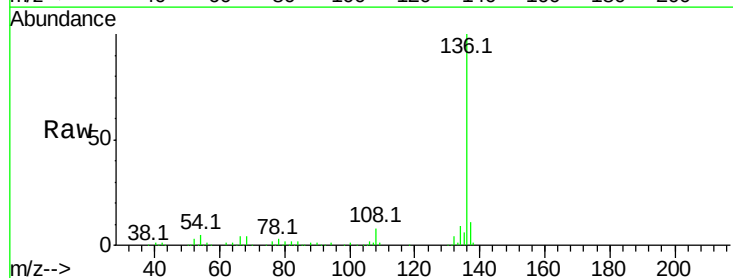
Ion Ratio Lower Upper

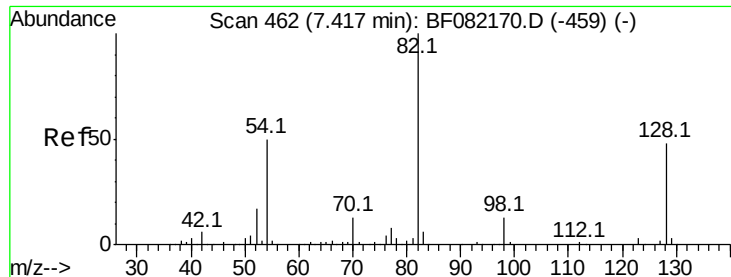
136 100

137 10.6 9.0 13.6

54 5.4 7.5 11.3#

68 3.9 4.6 7.0#

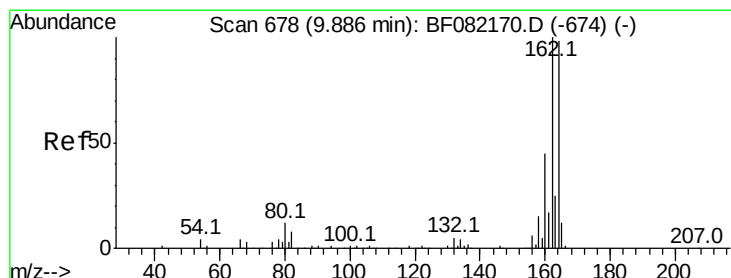
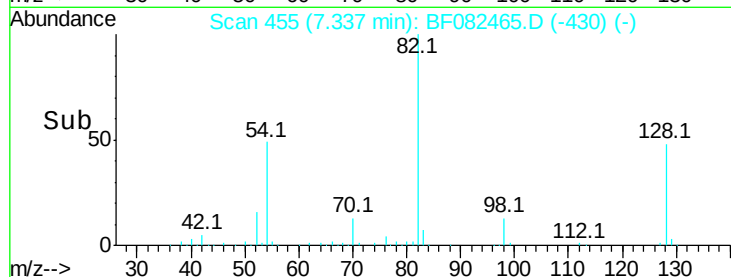
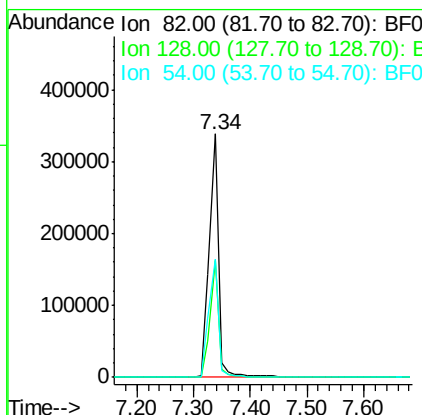
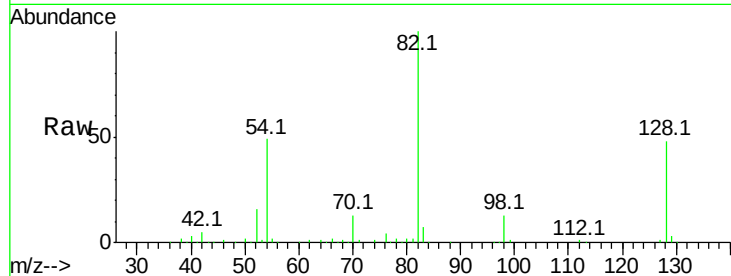




#23
 Nitrobenzene-d5
 Concen: 66.09 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082465.D
 Acq: 23 Oct 2015 00:51

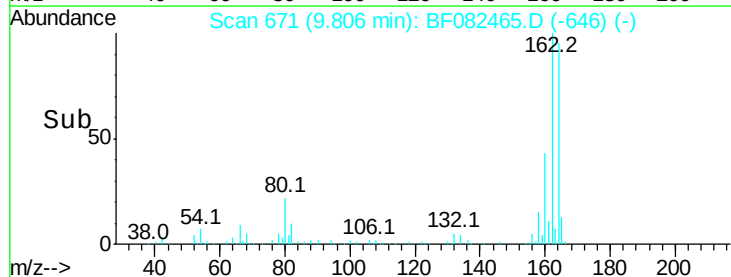
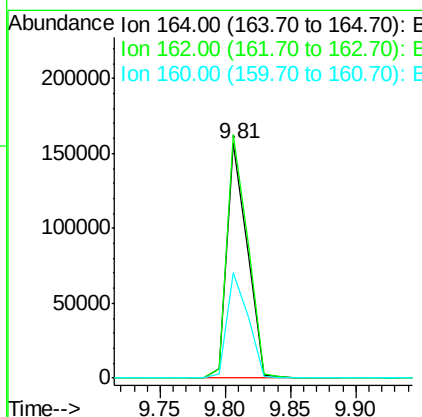
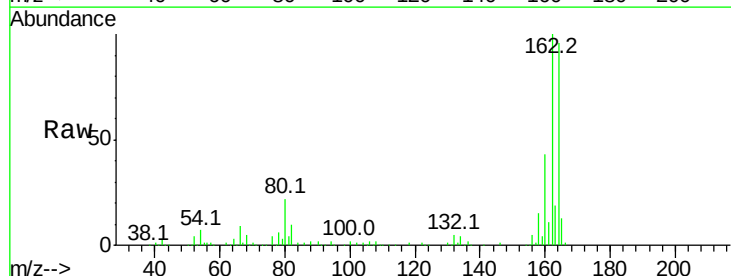
Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

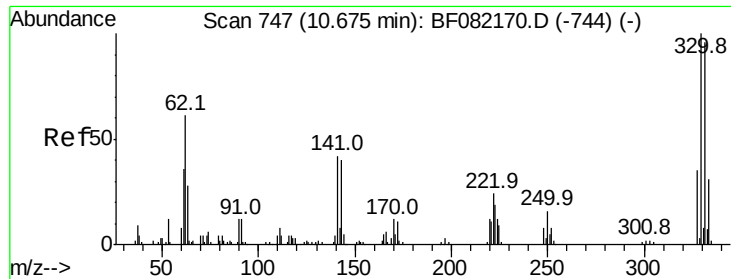
Tot Ion: 82 Resp: 369807
 Ion Ratio Lower Upper
 82 100
 128 48.0 38.7 58.1
 54 48.7 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF082465.D
 Acq: 23 Oct 2015 00:51

Tgt Ion: 164 Resp: 169690
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.6 122.4
 160 44.9 36.4 54.6

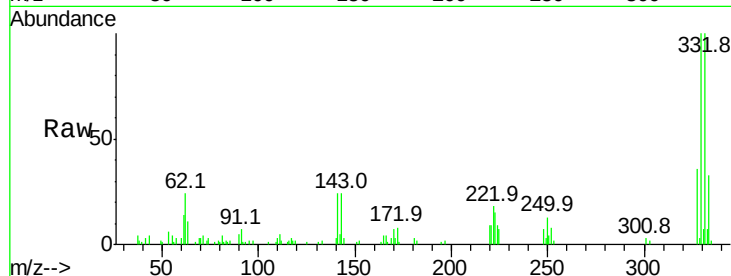




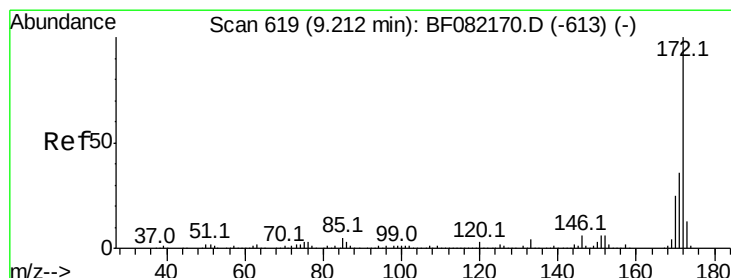
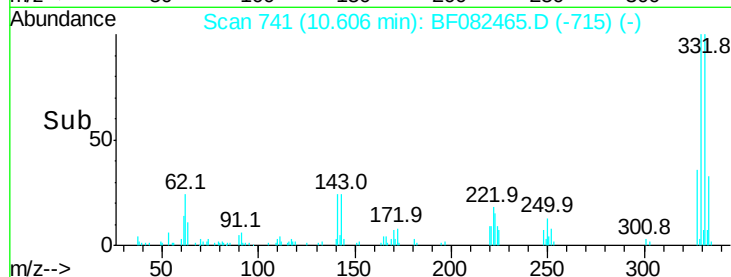
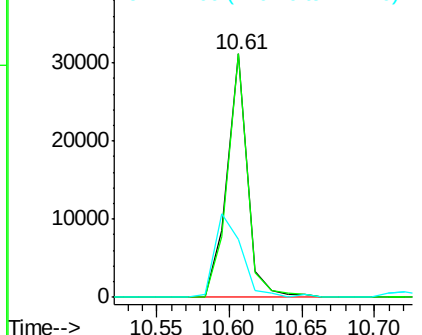
#41
 2,4,6-Tribromophenol
 Concen: 19.29 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF082465.D
 Acq: 23 Oct 2015 00:51

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	45.1	29.8	44.8#

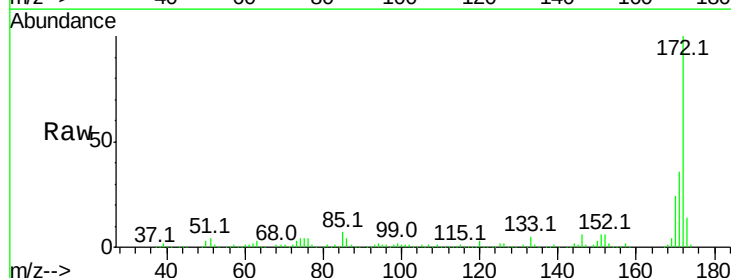


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

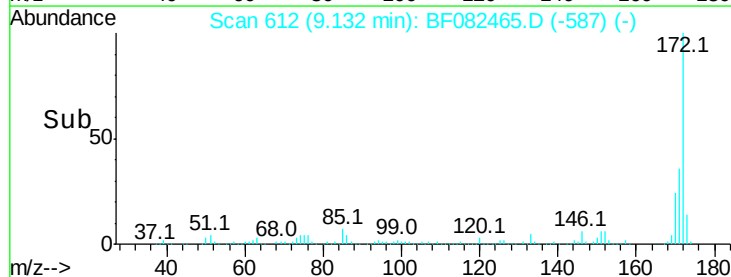
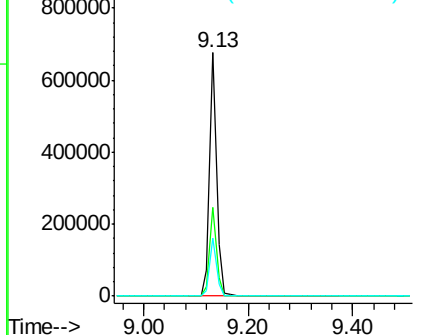


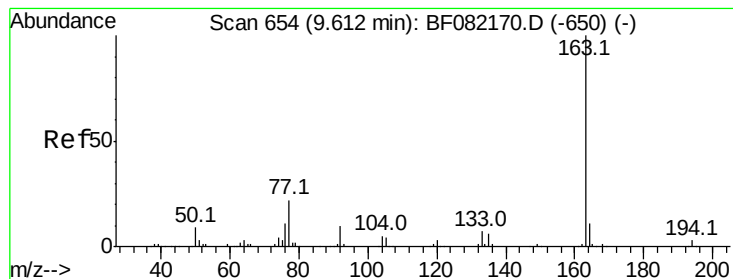
#44
 2-Fluorobiphenyl
 Concen: 61.81 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082465.D
 Acq: 23 Oct 2015 00:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	23.9	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: 18.42 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082465.D

Acq: 23 Oct 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

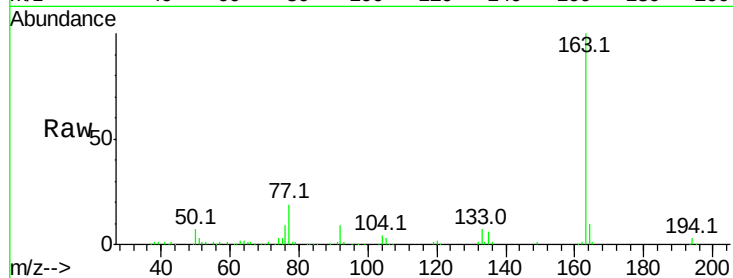
Tot Ion:163 Resp: 220155

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

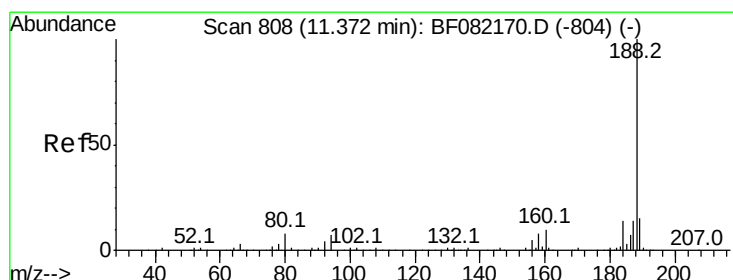
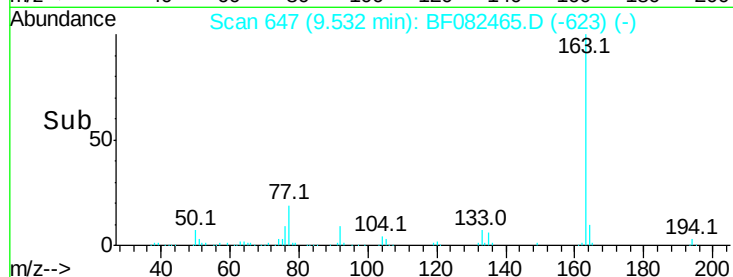
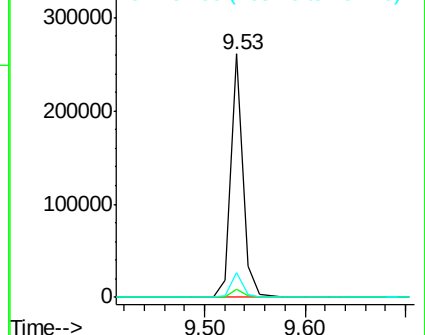
164 10.1 8.5 12.7



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: BF082465.D

Acq: 23 Oct 2015 00:51

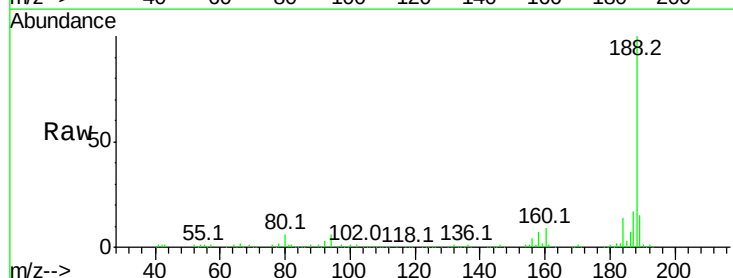
Tgt Ion:188 Resp: 299373

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.6#

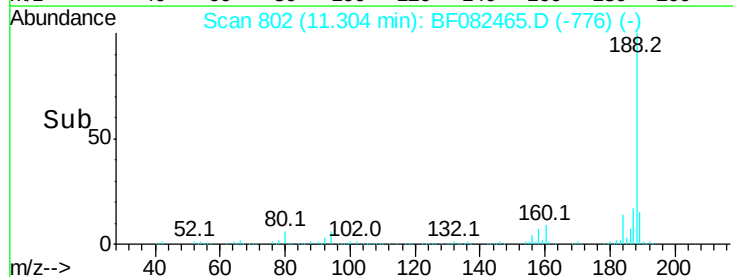
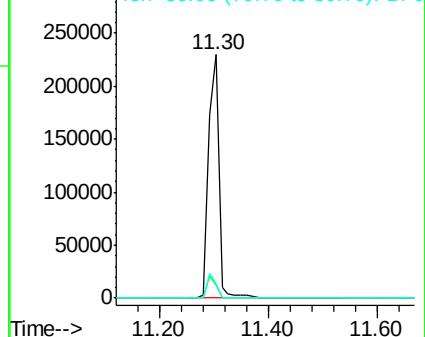
80 5.9 6.4 9.6#

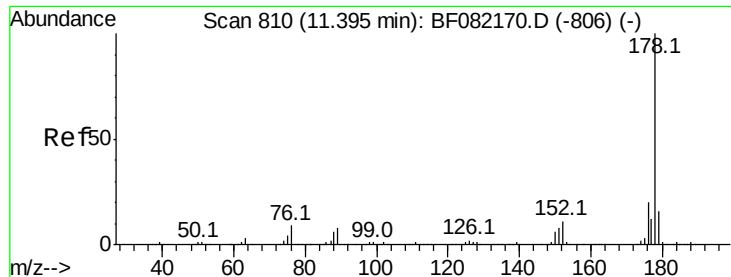


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.63 ng

RT: 11.33 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF082465.D

Acq: 23 Oct 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

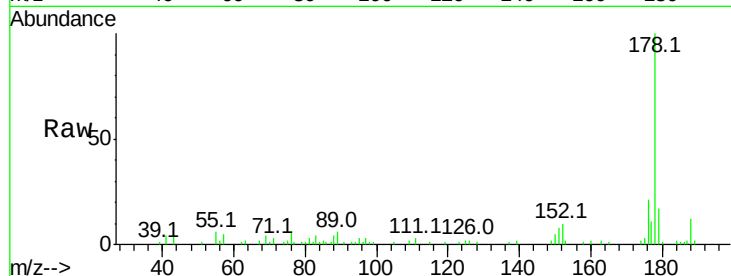
Tot Ion:178 Resp: 38661

Ion Ratio Lower Upper

178 100

176 21.0 16.0 24.0

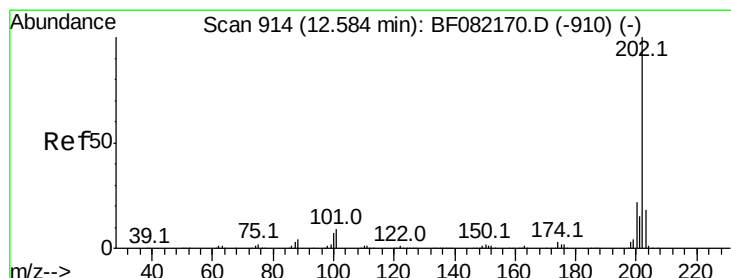
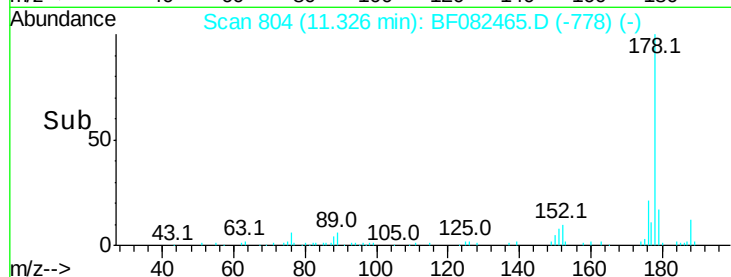
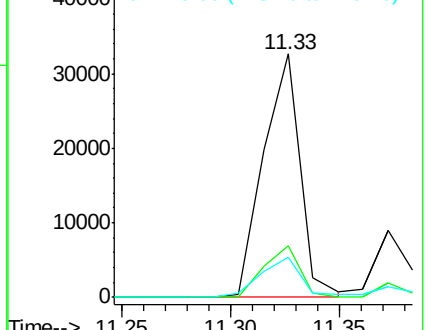
179 16.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.10 ng

RT: 12.52 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF082465.D

Acq: 23 Oct 2015 00:51

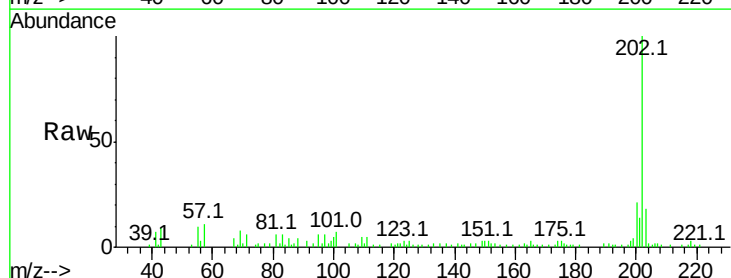
Tgt Ion:202 Resp: 33144

Ion Ratio Lower Upper

202 100

101 7.1 0.0 29.3

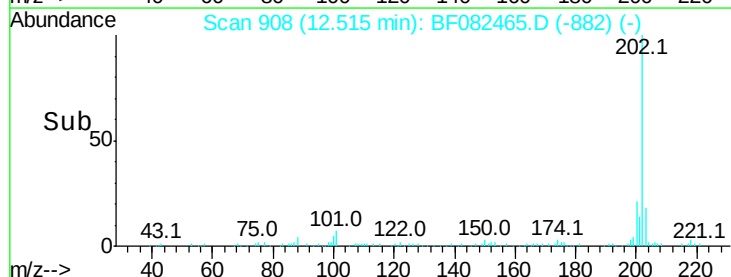
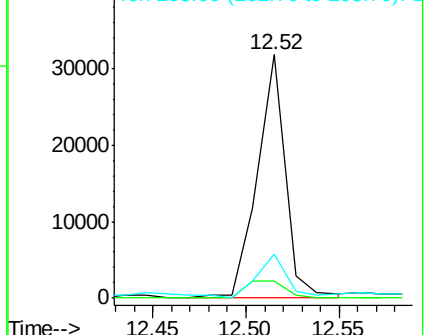
203 18.0 0.0 37.8

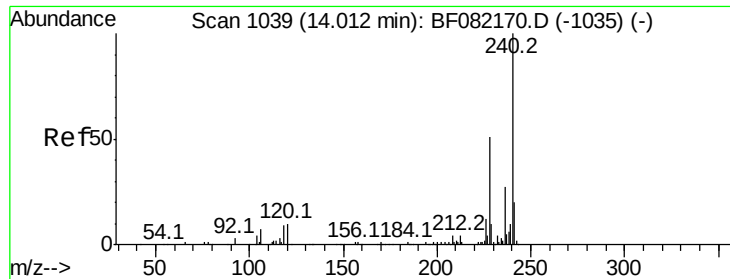


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF082465.D

Acq: 23 Oct 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

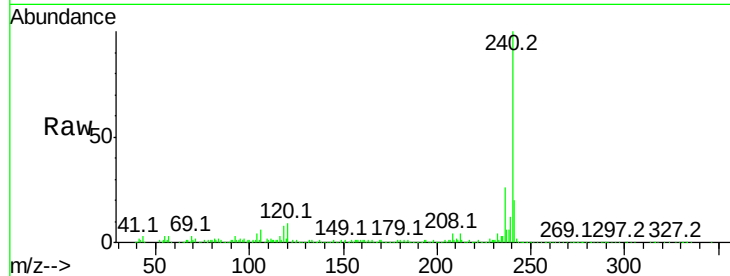
Tot Ion:240 Resp: 258035

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

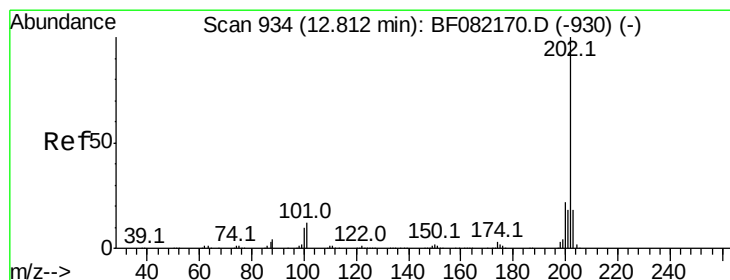
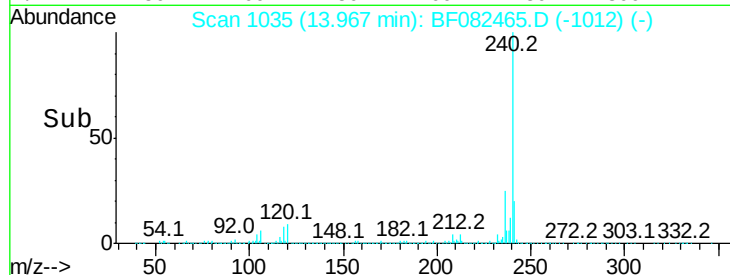
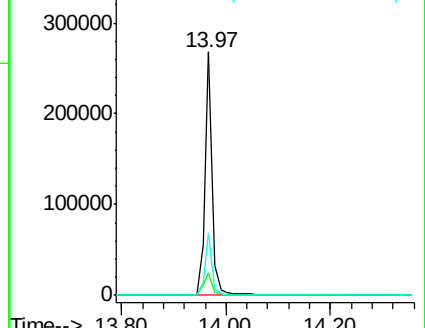
236 25.6 21.3 31.9



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



#77

Pyrene

Concen: 2.10 ng

RT: 12.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF082465.D

Acq: 23 Oct 2015 00:51

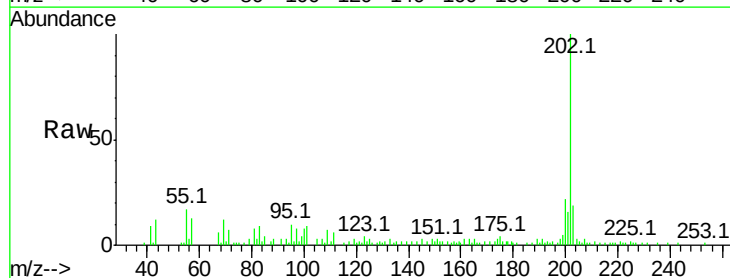
Tgt Ion:202 Resp: 32113

Ion Ratio Lower Upper

202 100

200 21.7 17.9 26.9

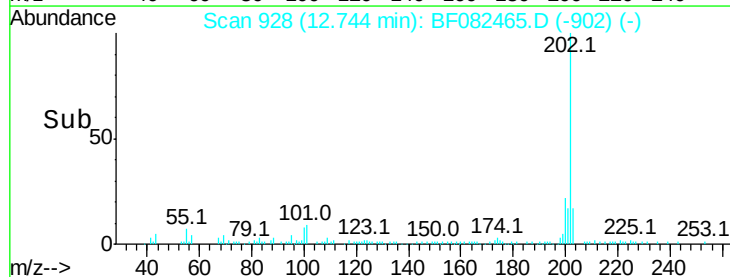
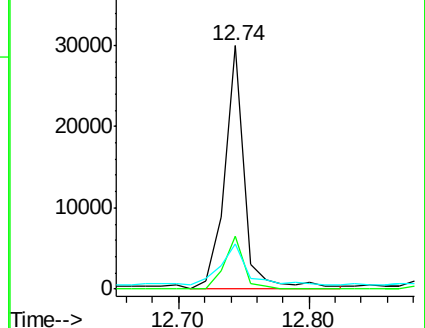
203 18.8 14.5 21.7

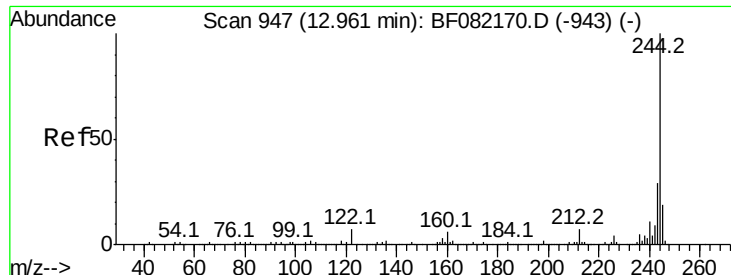


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

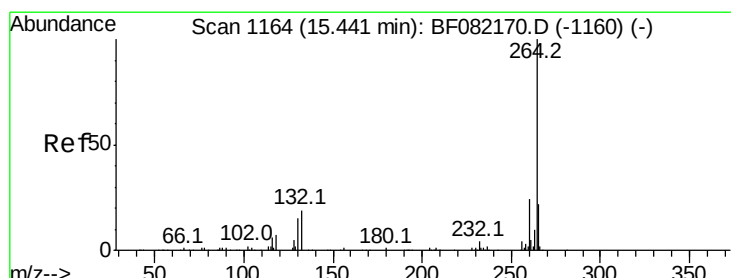
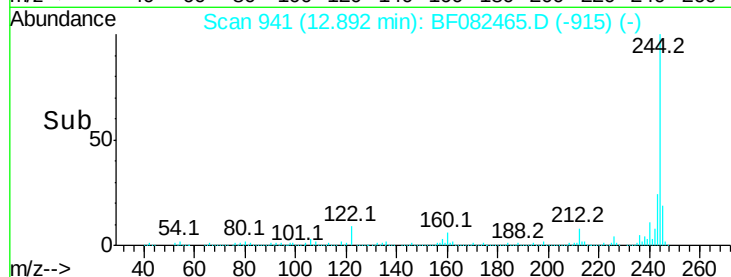
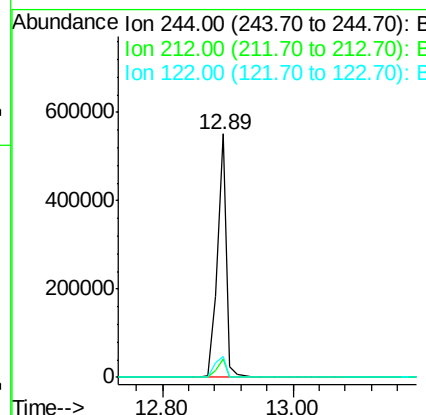
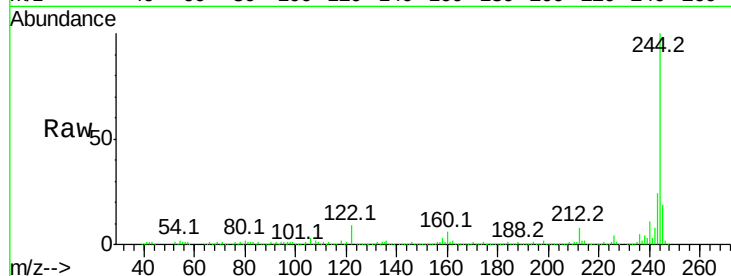




#78
 Terphenyl-d14
 Concen: 55.30 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF082465.D
 Acq: 23 Oct 2015 00:51

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Tot Ion:244 Resp: 538528
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 8.5 5.9 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1165
 Delta R.T. -0.08 min
 Lab File: BF082465.D
 Acq: 23 Oct 2015 00:51

Tgt Ion:264 Resp: 180188
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 22.2 17.3 25.9

