

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082281.D
 Acq On : 14 Oct 2015 15:59
 Operator : UM/IZ
 Sample : G4015-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CW-1

Quant Time: Oct 15 03:01:35 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

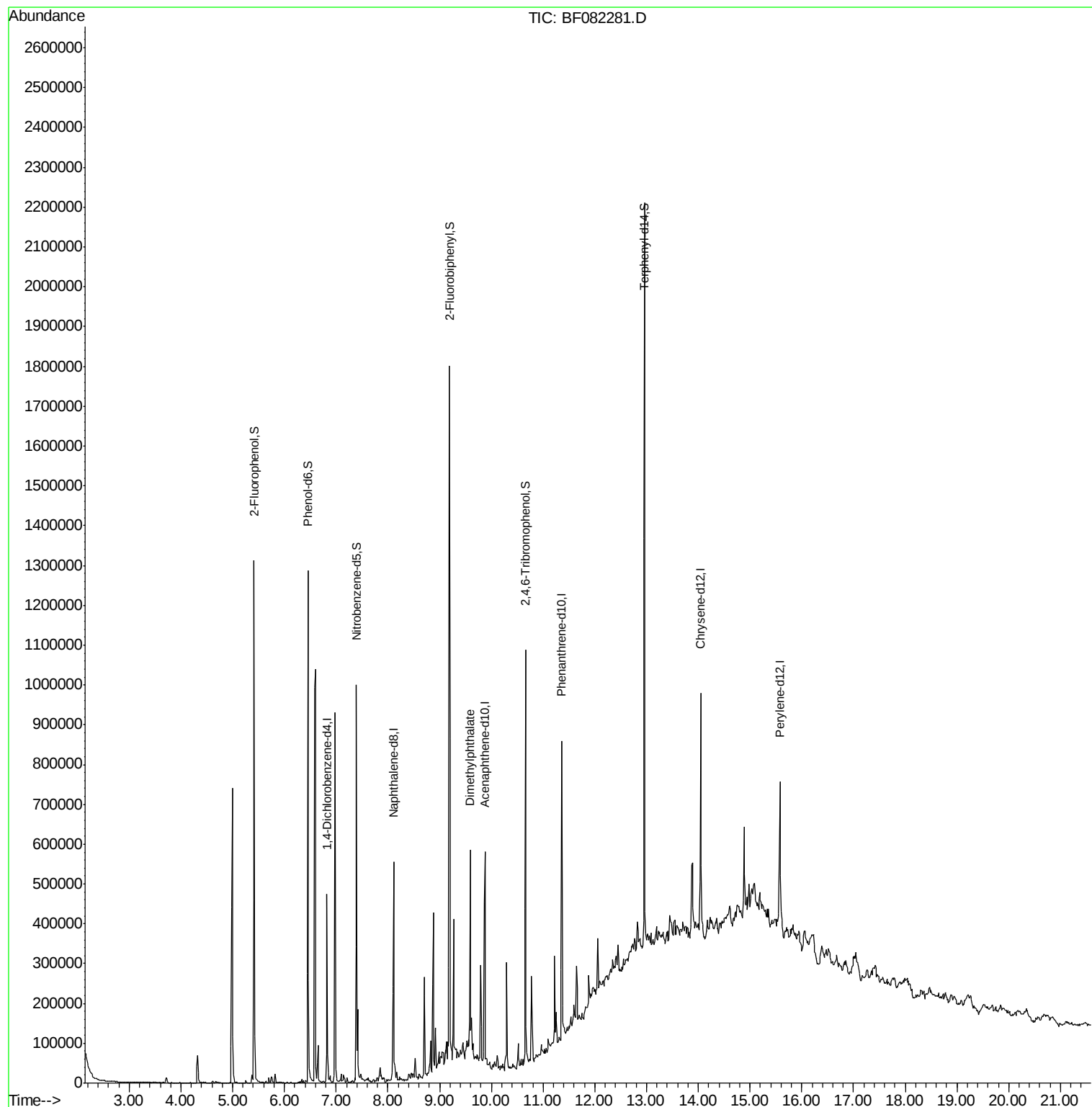
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75516	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	292693	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148710	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	298725	20.00	ng	0.00
75) Chrysene-d12	14.05	240	246182	20.00	ng	-0.08
86) Perylene-d12	15.58	264	177180	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	384818	102.85	ng	0.01
7) Phenol-d6	6.46	99	471880	96.91	ng	-0.01
23) Nitrobenzene-d5	7.39	82	366967	84.20	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	137045	98.27	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	695246	77.53	ng	-0.01
78) Terphenyl-d14	12.96	244	760525	81.86	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.59	163	191584	18.30	ng	Qvalue 99

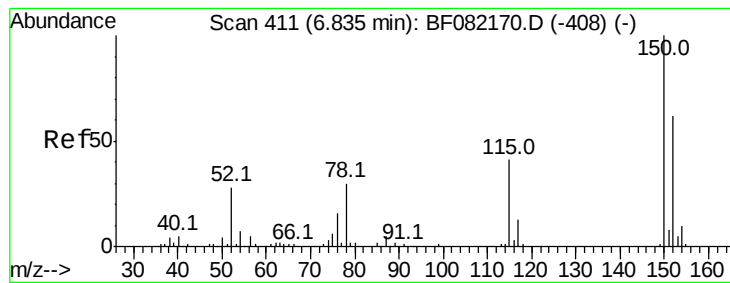
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

CW-1

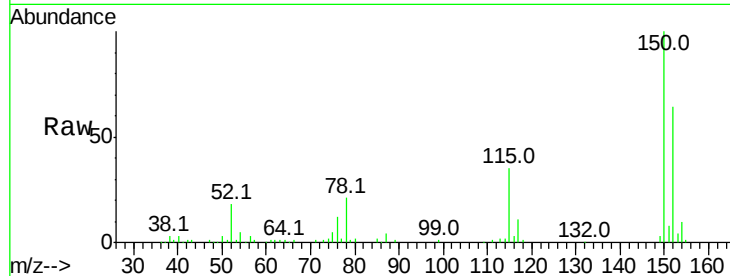
Tot Ion:152 Resp: 75516

Ion Ratio Lower Upper

152 100

150 156.5 129.0 193.4

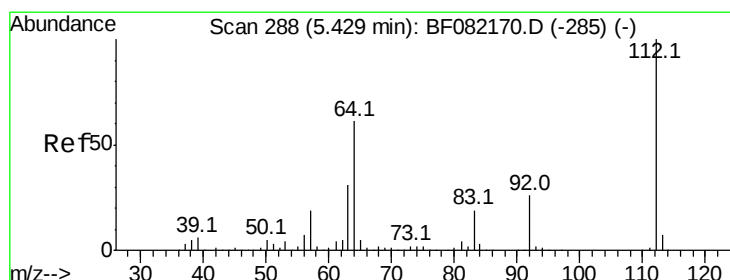
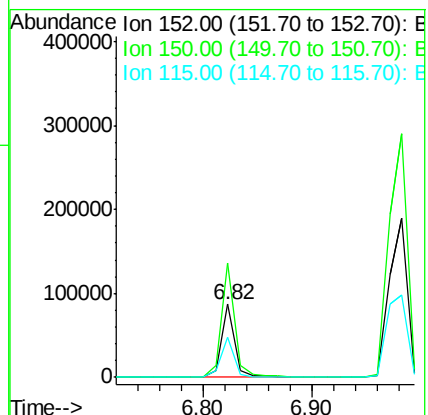
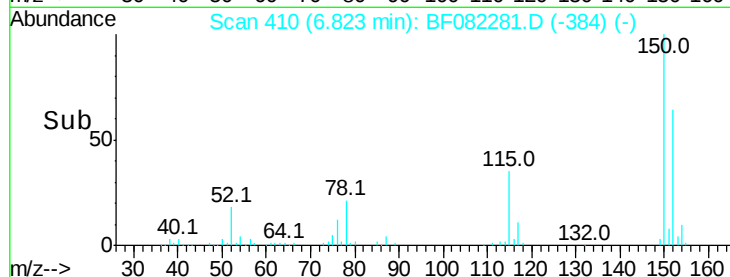
115 55.4 52.1 78.1



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: 102.85 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

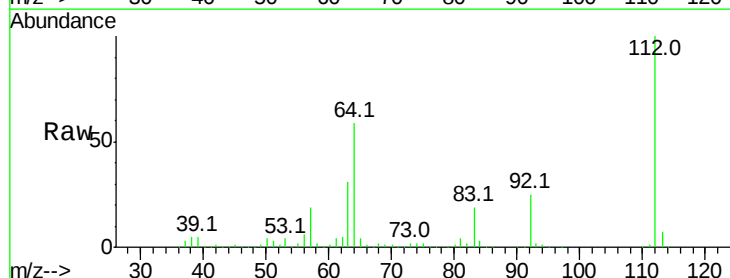
Tgt Ion:112 Resp: 384818

Ion Ratio Lower Upper

112 100

64 59.0 48.6 73.0

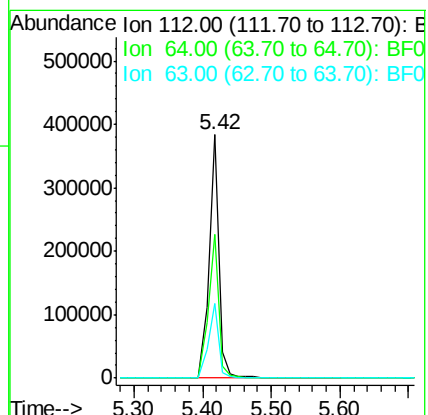
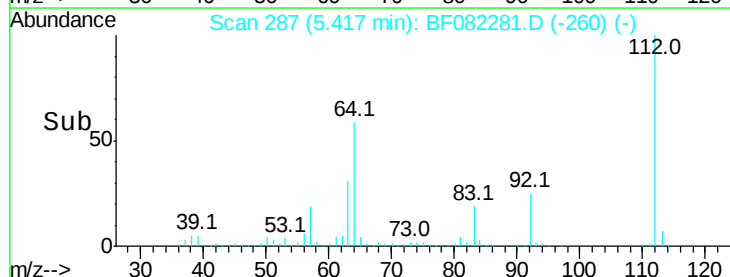
63 30.7 25.1 37.7



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: 96.91 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

CW-1

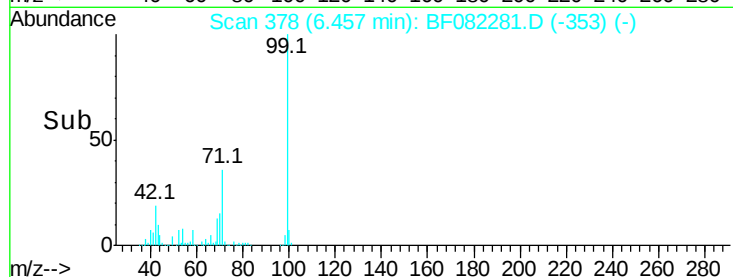
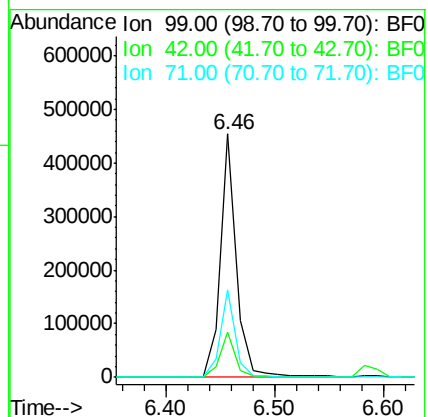
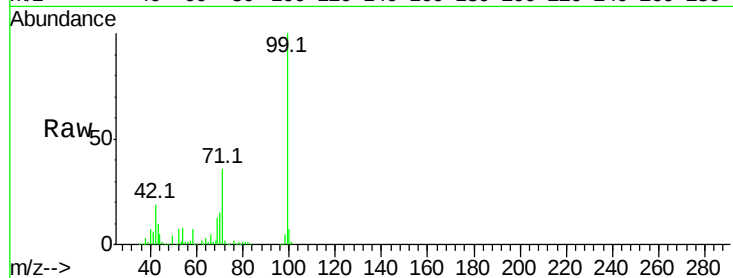
Tot Ion: 99 Resp: 471880

Ion Ratio Lower Upper

99 100

42 18.8 13.2 19.8

71 35.7 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: BF082281.D

Acq: 14 Oct 2015 15:59

Tgt Ion: 136 Resp: 292693

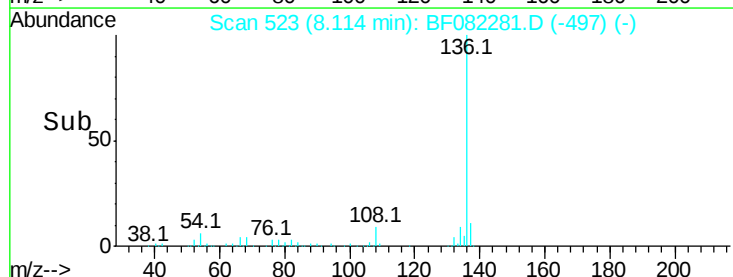
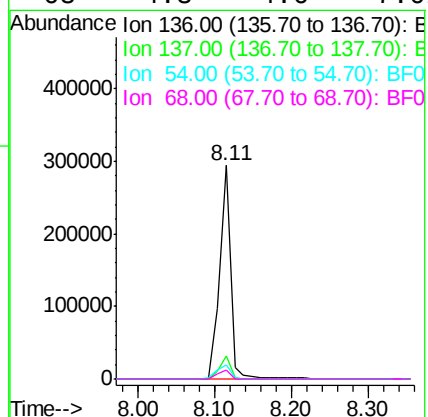
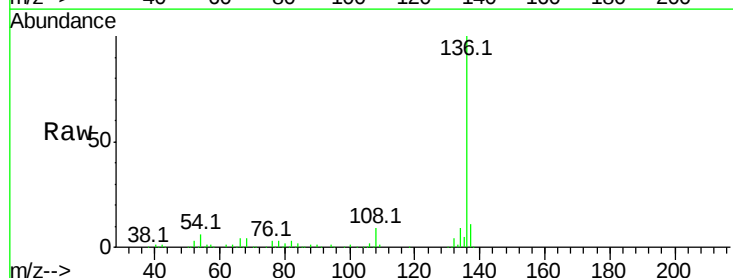
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.4 7.5 11.3#

68 4.3 4.6 7.0#

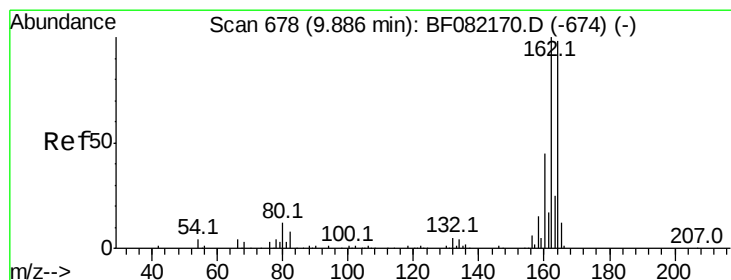
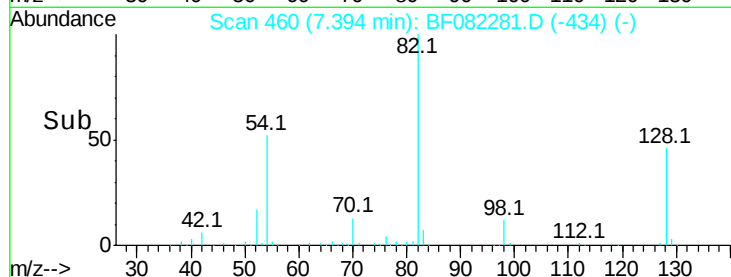
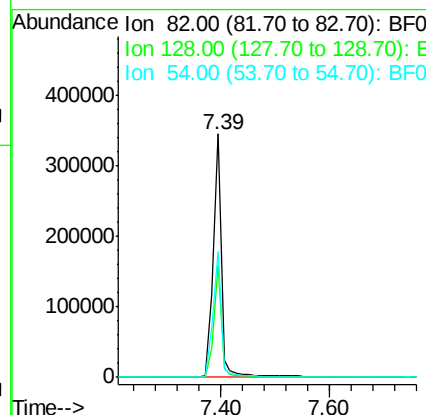
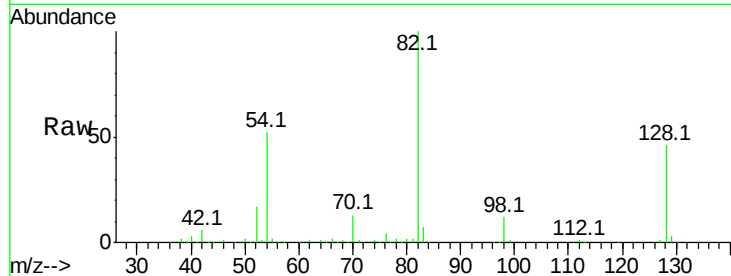




#23
Nitrobenzene-d5
Concen: 84.20 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

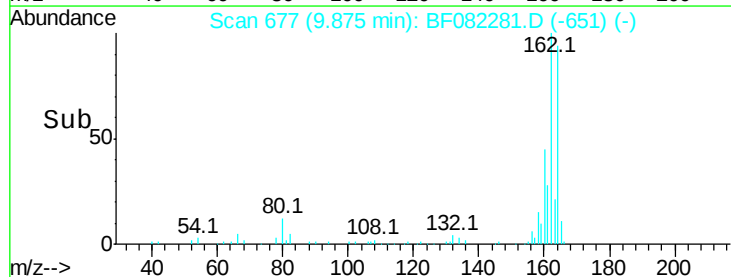
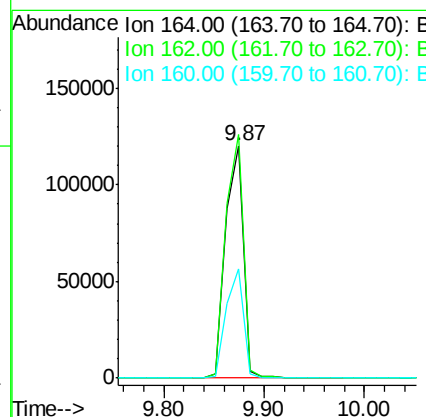
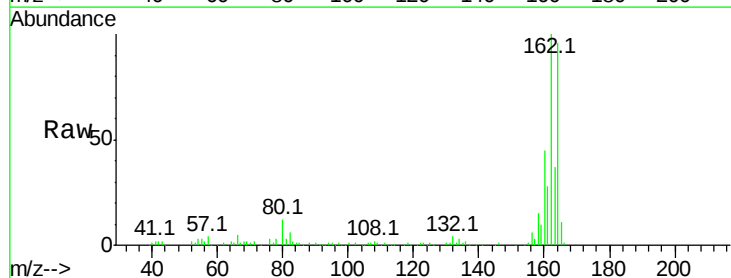
Instrument :
BNA_F
ClientSampleId :
CW-1

Tot Ion: 82 Resp: 366967
Ion Ratio Lower Upper
82 100
128 45.7 38.7 58.1
54 51.6 40.1 60.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

Tgt Ion:164 Resp: 148710
Ion Ratio Lower Upper
164 100
162 104.7 81.6 122.4
160 46.9 36.4 54.6

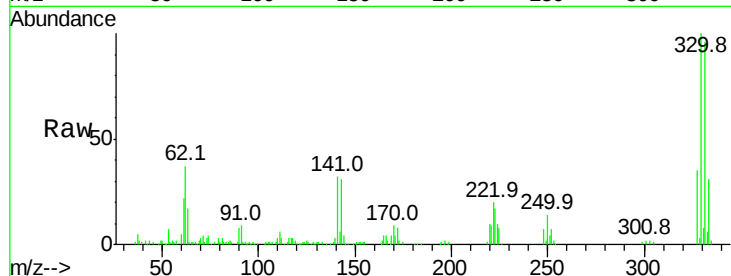




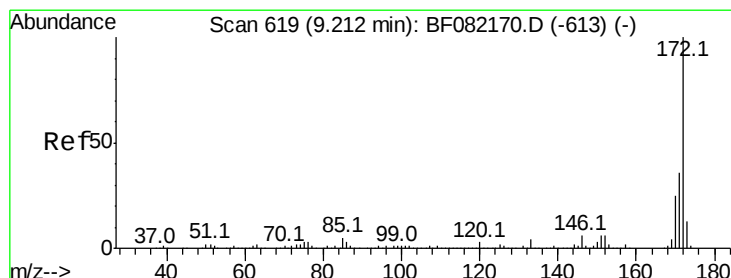
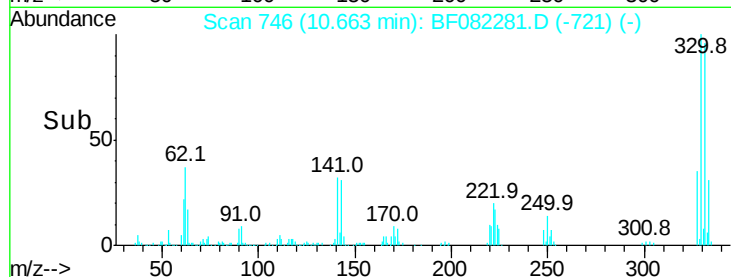
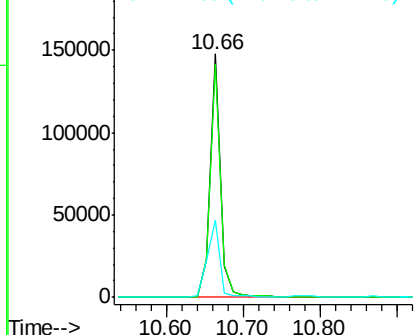
#41
 2,4,6-Tribromophenol
 Concen: 98.27 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082281.D
 Acq: 14 Oct 2015 15:59

Instrument :
 BNA_F
 ClientSampleId :
 CW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	39.2	29.8	44.8

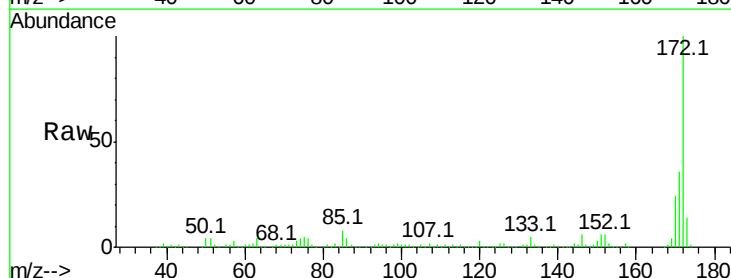


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

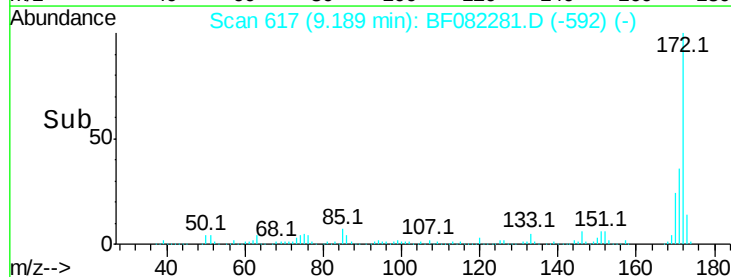
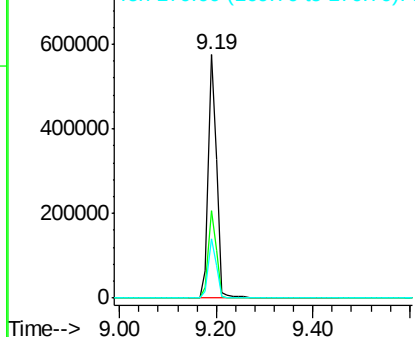


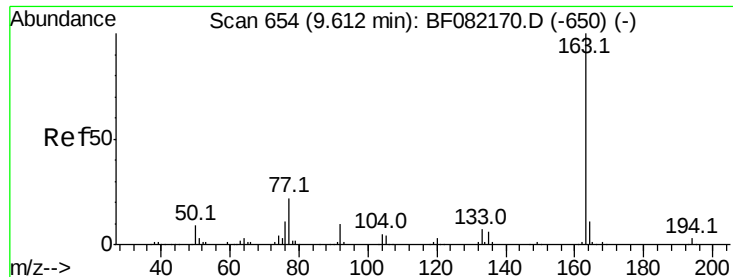
#44
 2-Fluorobiphenyl
 Concen: 77.53 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082281.D
 Acq: 14 Oct 2015 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.2	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: 18.30 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

CW-1

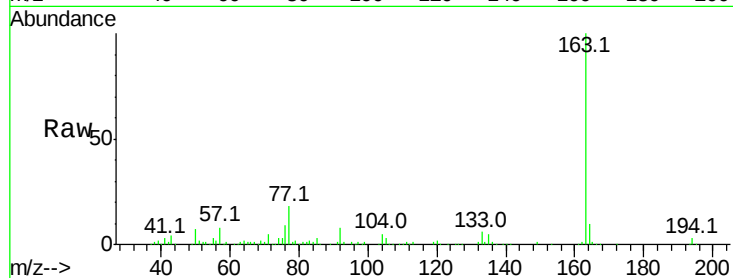
Tot Ion:163 Resp: 191584

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

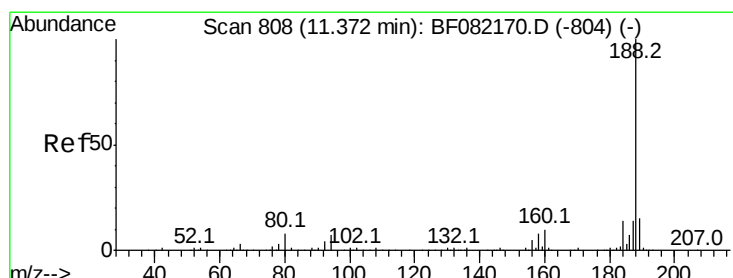
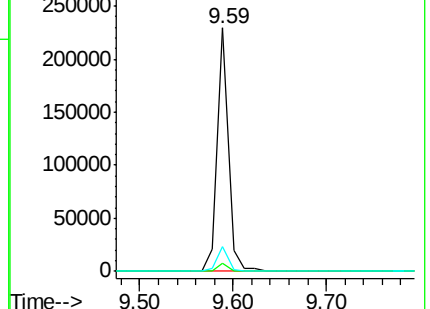
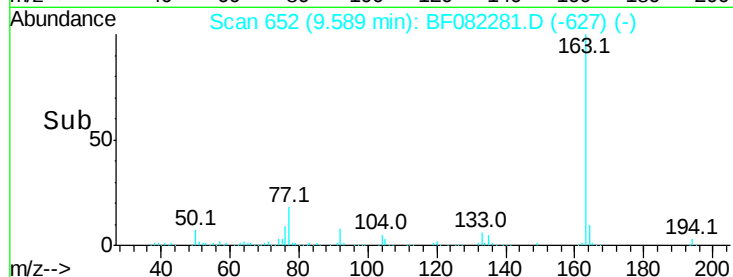
164 10.0 8.5 12.7



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: BF082281.D

Acq: 14 Oct 2015 15:59

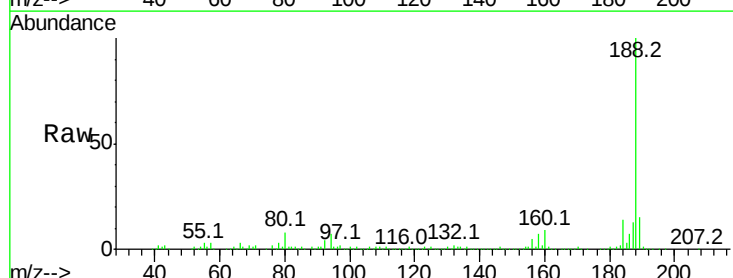
Tgt Ion:188 Resp: 298725

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

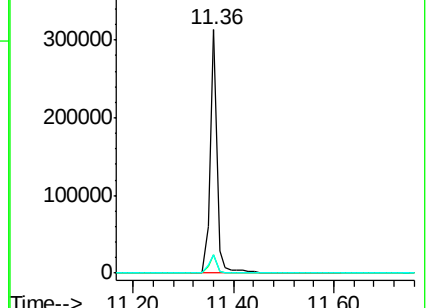
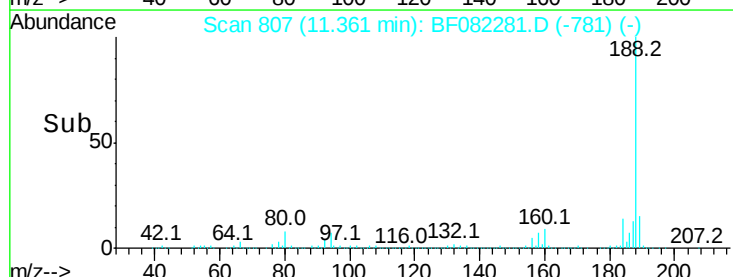
80 7.8 6.4 9.6

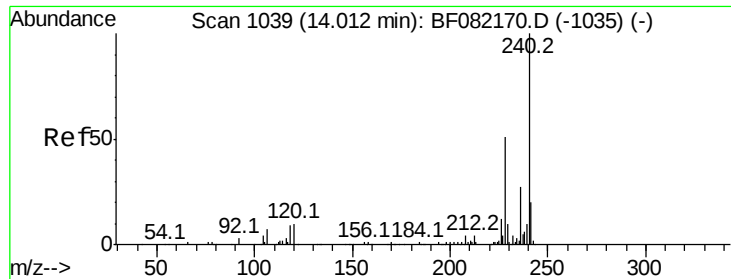


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.08 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

CW-1

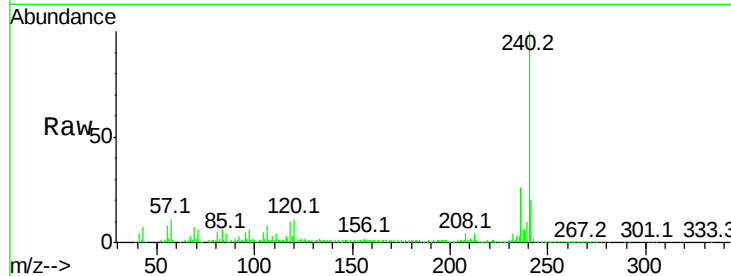
Tot Ion:240 Resp: 246182

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

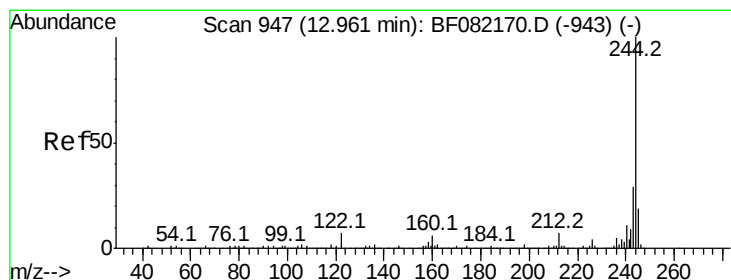
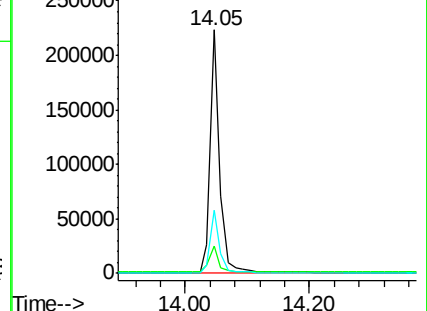
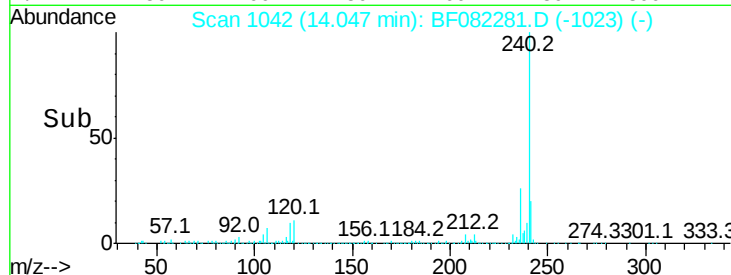
236 26.2 21.3 31.9



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: 81.86 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

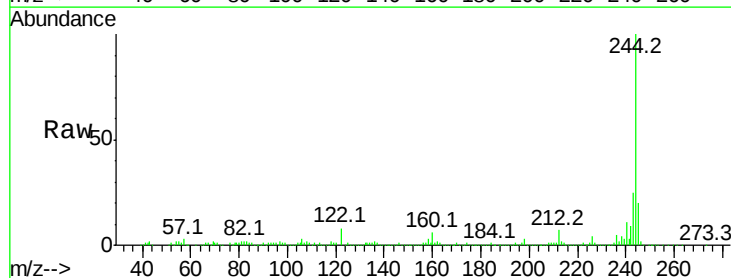
Tgt Ion:244 Resp: 760525

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

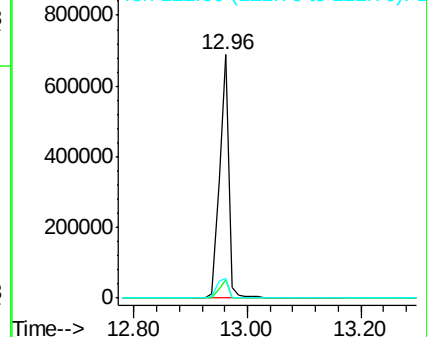
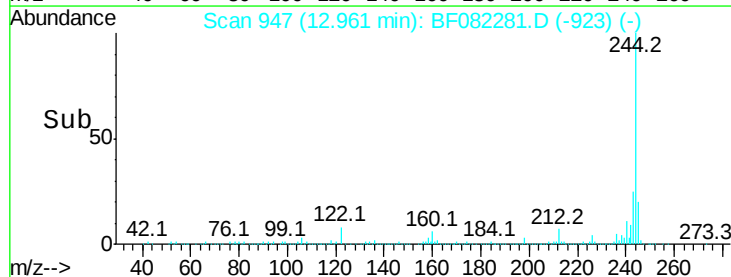
122 7.9 5.9 8.9

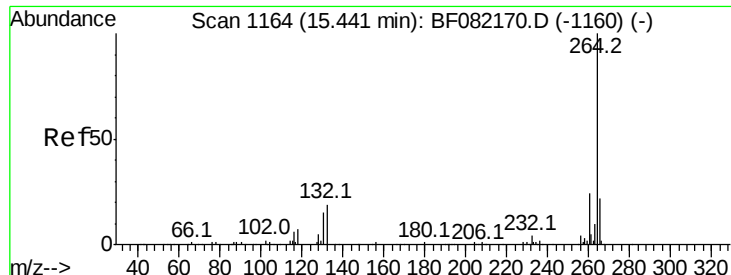


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

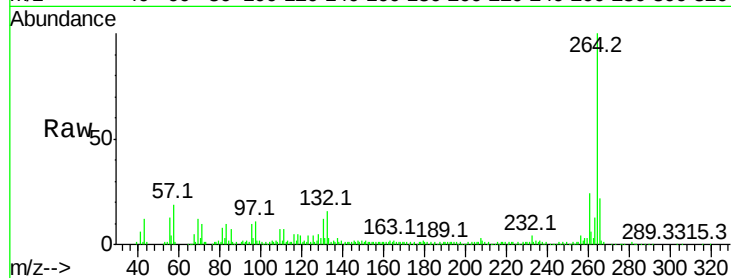




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. -0.16 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

Instrument :
BNA_F
ClientSampleId :
CW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.0	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

