

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082455.D
 Acq On : 22 Oct 2015 20:04
 Operator : UM/IZ
 Sample : G4093-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-04-19.5-20

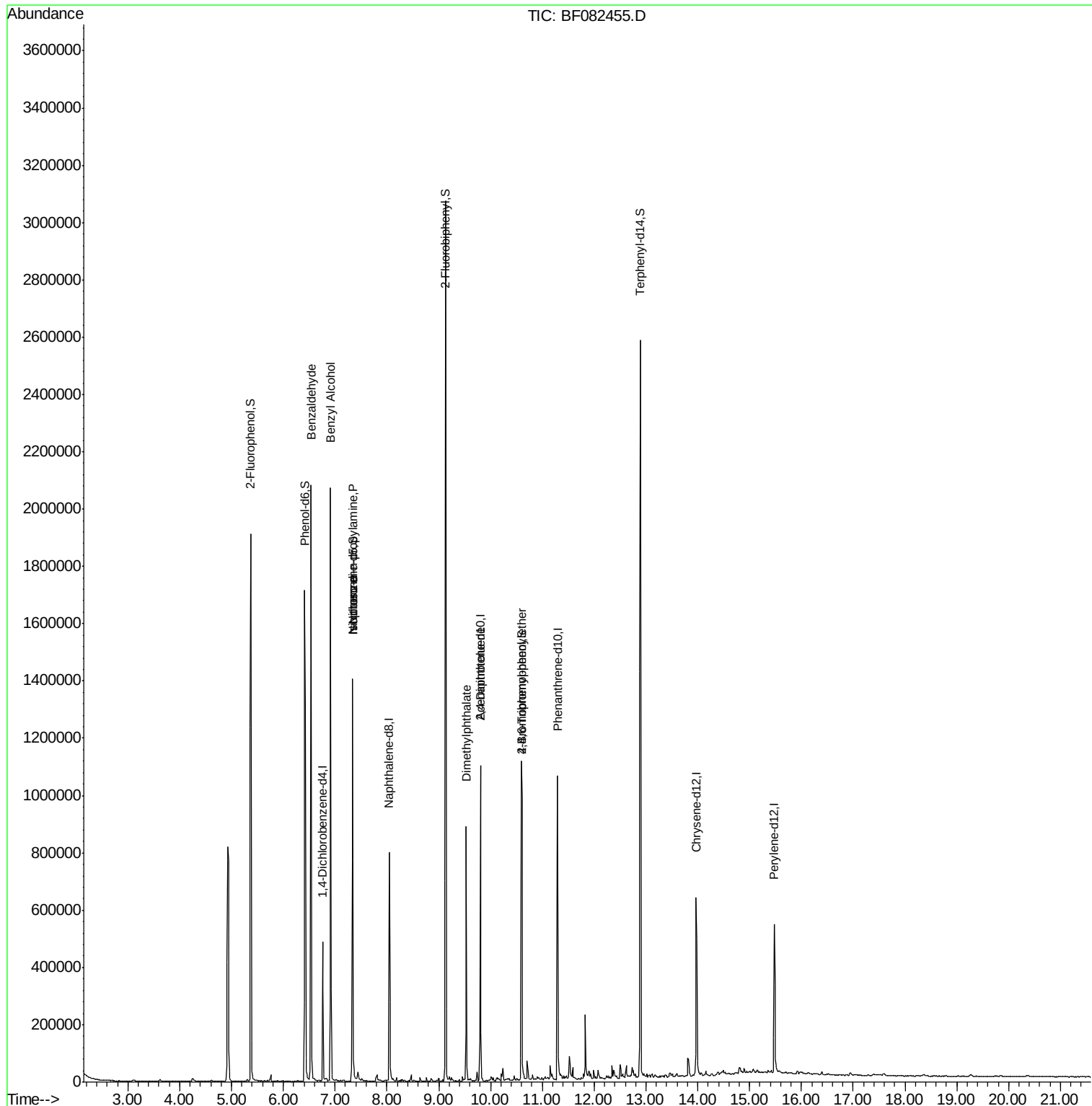
Quant Time: Oct 23 01:40:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

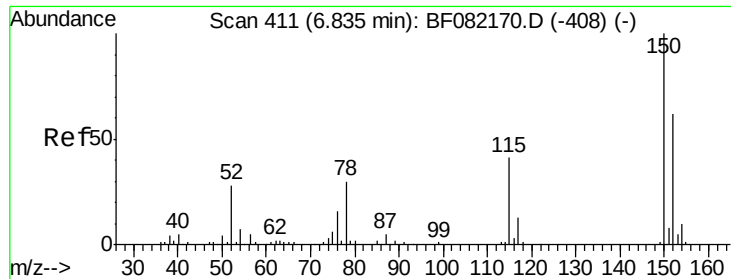
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	102123	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	400438	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	213398	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	389218	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	309603	20.00	ng	-0.03
86) Perylene-d12	15.48	264	262332	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	679124	134.21	ng	0.01
7) Phenol-d6	6.41	99	902909	137.12	ng	-0.01
23) Nitrobenzene-d5	7.34	82	579352	97.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	189568	94.72	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	975974	75.85	ng	-0.01
78) Terphenyl-d14	12.89	244	986633	84.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	16160	4.81	ng	Qvalue 86
15) Benzyl Alcohol	6.91	79	9095	2.00	ng	# 51
19) n-Nitroso-di-n-propylamine	7.34	70	77201	16.69	ng	# 76
25) Isophorone	7.34	82	555321	46.14	ng	# 66
49) Dimethylphthalate	9.53	163	361236	24.04	ng	99
55) 4-Nitrophenol	10.01	139	650	Below Cal	#	11
56) 2,4-Dinitrotoluene	9.81	165	28023	7.07	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	14219	3.65	ng	# 1

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

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\  
Data File : BF082455.D  
Acq On    : 22 Oct 2015   20:04  
Operator  : UM/IZ  
Sample    : G4093-11  
Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
```

Quant Time: Oct 23 01:40:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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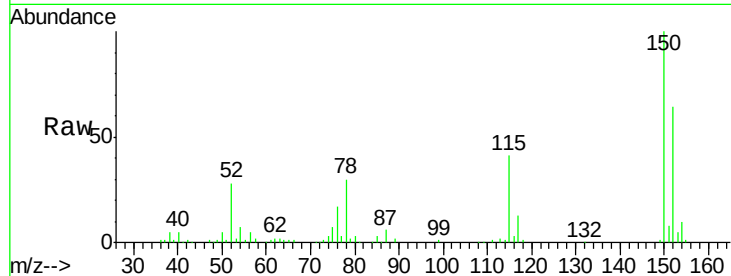


#1

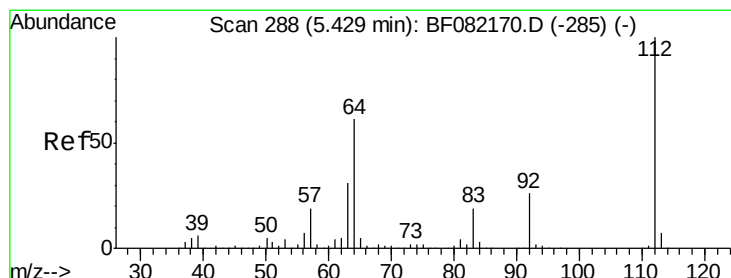
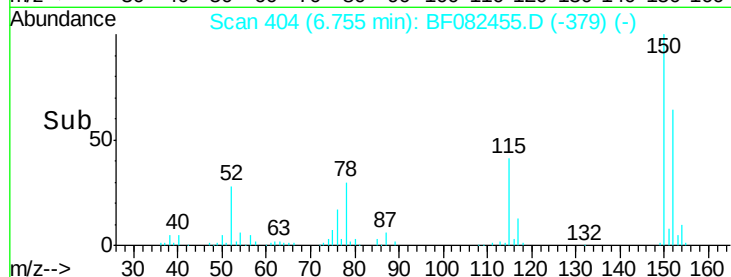
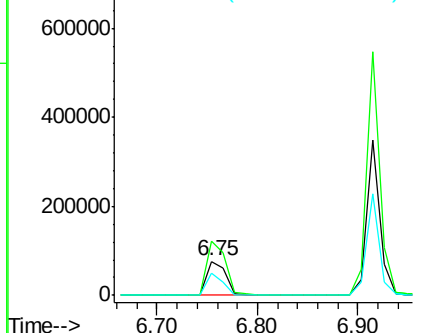
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF082455.D
Acq: 22 Oct 2015 20:04

Instrument :
BNA_F
ClientSampleId :
SB15-04-19.5-20

Tgt Ion:152 Resp: 102123
Ion Ratio Lower Upper
152 100
150 157.2 129.0 193.4
115 64.9 52.1 78.1



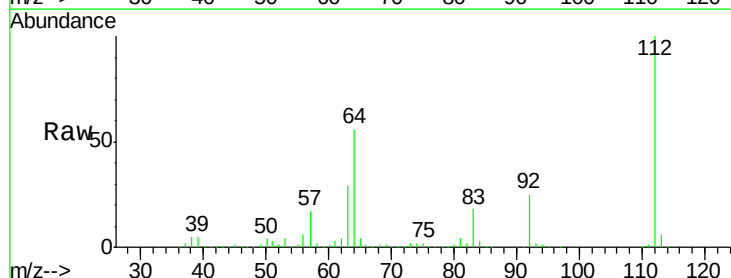
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



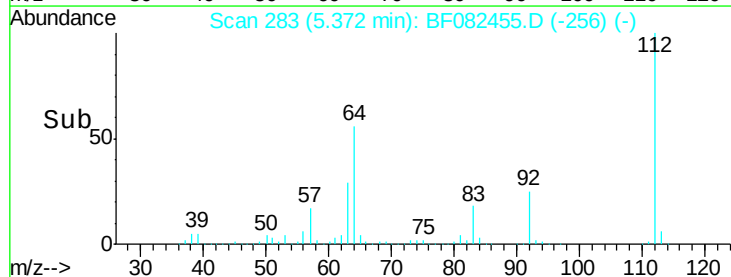
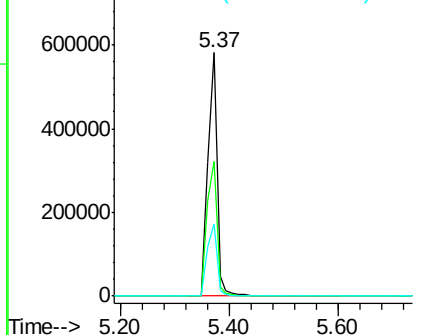
#5

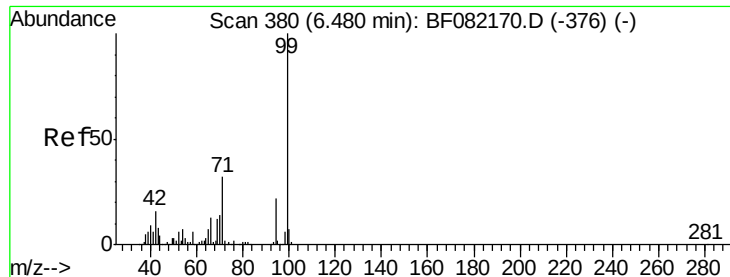
2-Fluorophenol
Concen: 134.21 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082455.D
Acq: 22 Oct 2015 20:04

Tgt Ion:112 Resp: 679124
Ion Ratio Lower Upper
112 100
64 55.5 48.6 73.0
63 29.5 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: 137.12 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

SB15-04-19.5-20

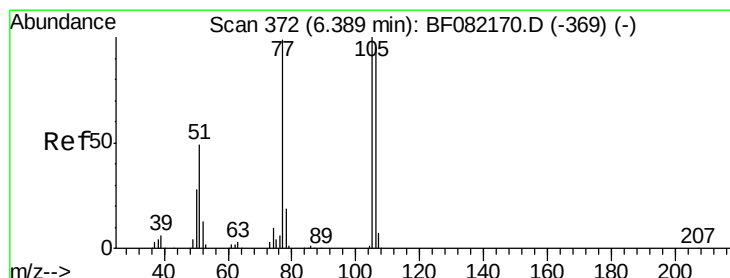
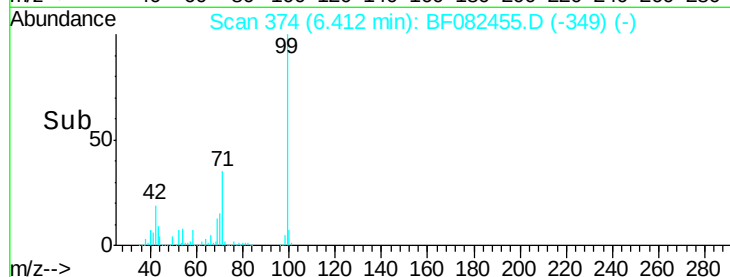
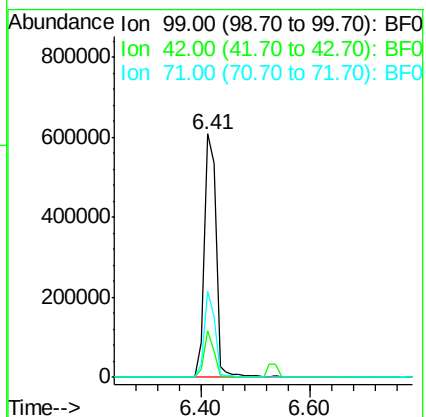
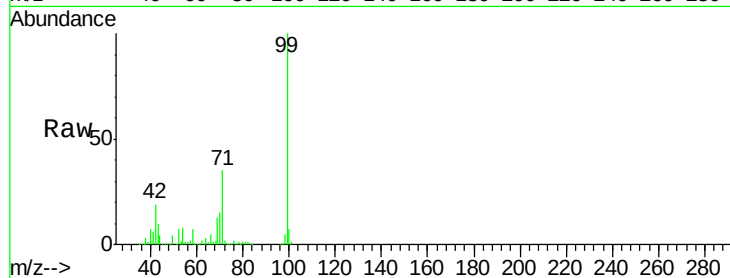
Tgt Ion: 99 Resp: 902909

Ion Ratio Lower Upper

99 100

42 18.9 13.2 19.8

71 35.4 25.6 38.4



#9

Benzaldehyde

Concen: 4.81 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.23 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

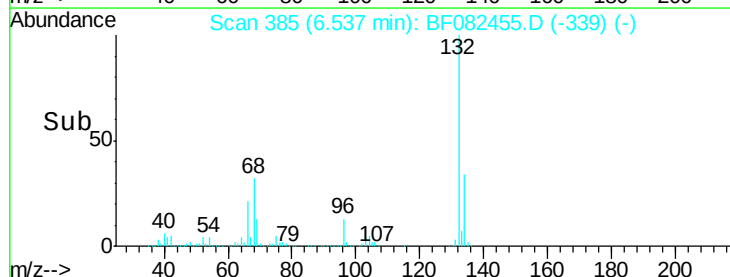
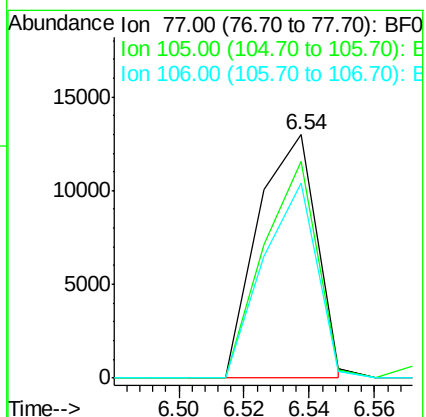
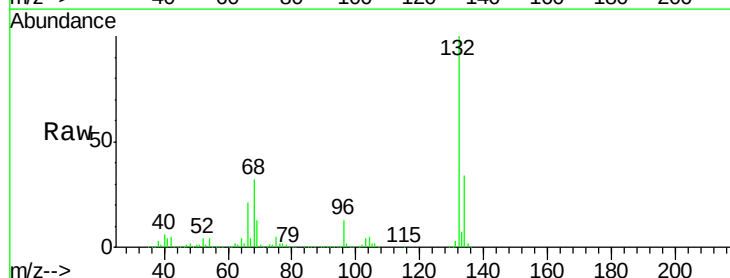
Tgt Ion: 77 Resp: 16160

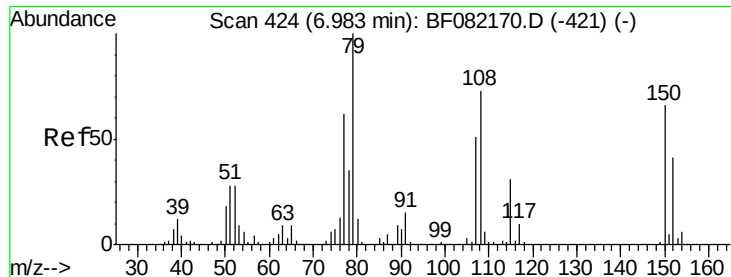
Ion Ratio Lower Upper

77 100

105 89.0 80.6 120.6

106 79.9 75.5 115.5

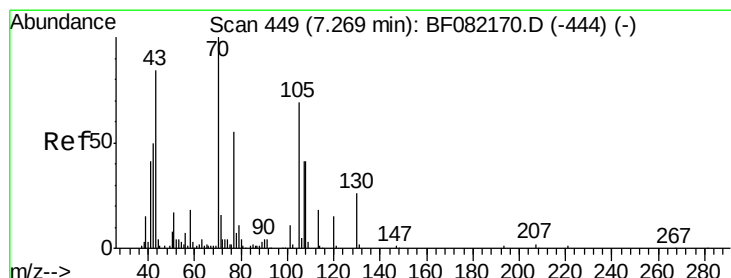
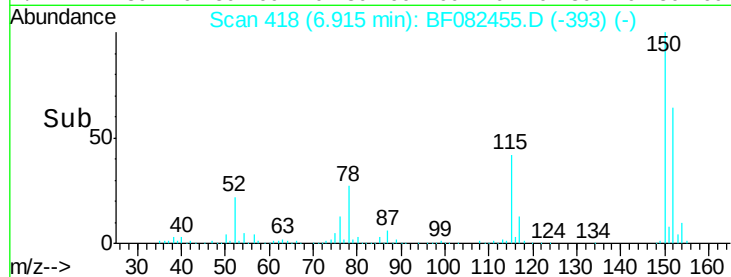
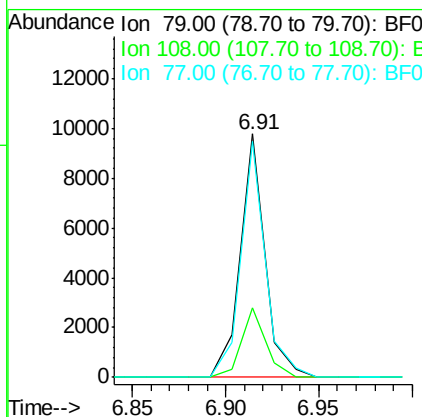
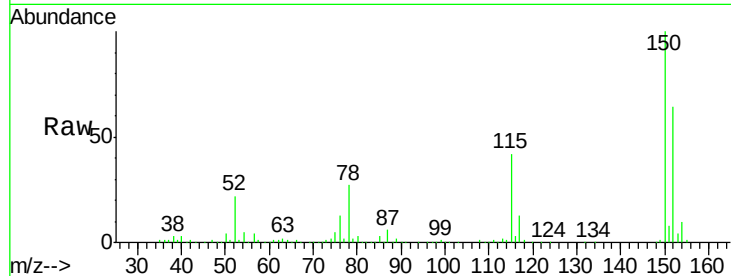




#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.91 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082455.D
Acq: 22 Oct 2015 20:04

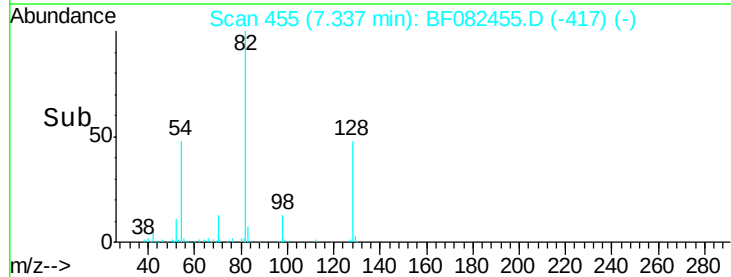
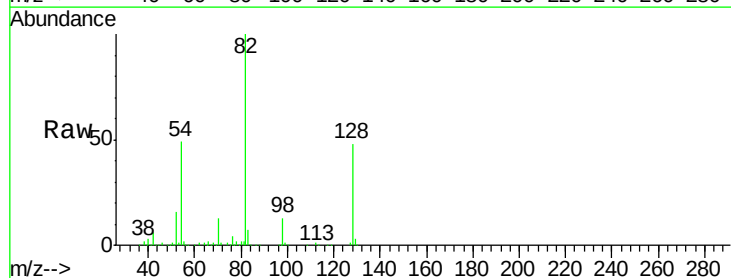
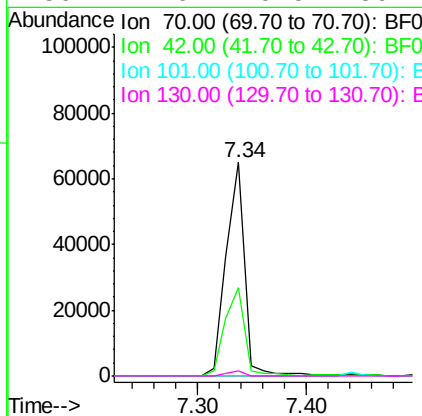
Instrument :
BNA_F
ClientSampleId :
SB15-04-19.5-20

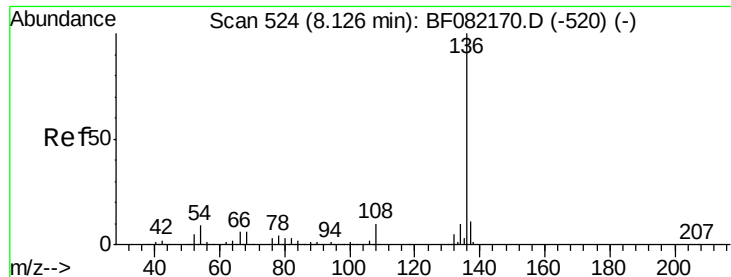
Tgt Ion: 79 Resp: 9095
Ion Ratio Lower Upper
79 100
108 28.4 58.4 87.6#
77 96.8 49.8 74.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.69 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082455.D
Acq: 22 Oct 2015 20:04

Tgt Ion: 70 Resp: 77201
Ion Ratio Lower Upper
70 100
42 41.4 39.8 59.8
101 0.0 8.6 13.0#
130 2.6 20.5 30.7#

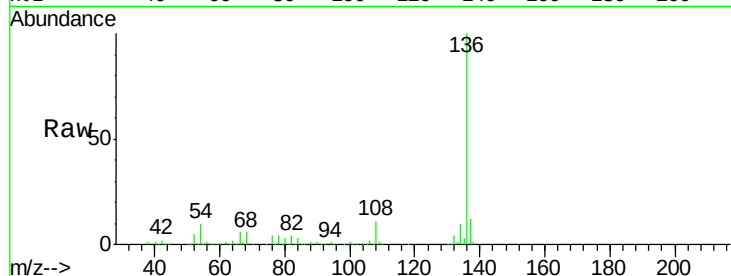




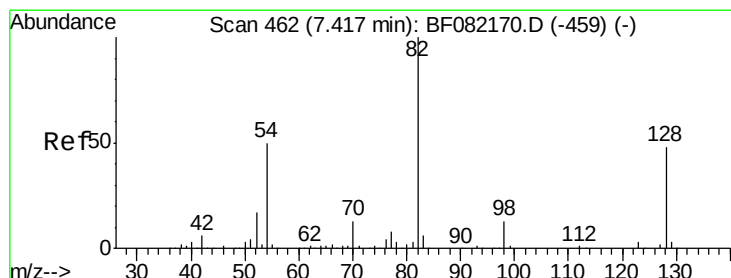
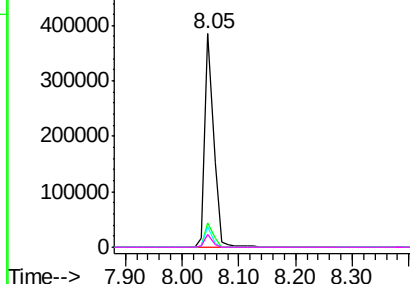
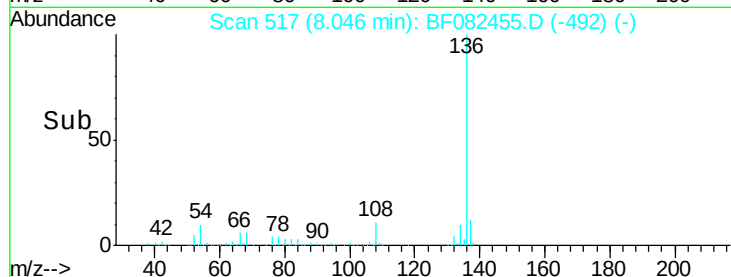
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF082455.D
Acq: 22 Oct 2015 20:04

Instrument :
BNA_F
ClientSampleId :
SB15-04-19.5-20

Tgt Ion:	136	Resp:	400438
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.6	7.5	11.3
68	6.2	4.6	7.0

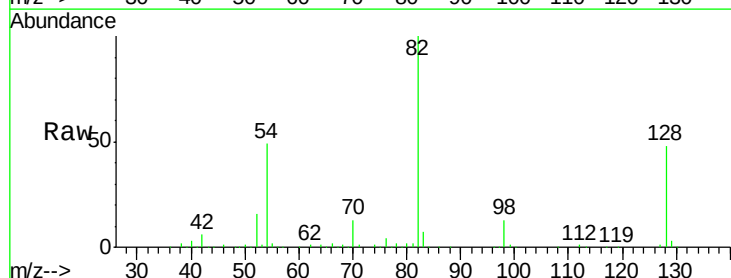


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

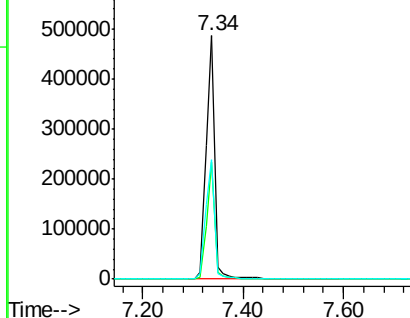
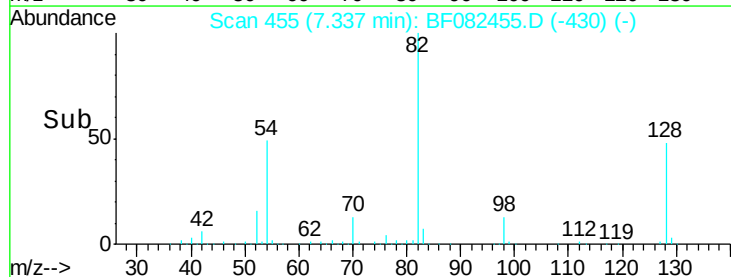


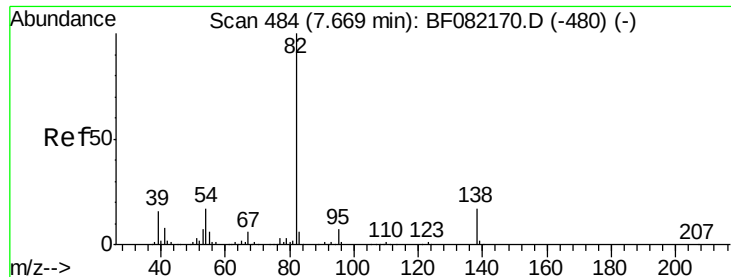
#23
Nitrobenzene-d5
Concen: 97.16 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082455.D
Acq: 22 Oct 2015 20:04

Tgt Ion:	82	Resp:	579352
Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.7	58.1
54	49.3	40.1	60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
600000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.14 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.26 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

SB15-04-19.5-20

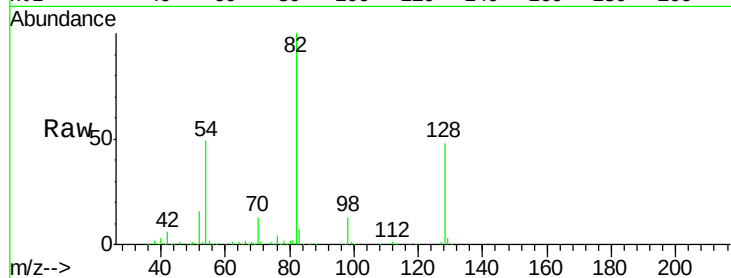
Tgt Ion: 82 Resp: 555321

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#

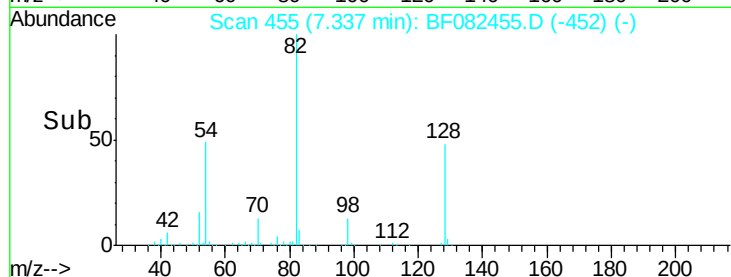


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



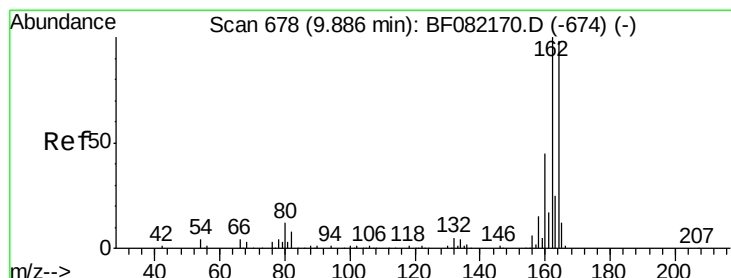
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

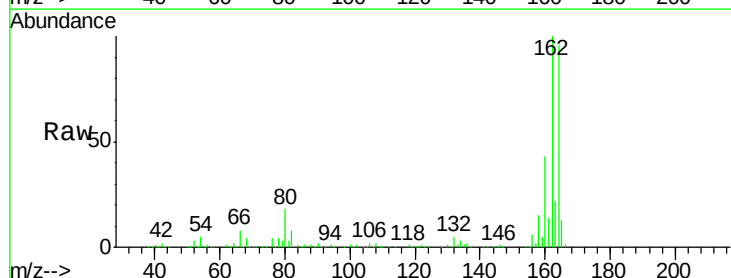
Tgt Ion: 164 Resp: 213398

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 44.9 36.4 54.6

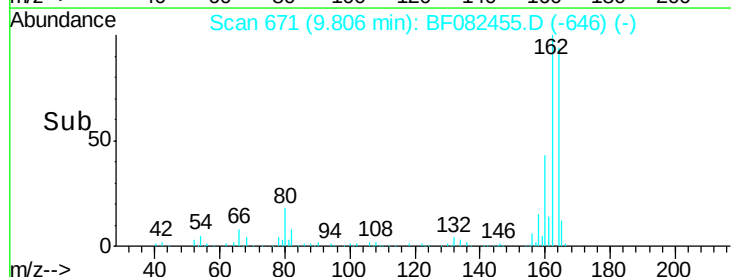


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



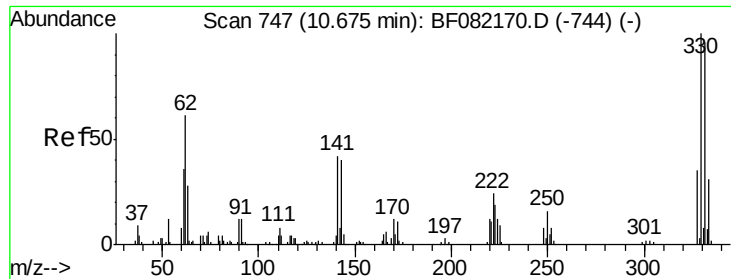
Abundance

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

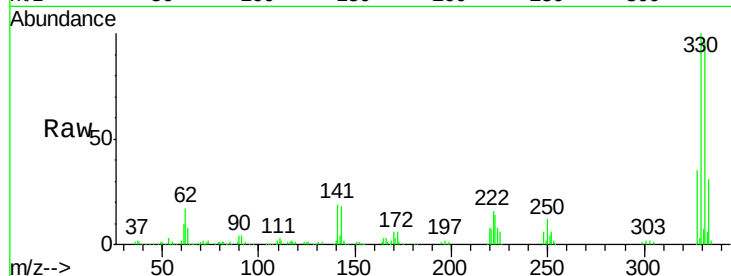
Time-->



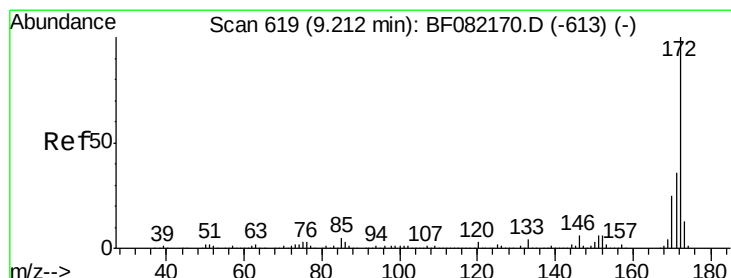
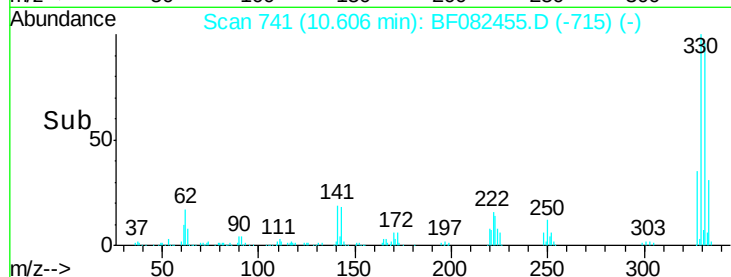
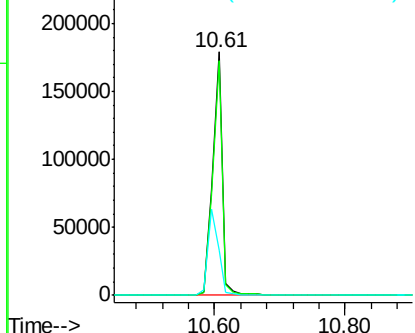
#41
 2,4,6-Tribromophenol
 Concen: 94.72 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF082455.D
 Acq: 22 Oct 2015 20:04

Instrument :
 BNA_F
 ClientSampleId :
 SB15-04-19.5-20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	38.9	29.8	44.8

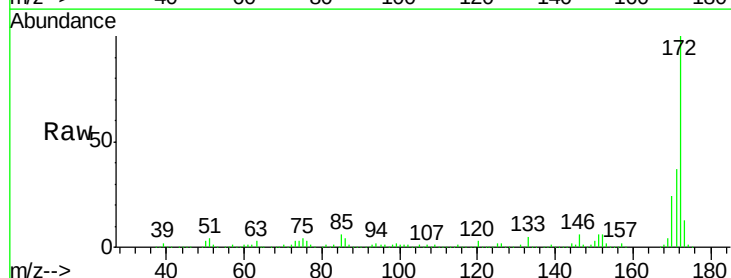


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

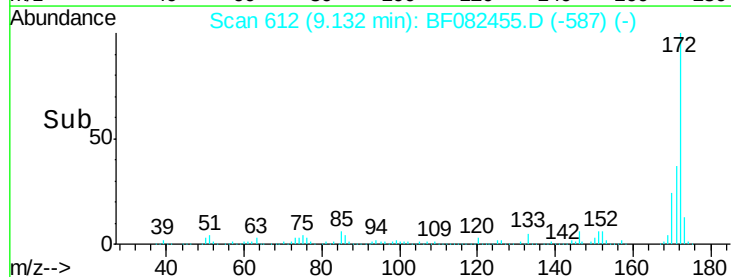
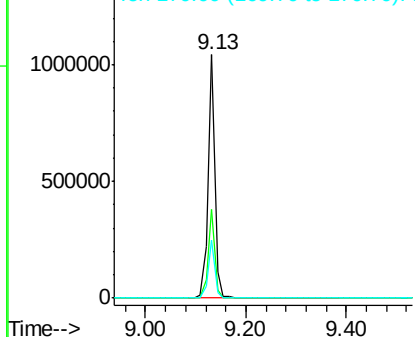


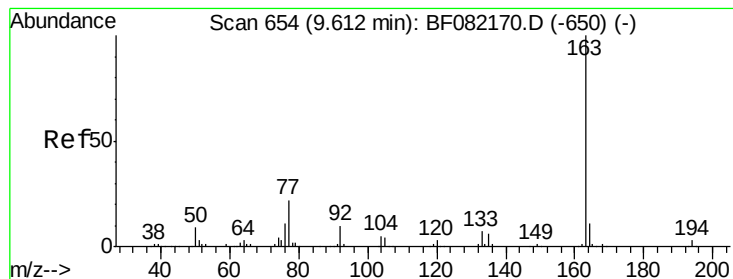
#44
 2-Fluorobiphenyl
 Concen: 75.85 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082455.D
 Acq: 22 Oct 2015 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.1	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: 24.04 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

SB15-04-19.5-20

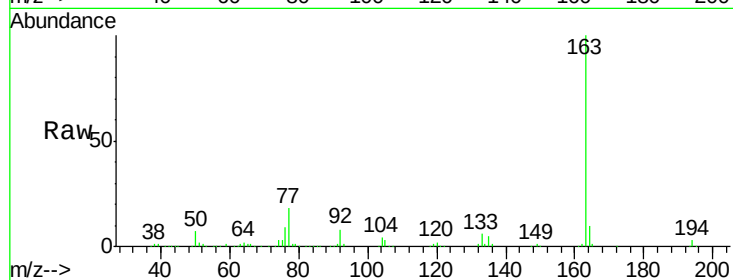
Tgt Ion:163 Resp: 361236

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

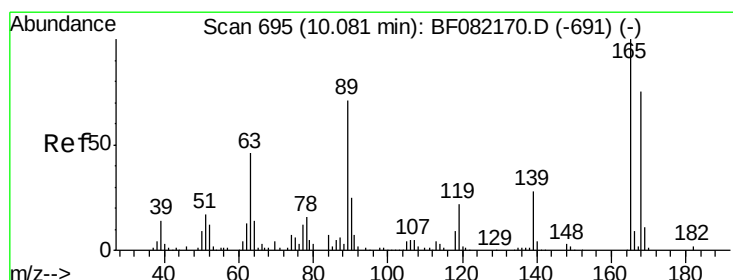
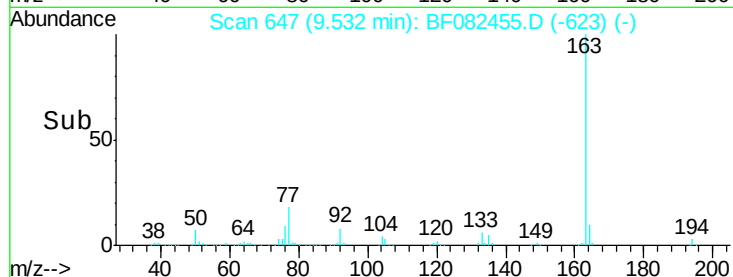
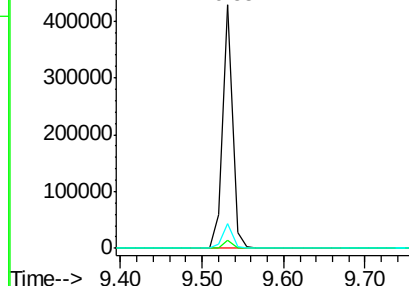
164 10.3 8.5 12.7



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



#56

2,4-Dinitrotoluene

Concen: 7.07 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.22 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

Tgt Ion:165 Resp: 28023

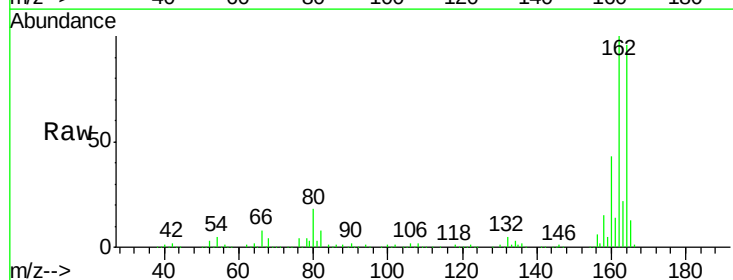
Ion Ratio Lower Upper

165 100

63 1.1 38.6 58.0#

89 1.6 57.0 85.6#

182 0.0 1.8 2.6#

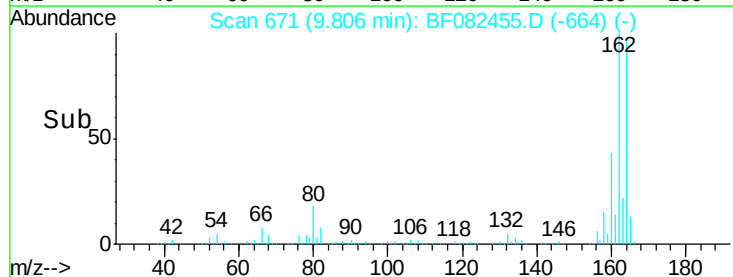
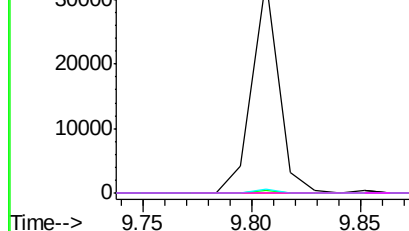


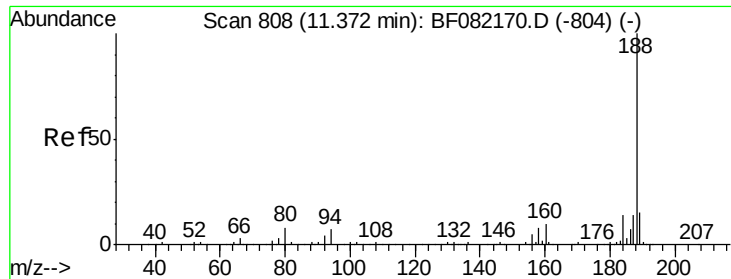
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

SB15-04-19.5-20

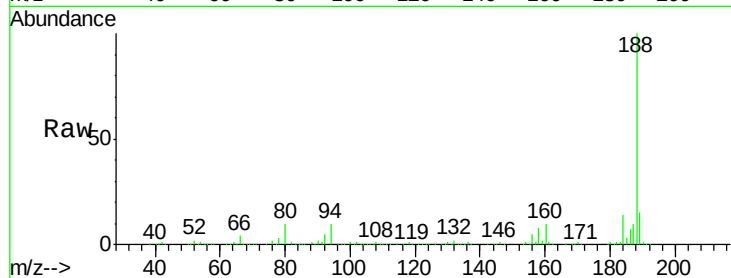
Tgt Ion:188 Resp: 389218

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.6#

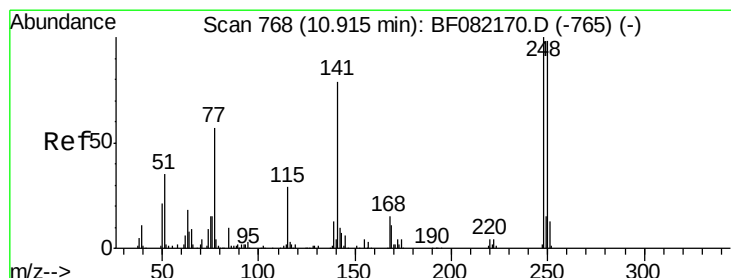
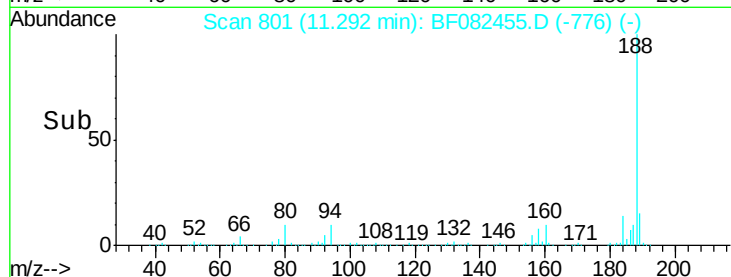
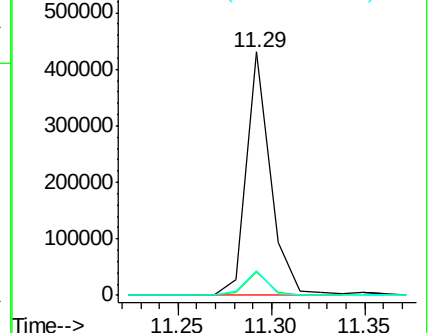
80 10.3 6.4 9.6#



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



#66

4-Bromophenyl-phenylether

Concen: 3.65 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

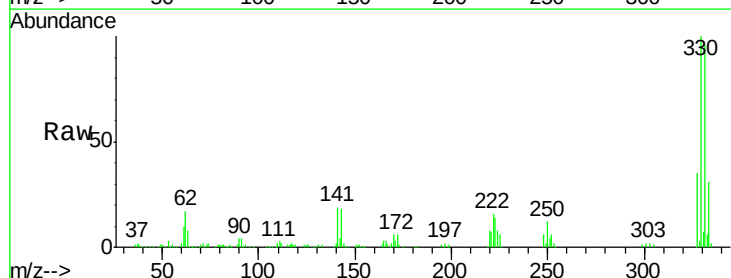
Tgt Ion:248 Resp: 14219

Ion Ratio Lower Upper

248 100

250 196.5 78.6 117.8#

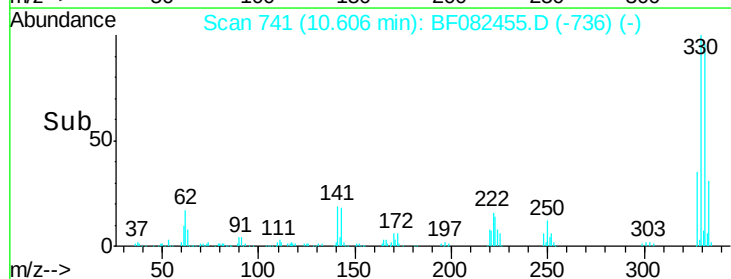
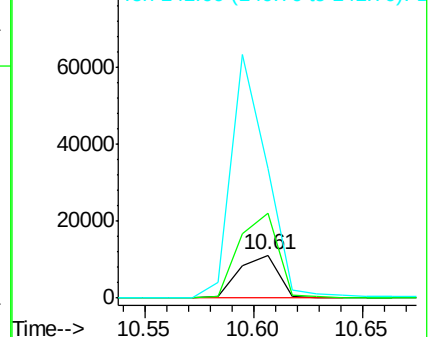
141 301.7 63.3 94.9#

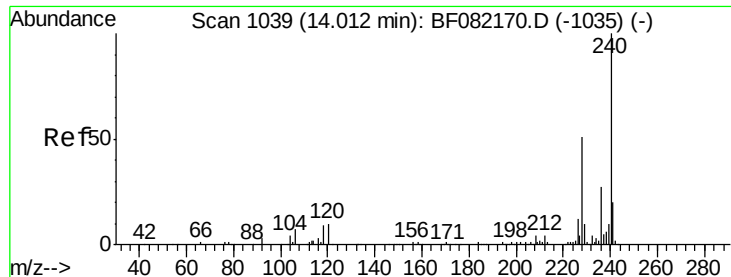


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

SB15-04-19.5-20

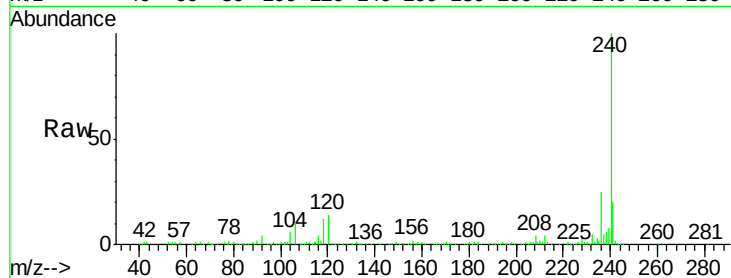
Tgt Ion:240 Resp: 309603

Ion Ratio Lower Upper

240 100

120 14.0 8.1 12.1#

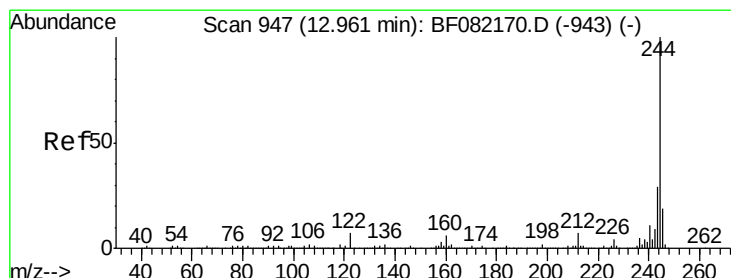
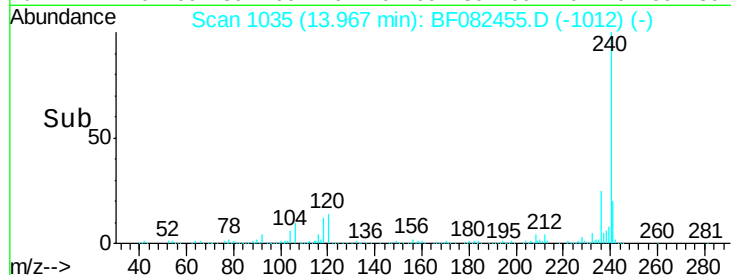
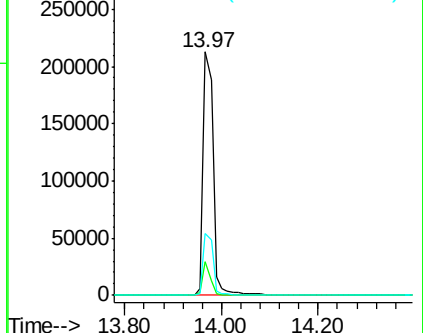
236 25.3 21.3 31.9



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: 84.45 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF082455.D

Acq: 22 Oct 2015 20:04

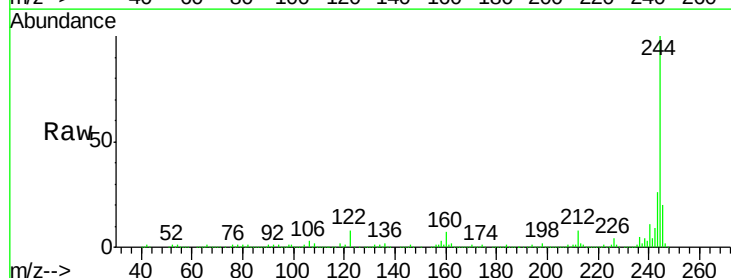
Tgt Ion:244 Resp: 986633

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

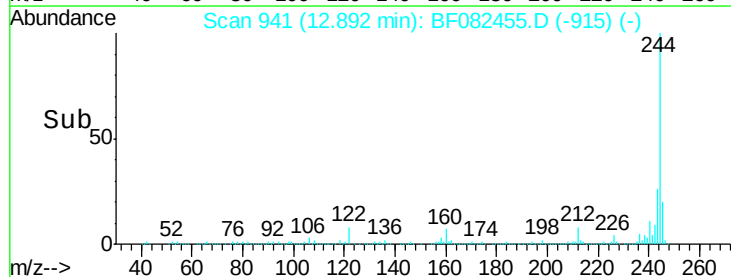
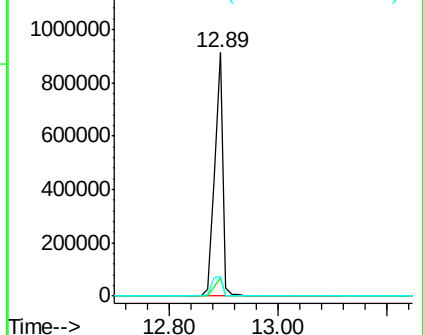
122 7.9 5.9 8.9

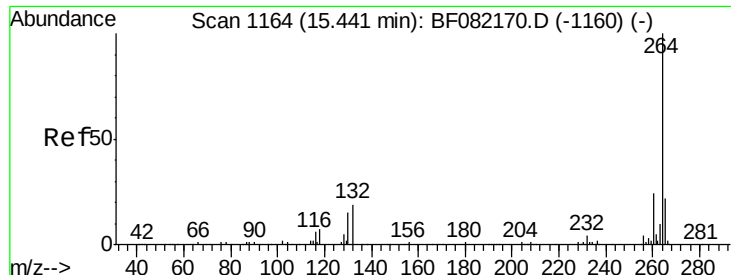


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF082455.D
Acq: 22 Oct 2015 20:04

Instrument :
BNA_F
ClientSampleId :
SB15-04-19.5-20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.9	17.3	25.9

