

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083559.D
 Acq On : 7 Dec 2015 16:30
 Operator : UM/IZ
 Sample : PB87075BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BL

Quant Time: Dec 08 01:14:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

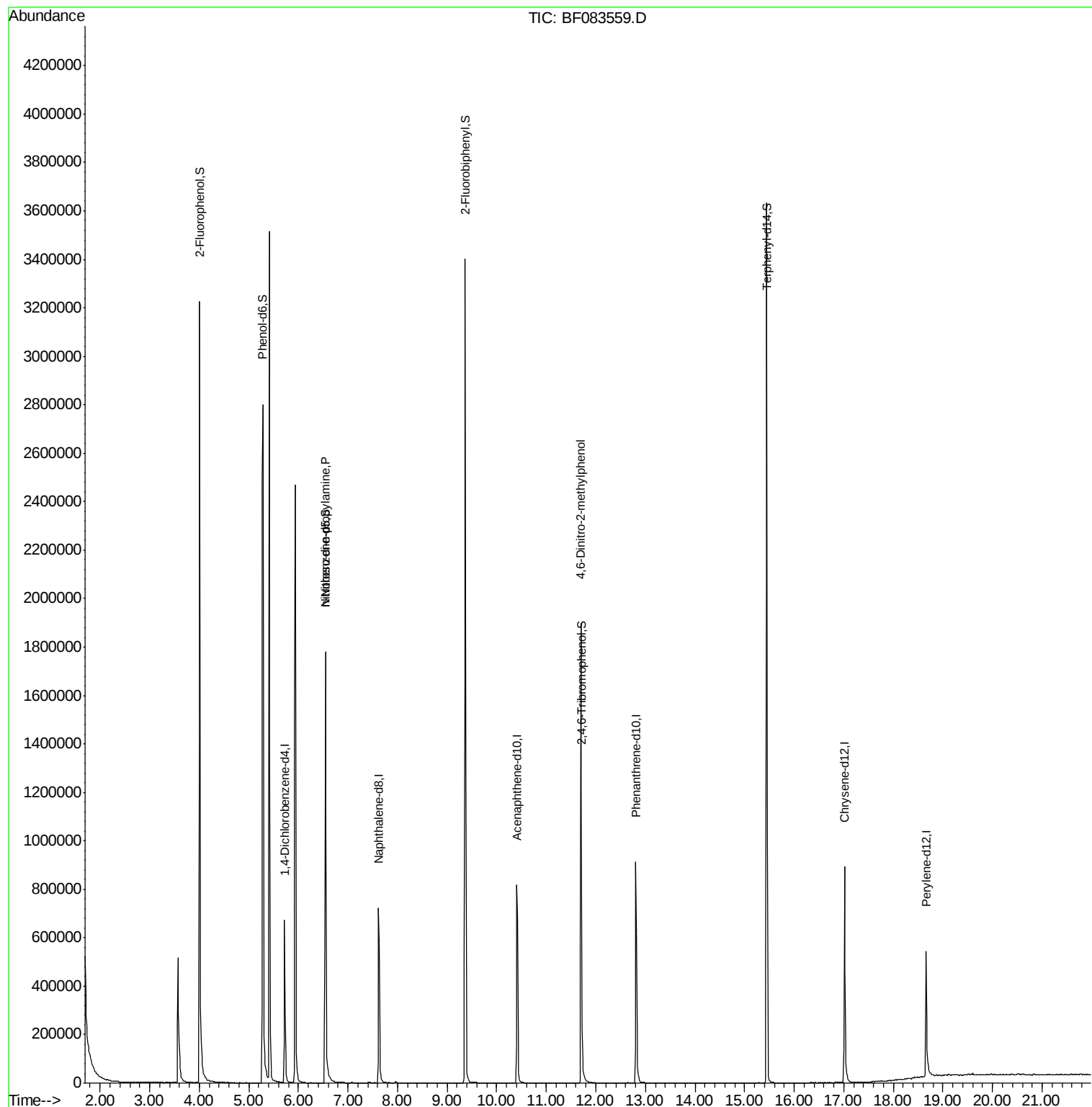
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	138918	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	548525	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	279197	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	548736	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	484390	20.00	ng	-0.03
86) Perylene-d12	18.66	264	381535	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	1178687	128.72	ng	-0.02
7) Phenol-d6	5.29	99	1601489	126.94	ng	-0.03
23) Nitrobenzene-d5	6.54	82	995674	84.85	ng	-0.06
41) 2,4,6-Tribromophenol	11.71	330	328617	127.59	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1639099	79.63	ng	-0.06
78) Terphenyl-d14	15.45	244	1664803	76.48	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.54	70	125962	14.97	ng	# 83
64) 4,6-Dinitro-2-methylphenol	11.70	198	638	3.64	ng	# 1

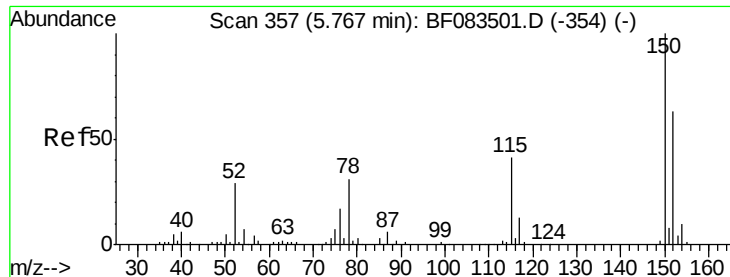
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Instrument :

BNA_F

ClientSampleId :

PB87075BL

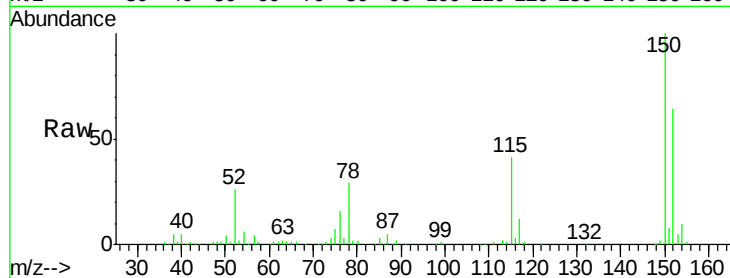
Tgt Ion:152 Resp: 138918

Ion Ratio Lower Upper

152 100

150 157.2 126.5 189.7

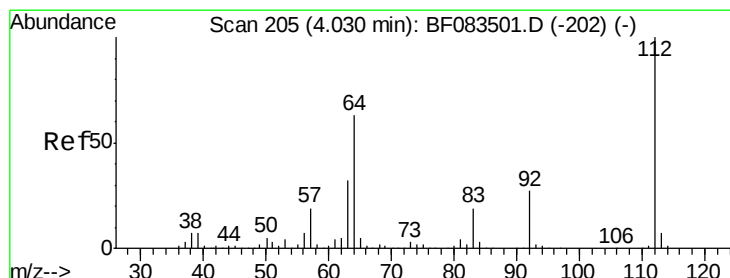
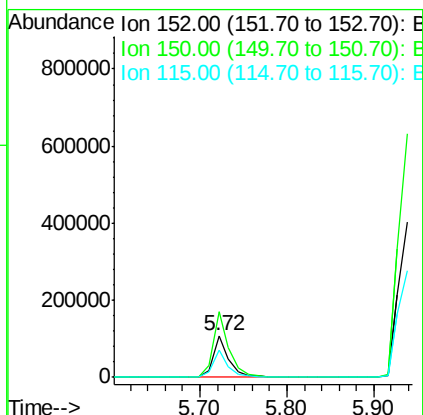
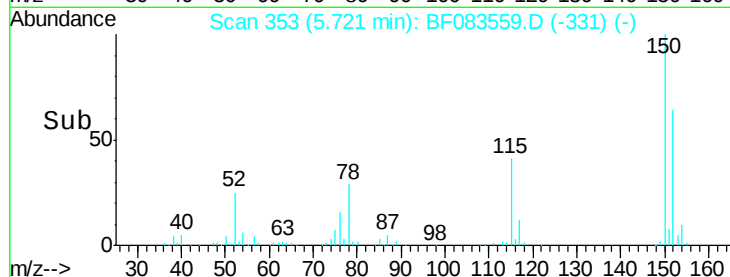
115 63.8 52.3 78.5



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: 128.72 ng

RT: 4.01 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

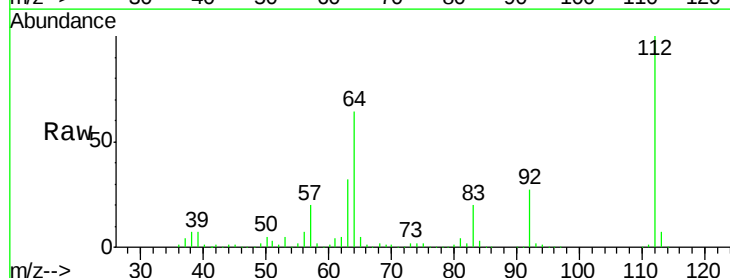
Tgt Ion:112 Resp: 1178687

Ion Ratio Lower Upper

112 100

64 64.4 50.5 75.7

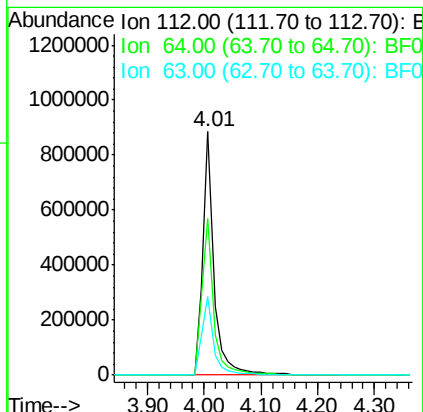
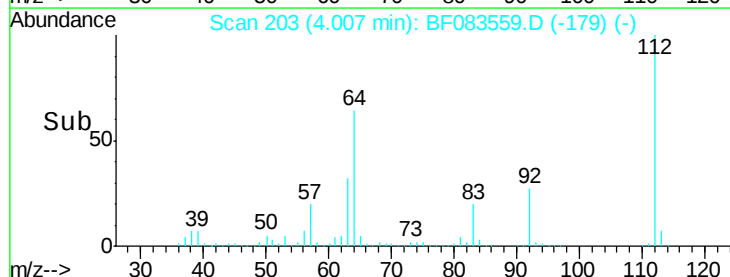
63 32.5 25.8 38.6



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: 126.94 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Instrument :

BNA_F

ClientSampled :

PB87075BL

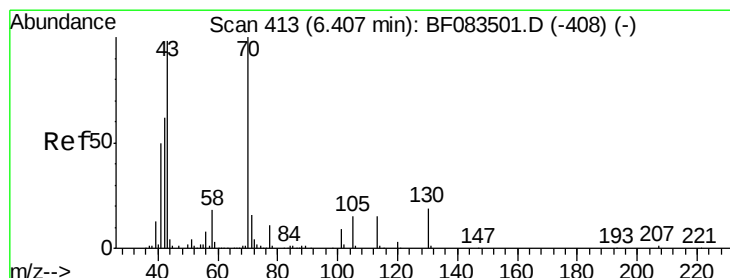
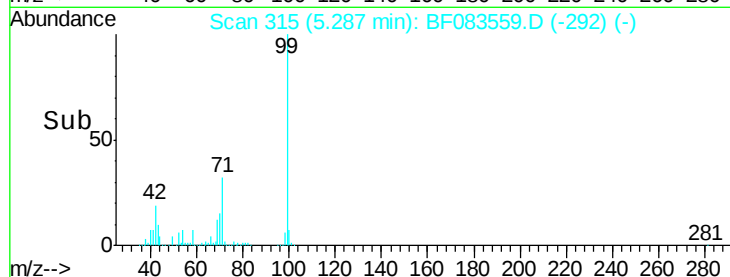
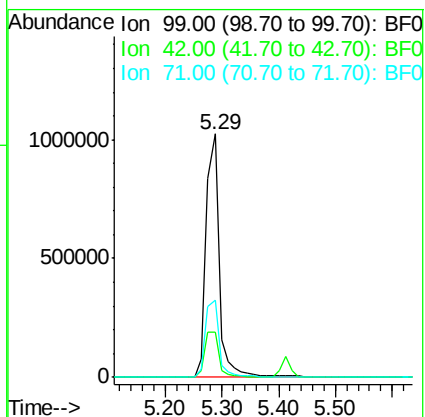
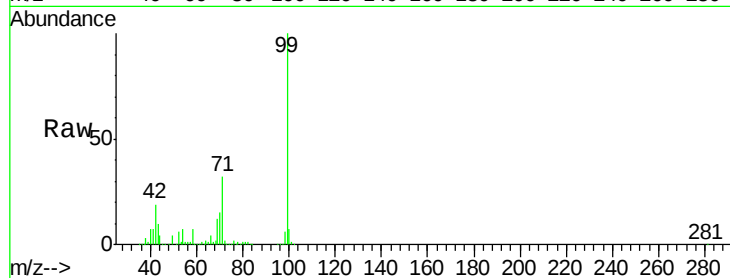
Tgt Ion: 99 Resp: 1601489

Ion Ratio Lower Upper

99 100

42 18.6 17.3 25.9

71 31.8 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.97 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.14 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Tgt Ion: 70 Resp: 125962

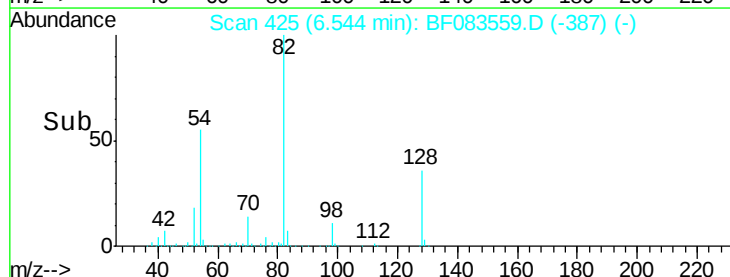
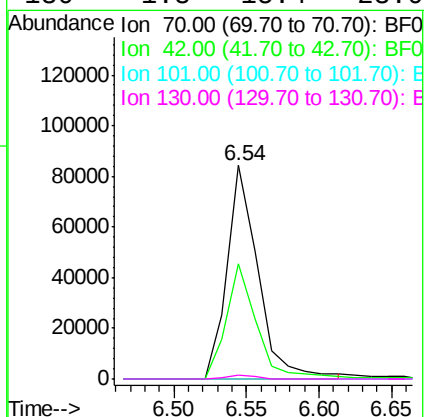
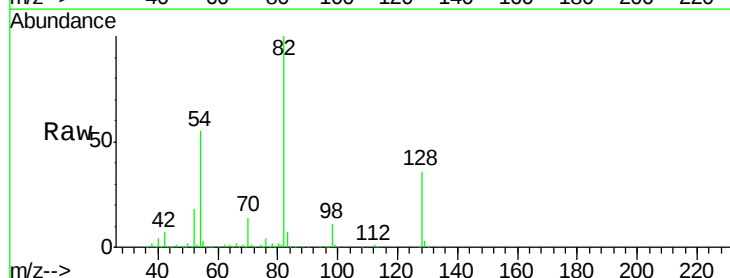
Ion Ratio Lower Upper

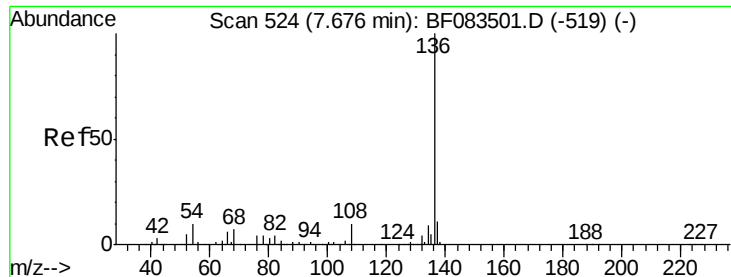
70 100

42 54.1 49.2 73.8

101 0.0 7.1 10.7#

130 1.8 15.4 23.0#

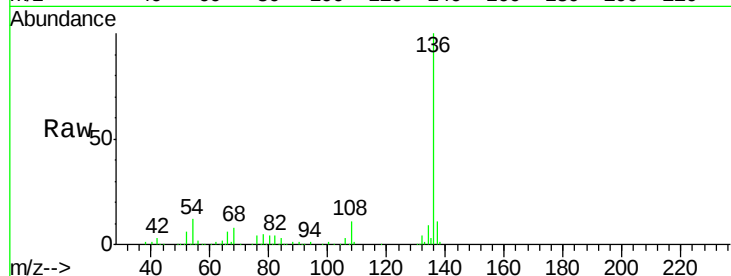




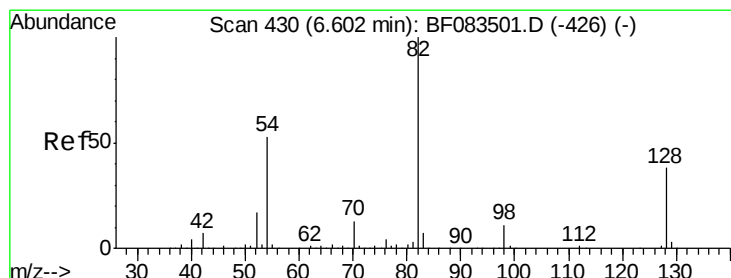
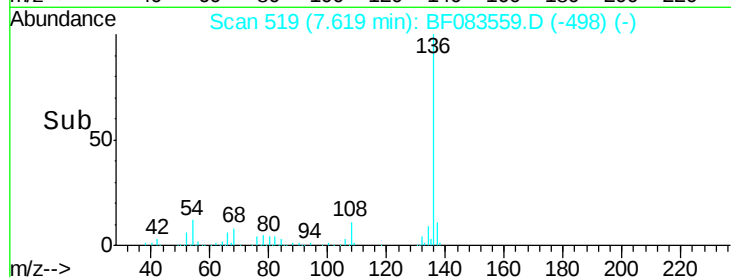
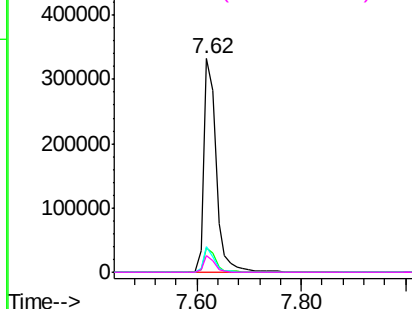
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083559.D
Acq: 7 Dec 2015 16:30

Instrument :
BNA_F
ClientSampleId :
PB87075BL

Tgt Ion:	136	Resp:	548525
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.8	7.8	11.6#
68	7.8	5.7	8.5

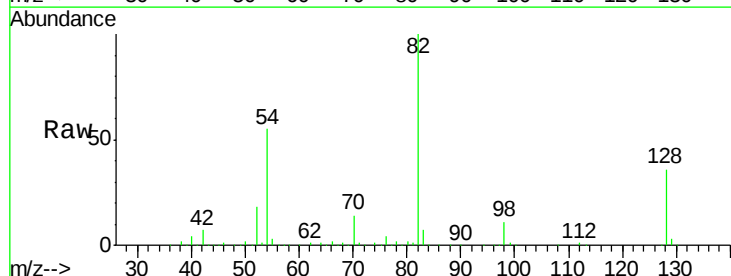


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

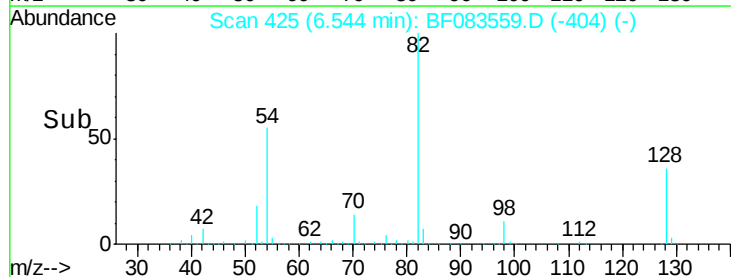
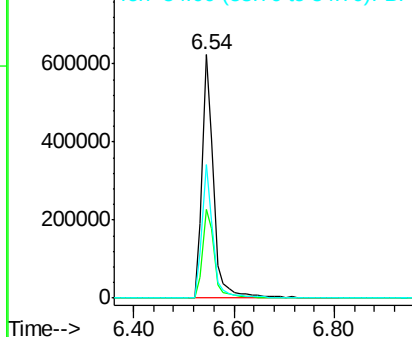


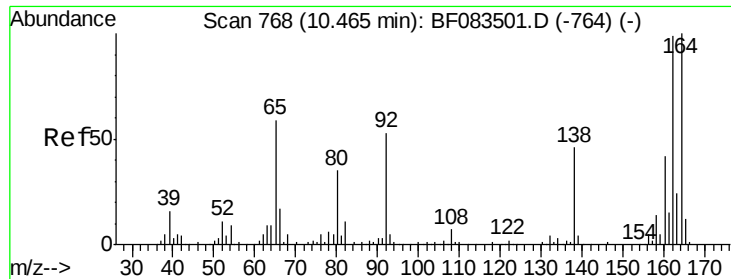
#23
Nitrobenzene-d5
Concen: 84.85 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF083559.D
Acq: 7 Dec 2015 16:30

Tgt Ion:	82	Resp:	995674
Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.7	46.1
54	54.9	42.5	63.7



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

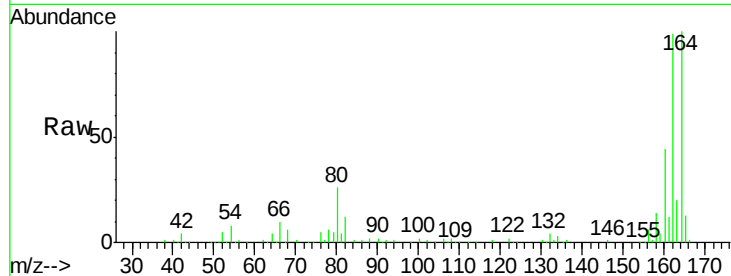




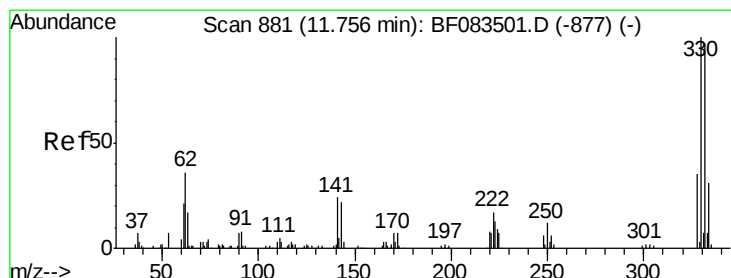
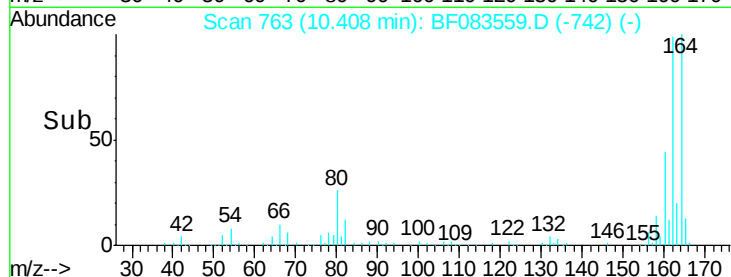
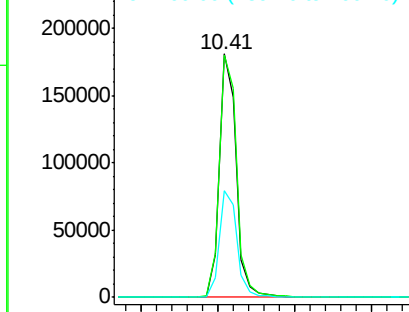
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083559.D
 Acq: 7 Dec 2015 16:30

Instrument :
 BNA_F
 ClientSampleID :
 PB87075BL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.8	118.2
160	44.1	33.4	50.2

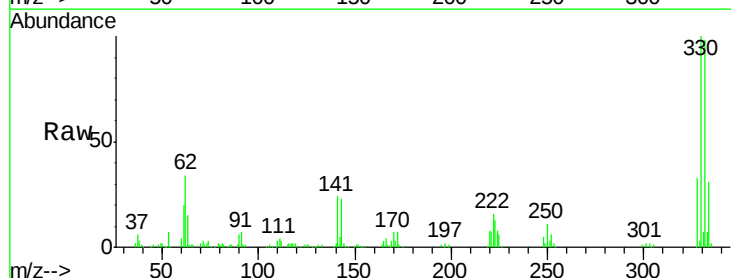


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

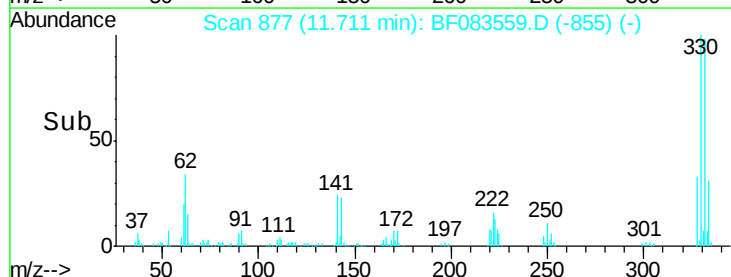
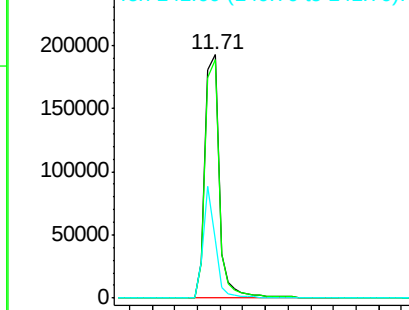


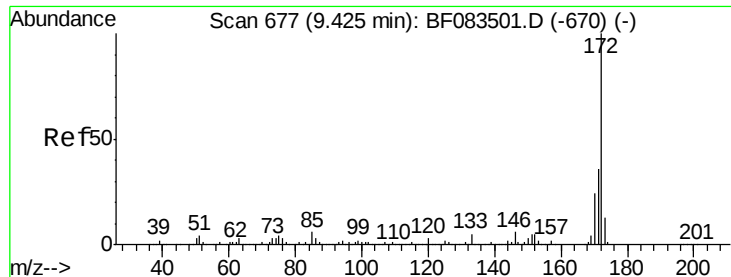
#41
 2,4,6-Tribromophenol
 Concen: 127.59 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083559.D
 Acq: 7 Dec 2015 16:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	38.7	0.0	0.0#



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: 79.63 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Instrument :

BNA_F

ClientSampleId :

PB87075BL

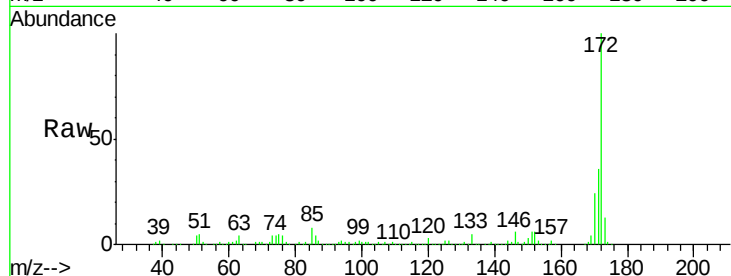
Tgt Ion:172 Resp: 1639099

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

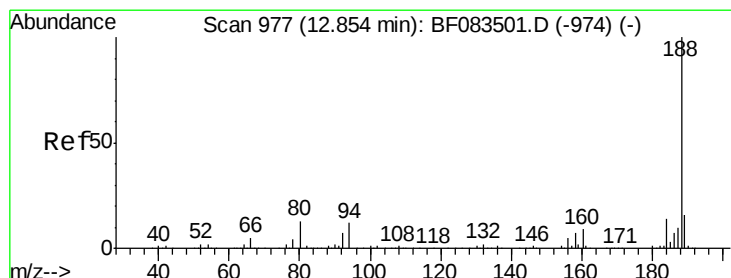
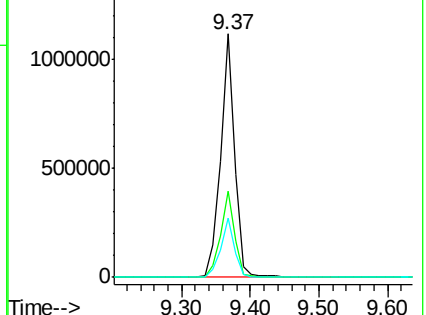
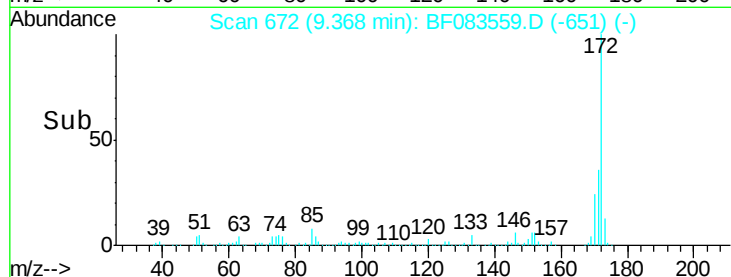
170 24.1 19.4 29.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 973

Delta R.T. -0.05 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

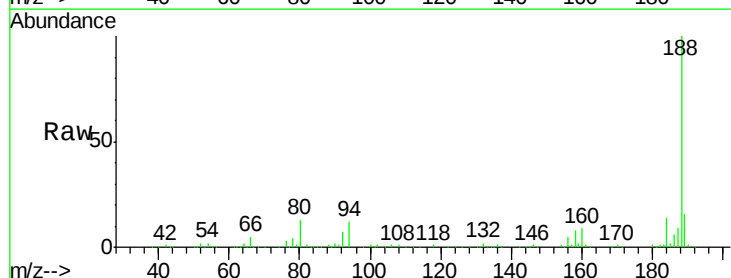
Tgt Ion:188 Resp: 548736

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

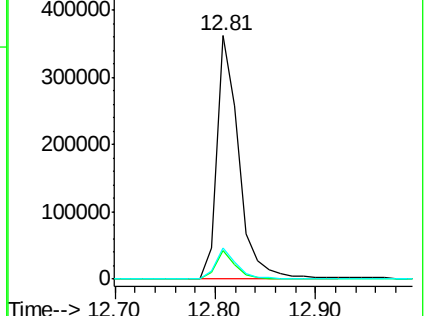
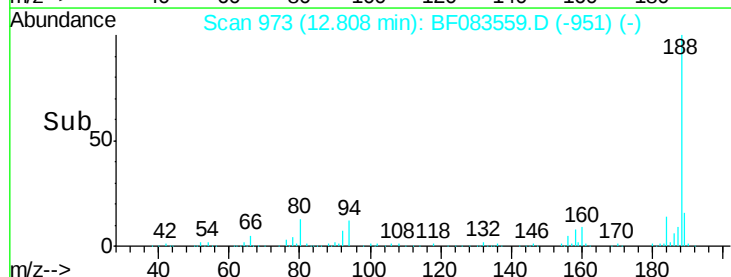
80 12.8 10.6 16.0

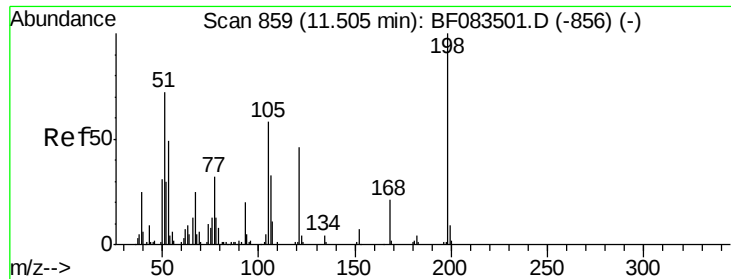


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.64 ng

RT: 11.70 min Scan# 876

Delta R.T. 0.20 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Instrument :

BNA_F

ClientSampleId :

PB87075BL

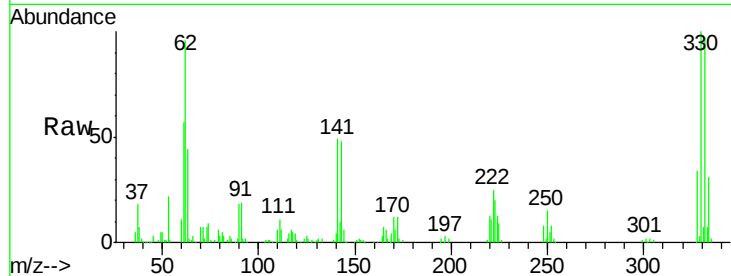
Tgt Ion:198 Resp: 638

Ion Ratio Lower Upper

198 100

51 267.4 53.8 93.8#

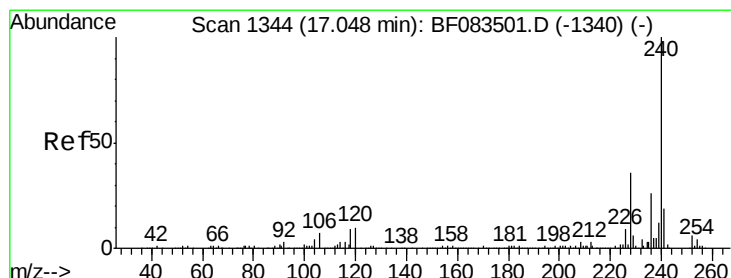
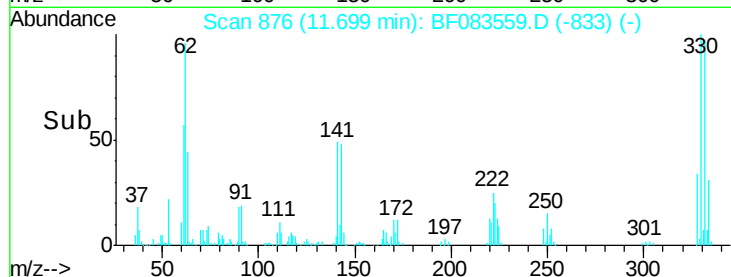
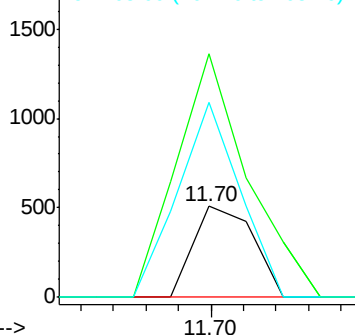
105 213.8 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

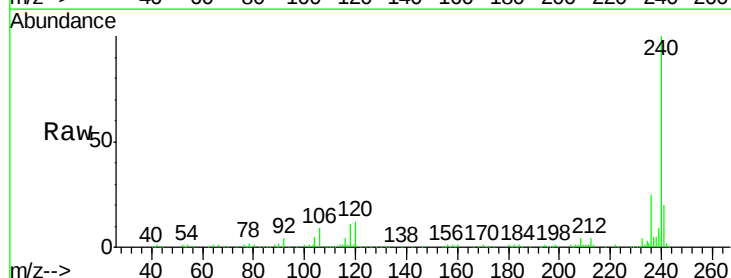
Tgt Ion:240 Resp: 484390

Ion Ratio Lower Upper

240 100

120 12.2 8.1 12.1#

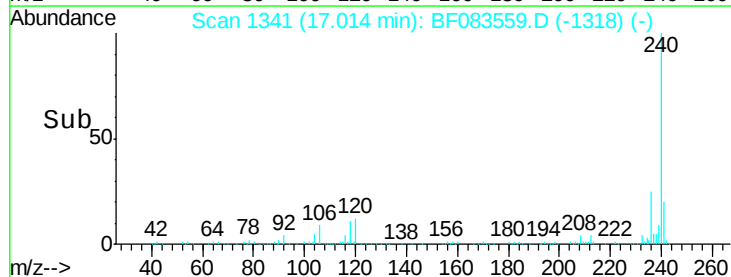
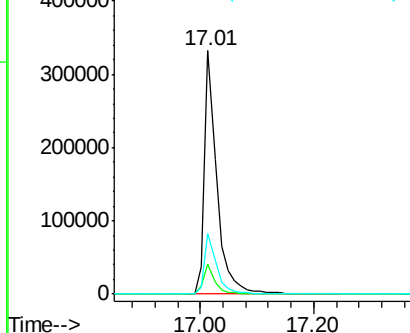
236 25.1 20.8 31.2

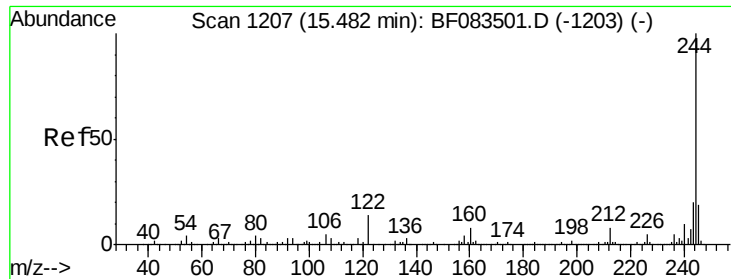


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

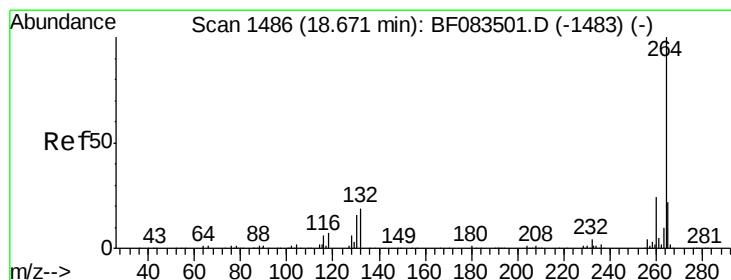
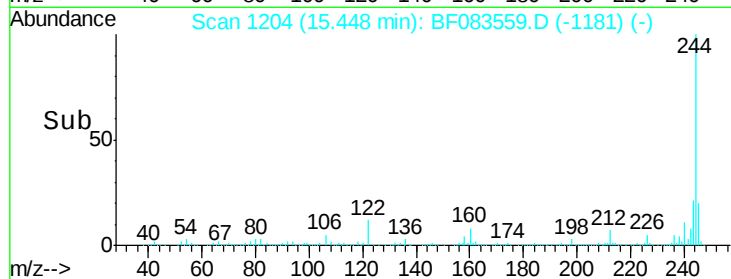
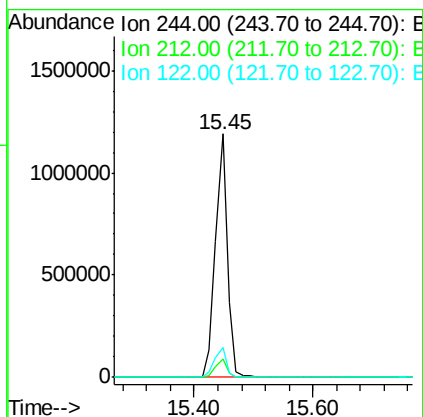
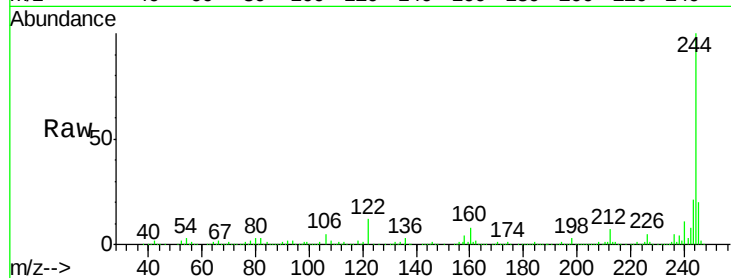




#78
 Terphenyl-d14
 Concen: 76.48 ng
 RT: 15.45 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: BF083559.D
 Acq: 7 Dec 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BL

Tgt Ion:244 Resp: 1664803
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.3 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF083559.D
 Acq: 7 Dec 2015 16:30

Tgt Ion:264 Resp: 381535
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.8 17.8 26.6

