

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083771.D
 Acq On : 14 Dec 2015 11:09
 Operator : UM/IZ
 Sample : G4761-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-1

Quant Time: Dec 14 11:40:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

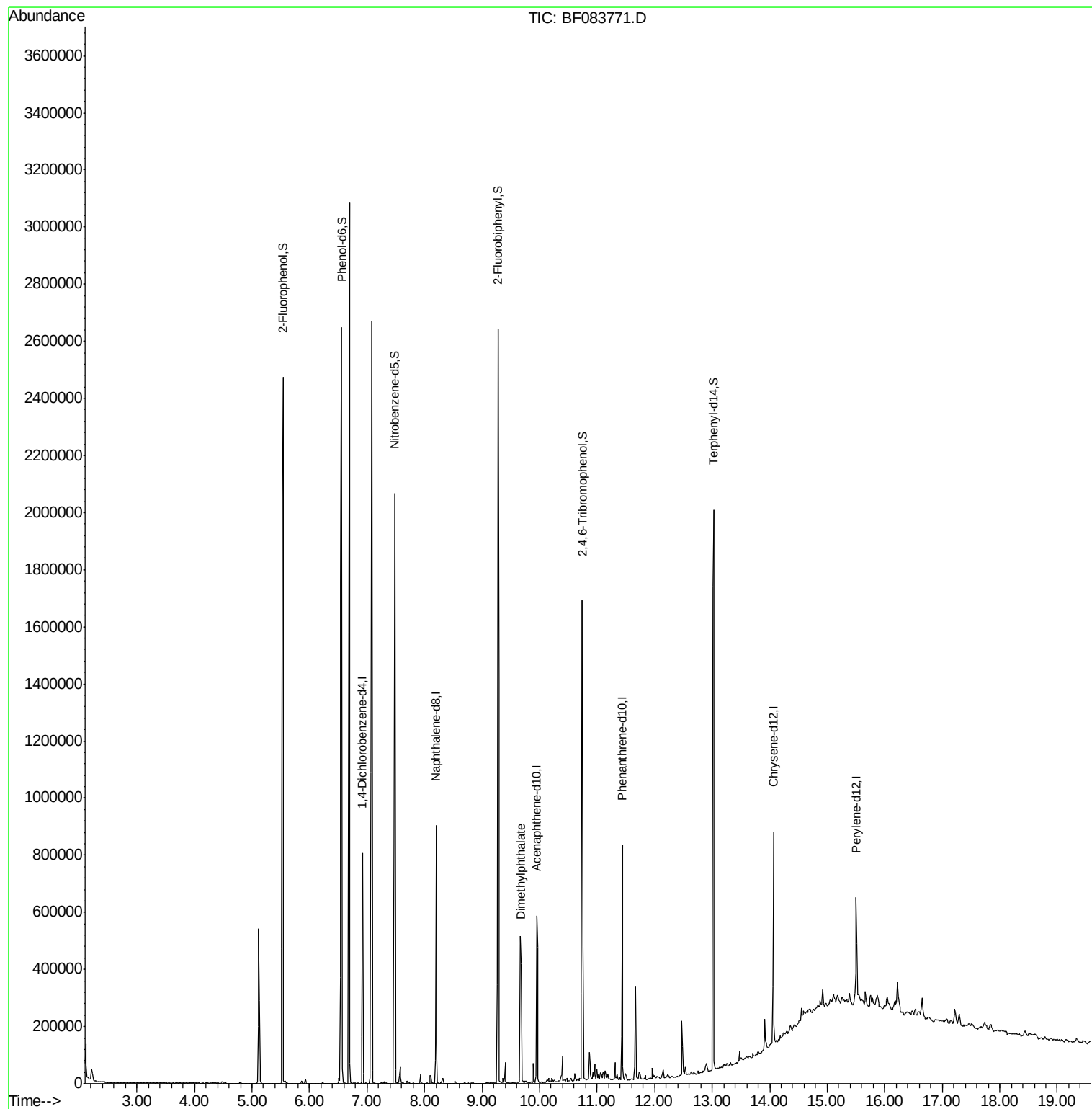
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	111920	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	387318	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	156372	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	274720	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	255553	20.00	ng	-0.01
86) Perylene-d12	15.51	264	174924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1040349	149.96	ng	0.01
7) Phenol-d6	6.56	99	1228154	139.79	ng	0.01
23) Nitrobenzene-d5	7.48	82	716649	103.52	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	215619	135.32	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1045666	106.19	ng	-0.01
78) Terphenyl-d14	13.03	244	873116	73.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	308559	25.31	ng	Qvalue 97

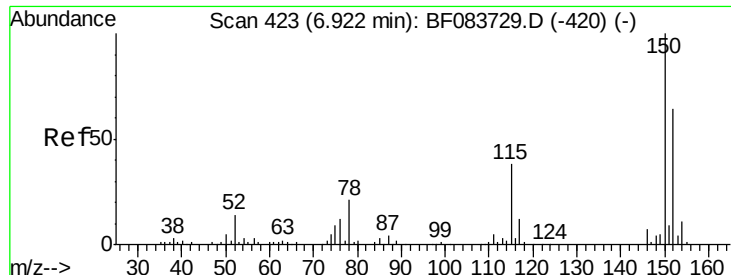
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083771.D

Acq: 14 Dec 2015 11:09

Instrument :

BNA_F

ClientSampleId :

BOTTOM-1

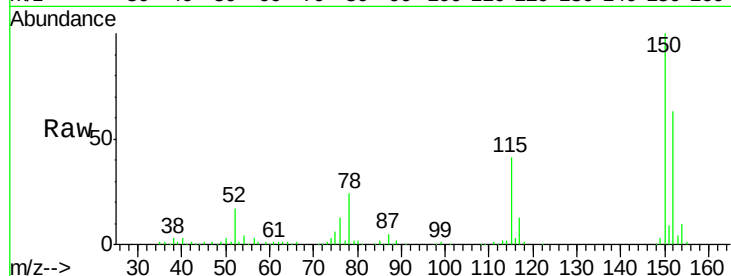
Tot Ion:152 Resp: 111920

Ion Ratio Lower Upper

152 100

150 157.9 126.5 189.7

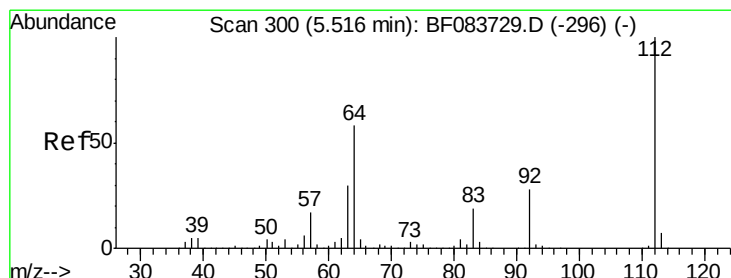
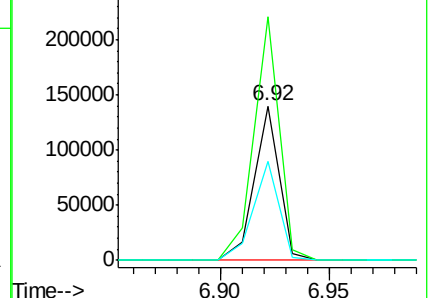
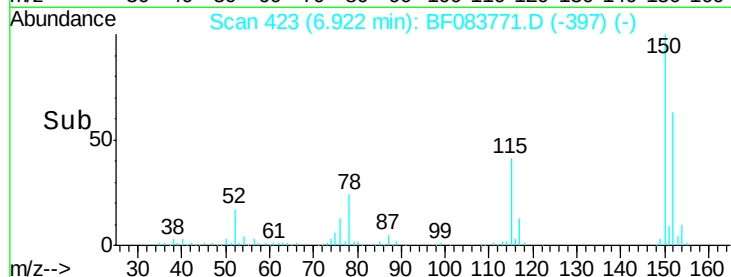
115 64.6 52.3 78.5



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: 149.96 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083771.D

Acq: 14 Dec 2015 11:09

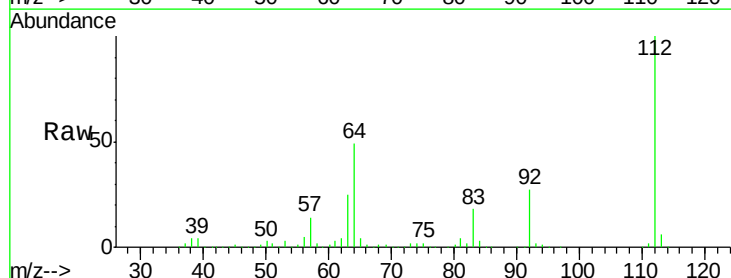
Tgt Ion:112 Resp: 1040349

Ion Ratio Lower Upper

112 100

64 49.1 50.5 75.7#

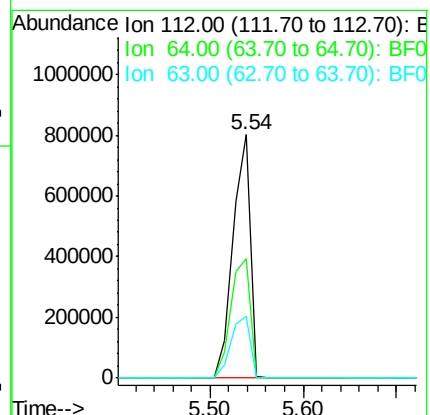
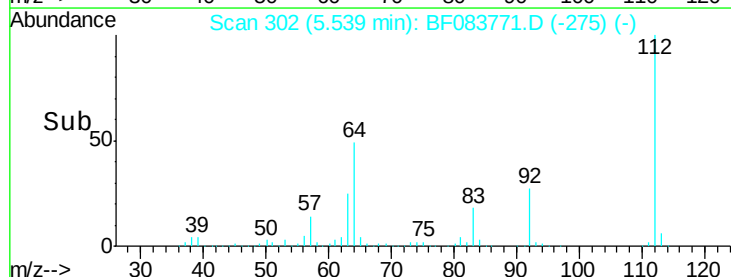
63 25.2 25.8 38.6#

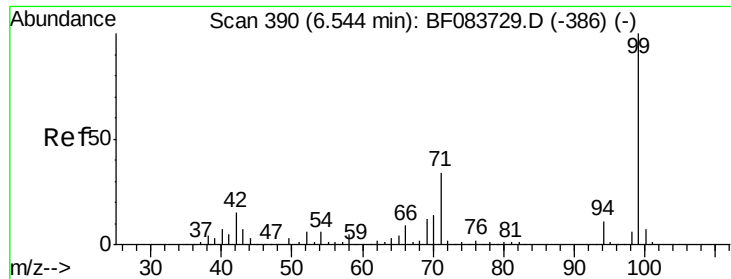


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.79 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083771.D

Acq: 14 Dec 2015 11:09

Instrument :

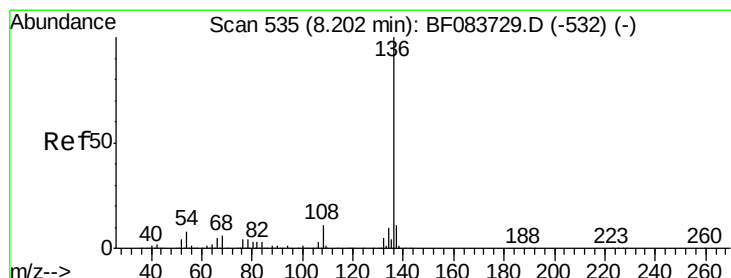
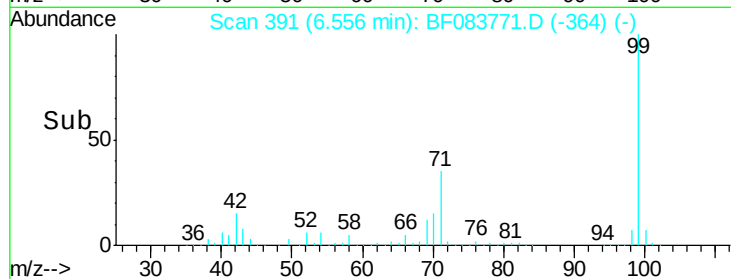
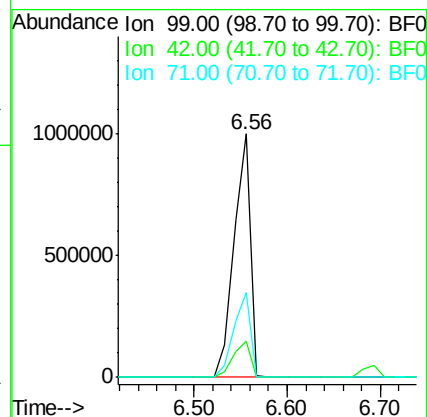
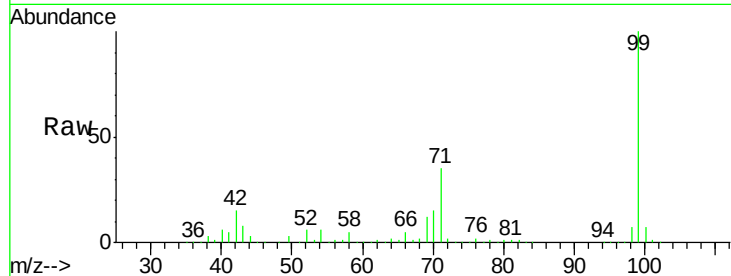
BNA_F

ClientSampleId :

BOTTOM-1

Tot Ion: 99 Resp: 1228154

Ion	Ratio	Lower	Upper
99	100		
42	14.9	17.3	25.9#
71	35.0	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

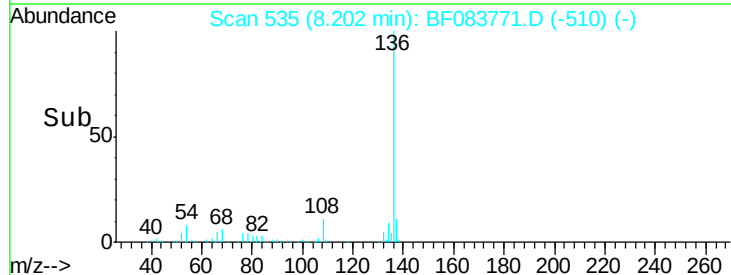
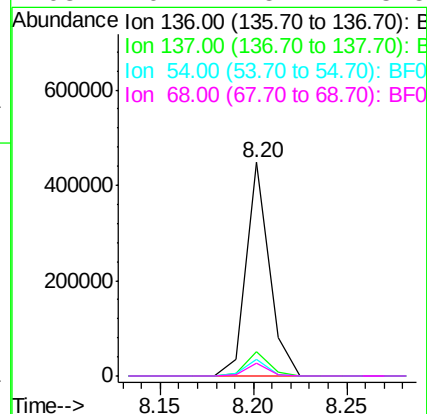
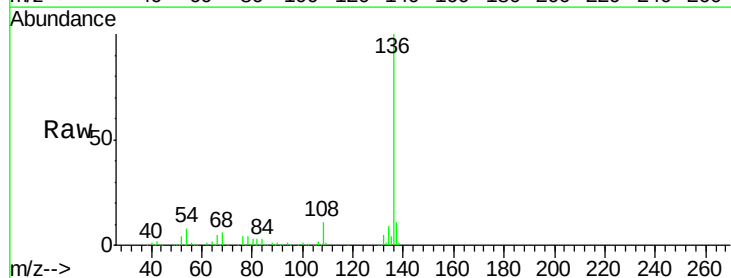
Delta R.T. -0.01 min

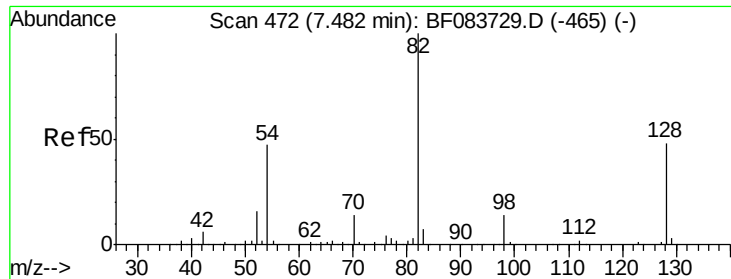
Lab File: BF083771.D

Acq: 14 Dec 2015 11:09

Tgt Ion: 136 Resp: 387318

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.5	7.8	11.6#
68	6.2	5.7	8.5

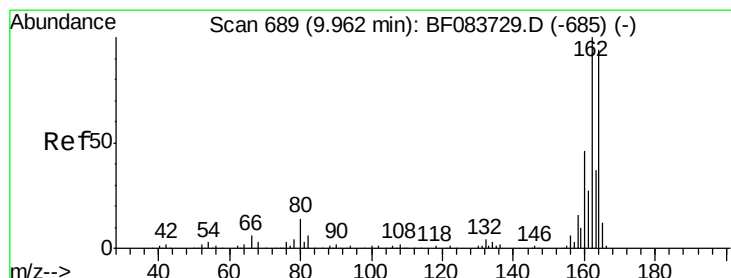
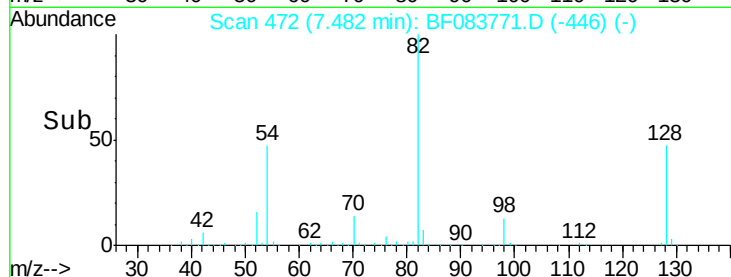
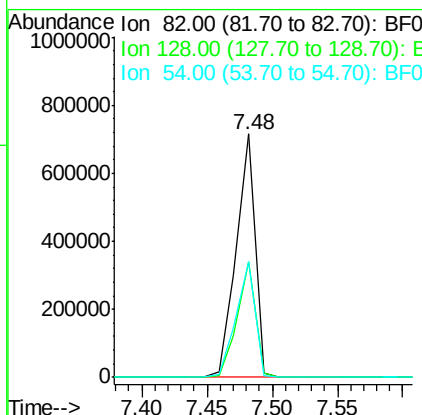
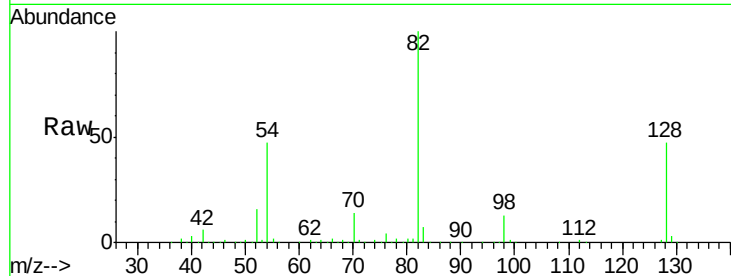




#23
Nitrobenzene-d5
Concen: 103.52 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083771.D
Acq: 14 Dec 2015 11:09

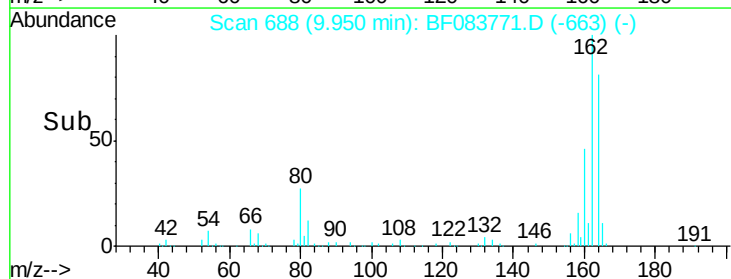
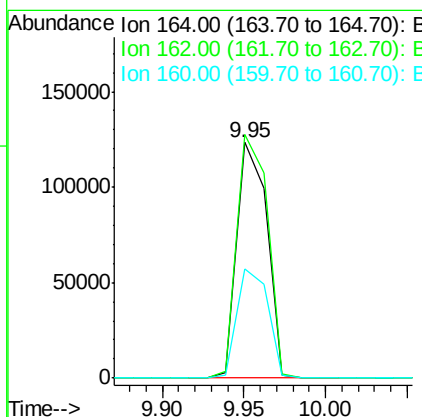
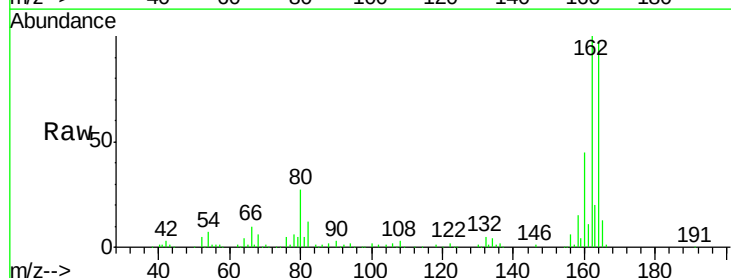
Instrument :
BNA_F
ClientSampled :
BOTTOM-1

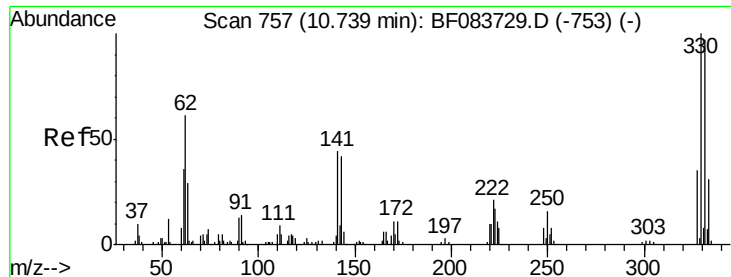
Tot Ion: 82 Resp: 716649
Ion Ratio Lower Upper
82 100
128 47.3 30.7 46.1#
54 47.3 42.5 63.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083771.D
Acq: 14 Dec 2015 11:09

Tgt Ion:164 Resp: 156372
Ion Ratio Lower Upper
164 100
162 103.2 78.8 118.2
160 46.5 33.4 50.2

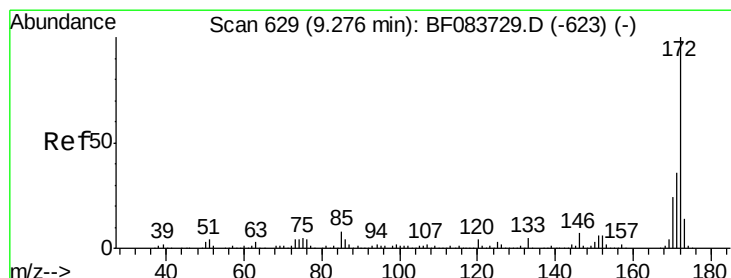
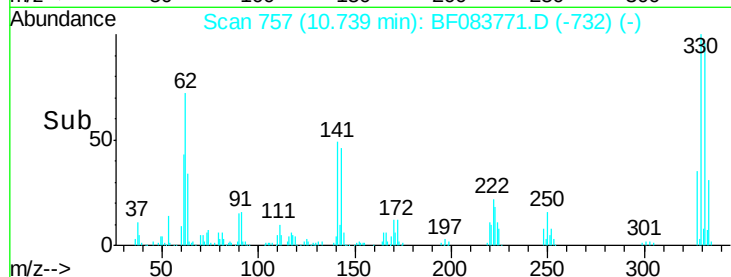
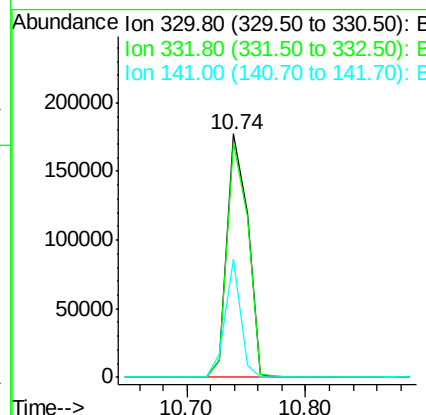
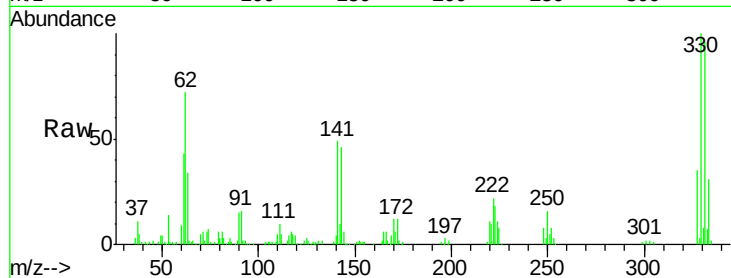




#41
 2,4,6-Tribromophenol
 Concen: 135.32 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083771.D
 Acq: 14 Dec 2015 11:09

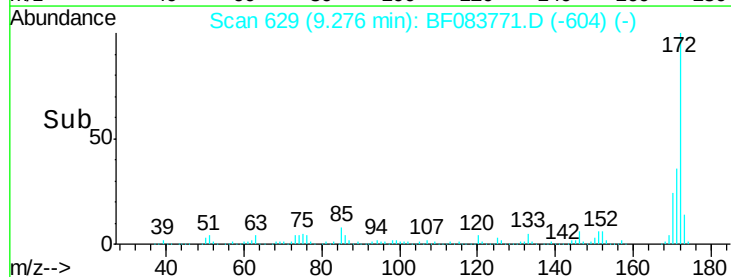
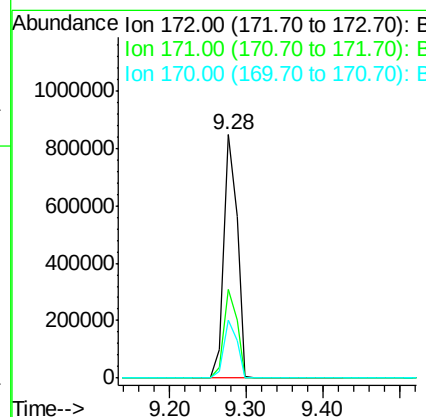
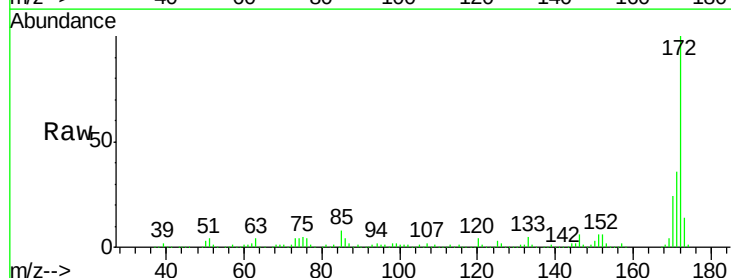
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-1

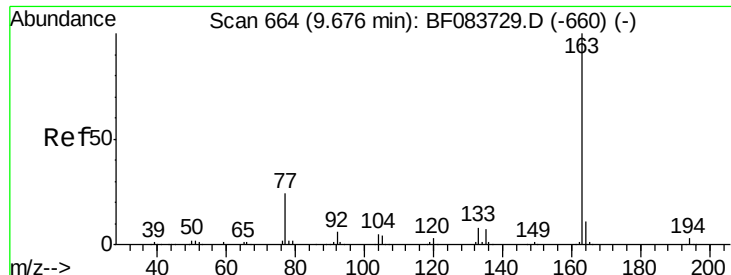
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	36.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 106.19 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083771.D
 Acq: 14 Dec 2015 11:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.0	19.4	29.0





#49

Dimethylphthalate

Concen: 25.31 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083771.D

Acq: 14 Dec 2015 11:09

Instrument :

BNA_F

ClientSampleId :

BOTTOM-1

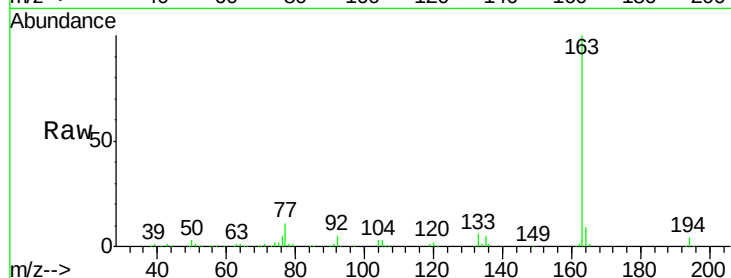
Tot Ion:163 Resp: 308559

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

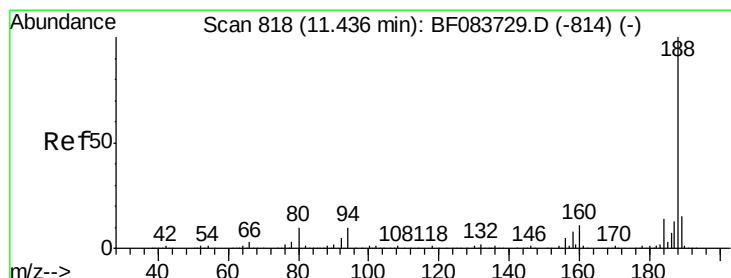
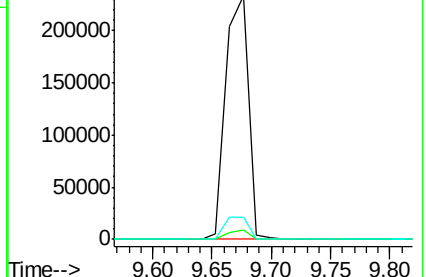
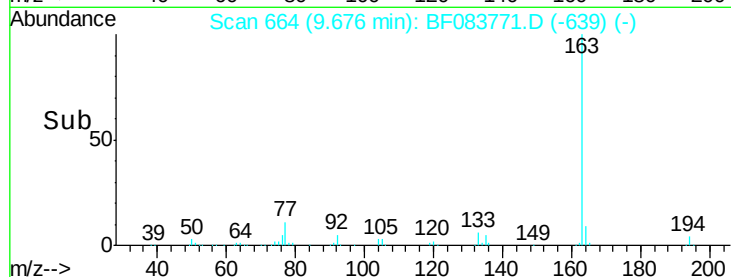
164 9.3 8.6 13.0



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: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083771.D

Acq: 14 Dec 2015 11:09

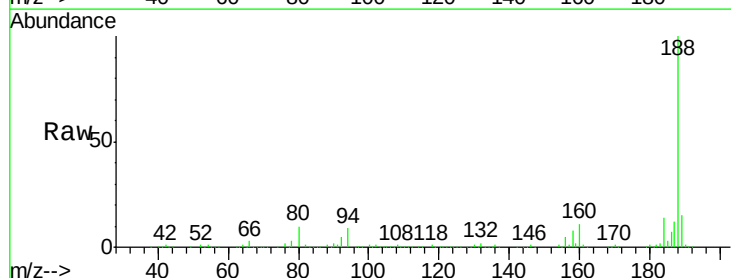
Tgt Ion:188 Resp: 274720

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

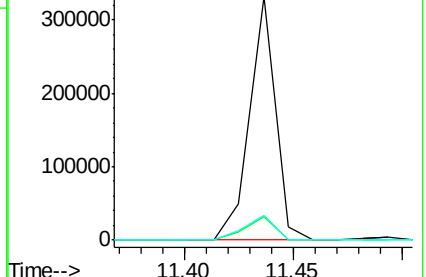
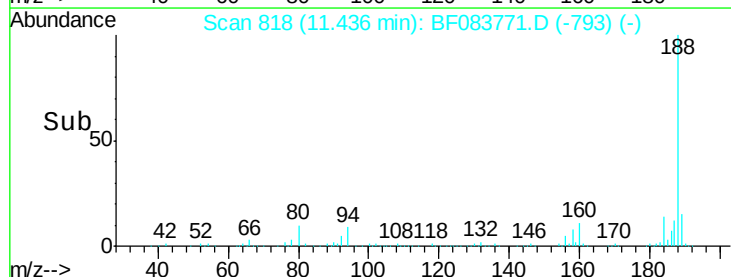
80 10.0 10.6 16.0

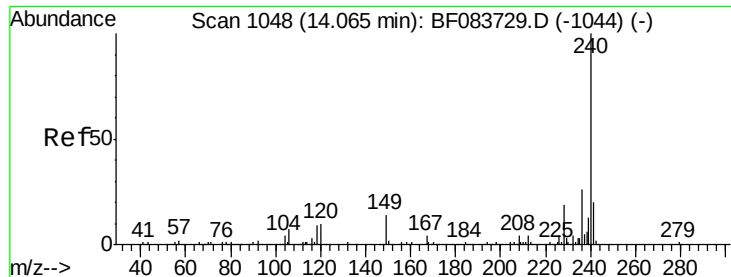


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083771.D

Acq: 14 Dec 2015 11:09

Instrument :

BNA_F

ClientSampleId :

BOTTOM-1

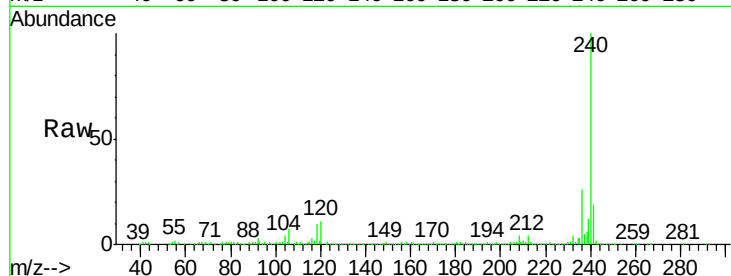
Tot Ion:240 Resp: 255553

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

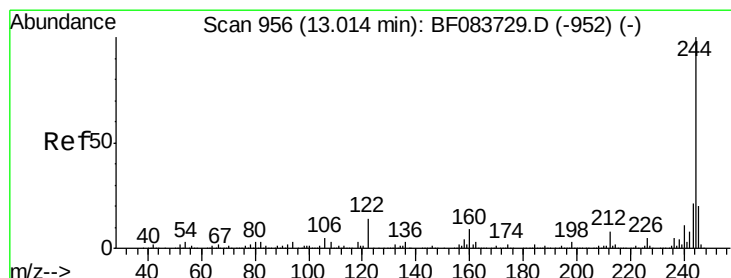
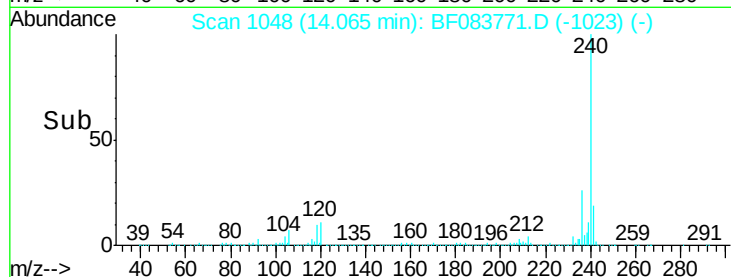
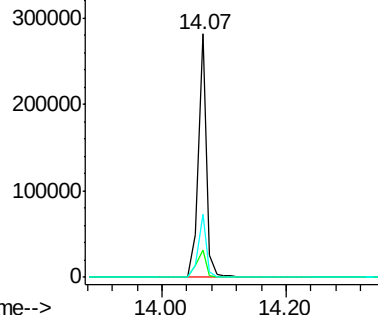
236 26.1 20.8 31.2



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: 73.49 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083771.D

Acq: 14 Dec 2015 11:09

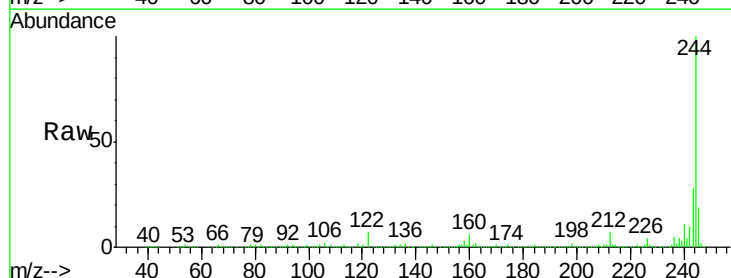
Tgt Ion:244 Resp: 873116

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

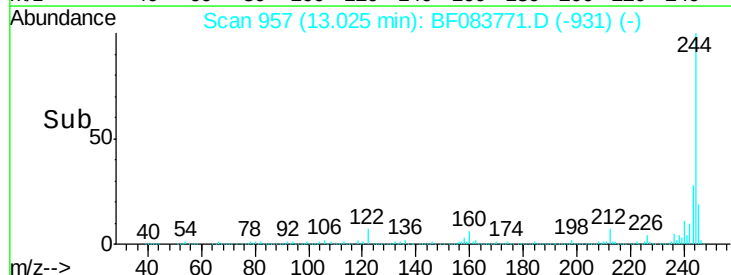
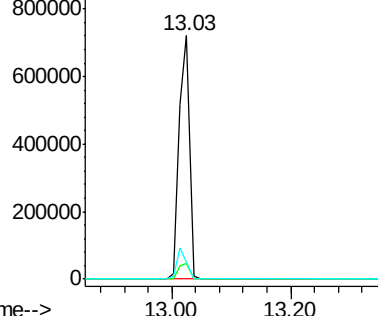
122 7.2 11.0 16.6#

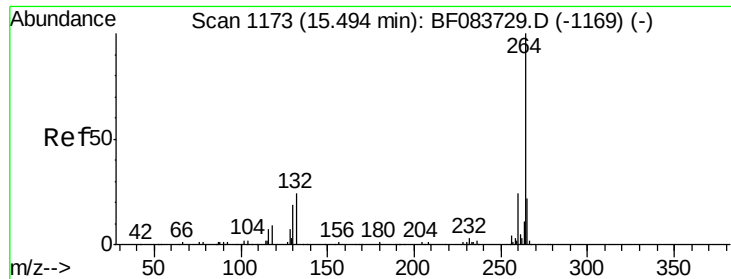


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

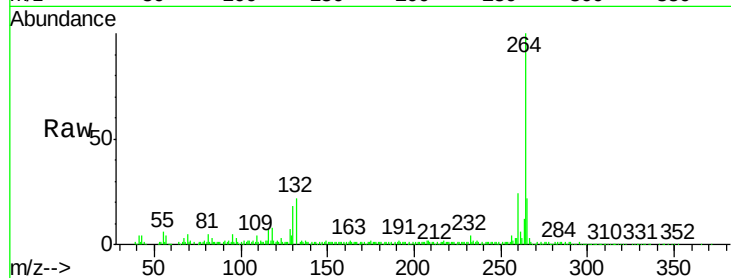




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083771.D
Acq: 14 Dec 2015 11:09

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.7	17.8	26.6



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

