

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078866.D
 Acq On : 1 May 2015 00:09
 Operator : TP/IZ
 Sample : G2044-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-60D

Quant Time: May 01 01:21:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

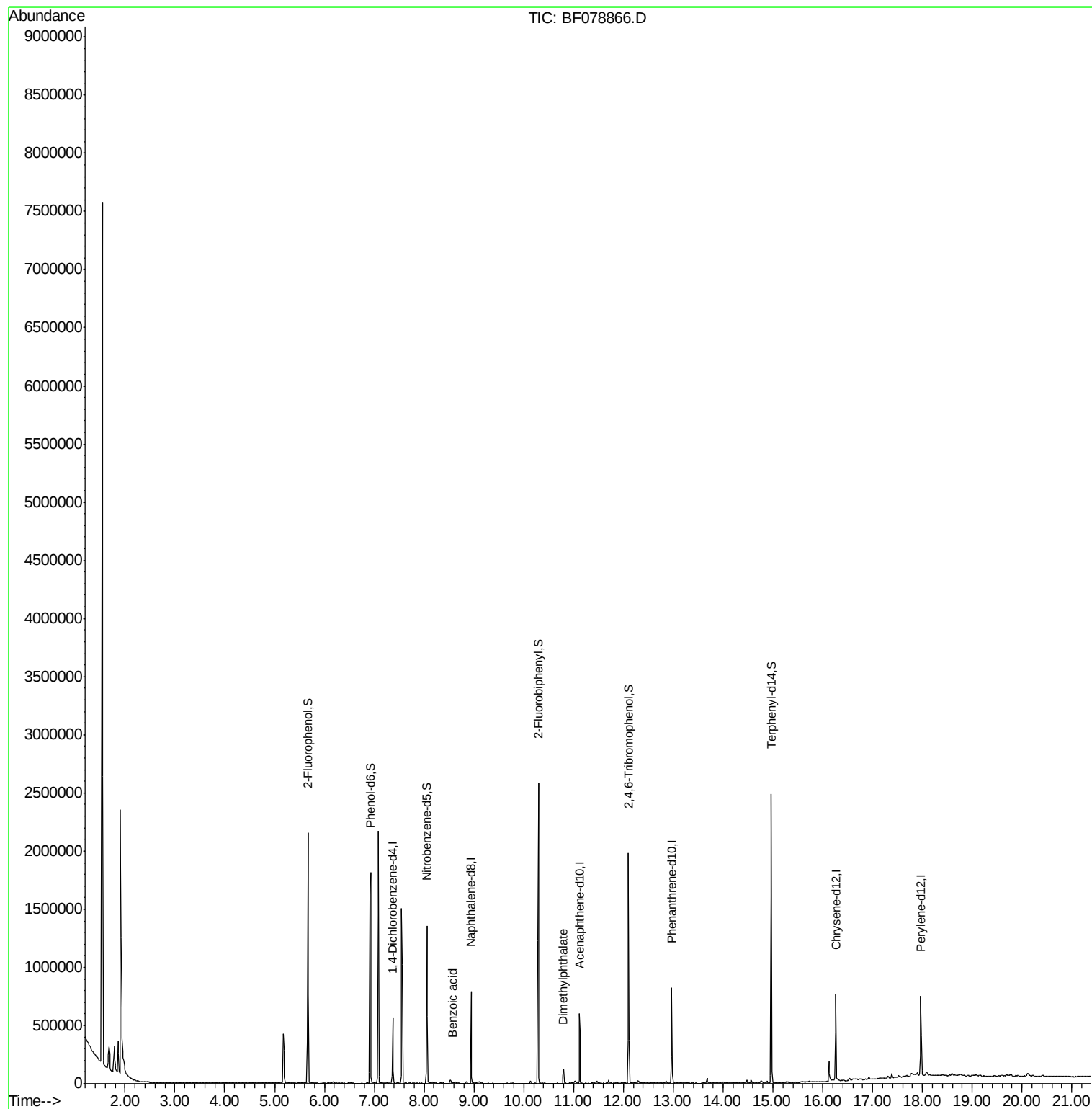
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	82707	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	332779	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	155823	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	303215	20.00	ng	0.00
75) Chrysene-d12	16.26	240	314859	20.00	ng	-0.01
86) Perylene-d12	17.97	264	319938	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	652544	135.81	ng	0.00
7) Phenol-d6	6.92	99	913136	143.78	ng	0.01
23) Nitrobenzene-d5	8.06	82	467439	80.73	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	239157	141.87	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	909445	81.31	ng	0.00
78) Terphenyl-d14	14.97	244	1024057	77.87	ng	0.00
Target Compounds						
32) Benzoic acid	8.57	122	1819	6.84	ng	Qvalue # 84
49) Dimethylphthalate	10.80	163	57568	5.03	ng	98

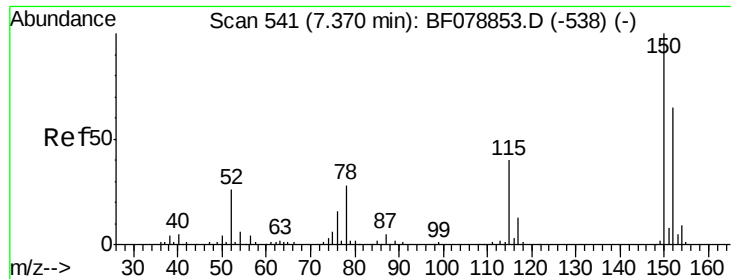
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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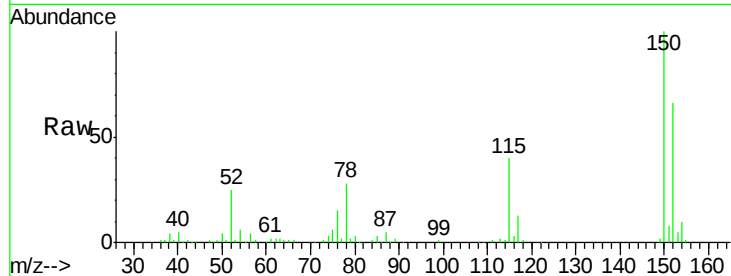


#1

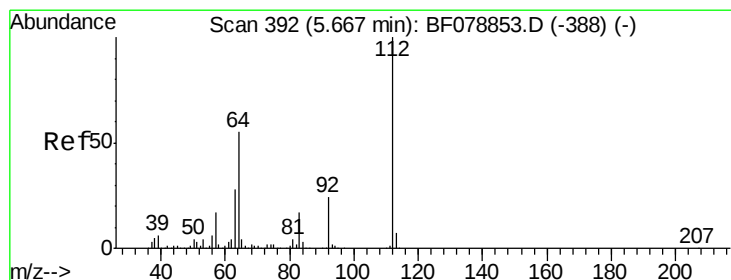
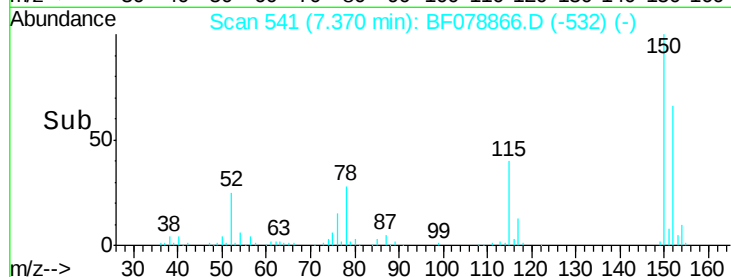
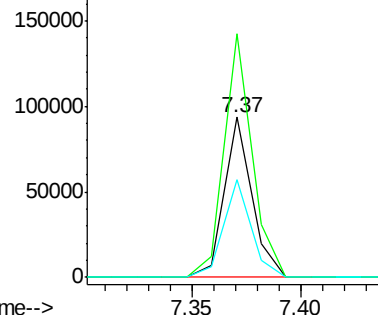
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078866.D
Acq: 1 May 2015 00:09

Instrument :
BNA_F
ClientSampleId :
SB-60D

Tot Ion:152 Resp: 82707
Ion Ratio Lower Upper
152 100
150 152.3 122.0 183.0
115 60.8 46.3 69.5



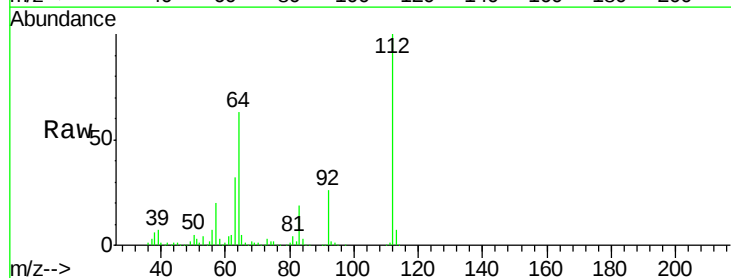
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



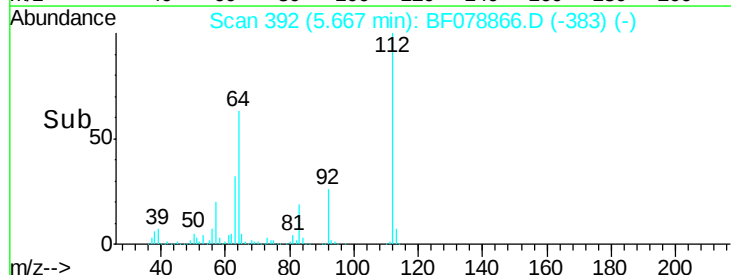
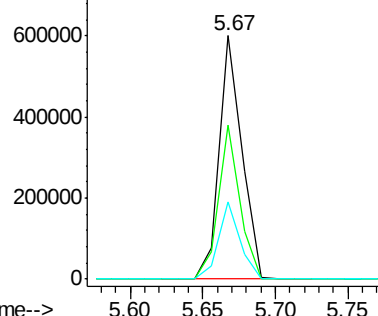
#5

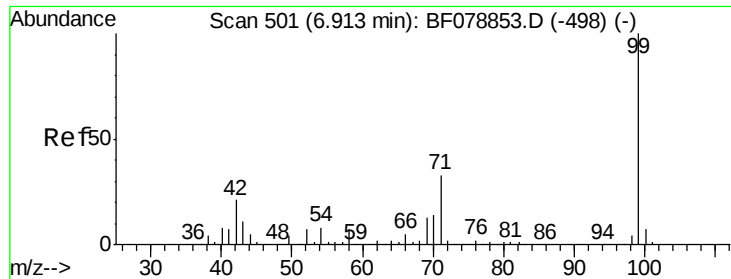
2-Fluorophenol
Concen: 135.81 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078866.D
Acq: 1 May 2015 00:09

Tgt Ion:112 Resp: 652544
Ion Ratio Lower Upper
112 100
64 63.3 53.5 80.3
63 31.5 27.5 41.3



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: 143.78 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078866.D

Acq: 1 May 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-60D

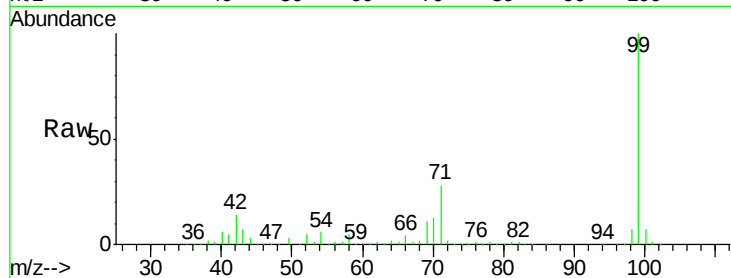
Tot Ion: 99 Resp: 913136

Ion Ratio Lower Upper

99 100

42 14.4 12.8 19.2

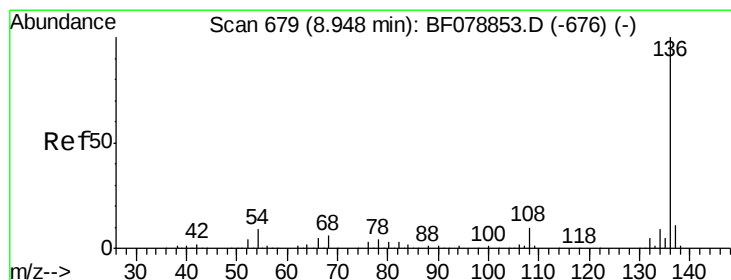
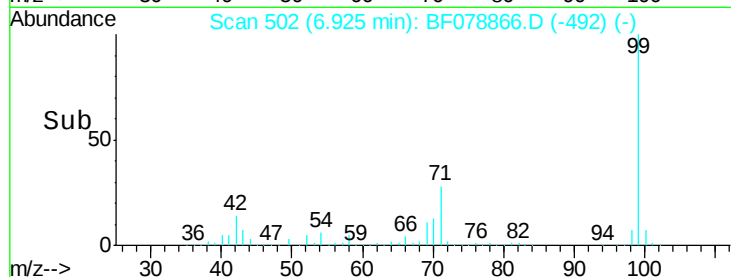
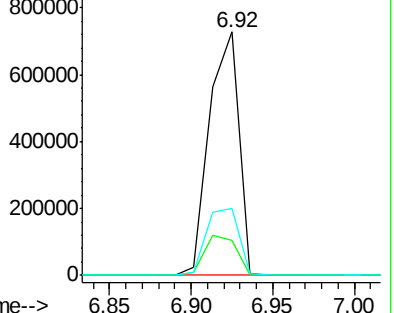
71 27.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078866.D

Acq: 1 May 2015 00:09

Tgt Ion: 136 Resp: 332779

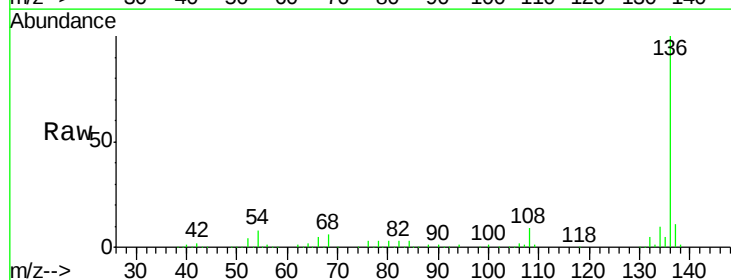
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.8 5.8 8.8

68 5.9 4.2 6.4

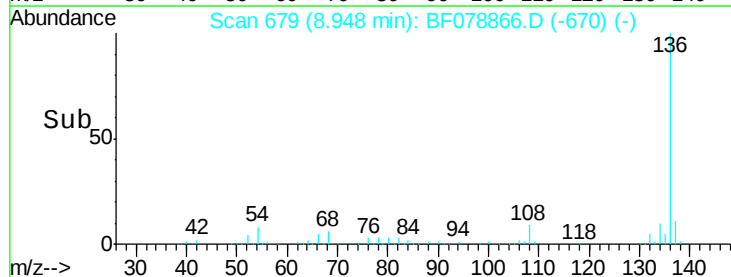
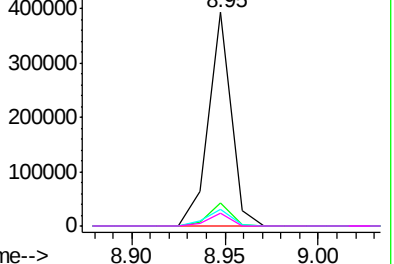


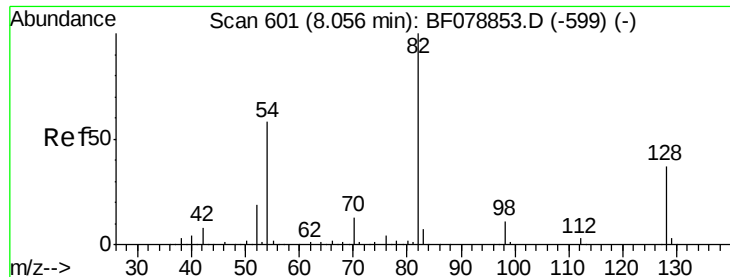
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

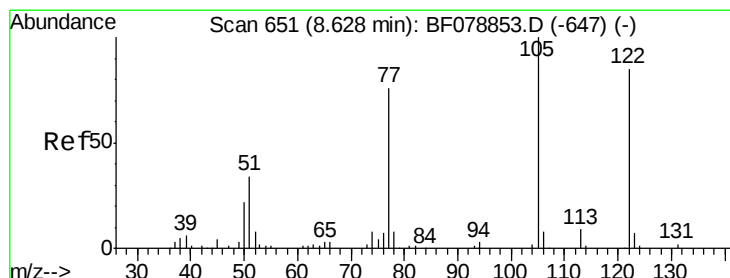
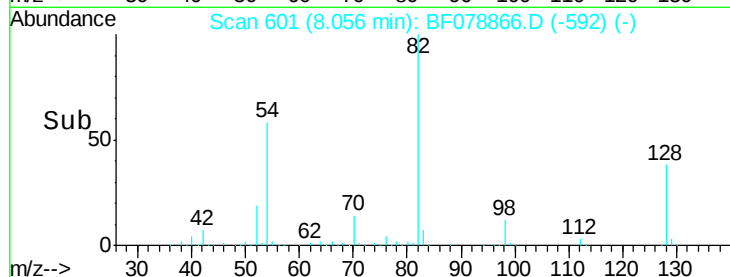
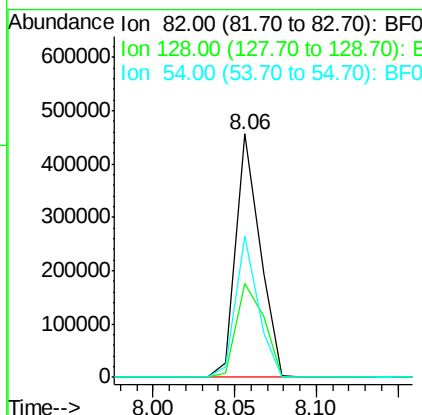
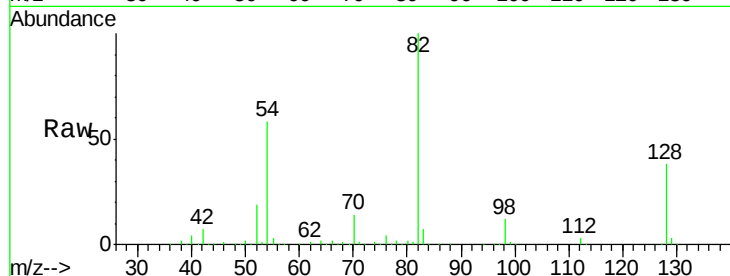




#23
Nitrobenzene-d5
Concen: 80.73 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078866.D
Acq: 1 May 2015 00:09

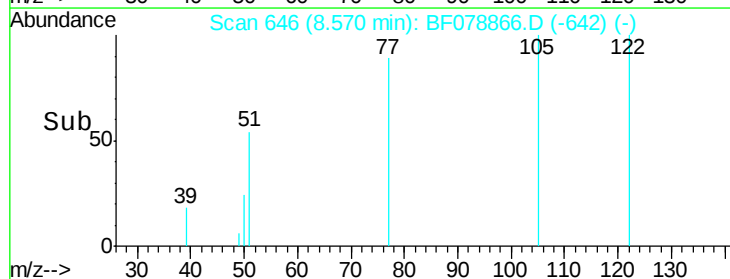
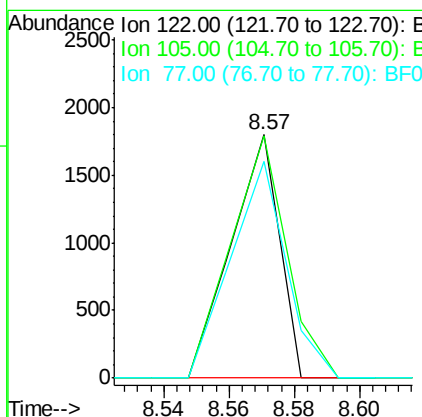
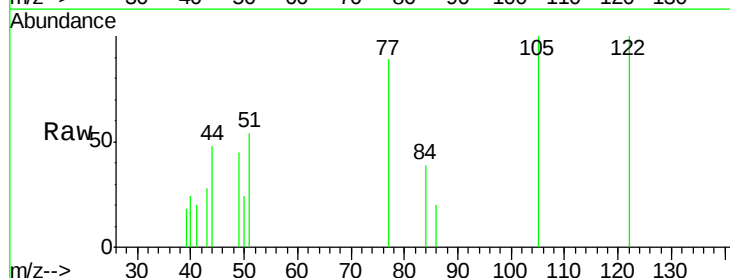
Instrument :
BNA_F
ClientSampled :
SB-60D

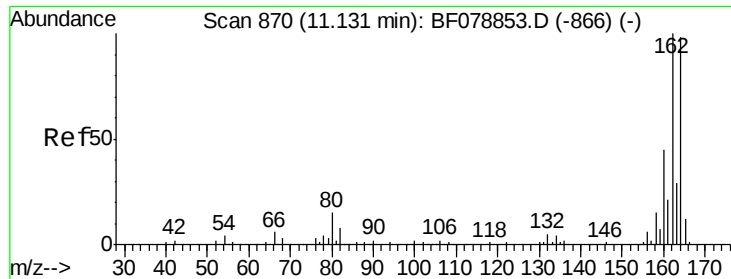
Tot Ion: 82 Resp: 467439
Ion Ratio Lower Upper
82 100
128 38.3 30.0 45.0
54 58.1 46.4 69.6



#32
Benzoic acid
Concen: 6.84 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF078866.D
Acq: 1 May 2015 00:09

Tgt Ion:122 Resp: 1819
Ion Ratio Lower Upper
122 100
105 99.7 107.1 147.1#
77 88.8 73.9 113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF078866.D

Acq: 1 May 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-60D

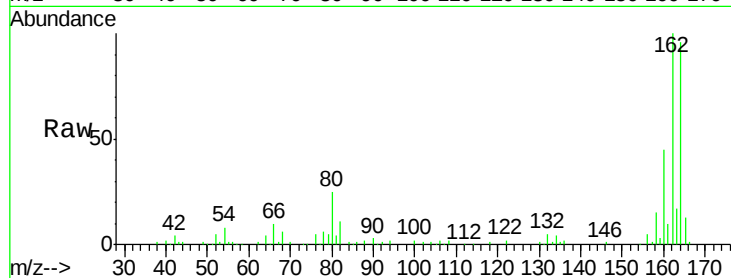
Tot Ion:164 Resp: 155823

Ion Ratio Lower Upper

164 100

162 103.8 82.7 124.1

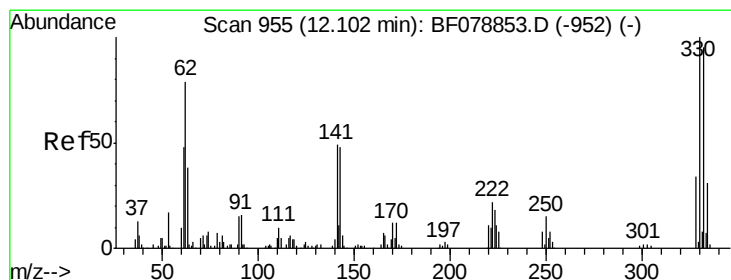
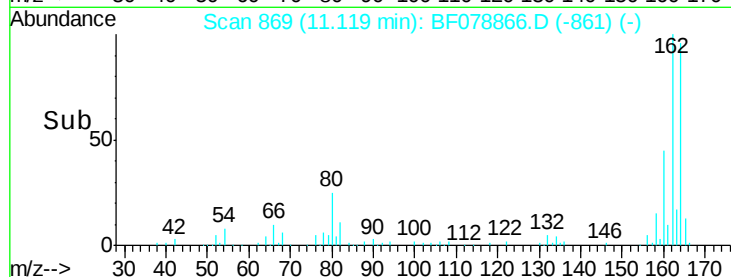
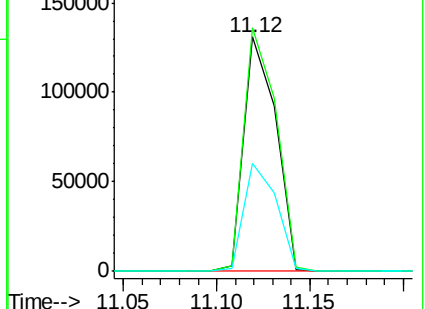
160 46.3 35.8 53.8



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: 141.87 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF078866.D

Acq: 1 May 2015 00:09

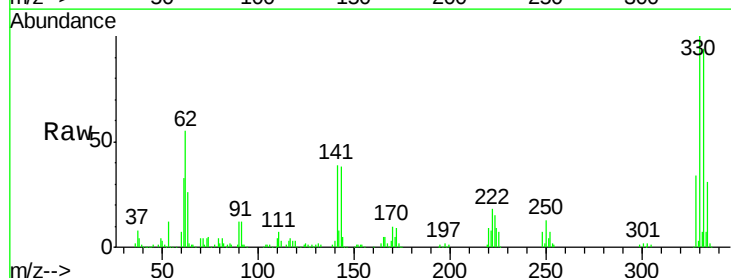
Tgt Ion:330 Resp: 239157

Ion Ratio Lower Upper

330 100

332 94.8 0.0 0.0#

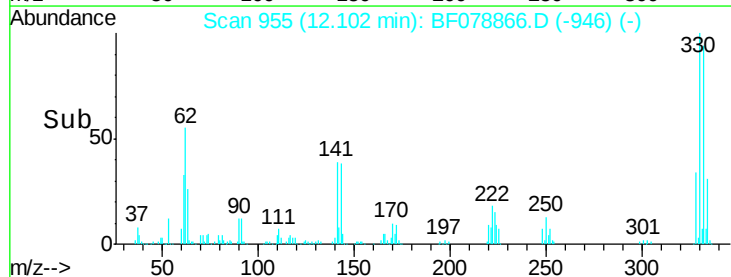
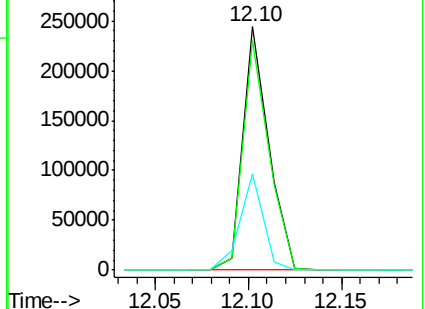
141 35.9 0.0 0.0#

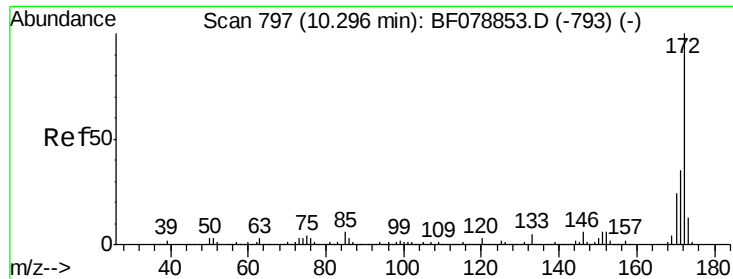


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

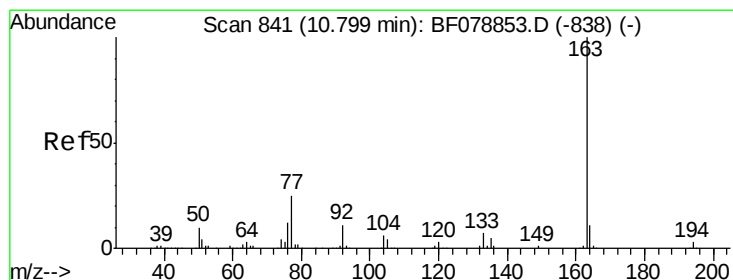
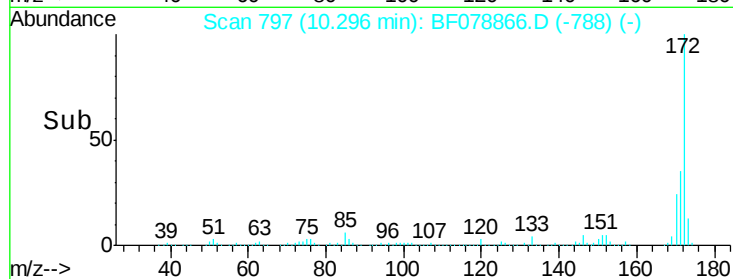
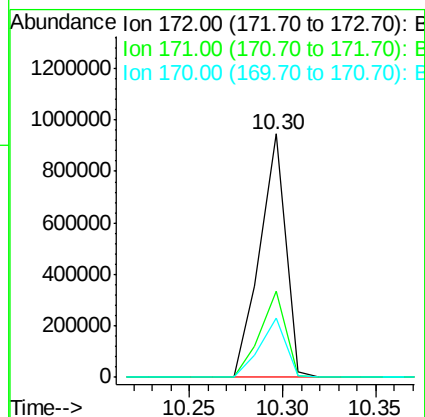
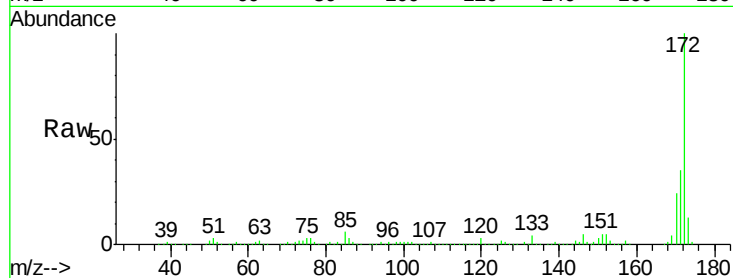




#44
2-Fluorobiphenyl
Concen: 81.31 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078866.D
Acq: 1 May 2015 00:09

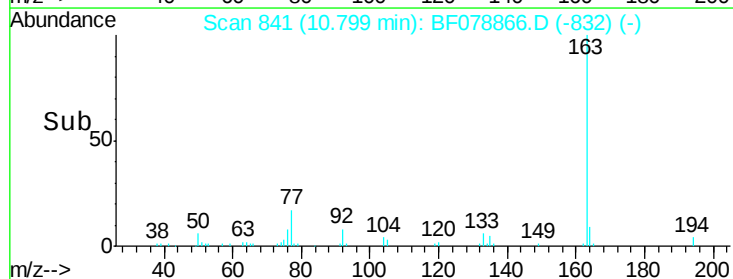
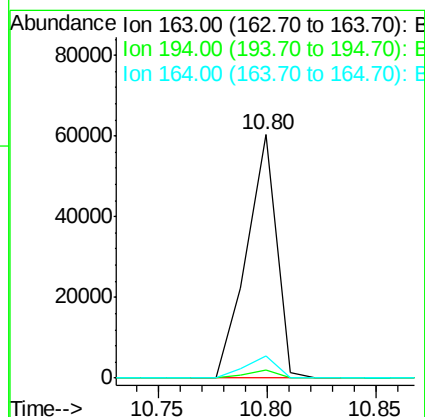
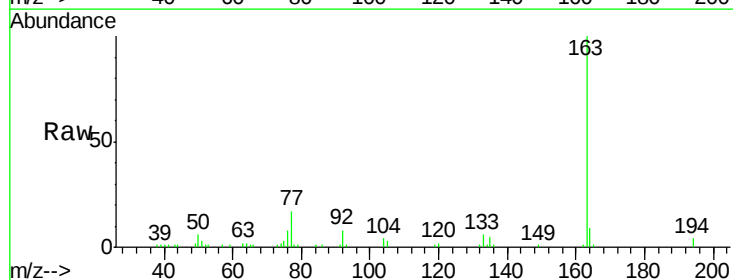
Instrument :
BNA_F
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SB-60D

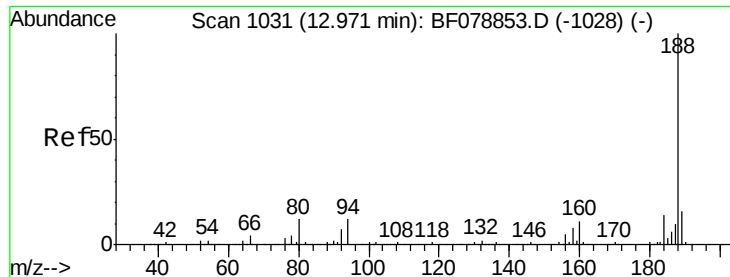
Tot Ion:172 Resp: 909445
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 24.1 19.4 29.0



#49
Dimethylphthalate
Concen: 5.03 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078866.D
Acq: 1 May 2015 00:09

Tgt Ion:163 Resp: 57568
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.2 8.1 12.1

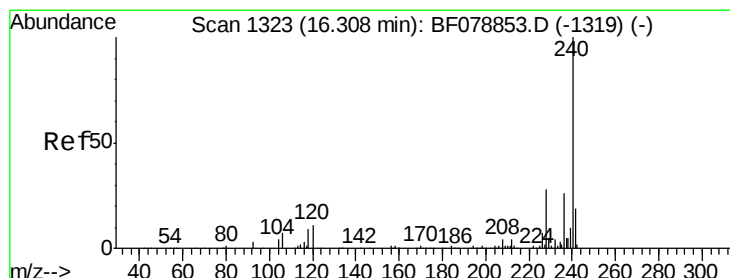
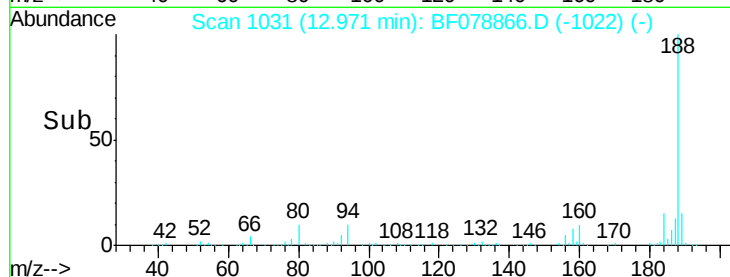
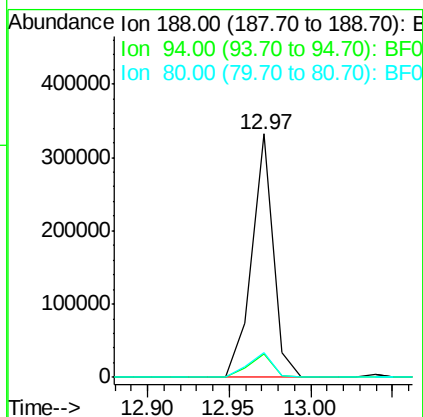
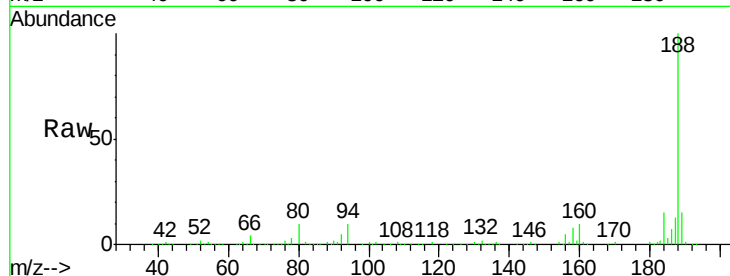




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078866.D
Acq: 1 May 2015 00:09

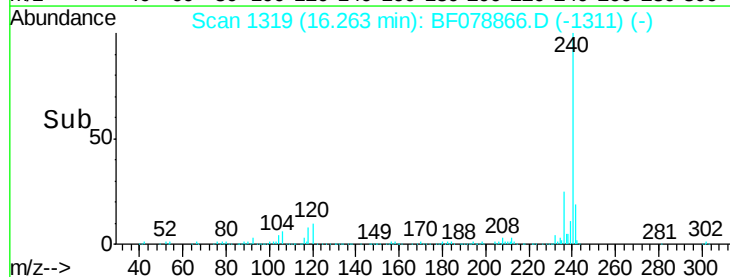
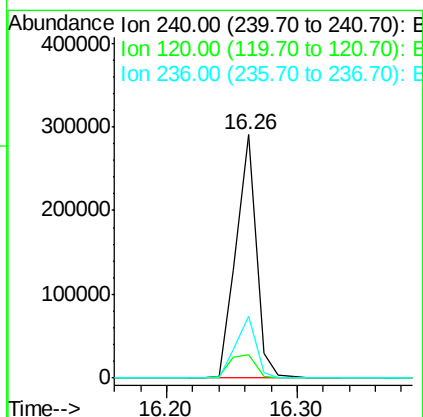
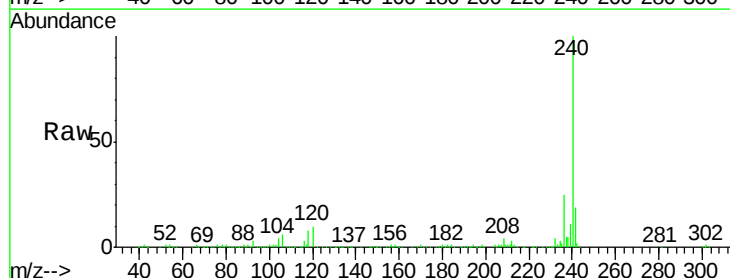
Instrument :
BNA_F
ClientSampleId :
SB-60D

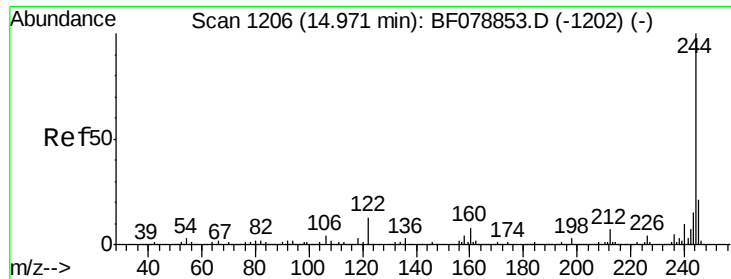
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.3	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF078866.D
Acq: 1 May 2015 00:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.7	14.5
236	25.4	20.2	30.4

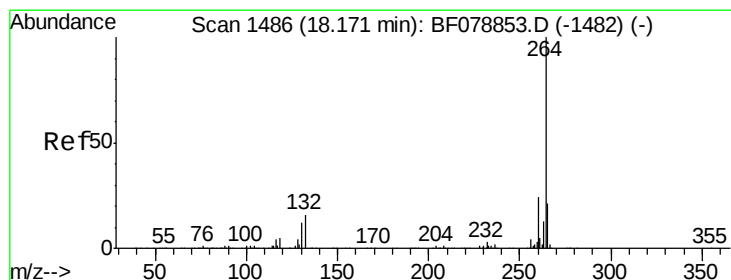
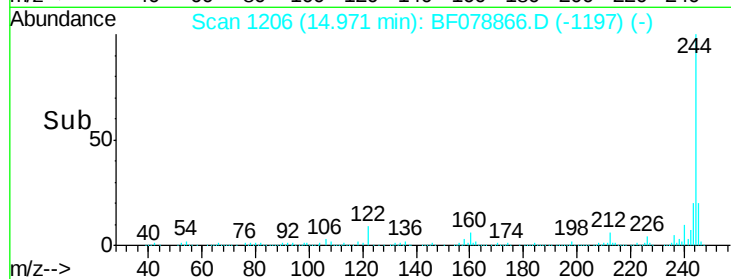
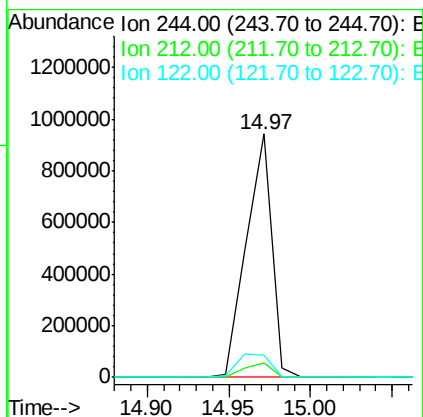
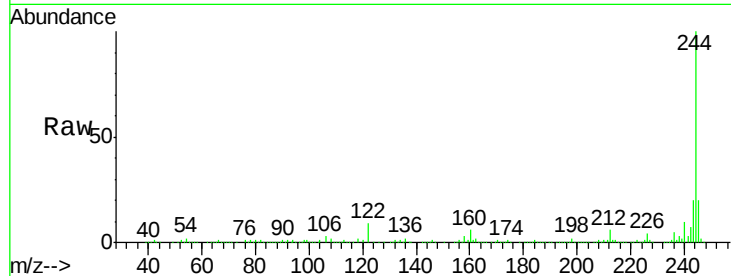




#78
 Terphenyl-d14
 Concen: 77.87 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF078866.D
 Acq: 1 May 2015 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-60D

Tot Ion:244 Resp: 1024057
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 9.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1468
 Delta R.T. -0.07 min
 Lab File: BF078866.D
 Acq: 1 May 2015 00:09

Tgt Ion:264 Resp: 319938
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.6 18.3 27.5

