

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077947.D
 Acq On : 25 Mar 2015 10:16
 Operator : TP/IZ
 Sample : G1615-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-2

Quant Time: Mar 25 11:24:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 11:05:58 2015
 Response via : Initial Calibration

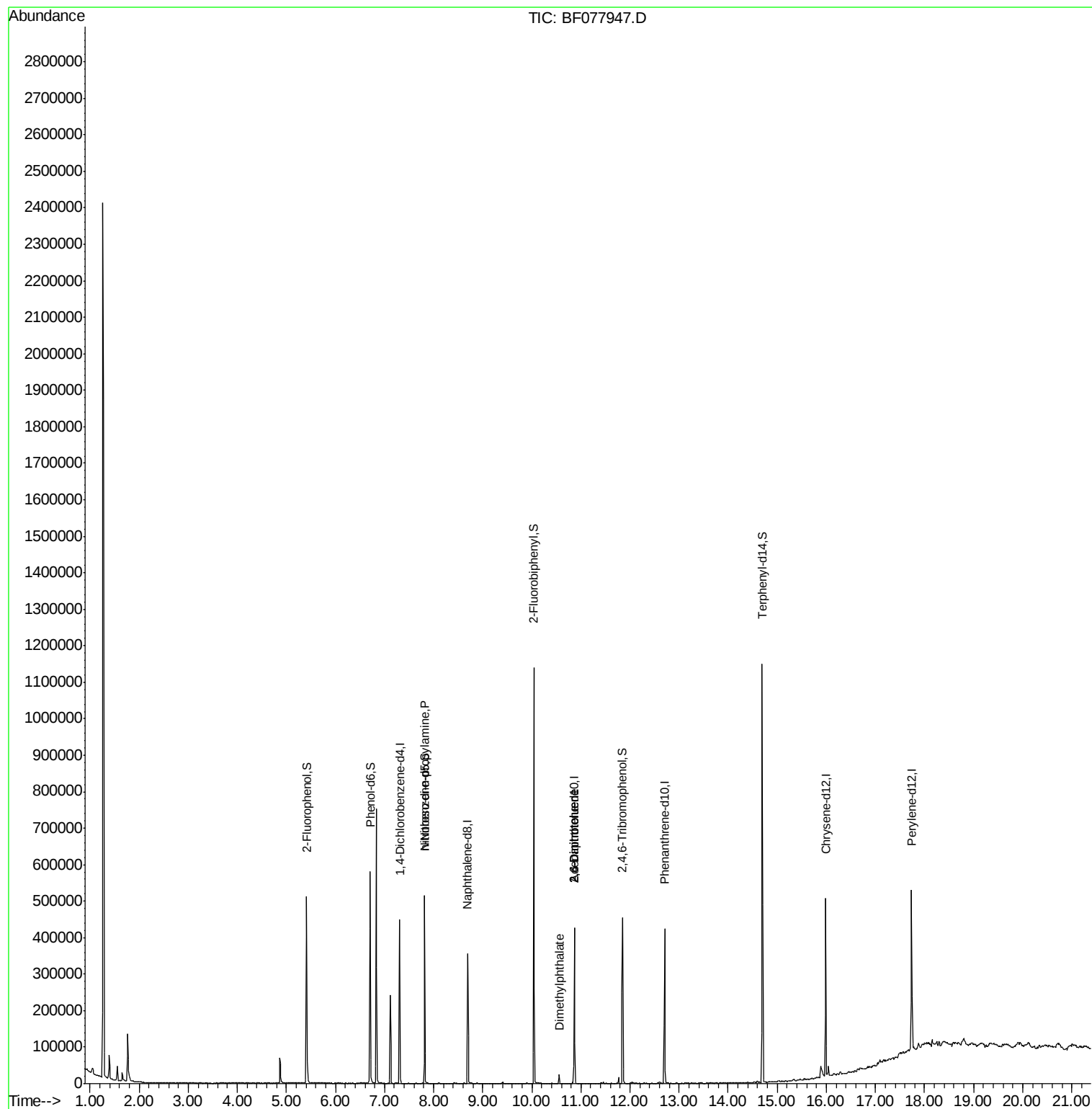
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	110035	20.00	ng	0.19
21) Naphthalene-d8	8.69	136	179449	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	88964	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	176302	20.00	ng	0.01
75) Chrysene-d12	15.99	240	195623	20.00	ng	0.00
86) Perylene-d12	17.73	264	187039	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	212468	33.70	ng	0.01
7) Phenol-d6	6.70	99	282432	36.26	ng	0.01
23) Nitrobenzene-d5	7.81	82	162747	59.45	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	65041	76.41	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	367305	60.68	ng	0.00
78) Terphenyl-d14	14.69	244	436339	54.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	20425	3.79	ng	# 83
49) Dimethylphthalate	10.56	163	15295	2.32	ng	98
50) 2,6-Dinitrotoluene	10.86	165	11861	8.67	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	11862	6.65	ng	# 11

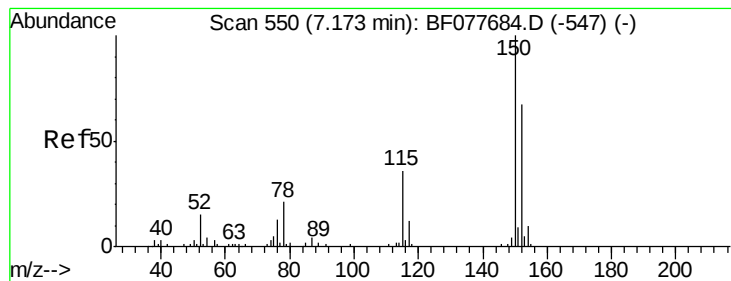
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077947.D
Acq On : 25 Mar 2015 10:16
Operator : TP/IZ
Sample : G1615-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-17-2

Quant Time: Mar 25 11:24:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 11:05:58 2015
Response via : Initial Calibration



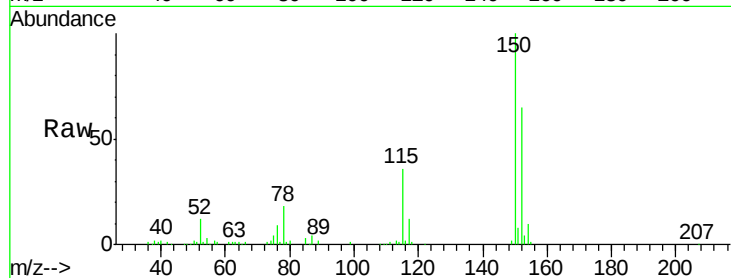


#1

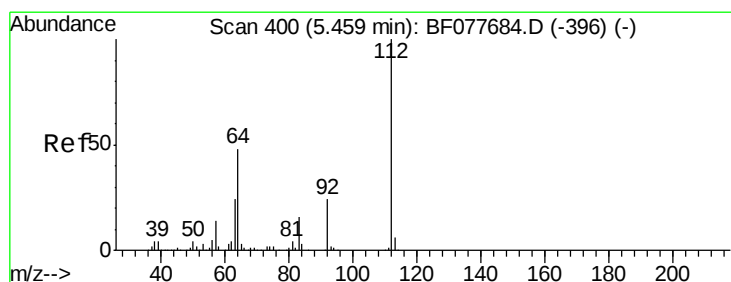
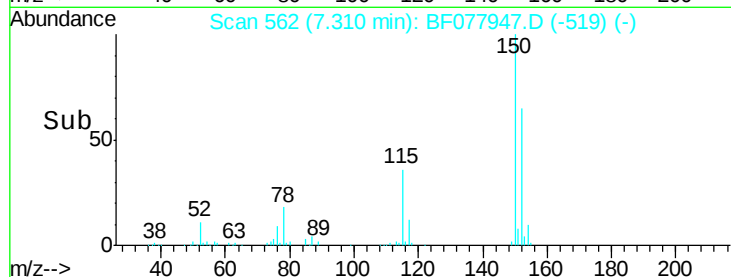
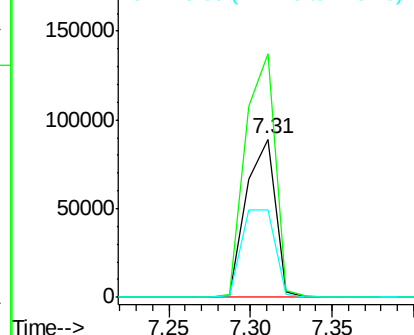
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.31 min Scan# 562
Delta R.T. 0.19 min
Lab File: BF077947.D
Acq: 25 Mar 2015 10:16

Instrument :
BNA_F
ClientSampleId :
SB-17-2

Tgt Ion:152 Resp: 110035
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 55.6 43.0 64.4



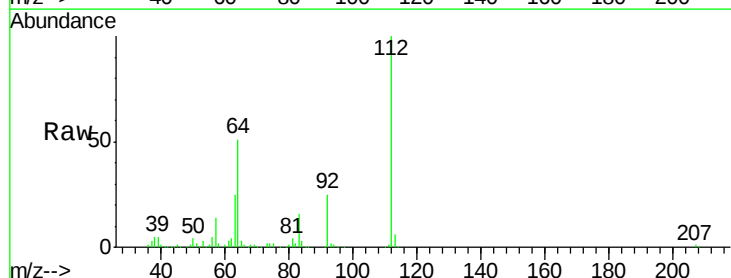
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



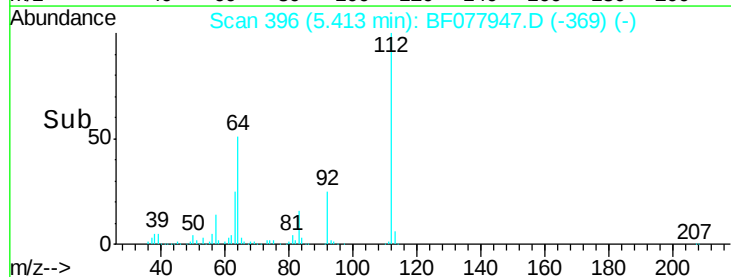
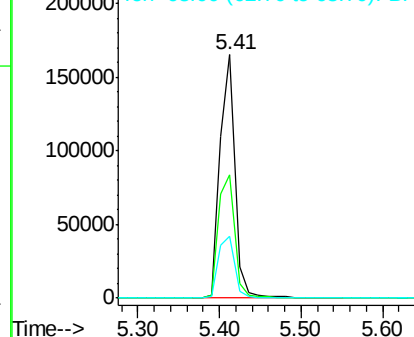
#5

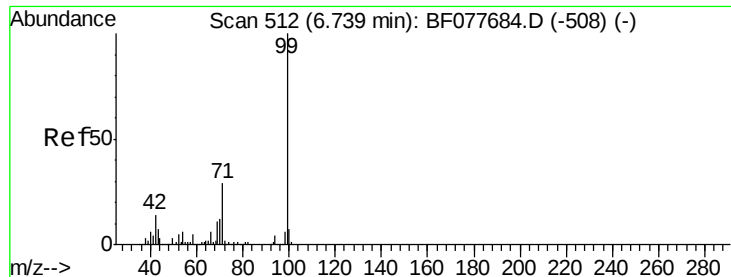
2-Fluorophenol
Concen: 33.70 ng
RT: 5.41 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF077947.D
Acq: 25 Mar 2015 10:16

Tgt Ion:112 Resp: 212468
Ion Ratio Lower Upper
112 100
64 50.6 38.6 57.8
63 25.2 19.3 28.9



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: 36.26 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF077947.D

Acq: 25 Mar 2015 10:16

Instrument :

BNA_F

ClientSampleId :

SB-17-2

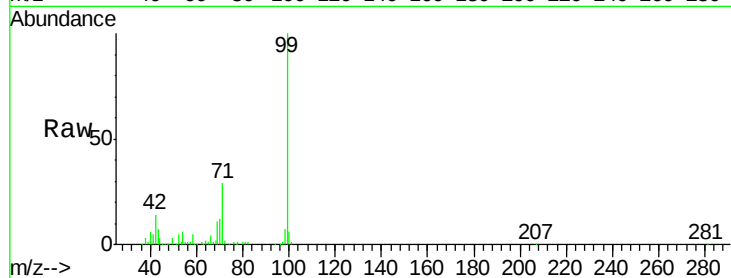
Tgt Ion: 99 Resp: 282432

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

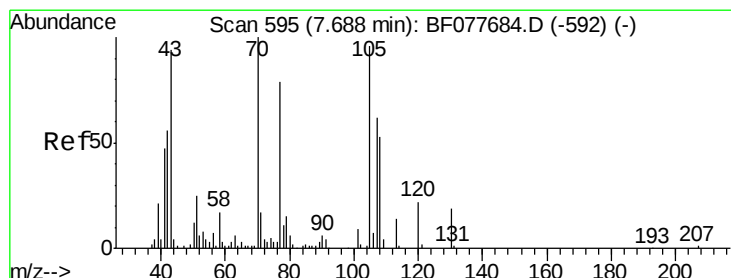
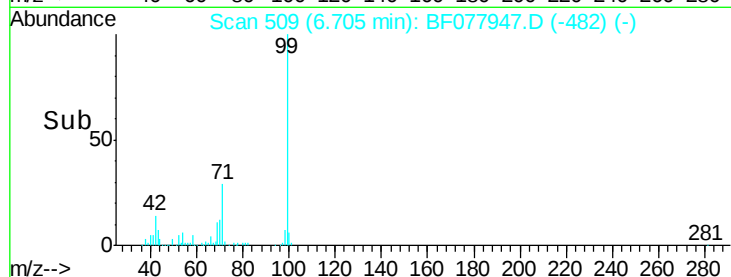
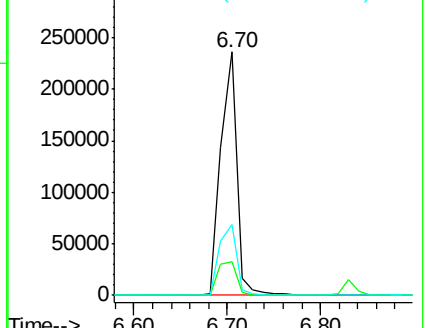
71 29.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 3.79 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077947.D

Acq: 25 Mar 2015 10:16

Tgt Ion: 70 Resp: 20425

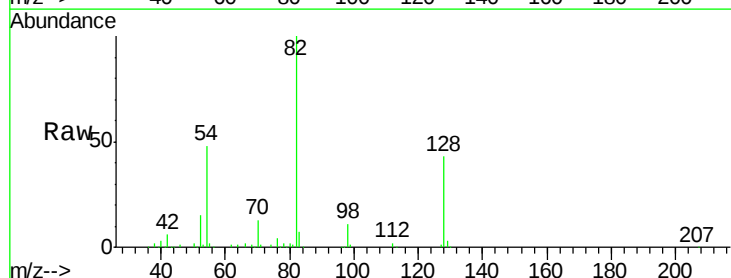
Ion Ratio Lower Upper

70 100

42 49.5 44.5 66.7

101 0.0 7.4 11.2#

130 1.8 15.3 22.9#

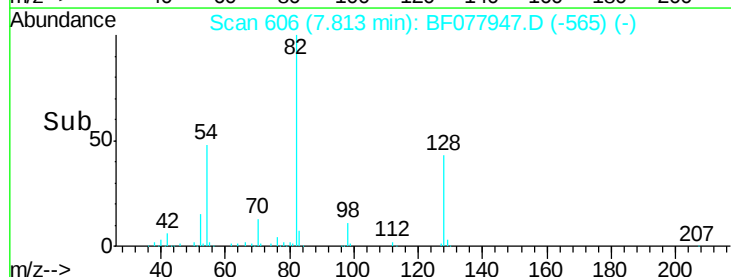
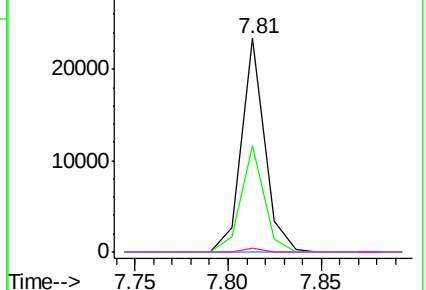


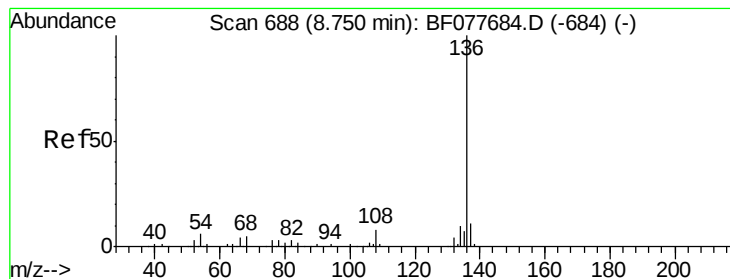
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077947.D

Acq: 25 Mar 2015 10:16

Instrument :

BNA_F

ClientSampleId :

SB-17-2

Tgt Ion:136 Resp: 179449

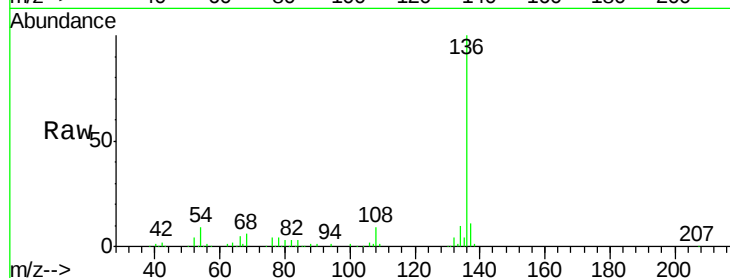
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.6 4.6 6.8#

68 6.3 3.7 5.5#

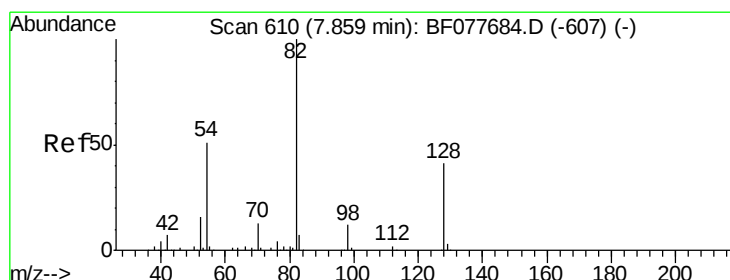
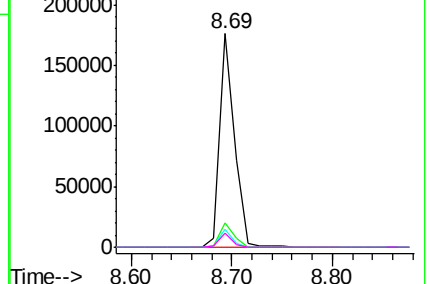
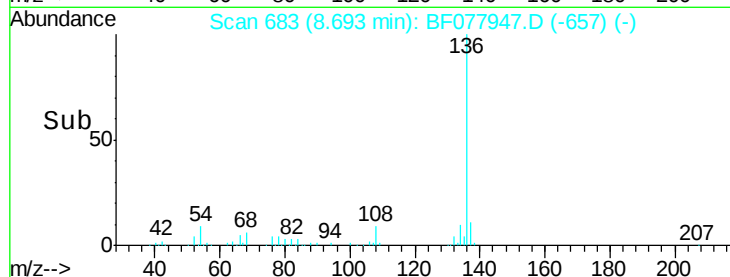


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.45 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF077947.D

Acq: 25 Mar 2015 10:16

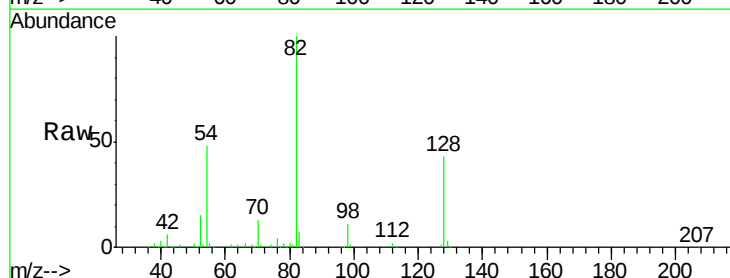
Tgt Ion: 82 Resp: 162747

Ion Ratio Lower Upper

82 100

128 43.0 32.8 49.2

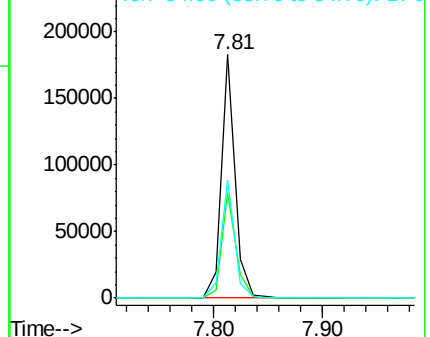
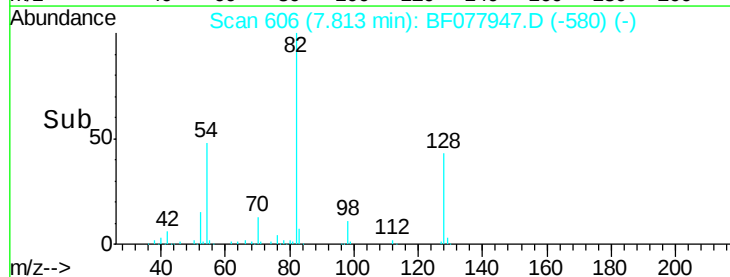
54 48.3 40.6 60.8

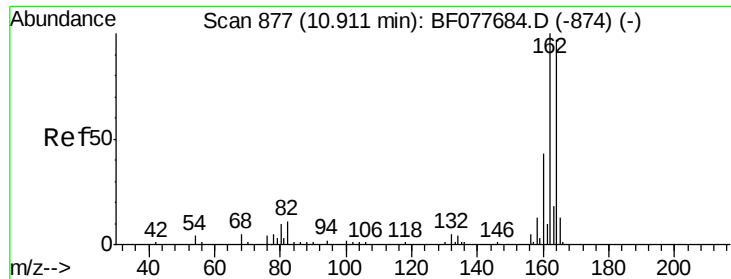


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077947.D

Acq: 25 Mar 2015 10:16

Instrument :

BNA_F

ClientSampleId :

SB-17-2

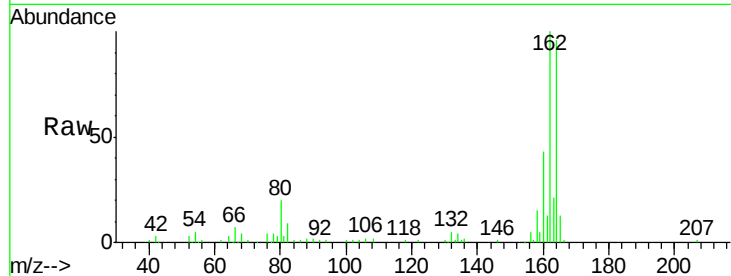
Tgt Ion:164 Resp: 88964

Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

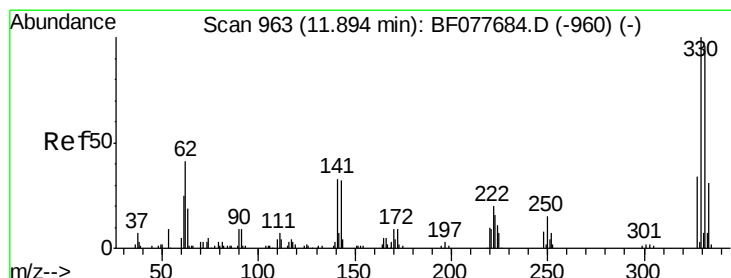
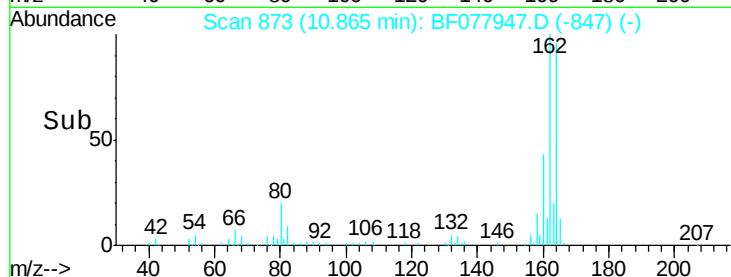
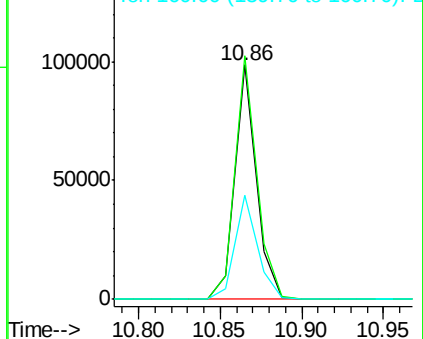
160 44.2 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 76.41 ng

RT: 11.85 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF077947.D

Acq: 25 Mar 2015 10:16

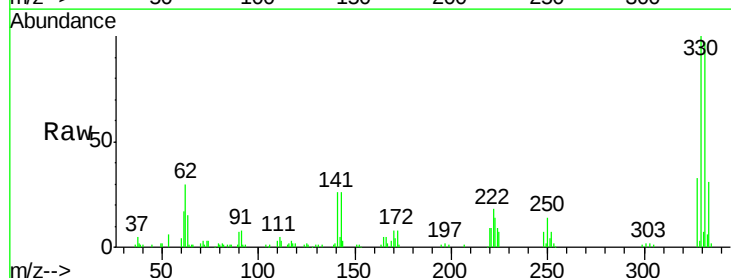
Tgt Ion:330 Resp: 65041

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

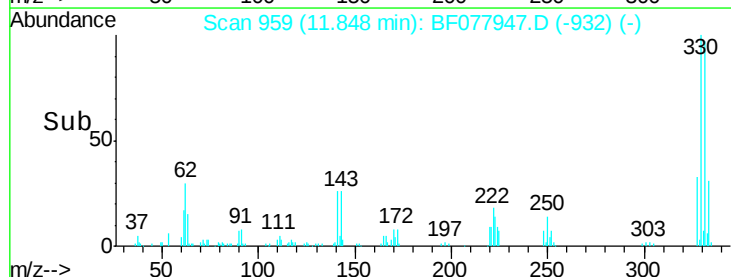
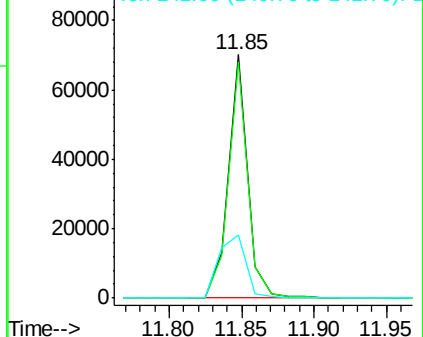
141 36.1 0.0 0.0#

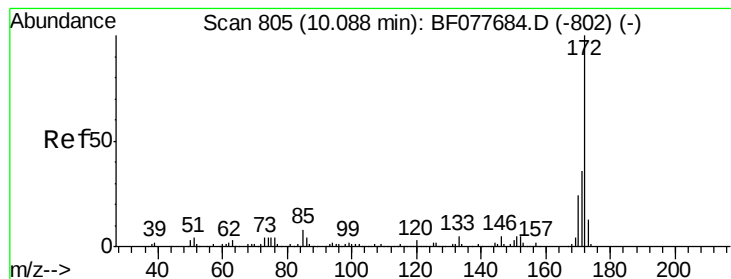


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

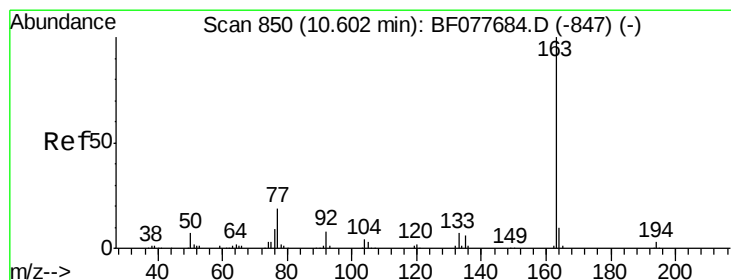
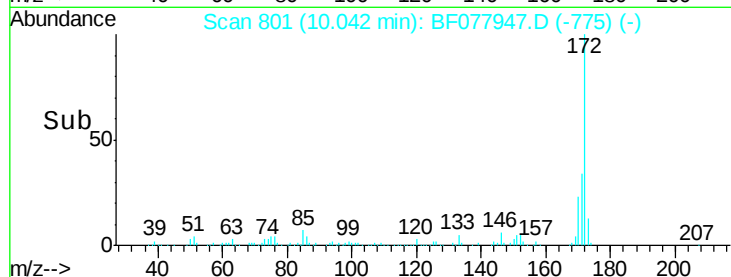
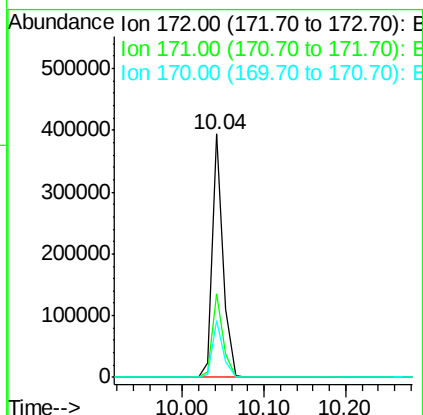
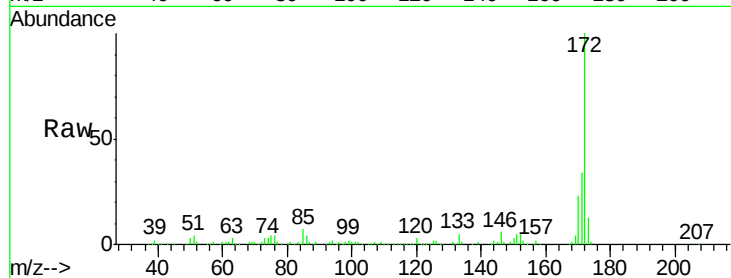




#44
2-Fluorobiphenyl
Concen: 60.68 ng
RT: 10.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF077947.D
Acq: 25 Mar 2015 10:16

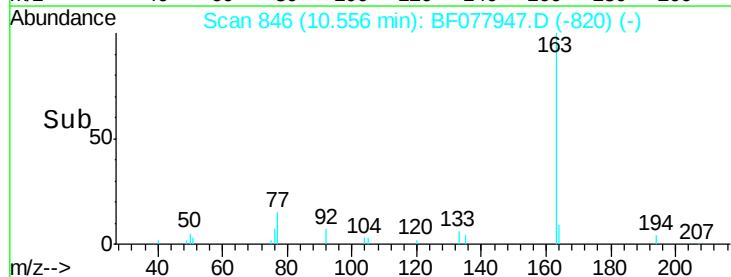
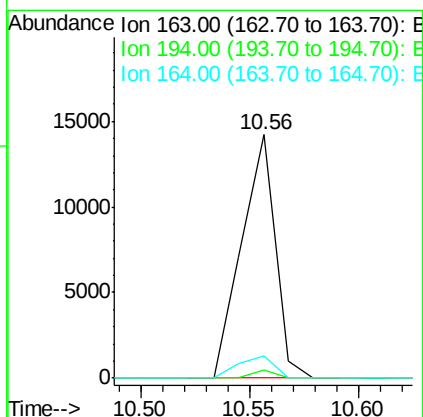
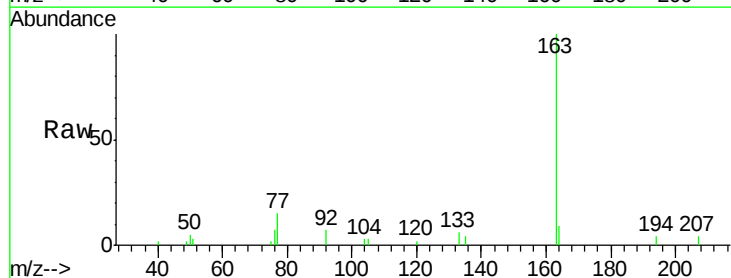
Instrument :
BNA_F
ClientSampled :
SB-17-2

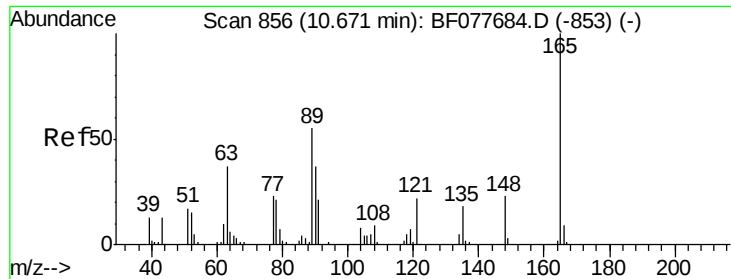
Tgt Ion:172 Resp: 367305
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.5 18.8 28.2



#49
Dimethylphthalate
Concen: 2.32 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077947.D
Acq: 25 Mar 2015 10:16

Tgt Ion:163 Resp: 15295
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.2 8.2 12.2

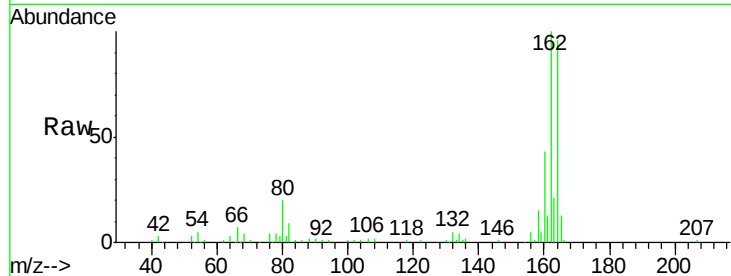




#50
2,6-Dinitrotoluene
Concen: 8.67 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.24 min
Lab File: BF077947.D
Acq: 25 Mar 2015 10:16

Instrument :
BNA_F
ClientSampleId :
SB-17-2

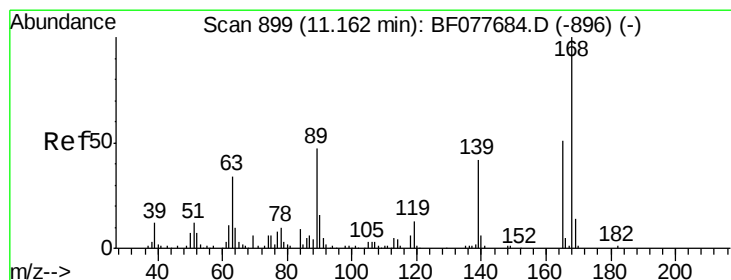
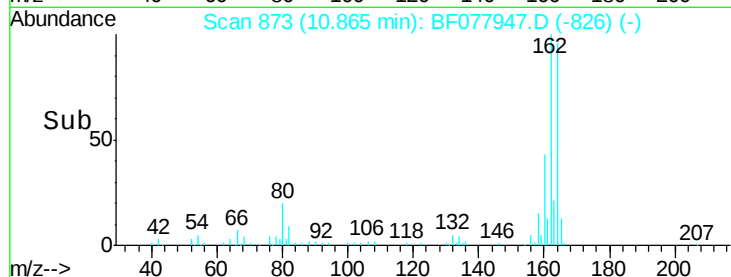
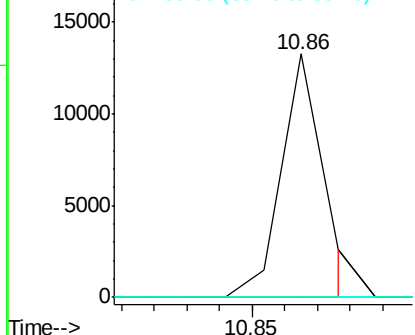
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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



#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.25 min
Lab File: BF077947.D
Acq: 25 Mar 2015 10:16

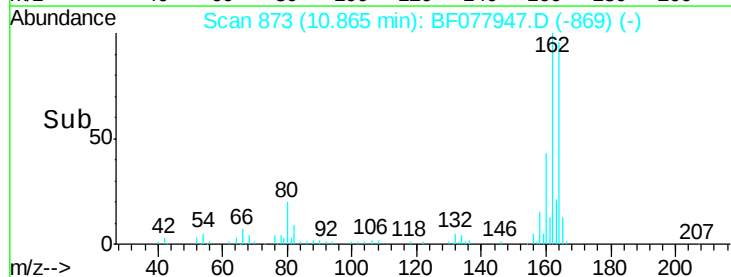
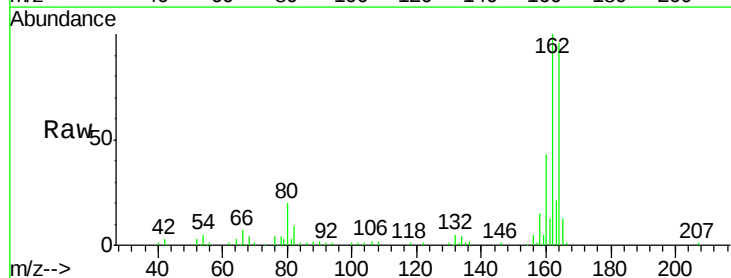
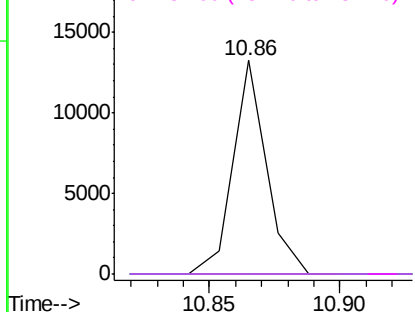
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

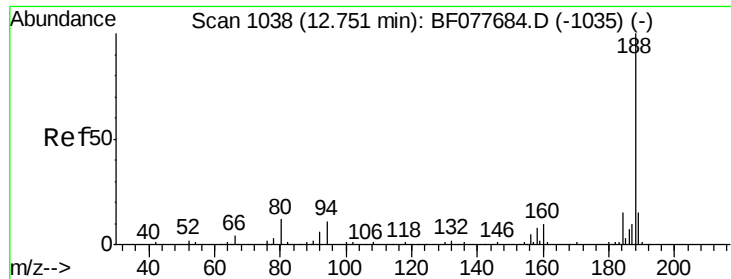
Abundance Ion 165.00 (164.70 to 165.70): E

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

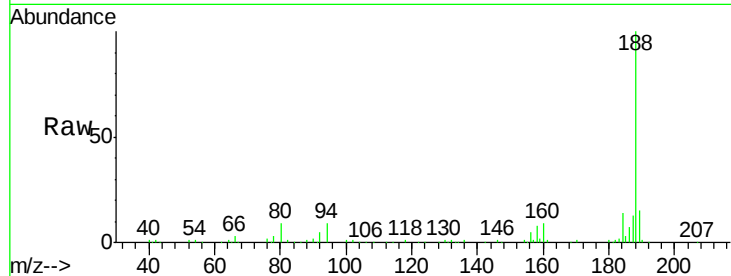




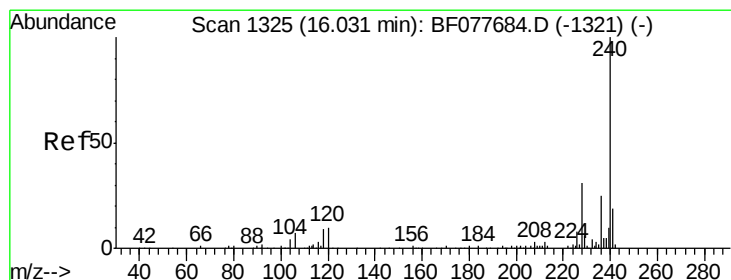
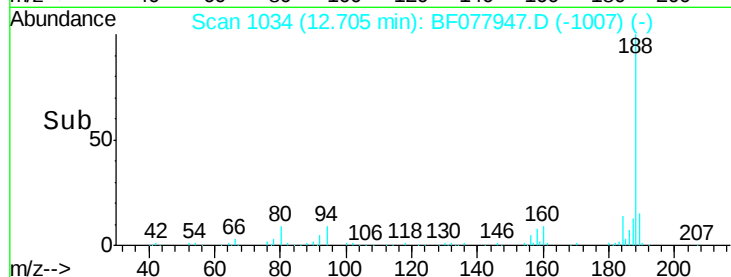
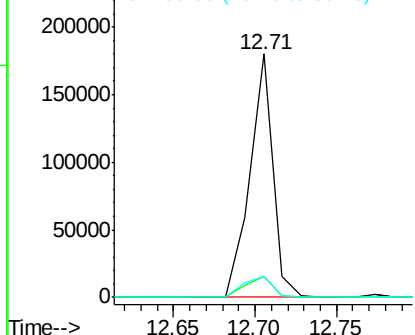
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077947.D
Acq: 25 Mar 2015 10:16

Instrument :
BNA_F
ClientSampleId :
SB-17-2

Tgt Ion:188 Resp: 176302
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 8.8 9.3 13.9#

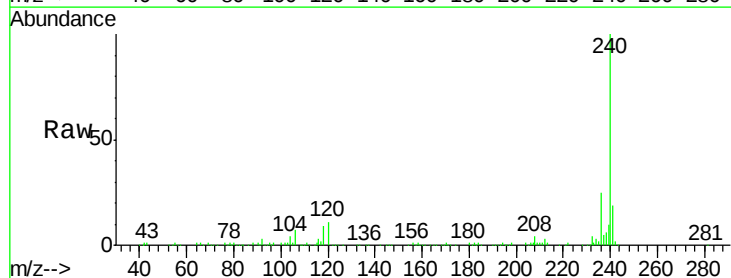


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

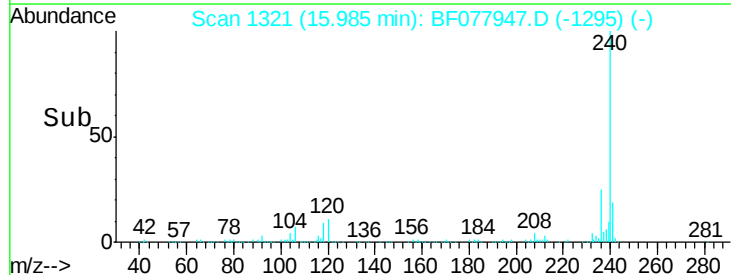
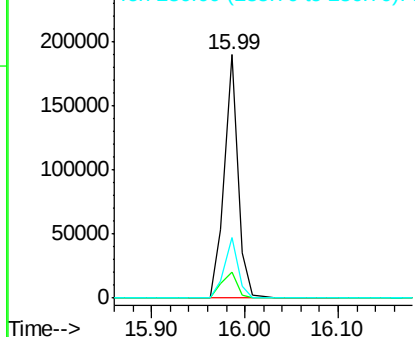


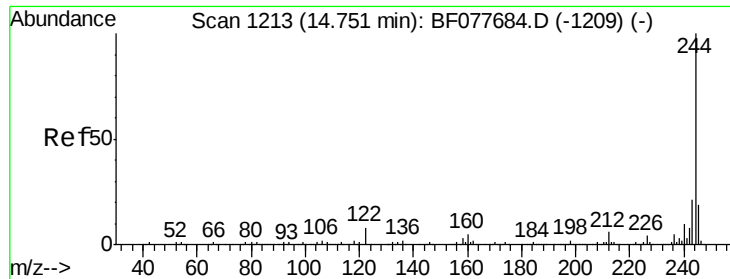
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077947.D
Acq: 25 Mar 2015 10:16

Tgt Ion:240 Resp: 195623
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 24.7 20.0 30.0



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

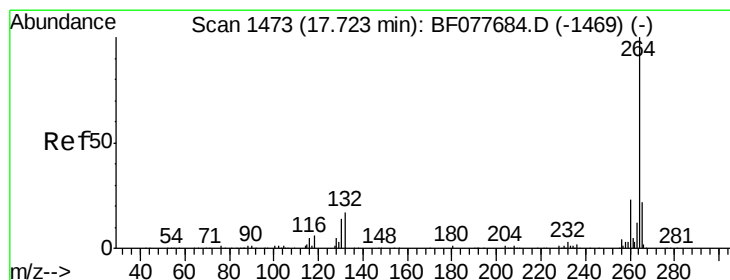
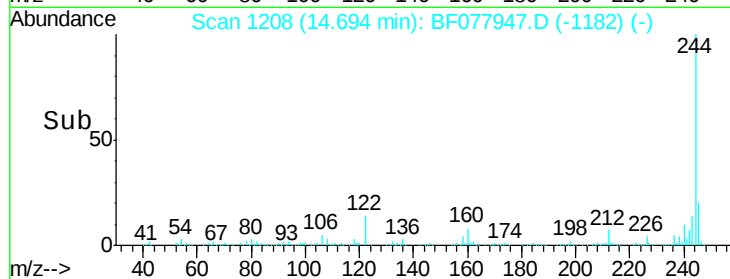
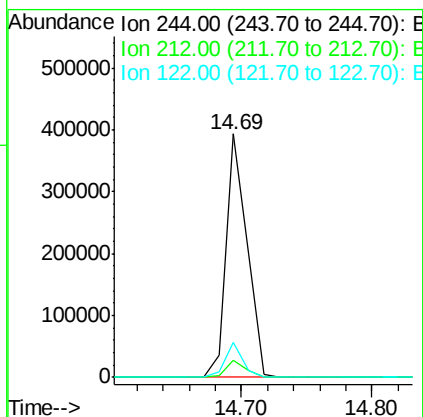
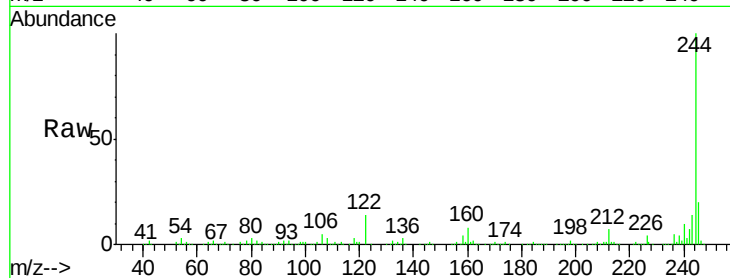




#78
 Terphenyl-d14
 Concen: 54.48 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077947.D
 Acq: 25 Mar 2015 10:16

Instrument :
 BNA_F
 ClientSampled :
 SB-17-2

Tgt Ion: 244 Resp: 436339
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.9 7.3
 122 14.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF077947.D
 Acq: 25 Mar 2015 10:16

Tgt Ion: 264 Resp: 187039
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.2 17.3 25.9

