

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077647.D
 Acq On : 9 Mar 2015 19:32
 Operator : TP/IZ
 Sample : G1435-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Quant Time: Mar 10 02:16:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

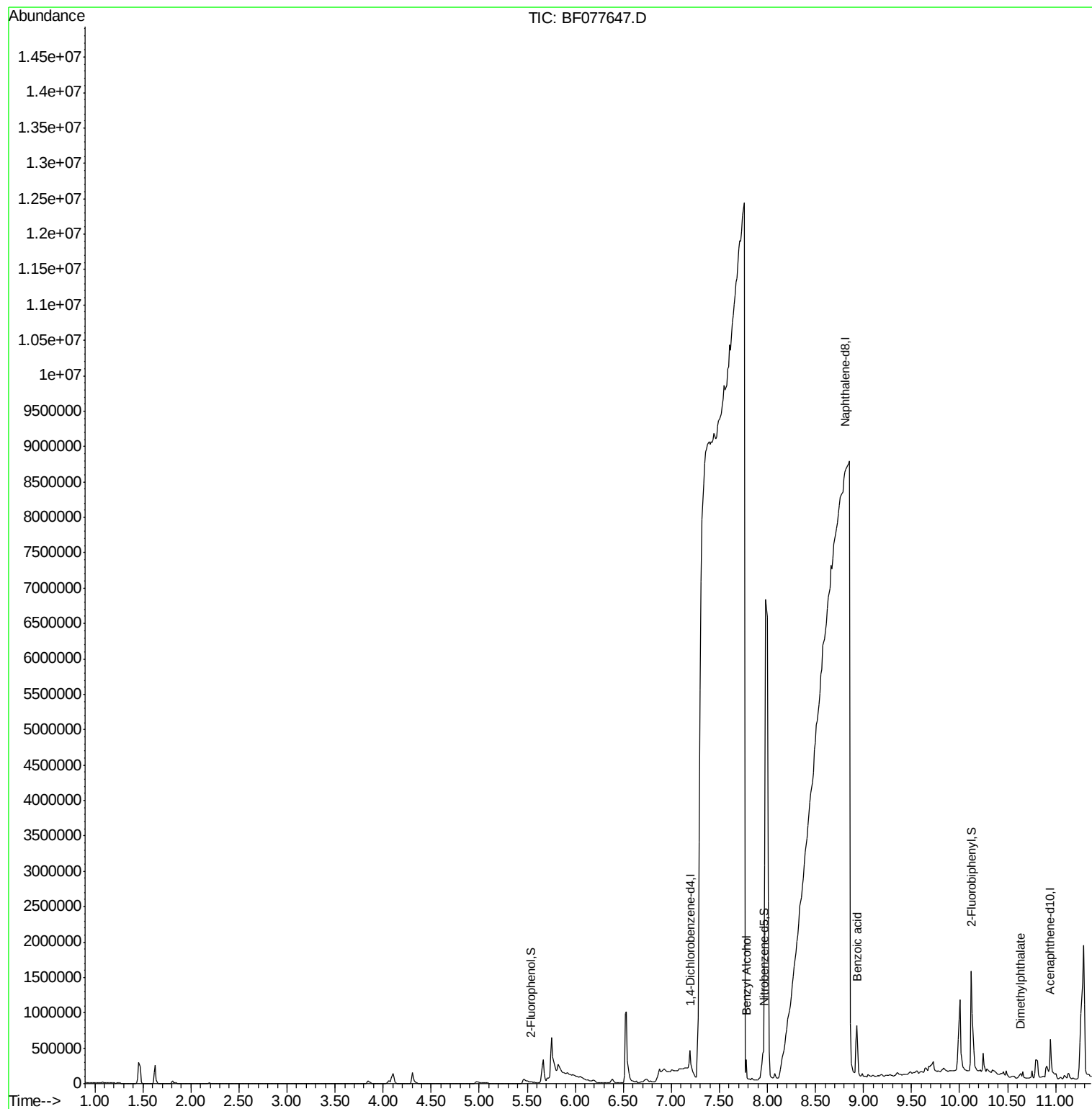
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	57661	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	109950	20.00	ng	0.03
38) Acenaphthene-d10	10.95	164	118358	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	236038	20.00	ng	0.00
75) Chrysene-d12	16.07	240	231139	20.00	ng	0.00
86) Perylene-d12	17.83	264	237446	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	56139	16.25	ng	0.06
7) Phenol-d6	6.77	99	1236	0.28	ng	0.00
23) Nitrobenzene-d5	7.95	82	233935	132.31	ng	0.06
41) 2,4,6-Tribromophenol	11.92	330	93070	81.67	ng	0.00
44) 2-Fluorobiphenyl	10.13	172	557802	73.48	ng	0.00
78) Terphenyl-d14	14.77	244	495748	50.14	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.78	79	43458m	12.87	ng	Qvalue 96
32) Benzoic acid	8.93	122	94975m	114.58	ng	
49) Dimethylphthalate	10.63	163	38172	4.59	ng	

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

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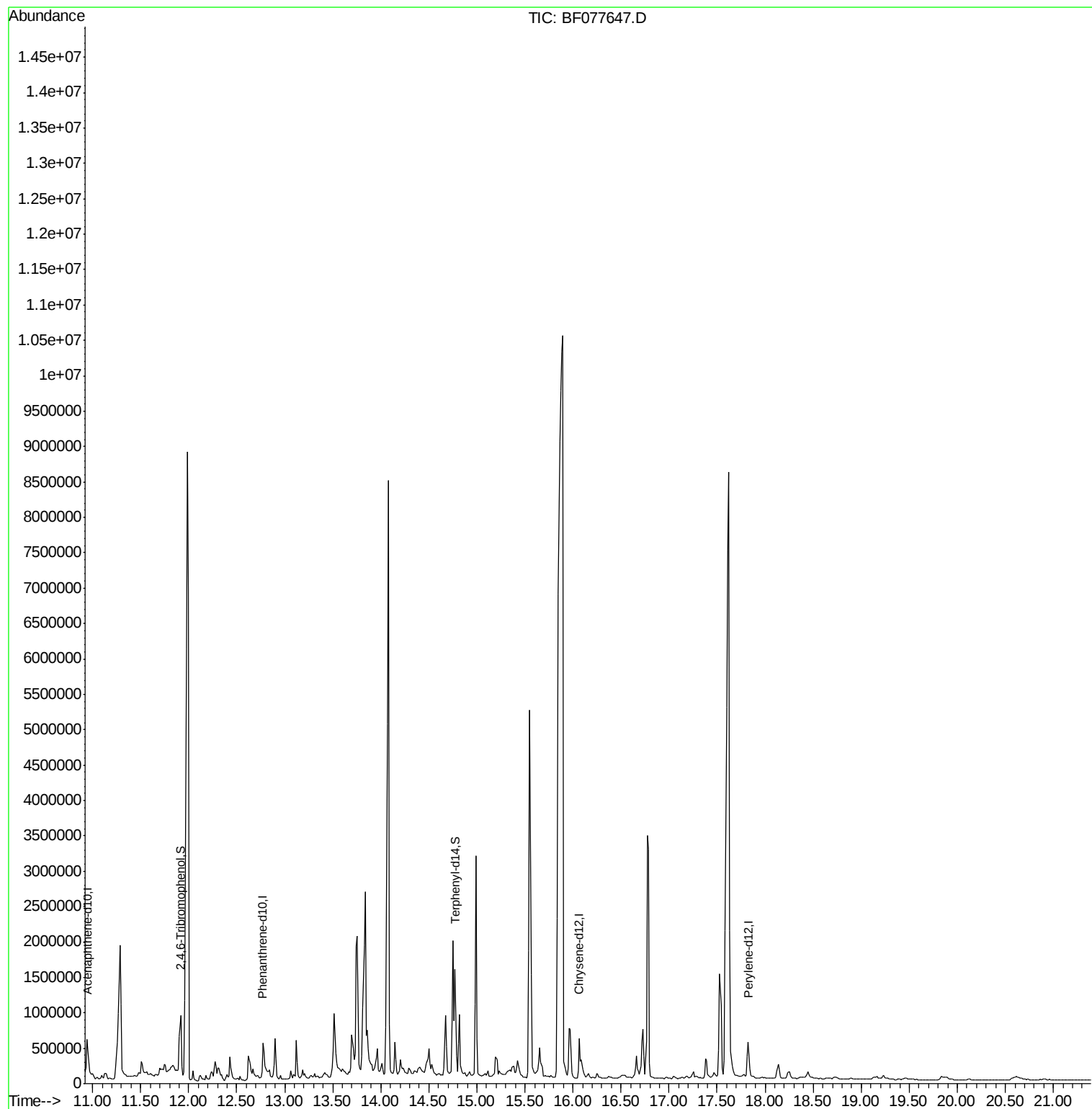
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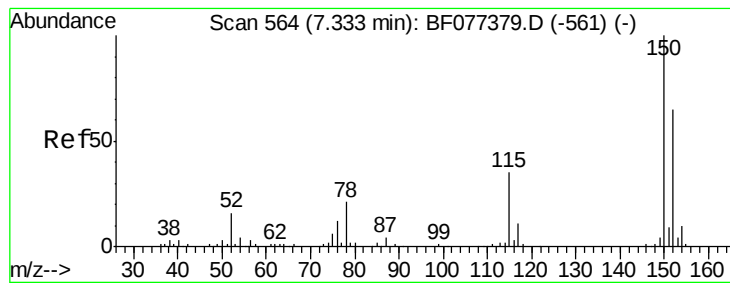


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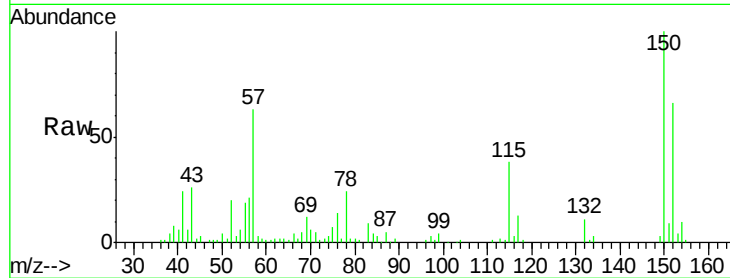


#1

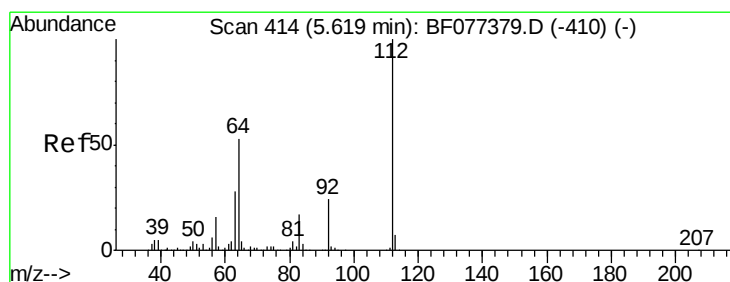
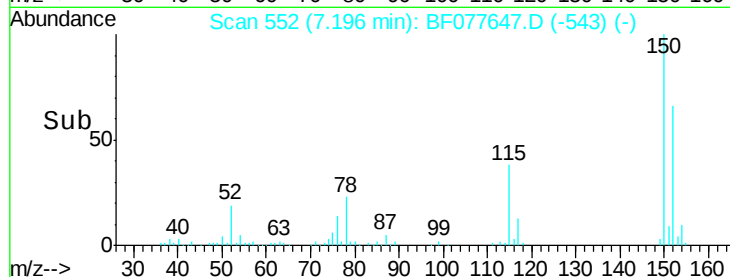
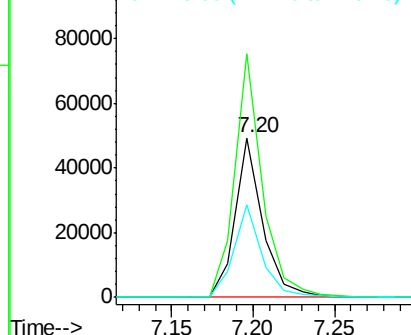
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.20 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF077647.D
Acq: 9 Mar 2015 19:32

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tot Ion:152 Resp: 57661
Ion Ratio Lower Upper
152 100
150 152.6 124.0 186.0
115 58.1 49.4 74.2



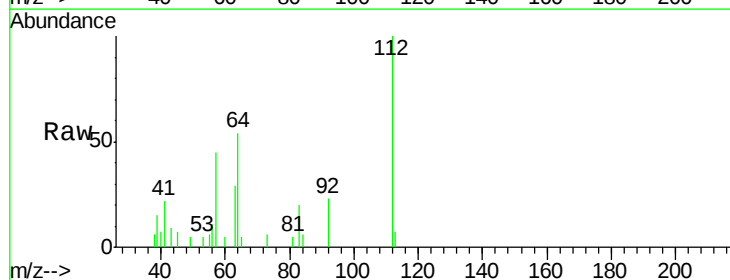
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



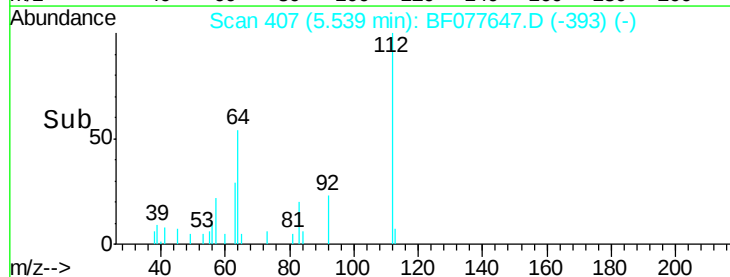
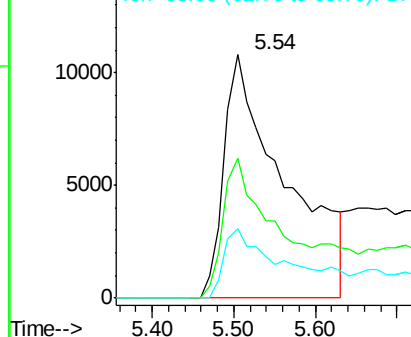
#5

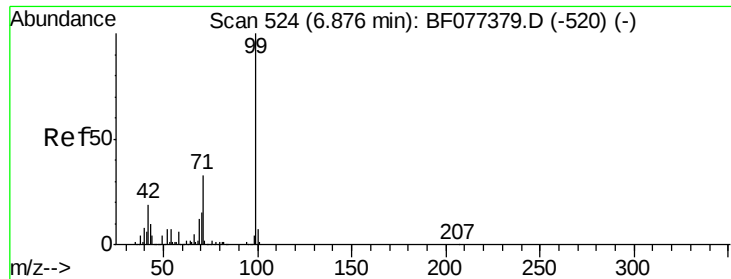
2-Fluorophenol
Concen: 16.25 ng
RT: 5.54 min Scan# 407
Delta R.T. 0.06 min
Lab File: BF077647.D
Acq: 9 Mar 2015 19:32

Tgt Ion:112 Resp: 56139
Ion Ratio Lower Upper
112 100
64 53.8 48.5 72.7
63 28.5 25.0 37.4



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: 0.28 ng

RT: 6.77 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF077647.D

Acq: 9 Mar 2015 19:32

Instrument :

BNA_F

ClientSampleId :

EFFWW

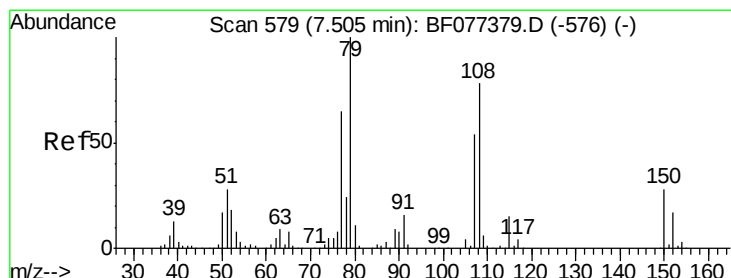
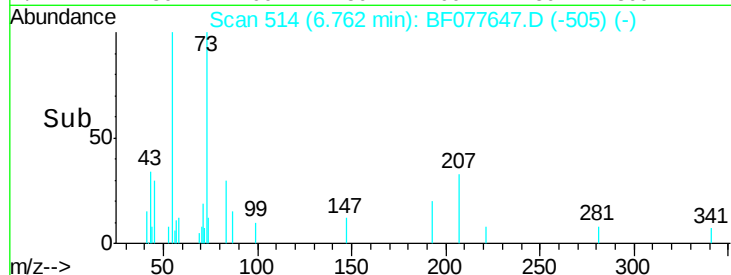
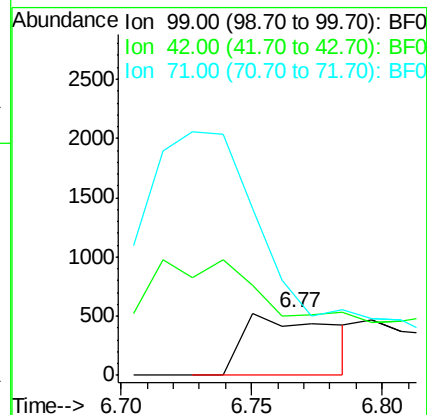
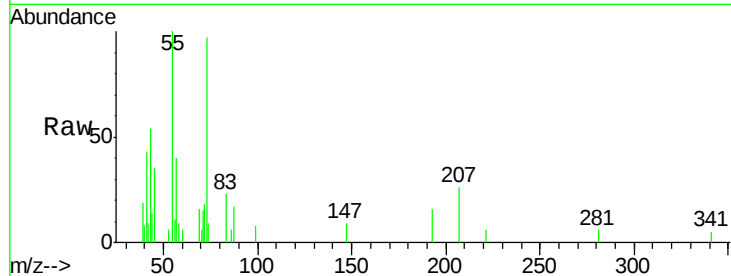
Tot Ion: 99 Resp: 1236

Ion Ratio Lower Upper

99 100

42 119.3 16.2 24.4#

71 191.6 26.7 40.1#



#15

Benzyl Alcohol

Concen: 12.87 ng m

RT: 7.78 min Scan# 603

Delta R.T. 0.40 min

Lab File: BF077647.D

Acq: 9 Mar 2015 19:32

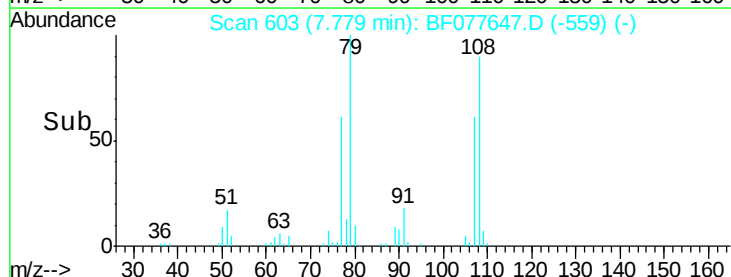
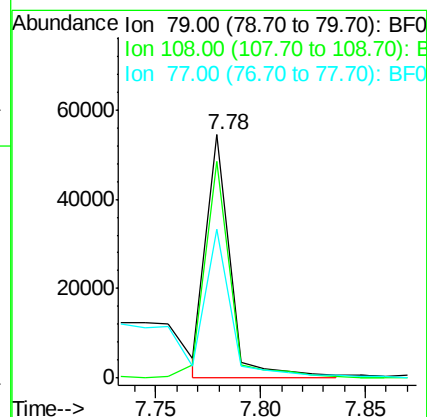
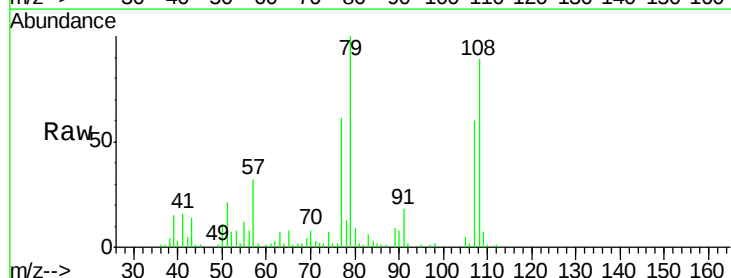
Tgt Ion: 79 Resp: 43458

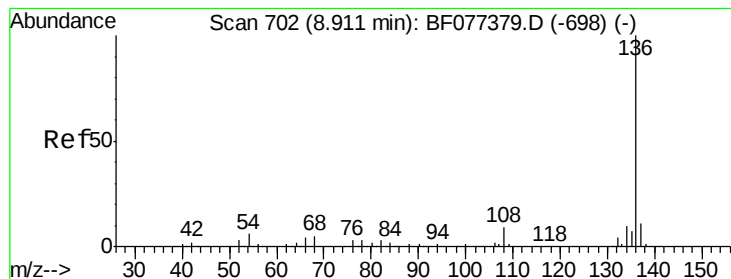
Ion Ratio Lower Upper

79 100

108 89.1 58.3 87.5#

77 61.2 51.3 76.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 693

Delta R.T. 0.03 min

Lab File: BF077647.D

Acq: 9 Mar 2015 19:32

Instrument :

BNA_F

ClientSampleId :

EFFWW

Tot Ion:136 Resp: 109950

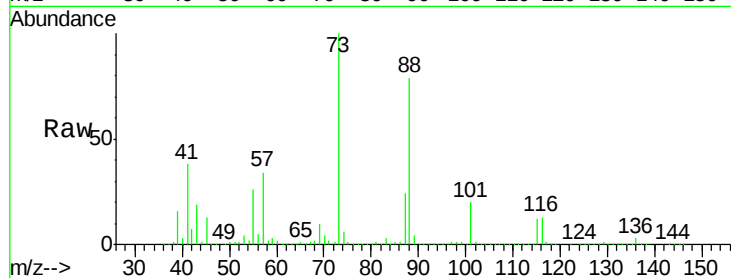
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 47.5 6.2 9.4#

68 58.1 5.0 7.6#

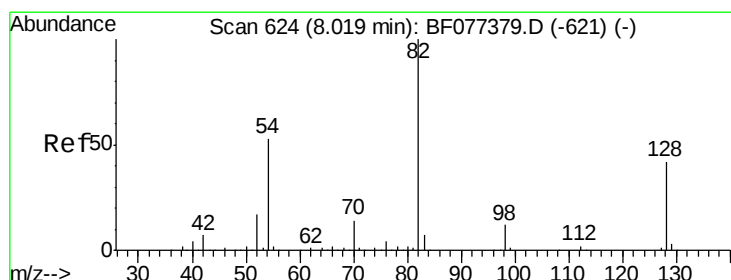
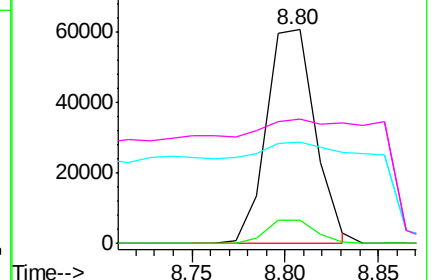
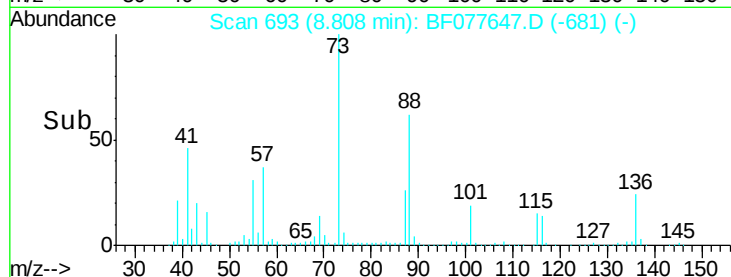


Abundance Ion 136.00 (135.70 to 136.70): E

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: 132.31 ng

RT: 7.95 min Scan# 618

Delta R.T. 0.06 min

Lab File: BF077647.D

Acq: 9 Mar 2015 19:32

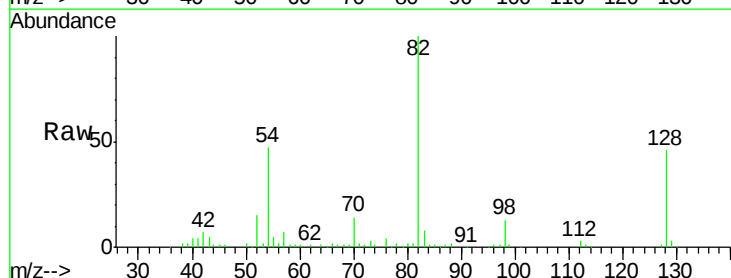
Tgt Ion: 82 Resp: 233935

Ion Ratio Lower Upper

82 100

128 46.0 43.8 65.8

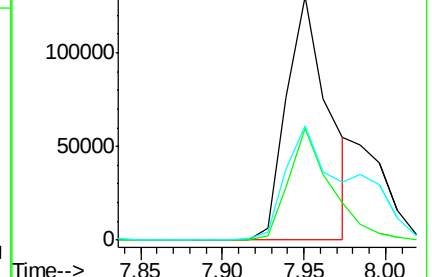
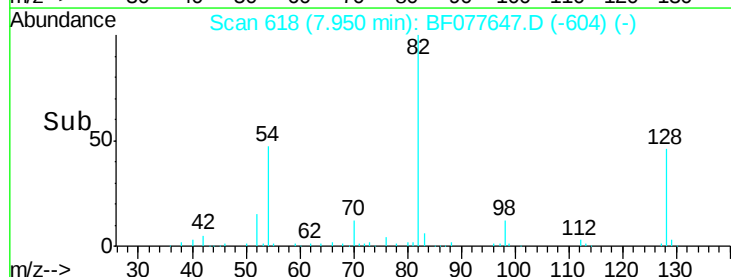
54 46.9 36.7 55.1

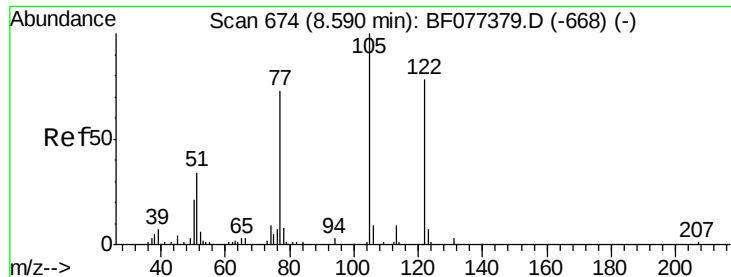


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

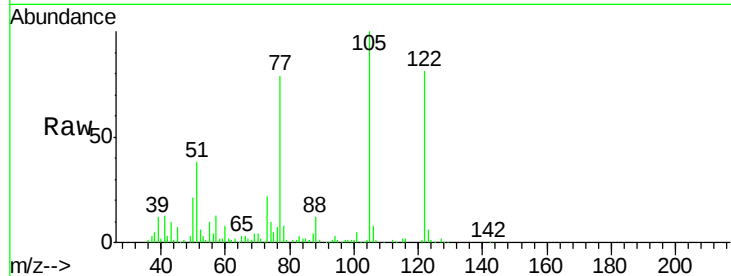




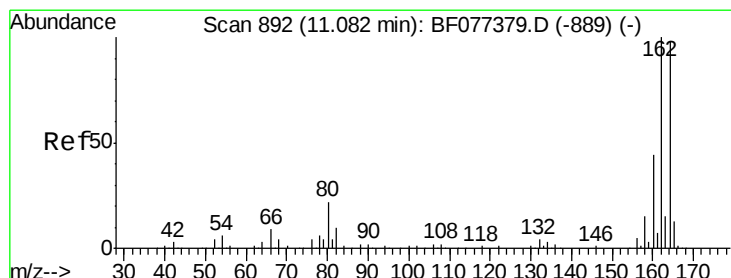
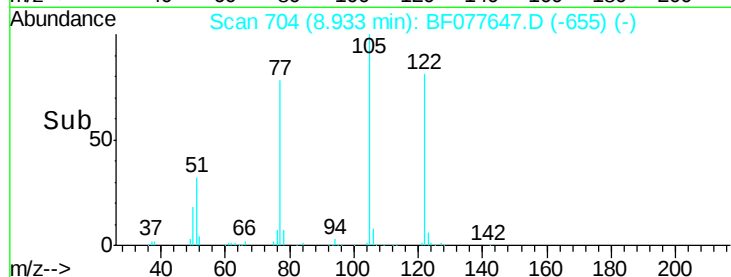
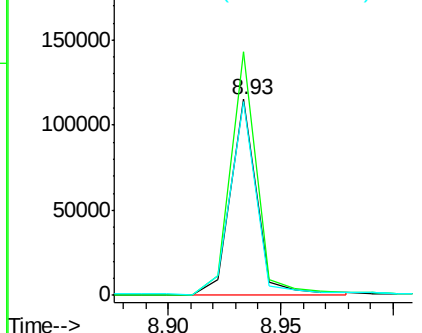
#32
Benzoic acid
Concen: 114.58 ng/ml
RT: 8.93 min Scan# 704
Delta R.T. 0.46 min
Lab File: BF077647.D
Acq: 9 Mar 2015 19:32

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tot Ion:122 Resp: 94975
Ion Ratio Lower Upper
122 100
105 124.2 100.3 140.3
77 98.5 68.7 108.7

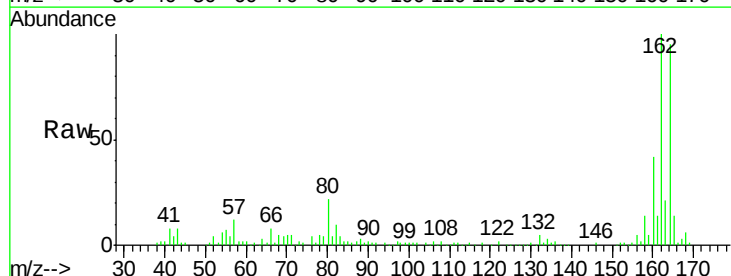


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

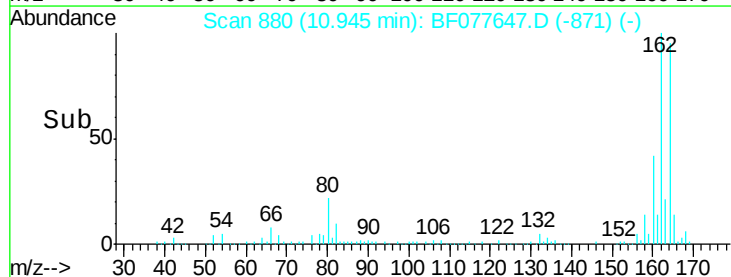
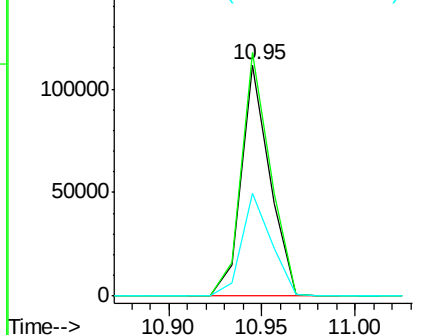


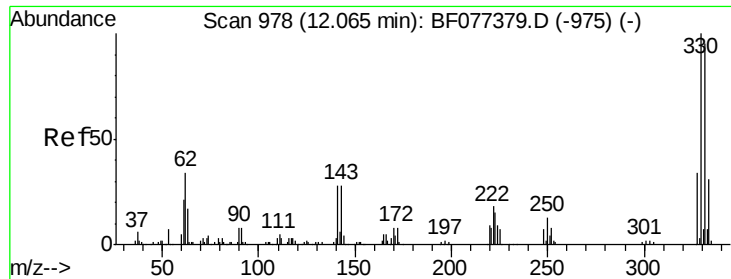
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF077647.D
Acq: 9 Mar 2015 19:32

Tgt Ion:164 Resp: 118358
Ion Ratio Lower Upper
164 100
162 105.5 83.2 124.8
160 44.3 34.6 52.0



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

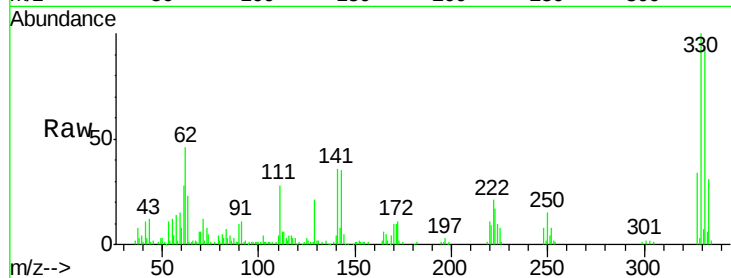




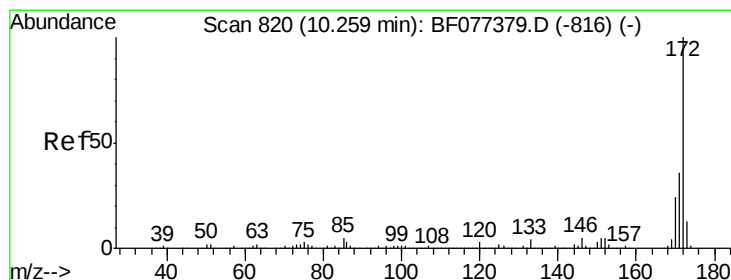
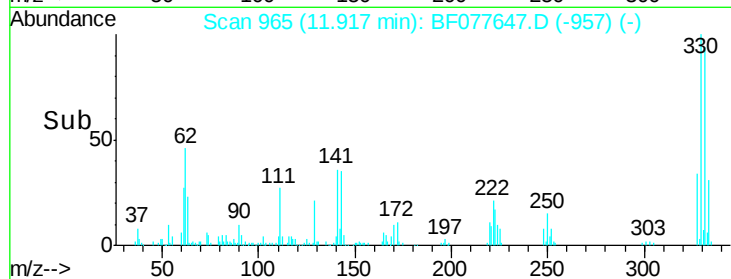
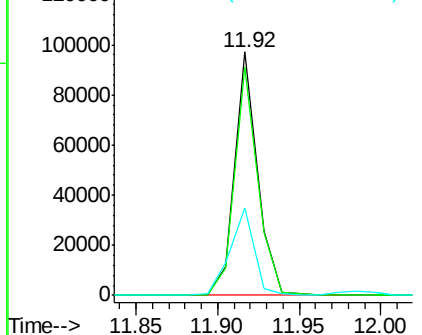
#41
 2,4,6-Tribromophenol
 Concen: 81.67 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077647.D
 Acq: 9 Mar 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Tot Ion:330 Resp: 93070
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 38.3 28.8 43.2

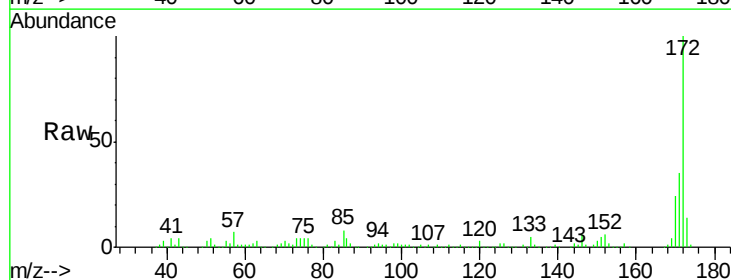


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

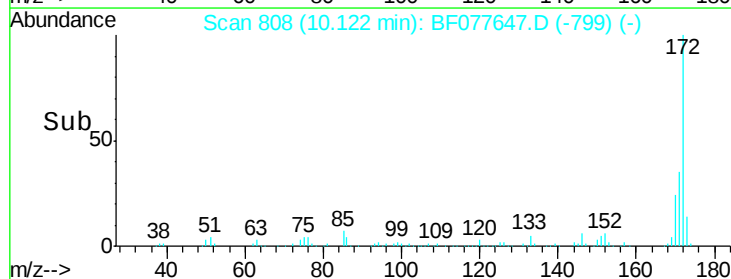
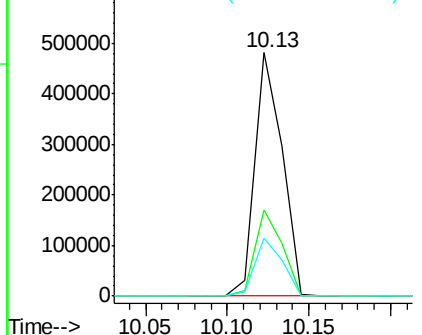


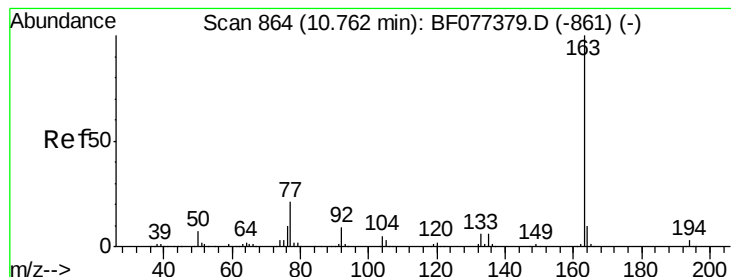
#44
 2-Fluorobiphenyl
 Concen: 73.48 ng
 RT: 10.13 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF077647.D
 Acq: 9 Mar 2015 19:32

Tgt Ion:172 Resp: 557802
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 24.0 19.4 29.2



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: 4.59 ng

RT: 10.63 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077647.D

Acq: 9 Mar 2015 19:32

Instrument :

BNA_F

ClientSampleId :

EFFWW

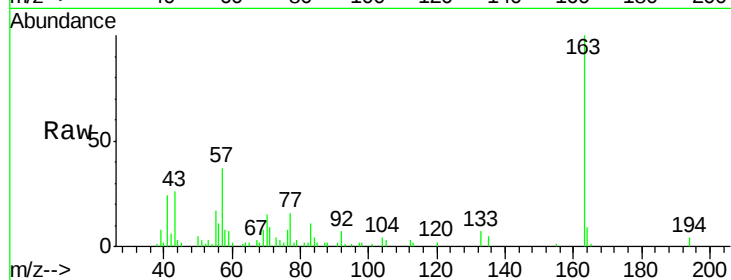
Tot Ion:163 Resp: 38172

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

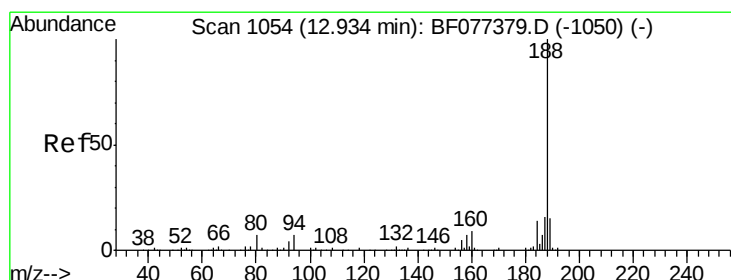
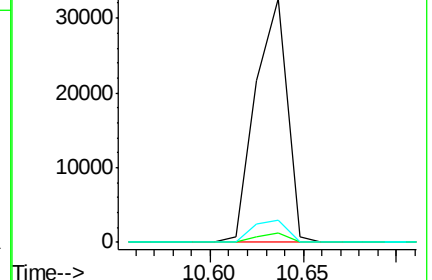
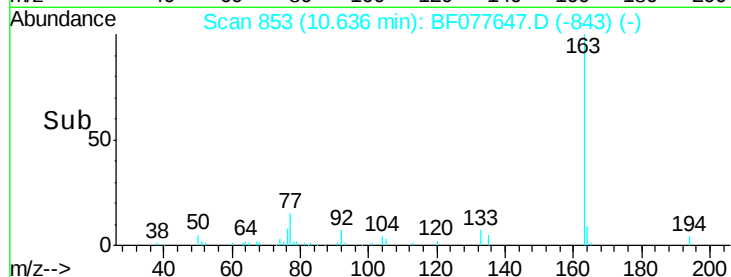
164 9.1 8.6 13.0



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: 12.78 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF077647.D

Acq: 9 Mar 2015 19:32

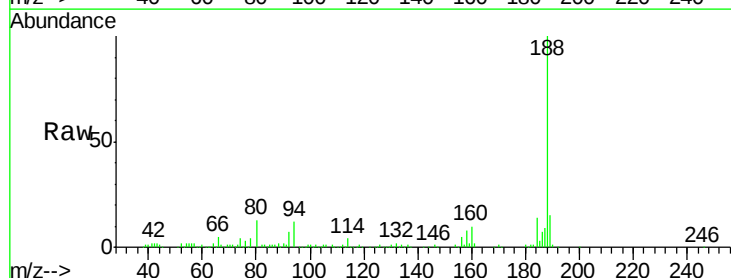
Tgt Ion:188 Resp: 236038

Ion Ratio Lower Upper

188 100

94 11.7 7.4 11.2#

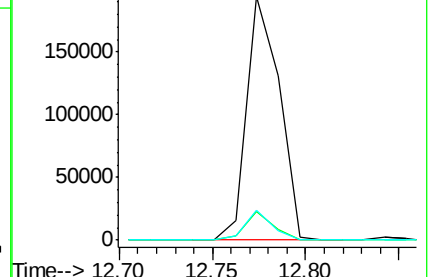
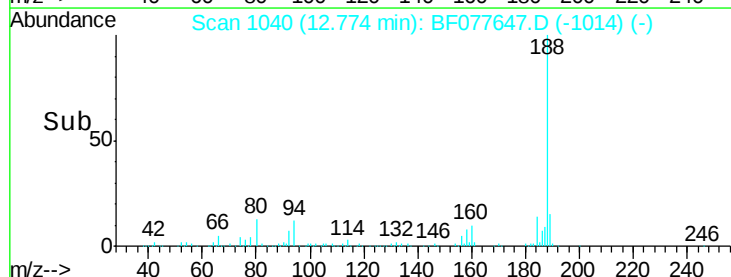
80 12.5 8.0 12.0#

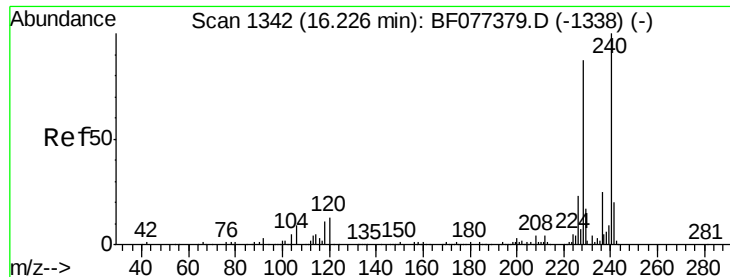


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.07 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF077647.D

Acq: 9 Mar 2015 19:32

Instrument :

BNA_F

ClientSampled :

EFFWW

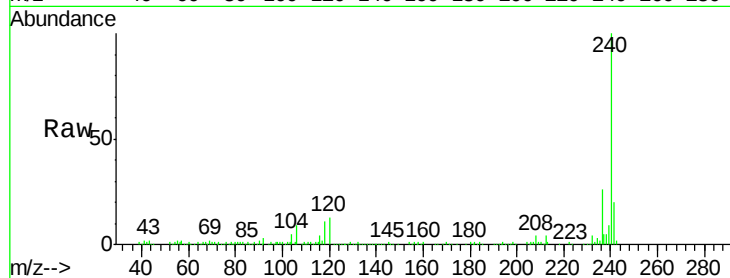
Tot Ion:240 Resp: 231139

Ion Ratio Lower Upper

240 100

120 13.3 8.8 13.2#

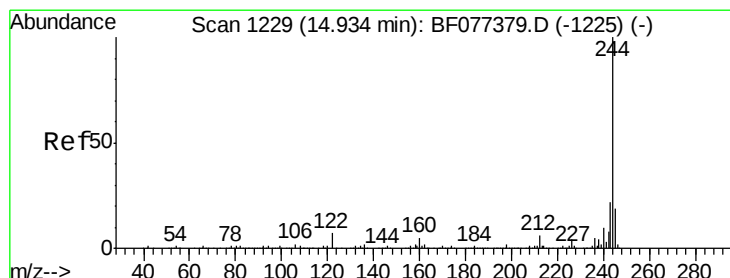
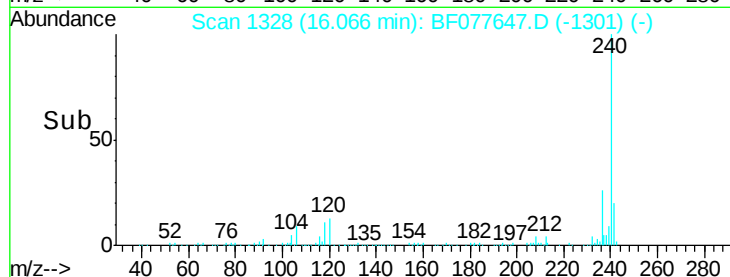
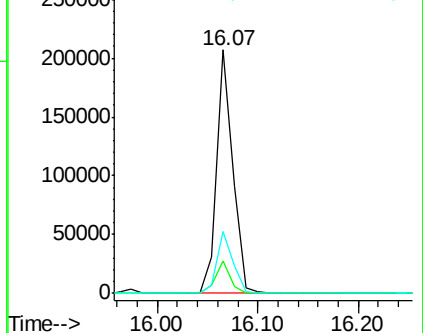
236 25.7 20.7 31.1



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: 50.14 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF077647.D

Acq: 9 Mar 2015 19:32

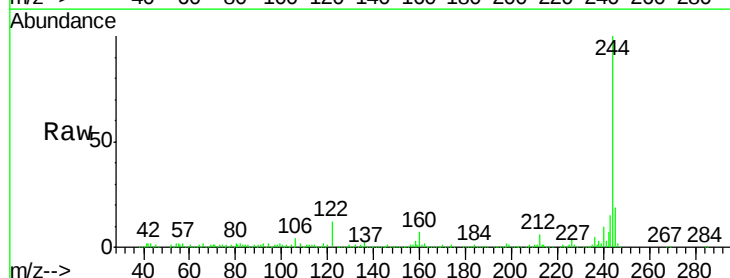
Tgt Ion:244 Resp: 495748

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

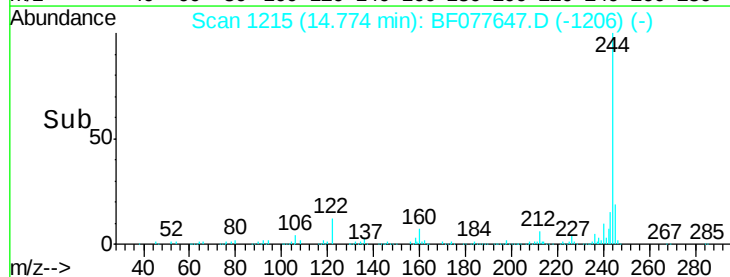
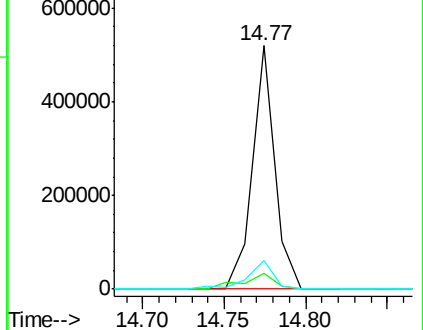
122 11.7 7.8 11.8

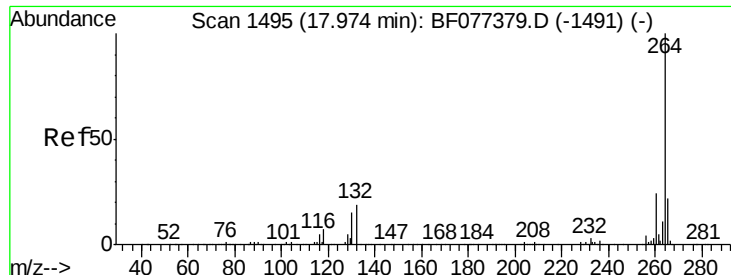


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.83 min Scan# 1482
Delta R.T. 0.09 min
Lab File: BF077647.D
Acq: 9 Mar 2015 19:32

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tot Ion: 264 Resp: 237446

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	21.4	16.8	25.2

