

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077492.D
 Acq On : 27 Feb 2015 5:58
 Operator : TP/IZ
 Sample : G1385-14
 Misc : S
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14-D910

Quant Time: Feb 27 10:58:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

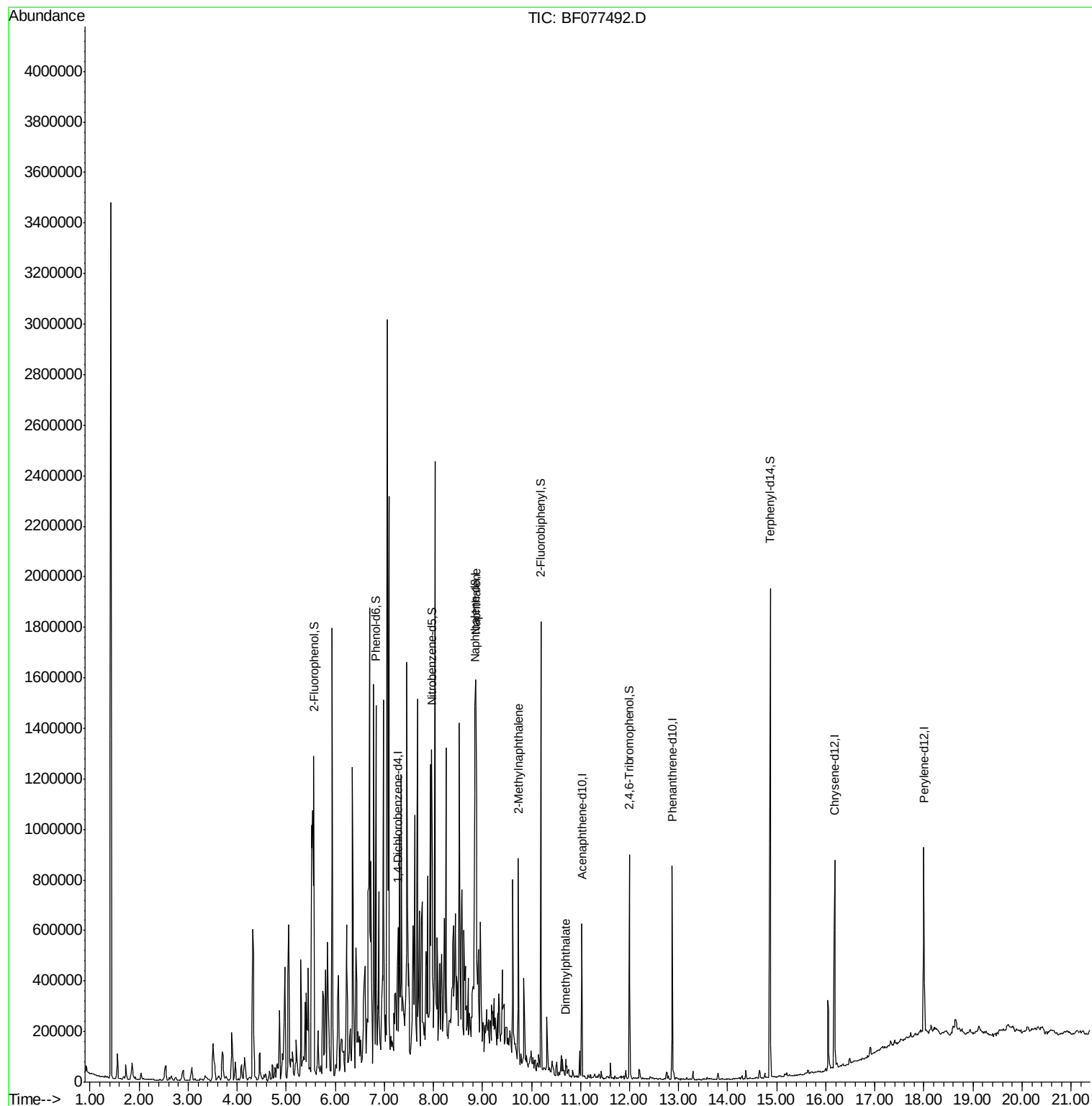
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	72955	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	285043	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	152979	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	319273	20.00	ng	0.00
75) Chrysene-d12	16.18	240	383355	20.00	ng	0.03
86) Perylene-d12	18.00	264	344192	20.00	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	352132	80.58	ng	0.01
7) Phenol-d6	6.83	99	464338	82.64	ng	0.00
23) Nitrobenzene-d5	7.96	82	292090	63.72	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	112874	76.63	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	544595	55.51	ng	0.00
78) Terphenyl-d14	14.86	244	745431	45.46	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.87	128	415722	29.16	ng	99
37) 2-Methylnaphthalene	9.73	142	212482	20.99	ng	99
49) Dimethylphthalate	10.70	163	25524	2.37	ng	98

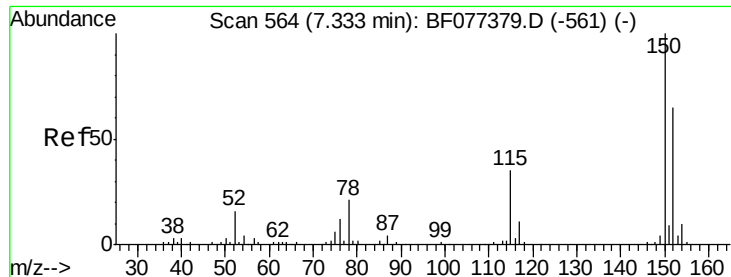
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

B-14-D910

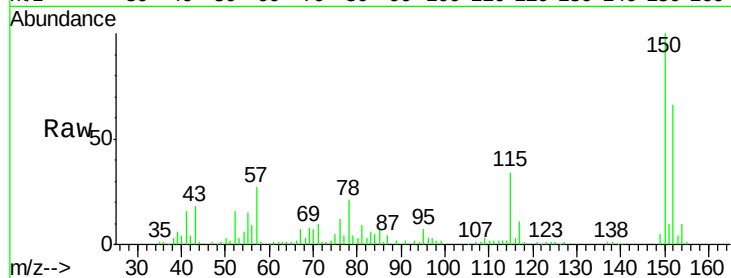
Tgt Ion:152 Resp: 72955

Ion Ratio Lower Upper

152 100

150 150.8 124.0 186.0

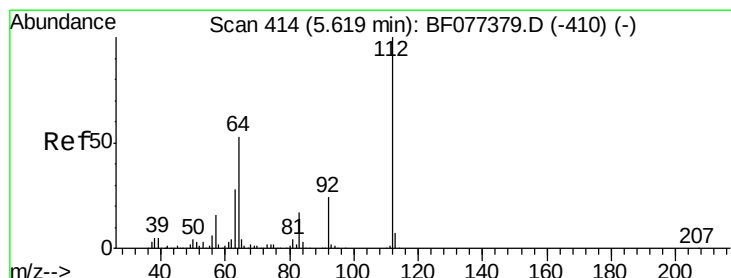
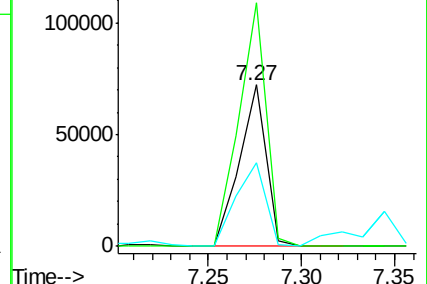
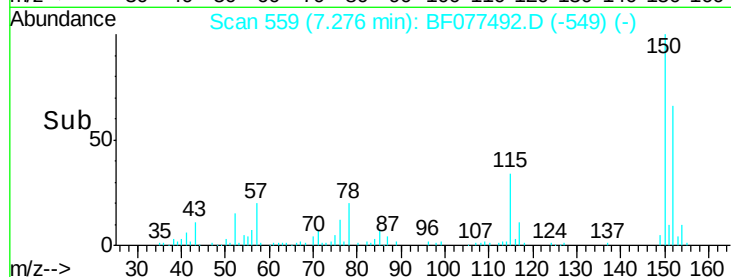
115 51.6 49.4 74.2



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: 80.58 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

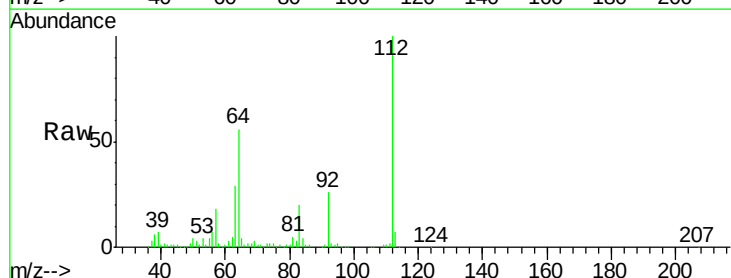
Tgt Ion:112 Resp: 352132

Ion Ratio Lower Upper

112 100

64 56.4 48.5 72.7

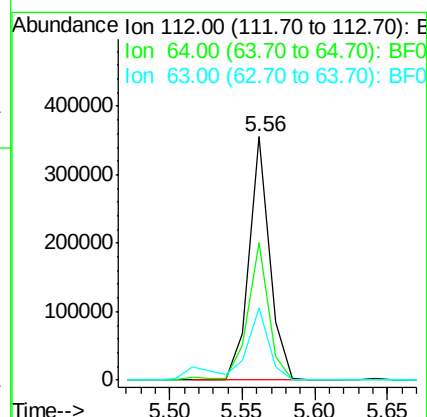
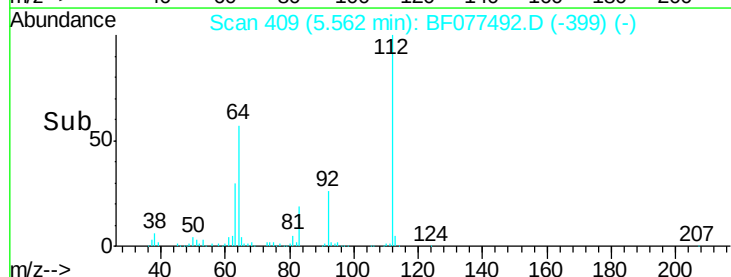
63 29.4 25.0 37.4

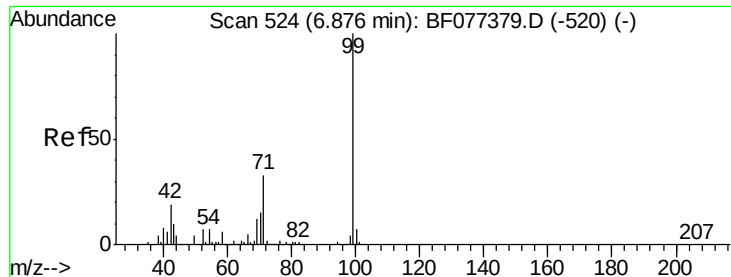


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.64 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

B-14-D910

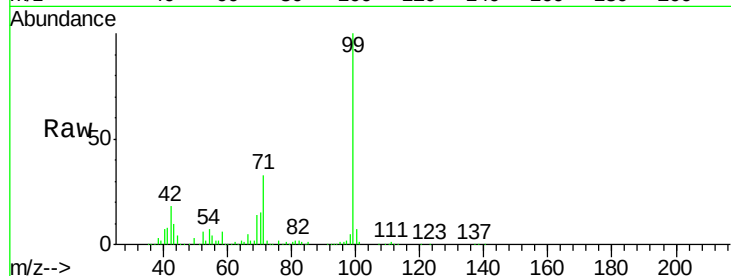
Tgt Ion: 99 Resp: 464338

Ion Ratio Lower Upper

99 100

42 17.6 16.2 24.4

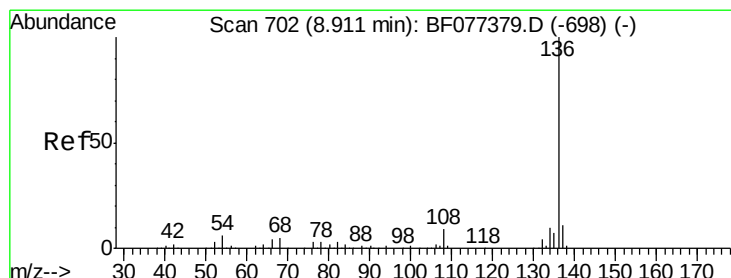
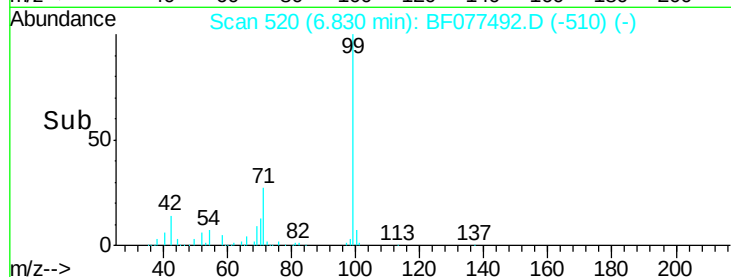
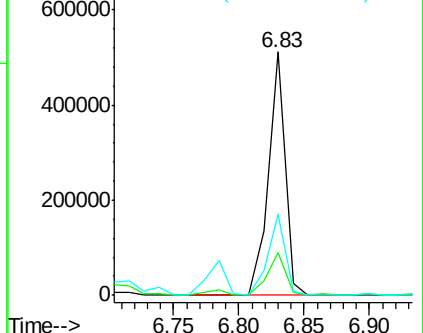
71 33.1 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.85 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Tgt Ion: 136 Resp: 285043

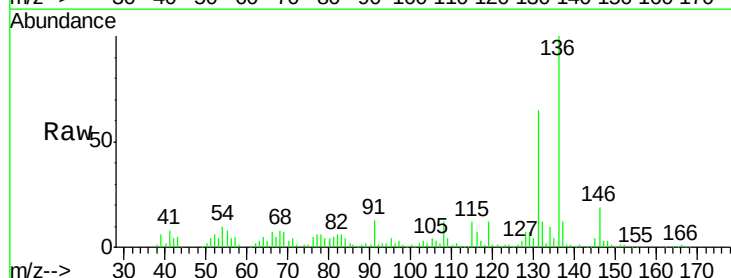
Ion Ratio Lower Upper

136 100

137 11.7 8.6 13.0

54 10.0 6.2 9.4#

68 8.1 5.0 7.6#

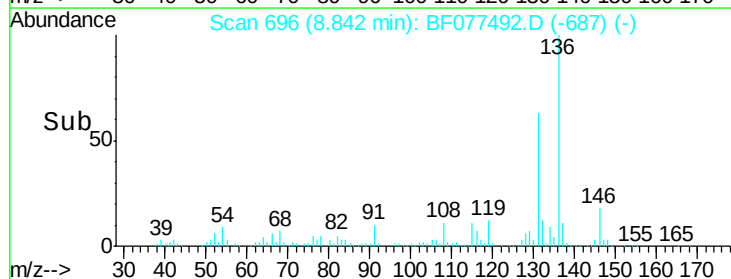
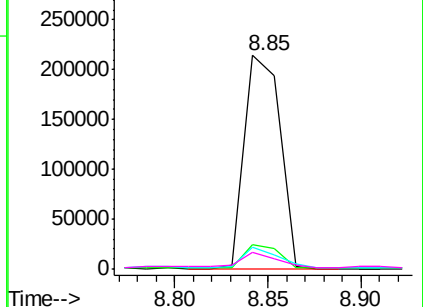


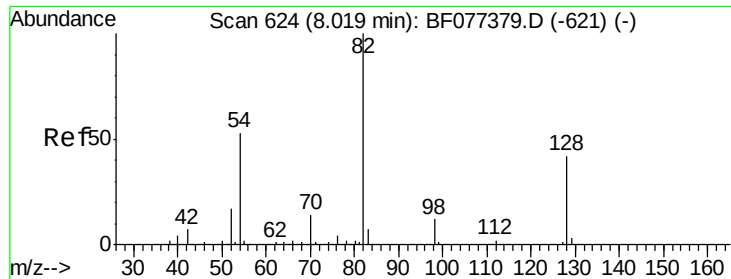
Abundance Ion 136.00 (135.70 to 136.70): E

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

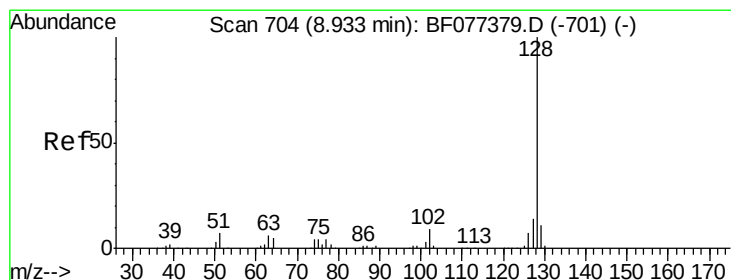
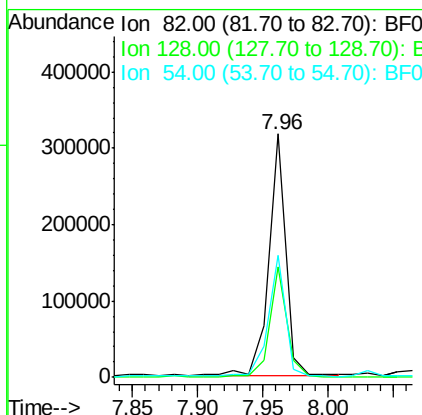
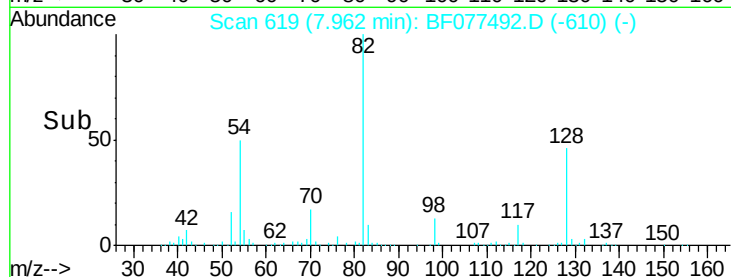
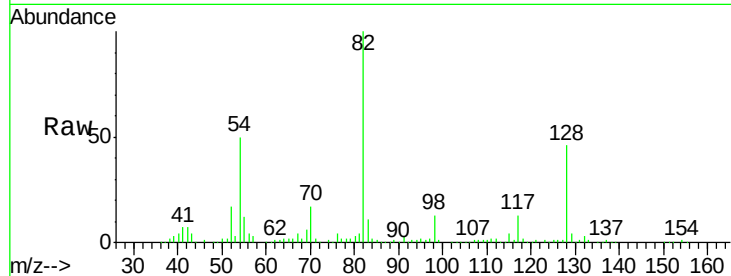




#23
Nitrobenzene-d5
Concen: 63.72 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

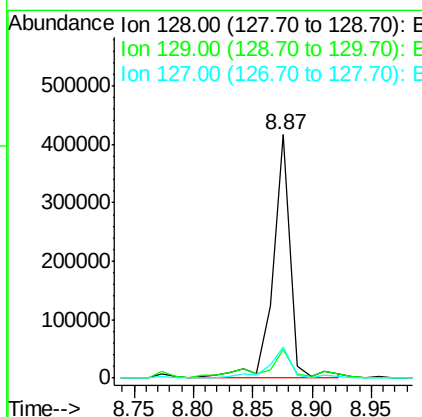
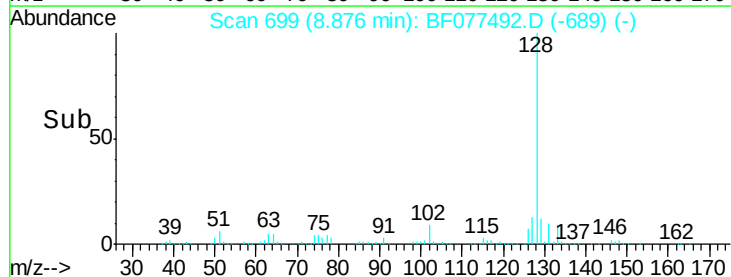
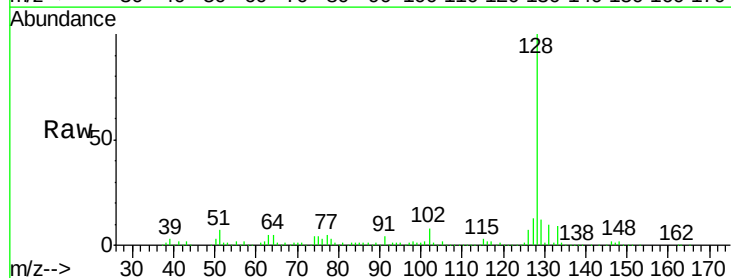
Instrument :
BNA_F
ClientSampleId :
B-14-D910

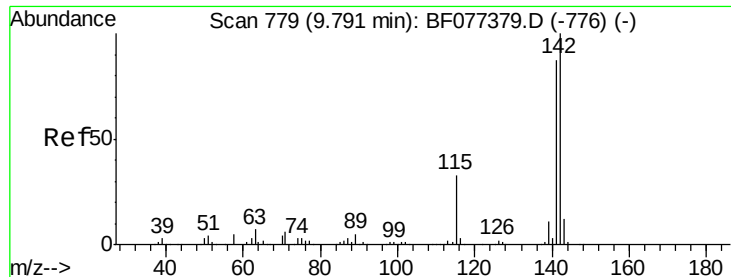
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	43.8	65.8
54	50.1	36.7	55.1



#31
Naphthalene
Concen: 29.16 ng
RT: 8.87 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.0	10.6	15.8





#37

2-Methylnaphthalene

Concen: 20.99 ng

RT: 9.73 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

B-14-D910

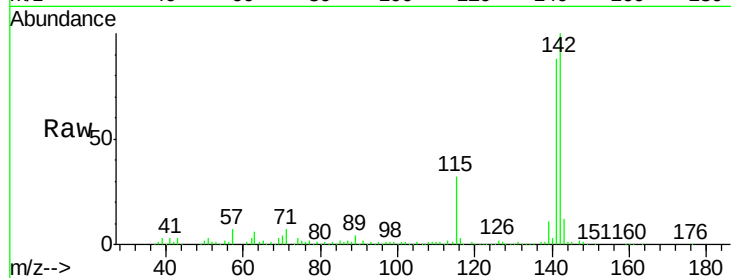
Tgt Ion:142 Resp: 212482

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1

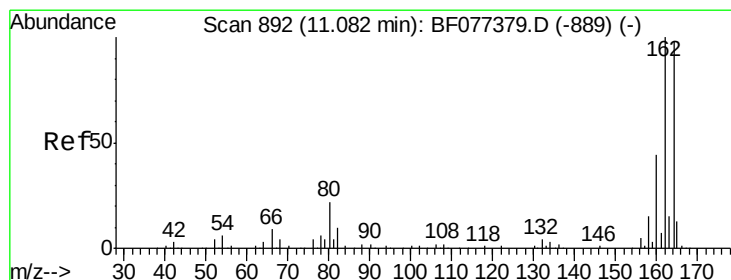
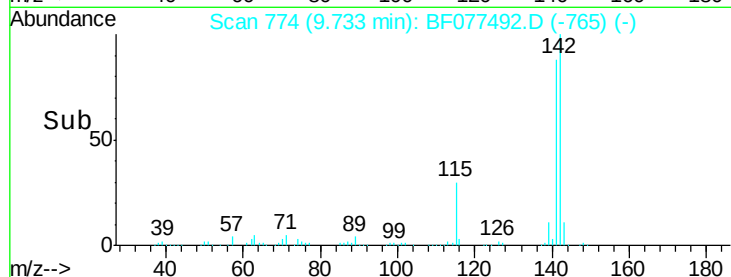
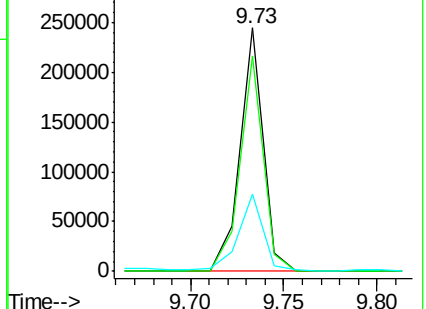
115 31.7 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

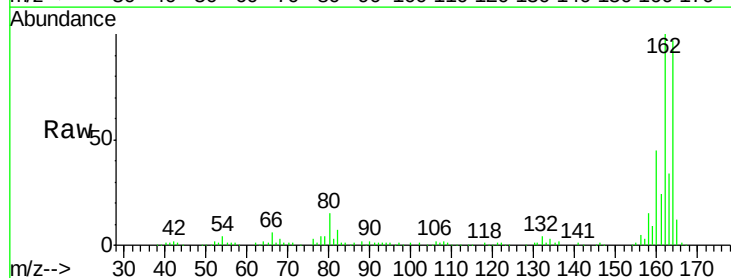
Tgt Ion:164 Resp: 152979

Ion Ratio Lower Upper

164 100

162 103.4 83.2 124.8

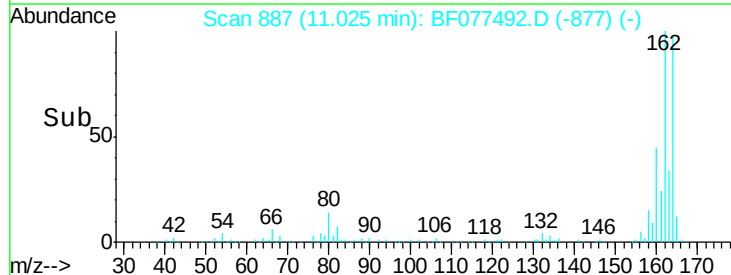
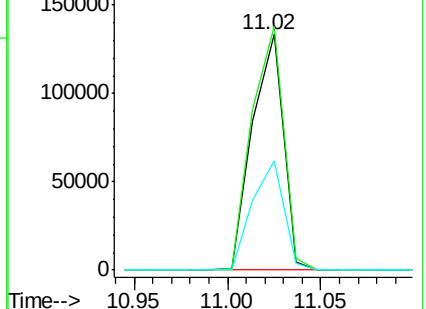
160 46.5 34.6 52.0

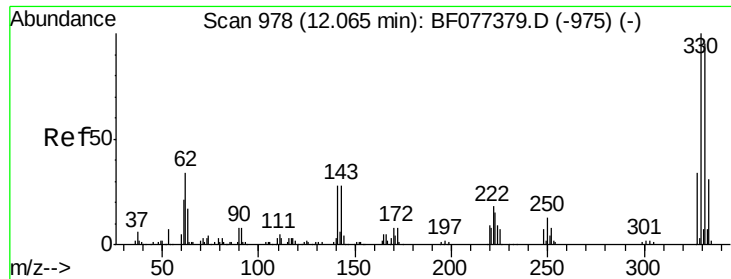


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

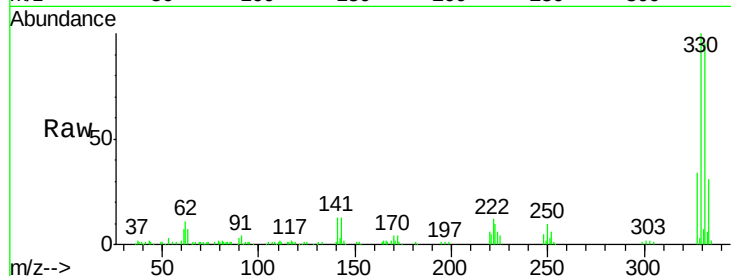




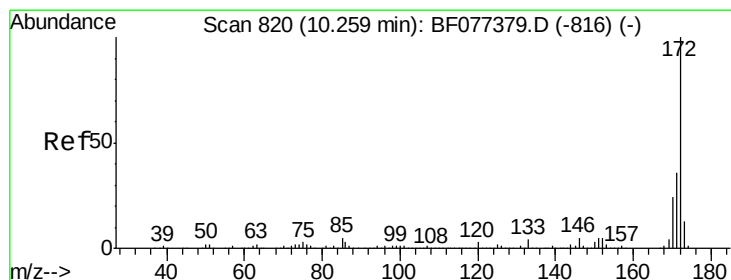
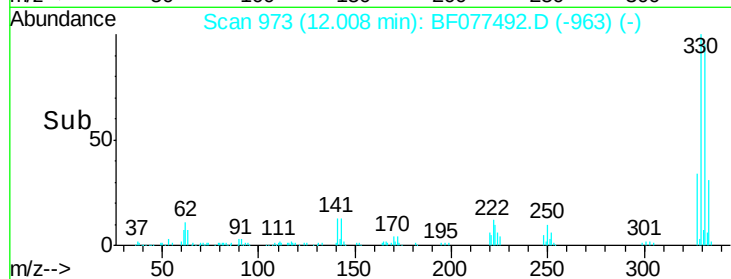
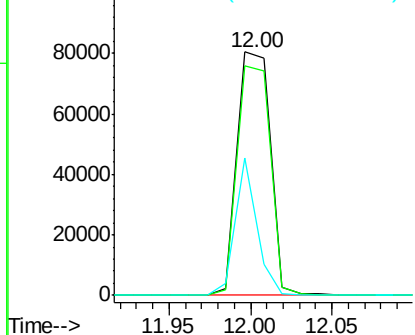
#41
 2,4,6-Tribromophenol
 Concen: 76.63 ng
 RT: 12.00 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF077492.D
 Acq: 27 Feb 2015 5:58

Instrument :
 BNA_F
 ClientSampleId :
 B-14-D910

Tgt Ion:330 Resp: 112874
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 36.6 28.8 43.2

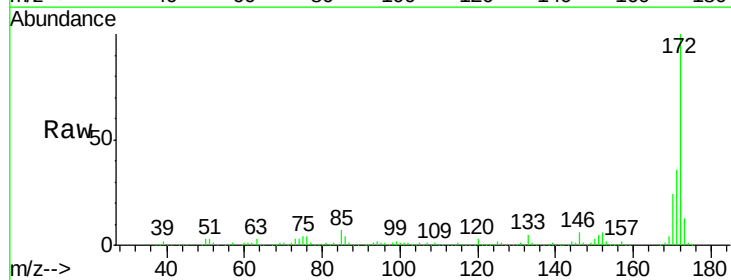


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

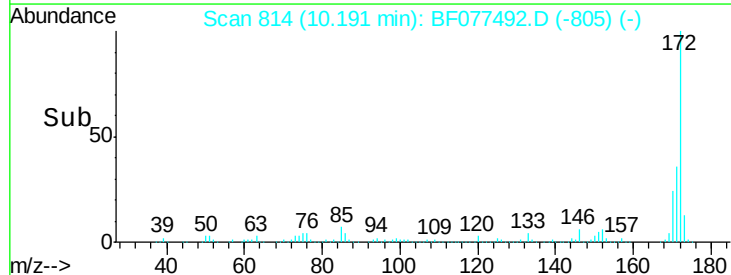
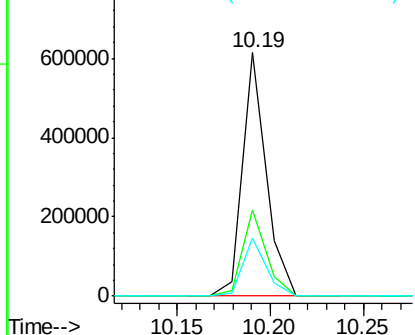


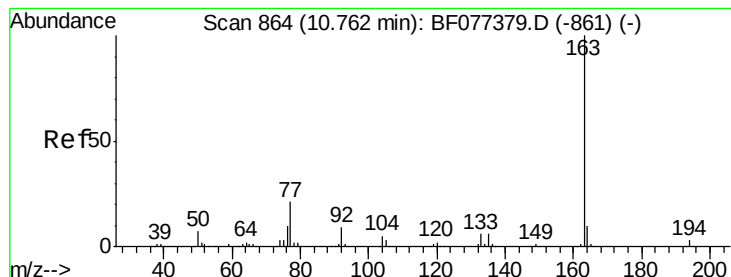
#44
 2-Fluorobiphenyl
 Concen: 55.51 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077492.D
 Acq: 27 Feb 2015 5:58

Tgt Ion:172 Resp: 544595
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 2.37 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

B-14-D910

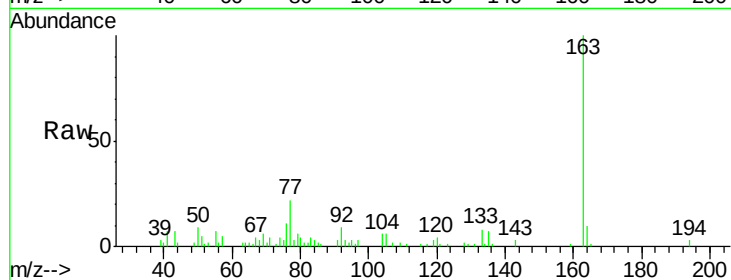
Tgt Ion:163 Resp: 25524

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

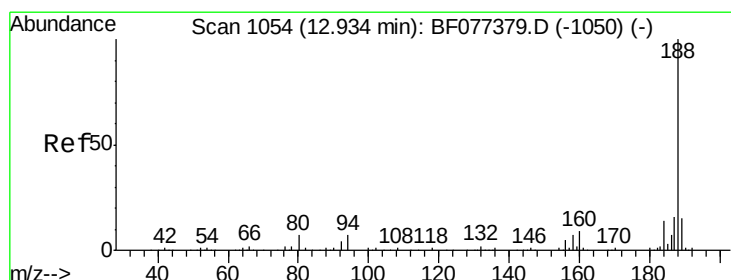
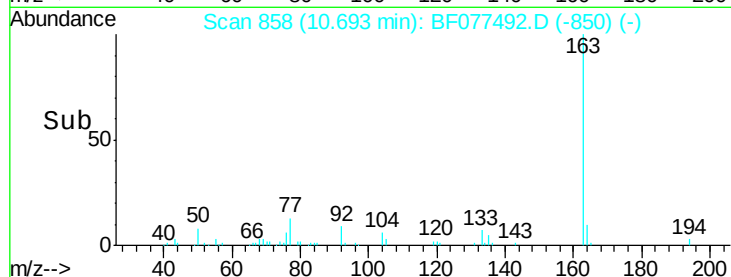
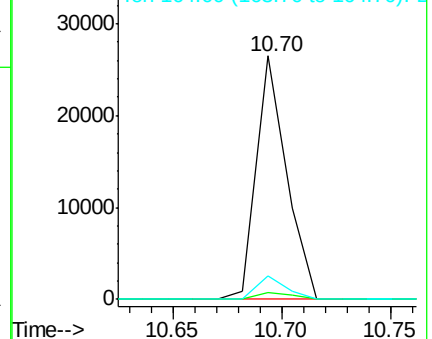
164 9.9 8.6 13.0



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: 12.87 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

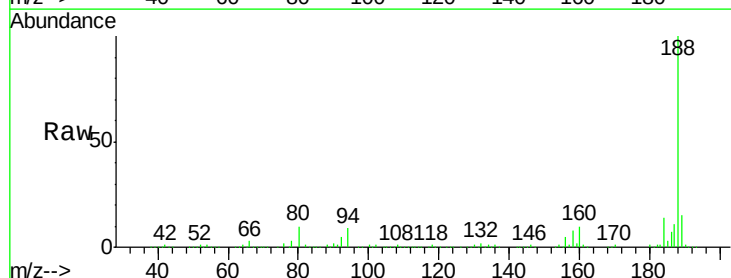
Tgt Ion:188 Resp: 319273

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

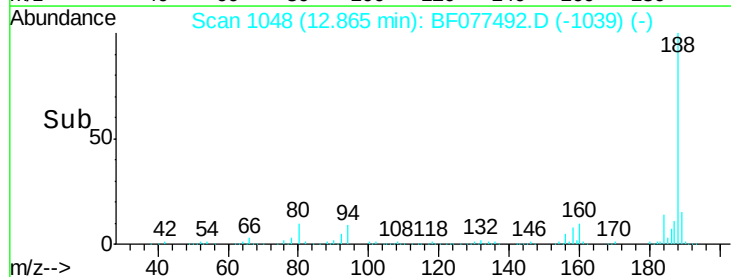
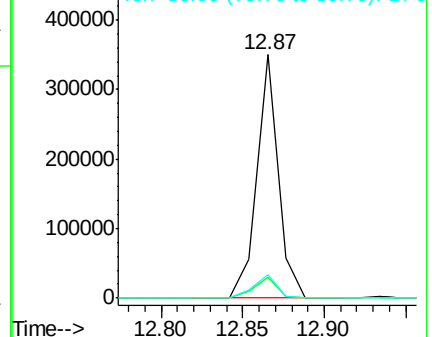
80 9.6 8.0 12.0

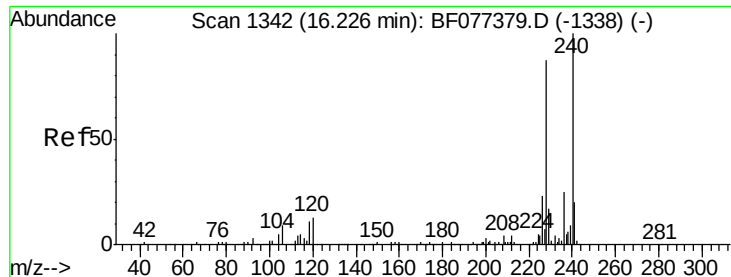


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

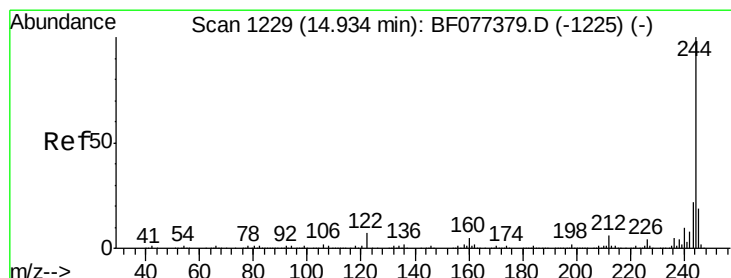
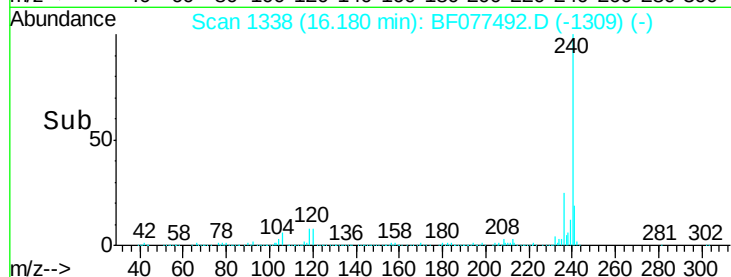
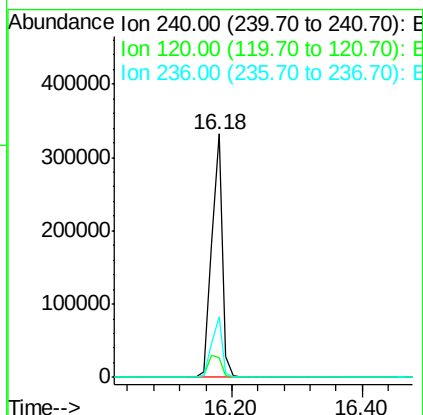
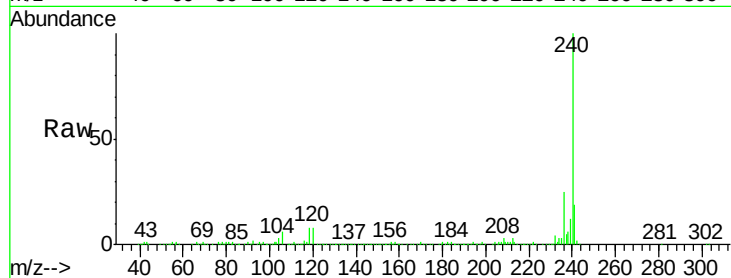




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.03 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

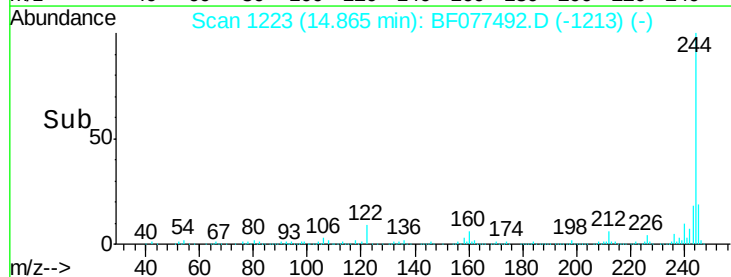
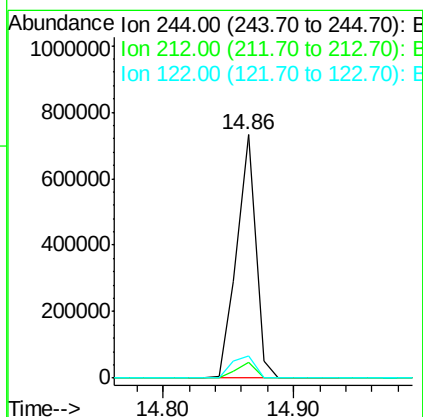
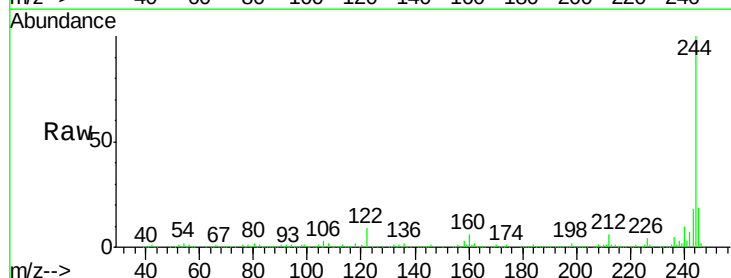
Instrument :
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B-14-D910

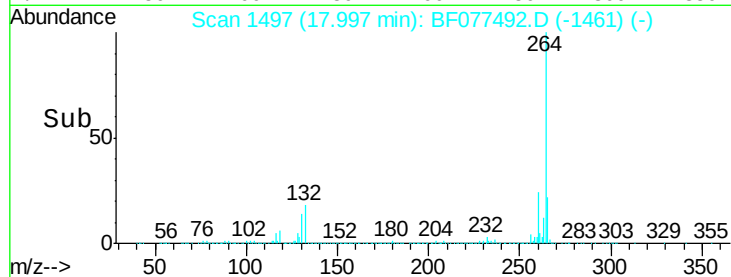
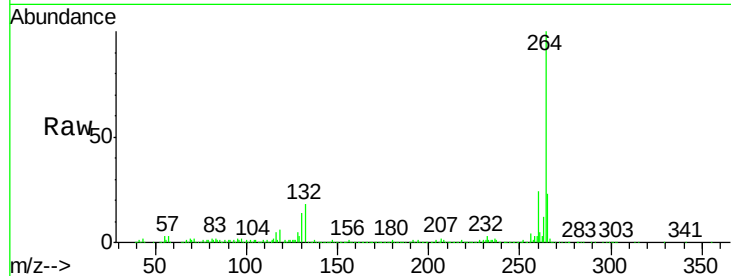
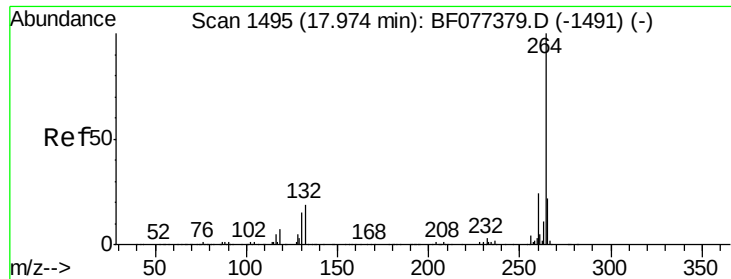
Tgt Ion:240 Resp: 383355
Ion Ratio Lower Upper
240 100
120 8.3 8.8 13.2#
236 25.1 20.7 31.1



#78
Terphenyl-d14
Concen: 45.46 ng
RT: 14.86 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

Tgt Ion:244 Resp: 745431
Ion Ratio Lower Upper
244 100
212 6.3 5.2 7.8
122 9.1 7.8 11.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.00 min Scan# 1497

Delta R.T. 0.12 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

B-14-D910

Tgt Ion: 264 Resp: 344192

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.5 16.8 25.2

