

Data Path : Z:\HPCHEM1\BNA_F\Data\BF022615\
 Data File : BF077494.D
 Acq On : 27 Feb 2015 6:54
 Operator : TP/IZ
 Sample : G1385-16
 Misc : S
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-16-D11

Quant Time: Feb 27 10:35:07 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

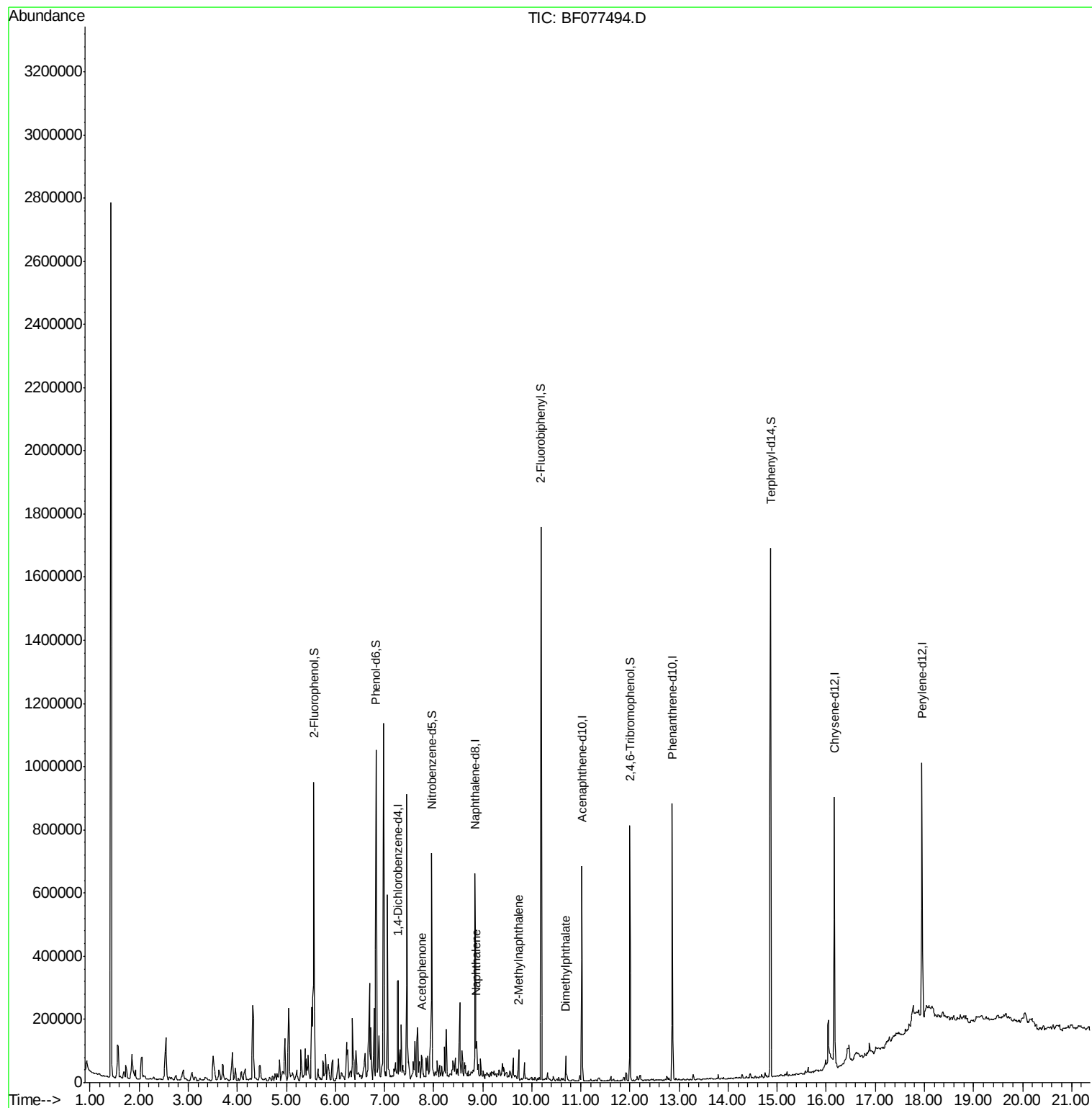
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	71140	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	303265	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	167334	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	330503	20.00	ng	0.00
75) Chrysene-d12	16.17	240	362317	20.00	ng	0.02
86) Perylene-d12	17.95	264	366248	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	274213	64.35	ng	0.01
7) Phenol-d6	6.83	99	376314	68.68	ng	0.00
23) Nitrobenzene-d5	7.96	82	214736	44.03	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	101838	63.21	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	518195	48.29	ng	0.00
78) Terphenyl-d14	14.86	244	654677	42.24	ng	0.00
Target Compounds						
22) Acetophenone	7.76	105	17545	2.46	ng	Qvalue # 53
31) Naphthalene	8.87	128	50970	3.36	ng	97
37) 2-Methylnaphthalene	9.73	142	26119	2.43	ng	98
49) Dimethylphthalate	10.70	163	31666	2.69	ng	# 97

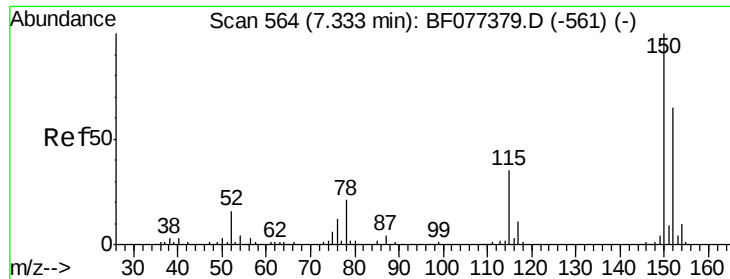
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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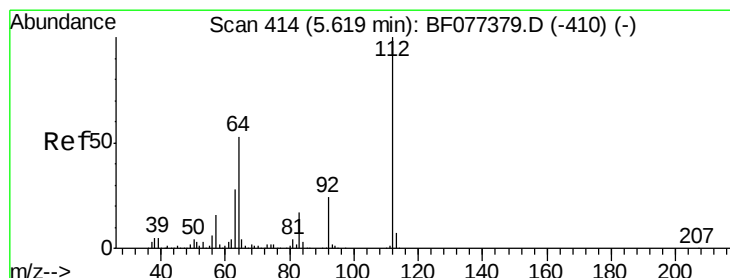
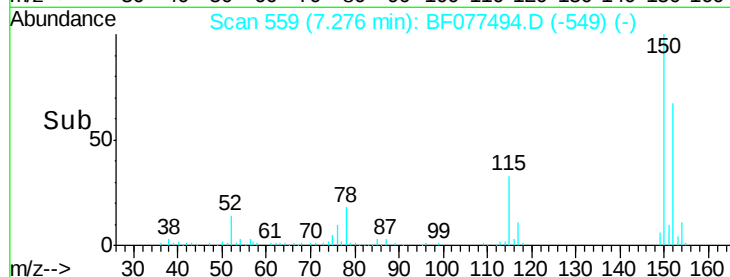
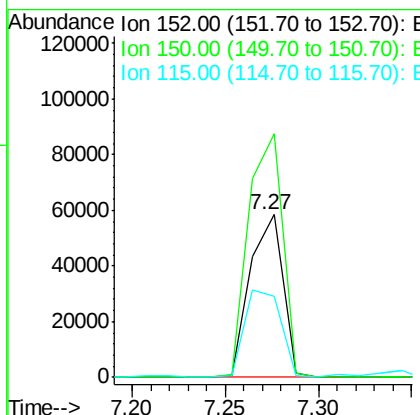
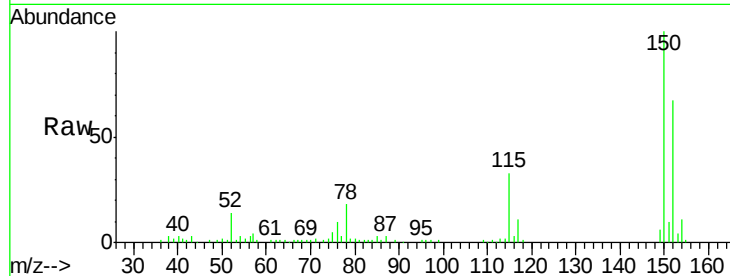




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.27 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF077494.D
 Acq: 27 Feb 2015 6:54

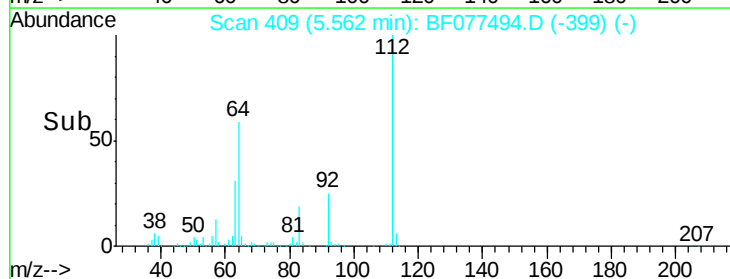
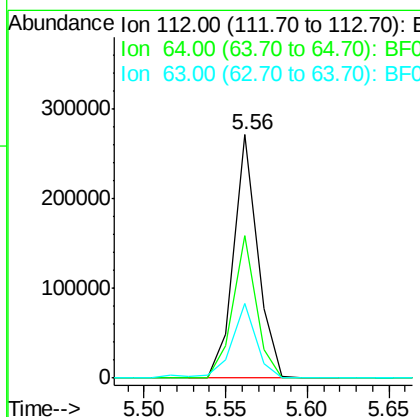
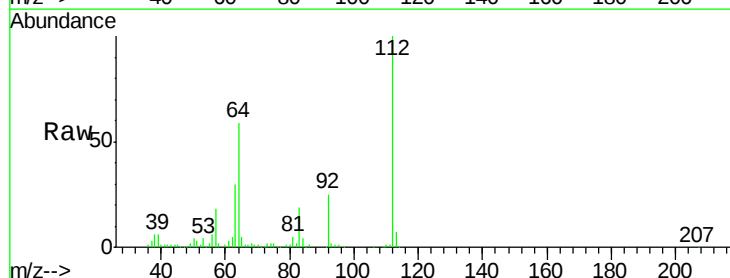
Instrument :
 BNA_F
 ClientSampleId :
 B-16-D11

Tgt Ion:152 Resp: 71140
 Ion Ratio Lower Upper
 152 100
 150 149.6 124.0 186.0
 115 50.1 49.4 74.2



#5
 2-Fluorophenol
 Concen: 64.35 ng
 RT: 5.56 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF077494.D
 Acq: 27 Feb 2015 6:54

Tgt Ion:112 Resp: 274213
 Ion Ratio Lower Upper
 112 100
 64 58.7 48.5 72.7
 63 30.5 25.0 37.4





#7

Phenol-d6

Concen: 68.68 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

Instrument :

BNA_F

ClientSampleId :

B-16-D11

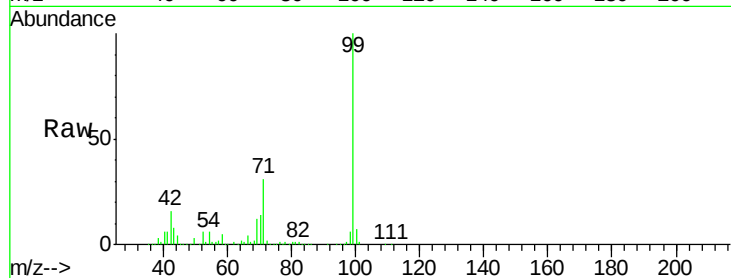
Tgt Ion: 99 Resp: 376314

Ion Ratio Lower Upper

99 100

42 16.4 16.2 24.4

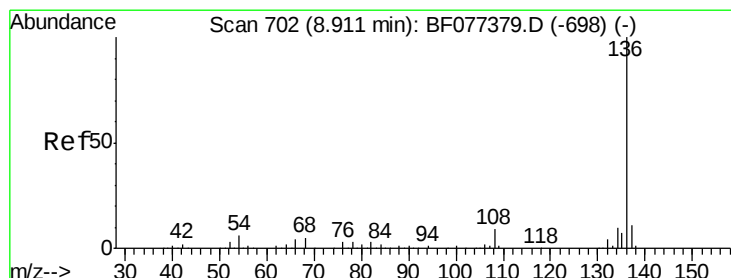
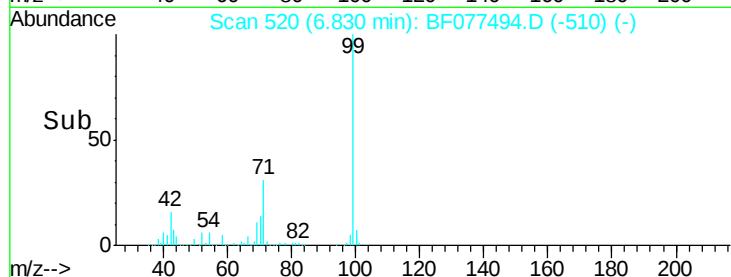
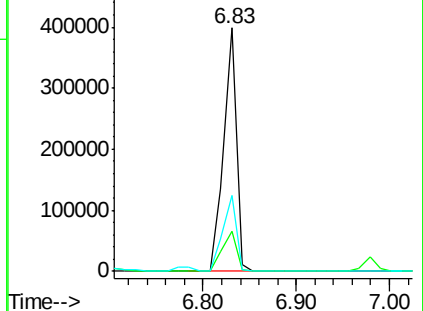
71 31.3 26.7 40.1



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. 0.00 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

Tgt Ion: 136 Resp: 303265

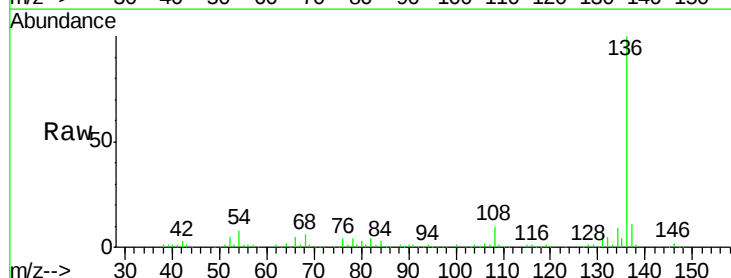
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.4 6.2 9.4

68 6.4 5.0 7.6

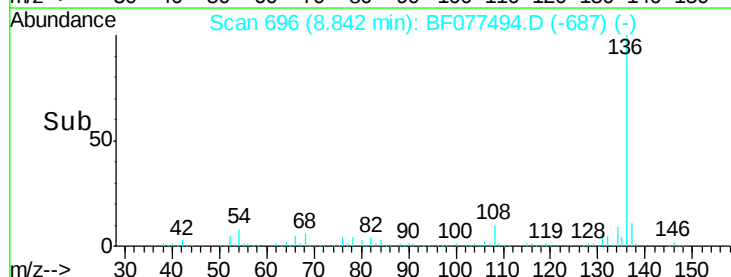
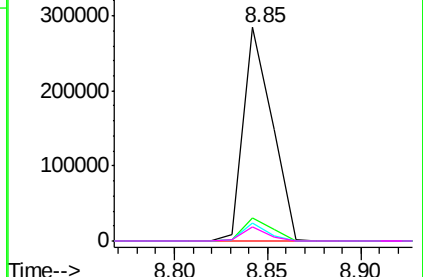


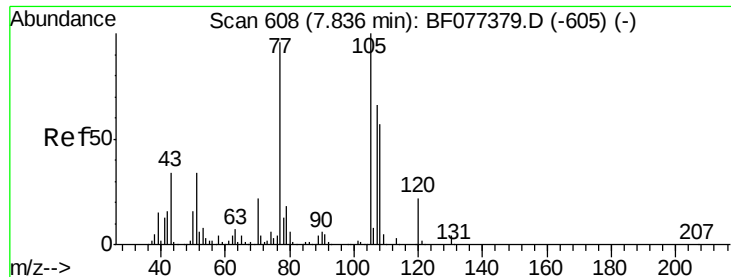
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 2.46 ng

RT: 7.76 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

Instrument :

BNA_F

ClientSampleId :

B-16-D11

Tgt Ion: 105 Resp: 17545

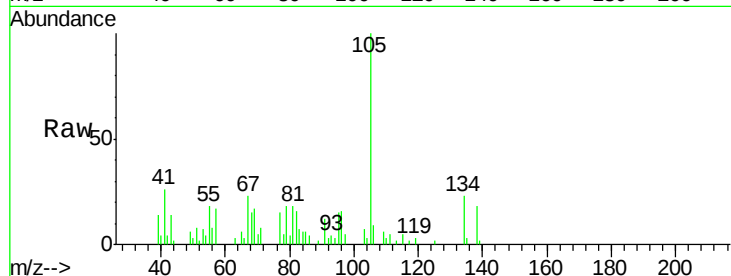
Ion Ratio Lower Upper

105 100

71 8.0 1.7 2.5#

51 8.3 30.7 46.1#

120 0.0 16.7 25.1#

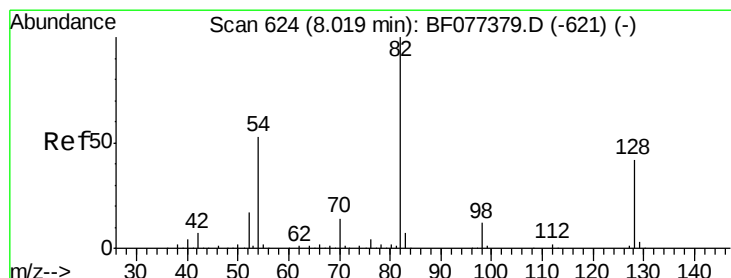
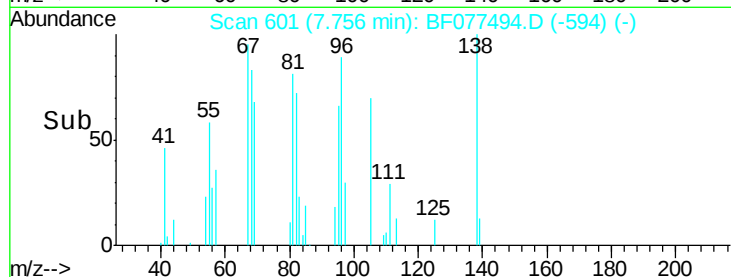
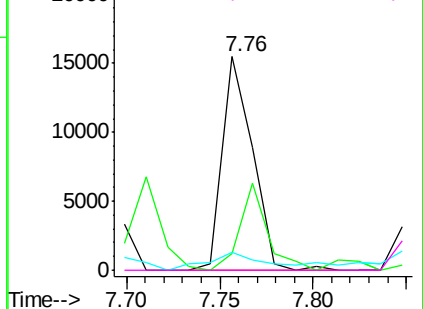


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 44.03 ng

RT: 7.96 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

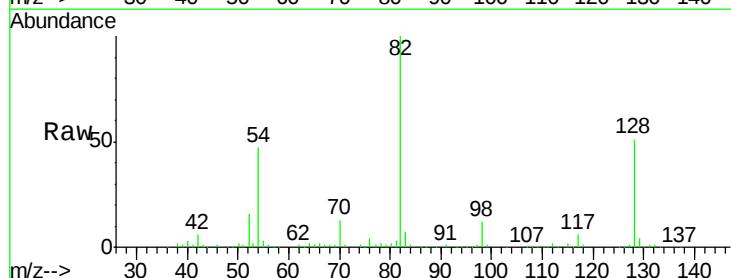
Tgt Ion: 82 Resp: 214736

Ion Ratio Lower Upper

82 100

128 50.9 43.8 65.8

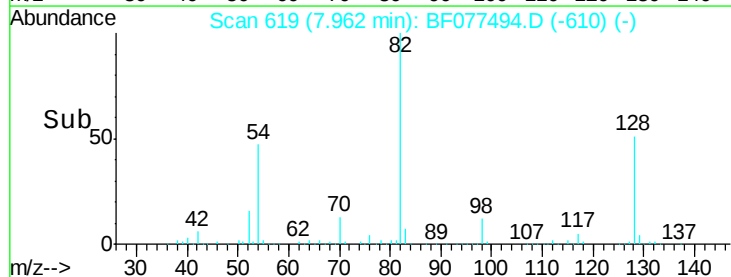
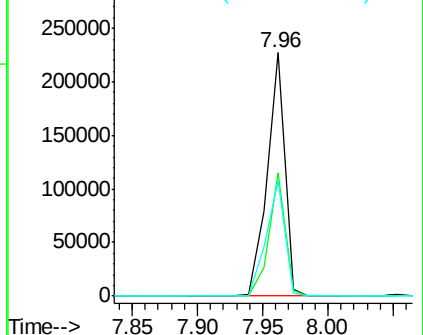
54 47.4 36.7 55.1

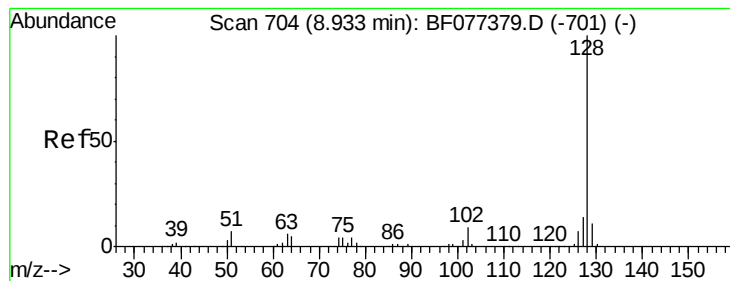


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.36 ng

RT: 8.87 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

Instrument :

BNA_F

ClientSampleId :

B-16-D11

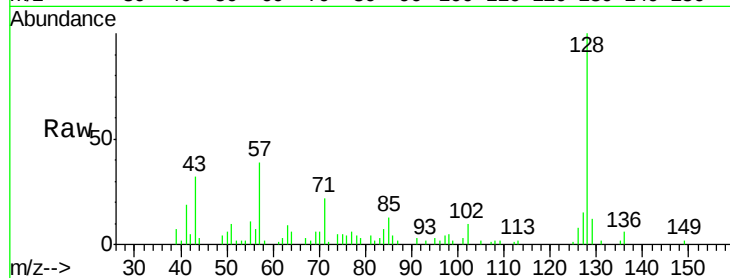
Tgt Ion:128 Resp: 50970

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.0

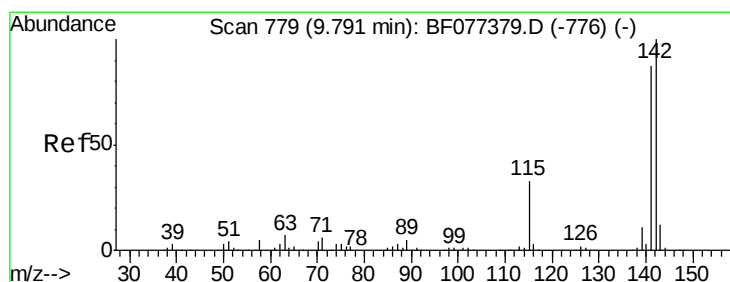
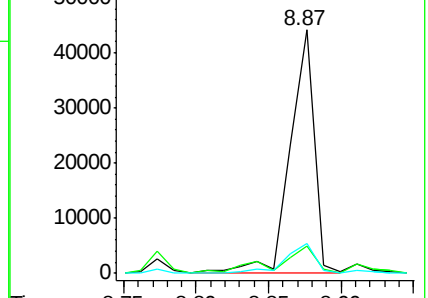
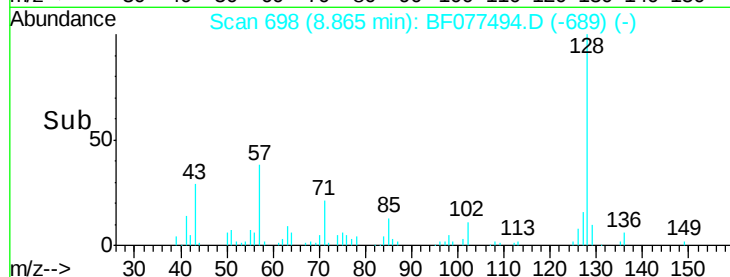
127 15.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.43 ng

RT: 9.73 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

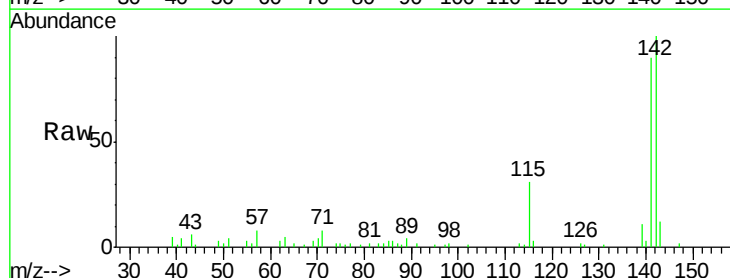
Tgt Ion:142 Resp: 26119

Ion Ratio Lower Upper

142 100

141 90.1 70.7 106.1

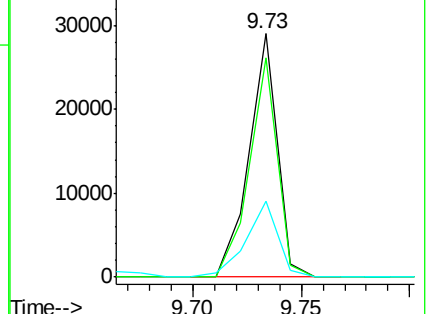
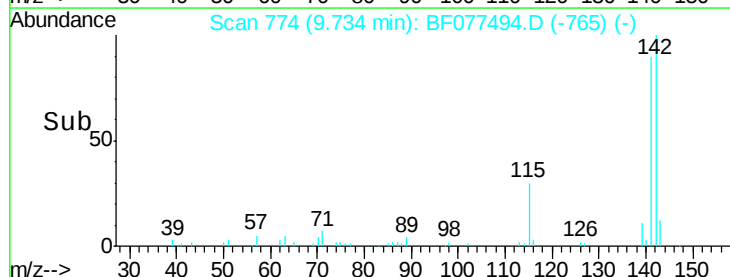
115 31.4 24.2 36.4

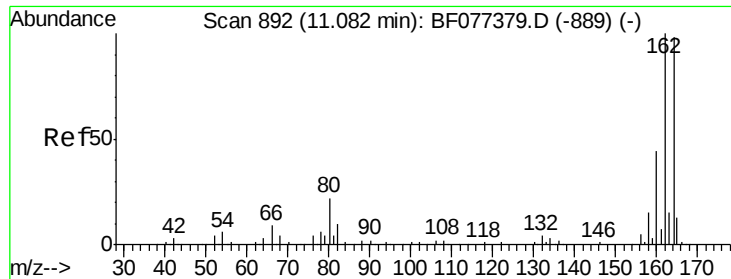


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF077494.D

Acq: 27 Feb 2015 6:54

Instrument :

BNA_F

ClientSampleId :

B-16-D11

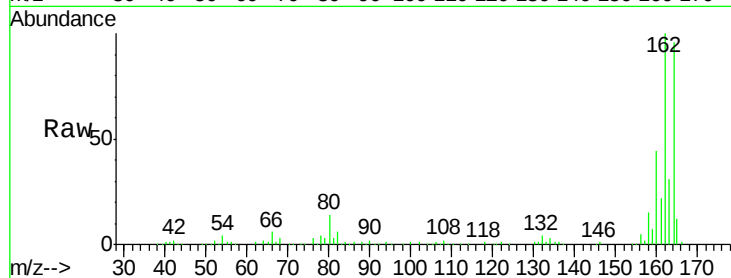
Tgt Ion:164 Resp: 167334

Ion Ratio Lower Upper

164 100

162 104.0 83.2 124.8

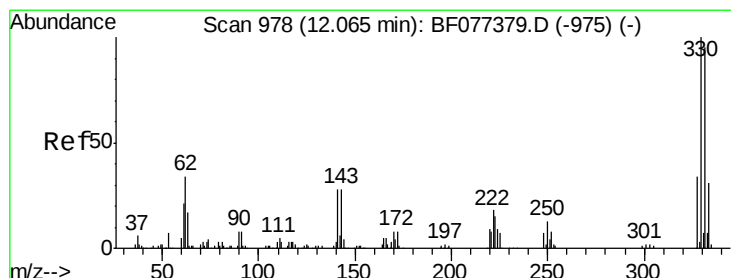
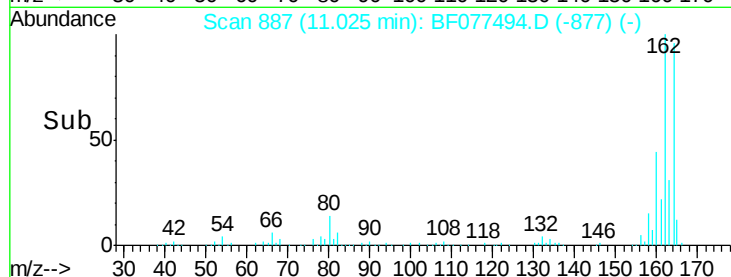
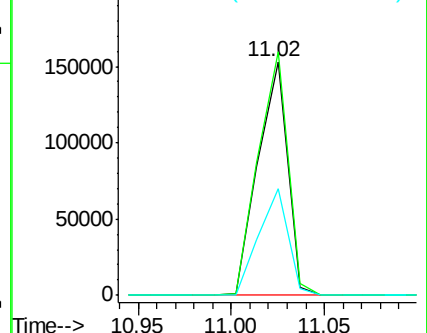
160 45.7 34.6 52.0



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: 63.21 ng

RT: 12.00 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

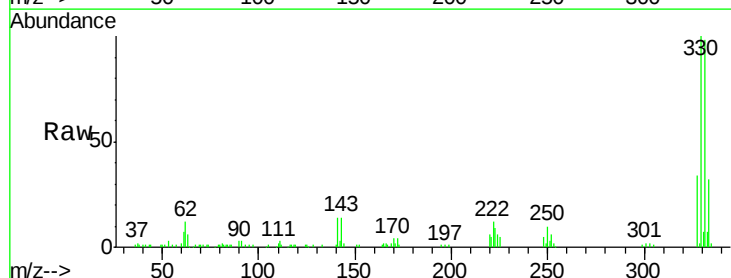
Tgt Ion:330 Resp: 101838

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

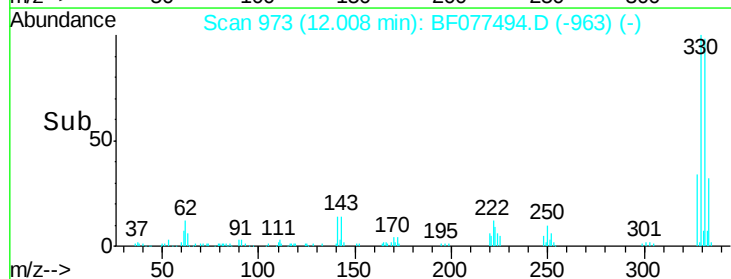
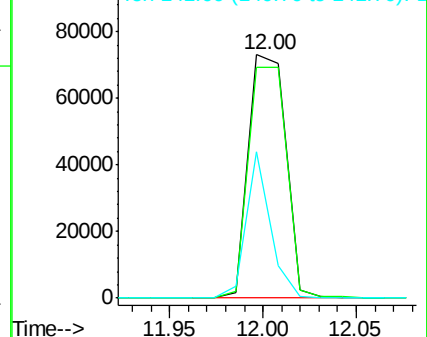
141 38.8 28.8 43.2

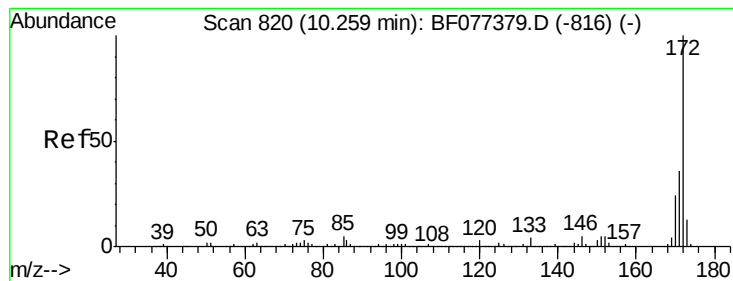


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 48.29 ng

RT: 10.19 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

Instrument :

BNA_F

ClientSampled :

B-16-D11

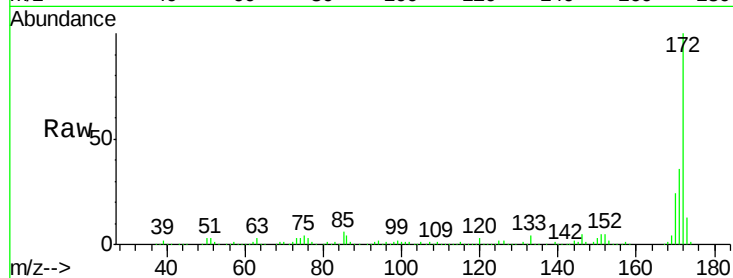
Tgt Ion:172 Resp: 518195

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

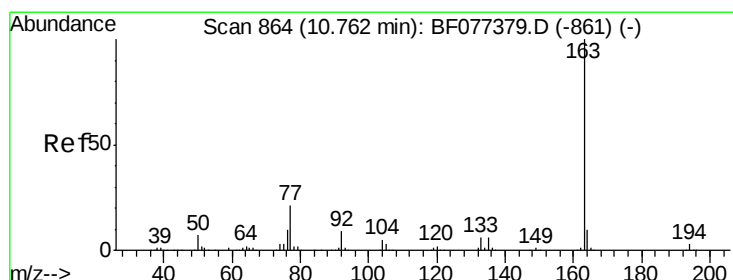
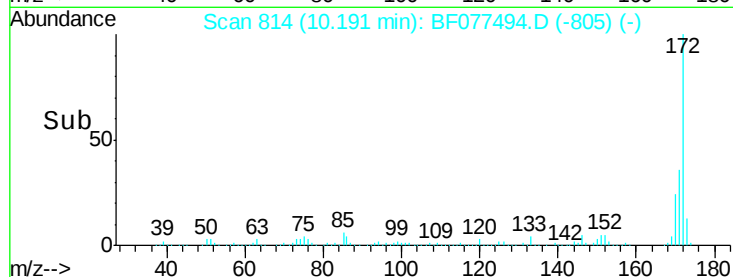
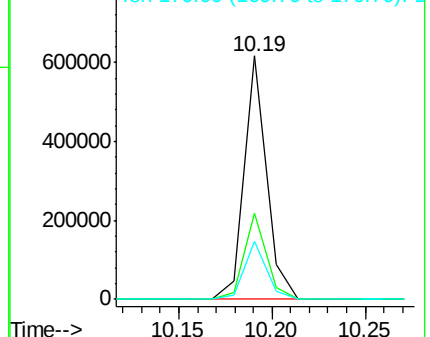
170 23.9 19.4 29.2



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: 2.69 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

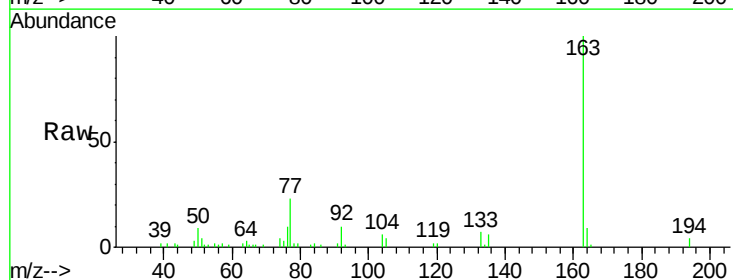
Tgt Ion:163 Resp: 31666

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

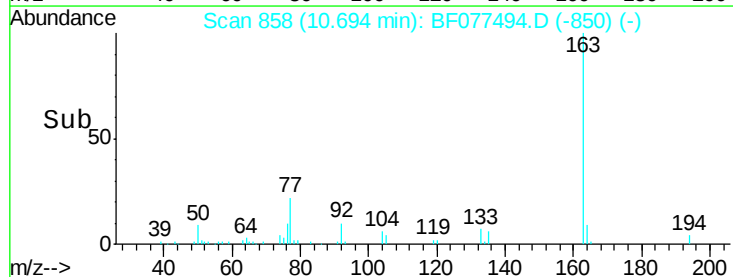
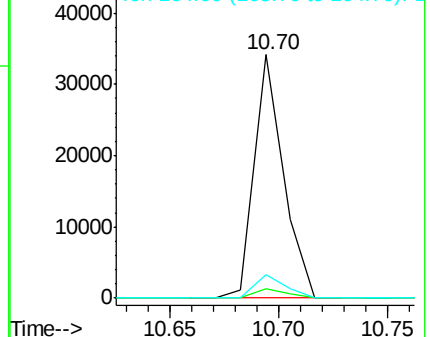
164 9.5 8.6 13.0

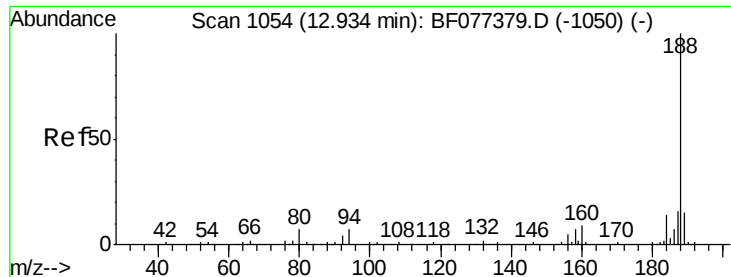


Abundance Ion 163.00 (162.70 to 163.70): E

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: BF077494.D

Acq: 27 Feb 2015 6:54

Instrument :

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B-16-D11

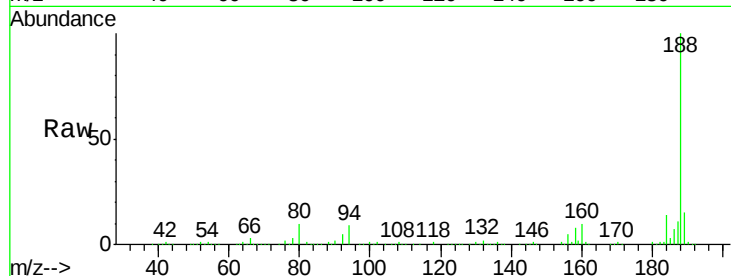
Tgt Ion:188 Resp: 330503

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

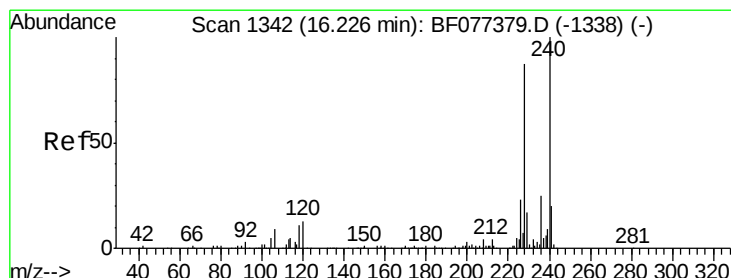
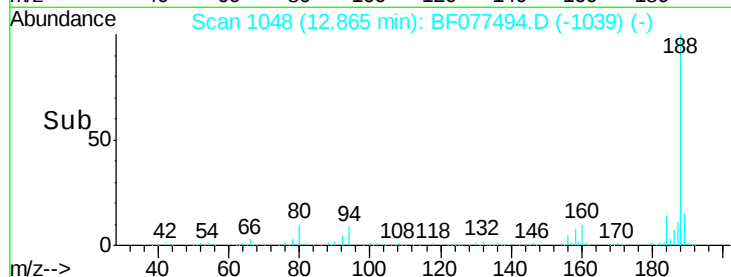
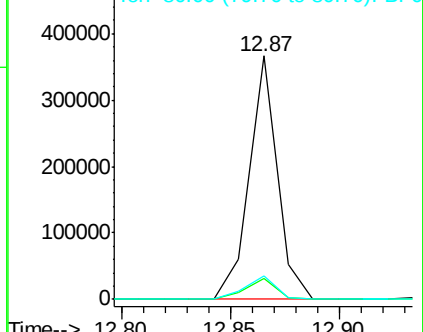
80 9.7 8.0 12.0



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: 16.17 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BF077494.D

Acq: 27 Feb 2015 6:54

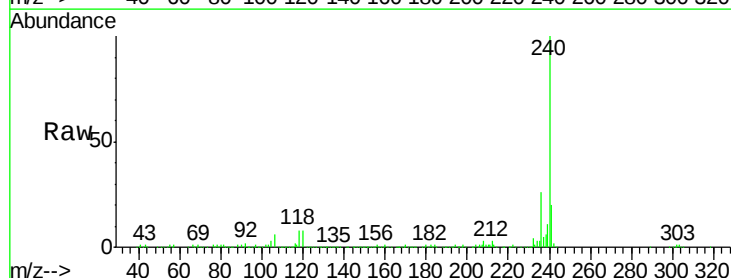
Tgt Ion:240 Resp: 362317

Ion Ratio Lower Upper

240 100

120 8.4 8.8 13.2#

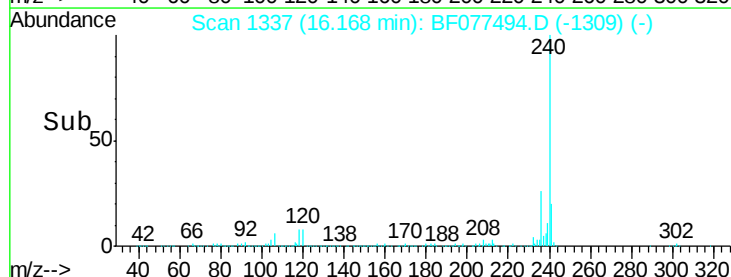
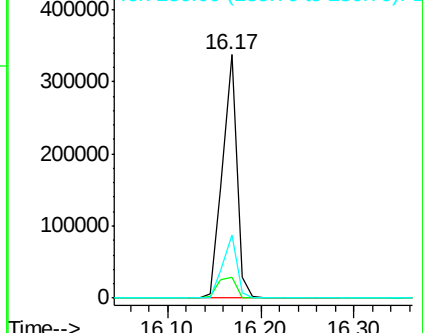
236 25.7 20.7 31.1

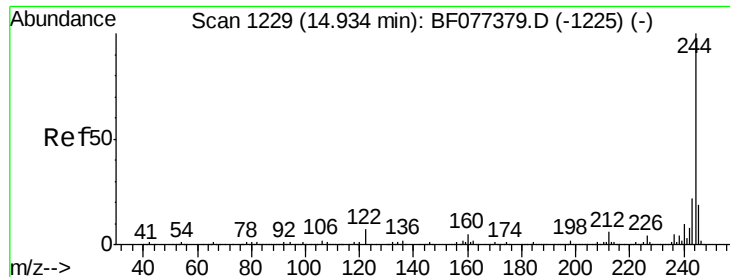


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

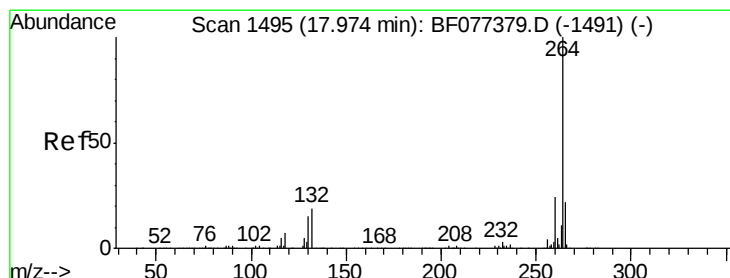
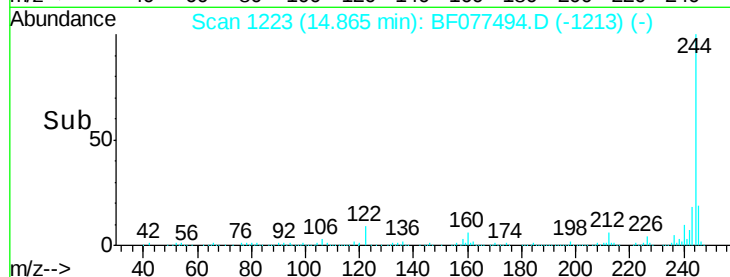
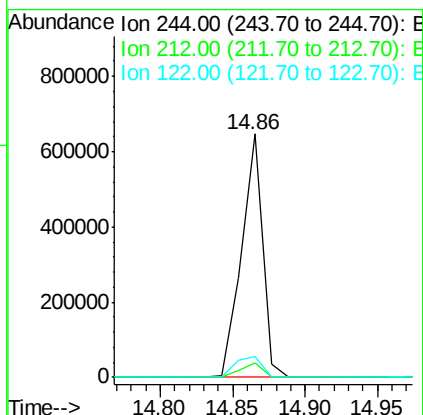
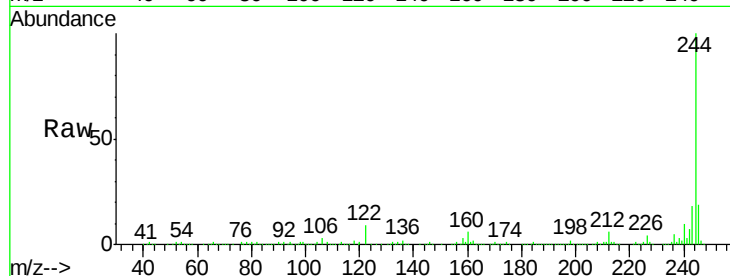




#78
 Terphenyl-d14
 Concen: 42.24 ng
 RT: 14.86 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF077494.D
 Acq: 27 Feb 2015 6:54

Instrument :
 BNA_F
 ClientSampleId :
 B-16-D11

Tgt Ion:244 Resp: 654677
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.2 7.8
 122 8.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.07 min
 Lab File: BF077494.D
 Acq: 27 Feb 2015 6:54

Tgt Ion:264 Resp: 366248
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.7 16.8 25.2

