

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077021.D
 Acq On : 22 Jan 2015 20:13
 Operator : TP/IZ
 Sample : G1136-12
 Misc : S
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: Jan 23 10:07:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 00:19:18 2015
 Response via : Initial Calibration

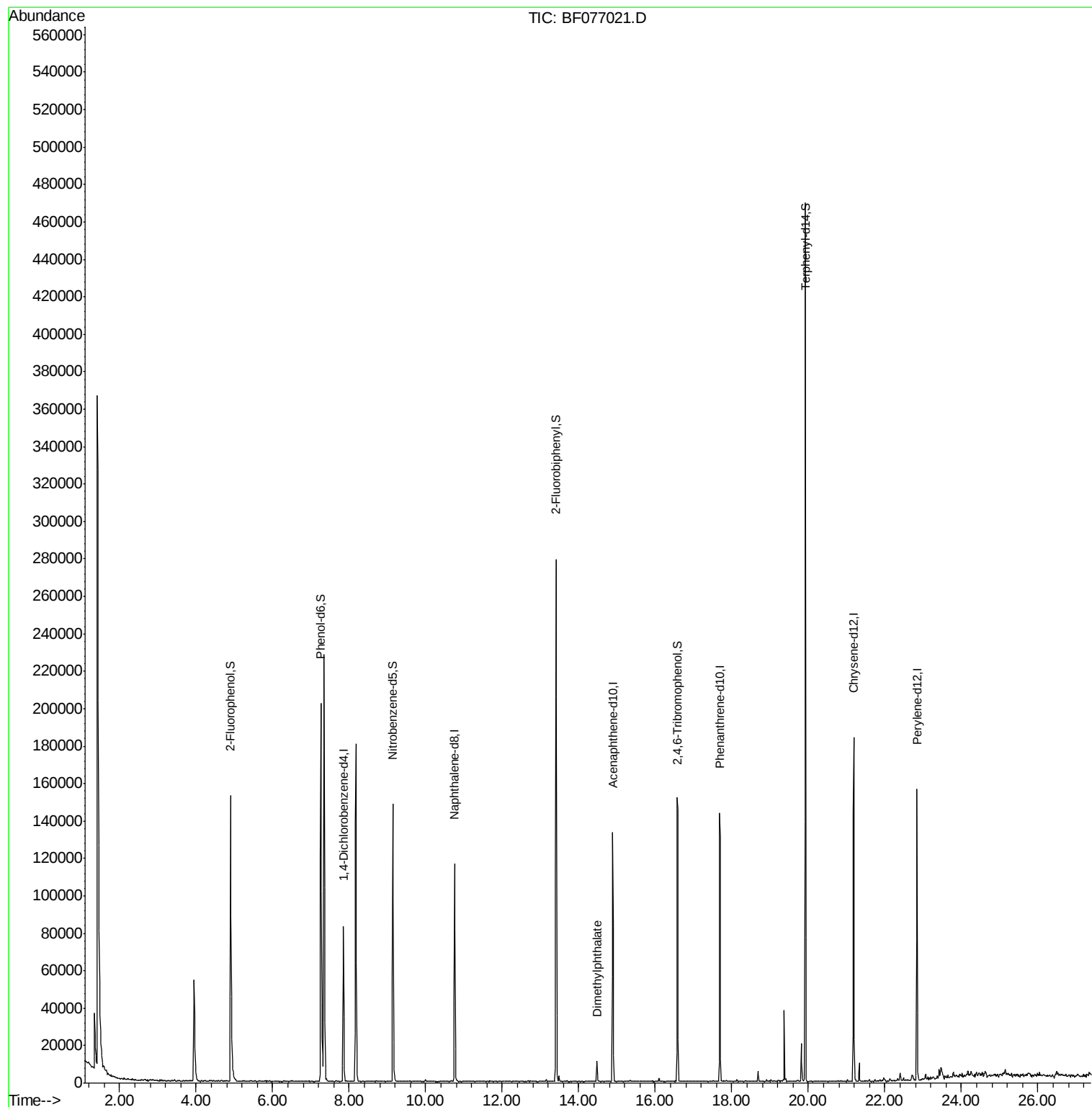
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	24245	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	94025	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	51143	20.00	ng	-0.01
63) Phenanthrene-d10	17.68	188	85981	20.00	ng	-0.01
75) Chrysene-d12	21.19	240	84231	20.00	ng	0.00
86) Perylene-d12	22.84	264	75147	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	99353	67.38	ng	0.01
7) Phenol-d6	7.26	99	131397	70.63	ng	0.00
23) Nitrobenzene-d5	9.14	82	80729	47.57	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	27436	66.09	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	158701	47.22	ng	-0.01
78) Terphenyl-d14	19.92	244	162914	44.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.48	163	9992	2.75	ng	# 97

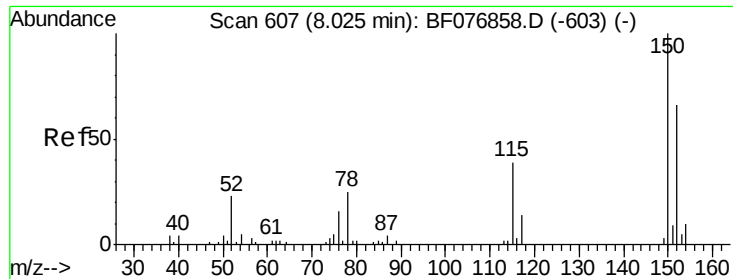
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

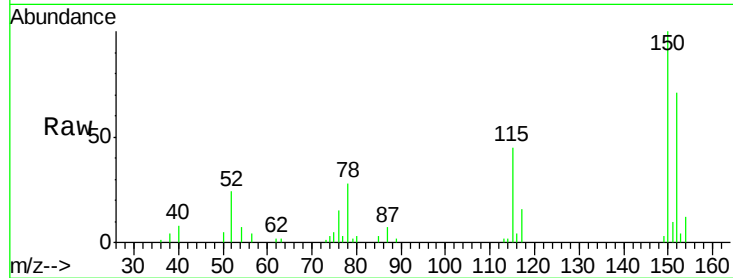
Tot Ion:152 Resp: 24245

Ion Ratio Lower Upper

152 100

150 140.4 121.7 182.5

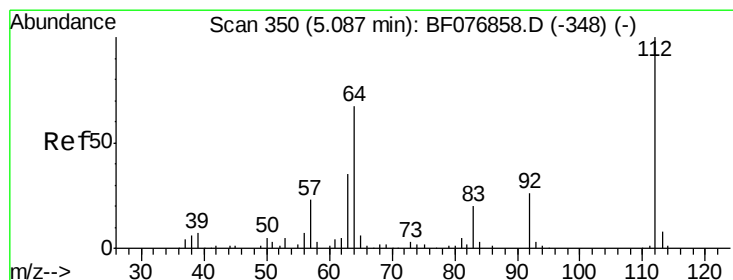
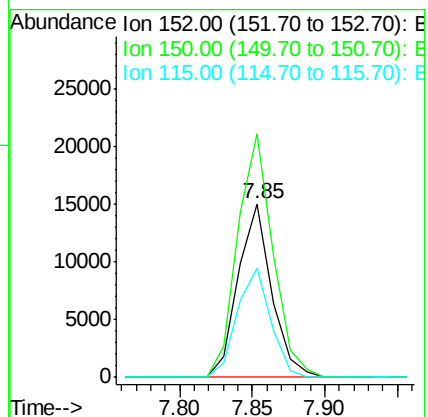
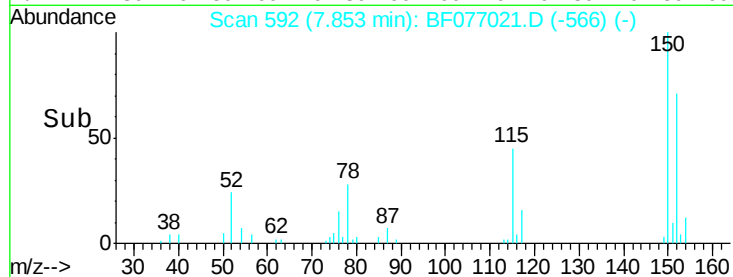
115 62.7 47.0 70.6



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: 67.38 ng

RT: 4.90 min Scan# 334

Delta R.T. 0.01 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

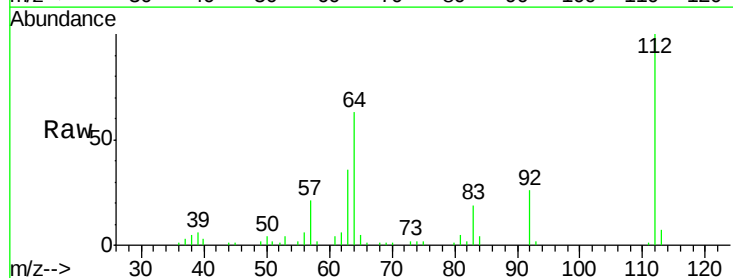
Tgt Ion:112 Resp: 99353

Ion Ratio Lower Upper

112 100

64 62.6 54.2 81.4

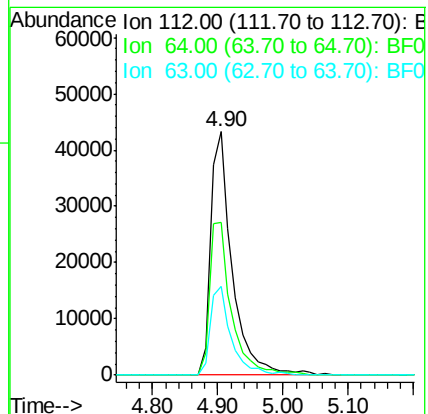
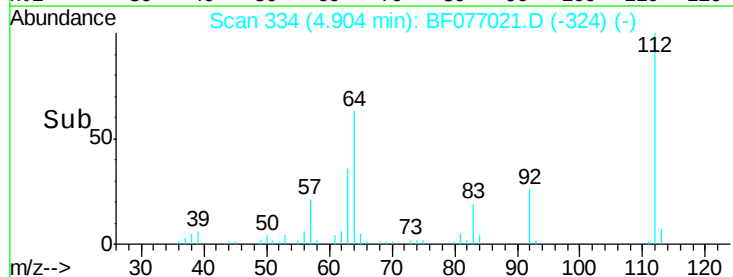
63 36.3 28.4 42.6

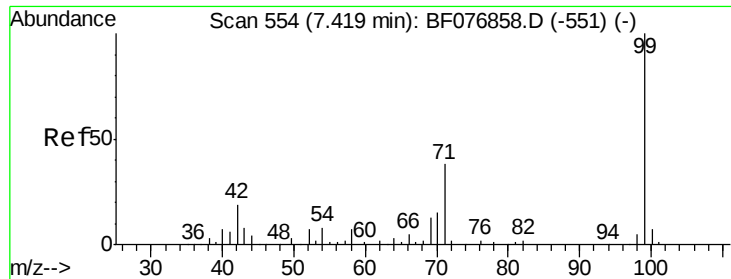


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 70.63 ng

RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

Instrument :

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SB-17-COMP

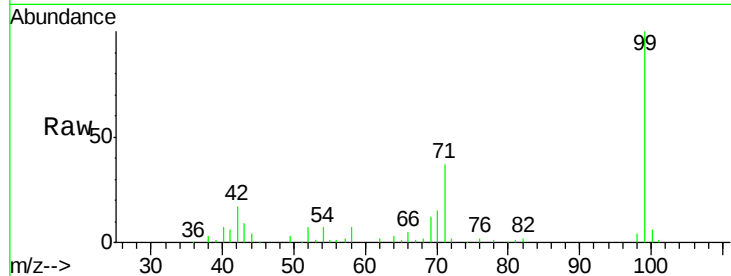
Tot Ion: 99 Resp: 131397

Ion Ratio Lower Upper

99 100

42 16.7 15.0 22.4

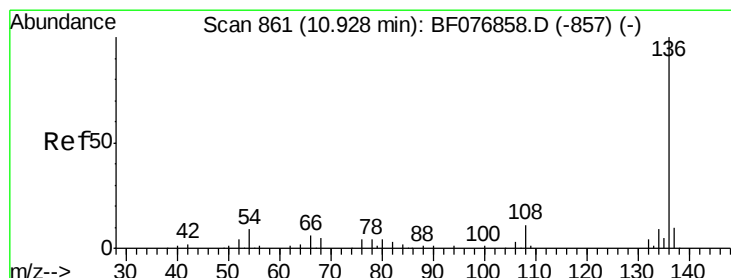
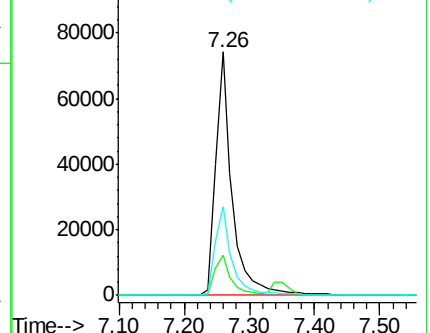
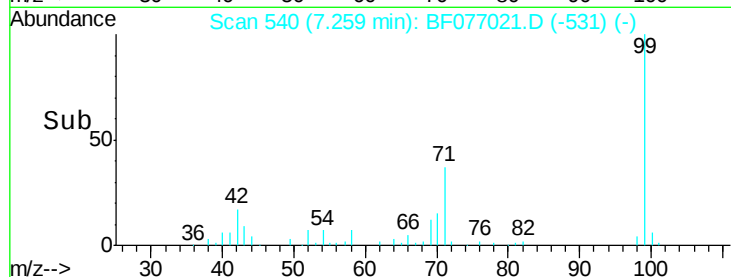
71 36.7 30.5 45.7



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: 10.76 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

Tgt Ion: 136 Resp: 94025

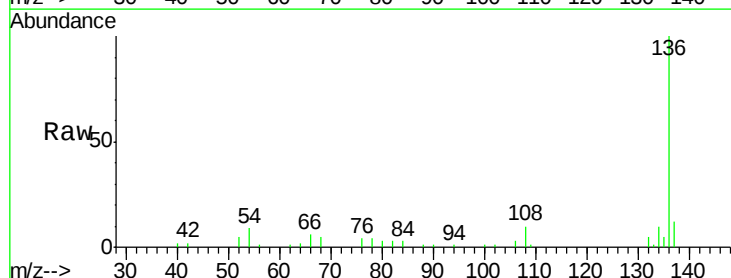
Ion Ratio Lower Upper

136 100

137 11.8 8.1 12.1

54 8.8 7.0 10.4

68 4.6 3.7 5.5

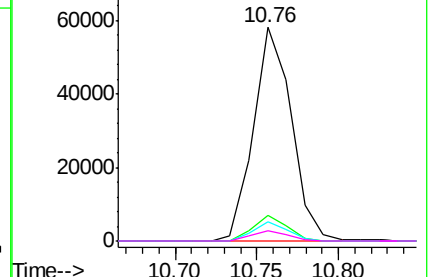
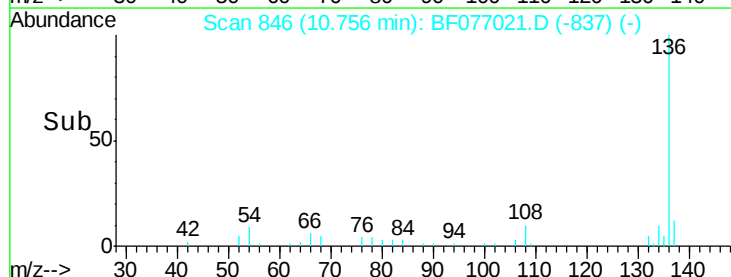


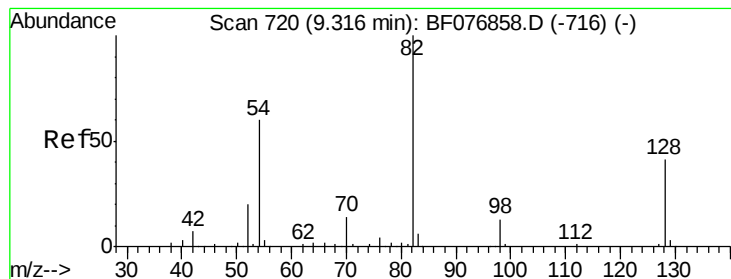
Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.57 ng

RT: 9.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

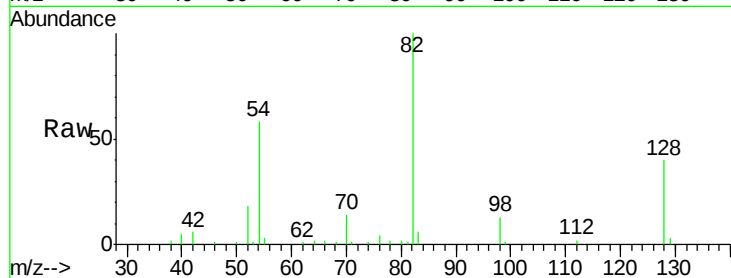
Tot Ion: 82 Resp: 80729

Ion Ratio Lower Upper

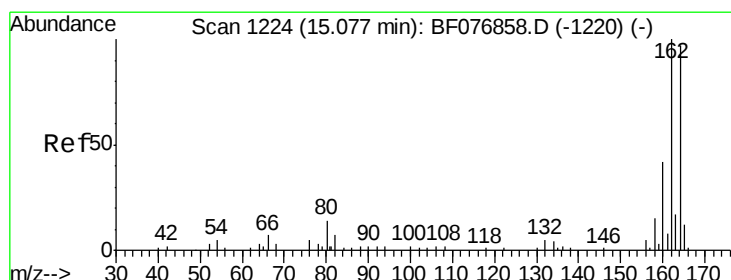
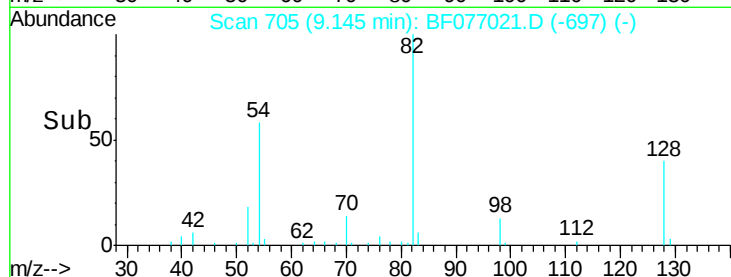
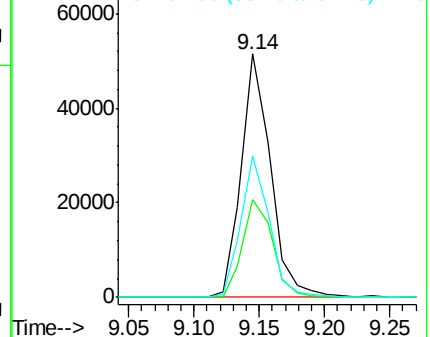
82 100

128 40.1 33.1 49.7

54 58.1 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

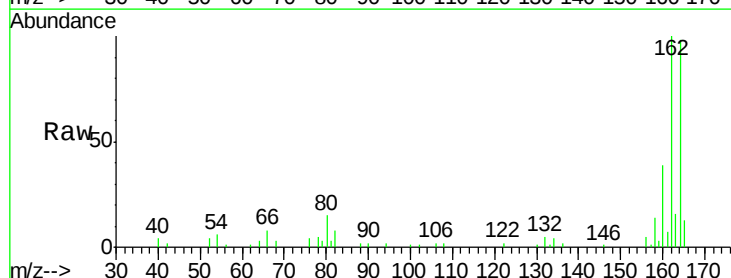
Tgt Ion:164 Resp: 51143

Ion Ratio Lower Upper

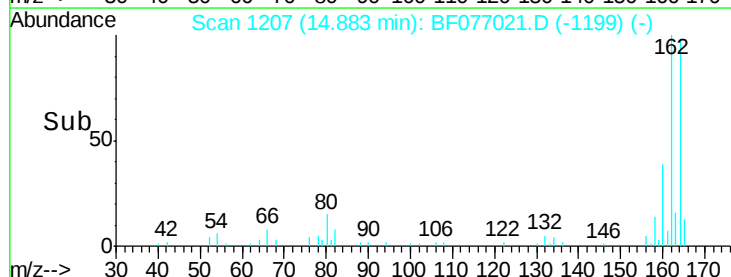
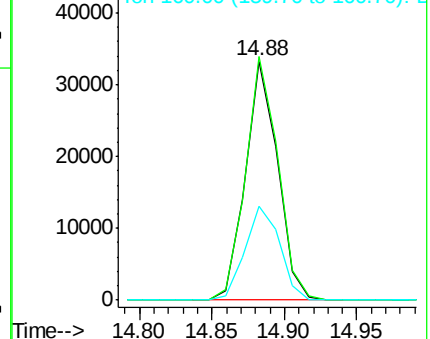
164 100

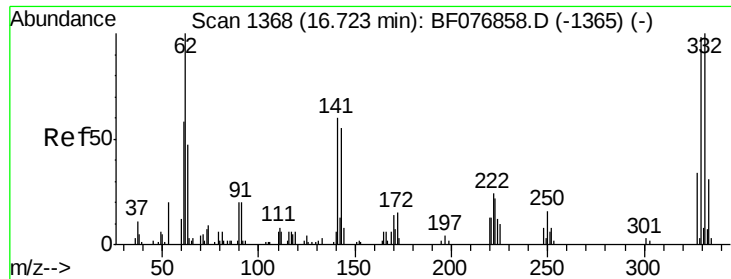
162 102.0 82.4 123.6

160 39.4 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 66.09 ng

RT: 16.59 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

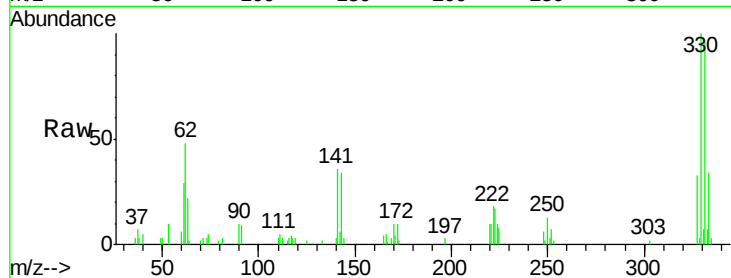
Tot Ion:330 Resp: 27436

Ion Ratio Lower Upper

330 100

332 94.2 77.8 116.6

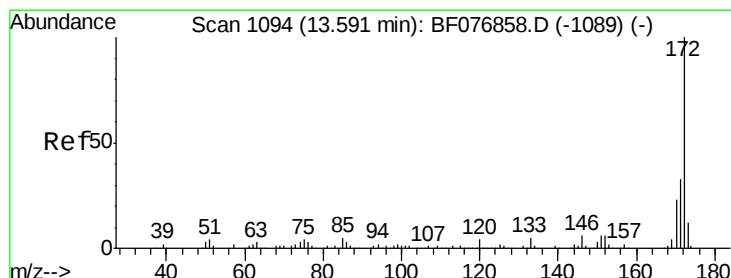
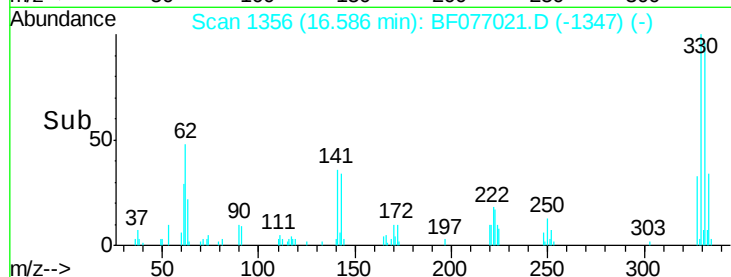
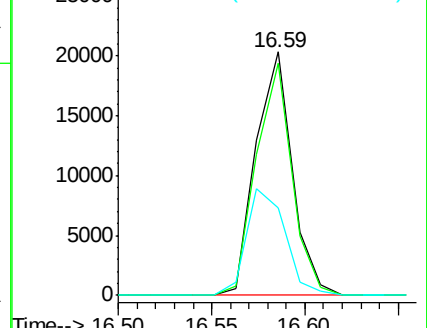
141 46.9 38.5 57.7



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: 47.22 ng

RT: 13.41 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

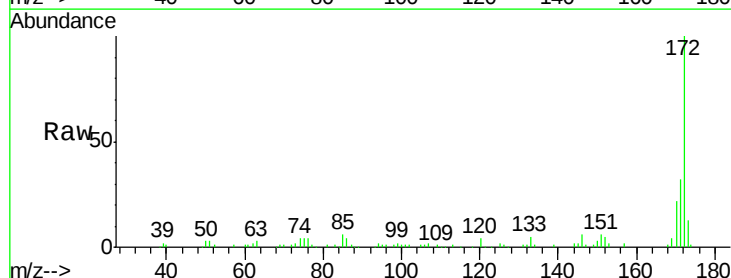
Tgt Ion:172 Resp: 158701

Ion Ratio Lower Upper

172 100

171 32.3 26.6 40.0

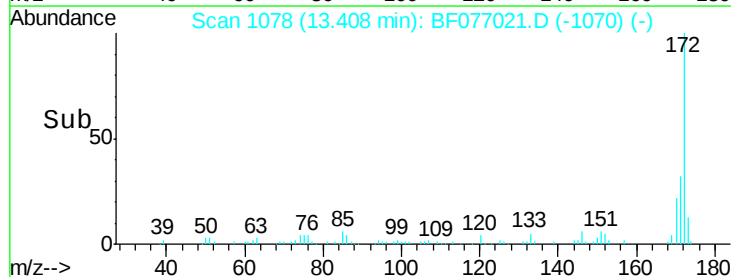
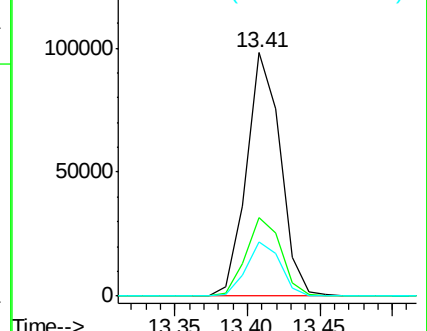
170 22.0 18.0 27.0

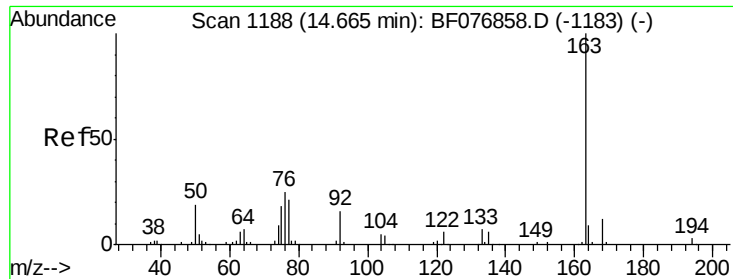


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.75 ng

RT: 14.48 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

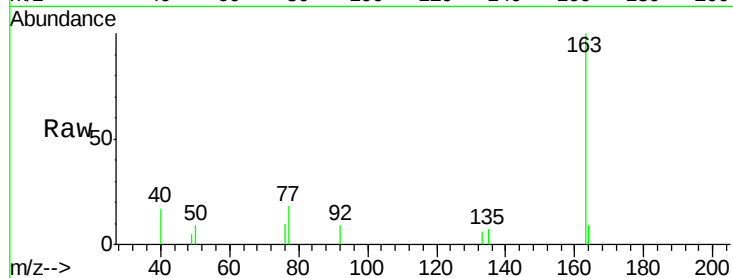
Tot Ion:163 Resp: 9992

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

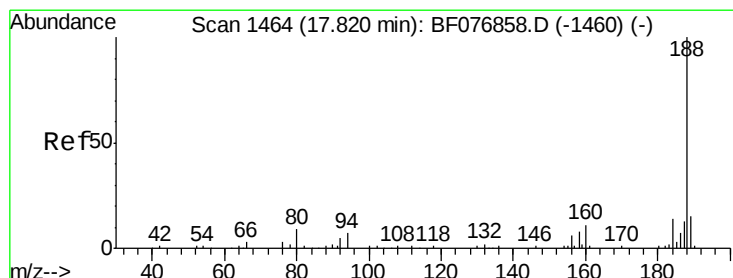
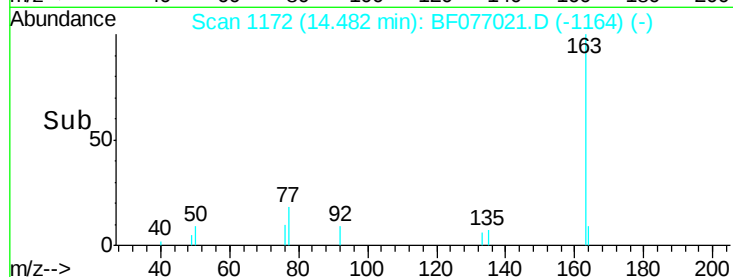
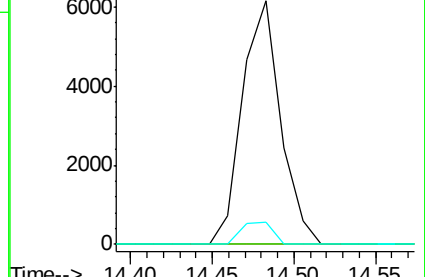
164 9.0 7.5 11.3



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: 17.68 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF077021.D

Acq: 22 Jan 2015 20:13

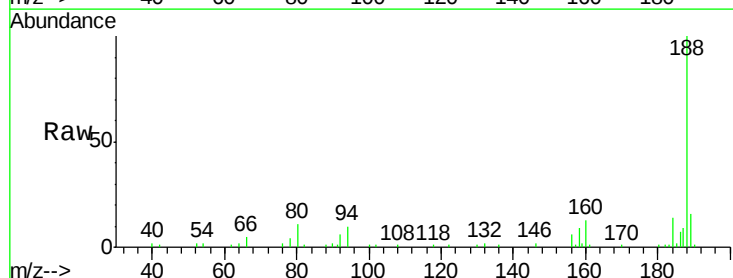
Tgt Ion:188 Resp: 85981

Ion Ratio Lower Upper

188 100

94 10.0 6.0 9.0#

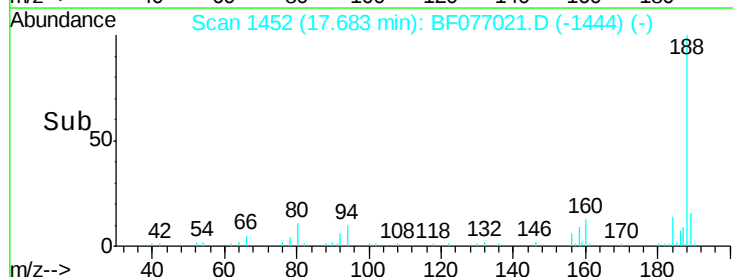
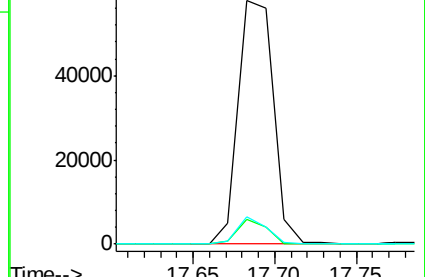
80 11.1 6.9 10.3#

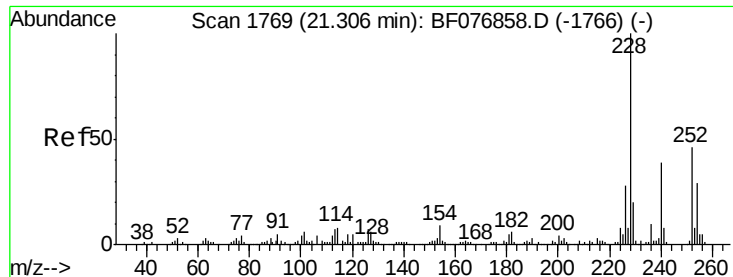


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

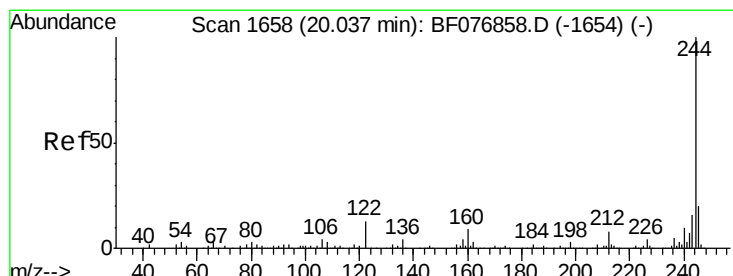
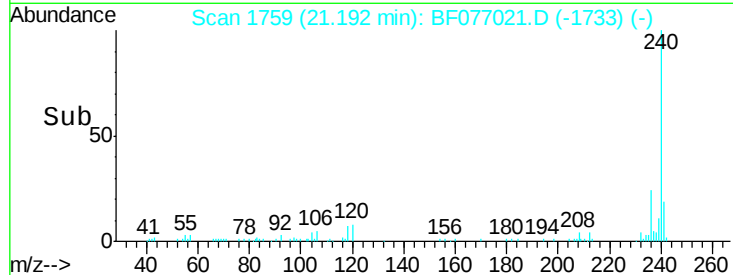
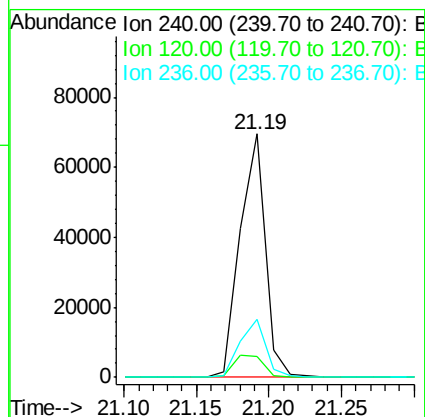
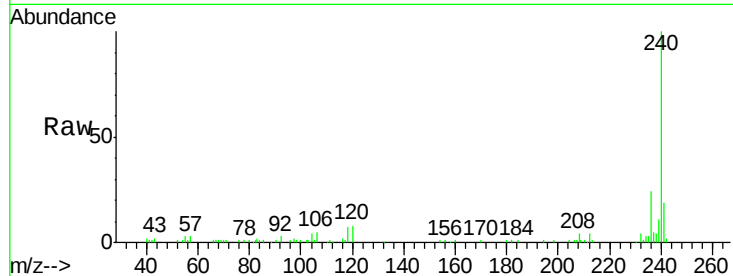




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077021.D
 Acq: 22 Jan 2015 20:13

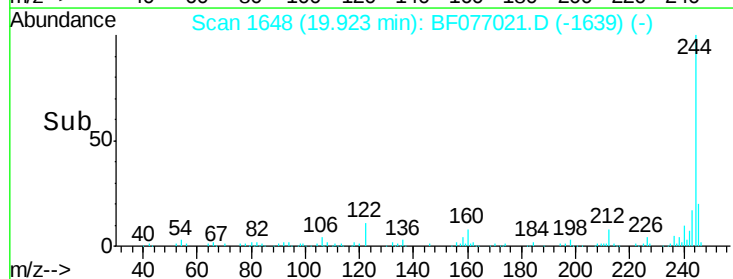
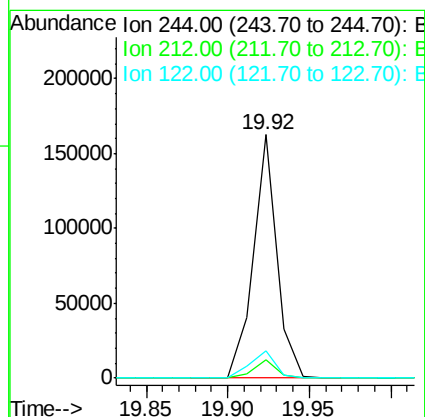
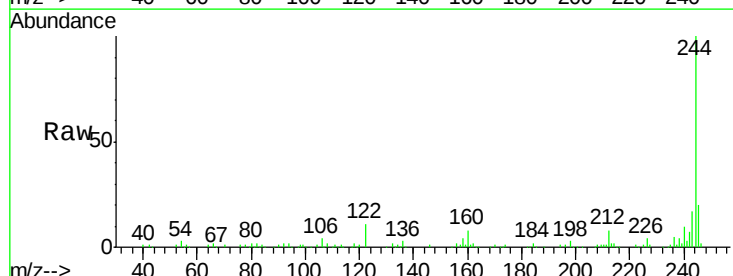
Instrument :
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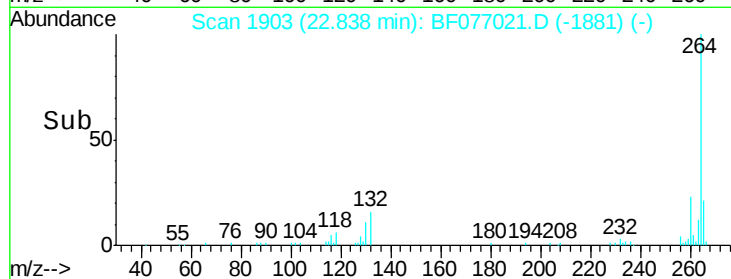
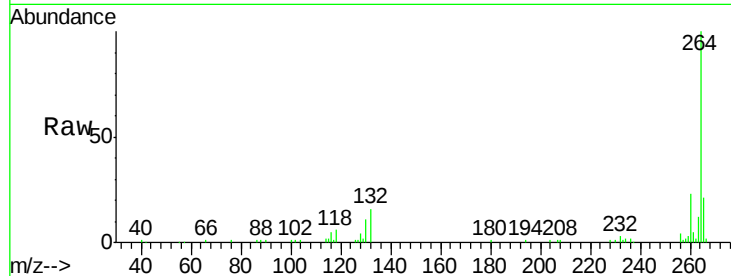
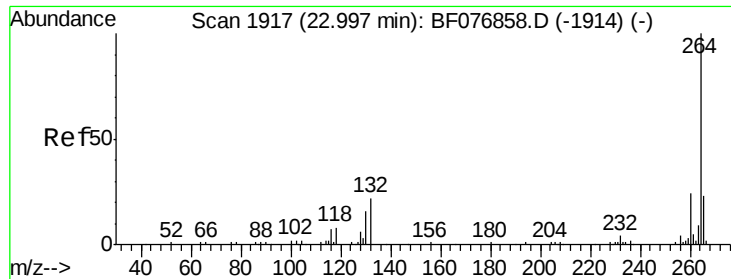
Tot Ion:240 Resp: 84231
 Ion Ratio Lower Upper
 240 100
 120 8.4 10.4 15.6#
 236 23.9 20.2 30.2



#78
 Terphenyl-d14
 Concen: 44.53 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF077021.D
 Acq: 22 Jan 2015 20:13

Tgt Ion:244 Resp: 162914
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 11.3 10.1 15.1





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.84 min Scan# 1903
 Delta R.T. -0.05 min
 Lab File: BF077021.D
 Acq: 22 Jan 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	20.9	18.1	27.1

