

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075738.D
 Acq On : 21 Nov 2014 6:33
 Operator : TP / JJ
 Sample : F4761-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WOODBE001-111314-001

Quant Time: Nov 21 07:29:30 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

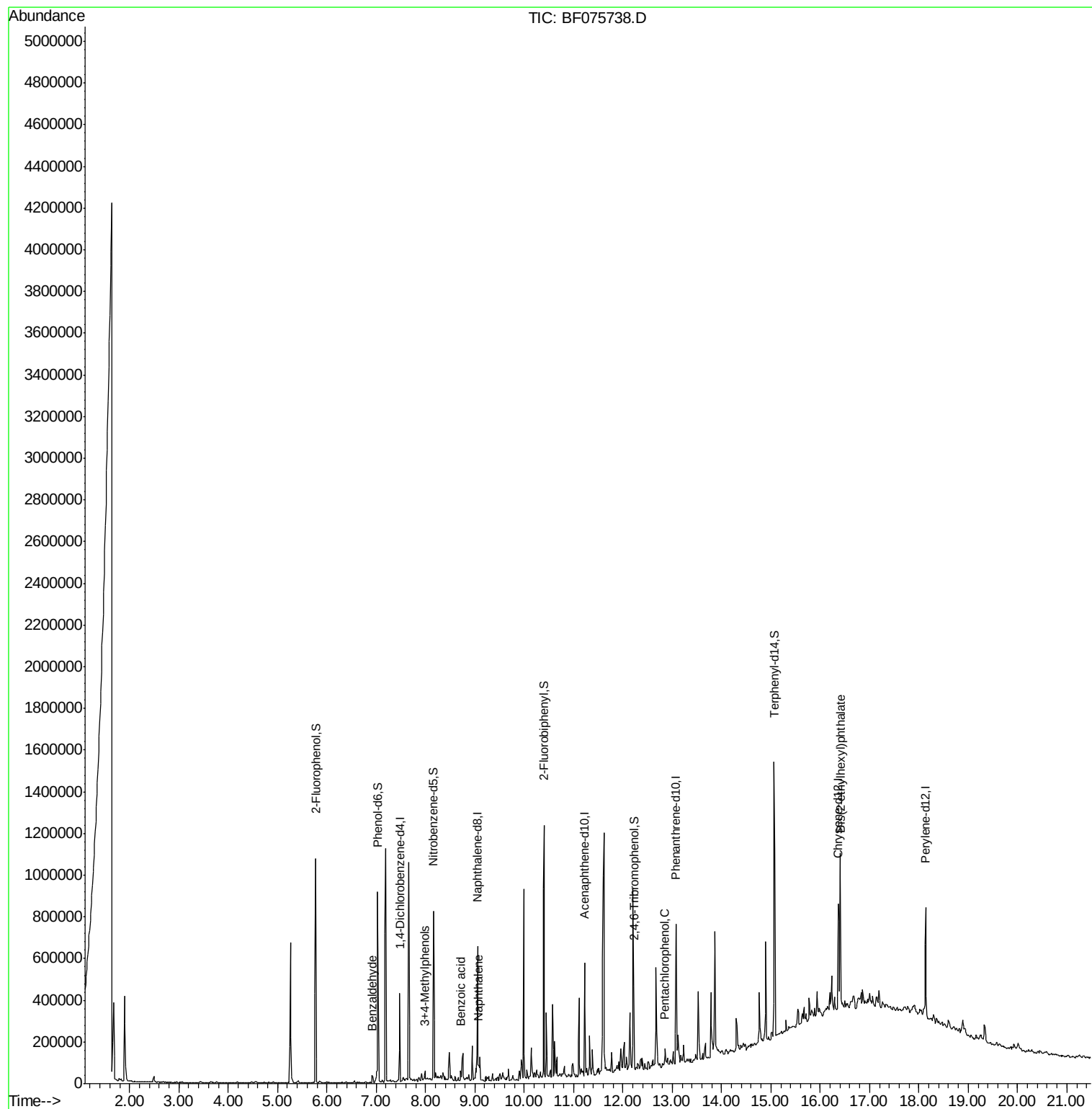
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	64104	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	281947	20.00	ng	-0.01
38) Acenaphthene-d10	11.23	164	138331	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	241430	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	252012	20.00	ng	-0.02
86) Perylene-d12	18.14	264	251033	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	337987	81.91	ng	-0.01
7) Phenol-d6	7.03	99	349295	69.61	ng	-0.01
23) Nitrobenzene-d5	8.16	82	259065	56.40	ng	-0.01
41) 2,4,6-Tribromophenol	12.22	330	113188	100.36	ng	-0.01
44) 2-Fluorobiphenyl	10.40	172	518239	58.65	ng	-0.01
78) Terphenyl-d14	15.07	244	566640	56.24	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.92	77	9929	2.57	ng	Qvalue 87
20) 3+4-Methylphenols	7.99	107	12944	2.56	ng	# 53
31) Naphthalene	9.08	128	29627	2.06	ng	98
32) Benzoic acid	8.71	122	8601	3.48	ng	# 77
69) Pentachlorophenol	12.84	266	514	5.12	ng	# 85
76) Benzidine	14.76	184	638	Below Cal		# 1
83) Bis(2-ethylhexyl)phthalate	16.41	149	277521	28.02	ng	97

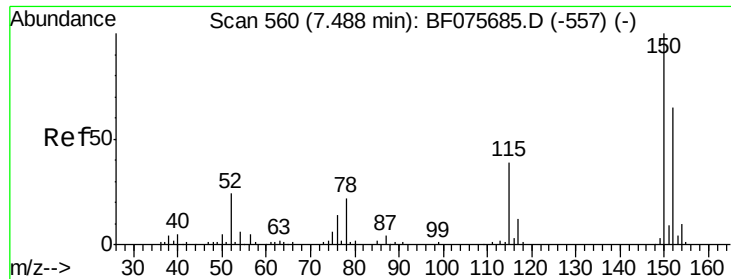
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075738.D

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ClientSampleId :

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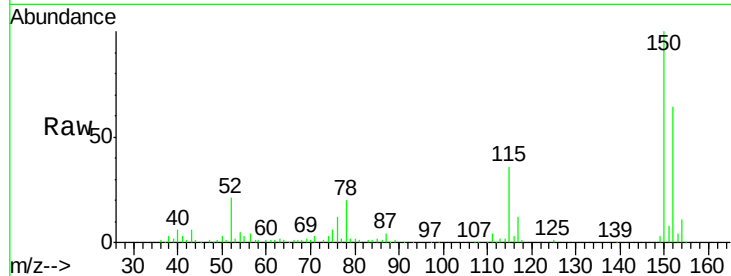
Tgt Ion:152 Resp: 64104

Ion Ratio Lower Upper

152 100

150 155.1 127.2 190.8

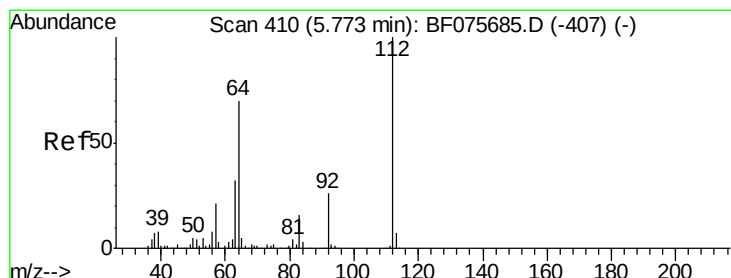
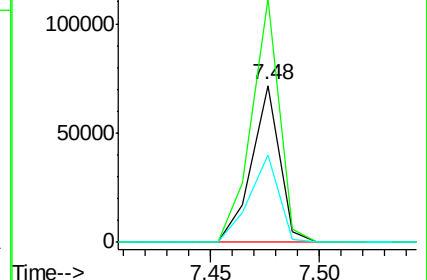
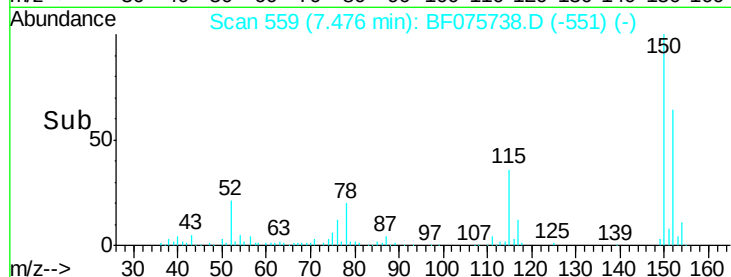
115 55.9 57.1 85.7#



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: 81.91 ng

RT: 5.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

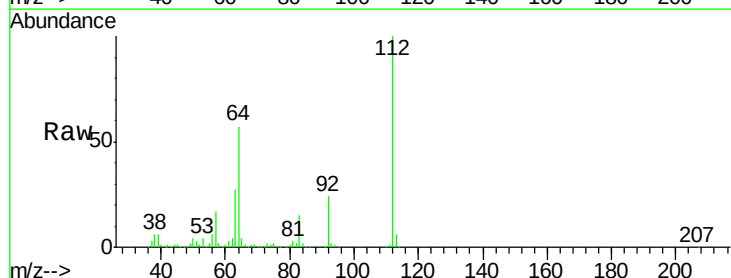
Tgt Ion:112 Resp: 337987

Ion Ratio Lower Upper

112 100

64 57.3 45.8 68.6

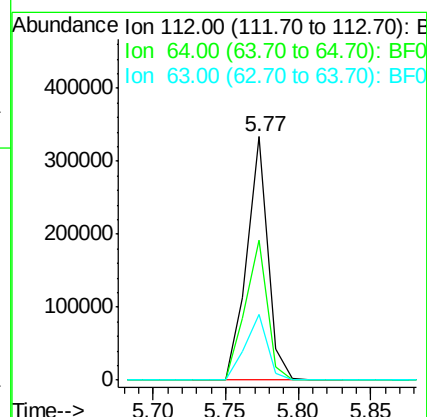
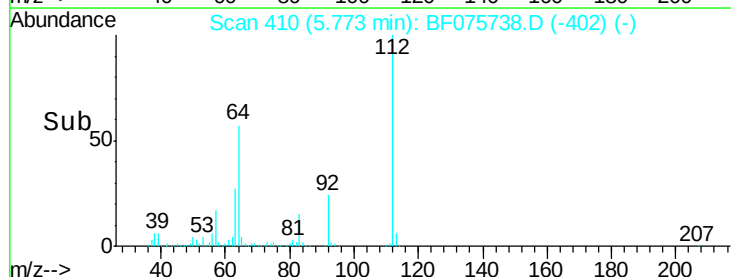
63 26.7 22.7 34.1

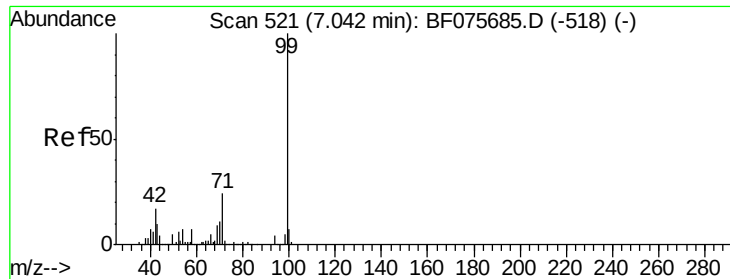


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.61 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

Instrument :

BNA_F

ClientSampleId :

P001-WOODBE001-111314-001

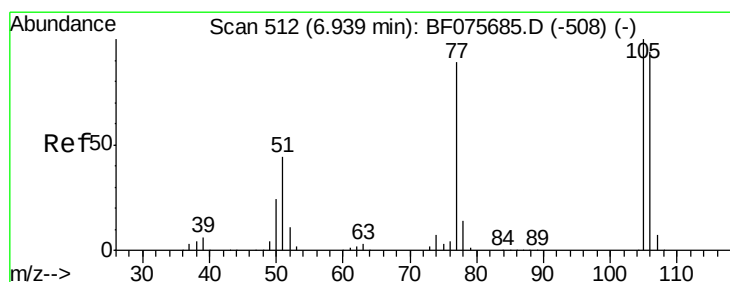
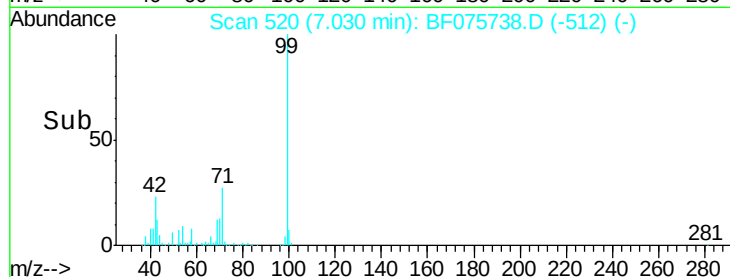
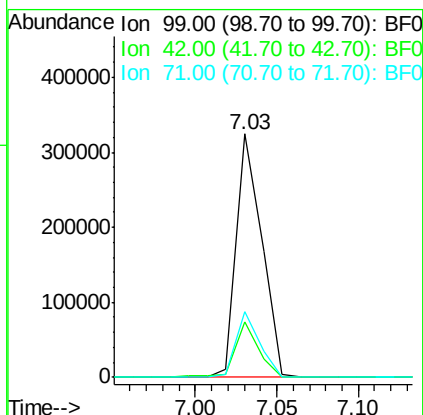
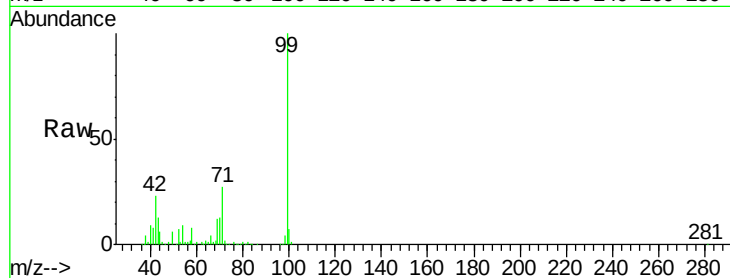
Tgt Ion: 99 Resp: 349295

Ion Ratio Lower Upper

99 100

42 22.6 19.8 29.6

71 27.0 25.5 38.3



#9

Benzaldehyde

Concen: 2.57 ng

RT: 6.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

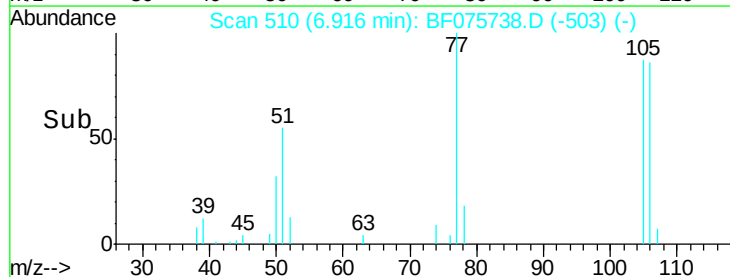
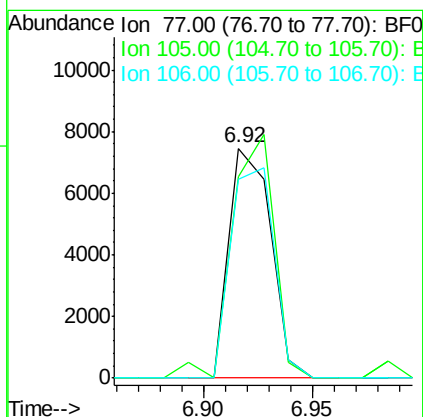
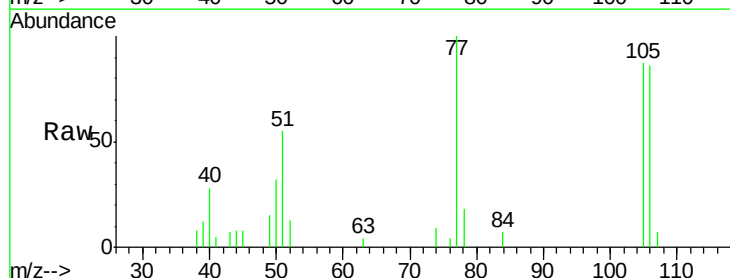
Tgt Ion: 77 Resp: 9929

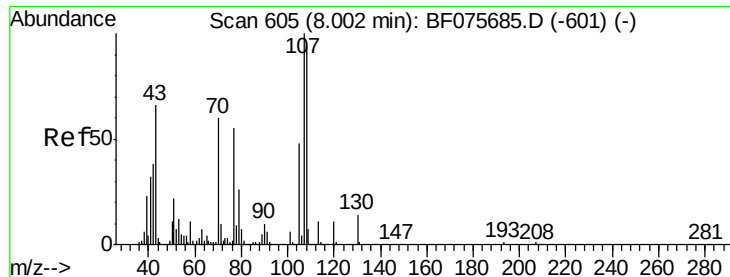
Ion Ratio Lower Upper

77 100

105 87.4 81.6 121.6

106 86.4 77.5 117.5

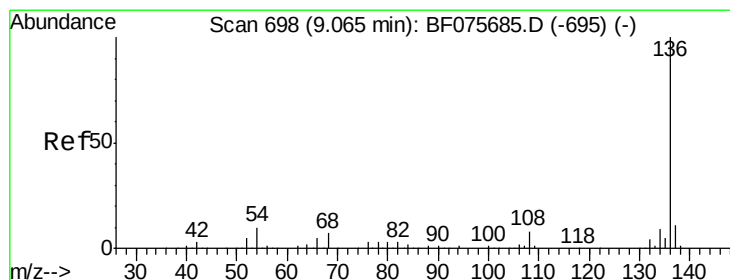
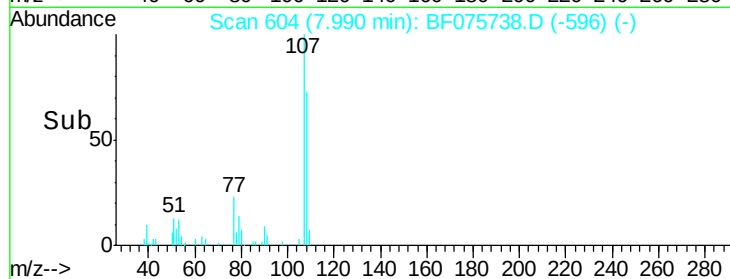
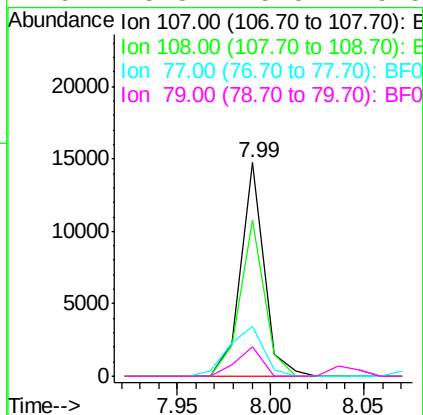
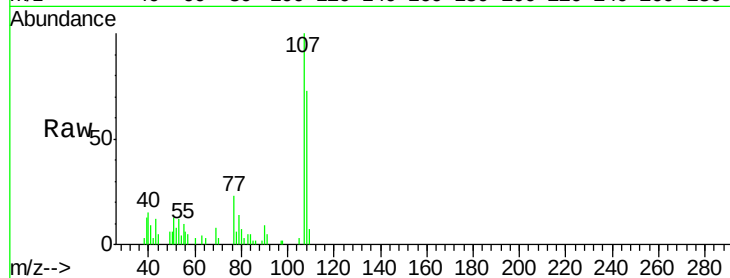




#20
3+4-Methylphenols
Concen: 2.56 ng
RT: 7.99 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

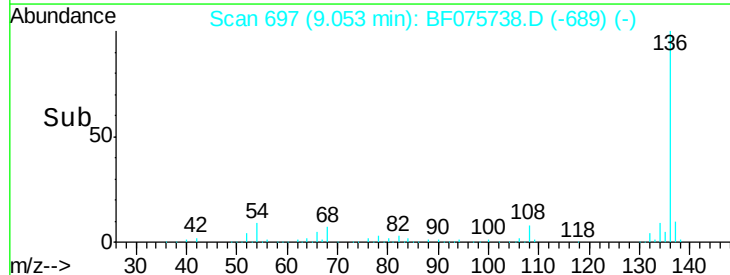
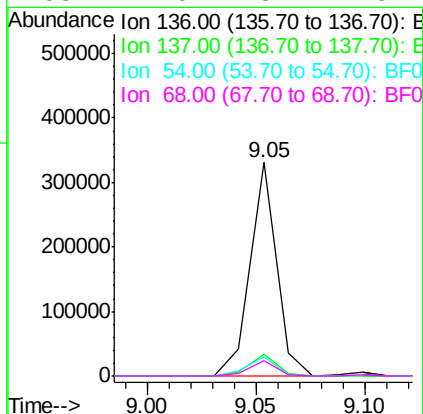
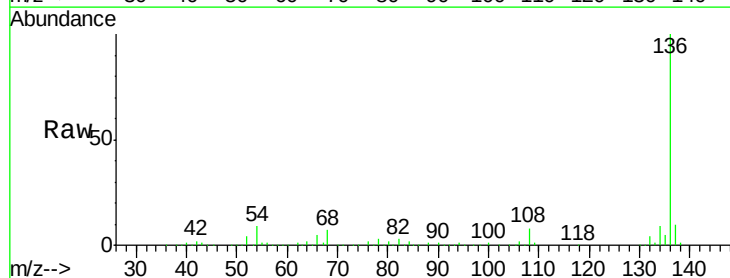
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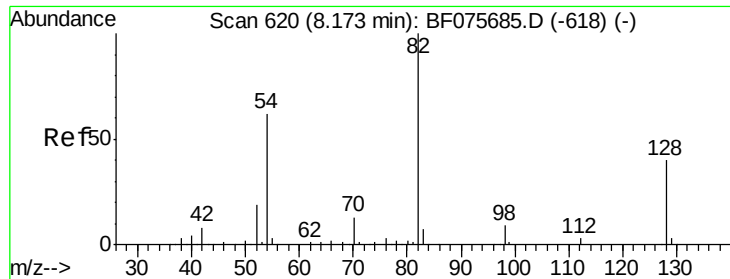
Tgt Ion:	107	Resp:	12944
Ion	Ratio	Lower	Upper
107	100		
108	73.1	69.6	109.6
77	23.4	84.4	124.4#
79	13.8	5.5	45.5



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:	136	Resp:	281947
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	9.1	6.2	9.4
68	7.0	3.4	5.2#

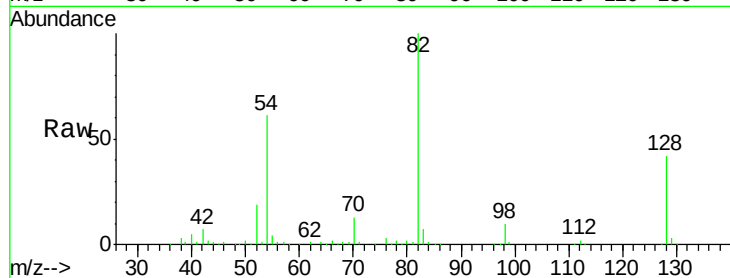




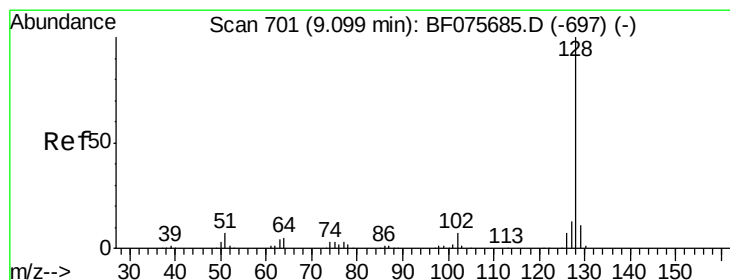
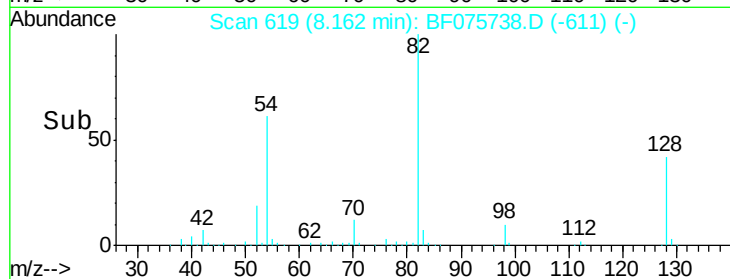
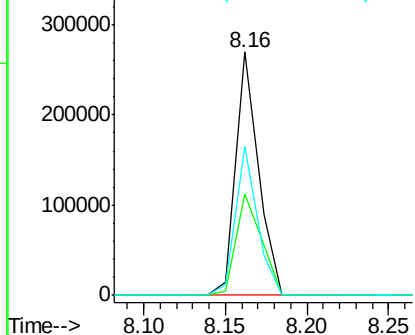
#23
 Nitrobenzene-d5
 Concen: 56.40 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075738.D
 Acq: 21 Nov 2014 6:33

Instrument :
 BNA_F
 ClientSampleId :
 P001-WOODBE001-111314-001

Tgt Ion: 82 Resp: 259065
 Ion Ratio Lower Upper
 82 100
 128 41.7 37.8 56.6
 54 61.4 49.8 74.8

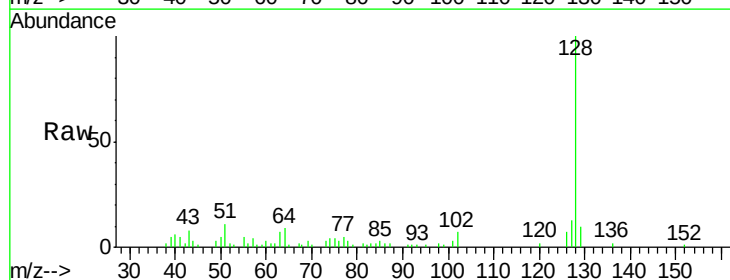


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

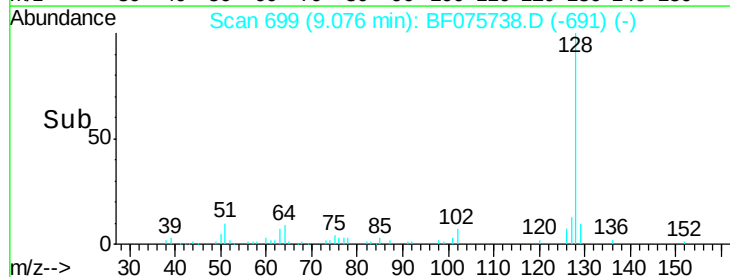
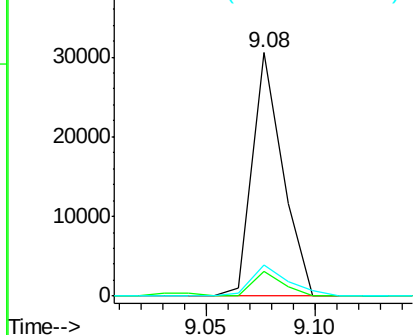


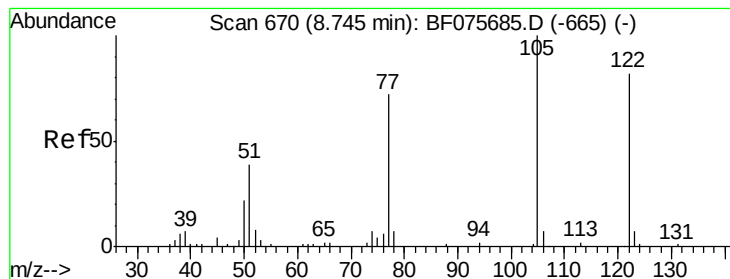
#31
 Naphthalene
 Concen: 2.06 ng
 RT: 9.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF075738.D
 Acq: 21 Nov 2014 6:33

Tgt Ion: 128 Resp: 29627
 Ion Ratio Lower Upper
 128 100
 129 10.1 9.0 13.4
 127 13.0 10.2 15.4



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





#32

Benzoic acid

Concen: 3.48 ng

RT: 8.71 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

Instrument :

BNA_F

ClientSampleId :

P001-WOODBE001-111314-001

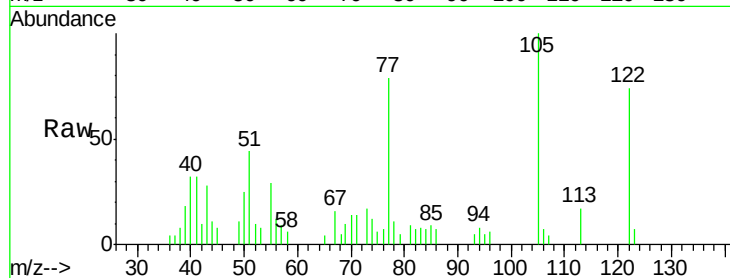
Tgt Ion:122 Resp: 8601

Ion Ratio Lower Upper

122 100

105 135.8 95.1 135.1#

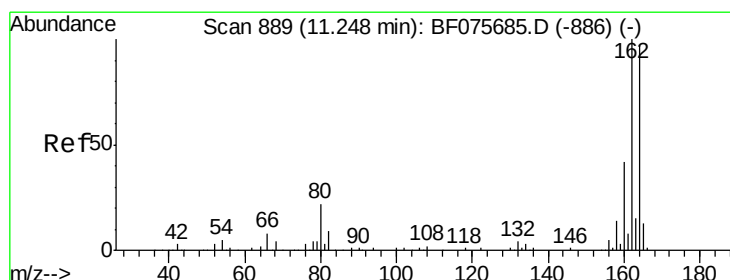
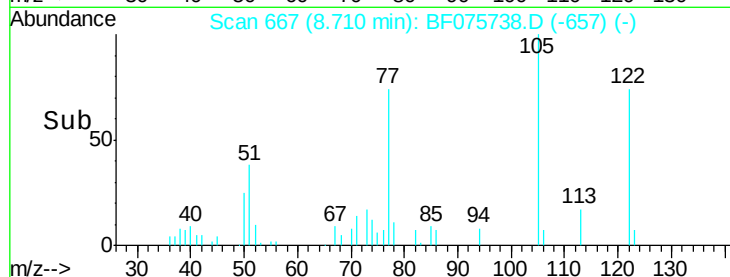
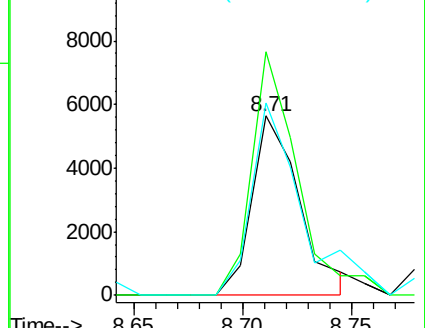
77 107.2 62.6 102.6#



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: 11.23 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

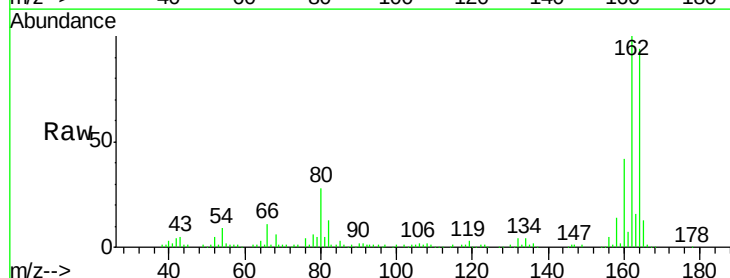
Tgt Ion:164 Resp: 138331

Ion Ratio Lower Upper

164 100

162 106.9 79.1 118.7

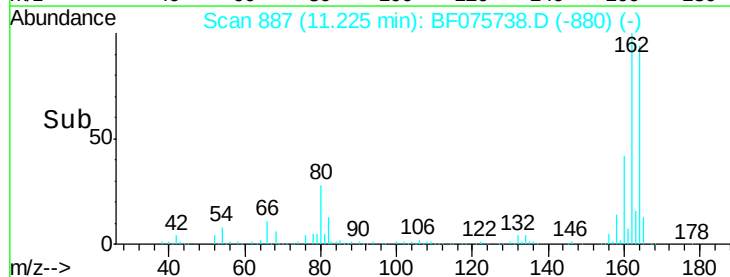
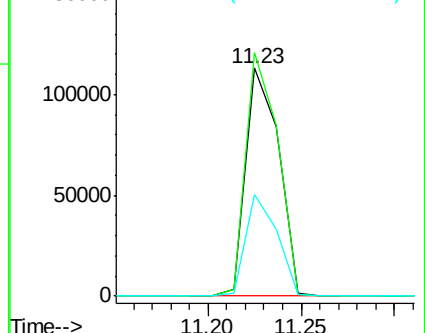
160 44.8 34.6 51.8

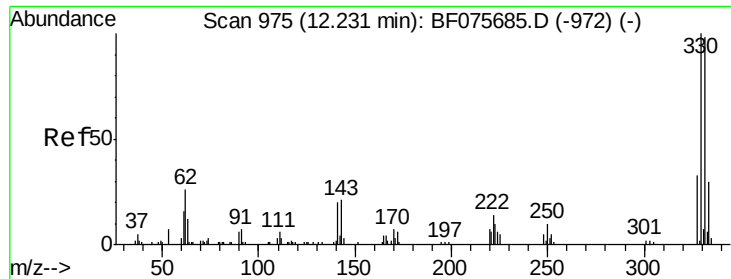


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

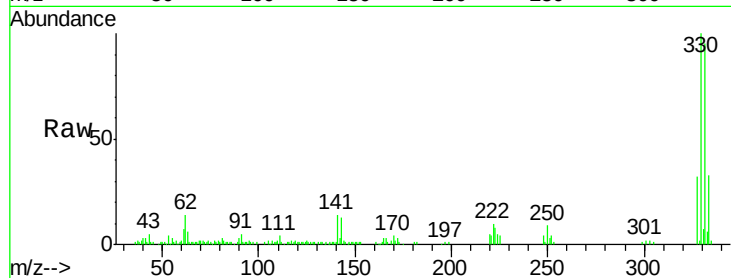




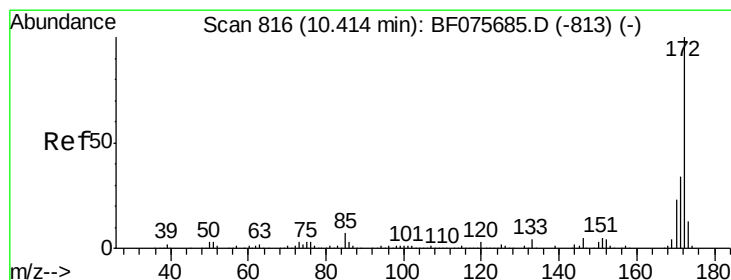
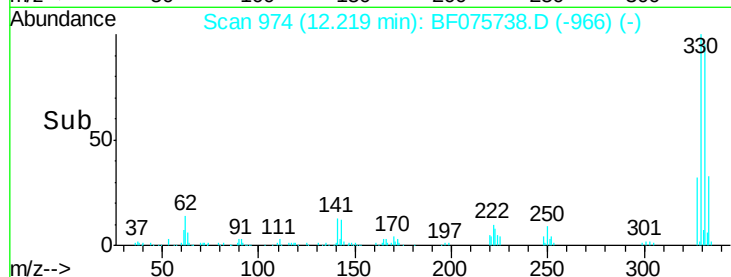
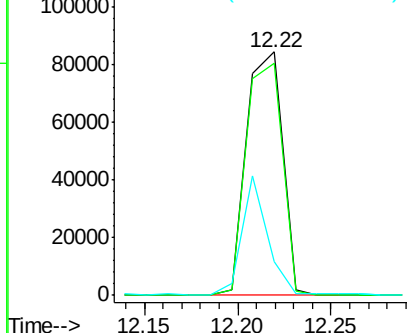
#41
 2,4,6-Tribromophenol
 Concen: 100.36 ng
 RT: 12.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF075738.D
 Acq: 21 Nov 2014 6:33

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Tgt Ion:330 Resp: 113188
 Ion Ratio Lower Upper
 330 100
 332 96.4 74.5 111.7
 141 34.5 30.7 46.1

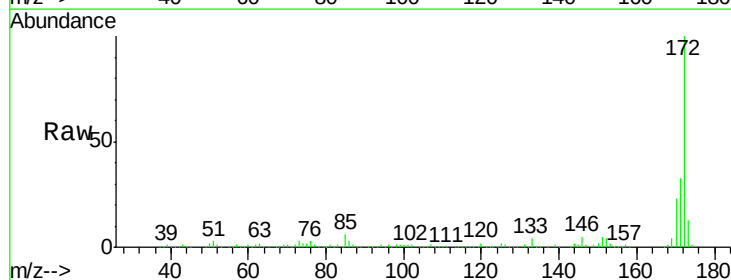


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

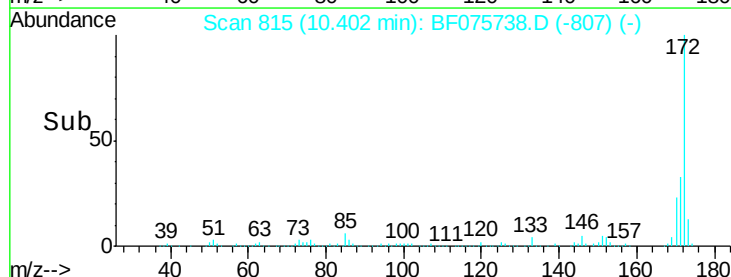
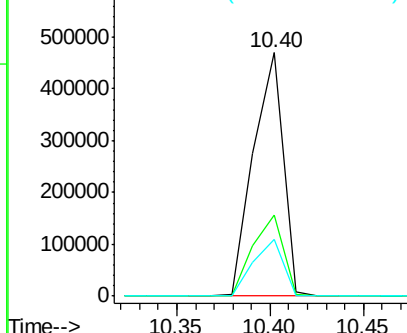


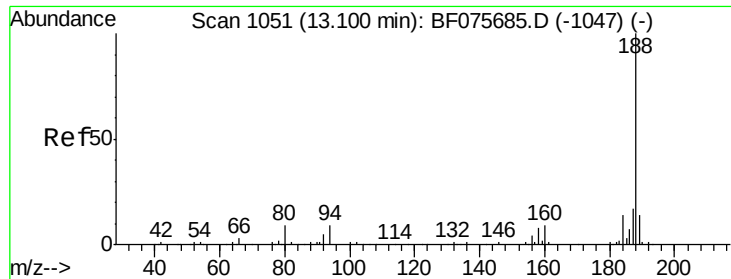
#44
 2-Fluorobiphenyl
 Concen: 58.65 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075738.D
 Acq: 21 Nov 2014 6:33

Tgt Ion:172 Resp: 518239
 Ion Ratio Lower Upper
 172 100
 171 33.3 27.3 40.9
 170 23.1 18.4 27.6



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

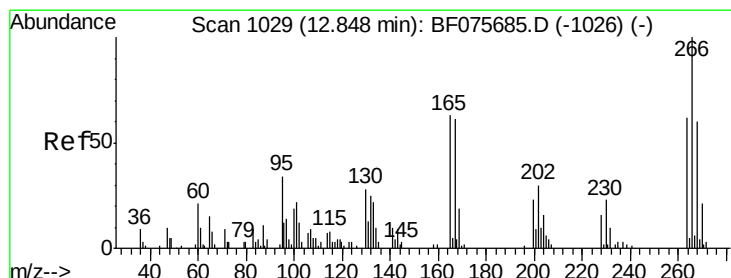
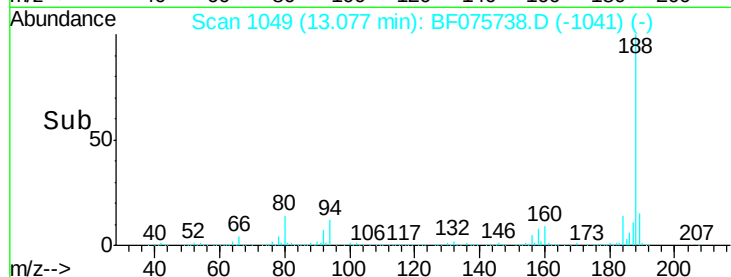
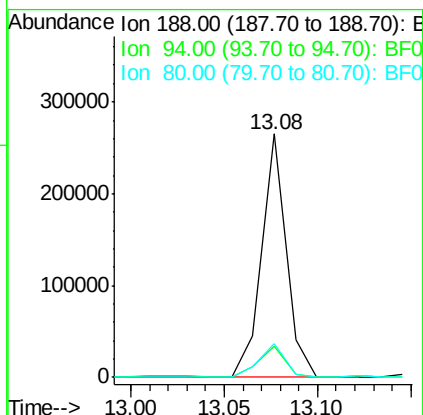
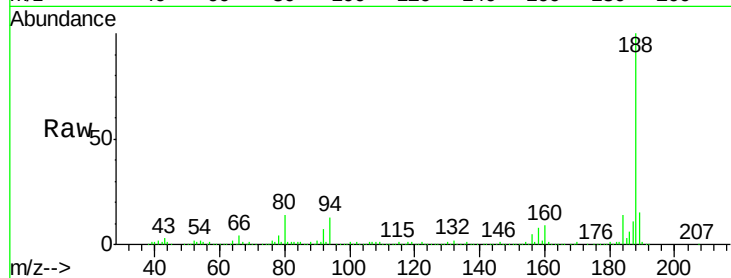




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

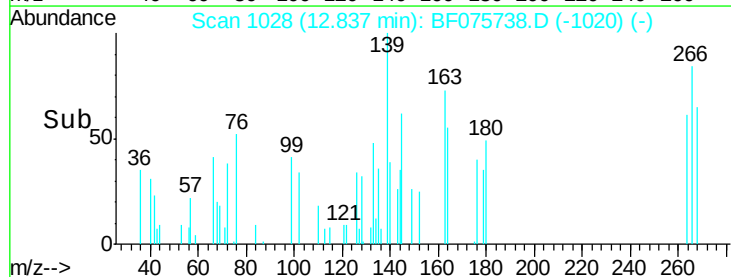
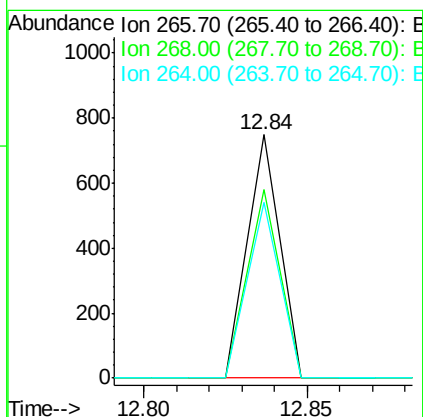
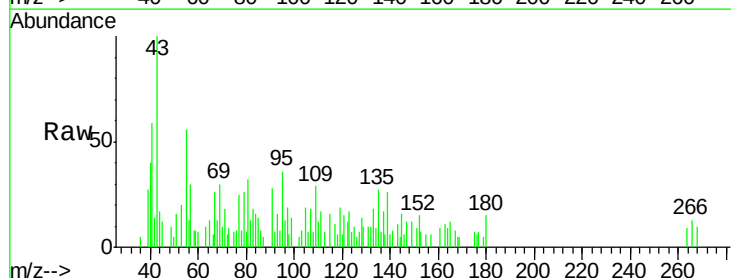
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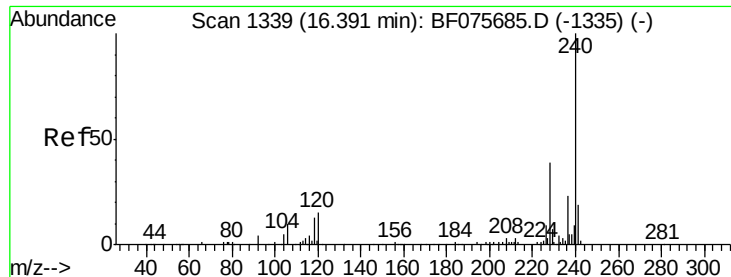
Tgt Ion:188 Resp: 241430
Ion Ratio Lower Upper
188 100
94 12.7 7.8 11.6#
80 13.8 8.0 12.0#



#69
Pentachlorophenol
Concen: 5.12 ng
RT: 12.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:266 Resp: 514
Ion Ratio Lower Upper
266 100
268 77.6 48.6 73.0#
264 72.5 52.1 78.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.37 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

Instrument :

BNA_F

ClientSampleId :

P001-WOODBE001-111314-001

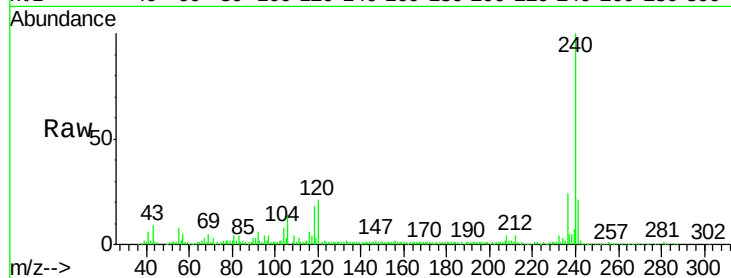
Tgt Ion:240 Resp: 252012

Ion Ratio Lower Upper

240 100

120 21.0 9.6 14.4#

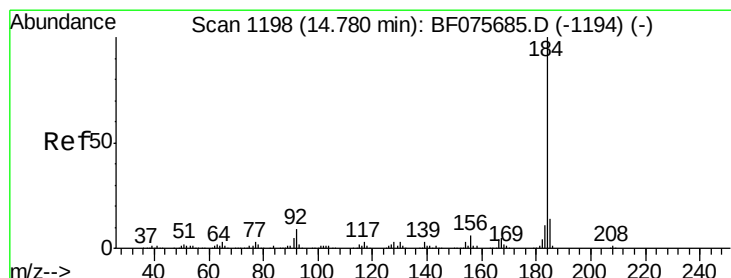
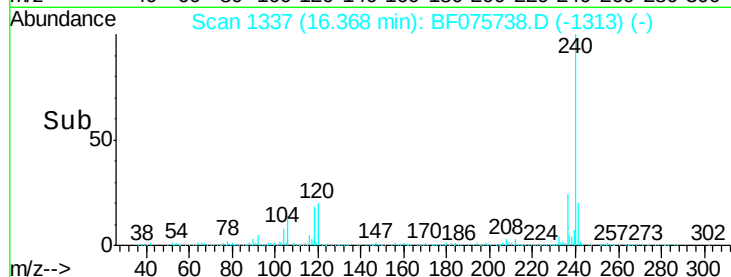
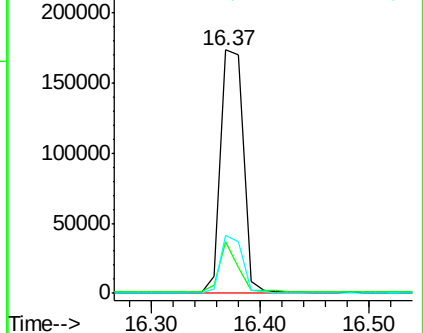
236 23.7 18.9 28.3



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



#76

Benzidine

Concen: Below Cal

RT: 14.76 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

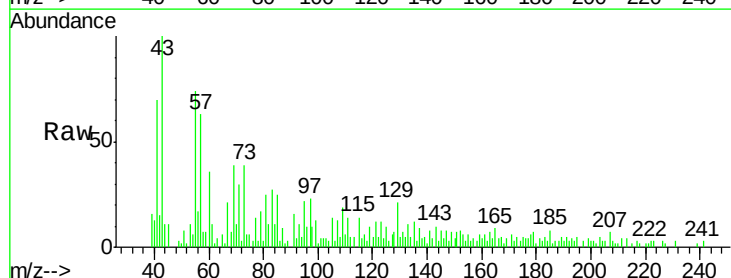
Tgt Ion:184 Resp: 638

Ion Ratio Lower Upper

184 100

185 269.3 10.9 16.3#

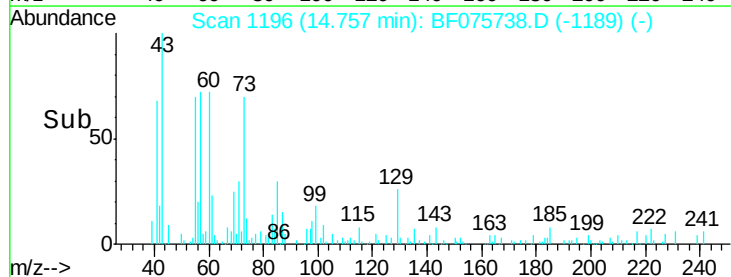
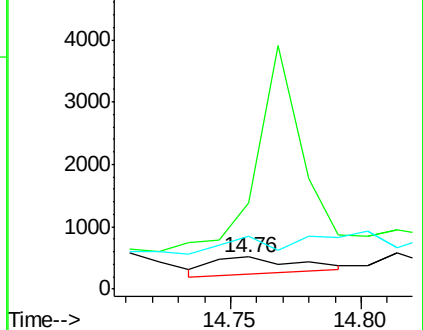
183 165.4 8.7 13.1#

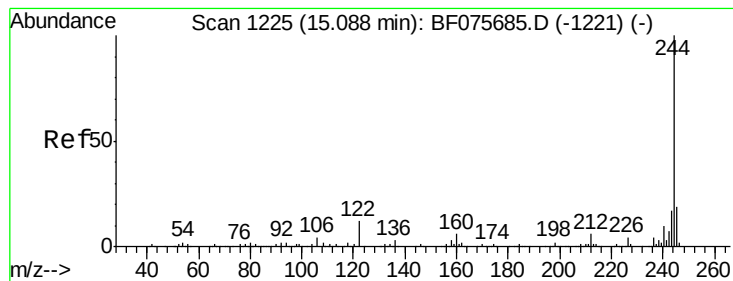


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 56.24 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

Instrument :

BNA_F

ClientSampleId :

P001-WOODBE001-111314-001

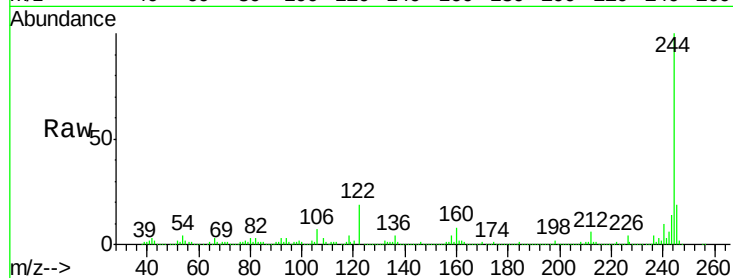
Tgt Ion: 244 Resp: 566640

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

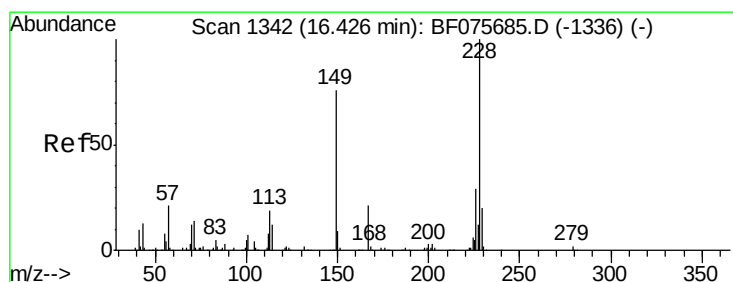
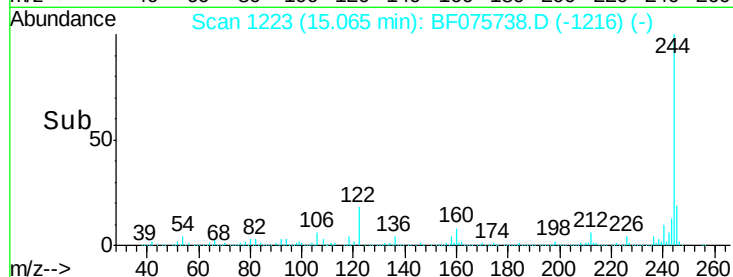
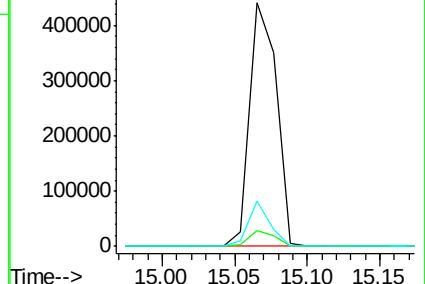
122 18.5 9.7 14.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 28.02 ng

RT: 16.41 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

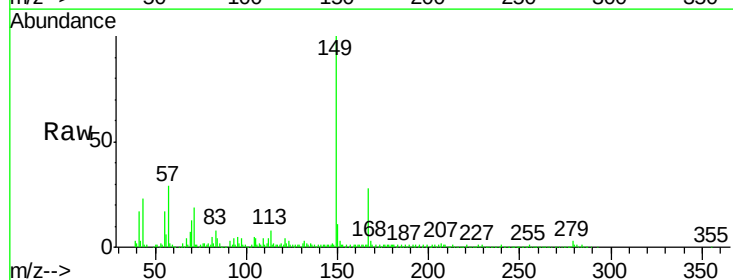
Tgt Ion: 149 Resp: 277521

Ion Ratio Lower Upper

149 100

167 28.4 21.4 32.2

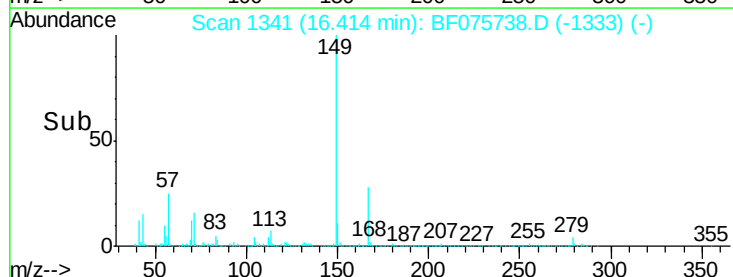
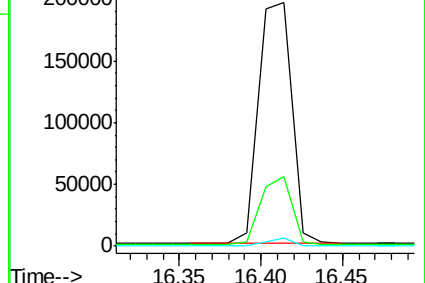
279 3.5 2.8 4.2

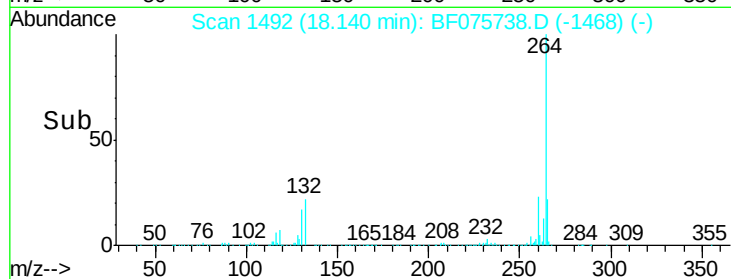
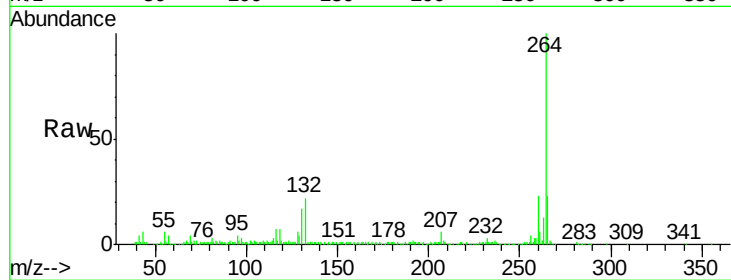
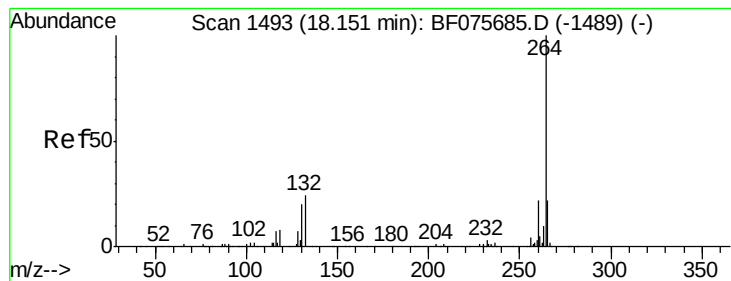


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.14 min Scan# 1492

Delta R.T. -0.02 min

Lab File: BF075738.D

Acq: 21 Nov 2014 6:33

Instrument :

BNA_F

ClientSampleId :

P001-WOODBE001-111314-001

Tgt Ion: 264 Resp: 251033

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 22.5 16.3 24.5

