

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078017.D
 Acq On : 27 Mar 2015 3:07
 Operator : TP/IZ
 Sample : G1653-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB20B

Quant Time: Mar 27 05:56:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:57:29 2015
 Response via : Initial Calibration

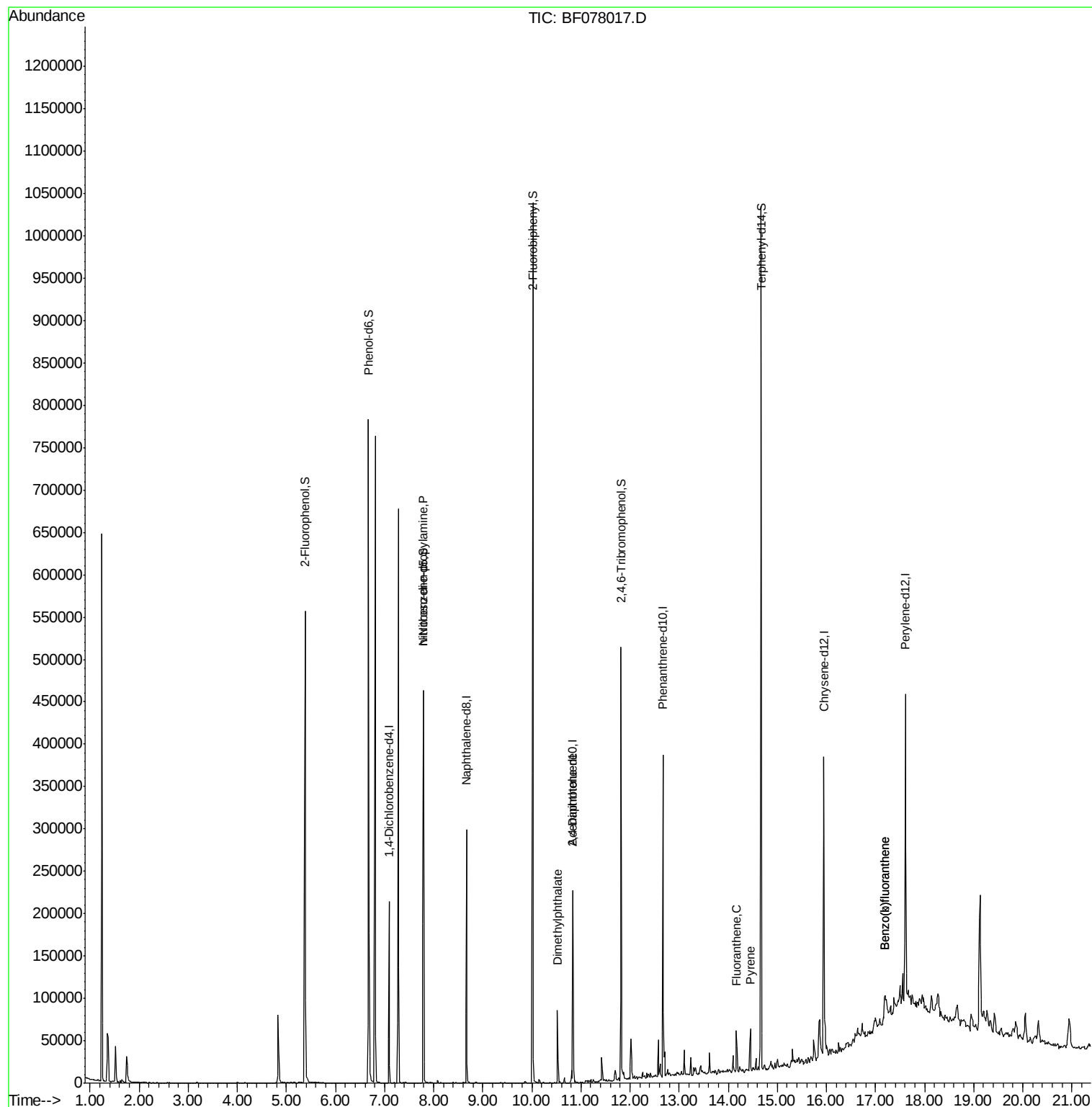
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	35195	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	144517	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	70597	20.00	ng	-0.01
63) Phenanthrene-d10	12.67	188	143153	20.00	ng	0.00
75) Chrysene-d12	15.95	240	156996	20.00	ng	0.00
86) Perylene-d12	17.61	264	158904	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	219154	108.69	ng	0.01
7) Phenol-d6	6.67	99	284989	114.40	ng	0.00
23) Nitrobenzene-d5	7.79	82	166049	75.32	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	61355	90.83	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	358817	74.69	ng	0.00
78) Terphenyl-d14	14.67	244	421780	65.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	20984	12.18	ng	# 78
49) Dimethylphthalate	10.52	163	39560	7.56	ng	98
56) 2,4-Dinitrotoluene	10.83	165	9115	6.44	ng	# 11
74) Fluoranthene	14.17	202	25042	2.76	ng	93
77) Pyrene	14.45	202	24427	2.47	ng	96
87) Benzo(b)fluoranthene	17.20	252	25872	2.49	ng	# 92
88) Benzo(k)fluoranthene	17.20	252	25872	3.19	ng	# 89

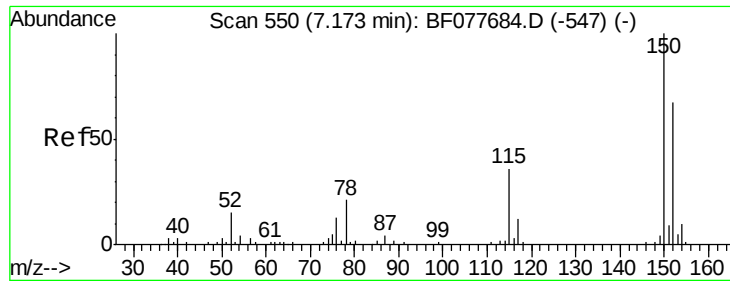
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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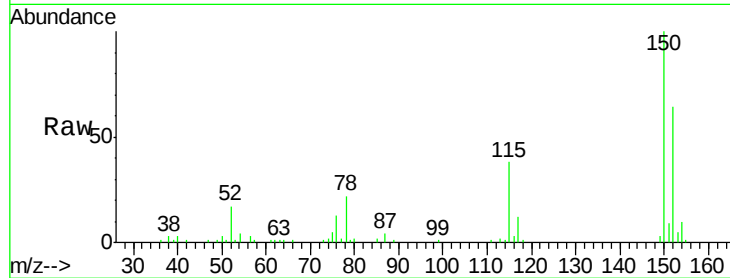




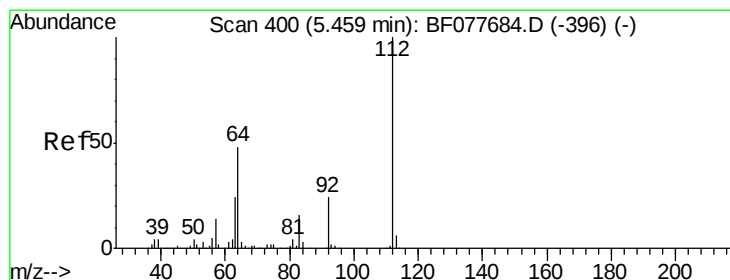
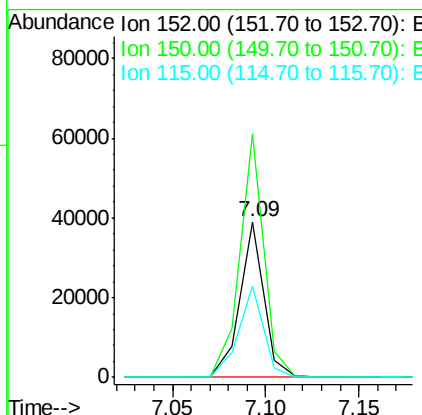
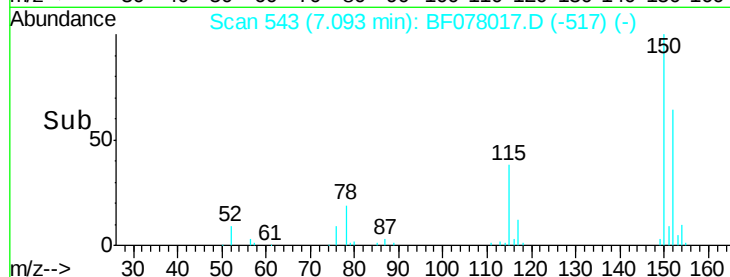
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SB20B

Tgt Ion:152 Resp: 35195
 Ion Ratio Lower Upper
 152 100
 150 156.2 119.5 179.3
 115 58.6 43.0 64.4

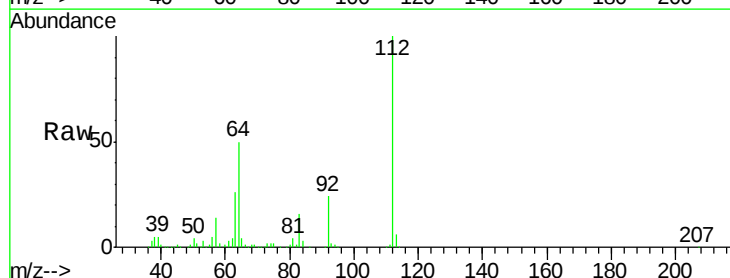


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

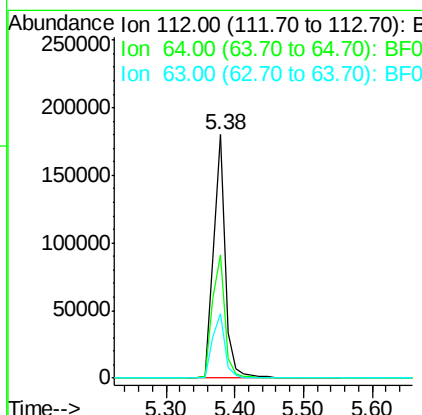
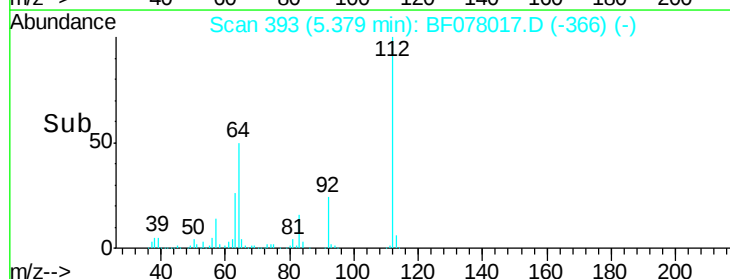


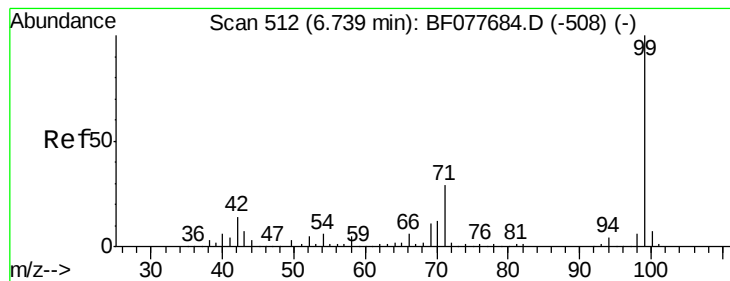
#5
 2-Fluorophenol
 Concen: 108.69 ng
 RT: 5.38 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

Tgt Ion:112 Resp: 219154
 Ion Ratio Lower Upper
 112 100
 64 50.5 38.6 57.8
 63 26.4 19.3 28.9



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: 114.40 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078017.D

Acq: 27 Mar 2015 3:07

Instrument :

BNA_F

ClientSampleId :

SB20B

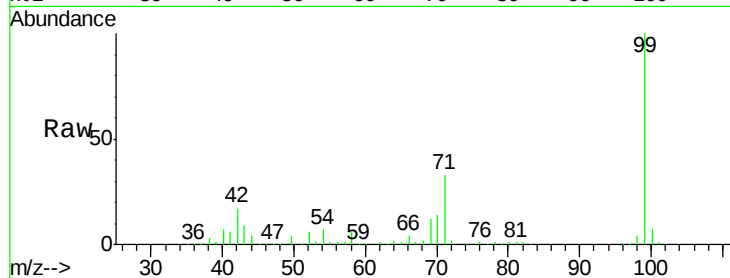
Tgt Ion: 99 Resp: 284989

Ion Ratio Lower Upper

99 100

42 17.2 11.0 16.4#

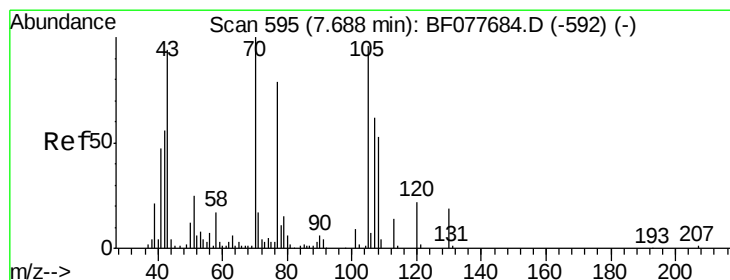
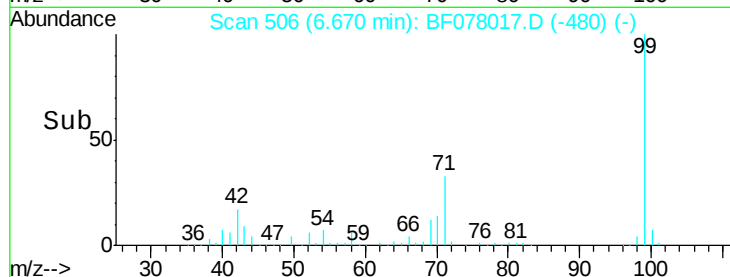
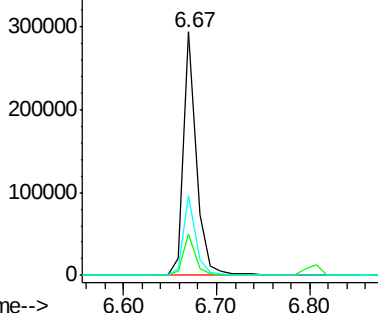
71 32.9 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.18 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF078017.D

Acq: 27 Mar 2015 3:07

Tgt Ion: 70 Resp: 20984

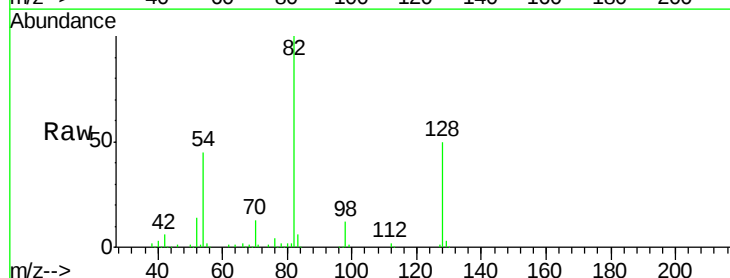
Ion Ratio Lower Upper

70 100

42 44.0 44.5 66.7#

101 0.0 7.4 11.2#

130 2.0 15.3 22.9#

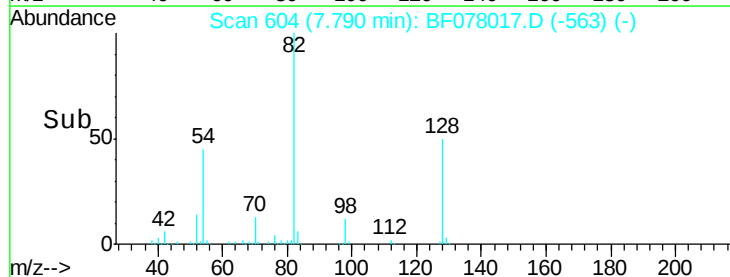
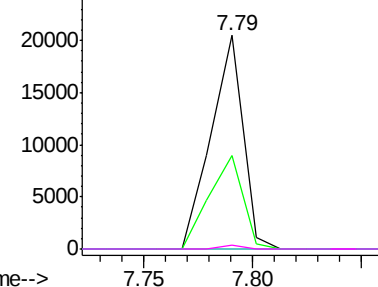


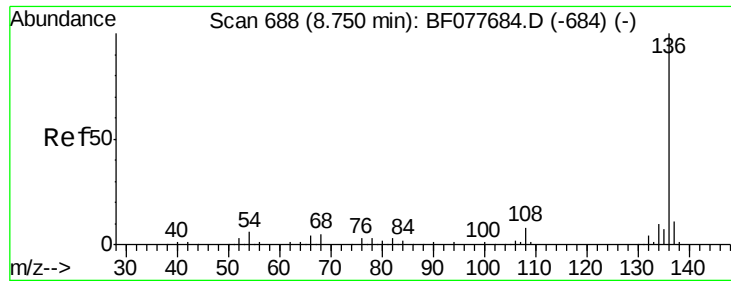
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

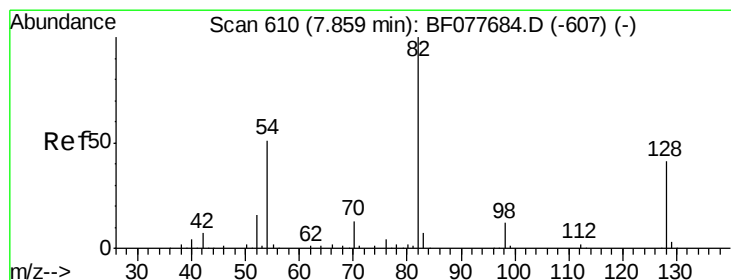
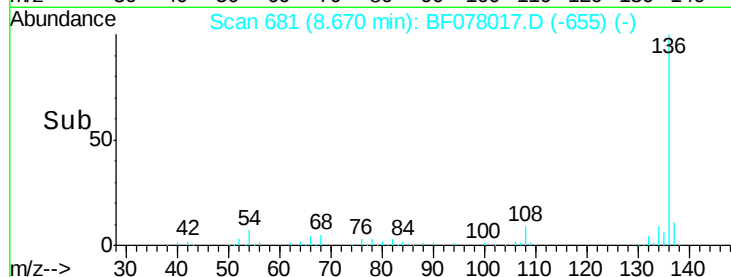
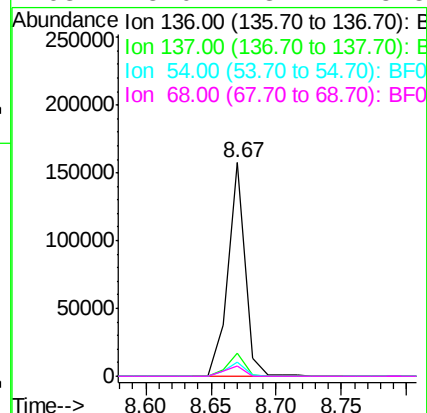
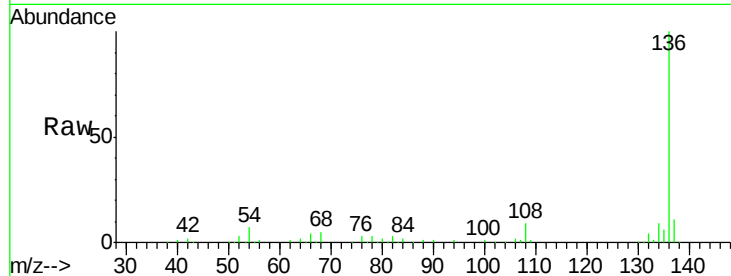




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078017.D
Acq: 27 Mar 2015 3:07

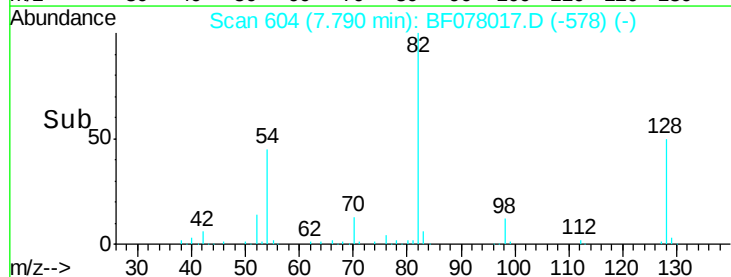
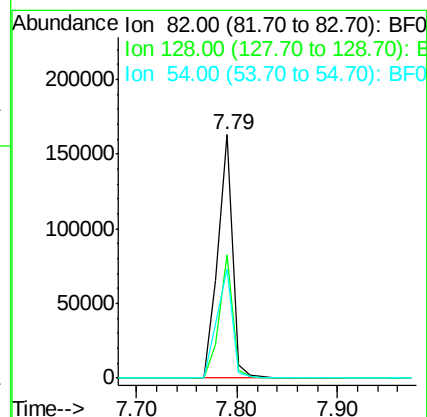
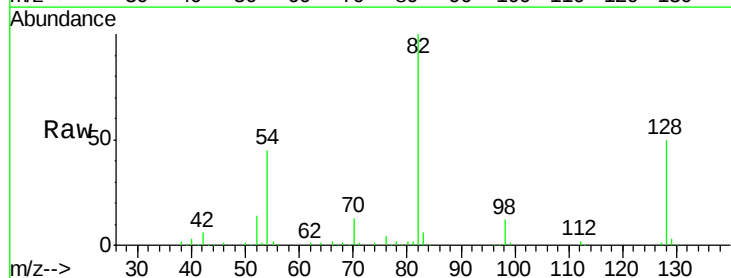
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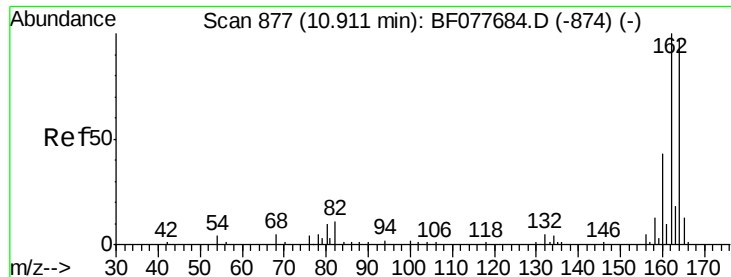
Tgt Ion:	136	Resp:	144517
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.6	4.6	6.8
68	5.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: 75.32 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF078017.D
Acq: 27 Mar 2015 3:07

Tgt Ion:	82	Resp:	166049
Ion	Ratio	Lower	Upper
82	100		
128	50.4	32.8	49.2#
54	44.7	40.6	60.8

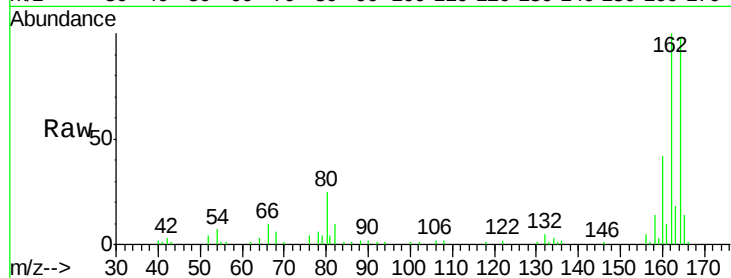




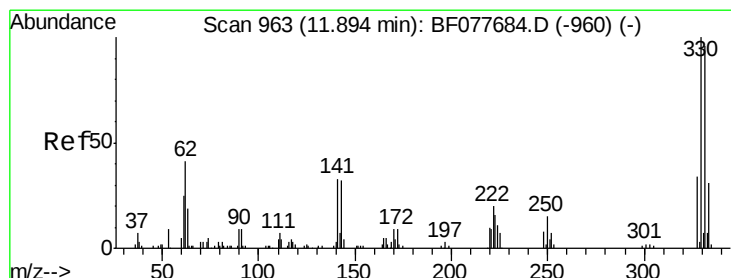
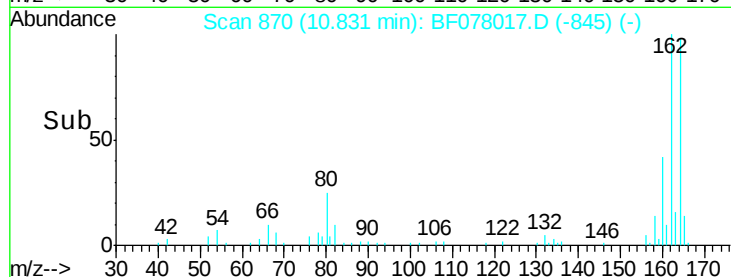
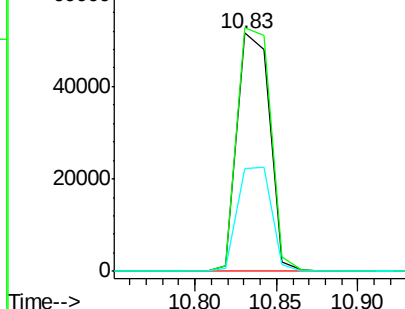
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF078017.D
Acq: 27 Mar 2015 3:07

Instrument :
BNA_F
ClientSampleId :
SB20B

Tgt Ion:164 Resp: 70597
Ion Ratio Lower Upper
164 100
162 102.3 82.4 123.6
160 43.0 35.8 53.6

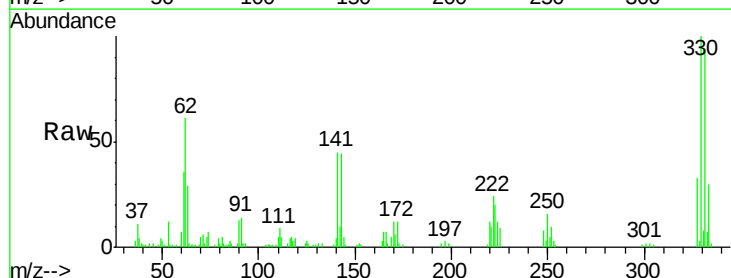


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

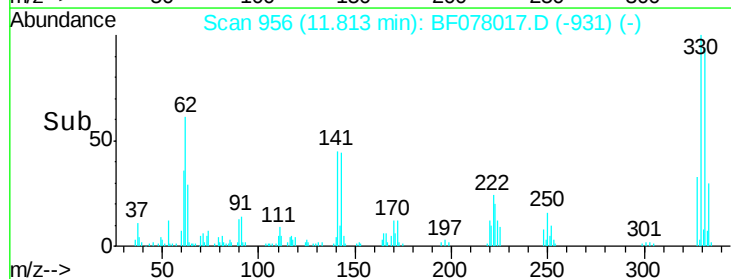
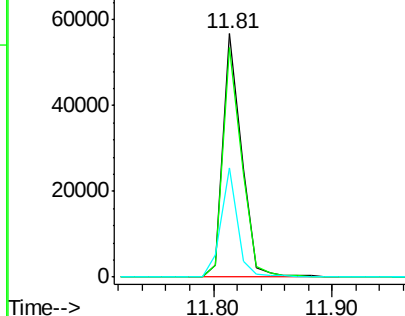


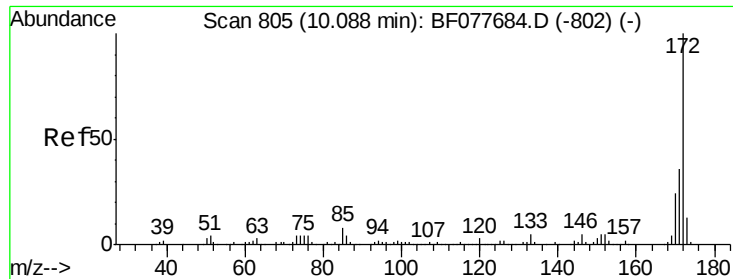
#41
2,4,6-Tribromophenol
Concen: 90.83 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF078017.D
Acq: 27 Mar 2015 3:07

Tgt Ion:330 Resp: 61355
Ion Ratio Lower Upper
330 100
332 94.3 0.0 0.0#
141 40.2 0.0 0.0#



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

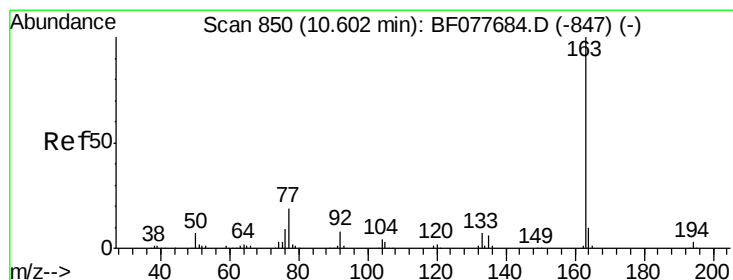
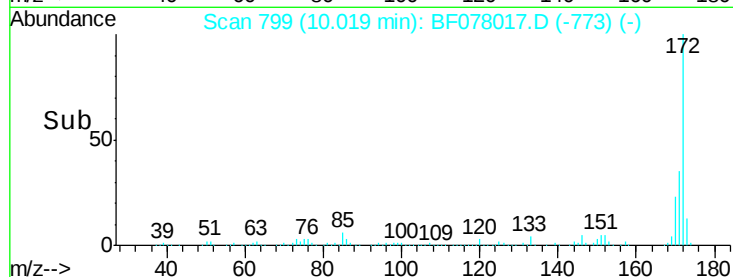
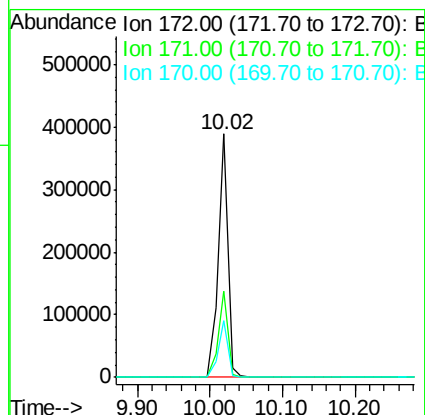
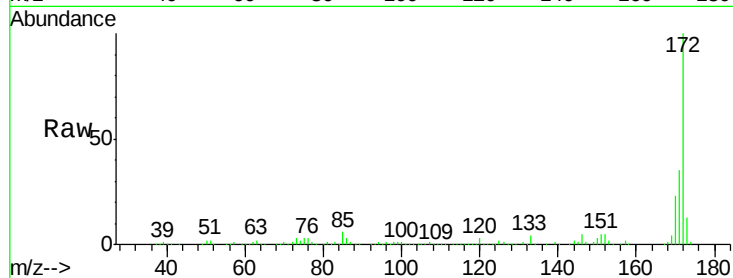




#44
 2-Fluorobiphenyl
 Concen: 74.69 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

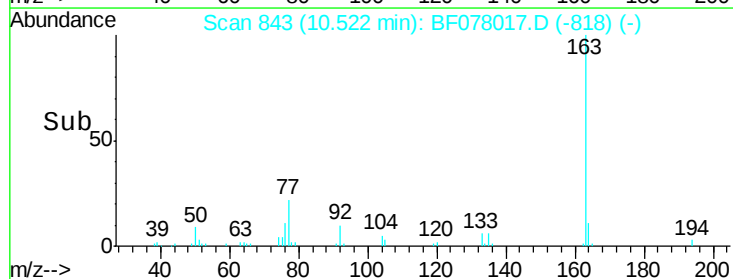
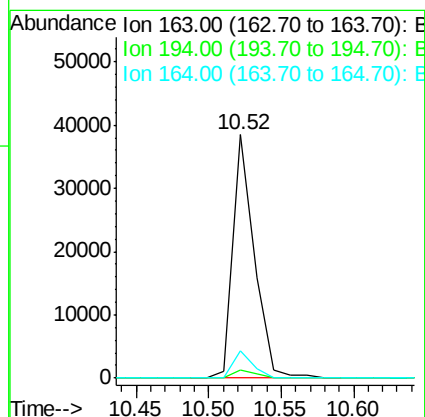
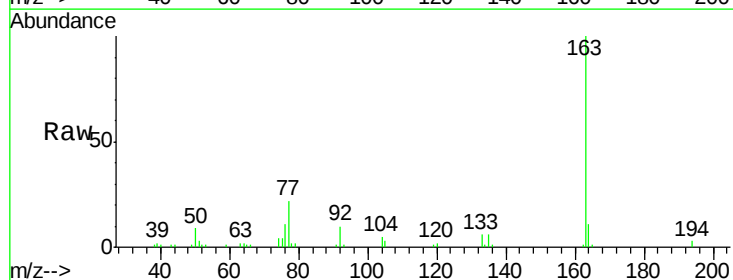
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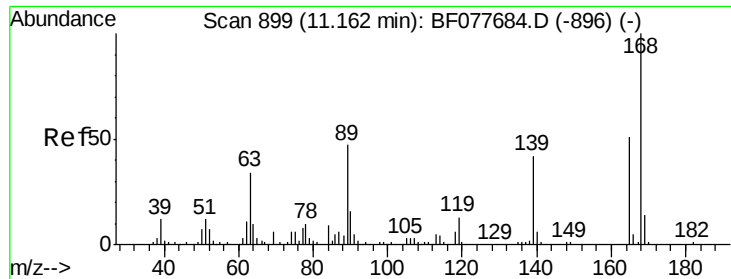
Tgt Ion:172 Resp: 358817
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 18.8 28.2



#49
 Dimethylphthalate
 Concen: 7.56 ng
 RT: 10.52 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

Tgt Ion:163 Resp: 39560
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 11.0 8.2 12.2

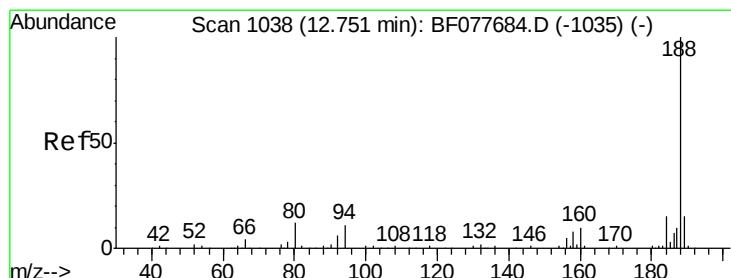
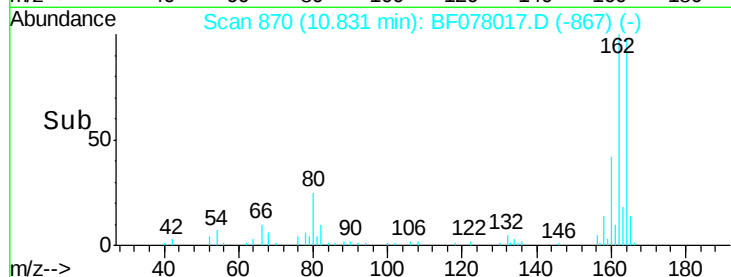
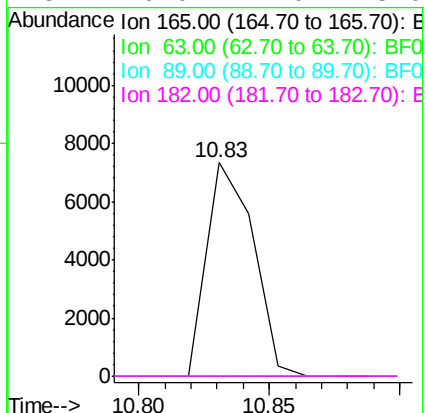
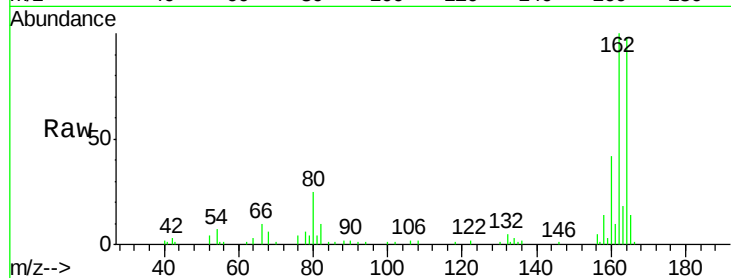




#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 10.83 min Scan# 870
 Delta R.T. -0.26 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

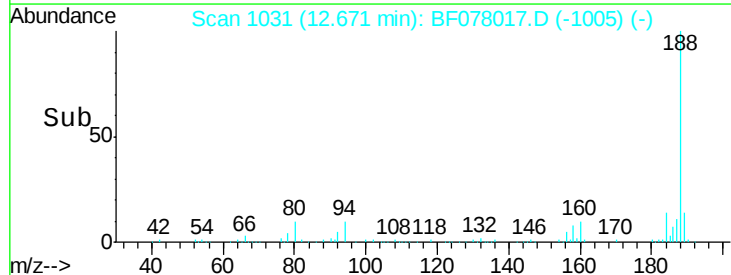
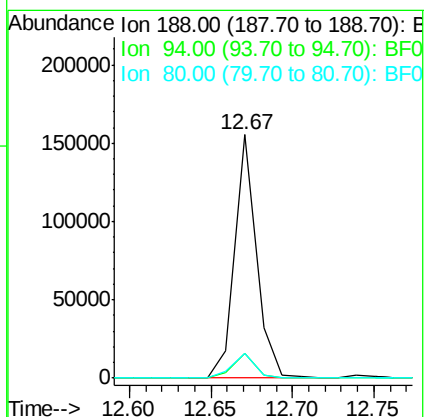
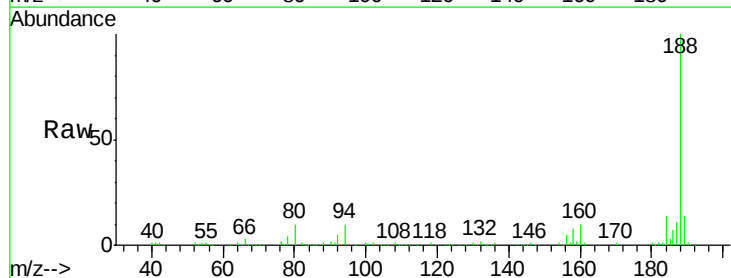
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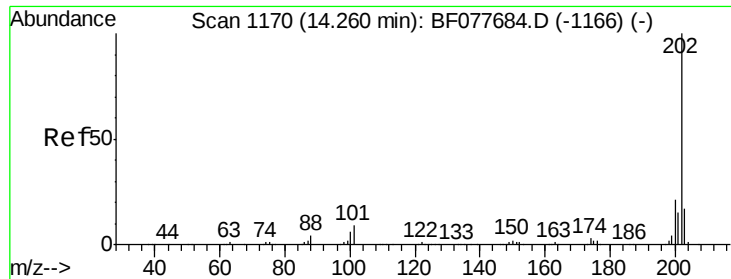
Tgt Ion:165 Resp: 9115
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

Tgt Ion:188 Resp: 143153
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.7 13.1
 80 10.3 9.3 13.9

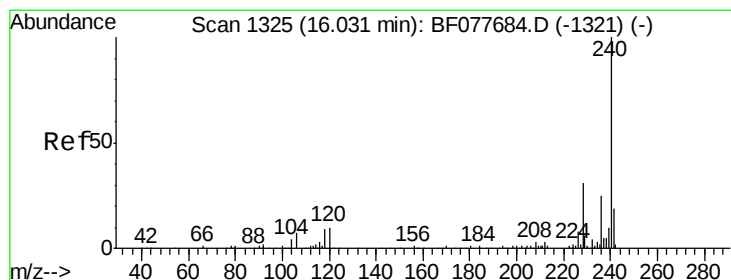
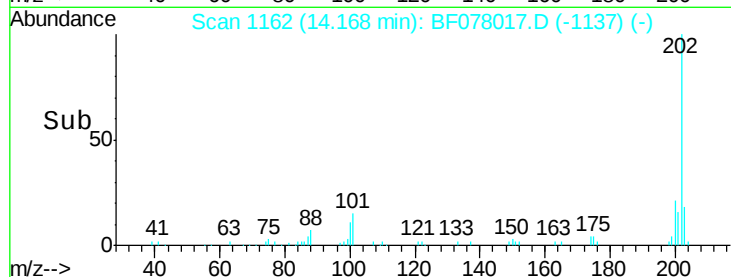
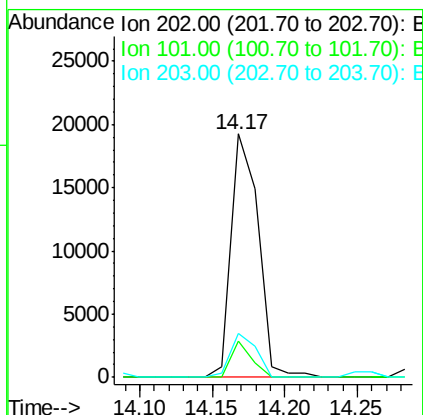
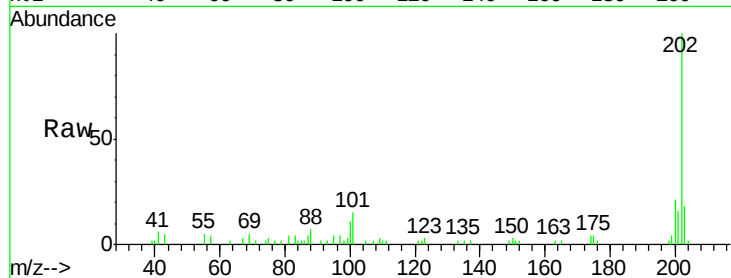




#74
 Fluoranthene
 Concen: 2.76 ng
 RT: 14.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

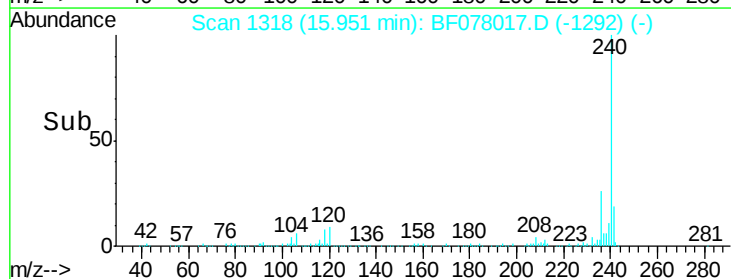
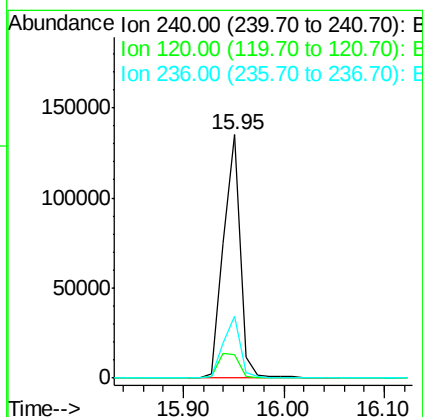
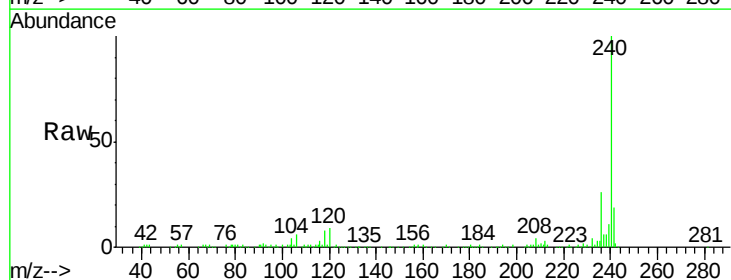
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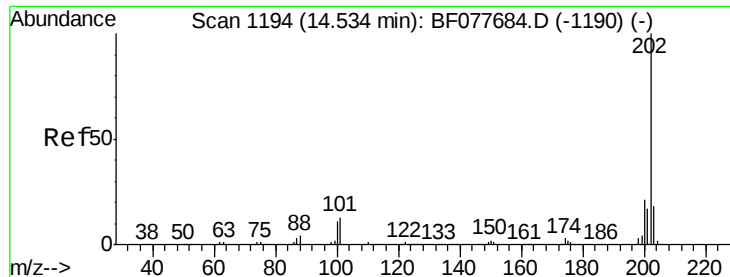
Tgt Ion: 202 Resp: 25042
 Ion Ratio Lower Upper
 202 100
 101 15.1 0.0 28.7
 203 17.9 0.0 37.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

Tgt Ion: 240 Resp: 156996
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.2 12.2
 236 25.5 20.0 30.0





#77

Pyrene

Concen: 2.47 ng

RT: 14.45 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF078017.D

Acq: 27 Mar 2015 3:07

Instrument :

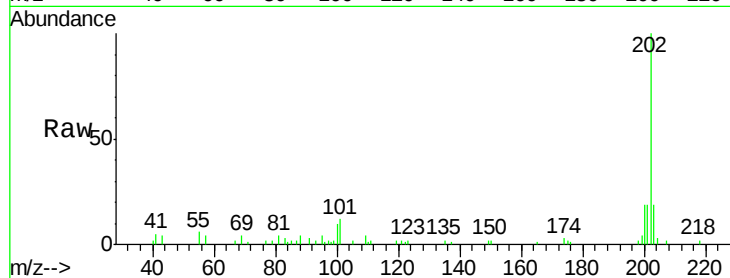
BNA_F

ClientSampleId :

SB20B

Tgt Ion: 202 Resp: 24427

Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.9	25.3
203	19.2	14.1	21.1

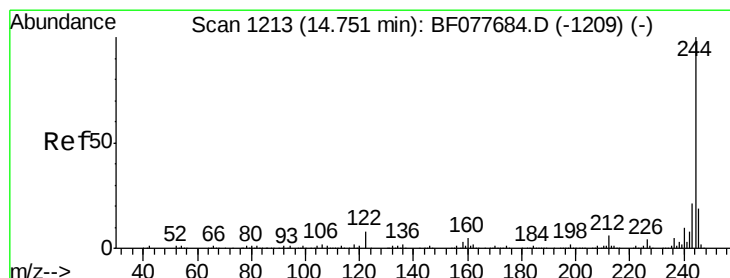
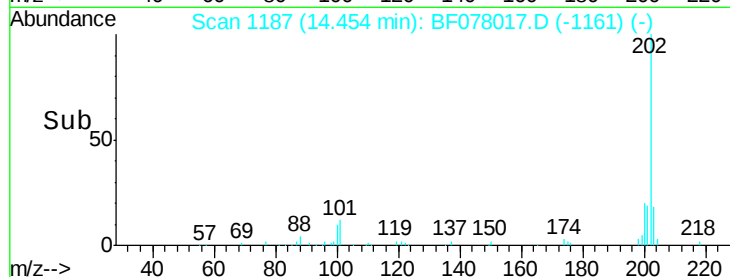
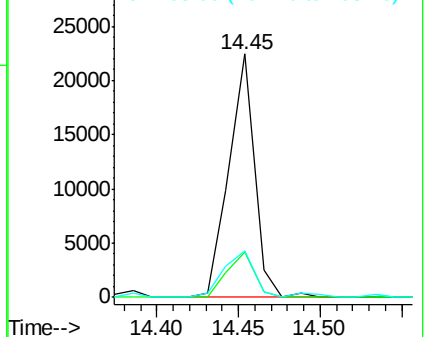


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.62 ng

RT: 14.67 min Scan# 1206

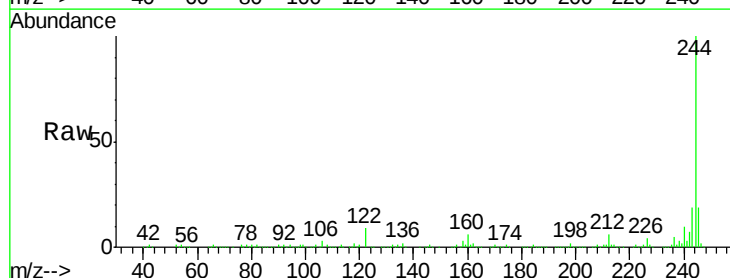
Delta R.T. -0.00 min

Lab File: BF078017.D

Acq: 27 Mar 2015 3:07

Tgt Ion: 244 Resp: 421780

Ion	Ratio	Lower	Upper
244	100		
212	5.9	4.9	7.3
122	8.7	6.2	9.4

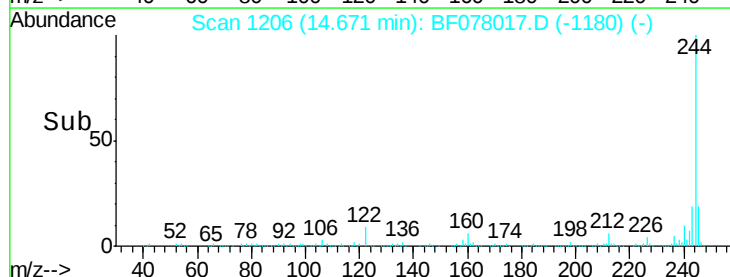
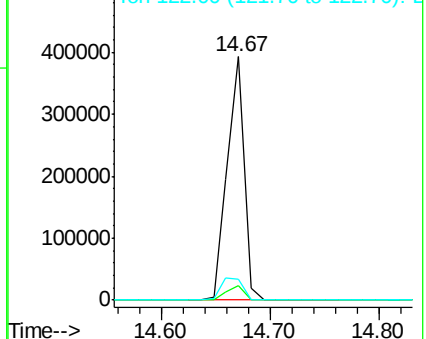


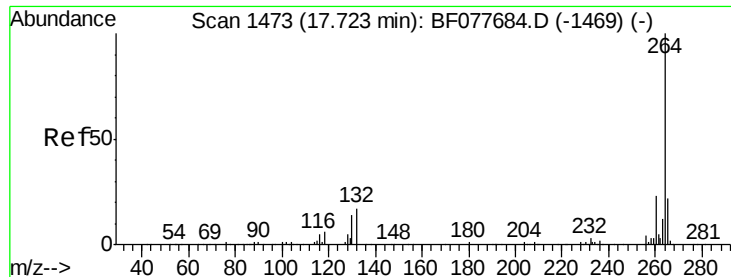
Abundance

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

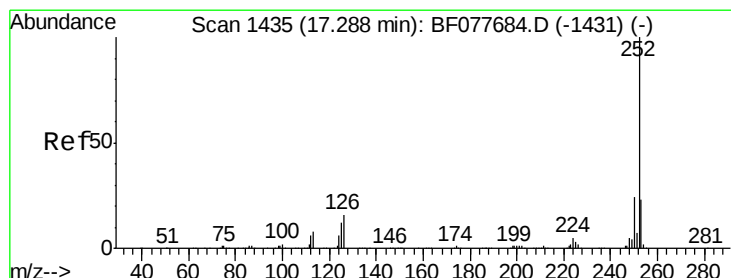
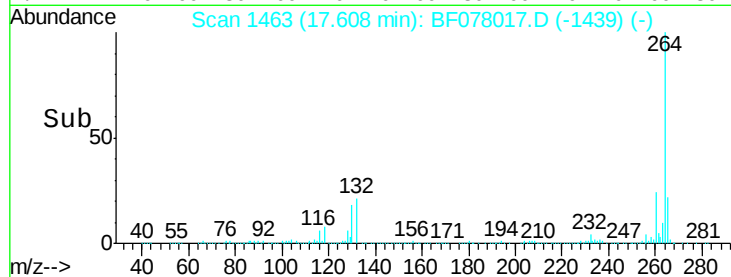
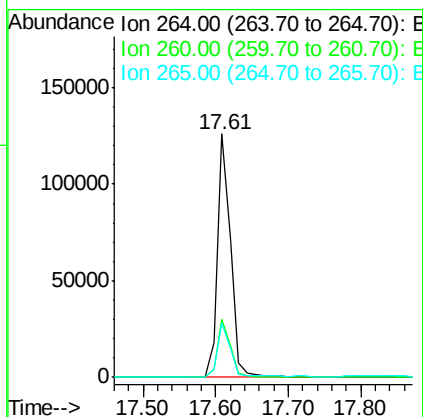
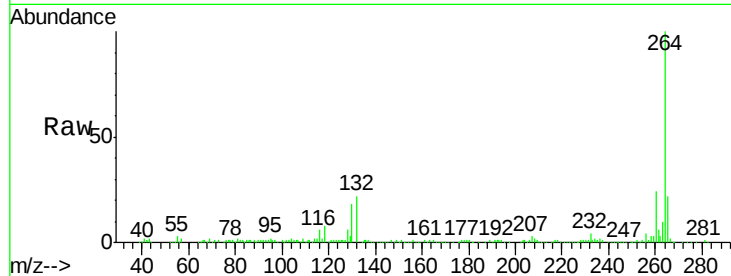




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.61 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF078017.D
Acq: 27 Mar 2015 3:07

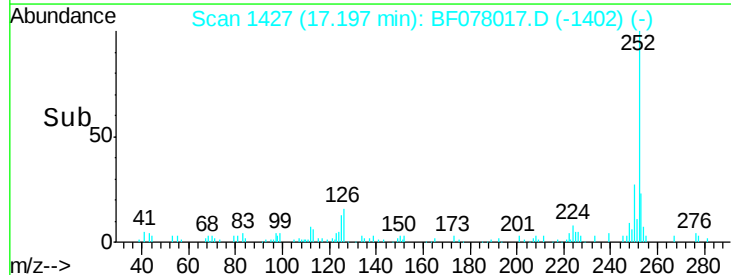
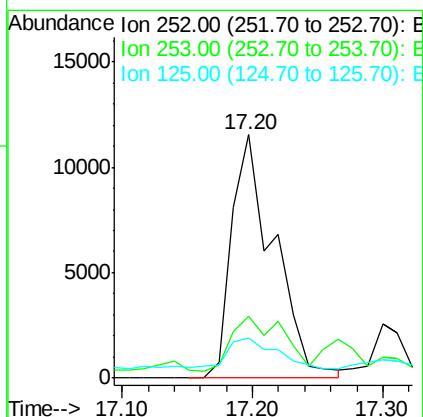
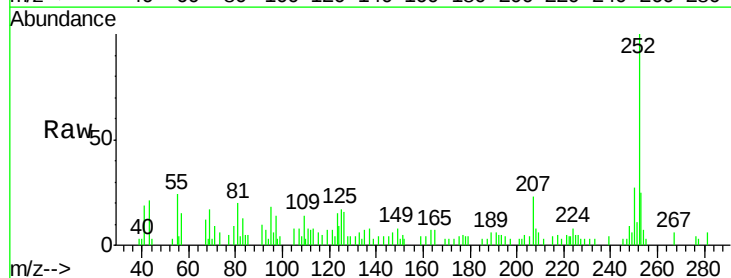
Instrument :
BNA_F
ClientSampleId :
SB20B

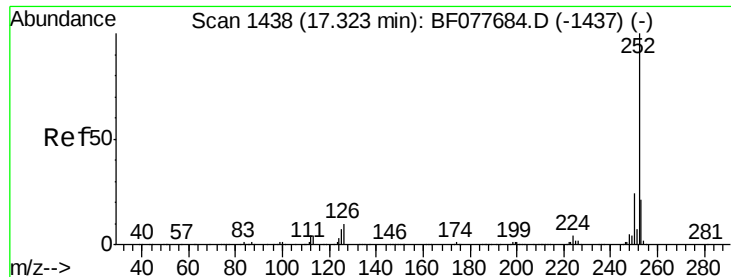
Tgt Ion:264 Resp: 158904
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 22.2 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 2.49 ng
RT: 17.20 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF078017.D
Acq: 27 Mar 2015 3:07

Tgt Ion:252 Resp: 25872
Ion Ratio Lower Upper
252 100
253 25.5 18.0 27.0
125 16.7 9.9 14.9#





#88
 Benzo(k)fluoranthene
 Concen: 3.19 ng
 RT: 17.20 min Scan# 1427
 Delta R.T. -0.05 min
 Lab File: BF078017.D
 Acq: 27 Mar 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SB20B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	16.7	8.1	12.1

