

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120915\
 Data File : BG020042.D
 Acq On : 9 Dec 2015 13:55
 Operator : UM/SJ
 Sample : G4677-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120415-A263-E-U-M

Quant Time: Dec 09 14:49:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

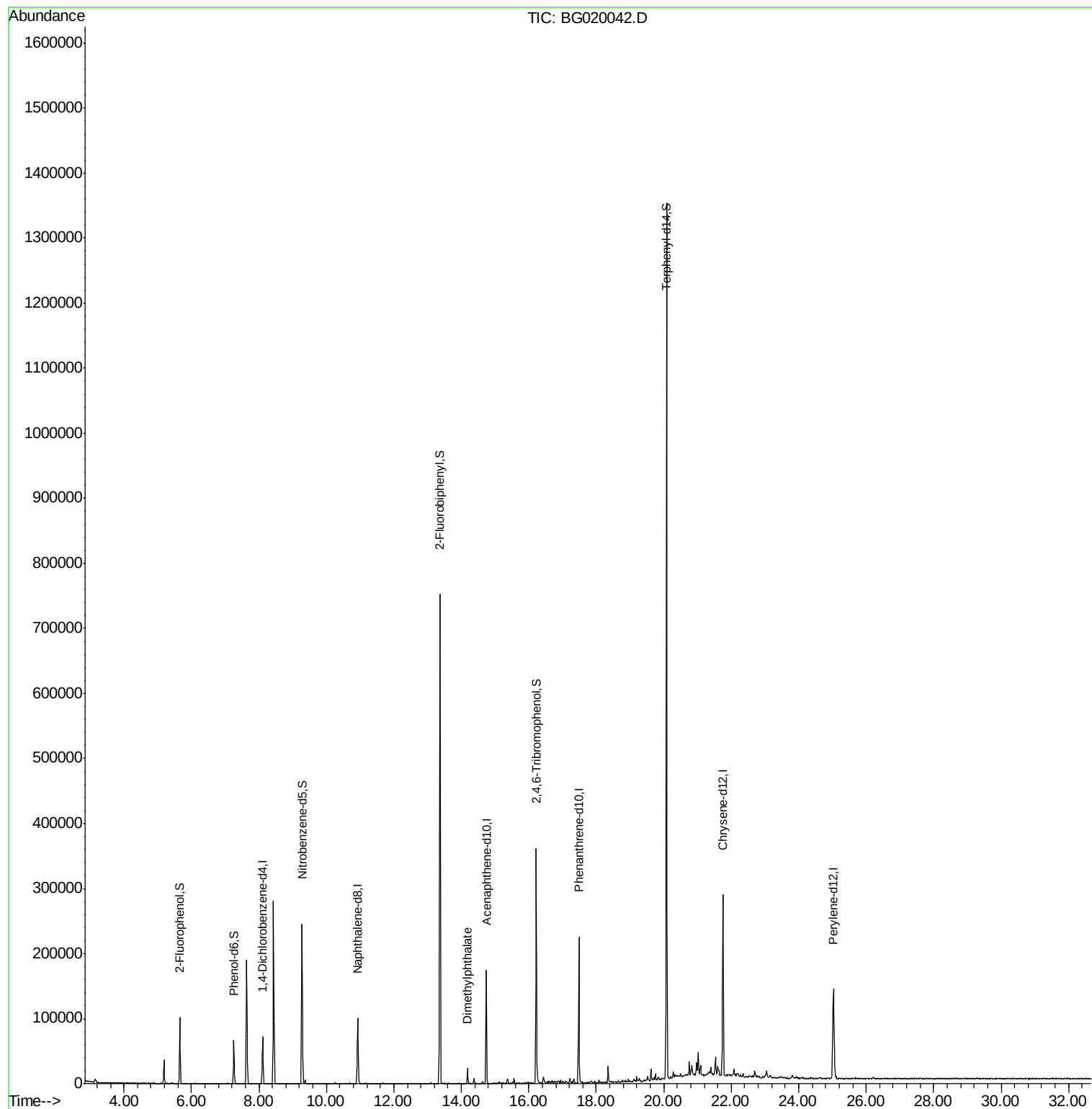
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18566	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	84510	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	59621	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	141704	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	176054	20.00	ng	-0.04
86) Perylene-d12	25.03	264	162894	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	41860	40.75	ng	-0.01
7) Phenol-d6	7.25	99	38598	24.89	ng	-0.02
23) Nitrobenzene-d5	9.27	82	152942	92.36	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	69049	75.69	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	386781	88.58	ng	-0.03
78) Terphenyl-d14	20.08	244	619171	85.78	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	15016	2.80	ng	# 98

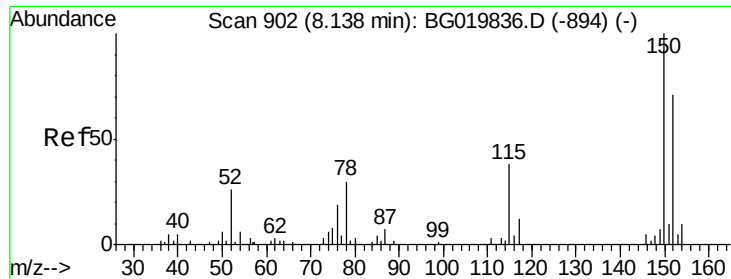
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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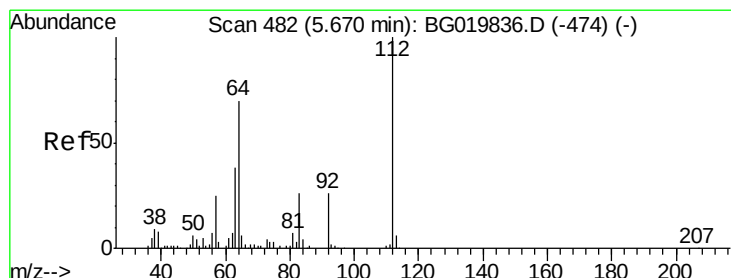
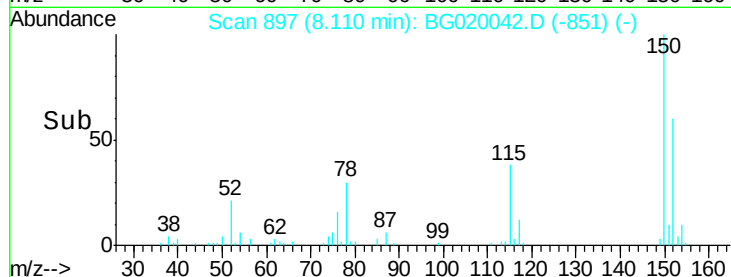
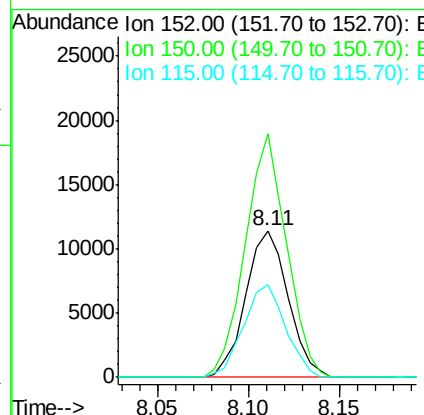
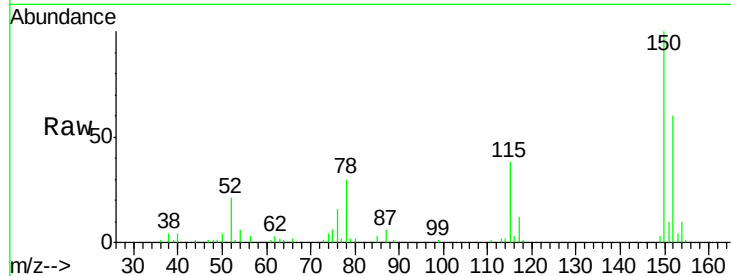




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020042.D
 Acq: 9 Dec 2015 13:55

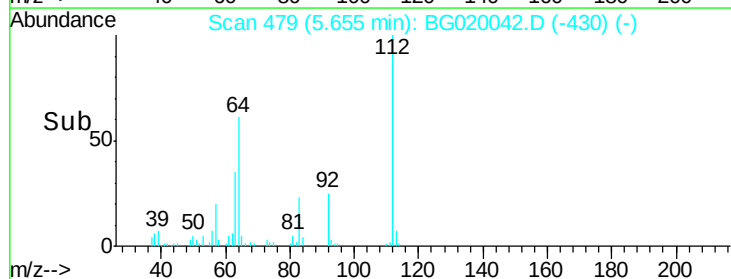
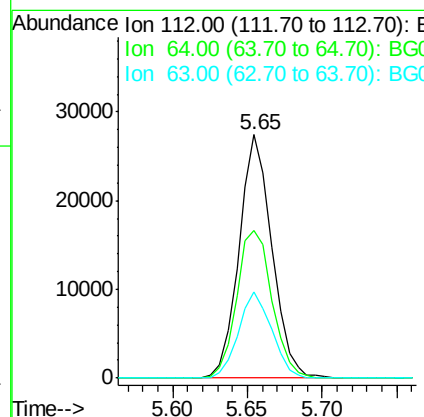
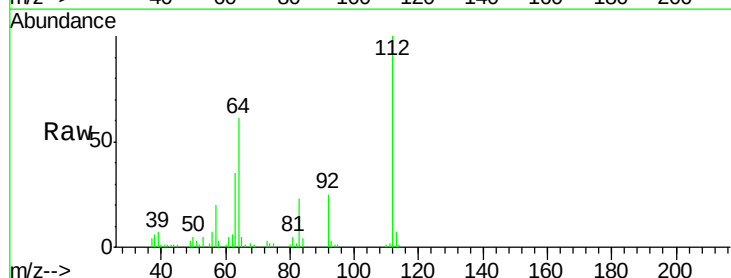
Instrument :
 BNA_G
 ClientSampleId :
 120415-A263-E-U-M

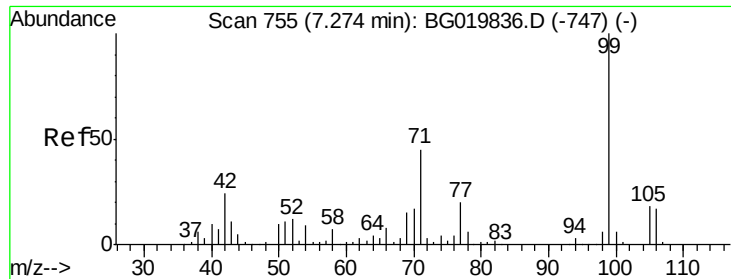
Tot Ion:152 Resp: 18566
 Ion Ratio Lower Upper
 152 100
 150 165.8 115.0 172.4
 115 63.5 43.9 65.9



#5
 2-Fluorophenol
 Concen: 40.75 ng
 RT: 5.65 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BG020042.D
 Acq: 9 Dec 2015 13:55

Tgt Ion:112 Resp: 41860
 Ion Ratio Lower Upper
 112 100
 64 60.8 43.7 65.5
 63 35.3 24.0 36.0





#7

Phenol-d6

Concen: 24.89 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020042.D

Acq: 9 Dec 2015 13:55

Instrument :

BNA_G

ClientSampleId :

120415-A263-E-U-M

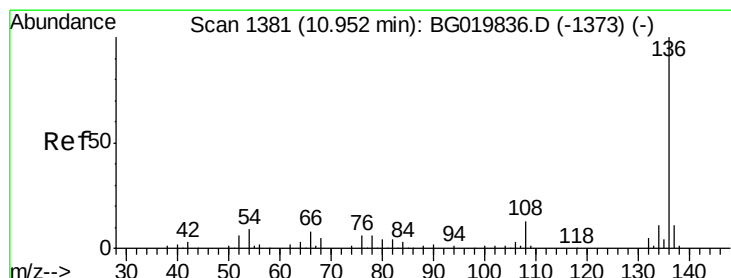
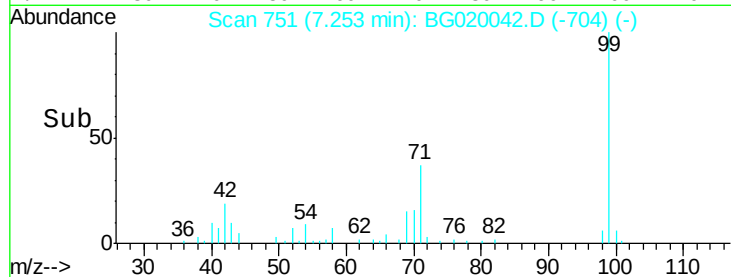
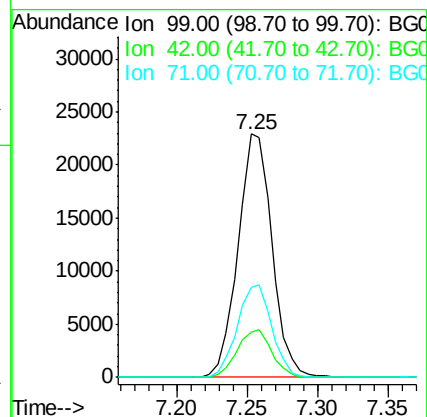
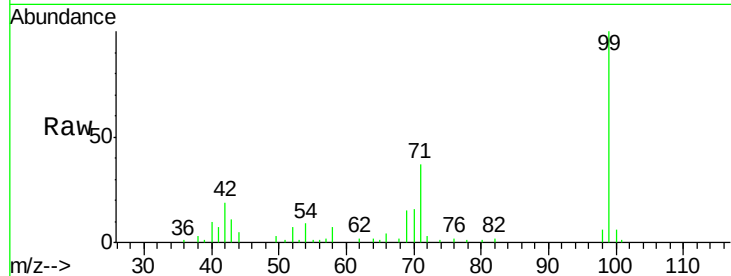
Tot Ion: 99 Resp: 38598

Ion Ratio Lower Upper

99 100

42 18.8 11.5 17.3#

71 36.9 22.6 34.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG020042.D

Acq: 9 Dec 2015 13:55

Tgt Ion: 136 Resp: 84510

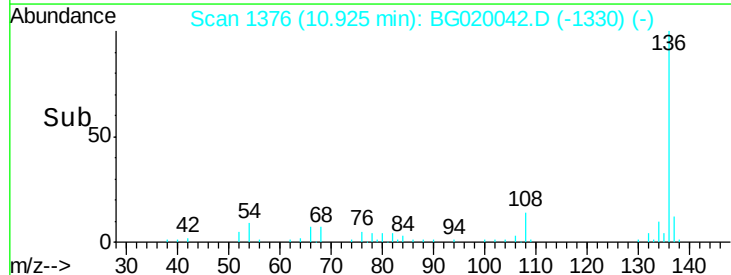
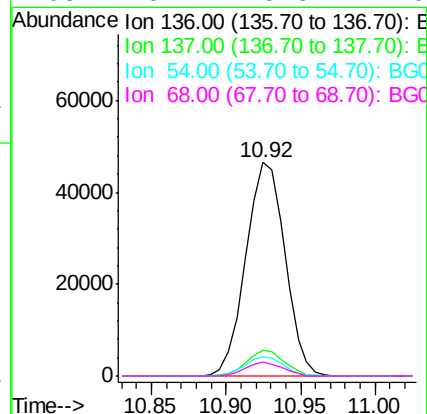
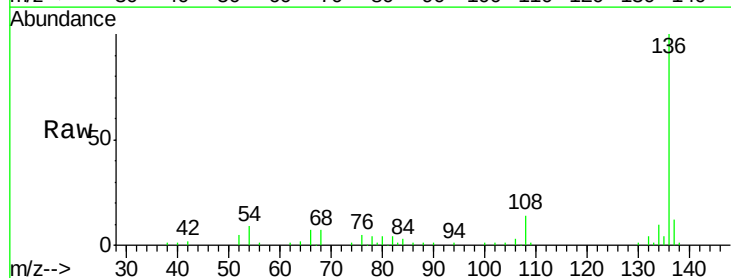
Ion Ratio Lower Upper

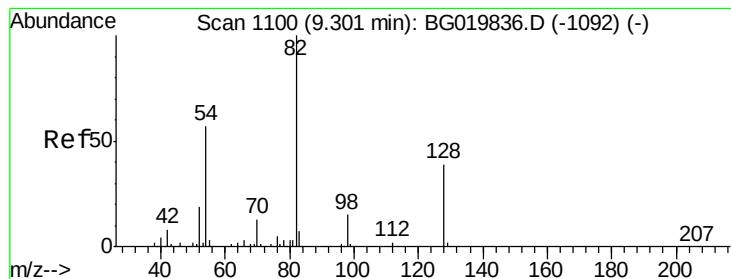
136 100

137 11.8 8.6 12.8

54 8.8 5.4 8.2#

68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 92.36 ng

RT: 9.27 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BG020042.D

Acq: 9 Dec 2015 13:55

Instrument :

BNA_G

ClientSampleId :

120415-A263-E-U-M

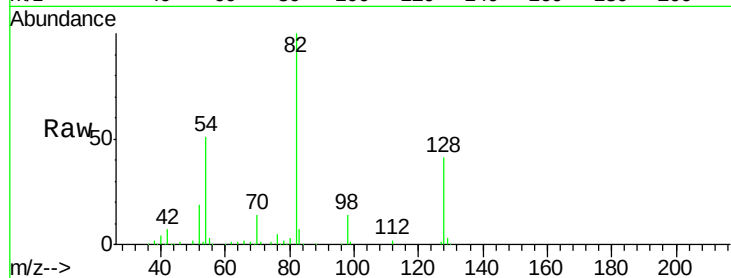
Tot Ion: 82 Resp: 152942

Ion Ratio Lower Upper

82 100

128 40.6 36.7 55.1

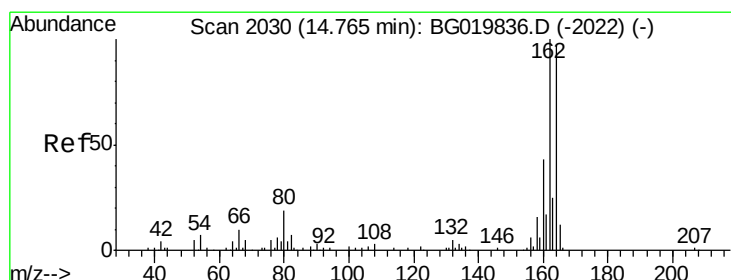
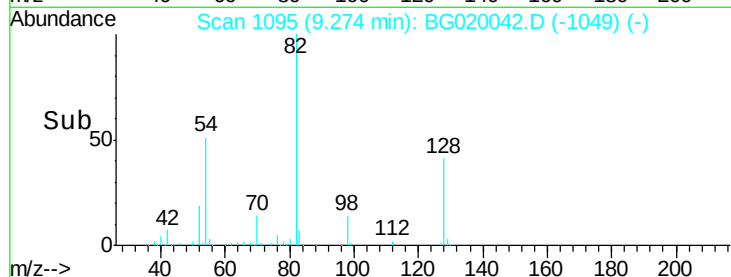
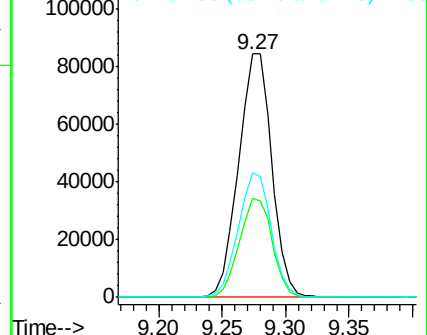
54 51.2 33.8 50.8#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG020042.D

Acq: 9 Dec 2015 13:55

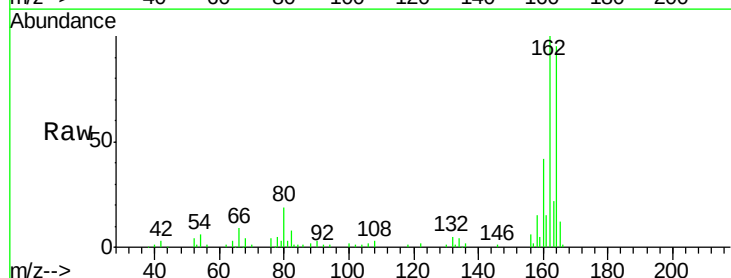
Tgt Ion: 164 Resp: 59621

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

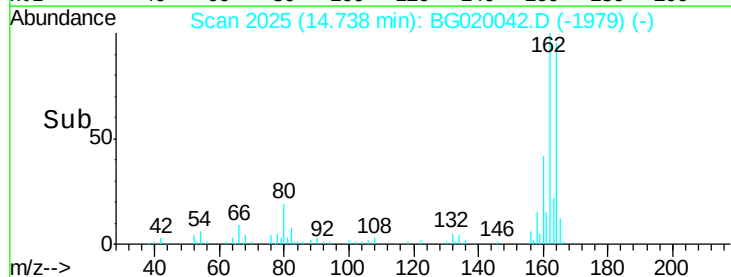
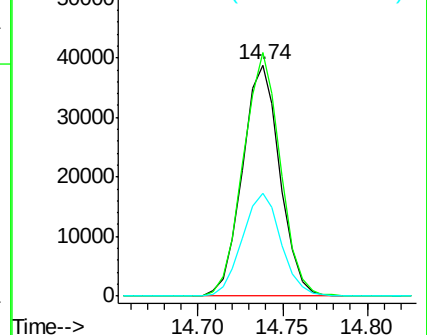
160 44.6 36.4 54.6

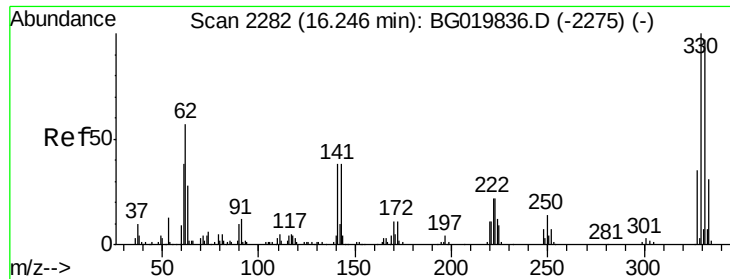


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

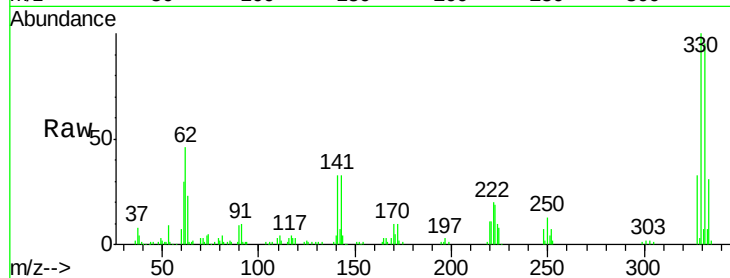




#41
 2,4,6-Tribromophenol
 Concen: 75.69 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020042.D
 Acq: 9 Dec 2015 13:55

Instrument :
 BNA_G
 ClientSampleId :
 120415-A263-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	36.6	28.2	42.2

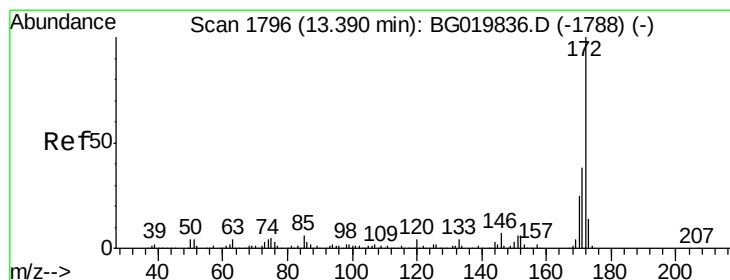
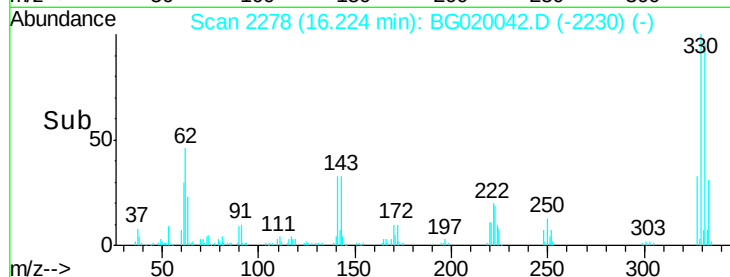
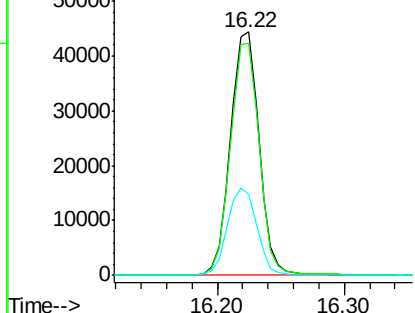


Abundance

Ion 329.80 (329.50 to 330.50): E

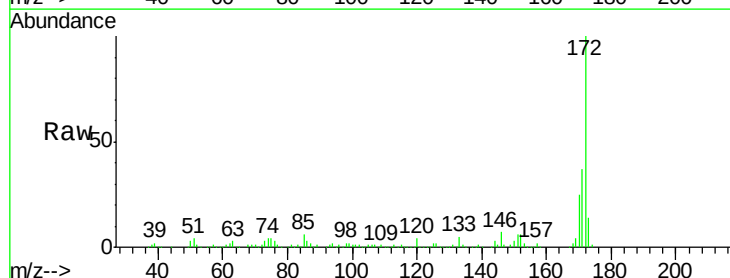
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.58 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020042.D
 Acq: 9 Dec 2015 13:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.8	19.9	29.9

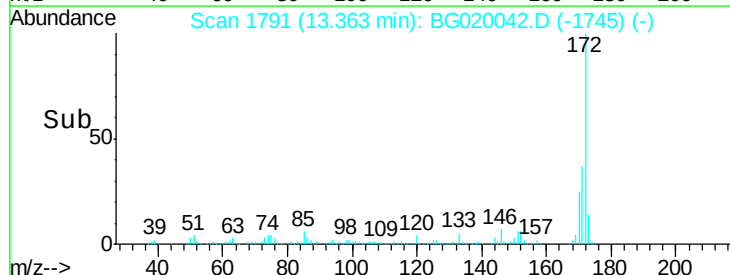
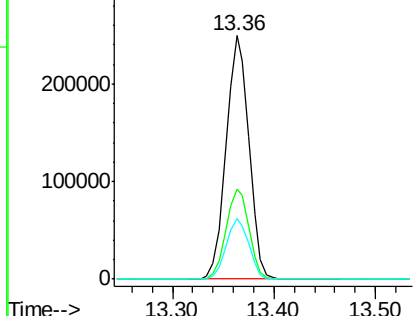


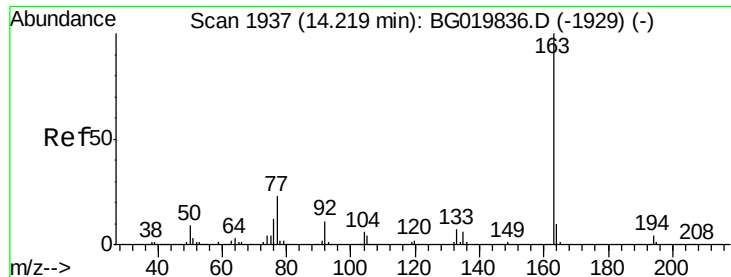
Abundance

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: 2.80 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG020042.D

Acq: 9 Dec 2015 13:55

Instrument :

BNA_G

ClientSampleId :

120415-A263-E-U-M

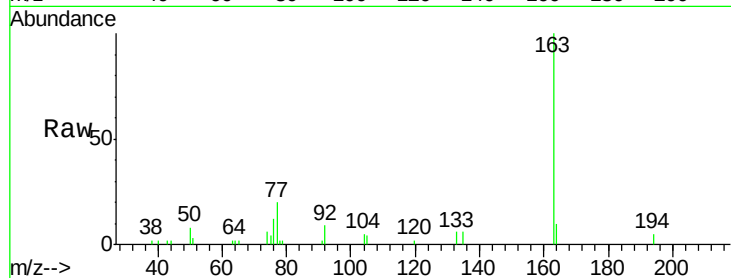
Tot Ion:163 Resp: 15016

Ion Ratio Lower Upper

163 100

194 5.1 3.1 4.7#

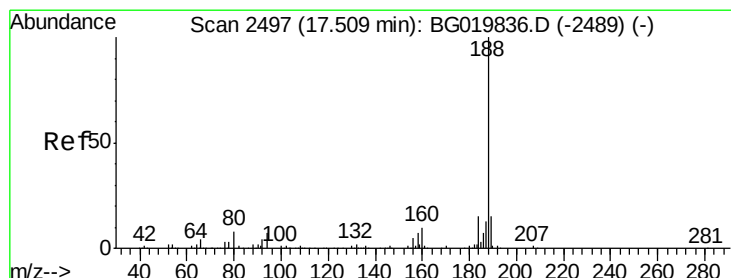
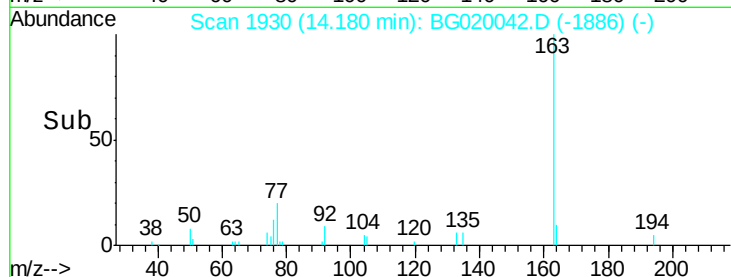
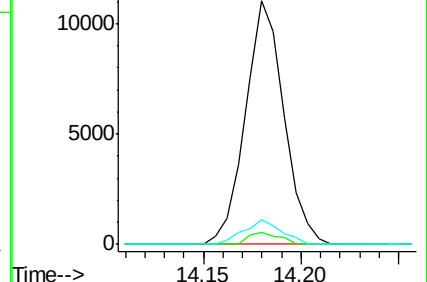
164 10.3 8.8 13.2



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: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020042.D

Acq: 9 Dec 2015 13:55

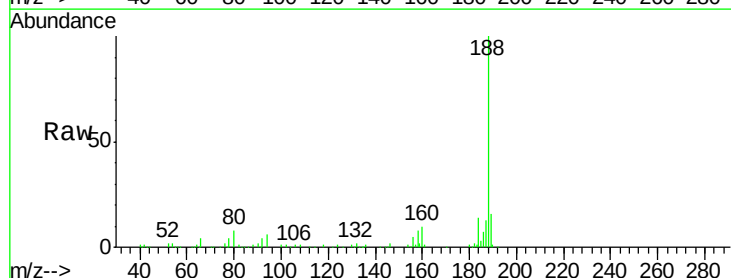
Tgt Ion:188 Resp: 141704

Ion Ratio Lower Upper

188 100

94 6.2 7.7 11.5#

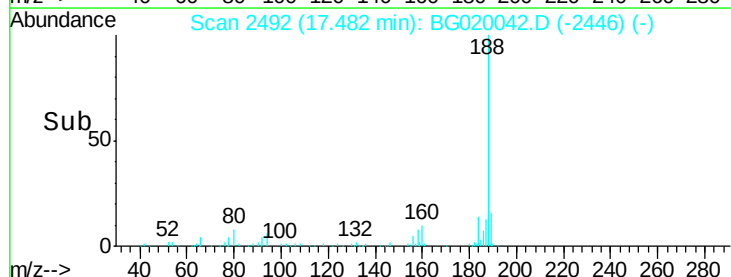
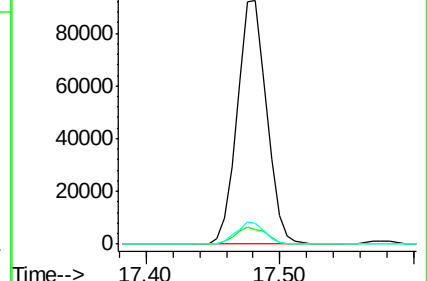
80 8.5 7.8 11.8

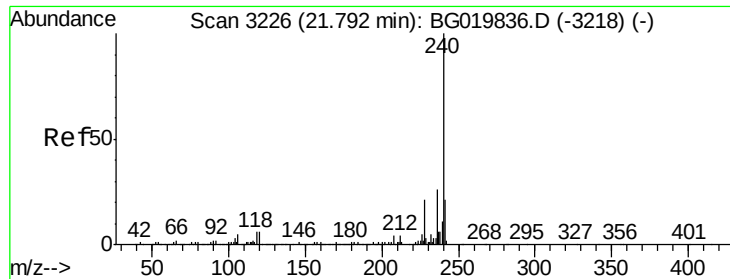


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

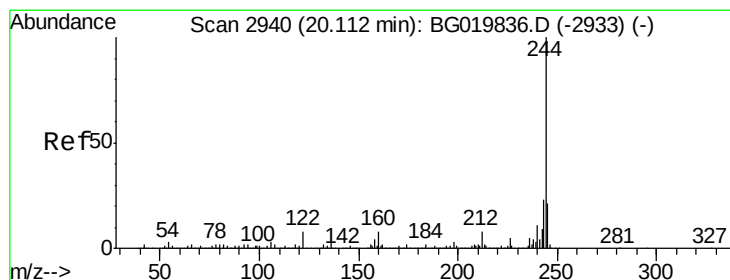
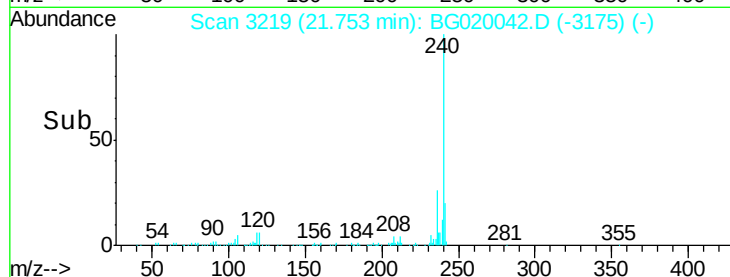
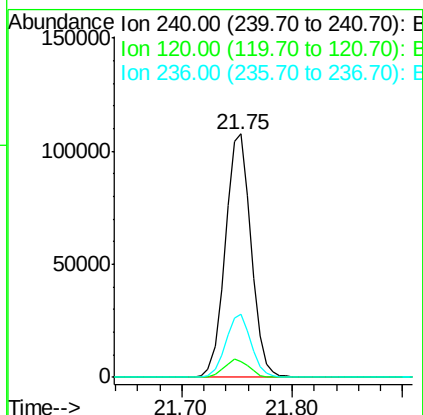
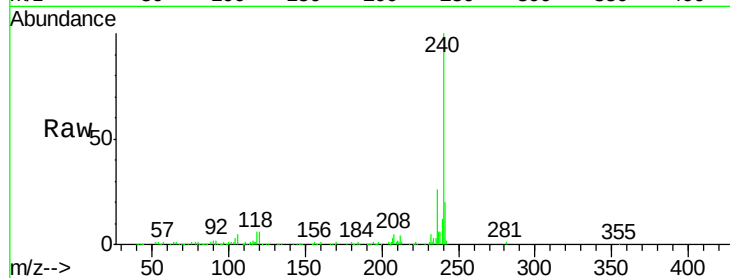




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.04 min
 Lab File: BG020042.D
 Acq: 9 Dec 2015 13:55

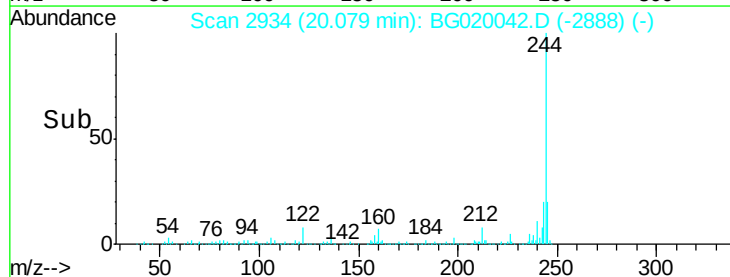
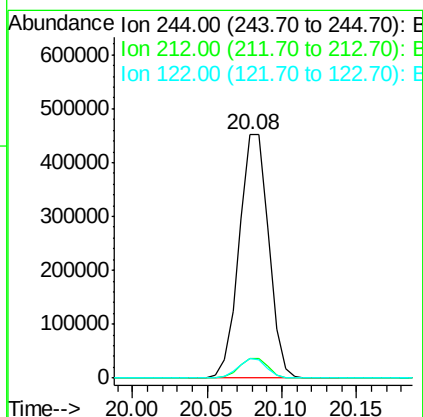
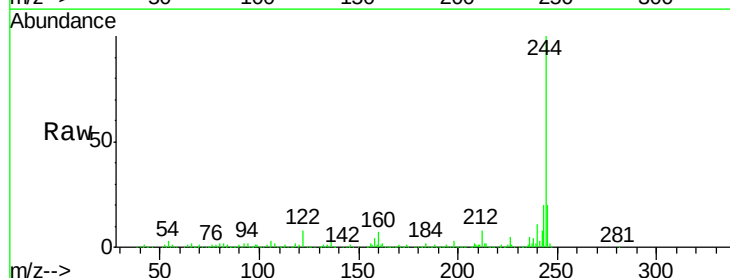
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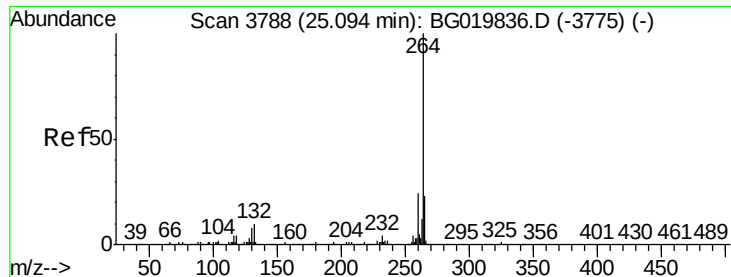
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	7.4	11.0#
236	25.8	20.7	31.1



#78
 Terphenyl-d14
 Concen: 85.78 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.03 min
 Lab File: BG020042.D
 Acq: 9 Dec 2015 13:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.1	10.2	15.2#

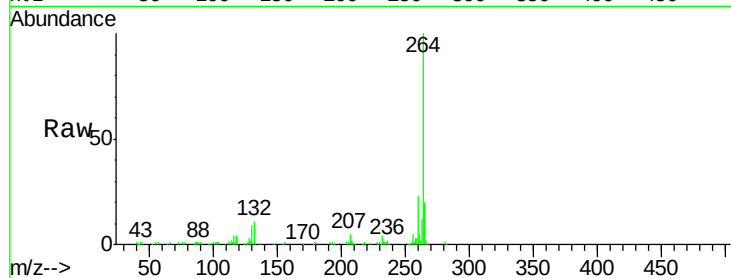




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG020042.D
 Acq: 9 Dec 2015 13:55

Instrument :
 BNA_G
 ClientSampleId :
 120415-A263-E-U-M

Tot Ion:	264	Resp:	162894
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	20.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

