

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020020.D
 Acq On : 8 Dec 2015 16:22
 Operator : UM/SJ
 Sample : G4676-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 09 04:05:15 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

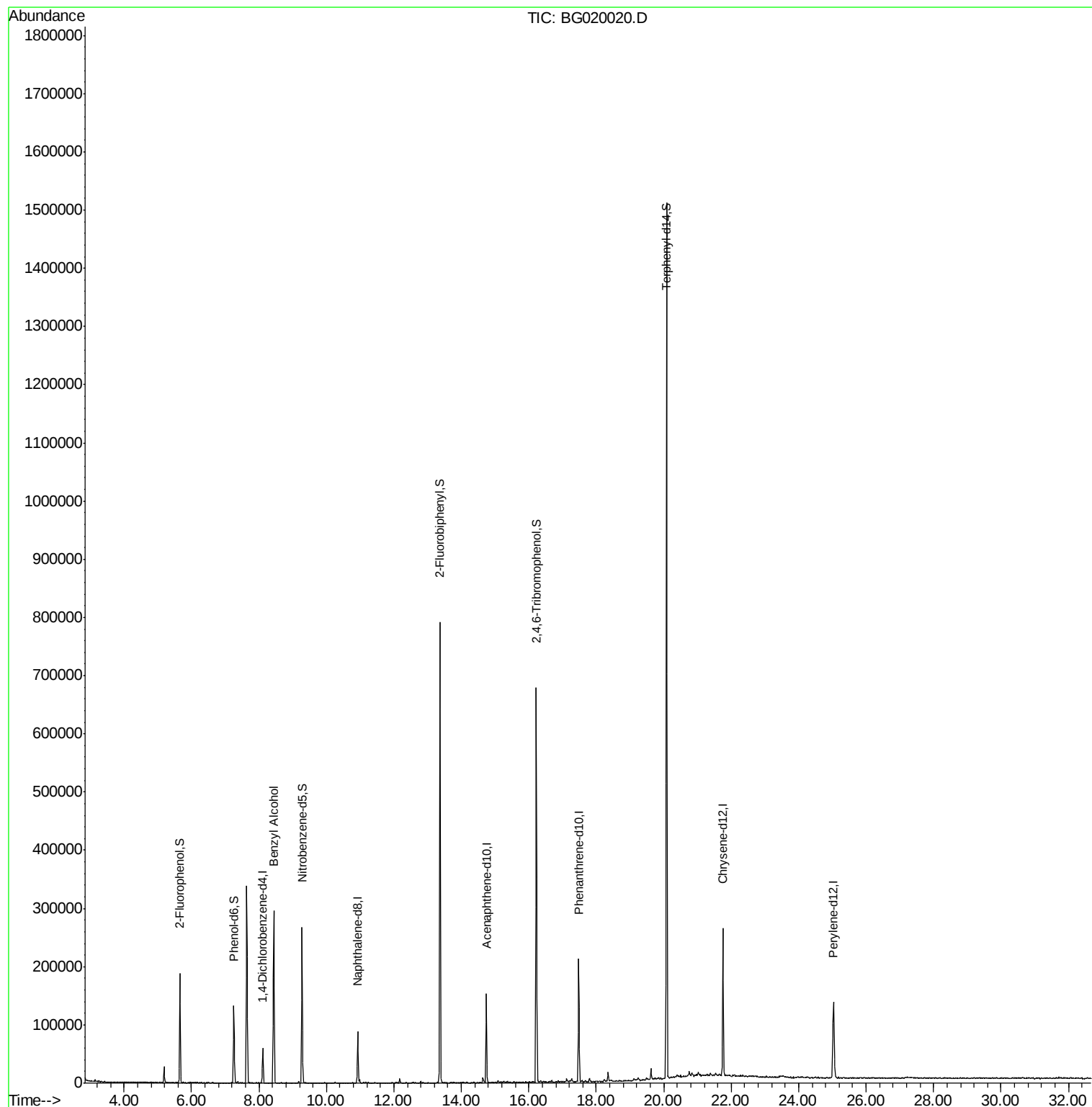
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17300	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	74648	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	52319	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	130023	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	158783	20.00	ng	-0.04
86) Perylene-d12	25.04	264	149969	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	78466	81.97	ng	-0.01
7) Phenol-d6	7.26	99	75096	51.96	ng	-0.02
23) Nitrobenzene-d5	9.28	82	160575	109.78	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	126438	157.94	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	397623	103.77	ng	-0.02
78) Terphenyl-d14	20.08	244	658591	101.17	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.44	79	2661	2.10	ng	Qvalue # 49

(#) = 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# 898

Delta R.T. -0.02 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

Instrument :

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MW-13

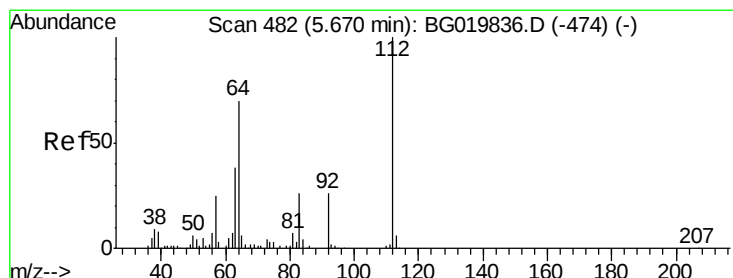
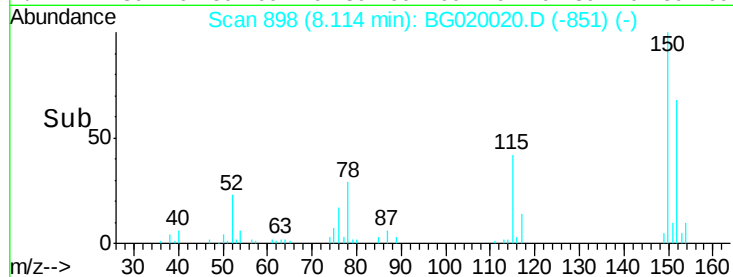
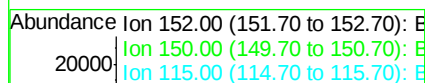
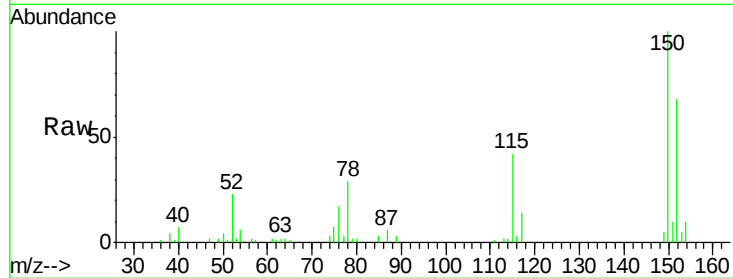
Tgt Ion:152 Resp: 17300

Ion Ratio Lower Upper

152 100

150 147.9 115.0 172.4

115 62.1 43.9 65.9



#5

2-Fluorophenol

Concen: 81.97 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

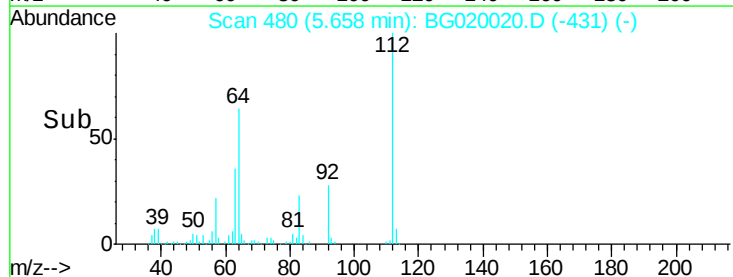
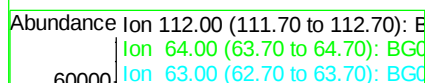
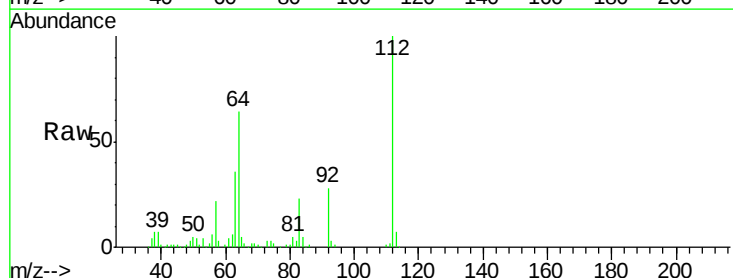
Tgt Ion:112 Resp: 78466

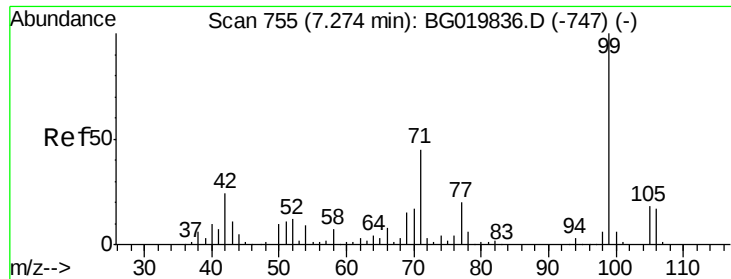
Ion Ratio Lower Upper

112 100

64 64.4 43.7 65.5

63 36.3 24.0 36.0#





#7

Phenol-d6

Concen: 51.96 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

Instrument :

BNA_F

ClientSampled :

MW-13

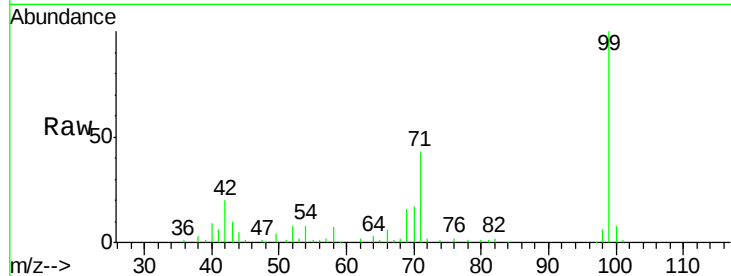
Tgt Ion: 99 Resp: 75096

Ion Ratio Lower Upper

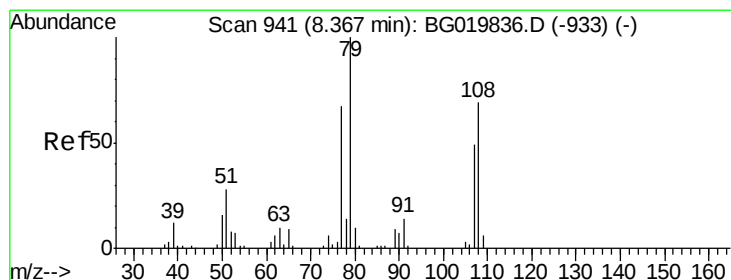
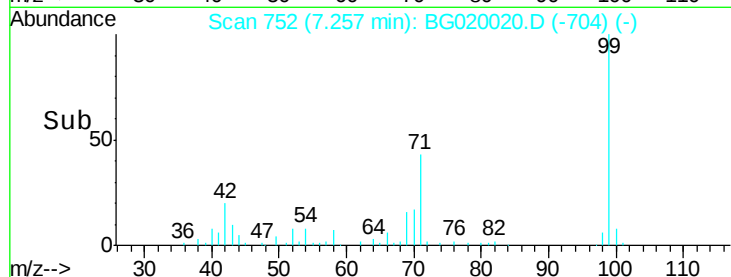
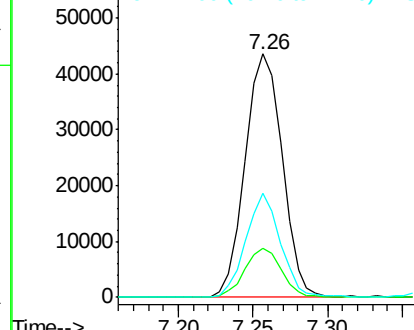
99 100

42 20.2 11.5 17.3#

71 42.7 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 8.44 min Scan# 954

Delta R.T. 0.08 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

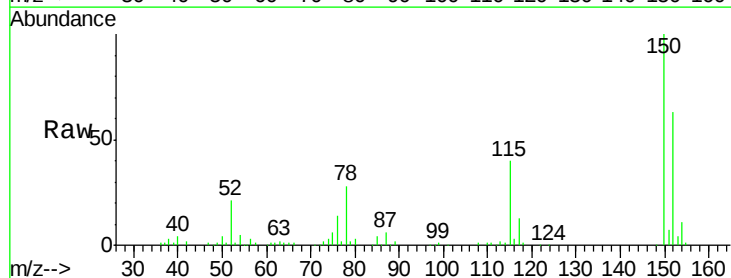
Tgt Ion: 79 Resp: 2661

Ion Ratio Lower Upper

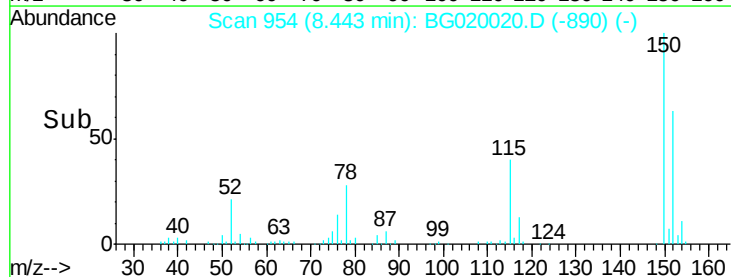
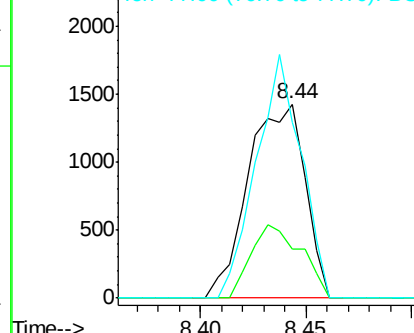
79 100

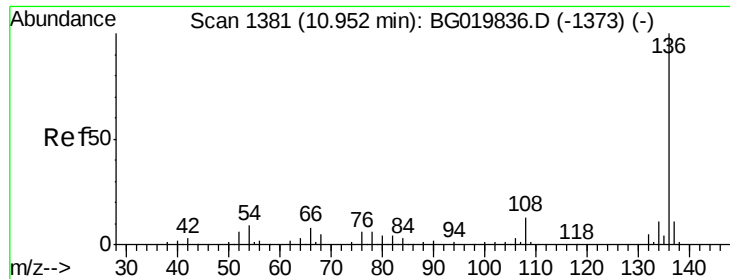
108 25.2 65.5 98.3#

77 90.8 51.3 76.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

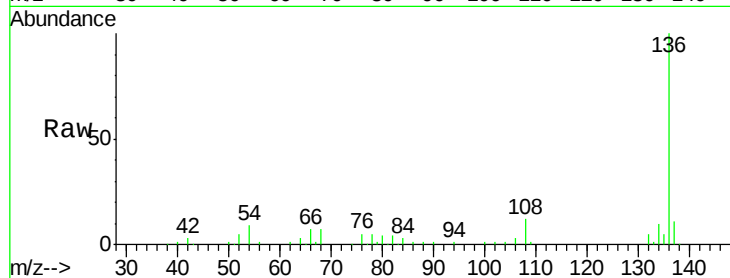




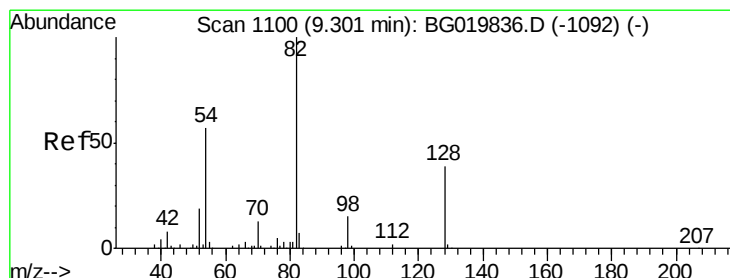
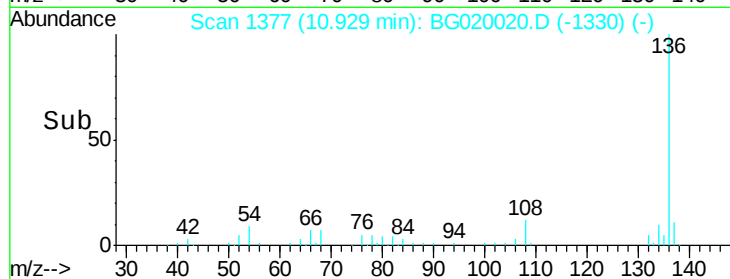
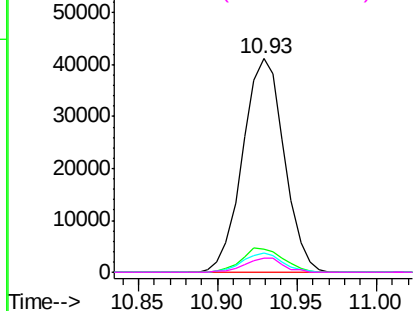
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020020.D
Acq: 8 Dec 2015 16:22

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:	136	Resp:	74648
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.2	5.4	8.2#
68	6.6	5.3	7.9

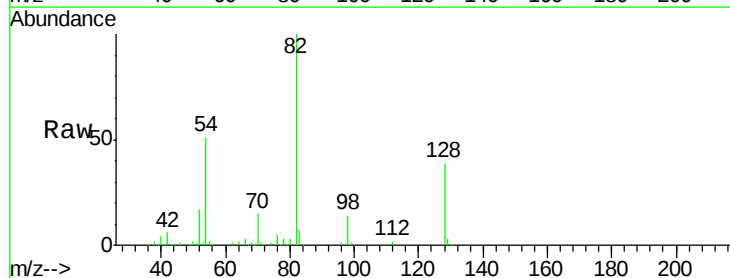


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

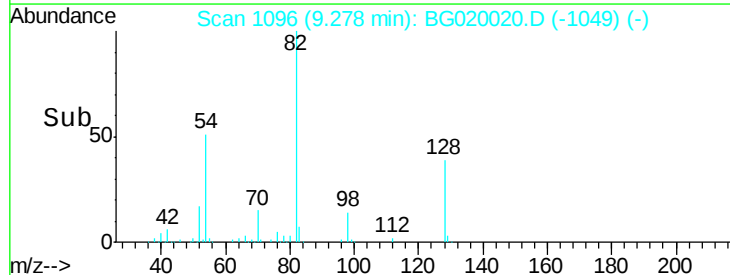
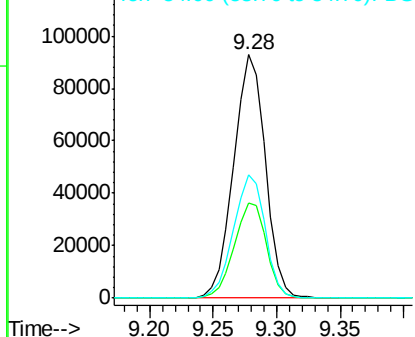


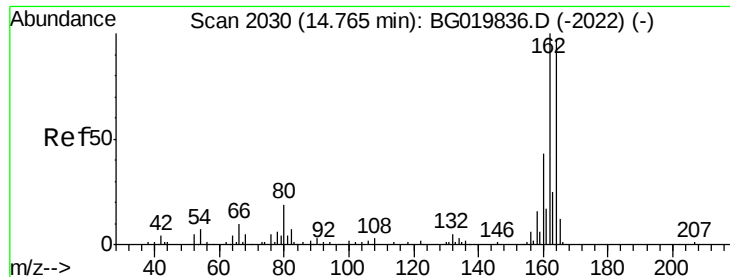
#23
Nitrobenzene-d5
Concen: 109.78 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020020.D
Acq: 8 Dec 2015 16:22

Tgt Ion:	82	Resp:	160575
Ion	Ratio	Lower	Upper
82	100		
128	39.2	36.7	55.1
54	50.7	33.8	50.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG020020.D

Acq: 8 Dec 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW-13

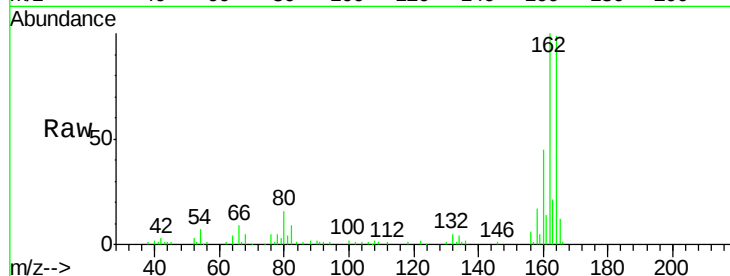
Tgt Ion:164 Resp: 52319

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

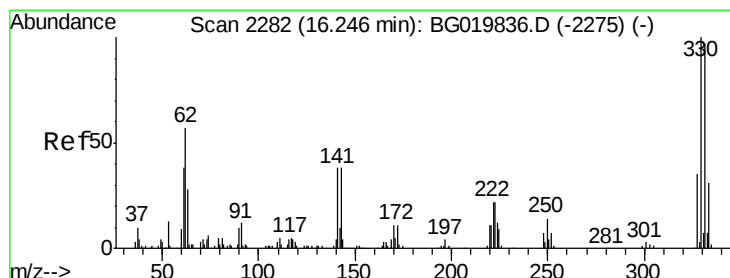
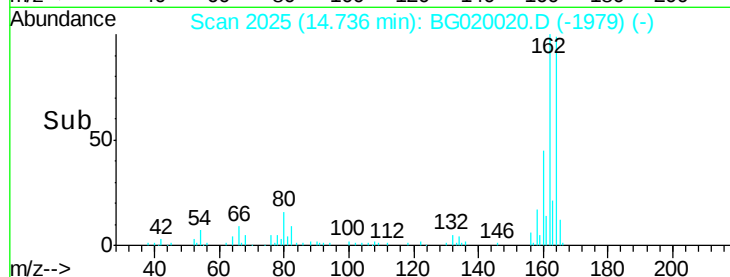
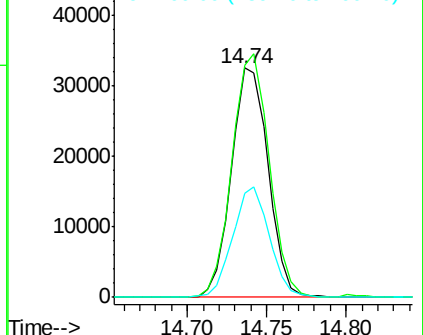
160 45.6 36.4 54.6



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: 157.94 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

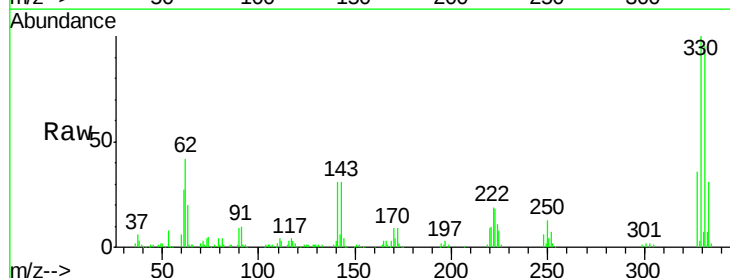
Tgt Ion:330 Resp: 126438

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

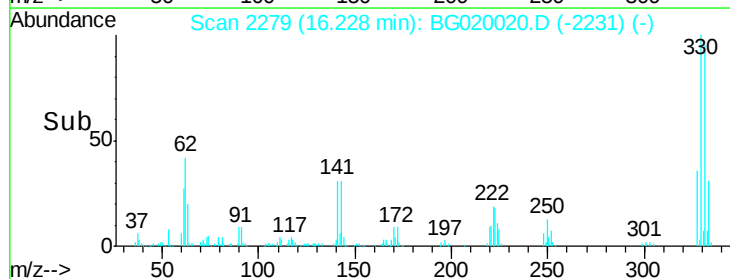
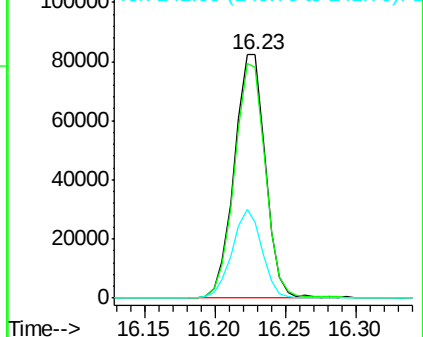
141 34.7 28.2 42.2

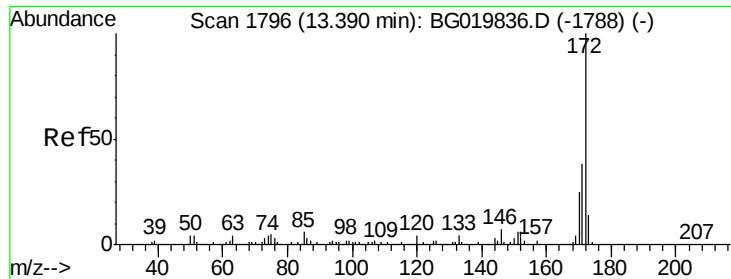


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

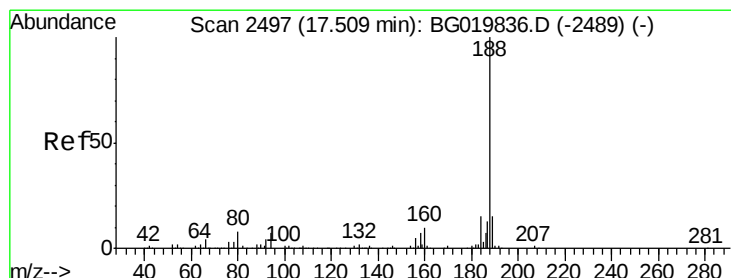
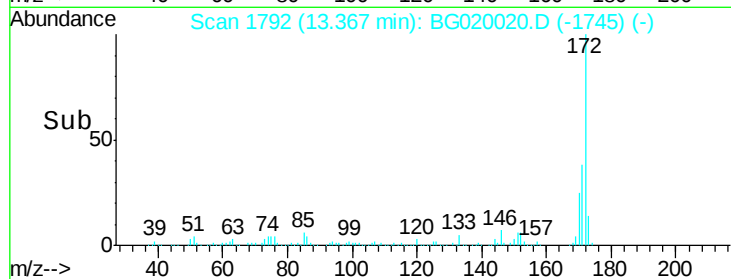
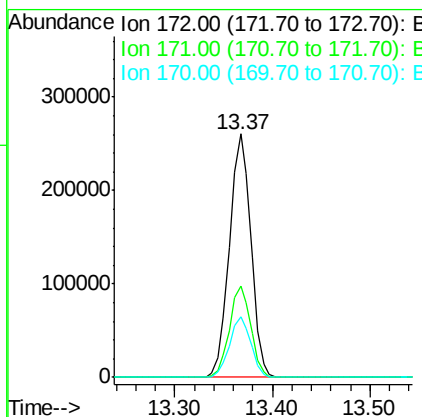
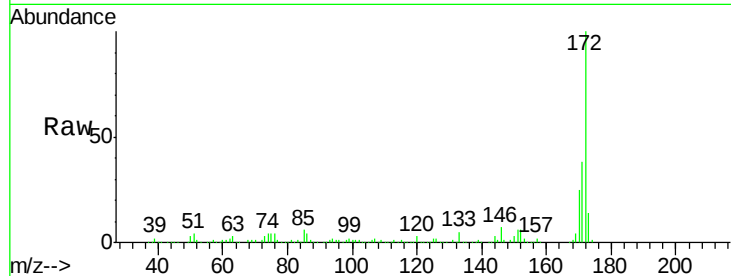




#44
 2-Fluorobiphenyl
 Concen: 103.77 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020020.D
 Acq: 8 Dec 2015 16:22

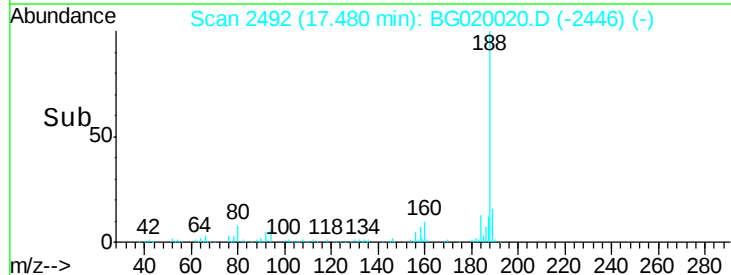
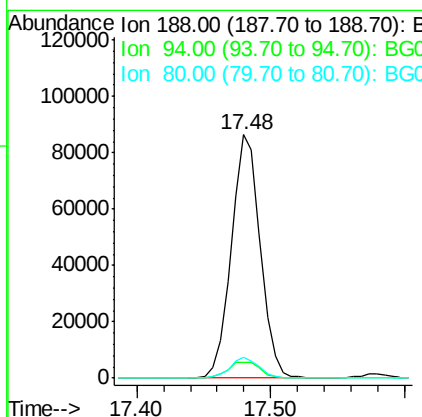
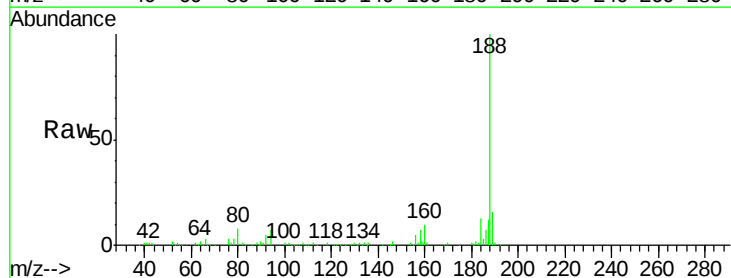
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 MW-13

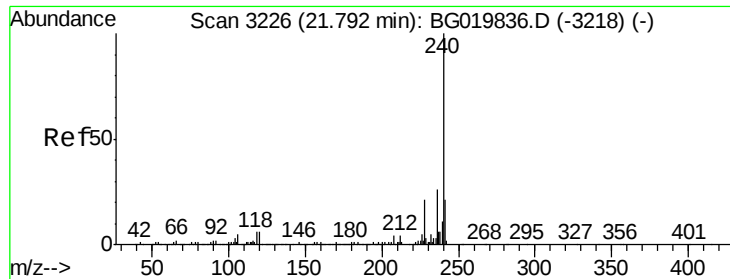
Tgt Ion:172 Resp: 397623
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 24.7 19.9 29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.03 min
 Lab File: BG020020.D
 Acq: 8 Dec 2015 16:22

Tgt Ion:188 Resp: 130023
 Ion Ratio Lower Upper
 188 100
 94 6.7 7.7 11.5#
 80 8.5 7.8 11.8

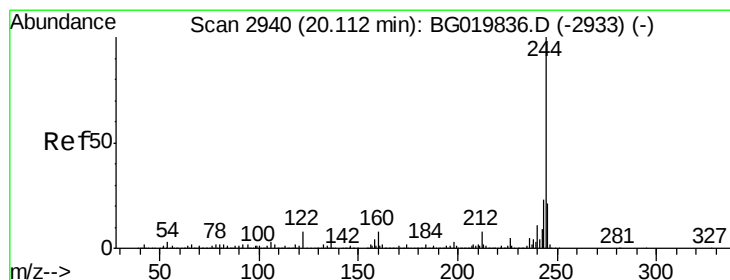
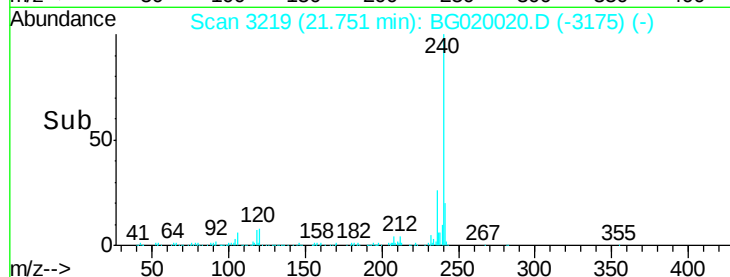
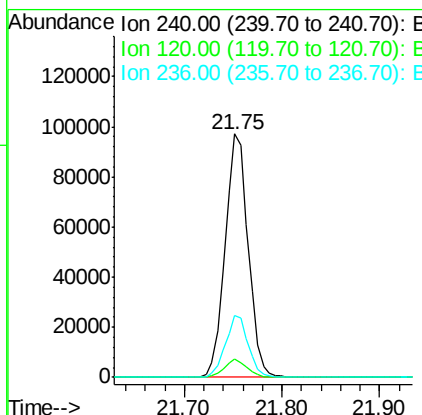
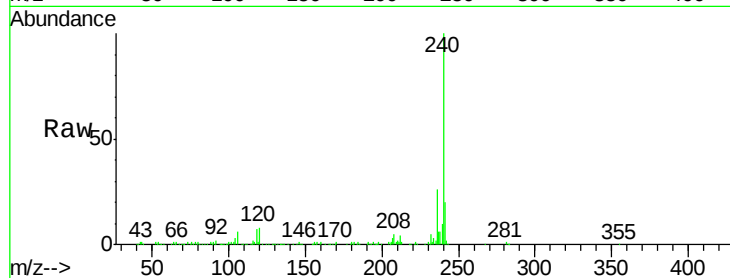




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020020.D
Acq: 8 Dec 2015 16:22

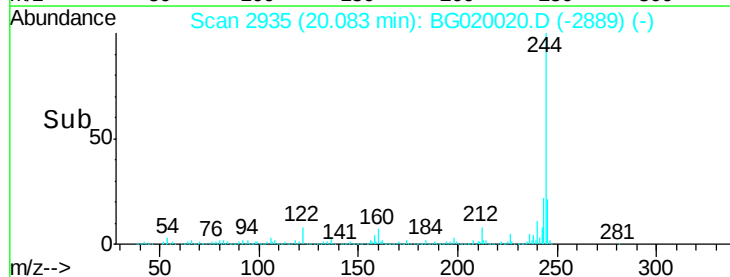
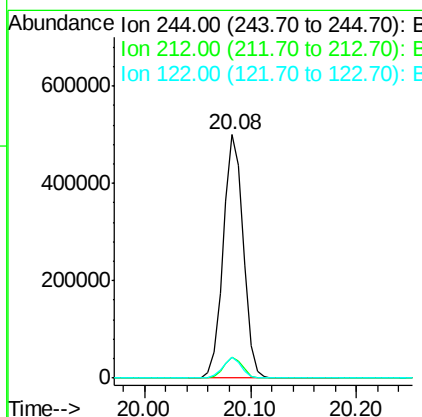
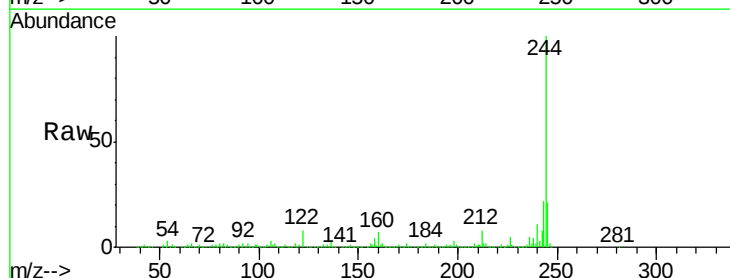
Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:240 Resp: 158783
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 25.5 20.7 31.1



#78
Terphenyl-d14
Concen: 101.17 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020020.D
Acq: 8 Dec 2015 16:22

Tgt Ion:244 Resp: 658591
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 8.3 10.2 15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020020.D
Acq: 8 Dec 2015 16:22

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	20.2	17.2	25.8

