

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020011.D
 Acq On : 8 Dec 2015 10:34
 Operator : UM/SJ
 Sample : G4676-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-19

Quant Time: Dec 09 03:59:35 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	8.12	152	20046	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	86814	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	58314	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	145117	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	175086	20.00	ng	-0.04
86) Perylene-d12	25.04	264	163220	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	92739	83.61	ng	0.00
7) Phenol-d6	7.26	99	84833	50.66	ng	-0.02
23) Nitrobenzene-d5	9.28	82	186571	109.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	134728	151.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	443853	103.93	ng	-0.02
78) Terphenyl-d14	20.08	244	726316	101.18	ng	-0.03

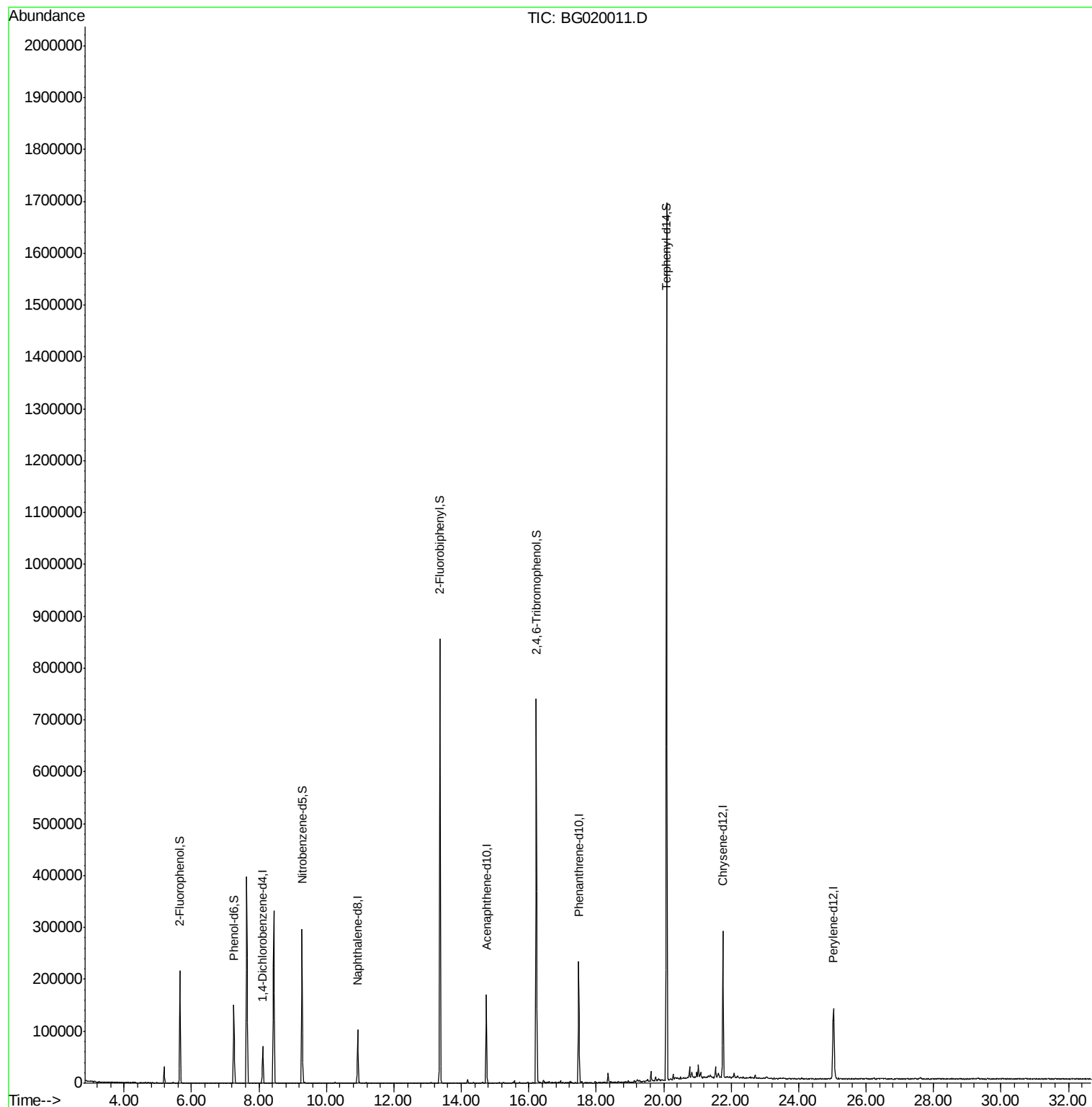
Target Compounds	Qvalue
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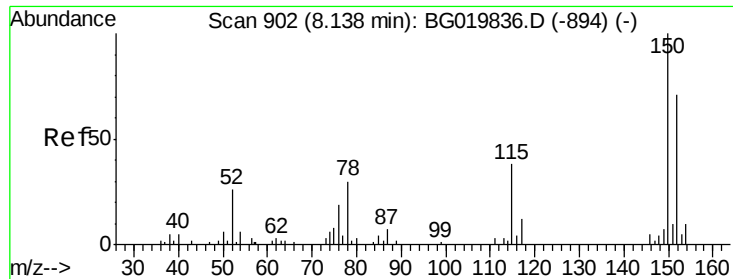
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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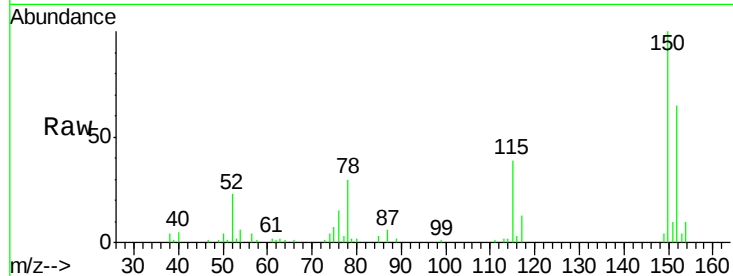


#1

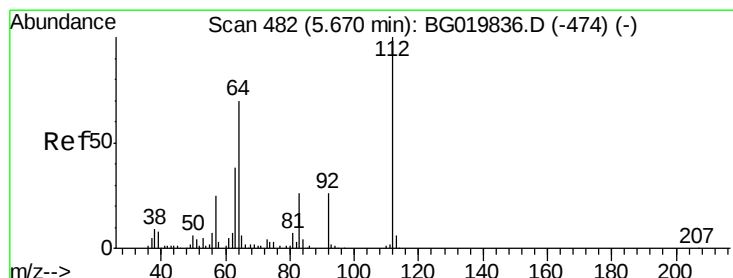
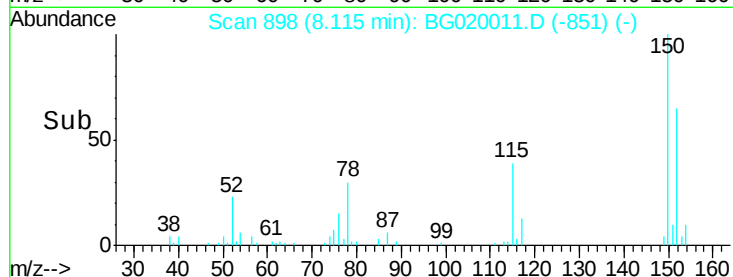
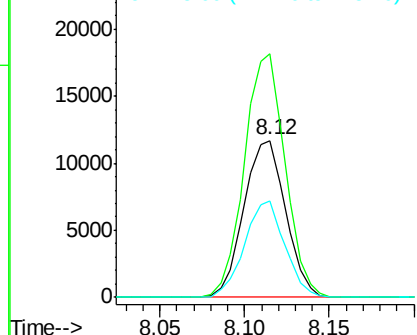
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020011.D
Acq: 8 Dec 2015 10:34

Instrument :
BNA_G
ClientSampleId :
MW-19

Tgt Ion:152 Resp: 20046
Ion Ratio Lower Upper
152 100
150 155.0 115.0 172.4
115 61.1 43.9 65.9



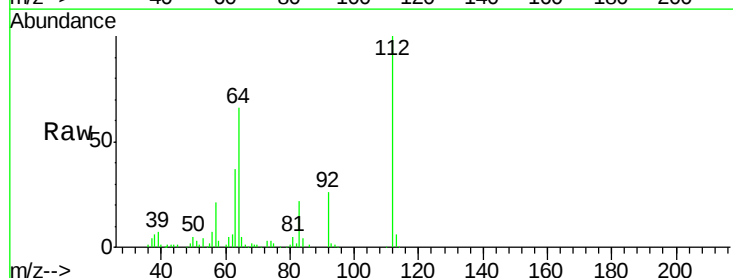
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



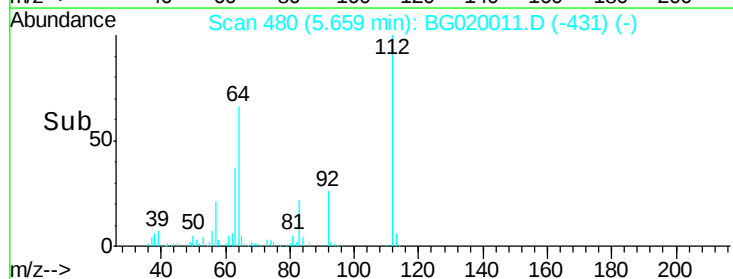
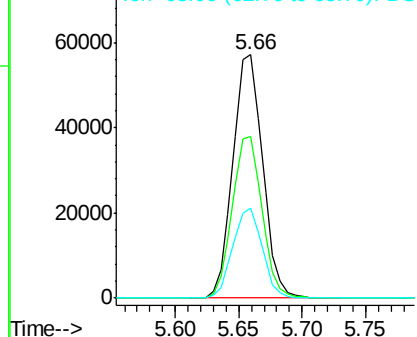
#5

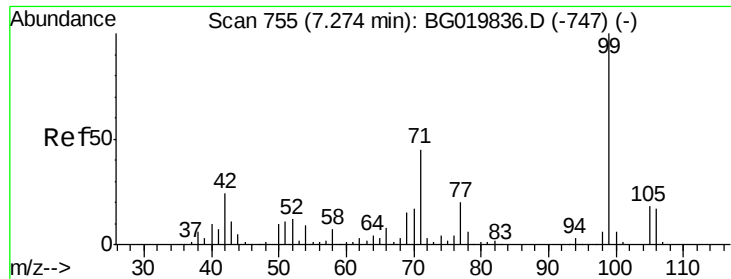
2-Fluorophenol
Concen: 83.61 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020011.D
Acq: 8 Dec 2015 10:34

Tgt Ion:112 Resp: 92739
Ion Ratio Lower Upper
112 100
64 66.3 43.7 65.5#
63 37.2 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 50.66 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020011.D

Acq: 8 Dec 2015 10:34

Instrument :

BNA_G

ClientSampleId :

MW-19

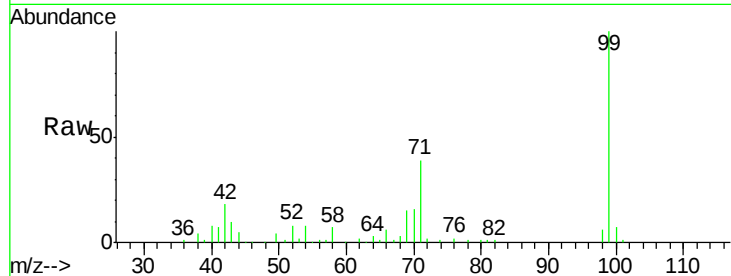
Tgt Ion: 99 Resp: 84833

Ion Ratio Lower Upper

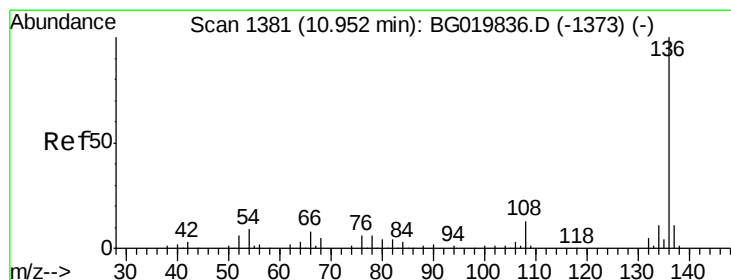
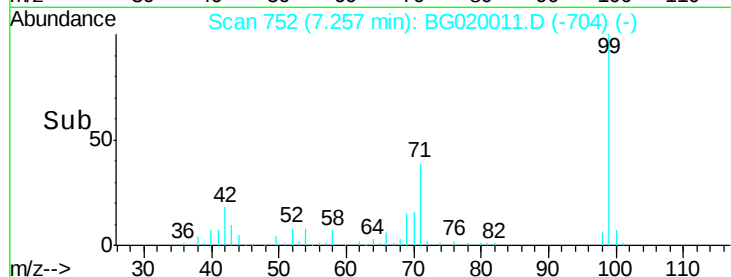
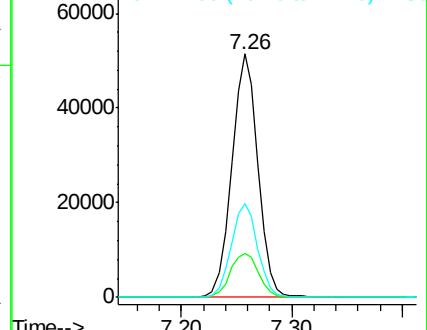
99 100

42 18.0 11.5 17.3#

71 38.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020011.D

Acq: 8 Dec 2015 10:34

Tgt Ion: 136 Resp: 86814

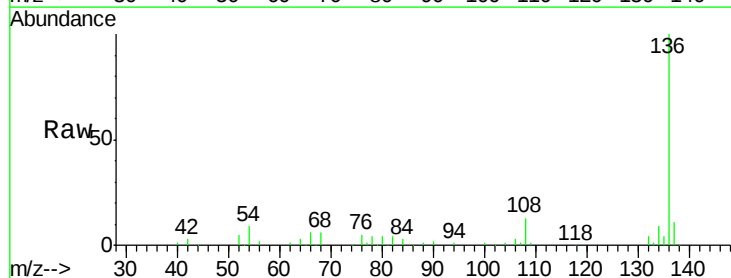
Ion Ratio Lower Upper

136 100

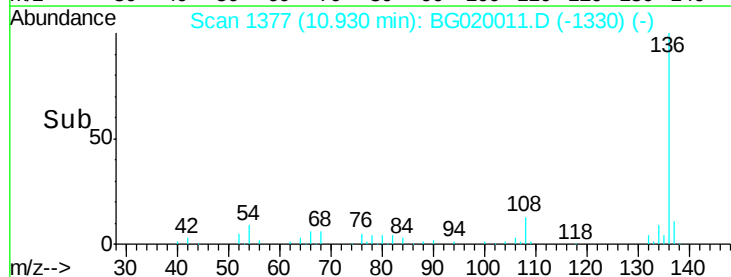
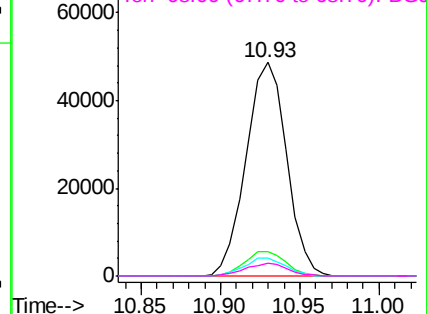
137 11.3 8.6 12.8

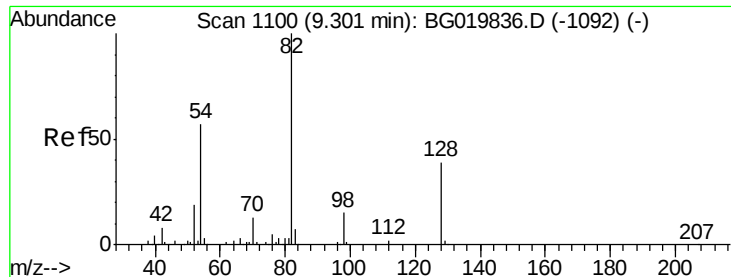
54 8.5 5.4 8.2#

68 6.3 5.3 7.9



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

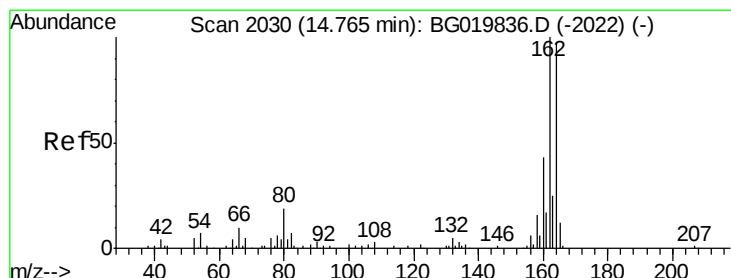
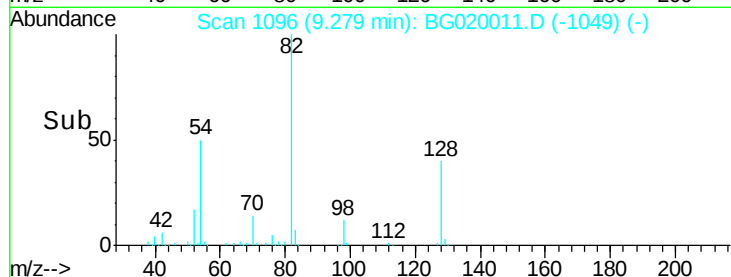
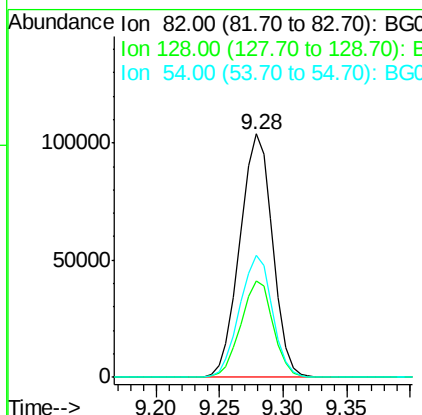
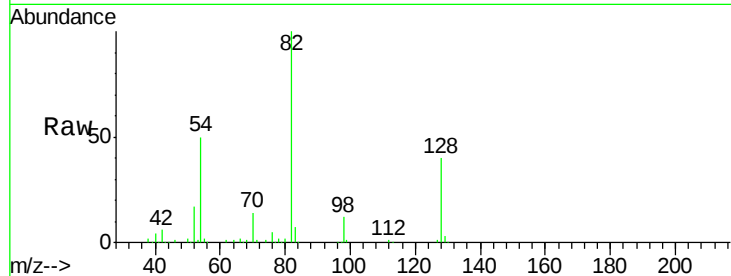




#23
 Nitrobenzene-d5
 Concen: 109.68 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020011.D
 Acq: 8 Dec 2015 10:34

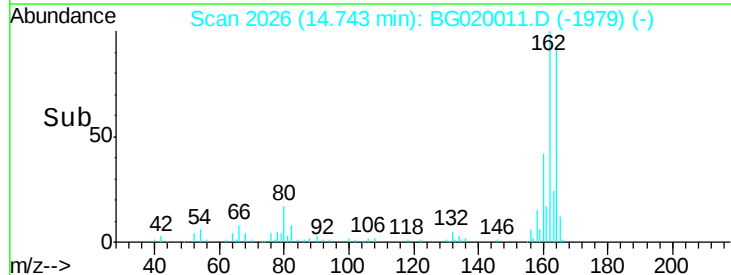
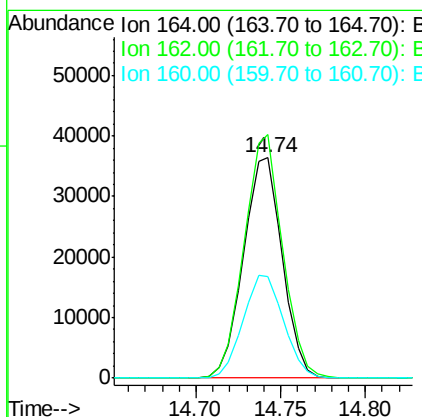
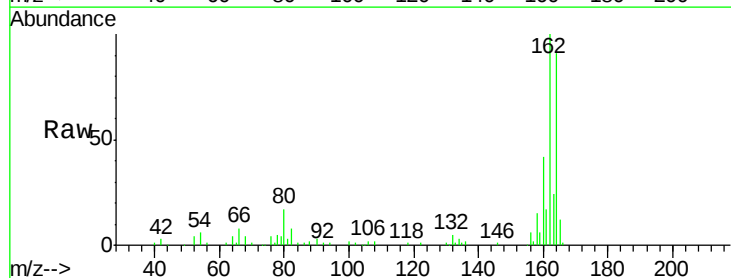
Instrument :
 BNA_G
 ClientSampleId :
 MW-19

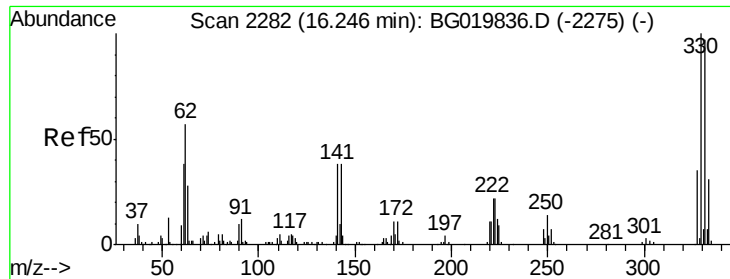
Tgt Ion: 82 Resp: 186571
 Ion Ratio Lower Upper
 82 100
 128 39.6 36.7 55.1
 54 50.3 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020011.D
 Acq: 8 Dec 2015 10:34

Tgt Ion: 164 Resp: 58314
 Ion Ratio Lower Upper
 164 100
 162 110.4 78.8 118.2
 160 45.8 36.4 54.6

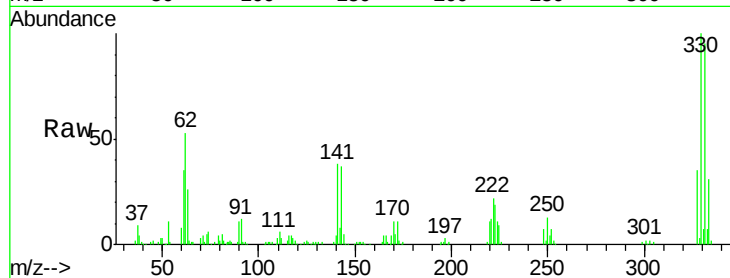




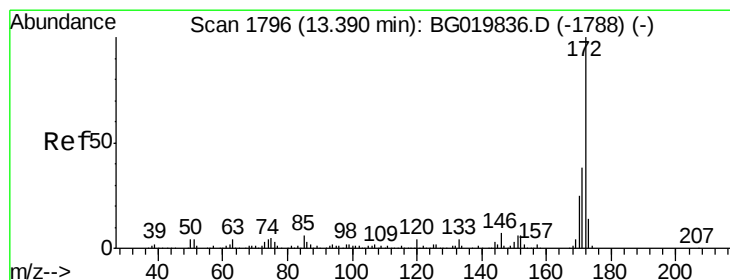
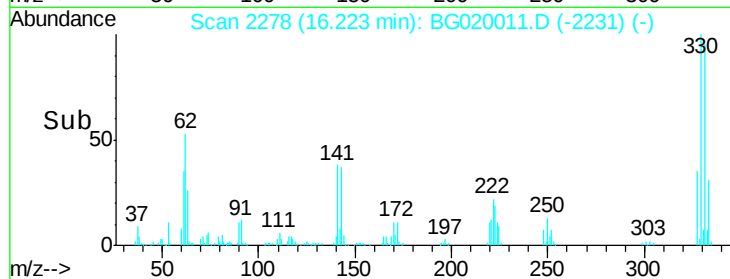
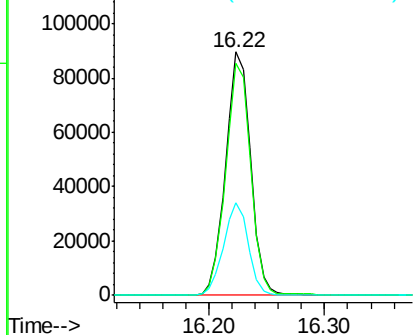
#41
 2,4,6-Tribromophenol
 Concen: 151.00 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020011.D
 Acq: 8 Dec 2015 10:34

Instrument :
 BNA_G
 ClientSampleId :
 MW-19

Tgt Ion:330 Resp: 134728
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.1 117.1
 141 37.7 28.2 42.2

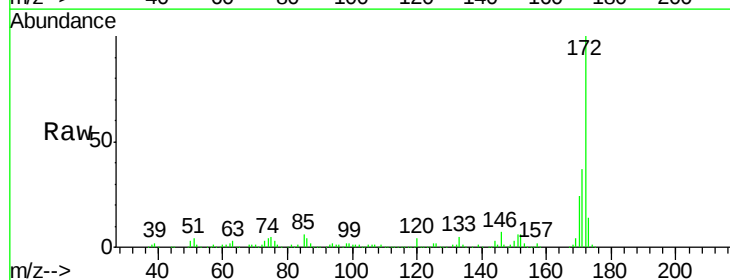


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

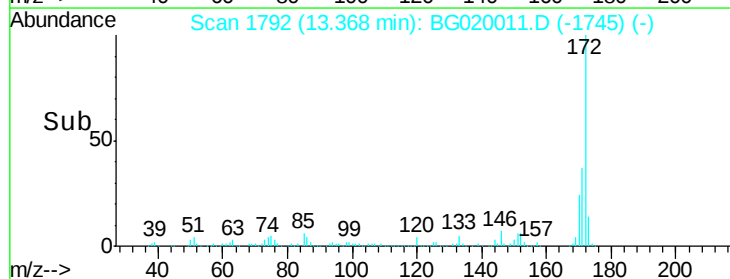
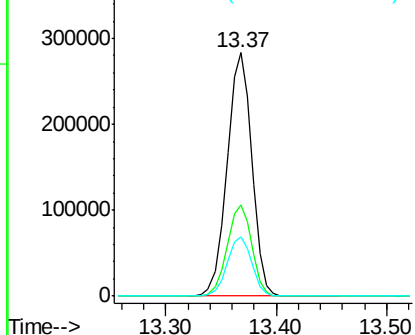


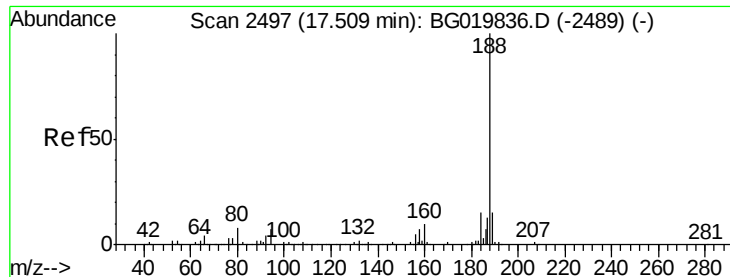
#44
 2-Fluorobiphenyl
 Concen: 103.93 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020011.D
 Acq: 8 Dec 2015 10:34

Tgt Ion:172 Resp: 443853
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 24.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020011.D

Acq: 8 Dec 2015 10:34

Instrument :

BNA_G

ClientSampleId :

MW-19

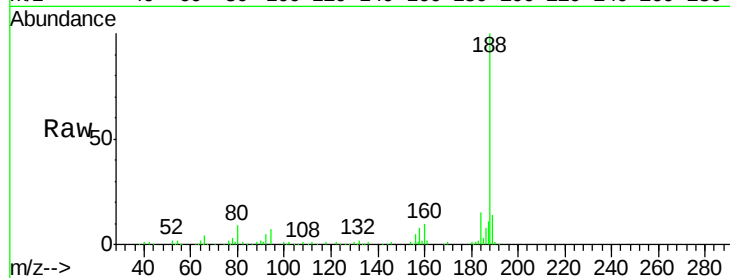
Tgt Ion:188 Resp: 145117

Ion Ratio Lower Upper

188 100

94 7.0 7.7 11.5#

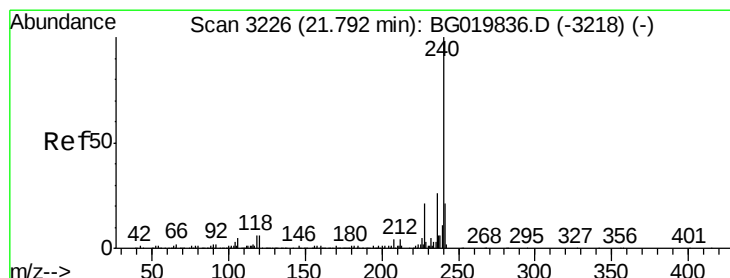
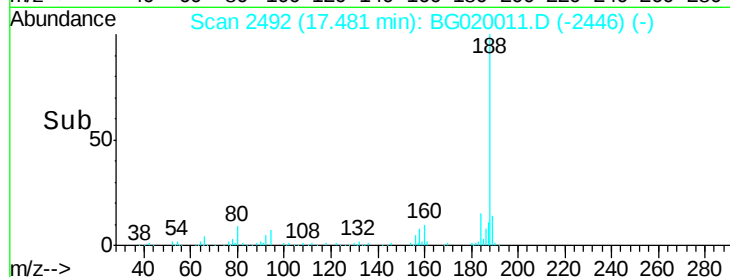
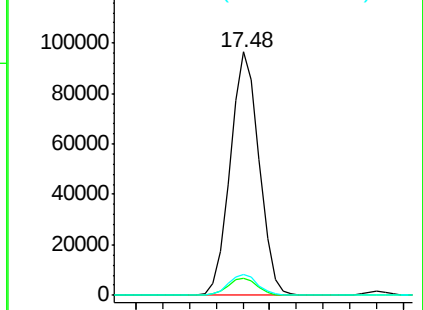
80 8.6 7.8 11.8



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: BG020011.D

Acq: 8 Dec 2015 10:34

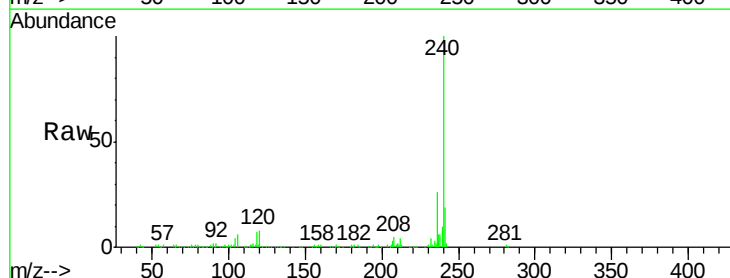
Tgt Ion:240 Resp: 175086

Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

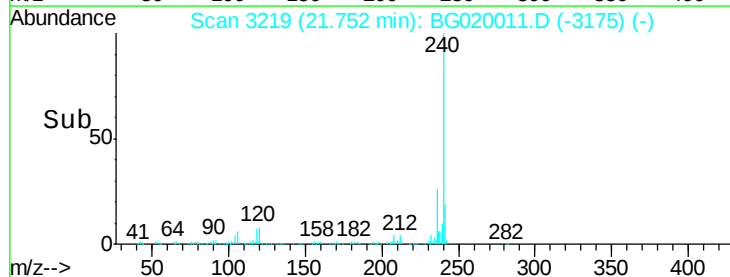
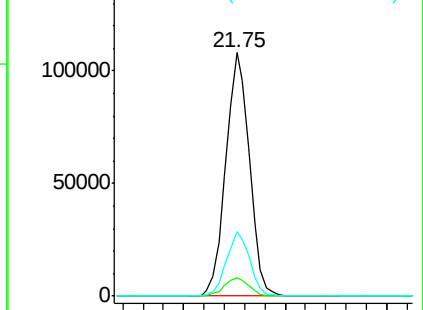
236 26.5 20.7 31.1

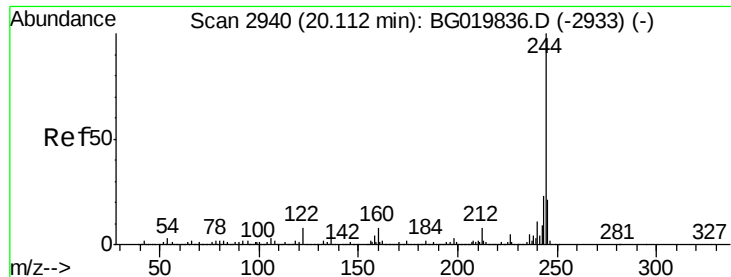


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

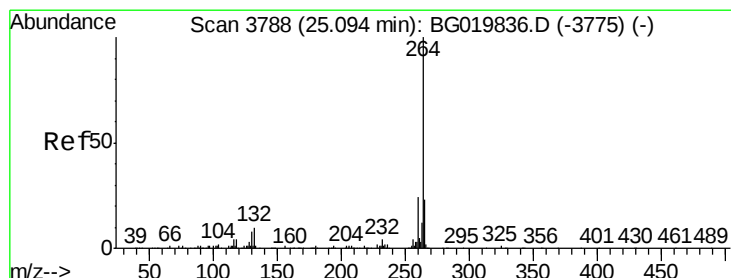
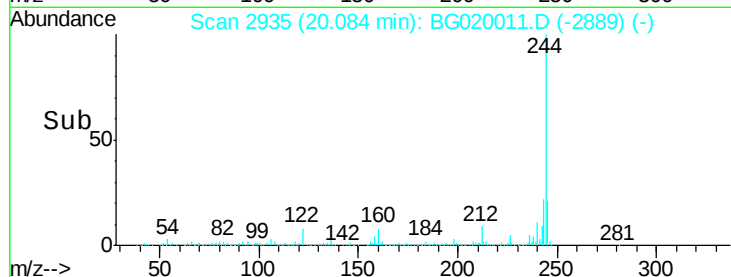
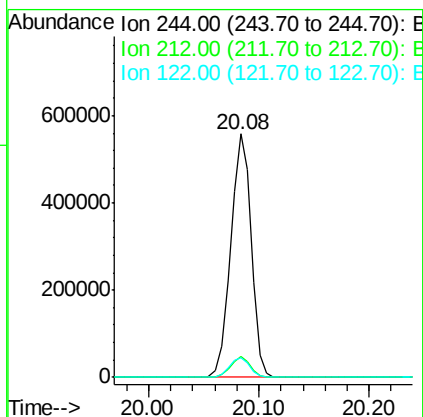
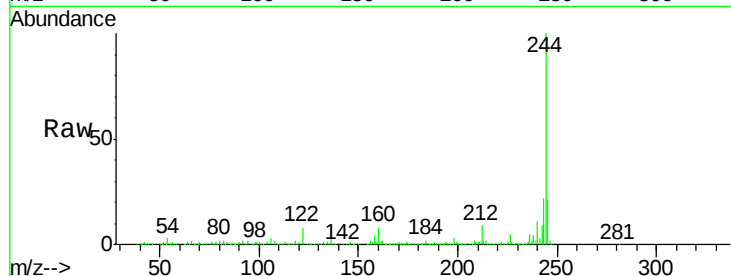




#78
 Terphenyl-d14
 Concen: 101.18 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020011.D
 Acq: 8 Dec 2015 10:34

Instrument :
 BNA_G
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 MW-19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	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: BG020011.D
 Acq: 8 Dec 2015 10:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.1	17.2	25.8

