

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022257.D
 Acq On : 9 Jun 2016 7:05
 Operator : UM/SJ
 Sample : H3381-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-20

Quant Time: Jun 09 07:44:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

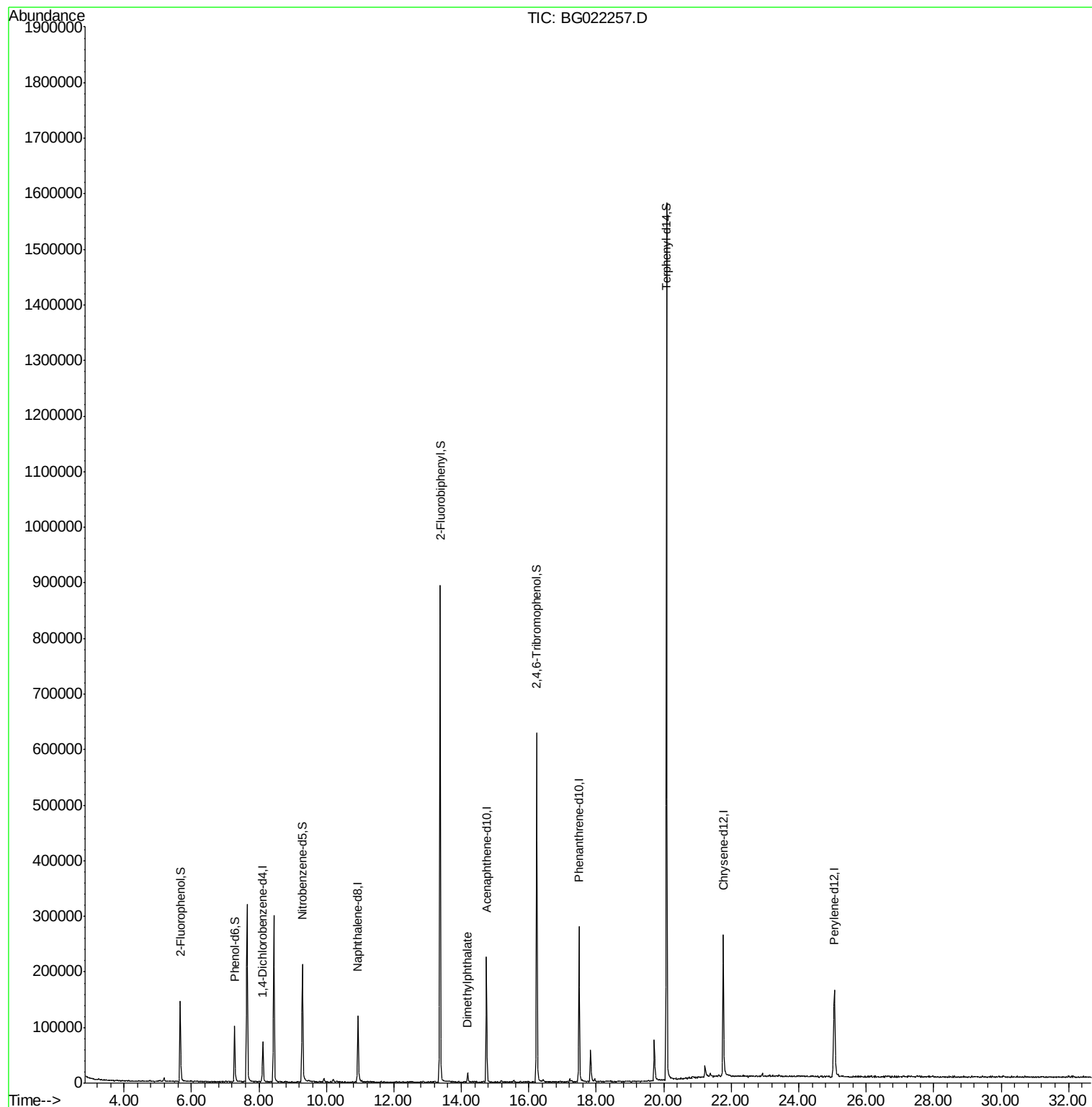
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27454	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	135662	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	87673	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	193337	20.00	ng	0.00
75) Chrysene-d12	21.76	240	182418	20.00	ng	-0.01
86) Perylene-d12	25.06	264	172902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	102020	71.85	ng	0.00
7) Phenol-d6	7.28	99	93197	41.74	ng	0.00
23) Nitrobenzene-d5	9.29	82	177023	90.97	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	143065	144.41	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	533193	92.68	ng	0.00
78) Terphenyl-d14	20.09	244	790965	102.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	15313	2.11	ng	Qvalue # 98

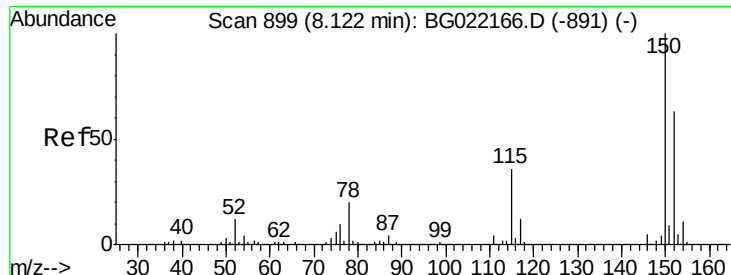
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022257.D

Acq: 9 Jun 2016 7:05

Instrument :

BNA_G

ClientSampleId :

W-20

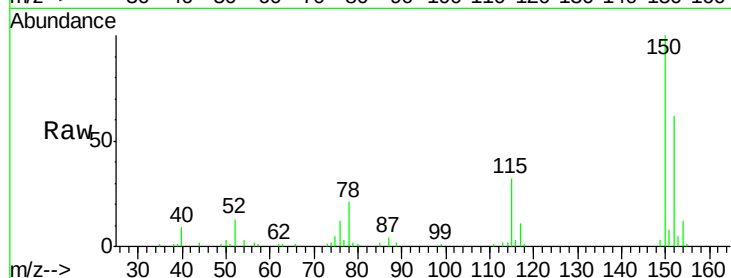
Tot Ion:152 Resp: 27454

Ion Ratio Lower Upper

152 100

150 160.5 130.1 195.1

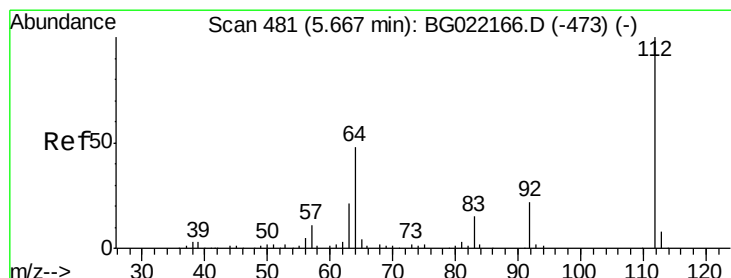
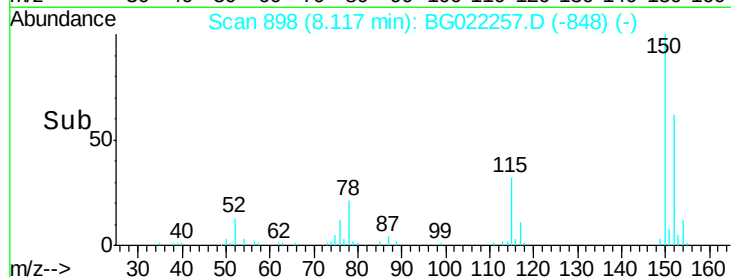
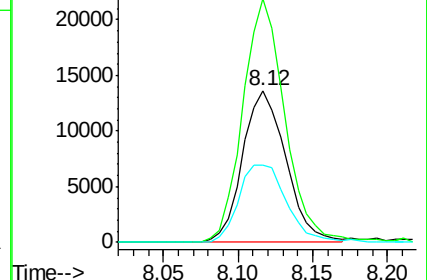
115 51.3 62.2 93.2#



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: 71.85 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022257.D

Acq: 9 Jun 2016 7:05

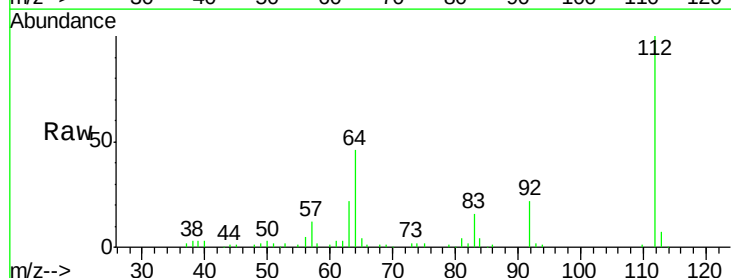
Tgt Ion:112 Resp: 102020

Ion Ratio Lower Upper

112 100

64 46.4 51.1 76.7#

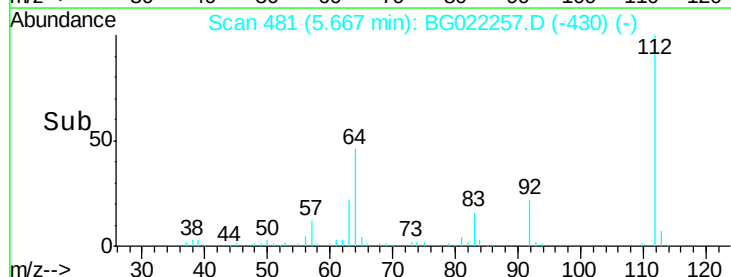
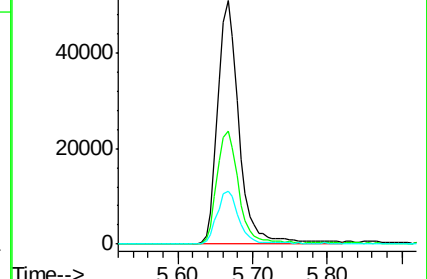
63 21.5 24.6 37.0#

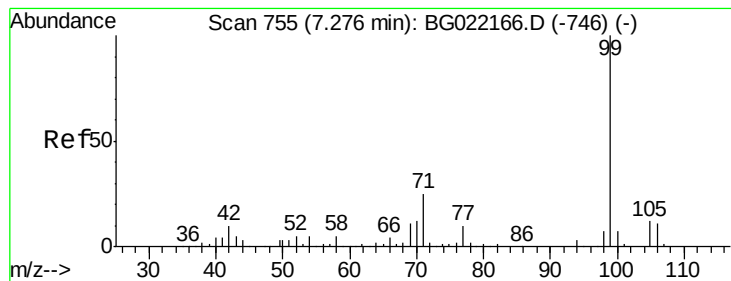


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.74 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022257.D

Acq: 9 Jun 2016 7:05

Instrument :

BNA_G

ClientSampleId :

W-20

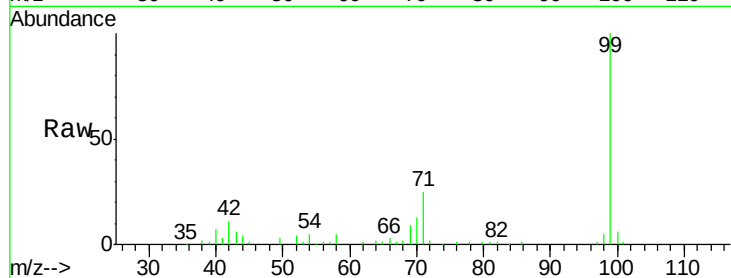
Tot Ion: 99 Resp: 93197

Ion Ratio Lower Upper

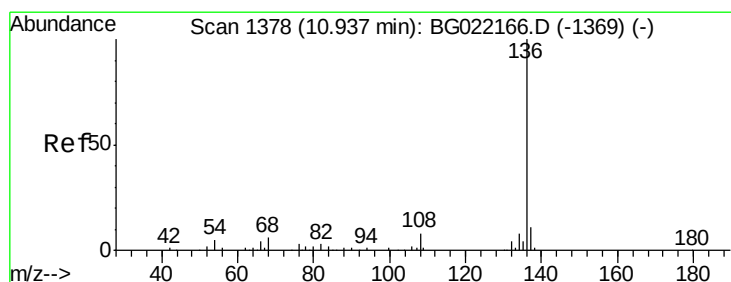
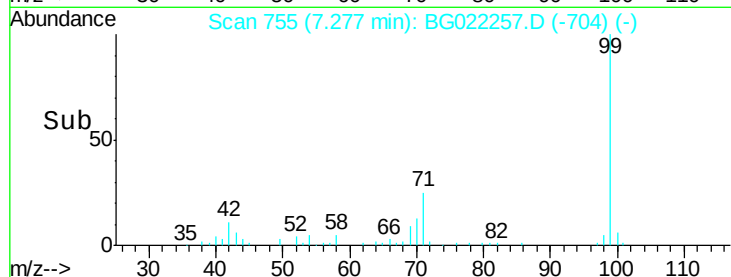
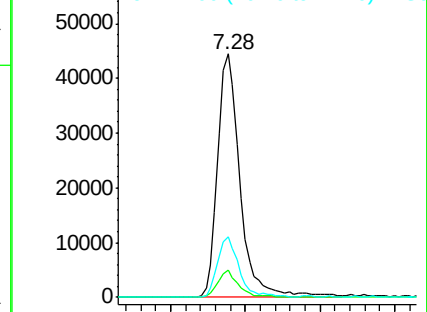
99 100

42 11.0 16.4 24.6#

71 24.8 25.0 37.4#



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: 10.94 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG022257.D

Acq: 9 Jun 2016 7:05

Tgt Ion: 136 Resp: 135662

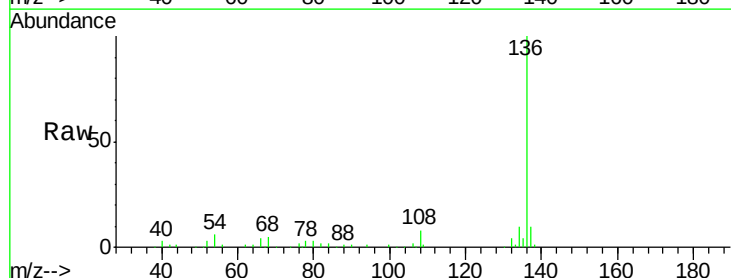
Ion Ratio Lower Upper

136 100

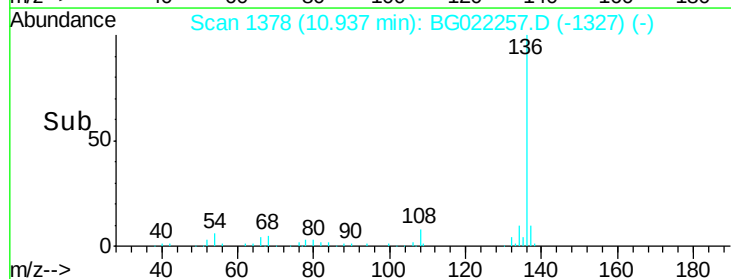
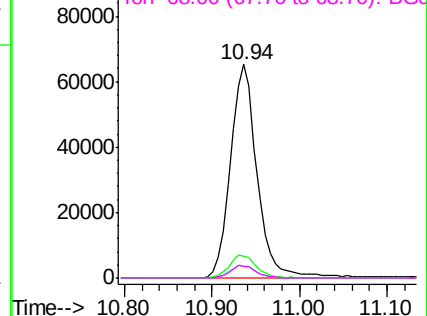
137 10.1 9.0 13.4

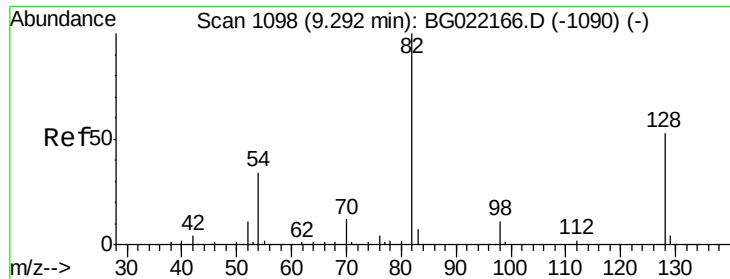
54 5.7 9.6 14.4#

68 5.2 6.4 9.6#



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

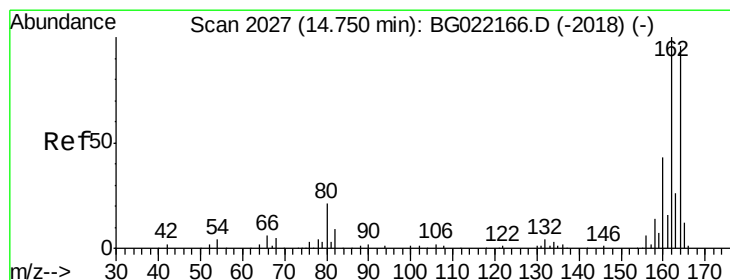
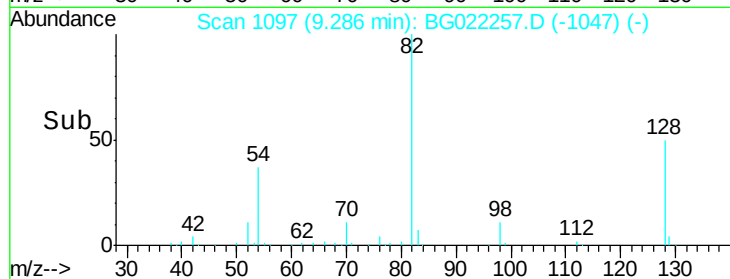
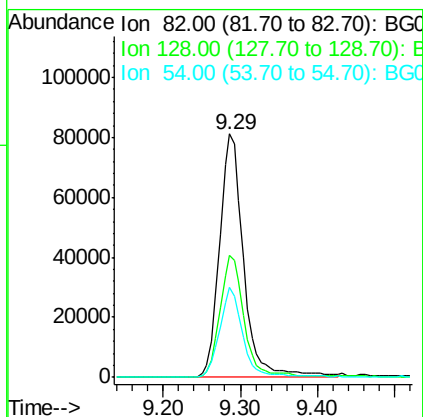
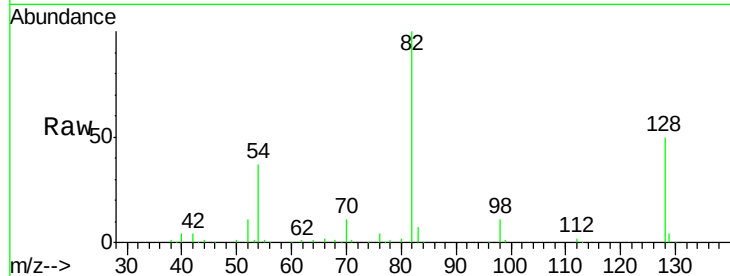




#23
Nitrobenzene-d5
Concen: 90.97 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG022257.D
Acq: 9 Jun 2016 7:05

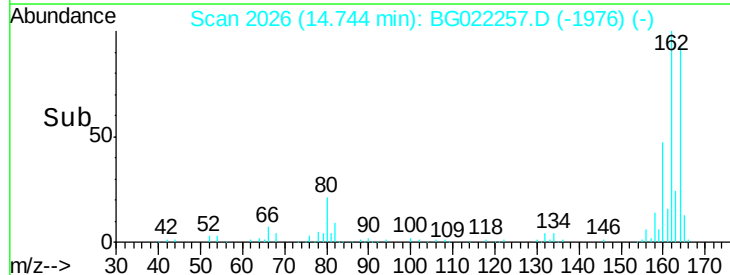
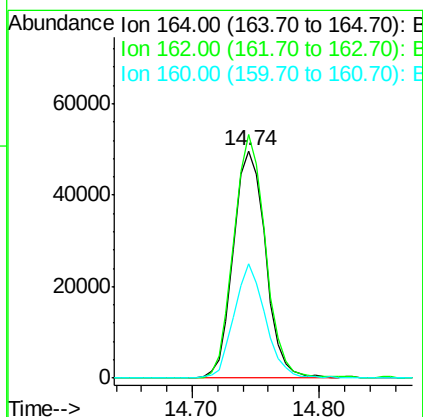
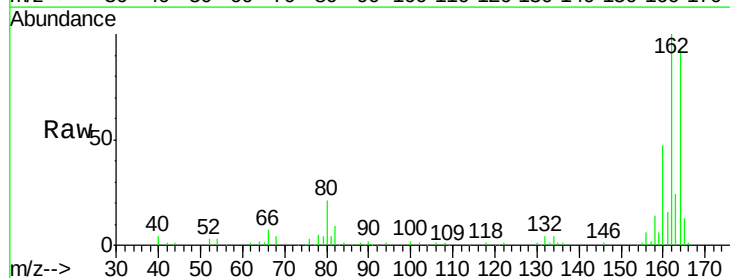
Instrument :
BNA_G
ClientSampleId :
W-20

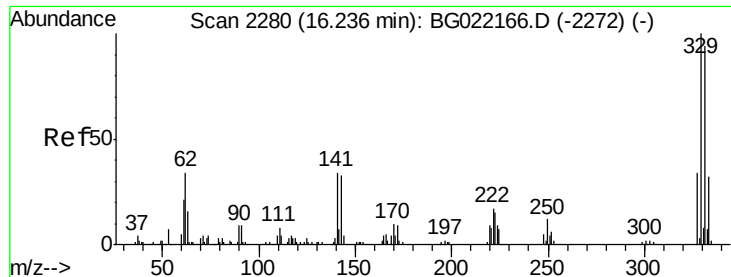
Tot Ion: 82 Resp: 177023
Ion Ratio Lower Upper
82 100
128 50.4 33.4 50.0#
54 37.1 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022257.D
Acq: 9 Jun 2016 7:05

Tgt Ion:164 Resp: 87673
Ion Ratio Lower Upper
164 100
162 107.0 78.0 117.0
160 50.2 32.9 49.3#

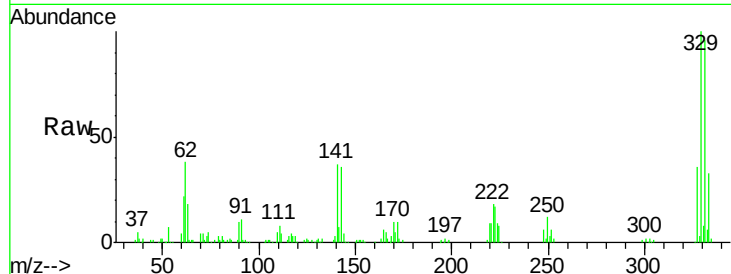




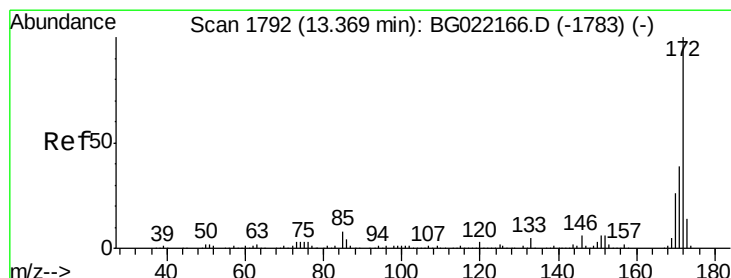
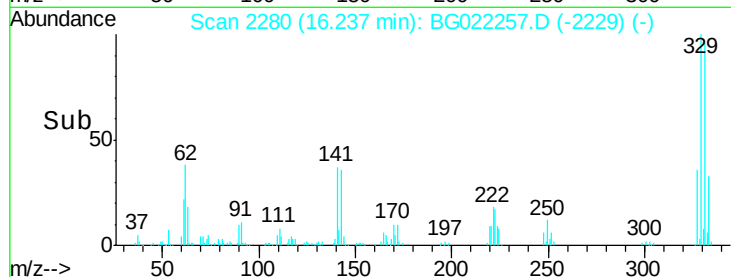
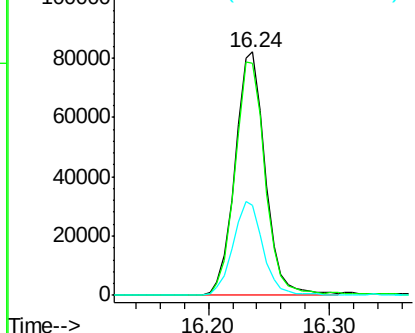
#41
 2,4,6-Tribromophenol
 Concen: 144.41 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022257.D
 Acq: 9 Jun 2016 7:05

Instrument :
 BNA_G
 ClientSampleId :
 W-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	38.7	33.8	50.8

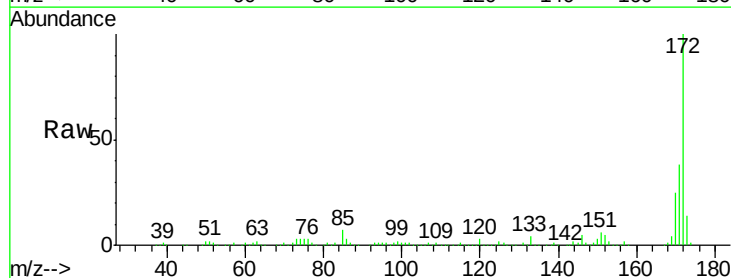


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

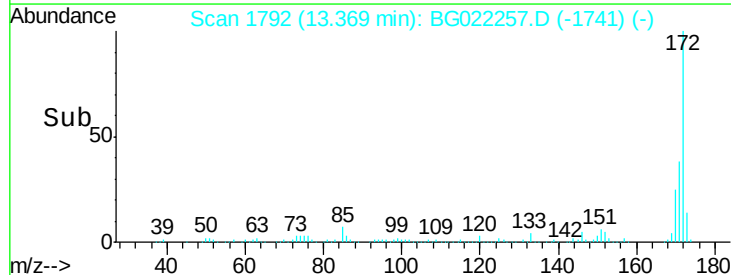
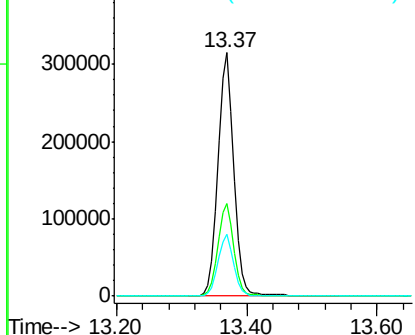


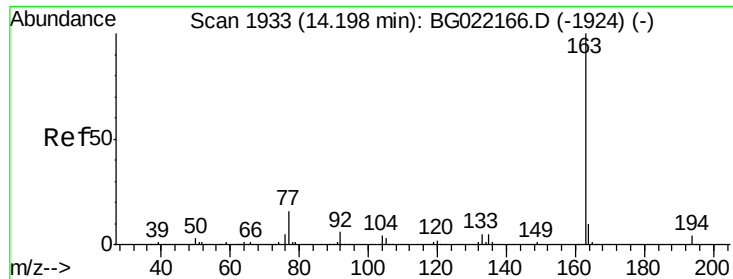
#44
 2-Fluorobiphenyl
 Concen: 92.68 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022257.D
 Acq: 9 Jun 2016 7:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	25.3	19.6	29.4



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

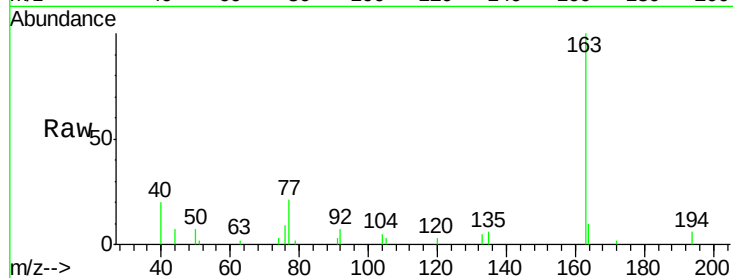




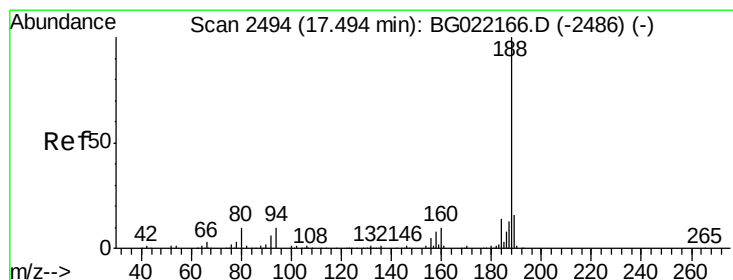
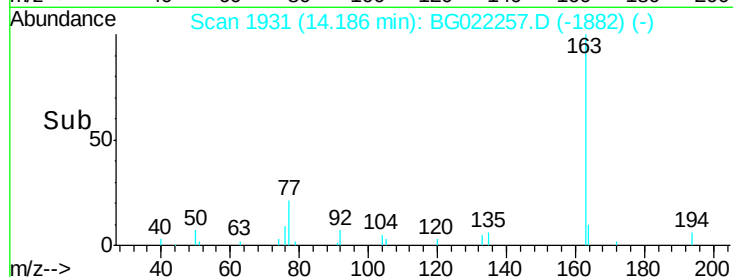
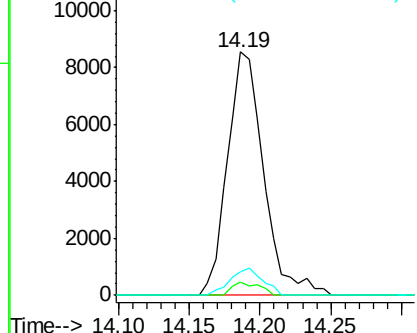
#49
Dimethylphthalate
Concen: 2.11 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG022257.D
Acq: 9 Jun 2016 7:05

Instrument :
BNA_G
ClientSampleId :
W-20

Tot Ion:163 Resp: 15313
Ion Ratio Lower Upper
163 100
194 5.5 3.0 4.6#
164 9.8 8.1 12.1

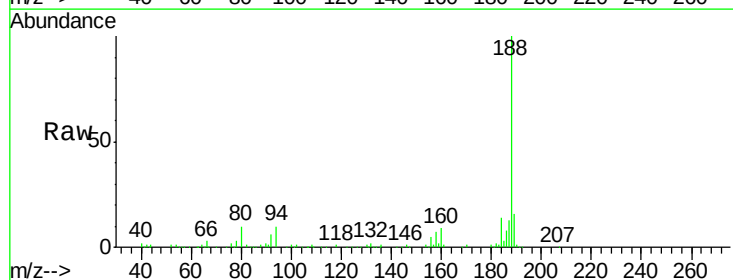


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

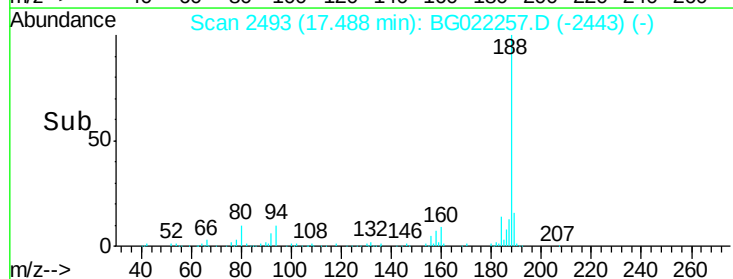
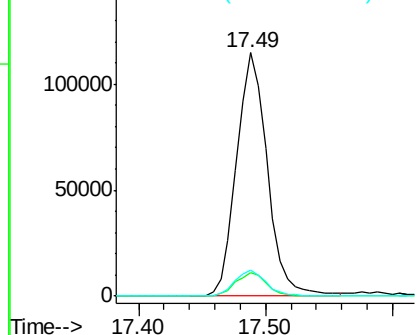


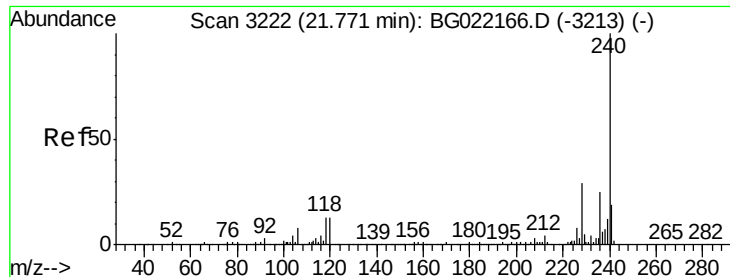
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022257.D
Acq: 9 Jun 2016 7:05

Tgt Ion:188 Resp: 193337
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.5 8.6 13.0



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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022257.D

Acq: 9 Jun 2016 7:05

Instrument :

BNA_G

ClientSampleId :

W-20

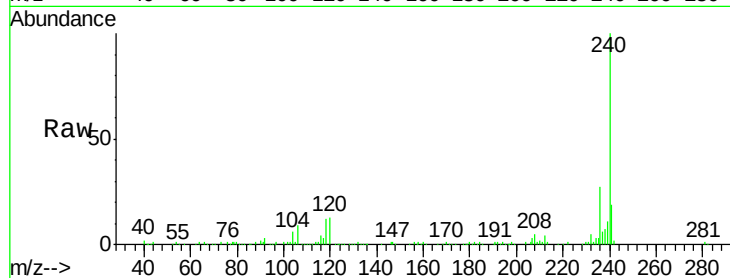
Tot Ion:240 Resp: 182418

Ion Ratio Lower Upper

240 100

120 13.2 8.4 12.6#

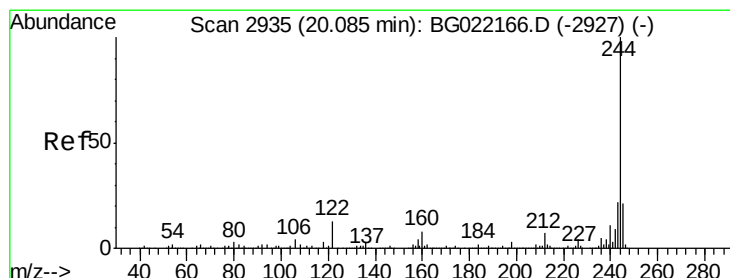
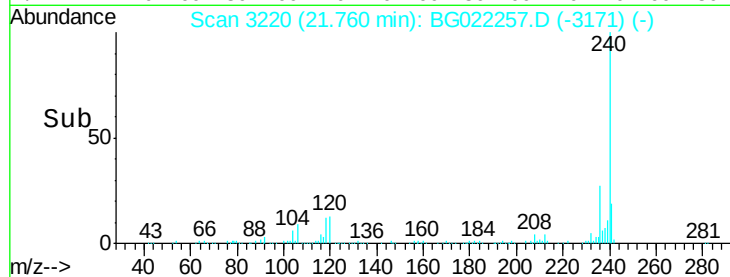
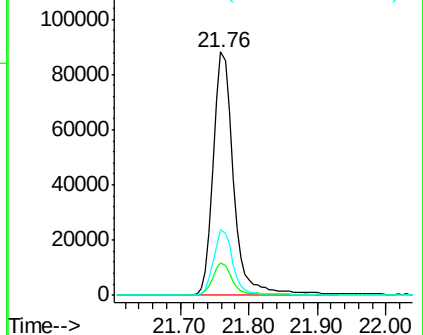
236 26.8 19.6 29.4



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: 102.94 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022257.D

Acq: 9 Jun 2016 7:05

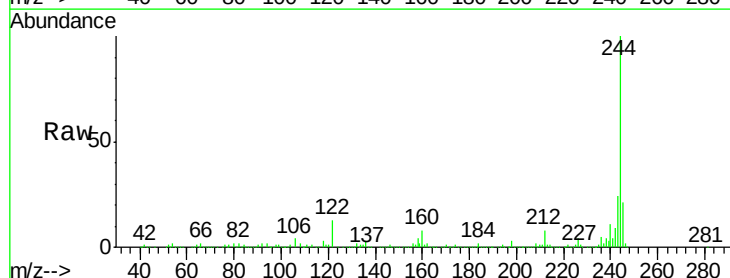
Tgt Ion:244 Resp: 790965

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

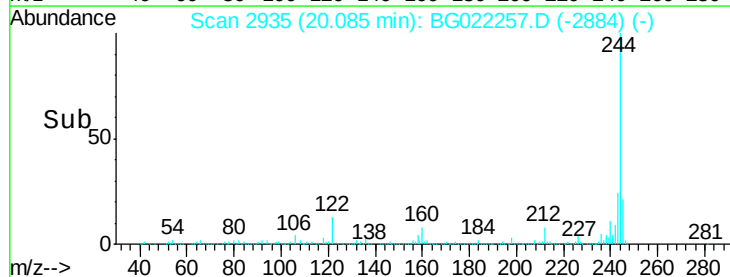
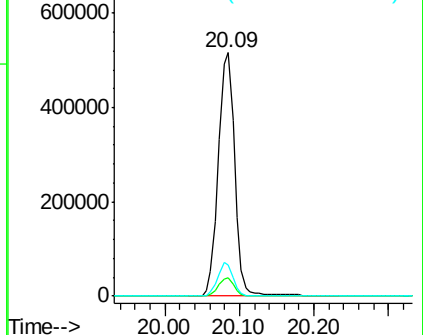
122 12.7 8.6 12.8

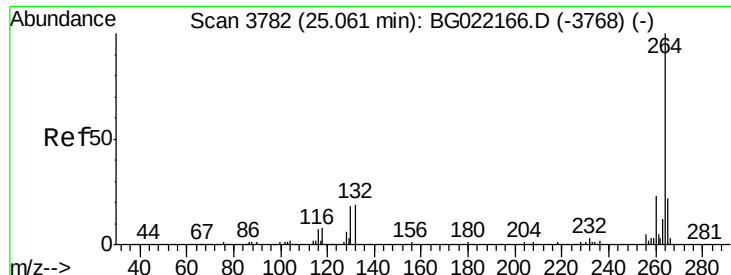


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

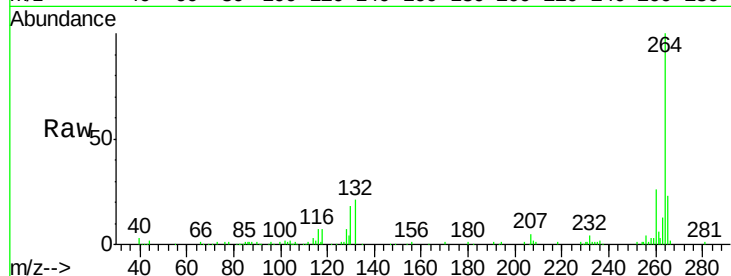




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022257.D
Acq: 9 Jun 2016 7:05

Instrument :
BNA_G
ClientSampleId :
W-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.4
265	22.7	17.8	26.8



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

