

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022617.D
 Acq On : 26 Jun 2016 20:04
 Operator : UM/SJ
 Sample : H3741-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Jun 27 02:05:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

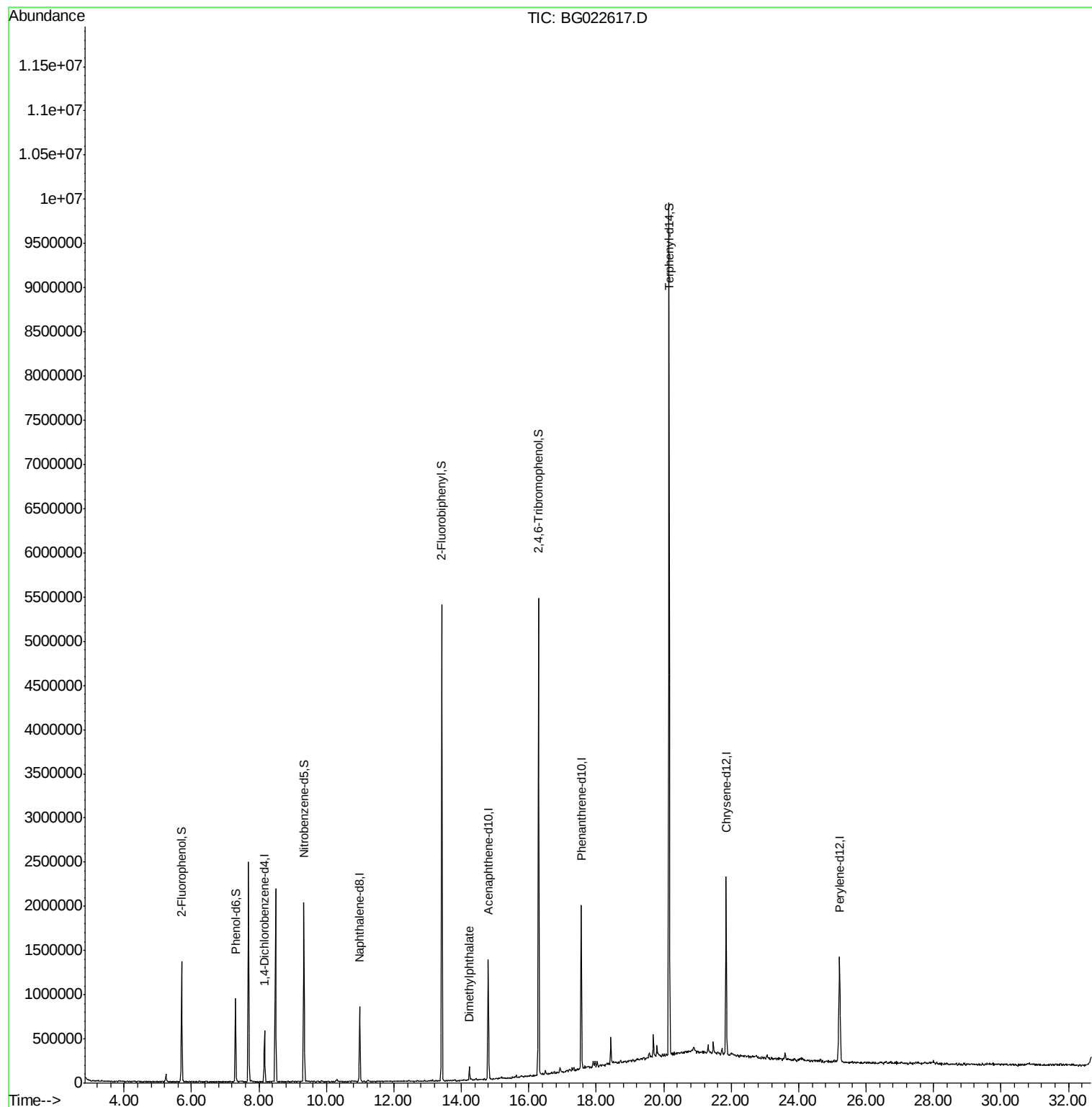
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	149569	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	642353	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	447895	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1108502	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1267558	20.00	ng	0.00
86) Perylene-d12	25.21	264	1321220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	550361	59.02	ng	0.00
7) Phenol-d6	7.30	99	535521	40.74	ng	0.00
23) Nitrobenzene-d5	9.33	82	1306815	86.10	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	997550	141.60	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2465843	87.31	ng	0.00
78) Terphenyl-d14	20.16	244	3324057	69.48	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	88264	2.38	ng	Qvalue # 97

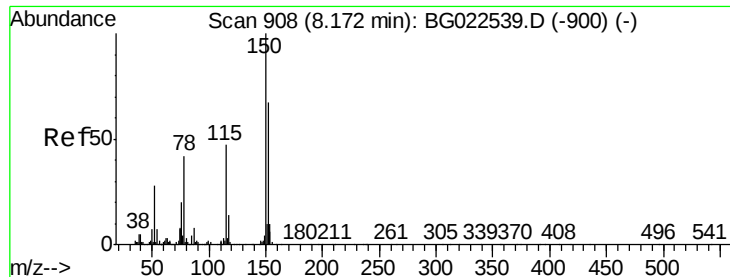
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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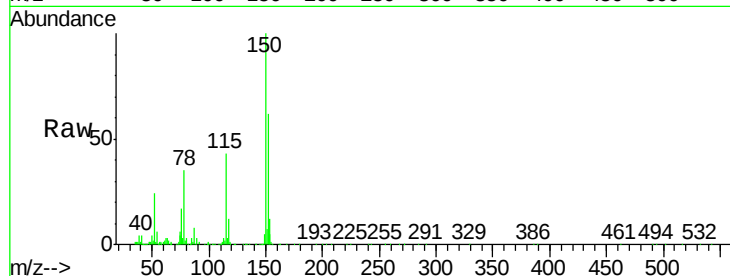


#1

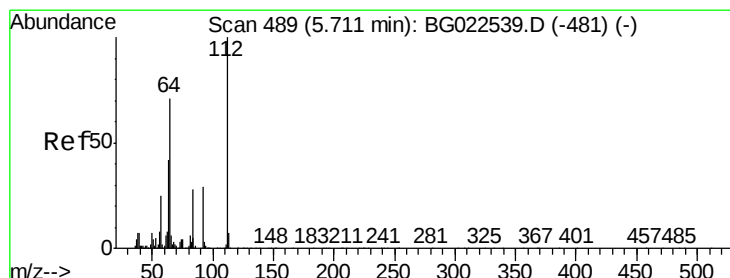
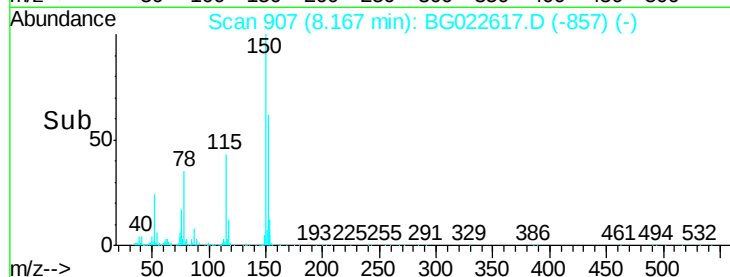
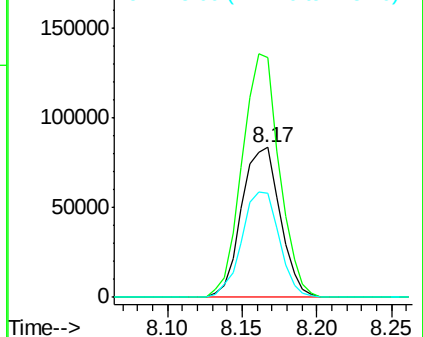
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022617.D
Acq: 26 Jun 2016 20:04

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	144.7	217.1
115	69.1	64.0	96.0



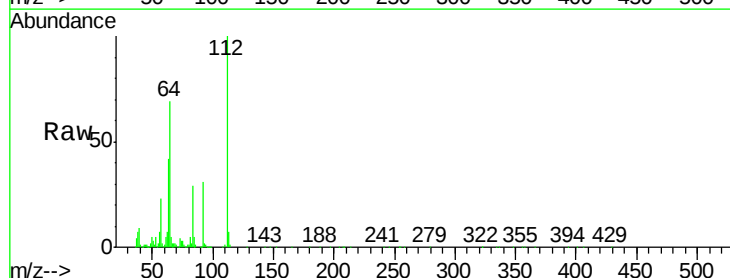
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



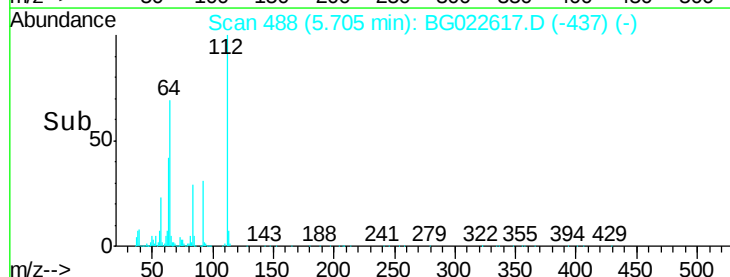
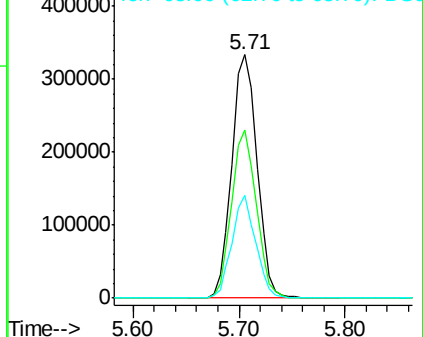
#5

2-Fluorophenol
Concen: 59.02 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022617.D
Acq: 26 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	59.0	88.4
63	42.2	37.8	56.8



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: 40.74 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022617.D

Acq: 26 Jun 2016 20:04

Instrument :

BNA_G

ClientSampleId :

MW-02

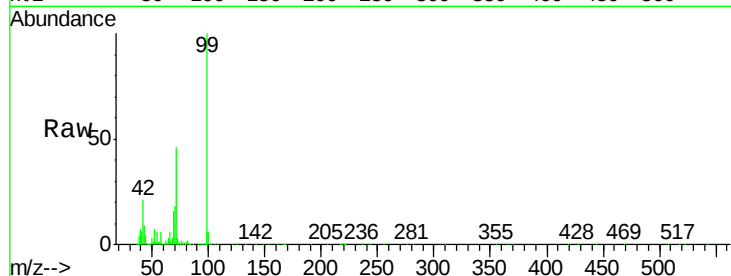
Tgt Ion: 99 Resp: 53521

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

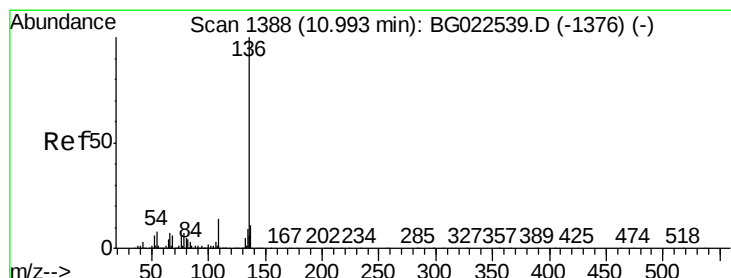
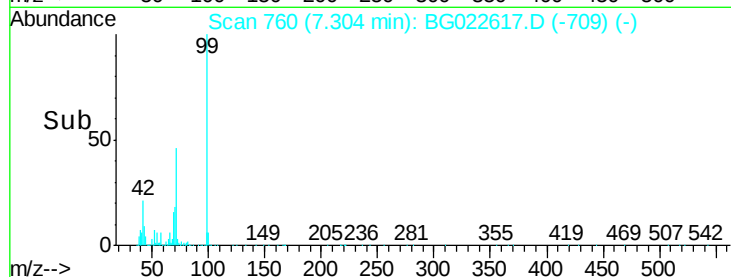
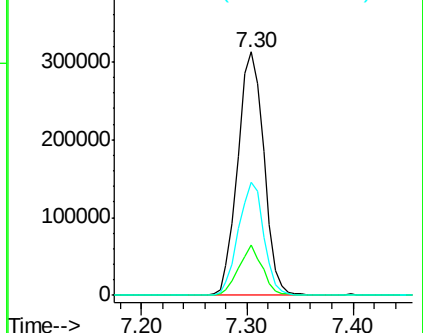
71 46.2 41.5 62.3



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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022617.D

Acq: 26 Jun 2016 20:04

Tgt Ion: 136 Resp: 642353

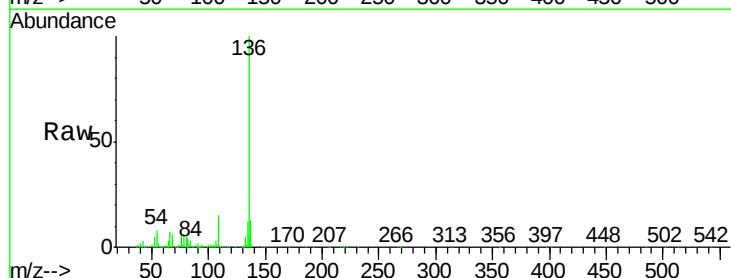
Ion Ratio Lower Upper

136 100

137 12.6 9.6 14.4

54 8.2 7.3 10.9

68 6.3 5.3 7.9

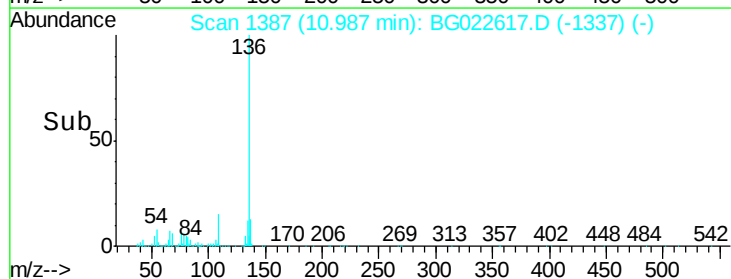
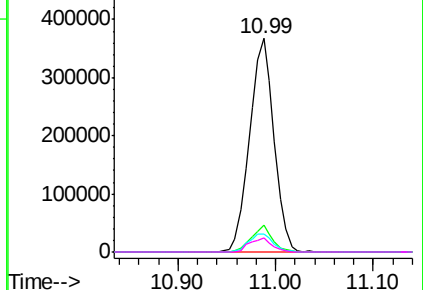


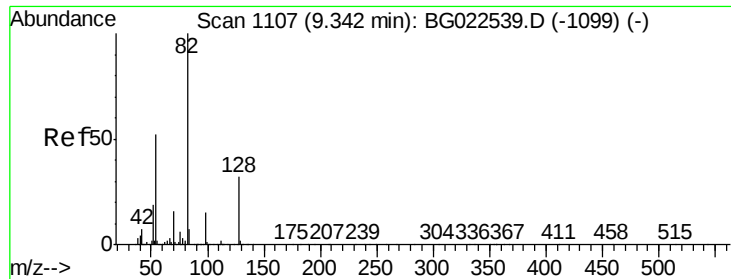
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

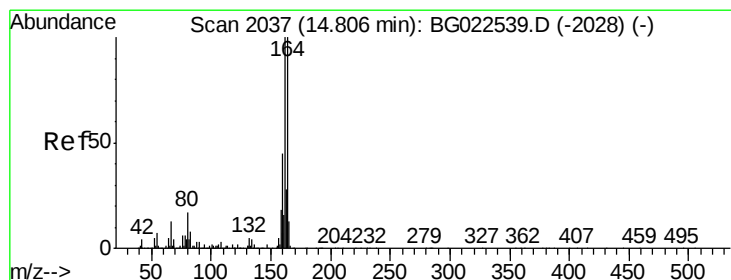
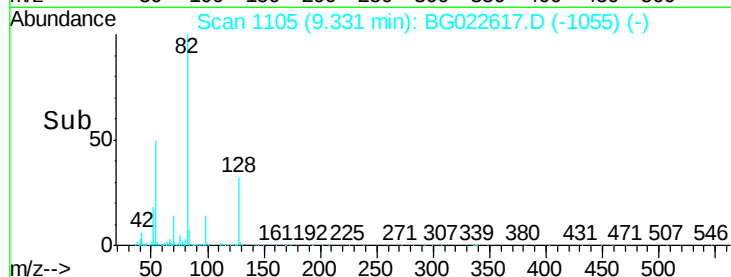
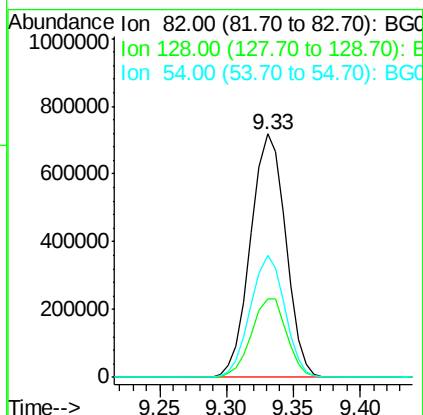
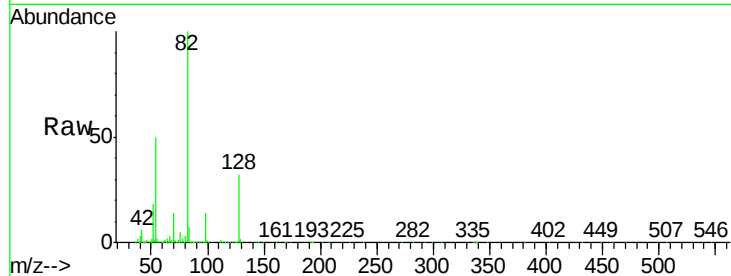




#23
 Nitrobenzene-d5
 Concen: 86.10 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022617.D
 Acq: 26 Jun 2016 20:04

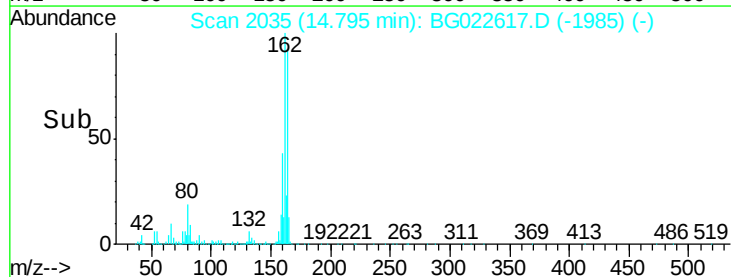
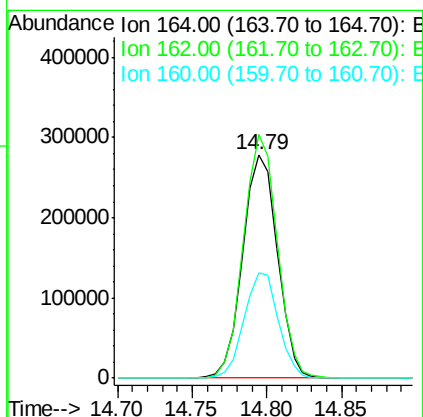
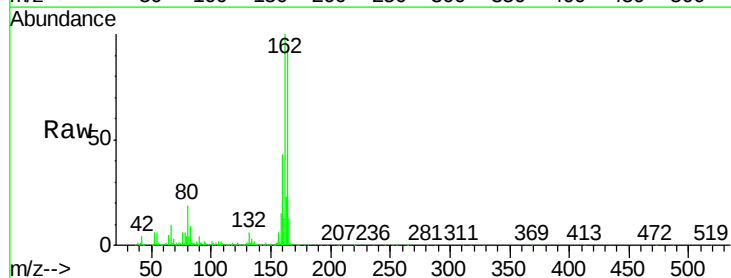
Instrument :
 BNA_G
 ClientSampleId :
 MW-02

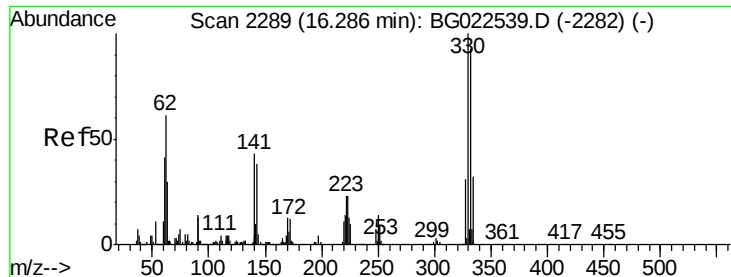
Tgt Ion: 82 Resp: 1306815
 Ion Ratio Lower Upper
 82 100
 128 32.5 24.4 36.6
 54 50.0 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG022617.D
 Acq: 26 Jun 2016 20:04

Tgt Ion: 164 Resp: 447895
 Ion Ratio Lower Upper
 164 100
 162 108.9 87.7 131.5
 160 47.3 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 141.60 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022617.D

Acq: 26 Jun 2016 20:04

Instrument :

BNA_G

ClientSampleId :

MW-02

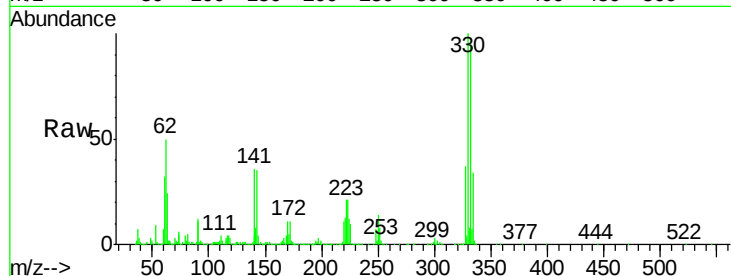
Tgt Ion:330 Resp: 997550

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

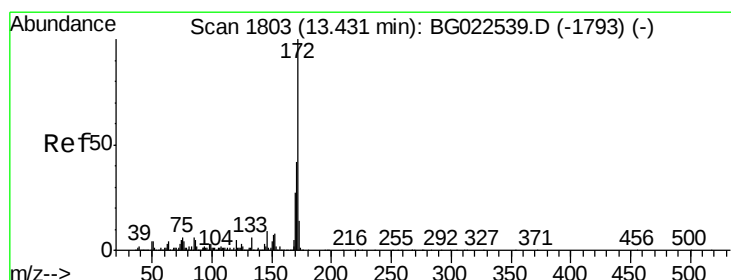
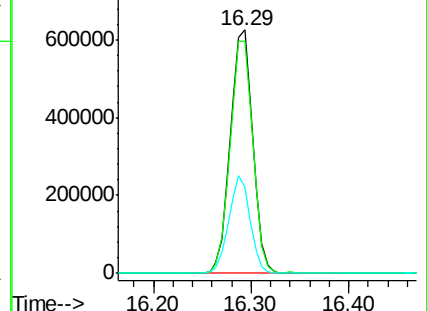
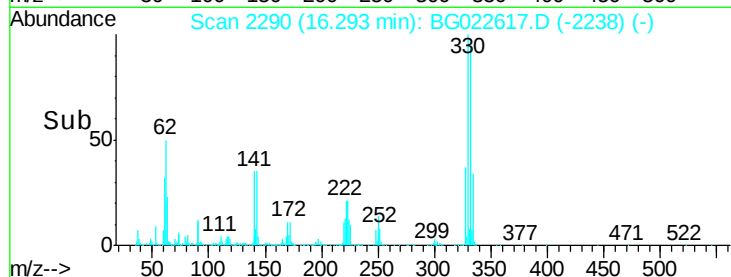
141 38.3 31.7 47.5



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: 87.31 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022617.D

Acq: 26 Jun 2016 20:04

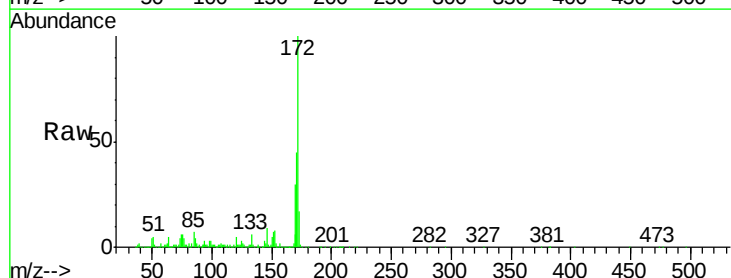
Tgt Ion:172 Resp: 2465843

Ion Ratio Lower Upper

172 100

171 44.9 31.6 47.4

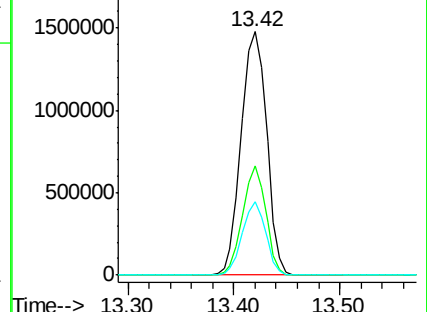
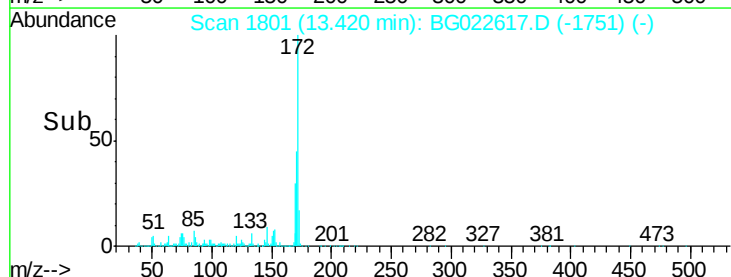
170 30.2 21.3 31.9

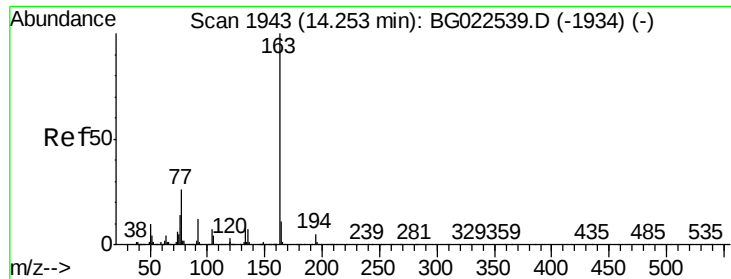


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

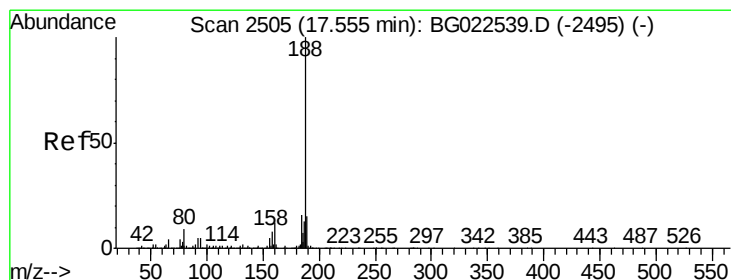
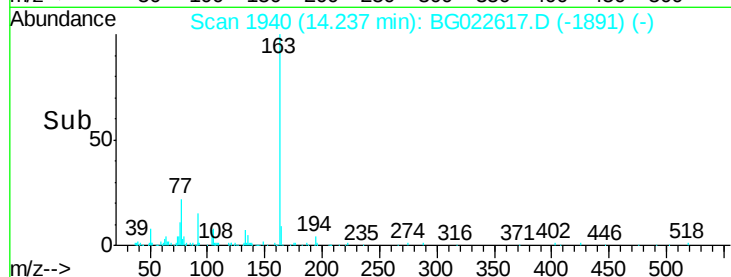
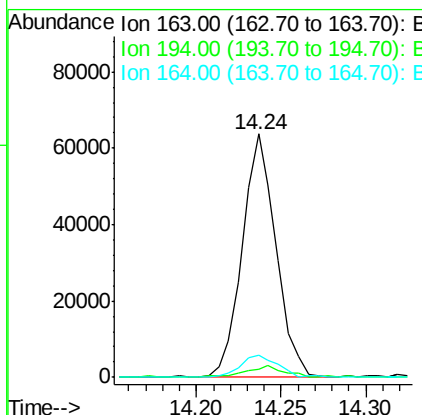
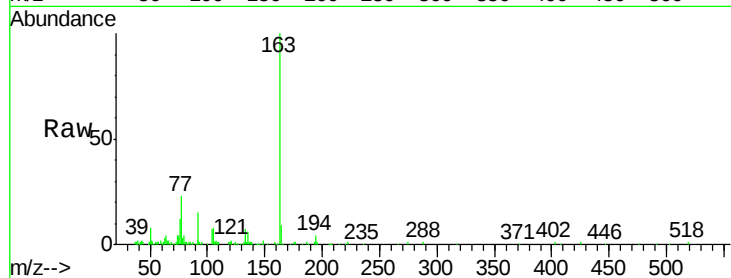




#49
Dimethylphthalate
Concen: 2.38 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022617.D
Acq: 26 Jun 2016 20:04

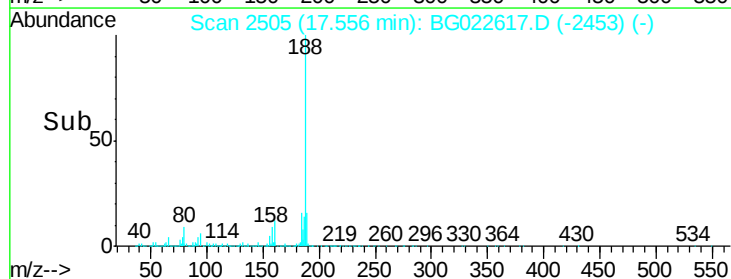
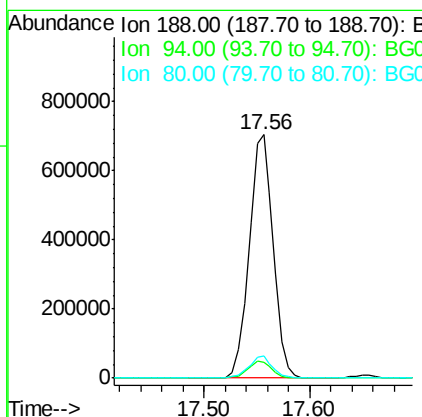
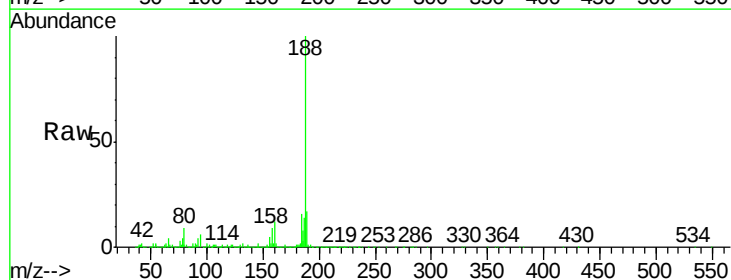
Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:163 Resp: 88264
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4#
164 9.0 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022617.D
Acq: 26 Jun 2016 20:04

Tgt Ion:188 Resp: 1108502
Ion Ratio Lower Upper
188 100
94 6.3 5.2 7.8
80 9.1 7.2 10.8

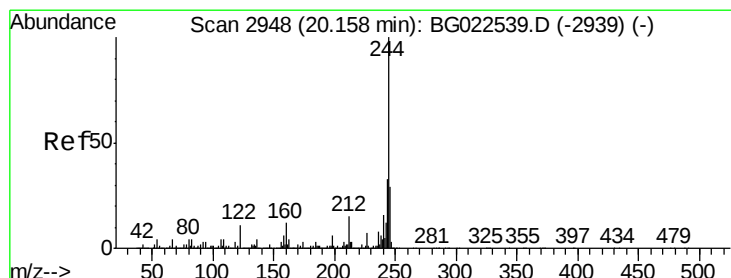
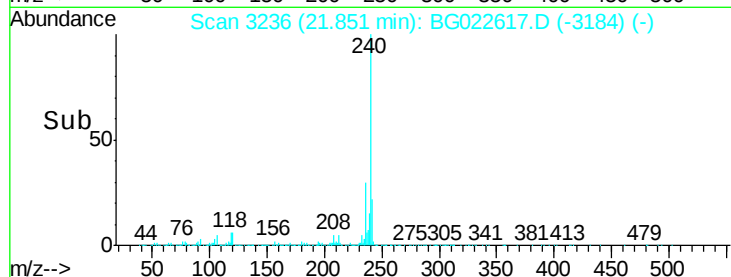
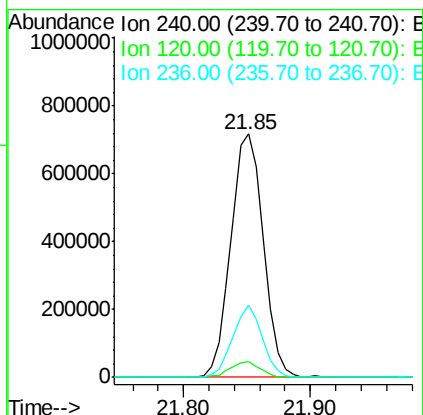
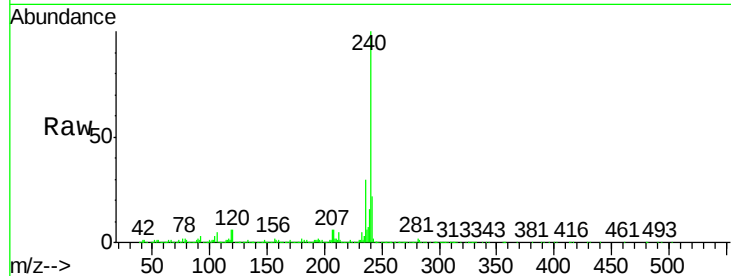




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022617.D
Acq: 26 Jun 2016 20:04

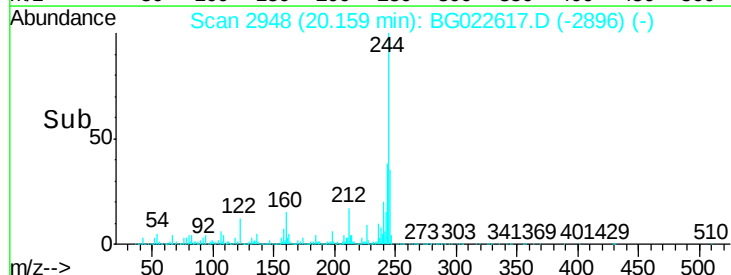
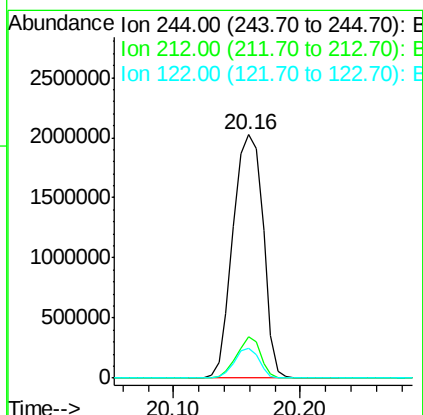
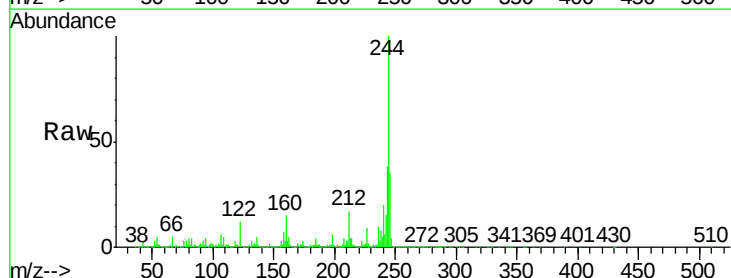
Instrument :
BNA_G
ClientSampleId :
MW-02

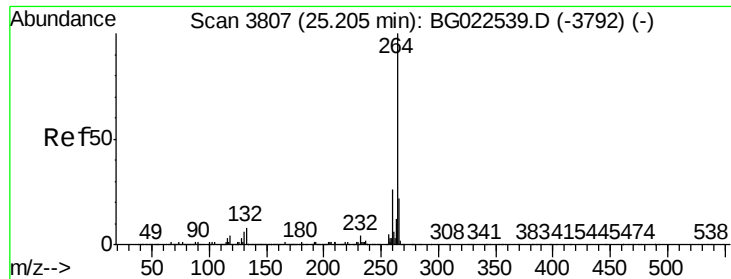
Tgt Ion:240 Resp: 1267558
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 29.8 21.1 31.7



#78
Terphenyl-d14
Concen: 69.48 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022617.D
Acq: 26 Jun 2016 20:04

Tgt Ion:244 Resp: 3324057
Ion Ratio Lower Upper
244 100
212 16.8 10.8 16.2#
122 12.3 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022617.D
Acq: 26 Jun 2016 20:04

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:264 Resp: 1321220

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	23.0	18.9	28.3

