

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025941.D
 Acq On : 24 Feb 2017 20:59
 Operator : SJ/MA
 Sample : I1980-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2R

Quant Time: Feb 24 22:41:54 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

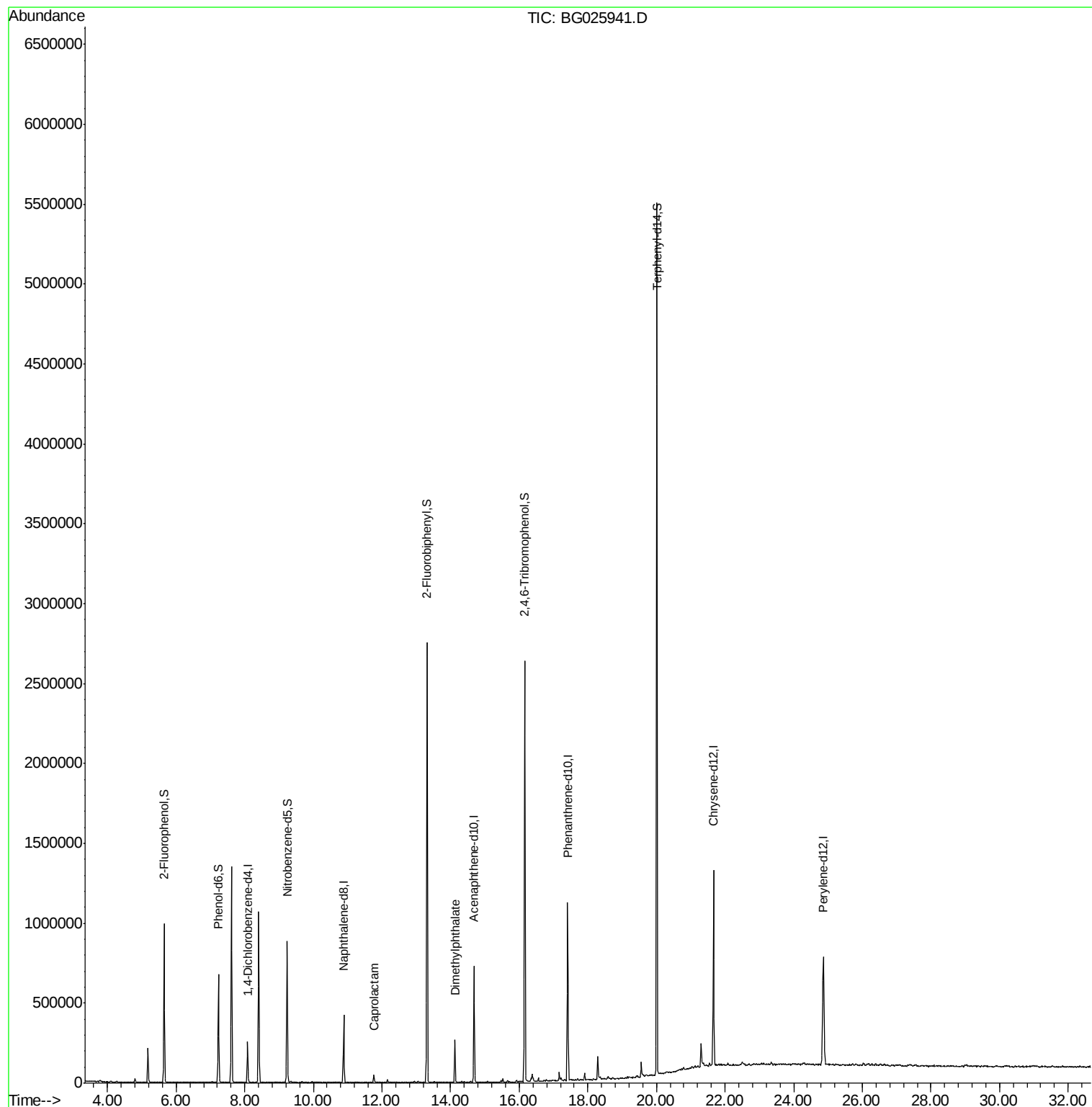
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	77849	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	368585	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	249158	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	688081	20.00	ng	0.00
75) Chrysene-d12	21.66	240	726485	20.00	ng	-0.02
86) Perylene-d12	24.86	264	696216	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	443186	99.11	ng	0.00
7) Phenol-d6	7.24	99	447559	67.64	ng	0.00
23) Nitrobenzene-d5	9.23	82	539338	92.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	484635	210.53	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1506212	105.63	ng	-0.01
78) Terphenyl-d14	20.01	244	2208330	73.93	ng	-0.01
Target Compounds						
35) Caprolactam	11.76	113	10986	5.17	ng	Qvalue # 86
49) Dimethylphthalate	14.13	163	166197	9.72	ng	97

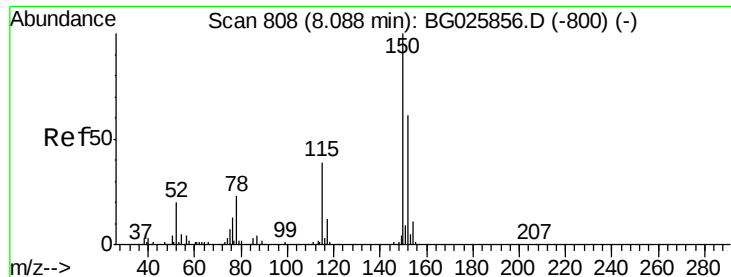
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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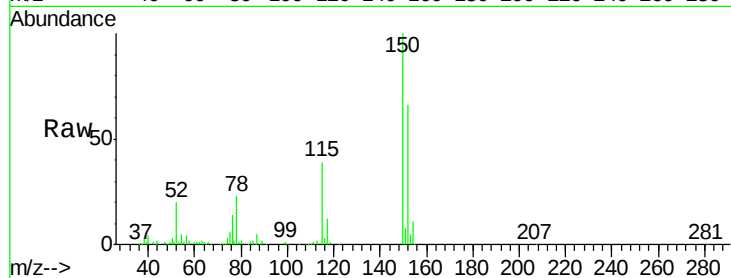


#1

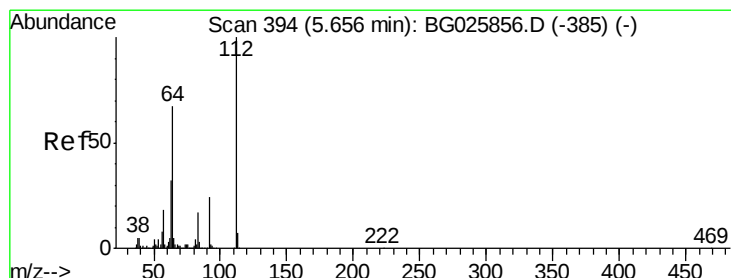
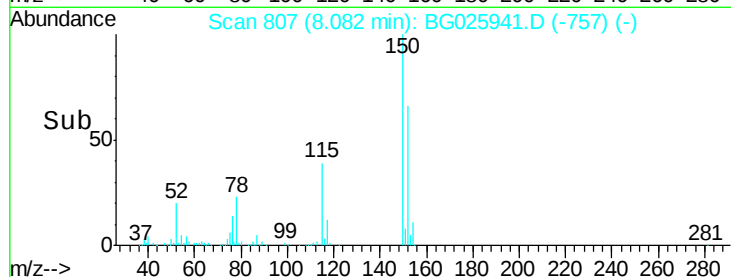
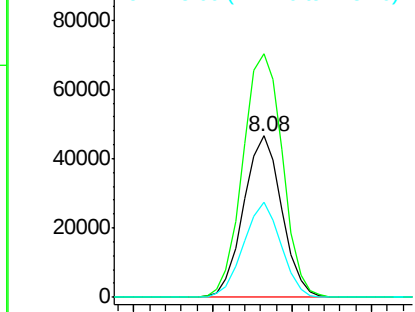
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025941.D
Acq: 24 Feb 2017 20:59

Instrument :
BNA_G
ClientSampleId :
MW-2R

Tgt Ion:152 Resp: 77849
Ion Ratio Lower Upper
152 100
150 150.6 114.0 171.0
115 58.8 48.1 72.1



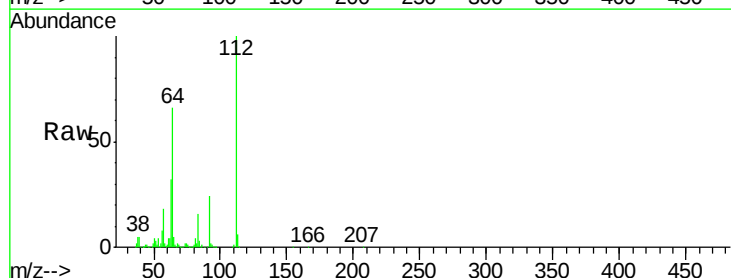
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



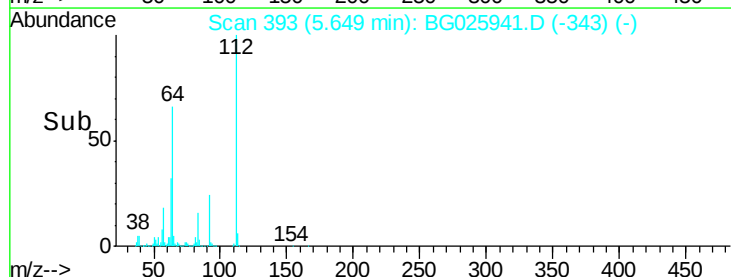
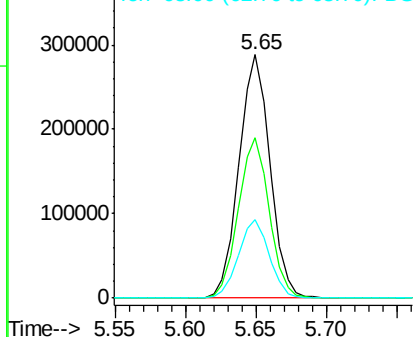
#5

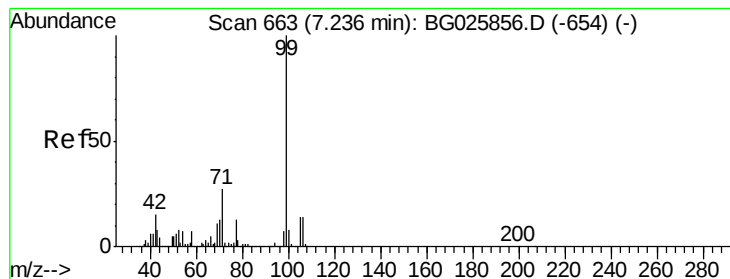
2-Fluorophenol
Concen: 99.11 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025941.D
Acq: 24 Feb 2017 20:59

Tgt Ion:112 Resp: 443186
Ion Ratio Lower Upper
112 100
64 65.9 61.8 92.6
63 32.5 37.2 55.8#



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: 67.64 ng

RT: 7.24 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Instrument :

BNA_G

ClientSampleId :

MW-2R

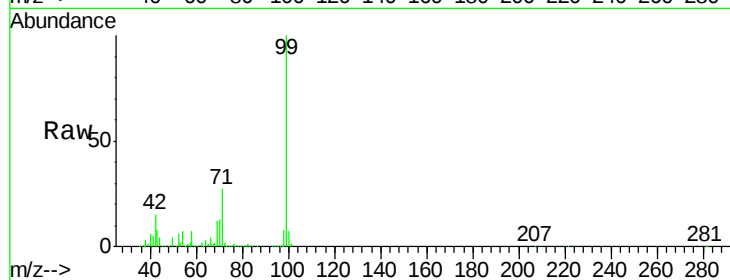
Tgt Ion: 99 Resp: 447559

Ion Ratio Lower Upper

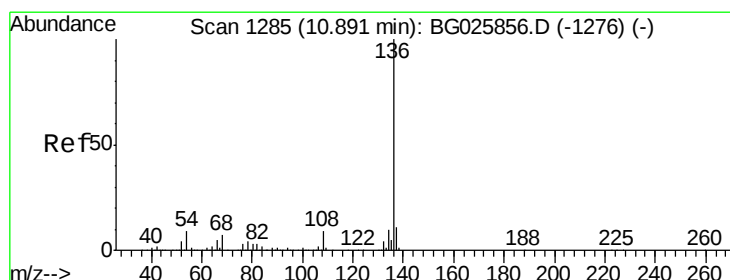
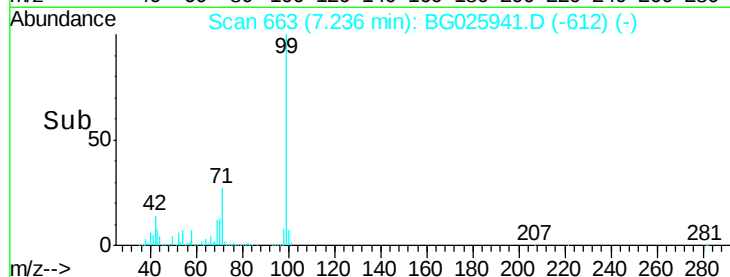
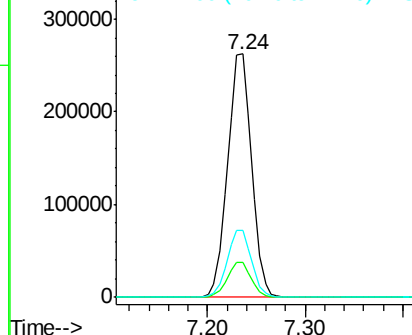
99 100

42 14.5 20.5 30.7#

71 27.5 37.6 56.4#



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: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Tgt Ion: 136 Resp: 368585

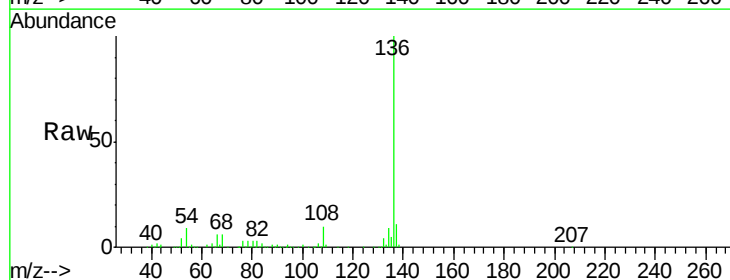
Ion Ratio Lower Upper

136 100

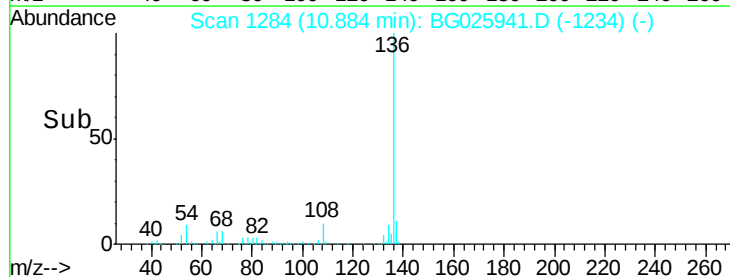
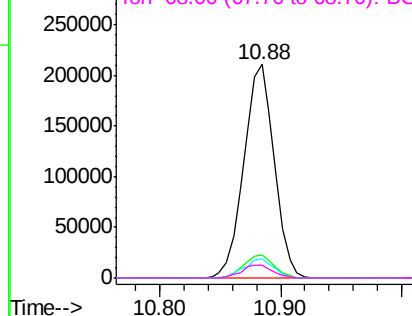
137 11.0 8.9 13.3

54 9.0 9.3 13.9#

68 5.7 5.1 7.7



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

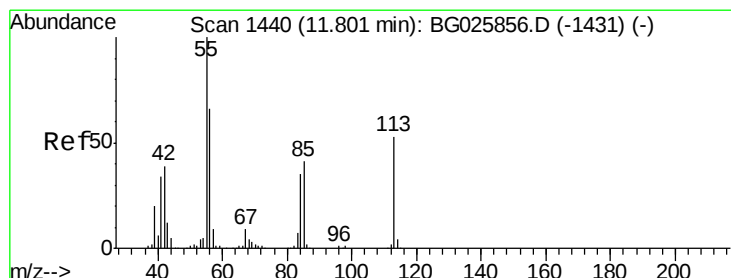
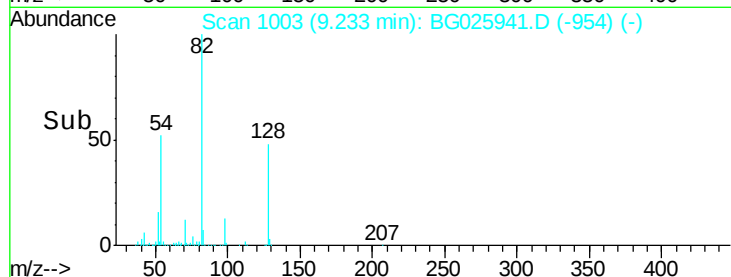
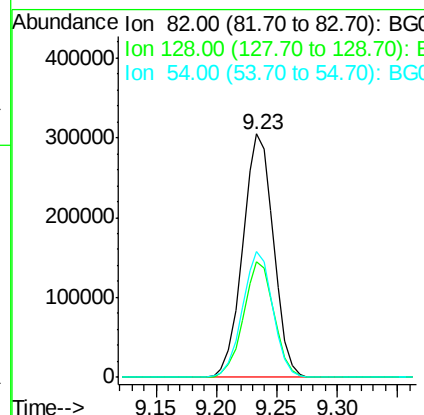
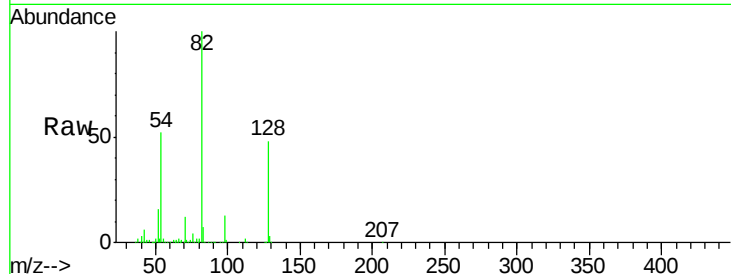




#23
Nitrobenzene-d5
Concen: 92.34 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025941.D
Acq: 24 Feb 2017 20:59

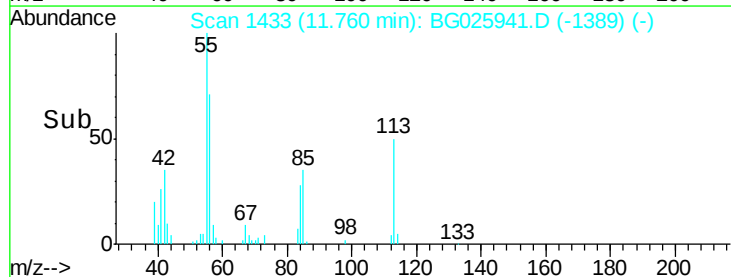
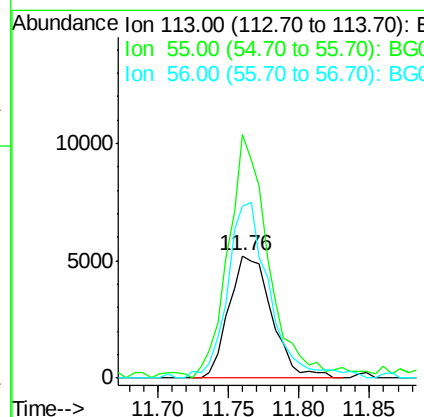
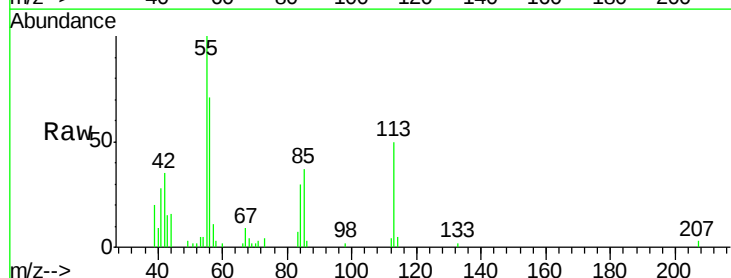
Instrument :
BNA_G
ClientSampleId :
MW-2R

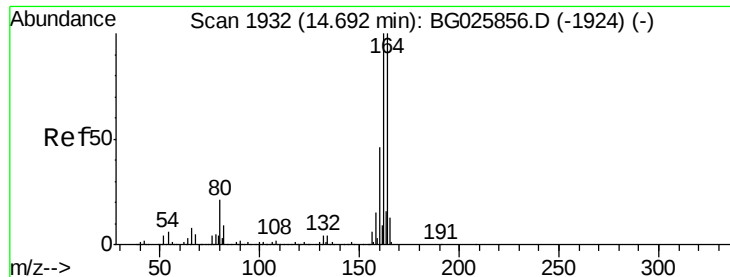
Tgt Ion: 82 Resp: 539338
Ion Ratio Lower Upper
82 100
128 47.6 26.4 39.6#
54 51.6 49.4 74.2



#35
Caprolactam
Concen: 5.17 ng
RT: 11.76 min Scan# 1433
Delta R.T. -0.04 min
Lab File: BG025941.D
Acq: 24 Feb 2017 20:59

Tgt Ion: 113 Resp: 10986
Ion Ratio Lower Upper
113 100
55 198.6 198.6 238.6
56 140.2 140.4 180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Instrument :

BNA_G

ClientSampleId :

MW-2R

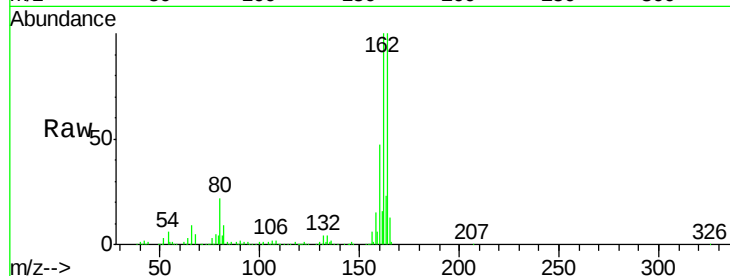
Tgt Ion:164 Resp: 249158

Ion Ratio Lower Upper

164 100

162 100.4 85.1 127.7

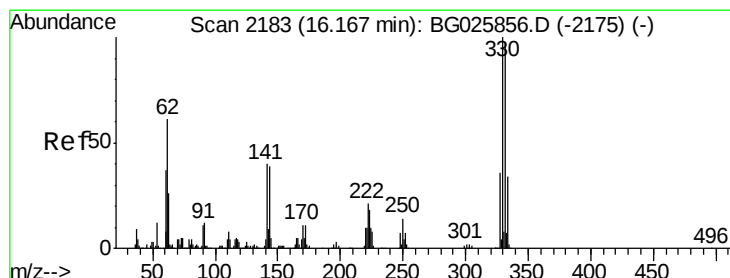
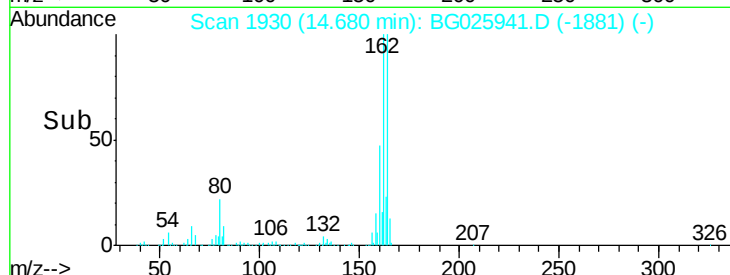
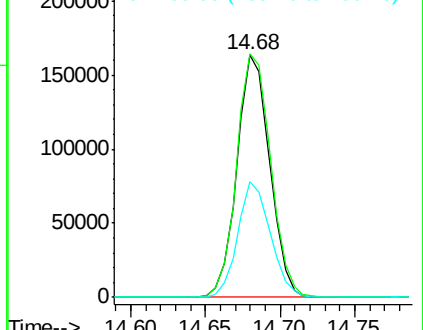
160 47.4 34.7 52.1



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: 210.53 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

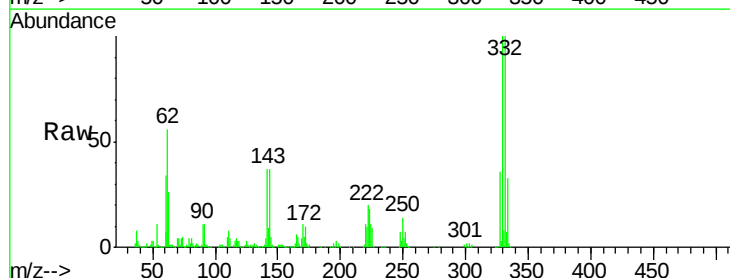
Tgt Ion:330 Resp: 484635

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

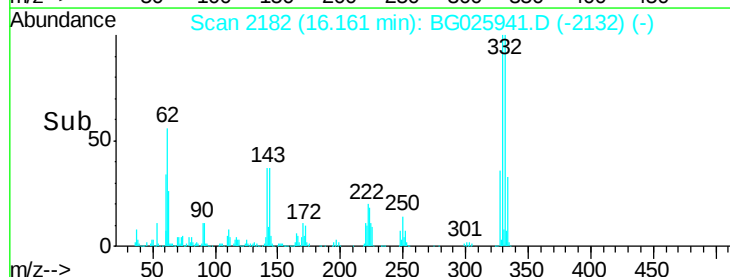
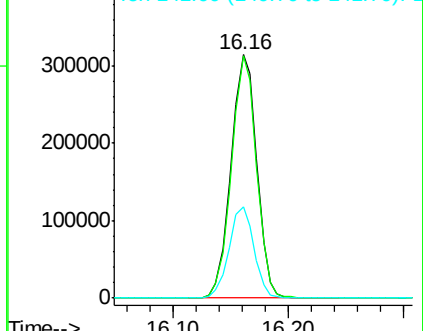
141 36.4 32.1 48.1

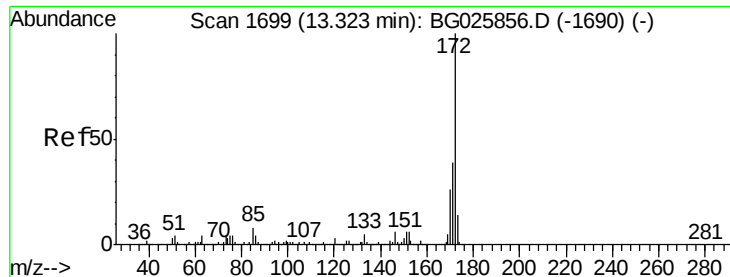


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

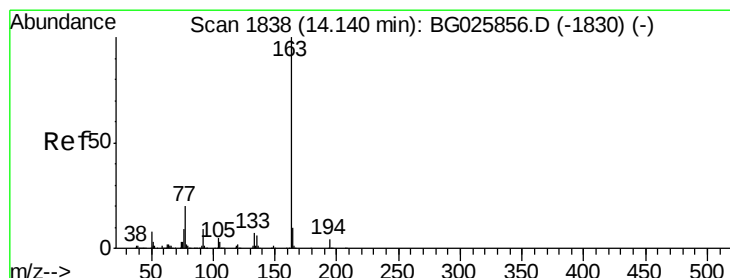
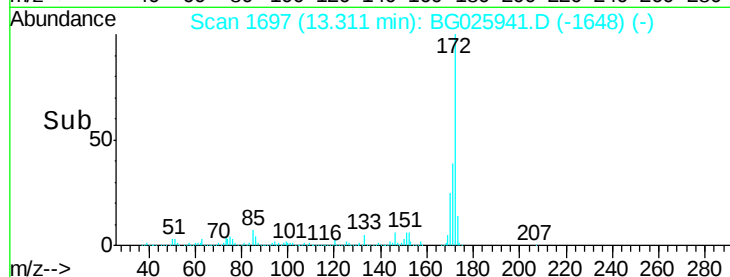
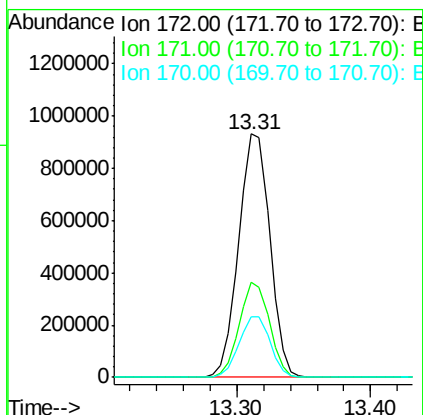
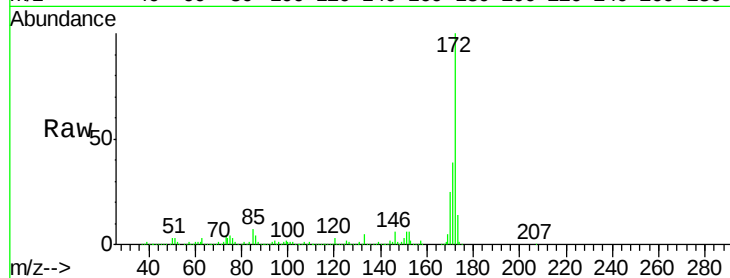




#44
 2-Fluorobiphenyl
 Concen: 105.63 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025941.D
 Acq: 24 Feb 2017 20:59

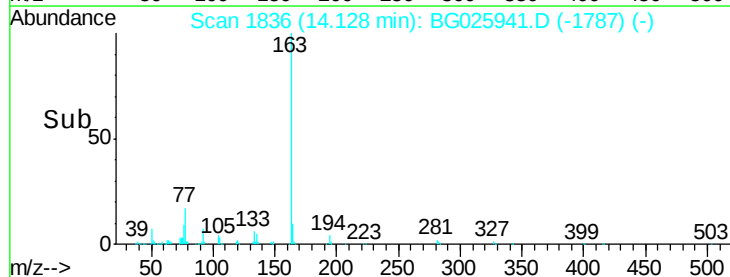
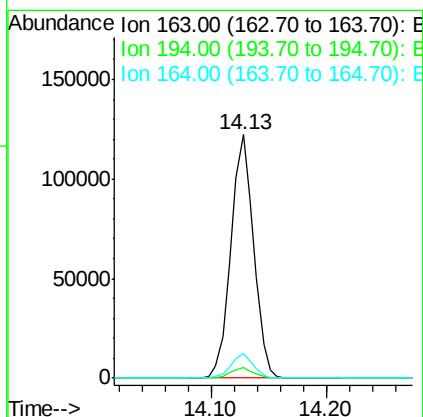
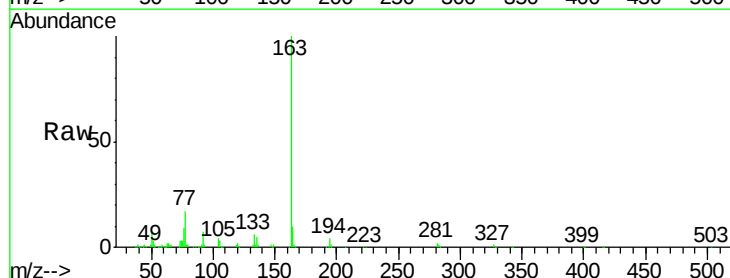
Instrument :
 BNA_G
 ClientSampleId :
 MW-2R

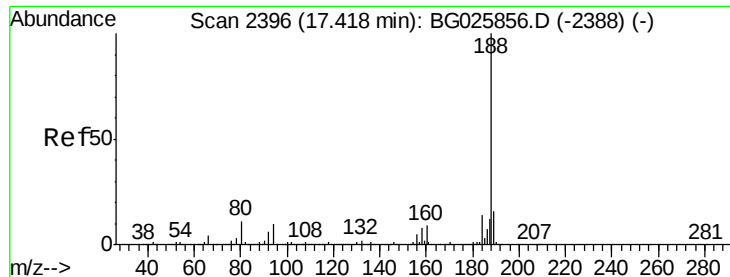
Tgt Ion:172 Resp: 1506212
 Ion Ratio Lower Upper
 172 100
 171 39.1 32.2 48.2
 170 24.8 21.8 32.6



#49
 Dimethylphthalate
 Concen: 9.72 ng
 RT: 14.13 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG025941.D
 Acq: 24 Feb 2017 20:59

Tgt Ion:163 Resp: 166197
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.8 5.6
 164 10.1 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Instrument :

BNA_G

ClientSampleId :

MW-2R

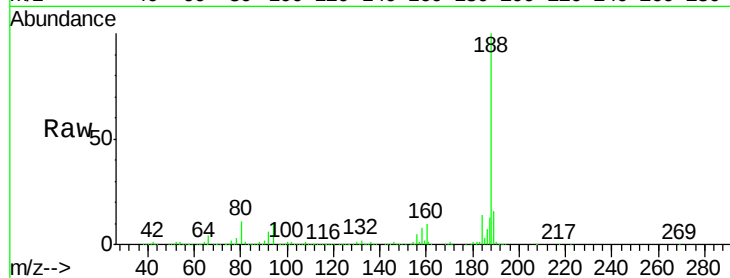
Tgt Ion:188 Resp: 688081

Ion Ratio Lower Upper

188 100

94 10.1 5.8 8.8#

80 10.9 7.5 11.3



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

600000

500000

400000

300000

200000

100000

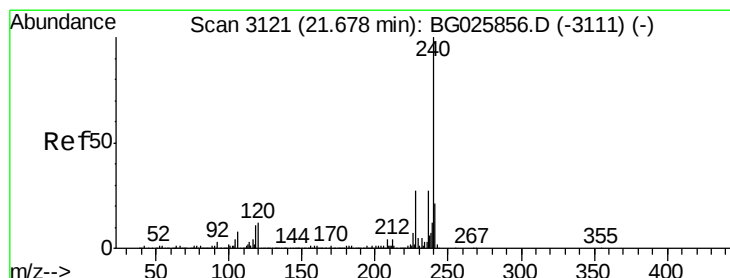
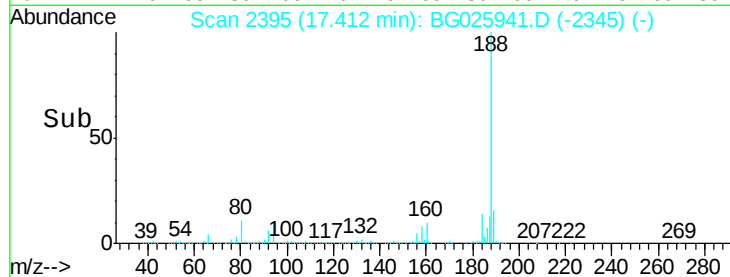
0

17.41

17.40

17.50

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

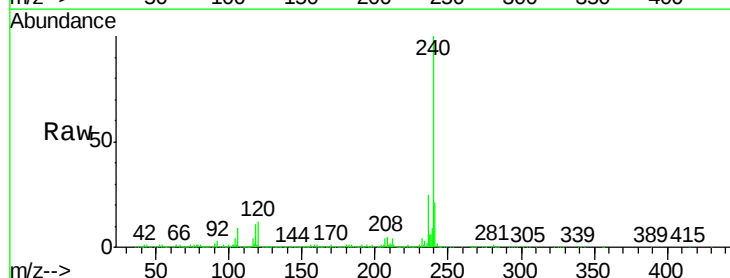
Tgt Ion:240 Resp: 726485

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

236 25.5 22.2 33.4



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

600000

500000

400000

300000

200000

100000

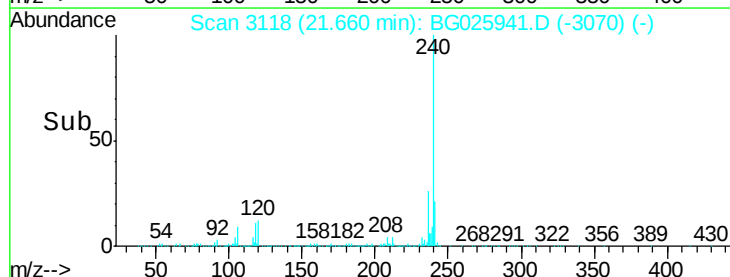
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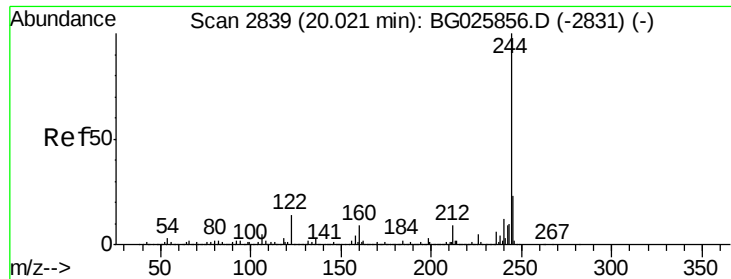
21.66

21.60

21.70

Time-->

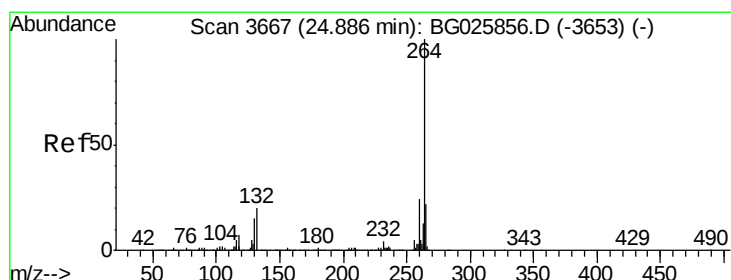
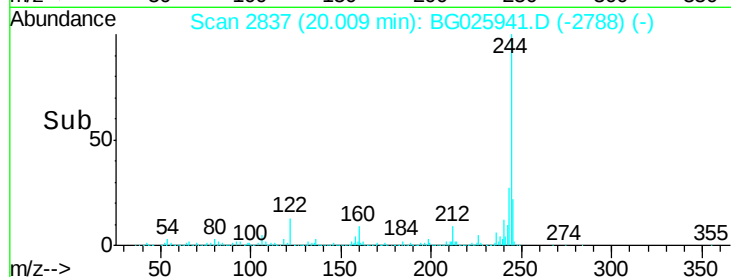
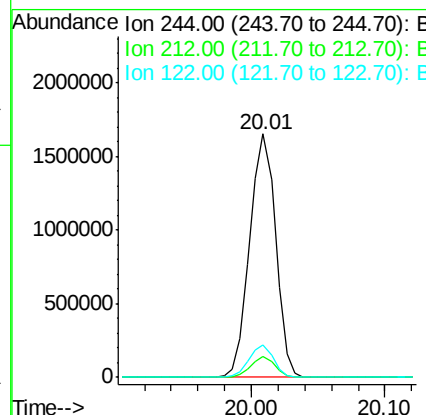
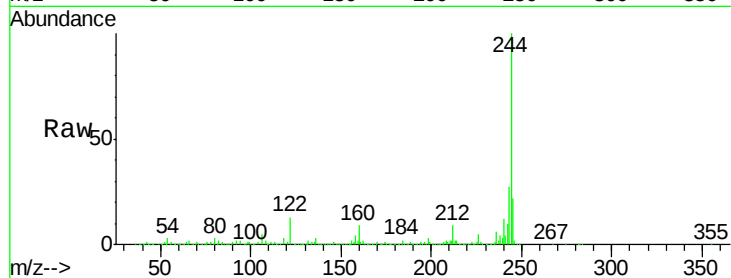




#78
 Terphenyl-d14
 Concen: 73.93 ng
 RT: 20.01 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BG025941.D
 Acq: 24 Feb 2017 20:59

Instrument :
 BNA_G
 ClientSampleId :
 MW-2R

Tgt Ion:244 Resp: 2208330
 Ion Ratio Lower Upper
 244 100
 212 8.6 10.0 15.0#
 122 13.5 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.86 min Scan# 3663
 Delta R.T. -0.02 min
 Lab File: BG025941.D
 Acq: 24 Feb 2017 20:59

Tgt Ion:264 Resp: 696216
 Ion Ratio Lower Upper
 264 100
 260 23.6 21.8 32.8
 265 21.8 18.2 27.4

