

Data Path : Z:\HPCHEM1\BNA_G\Data\BG062916\
 Data File : BG022717.D
 Acq On : 30 Jun 2016 7:58
 Operator : UM/SJ
 Sample : H3789-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16R

Quant Time: Jun 30 14:07:35 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

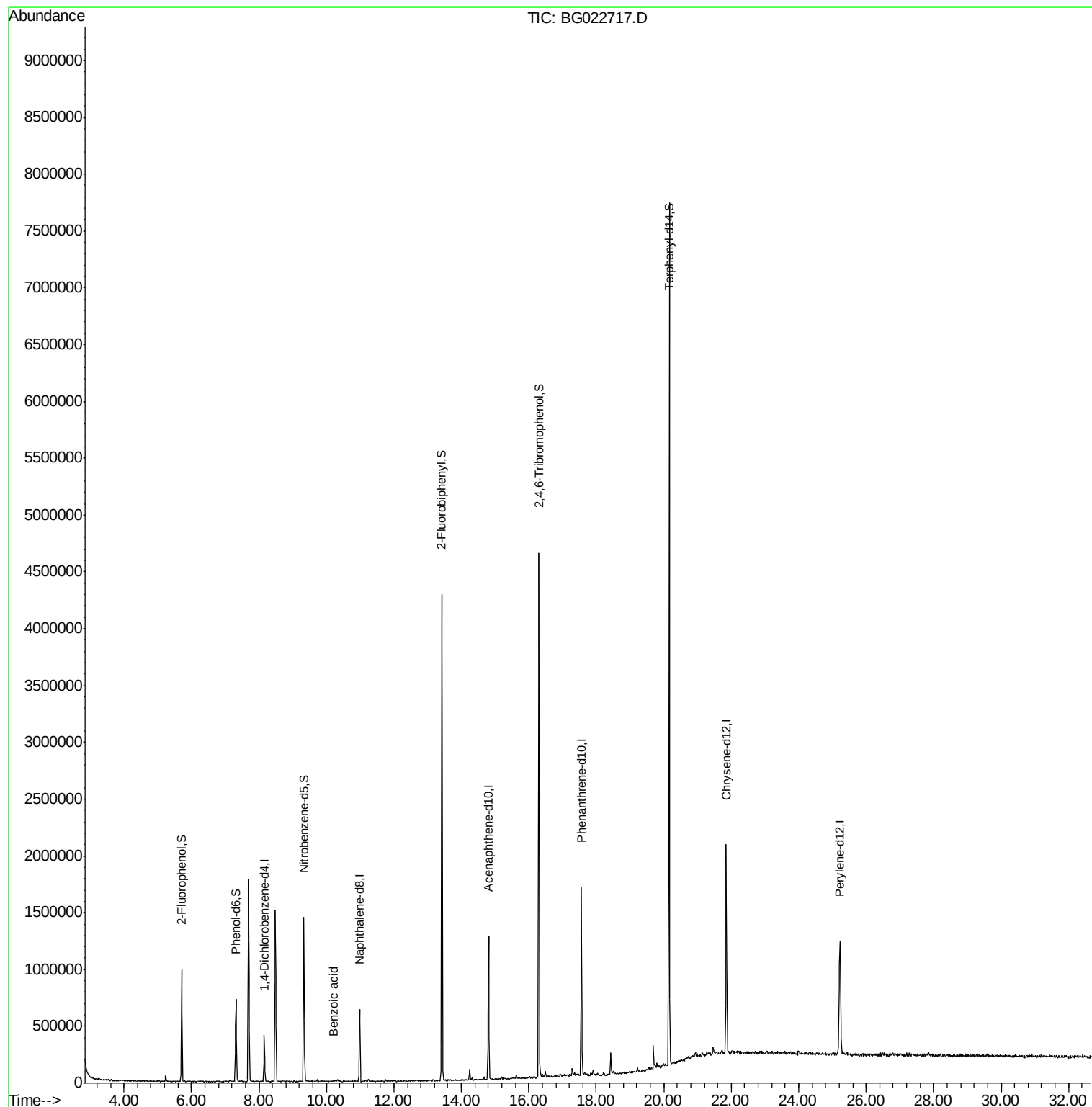
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	109533	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	515023	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	426642	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1054165	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1183172	20.00	ng	0.00
86) Perylene-d12	25.22	264	1199516	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	399731	58.53	ng	0.00
7) Phenol-d6	7.32	99	417732	43.40	ng	0.01
23) Nitrobenzene-d5	9.33	82	940082	77.25	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	870897	129.78	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2115282	78.63	ng	0.00
78) Terphenyl-d14	20.16	244	2906486	65.08	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	1387	5.32	ng	Qvalue # 40

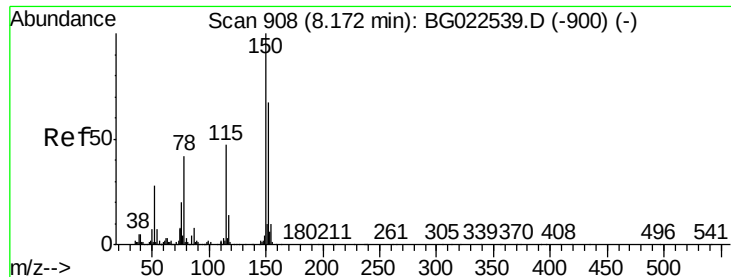
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022717.D

Acq: 30 Jun 2016 7:58

Instrument :

BNA_G

ClientSampleId :

MW-16R

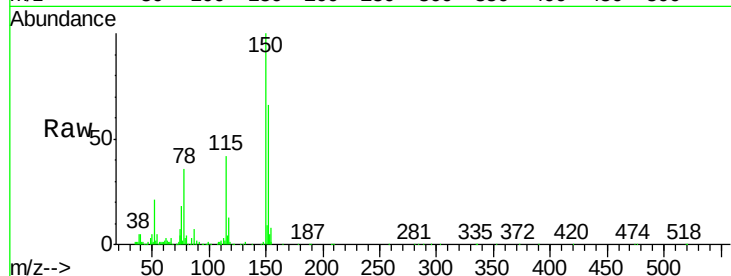
Tgt Ion:152 Resp: 109533

Ion Ratio Lower Upper

152 100

150 151.3 144.7 217.1

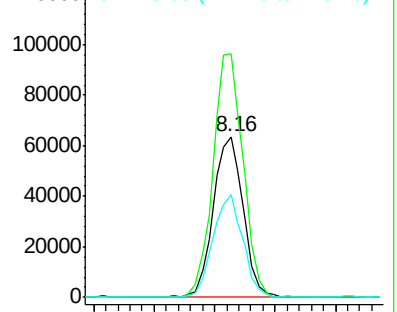
115 64.1 64.0 96.0



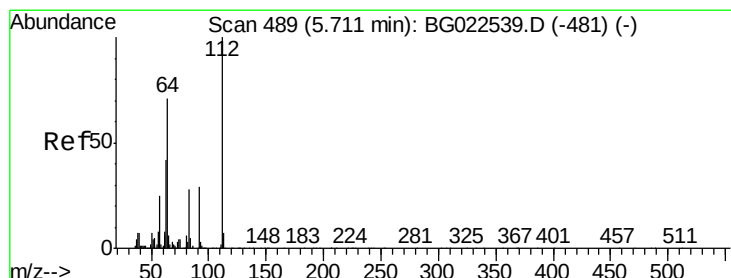
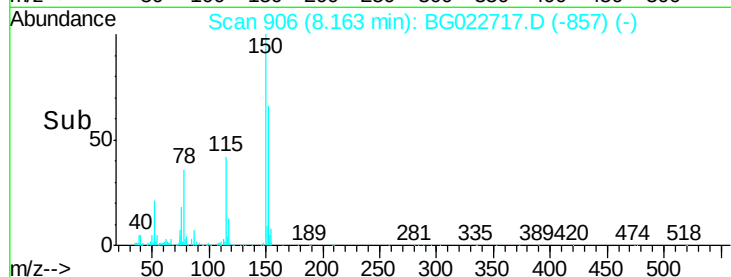
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 58.53 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022717.D

Acq: 30 Jun 2016 7:58

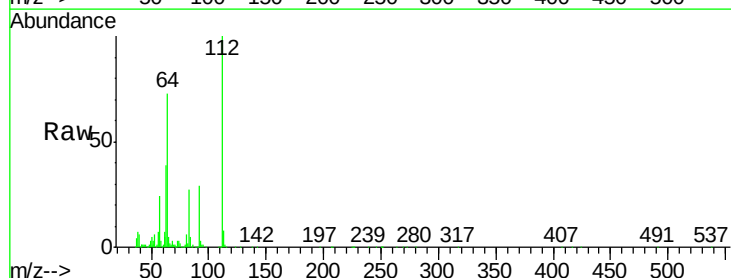
Tgt Ion:112 Resp: 399731

Ion Ratio Lower Upper

112 100

64 72.6 59.0 88.4

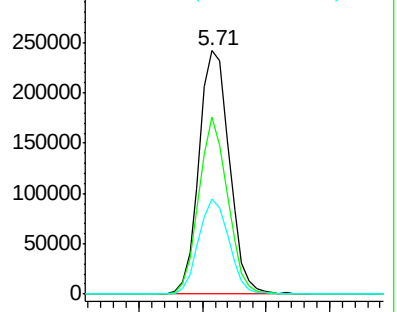
63 39.0 37.8 56.8



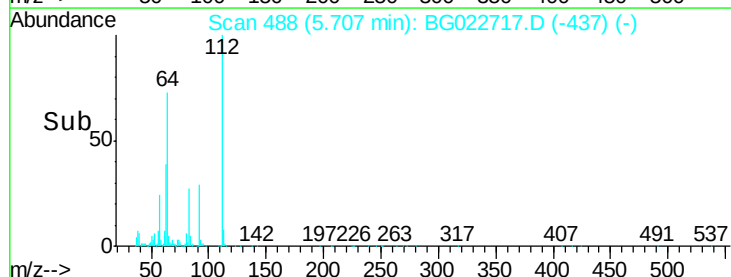
Abundance Ion 112.00 (111.70 to 112.70): E

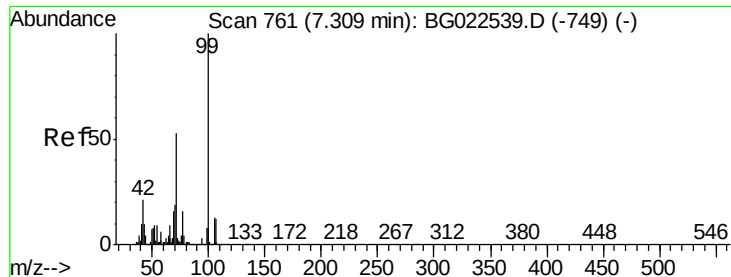
Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0



Time-->





#7

Phenol-d6

Concen: 43.40 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022717.D

Acq: 30 Jun 2016 7:58

Instrument :

BNA_G

ClientSampleId :

MW-16R

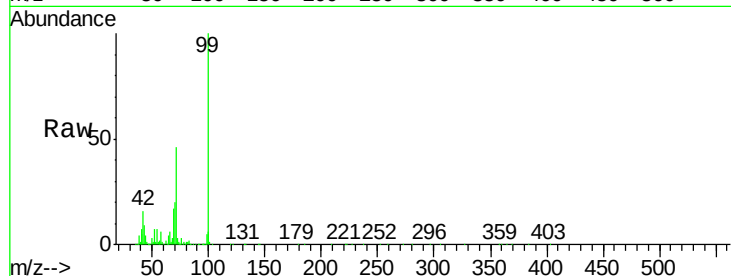
Tgt Ion: 99 Resp: 417732

Ion Ratio Lower Upper

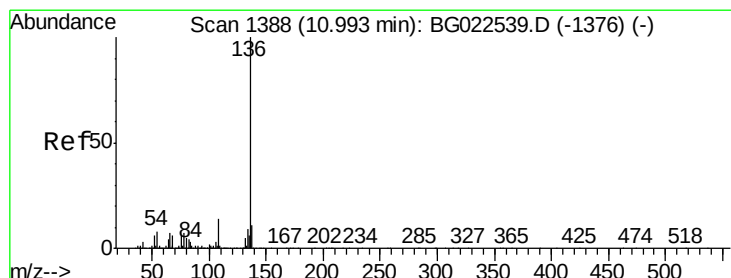
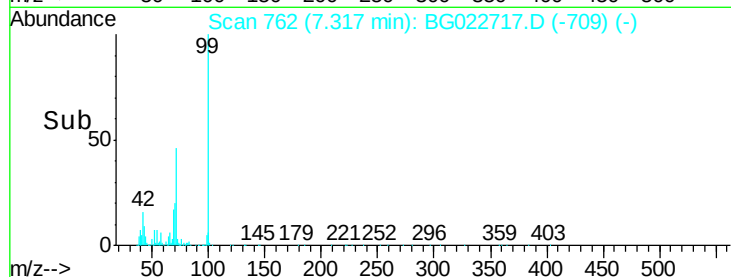
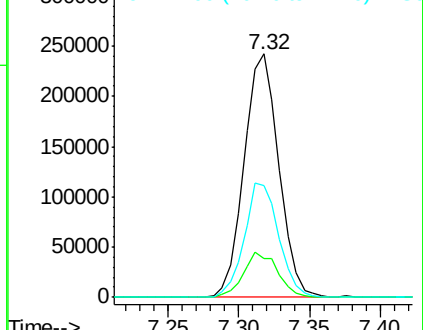
99 100

42 16.0 17.8 26.6#

71 45.8 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. -0.00 min

Lab File: BG022717.D

Acq: 30 Jun 2016 7:58

Tgt Ion: 136 Resp: 515023

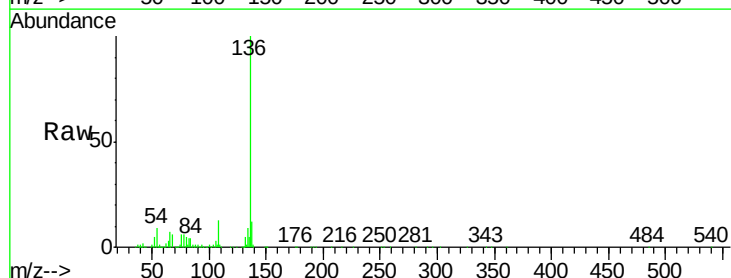
Ion Ratio Lower Upper

136 100

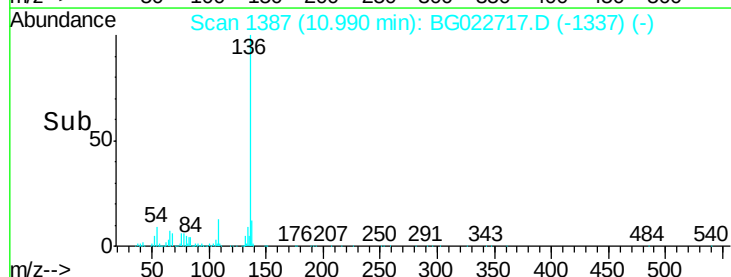
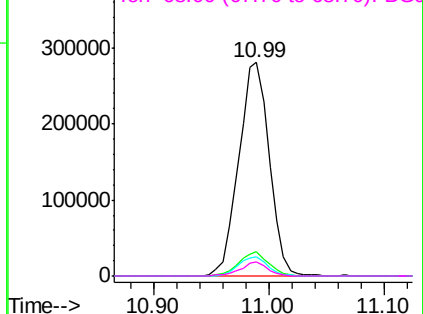
137 11.5 9.6 14.4

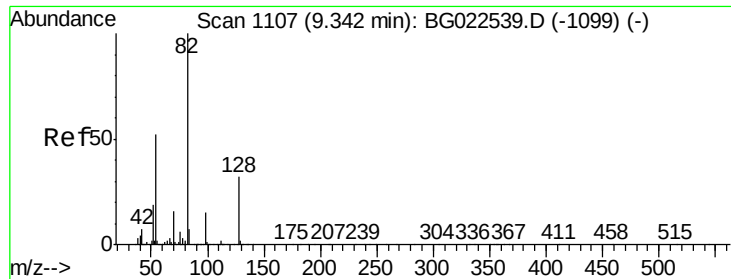
54 8.7 7.3 10.9

68 6.5 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

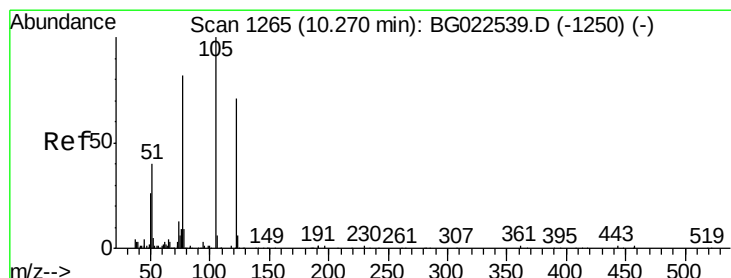
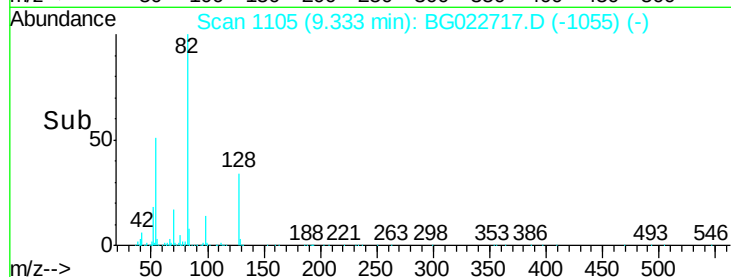
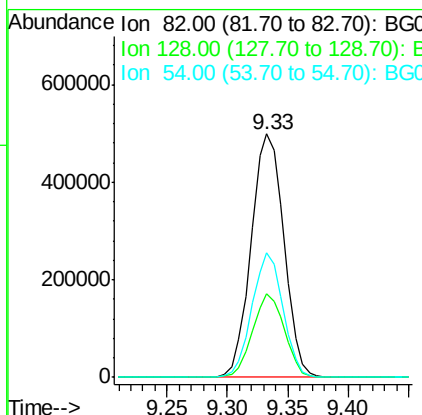
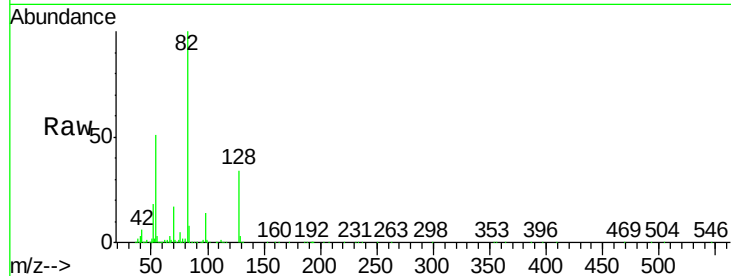




#23
 Nitrobenzene-d5
 Concen: 77.25 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022717.D
 Acq: 30 Jun 2016 7:58

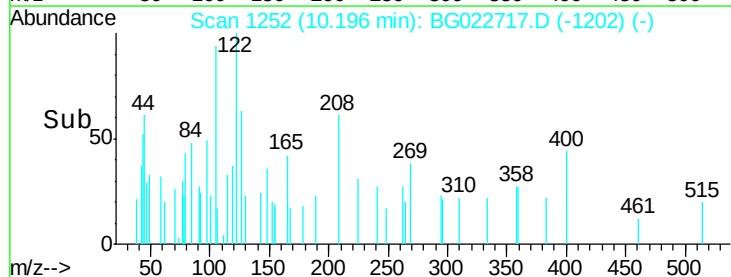
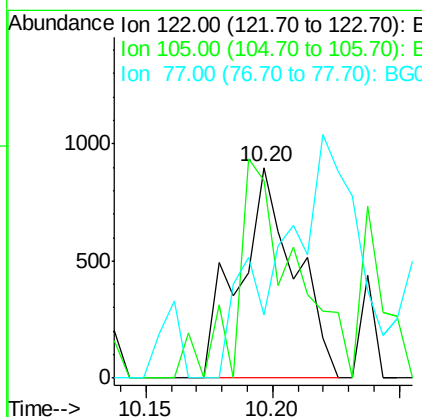
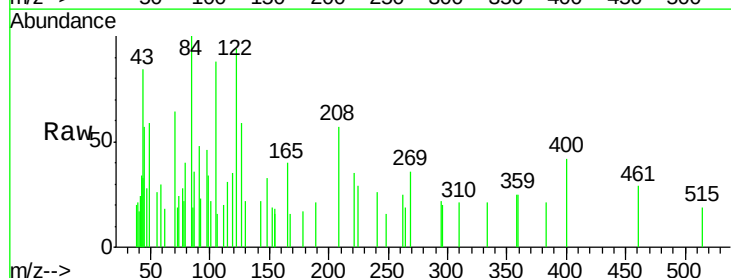
Instrument :
 BNA_G
 ClientSampleId :
 MW-16R

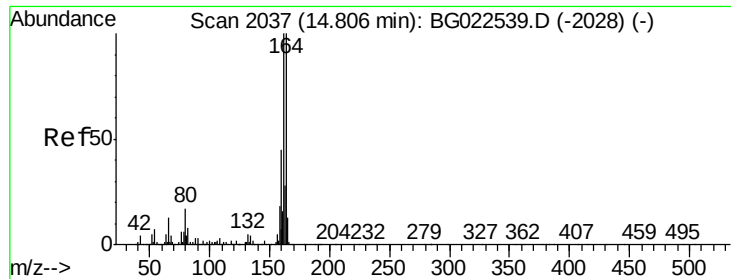
Tgt Ion: 82 Resp: 940082
 Ion Ratio Lower Upper
 82 100
 128 34.5 24.4 36.6
 54 51.4 41.4 62.0



#32
 Benzoic acid
 Concen: 5.32 ng
 RT: 10.20 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG022717.D
 Acq: 30 Jun 2016 7:58

Tgt Ion: 122 Resp: 1387
 Ion Ratio Lower Upper
 122 100
 105 94.1 117.2 157.2#
 77 29.8 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022717.D

Acq: 30 Jun 2016 7:58

Instrument :

BNA_G

ClientSampleId :

MW-16R

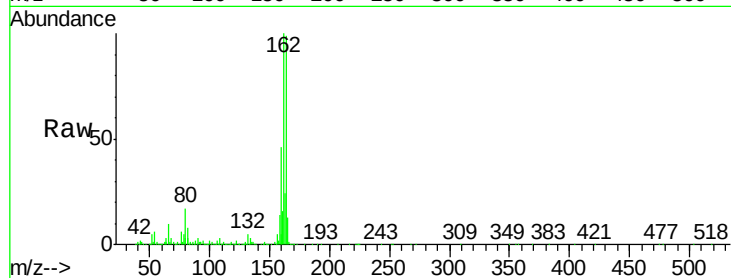
Tgt Ion:164 Resp: 426642

Ion Ratio Lower Upper

164 100

162 100.9 87.7 131.5

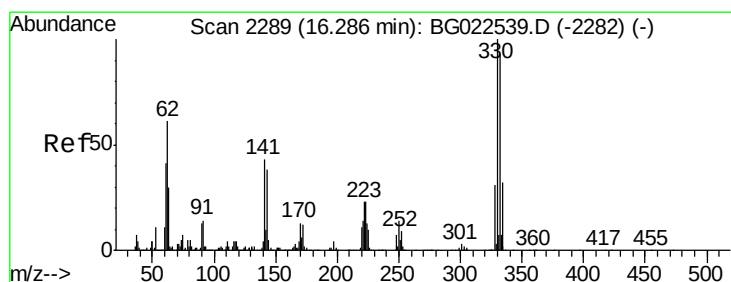
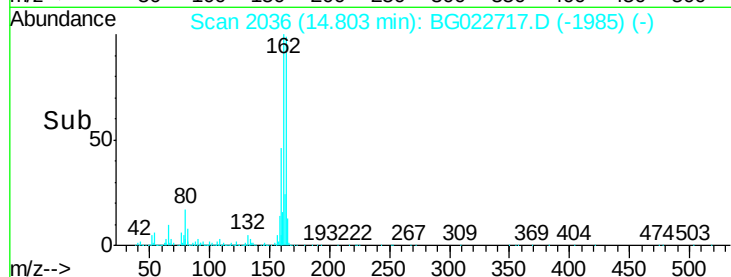
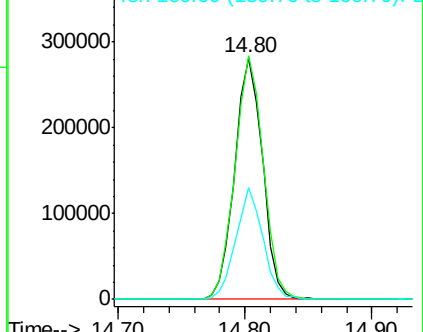
160 46.1 37.2 55.8



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: 129.78 ng

RT: 16.30 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022717.D

Acq: 30 Jun 2016 7:58

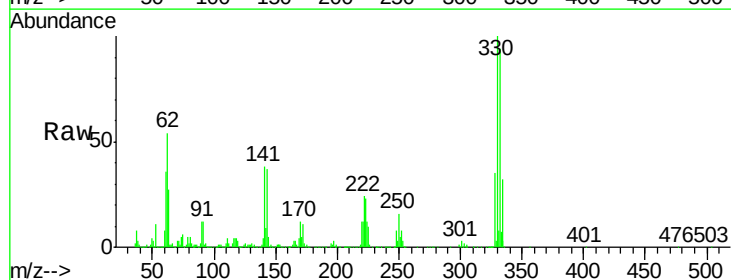
Tgt Ion:330 Resp: 870897

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

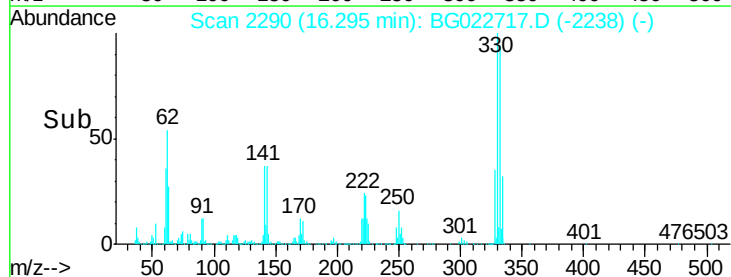
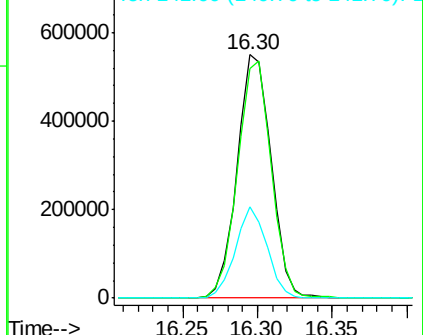
141 35.3 31.7 47.5

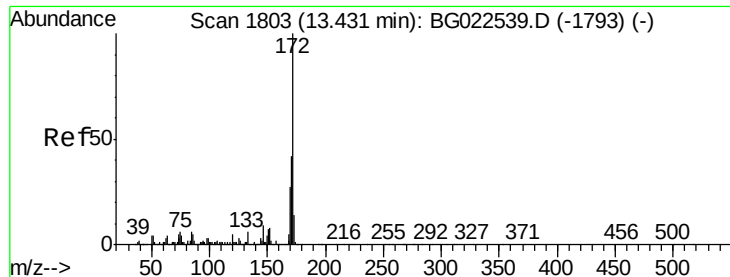


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

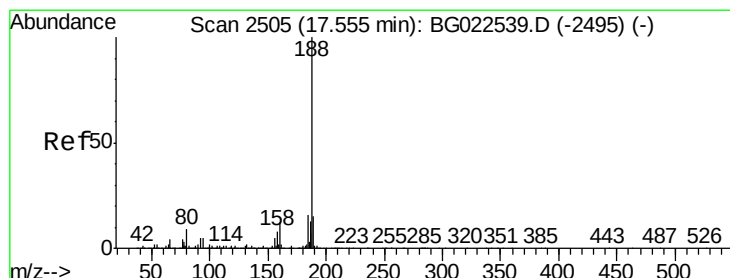
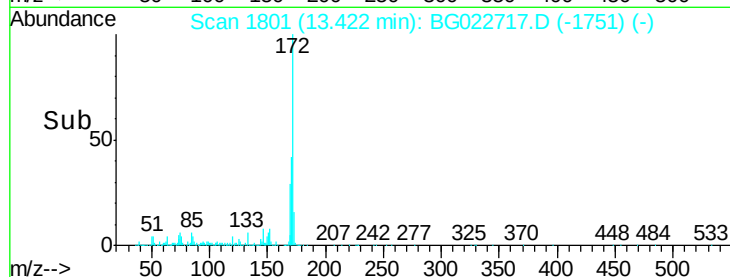
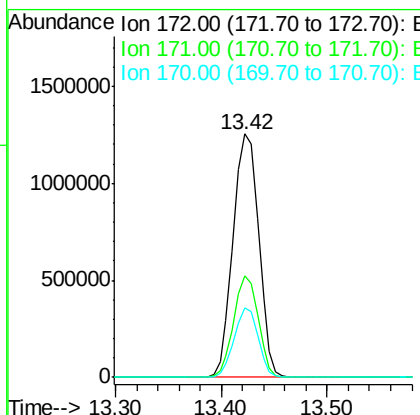
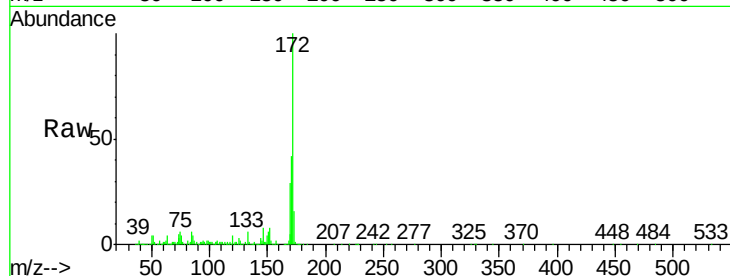




#44
2-Fluorobiphenyl
Concen: 78.63 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022717.D
Acq: 30 Jun 2016 7:58

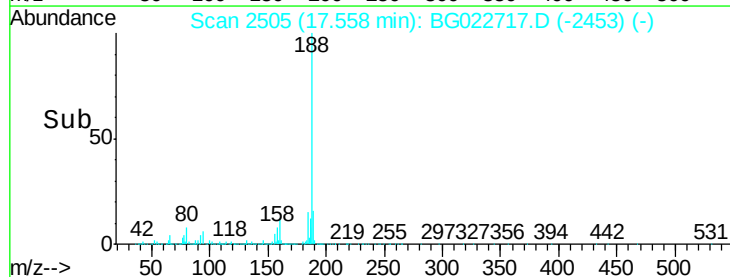
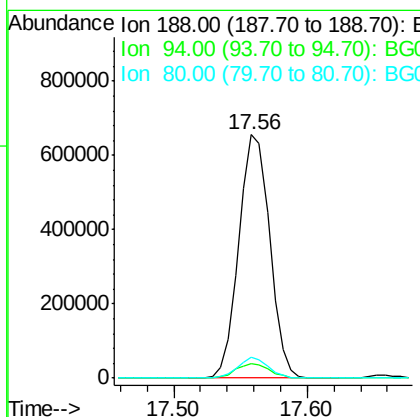
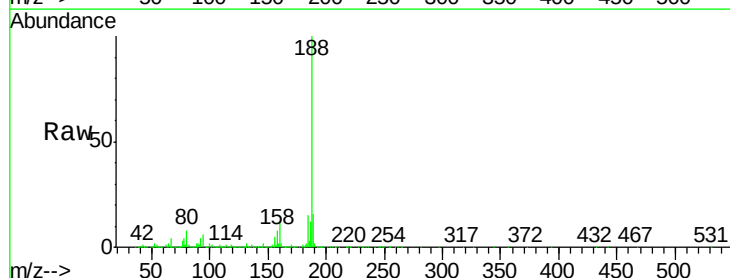
Instrument :
BNA_G
ClientSampleId :
MW-16R

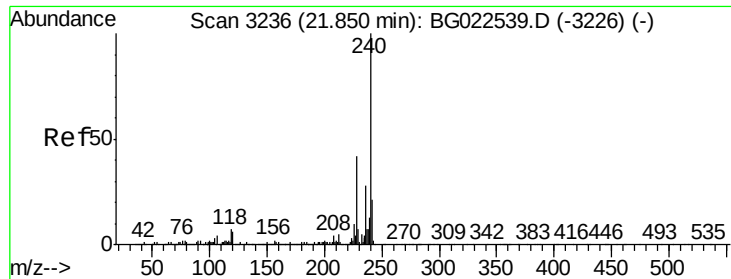
Tgt Ion:172 Resp: 2115282
Ion Ratio Lower Upper
172 100
171 41.8 31.6 47.4
170 28.7 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022717.D
Acq: 30 Jun 2016 7:58

Tgt Ion:188 Resp: 1054165
Ion Ratio Lower Upper
188 100
94 6.2 5.2 7.8
80 8.3 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: BG022717.D

Acq: 30 Jun 2016 7:58

Instrument :

BNA_G

ClientSampleId :

MW-16R

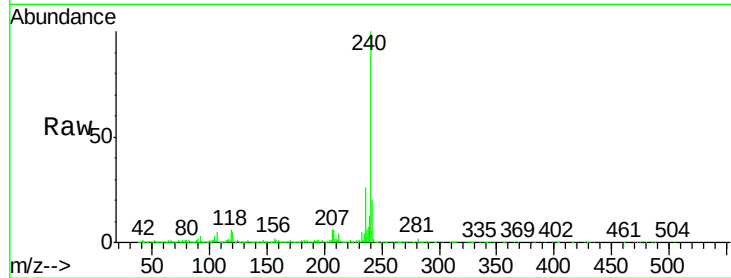
Tgt Ion:240 Resp: 1183172

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

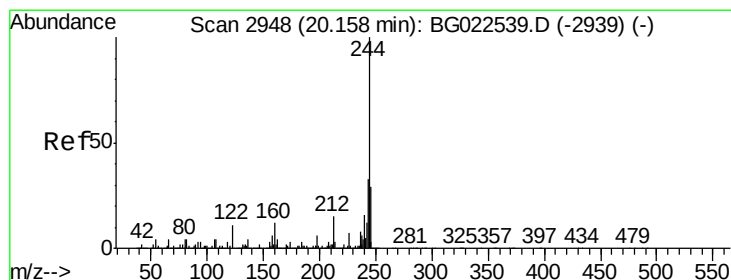
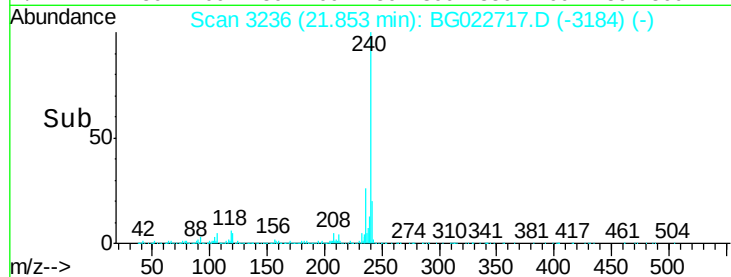
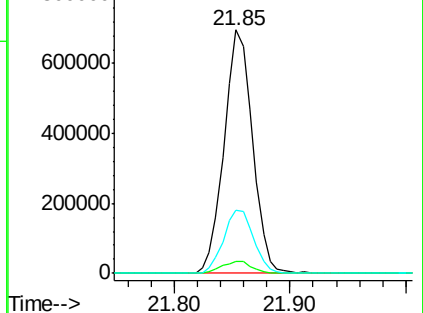
236 26.0 21.1 31.7



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: 65.08 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022717.D

Acq: 30 Jun 2016 7:58

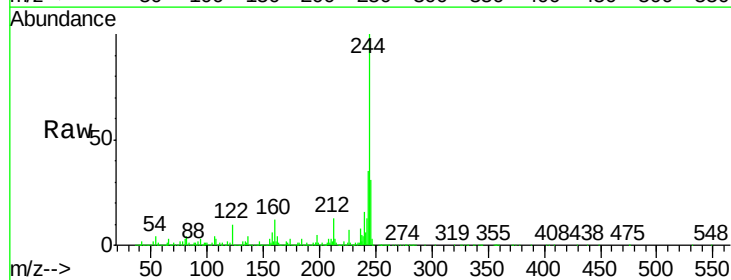
Tgt Ion:244 Resp: 2906486

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

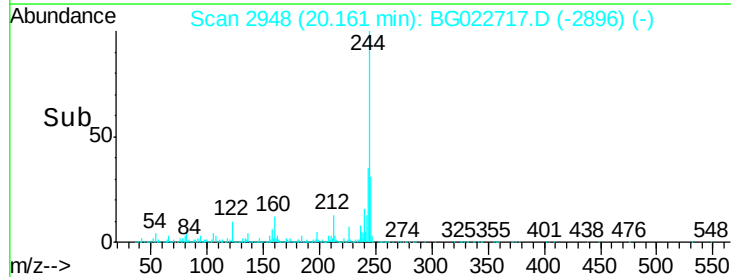
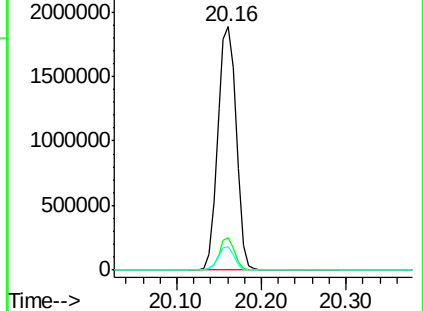
122 9.6 8.0 12.0

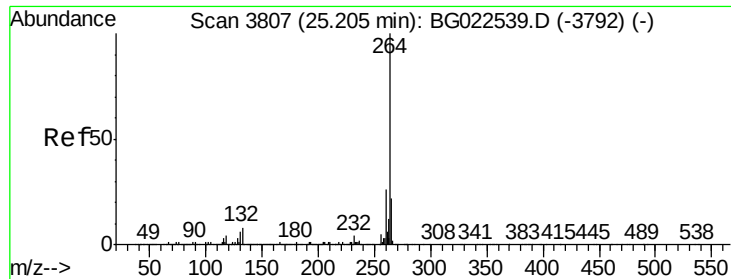


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3809

Delta R.T. 0.01 min

Lab File: BG022717.D

Acq: 30 Jun 2016 7:58

Instrument :

BNA_G

ClientSampleId :

MW-16R

Tgt Ion:264 Resp: 1199516

Ion Ratio Lower Upper

264 100

260 25.3 18.4 27.6

265 23.0 18.9 28.3

