

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
 Data File : BG023737.D
 Acq On : 16 Aug 2016 21:11
 Operator : UM/SJ
 Sample : H4422-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Aug 17 01:34:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

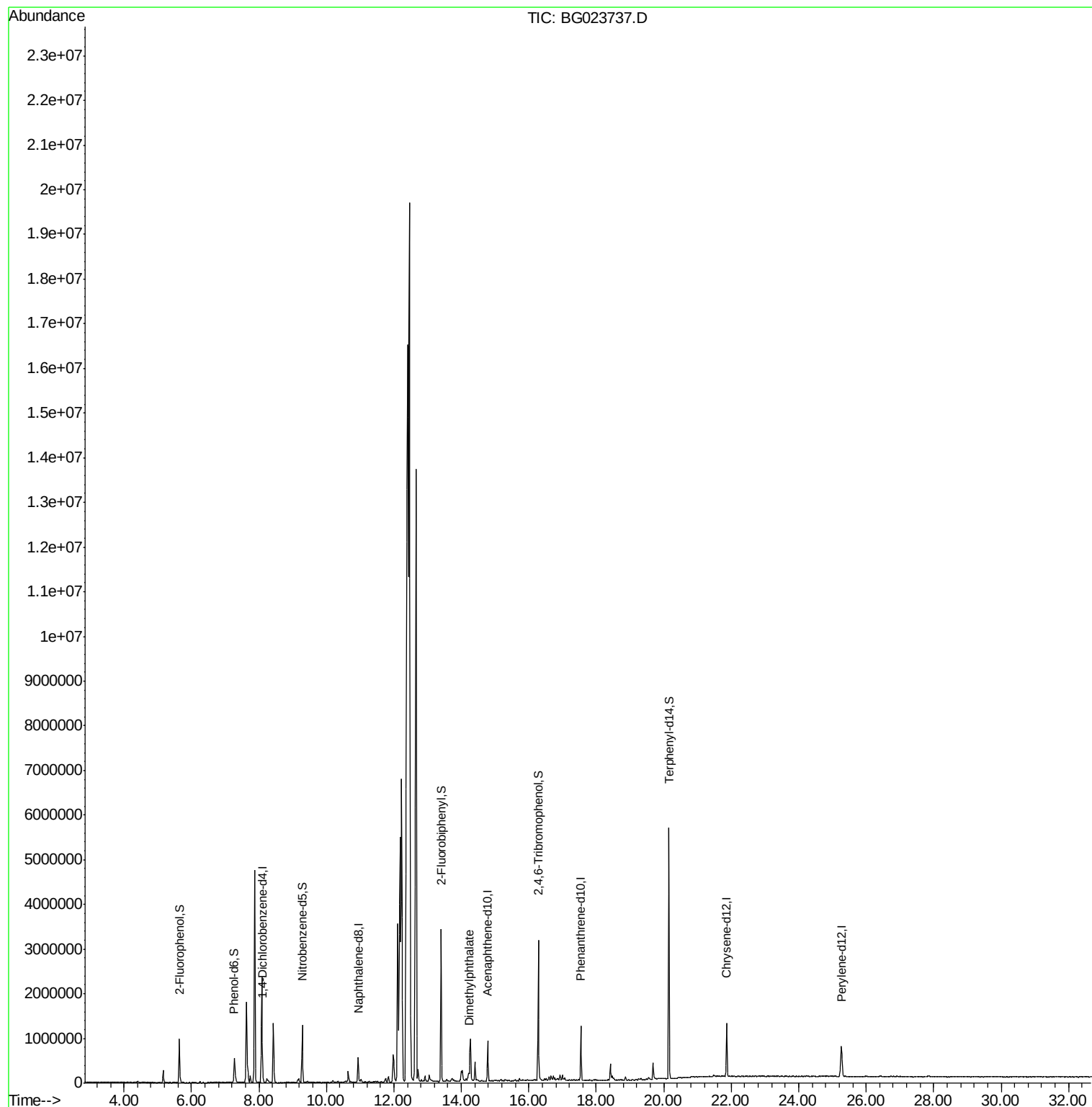
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	91770	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	444301	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	300356	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	716053	20.00	ng	0.00
75) Chrysene-d12	21.86	240	771308	20.00	ng	0.00
86) Perylene-d12	25.26	264	745298	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	457299	83.88	ng	-0.02
7) Phenol-d6	7.27	99	470126	55.36	ng	0.00
23) Nitrobenzene-d5	9.29	82	849605	95.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	558035	127.02	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1685907	94.67	ng	0.00
78) Terphenyl-d14	20.15	244	2157755	88.29	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	142779	6.20	ng	Qvalue # 97

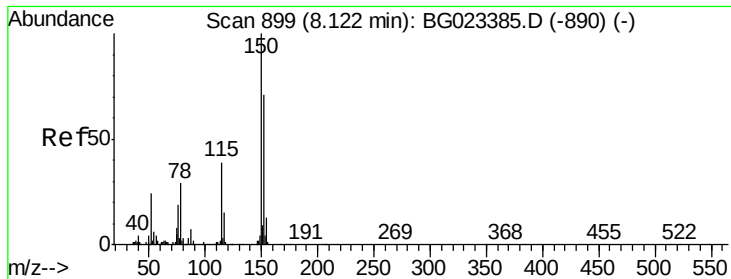
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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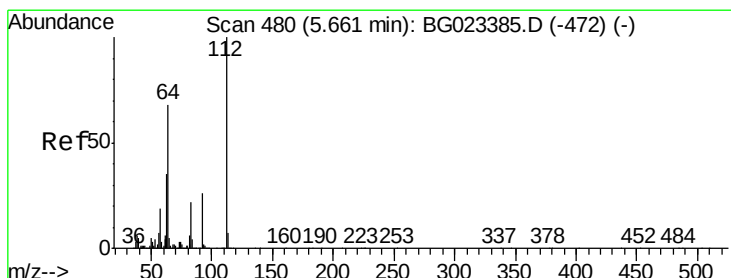
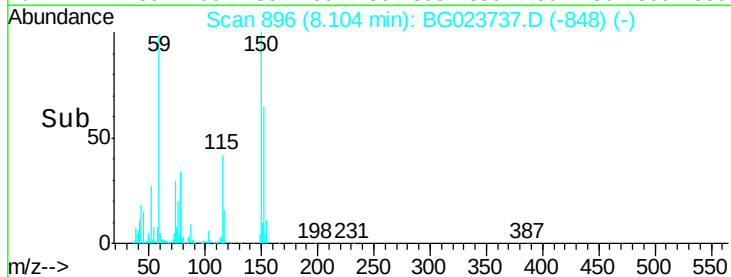
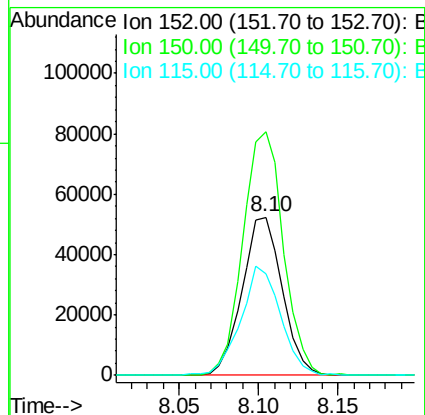
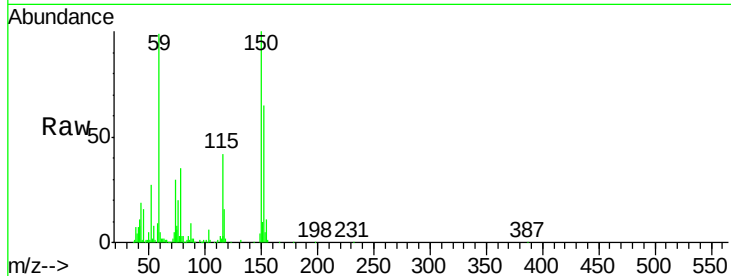


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

Instrument :
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ClientSampleId :
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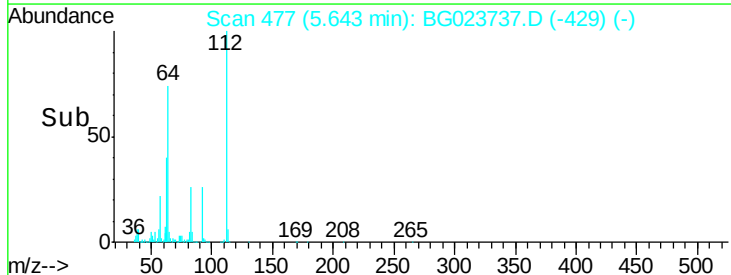
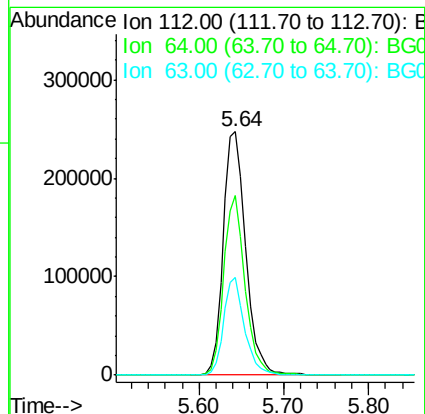
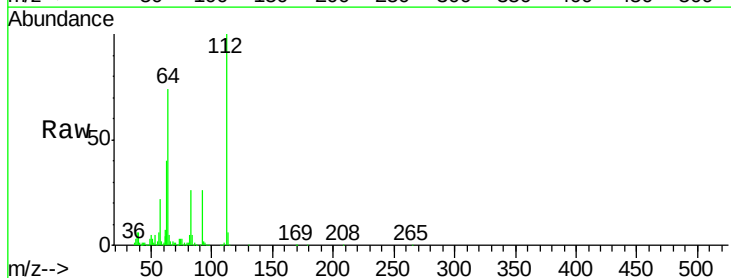
Tot Ion:152 Resp: 91770
Ion Ratio Lower Upper
152 100
150 154.0 144.7 217.1
115 64.0 64.0 96.0#

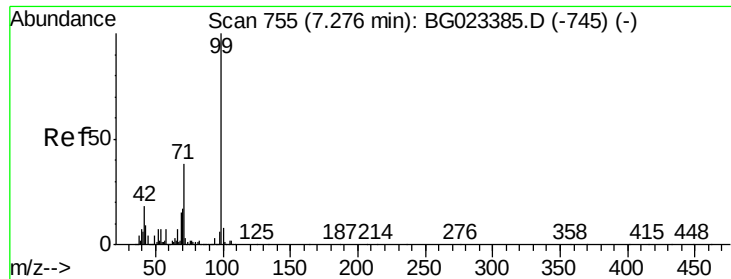


#5

2-Fluorophenol
Concen: 83.88 ng
RT: 5.64 min Scan# 477
Delta R.T. -0.02 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

Tgt Ion:112 Resp: 457299
Ion Ratio Lower Upper
112 100
64 73.8 59.0 88.4
63 40.0 37.8 56.8





#7

Phenol-d6

Concen: 55.36 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

Instrument :

BNA_G

ClientSampleId :

MW-1

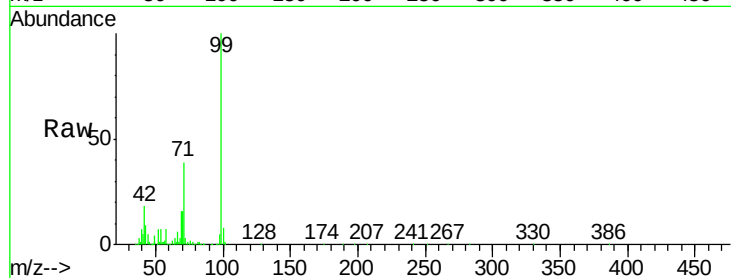
Tot Ion: 99 Resp: 470126

Ion Ratio Lower Upper

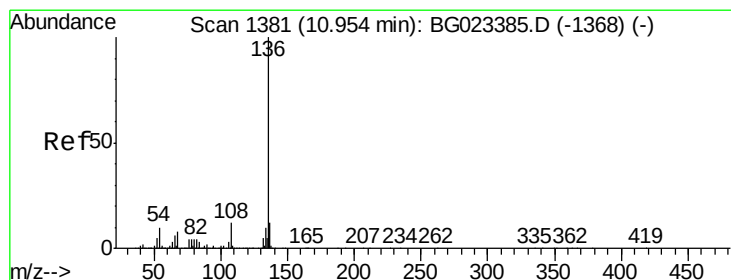
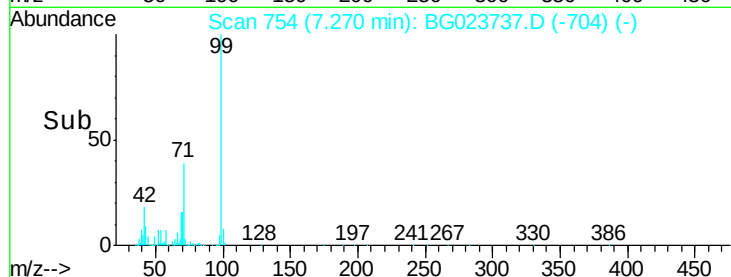
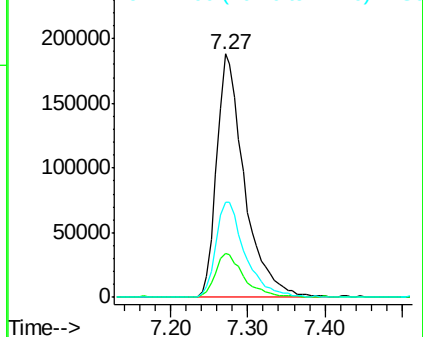
99 100

42 18.2 17.8 26.6

71 39.1 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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

Tgt Ion: 136 Resp: 444301

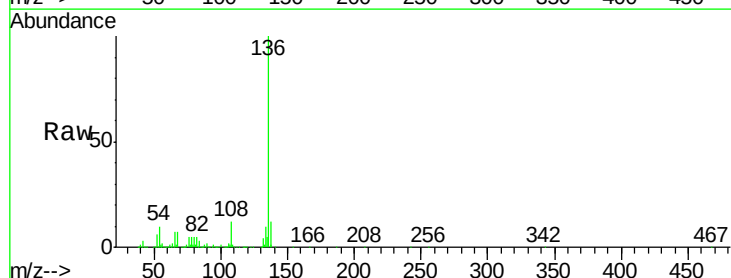
Ion Ratio Lower Upper

136 100

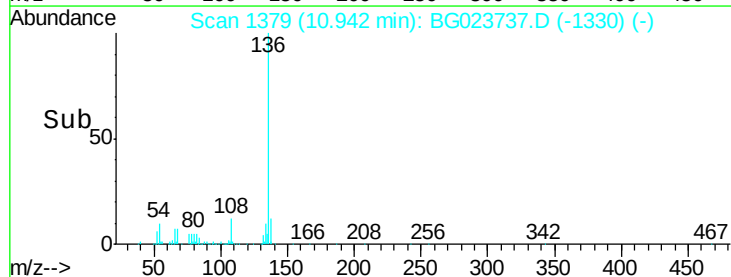
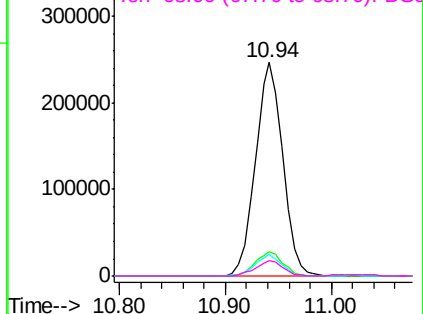
137 11.6 9.6 14.4

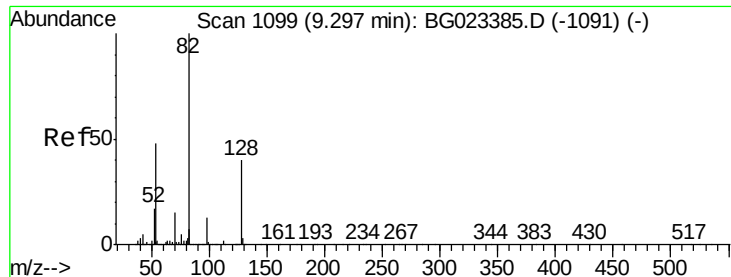
54 10.2 7.3 10.9

68 7.2 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

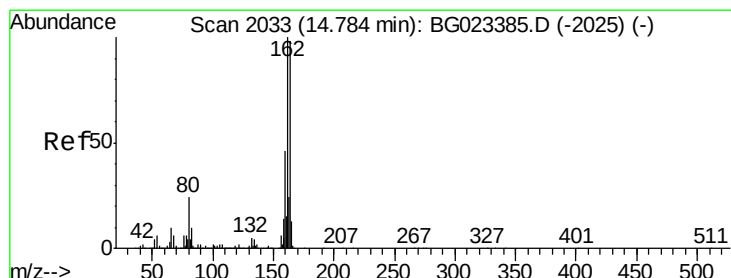
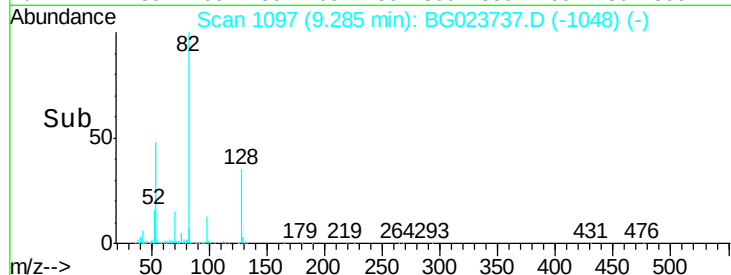
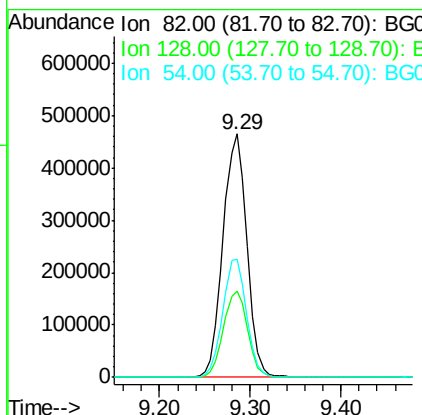
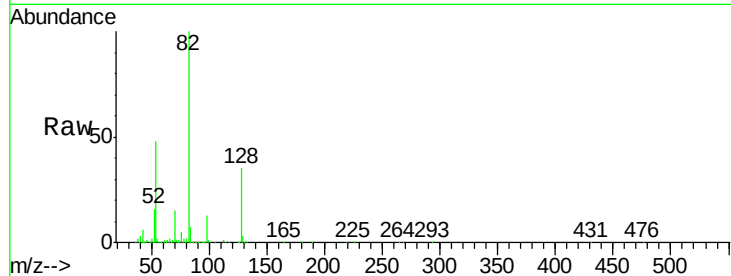




#23
 Nitrobenzene-d5
 Concen: 95.07 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG023737.D
 Acq: 16 Aug 2016 21:11

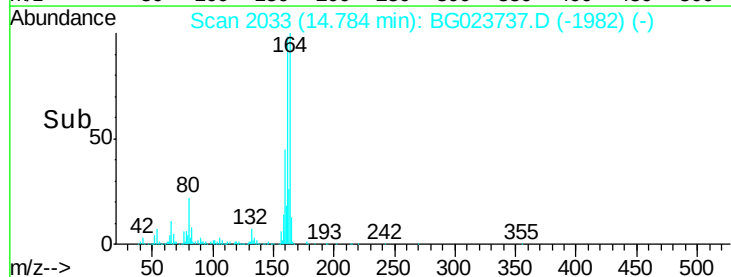
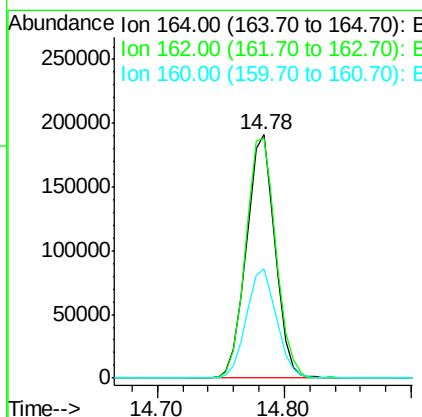
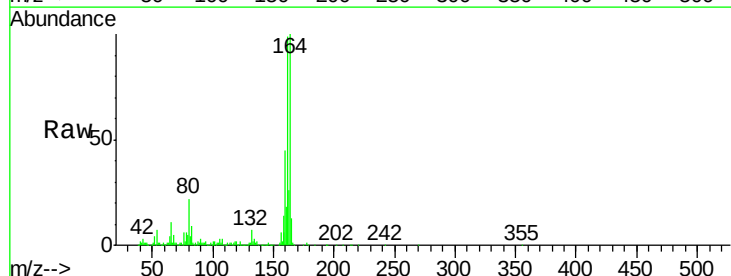
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

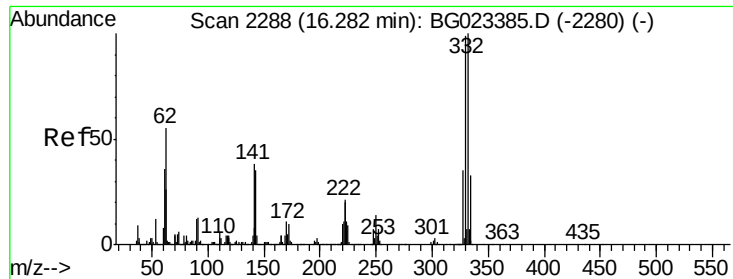
Tot Ion	82	Resp	849605
Ion Ratio	Lower	Upper	
82	100		
128	35.1	24.4	36.6
54	48.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023737.D
 Acq: 16 Aug 2016 21:11

Tgt Ion	164	Resp	300356
Ion Ratio	Lower	Upper	
164	100		
162	98.6	87.7	131.5
160	44.9	37.2	55.8

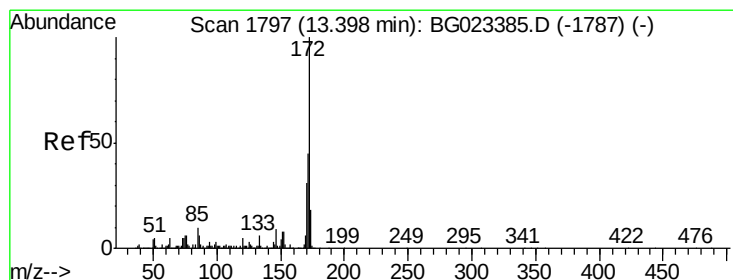
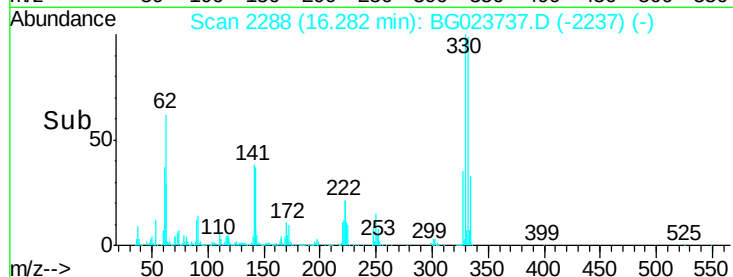
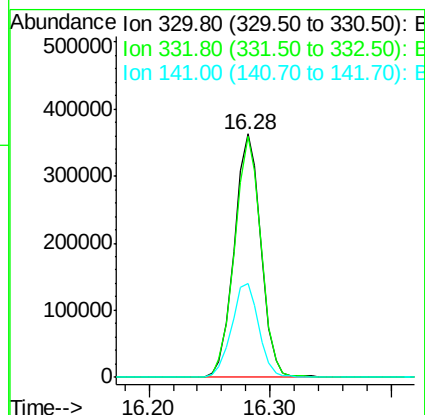
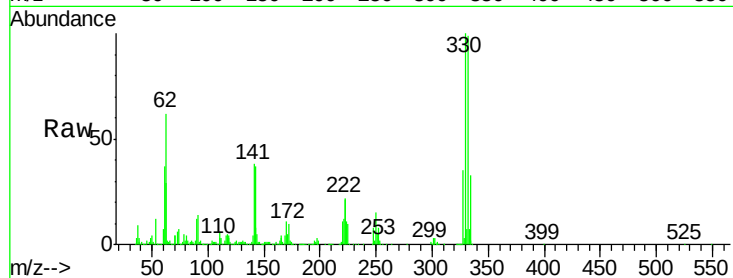




#41
2,4,6-Tribromophenol
Concen: 127.02 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

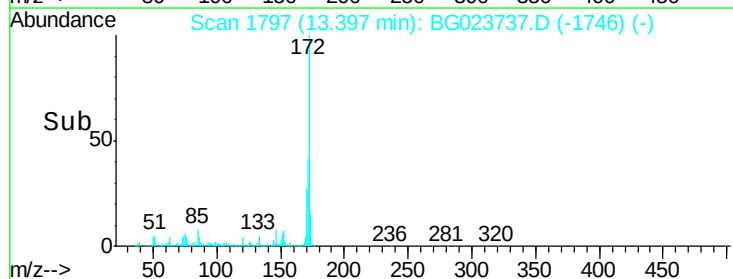
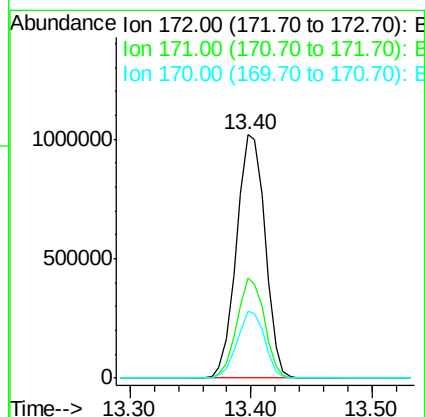
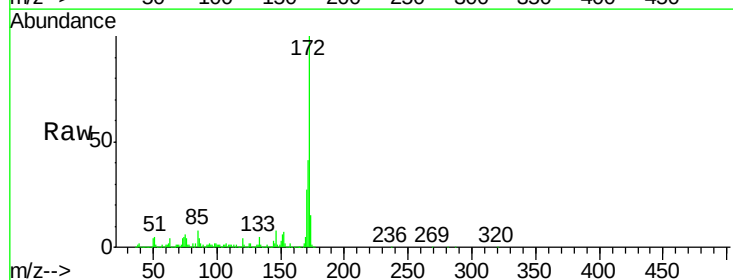
Instrument :
BNA_G
ClientSampleId :
MW-1

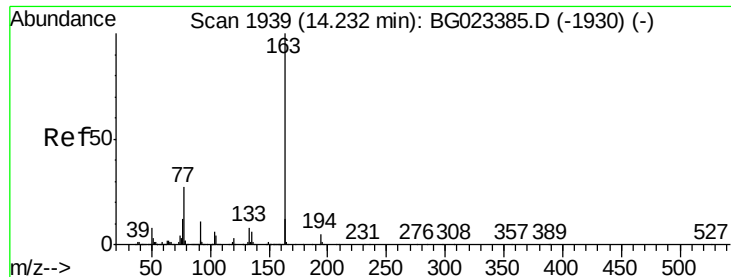
Tot Ion:330 Resp: 558035
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.2
141 39.4 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 94.67 ng
RT: 13.40 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

Tgt Ion:172 Resp: 1685907
Ion Ratio Lower Upper
172 100
171 40.9 31.6 47.4
170 27.3 21.3 31.9





#49

Dimethylphthalate

Concen: 6.20 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

Instrument :

BNA_G

ClientSampleId :

MW-1

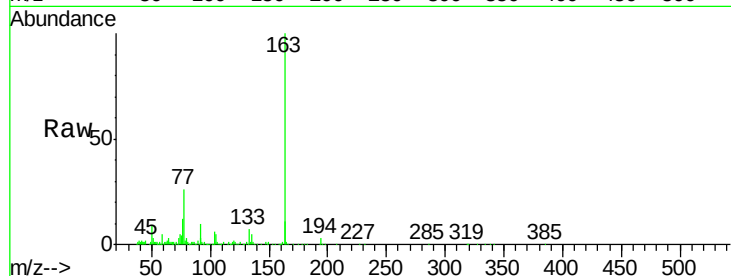
Tot Ion:163 Resp: 142779

Ion Ratio Lower Upper

163 100

194 3.3 3.6 5.4#

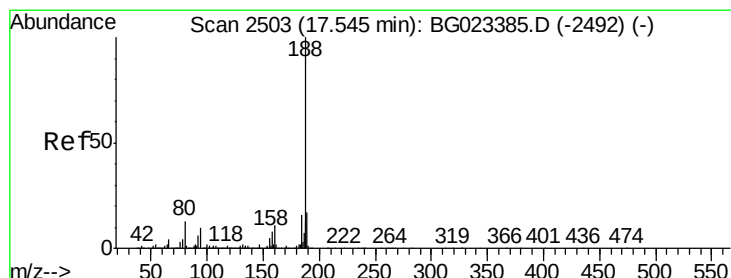
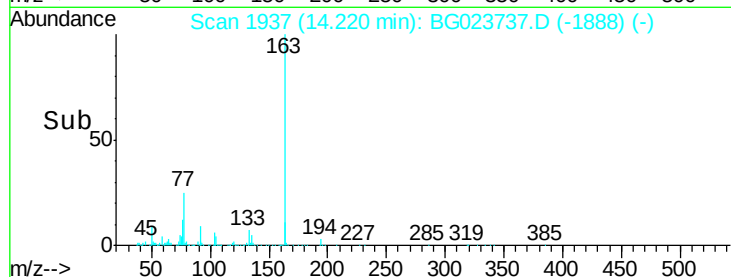
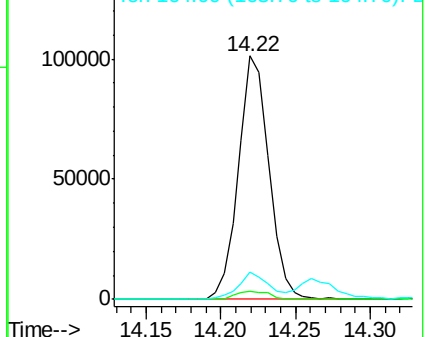
164 11.1 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

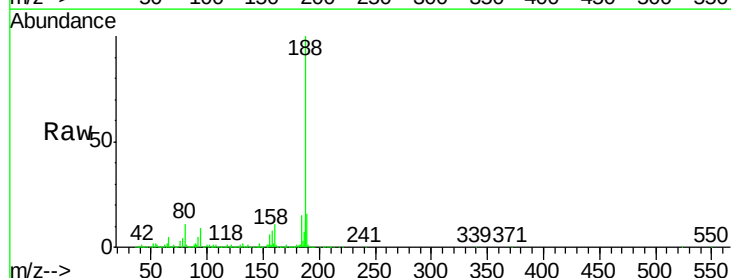
Tgt Ion:188 Resp: 716053

Ion Ratio Lower Upper

188 100

94 8.7 5.2 7.8#

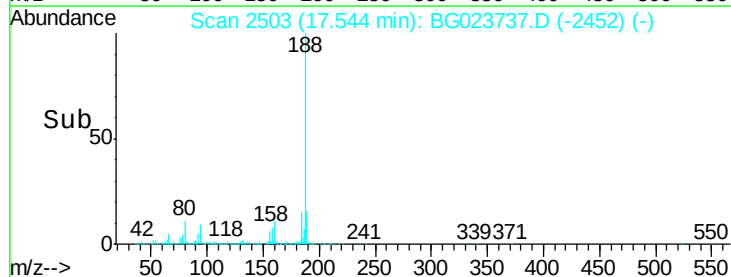
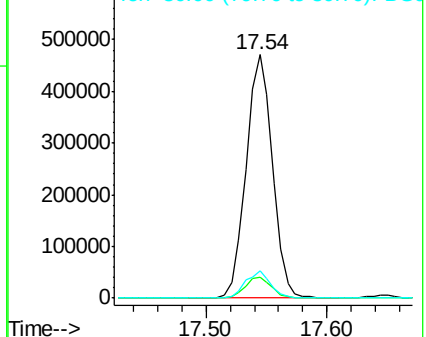
80 11.4 7.2 10.8#

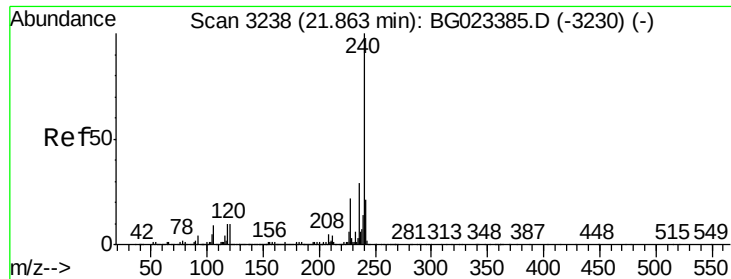


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

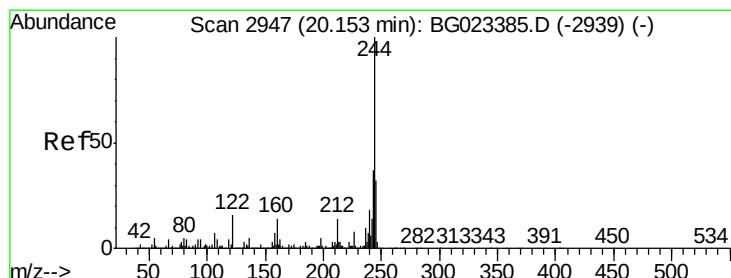
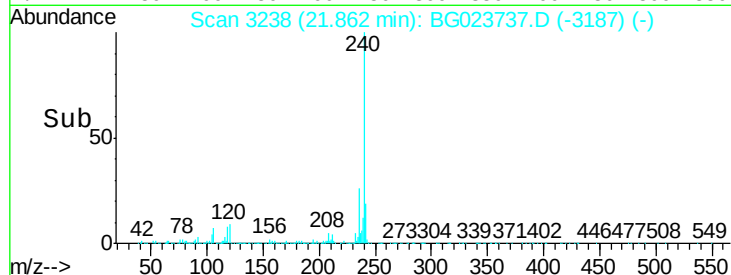
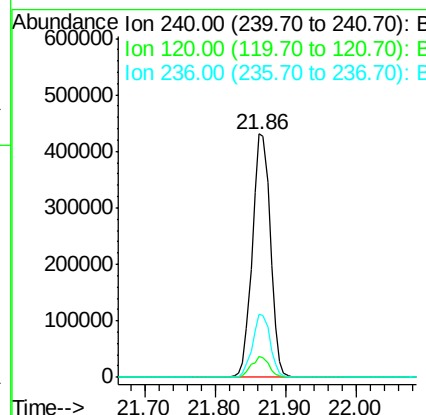
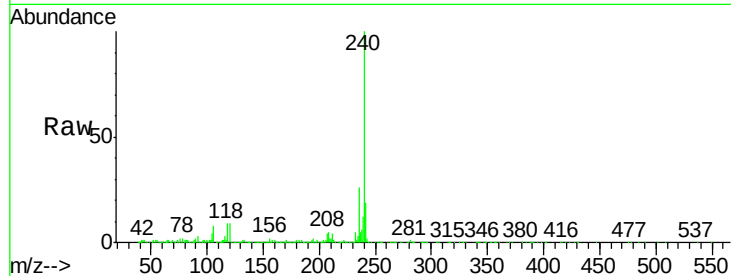




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

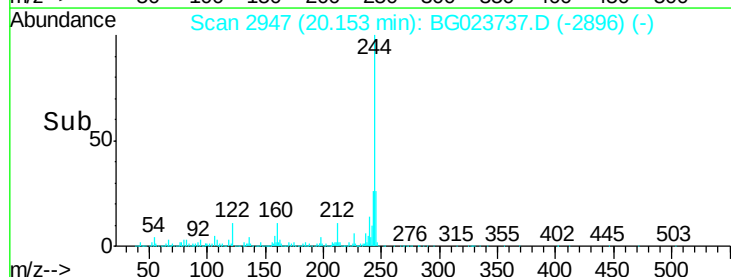
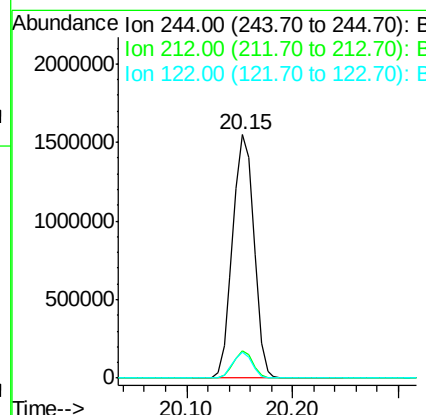
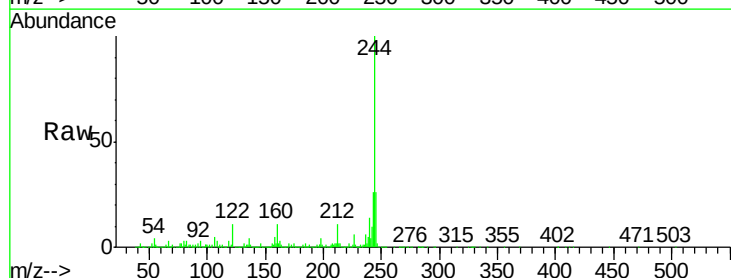
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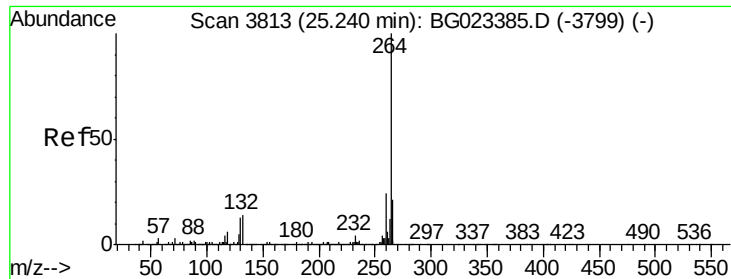
Tot Ion:240 Resp: 771308
Ion Ratio Lower Upper
240 100
120 8.8 4.1 6.1#
236 25.8 21.1 31.7



#78
Terphenyl-d14
Concen: 88.29 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

Tgt Ion:244 Resp: 2157755
Ion Ratio Lower Upper
244 100
212 11.2 10.8 16.2
122 10.5 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. 0.02 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

Instrument :
BNA_G
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	21.2	18.9	28.3

