

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
 Data File : BG023736.D
 Acq On : 16 Aug 2016 20:33
 Operator : UM/SJ
 Sample : H4422-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Aug 17 01:31:57 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

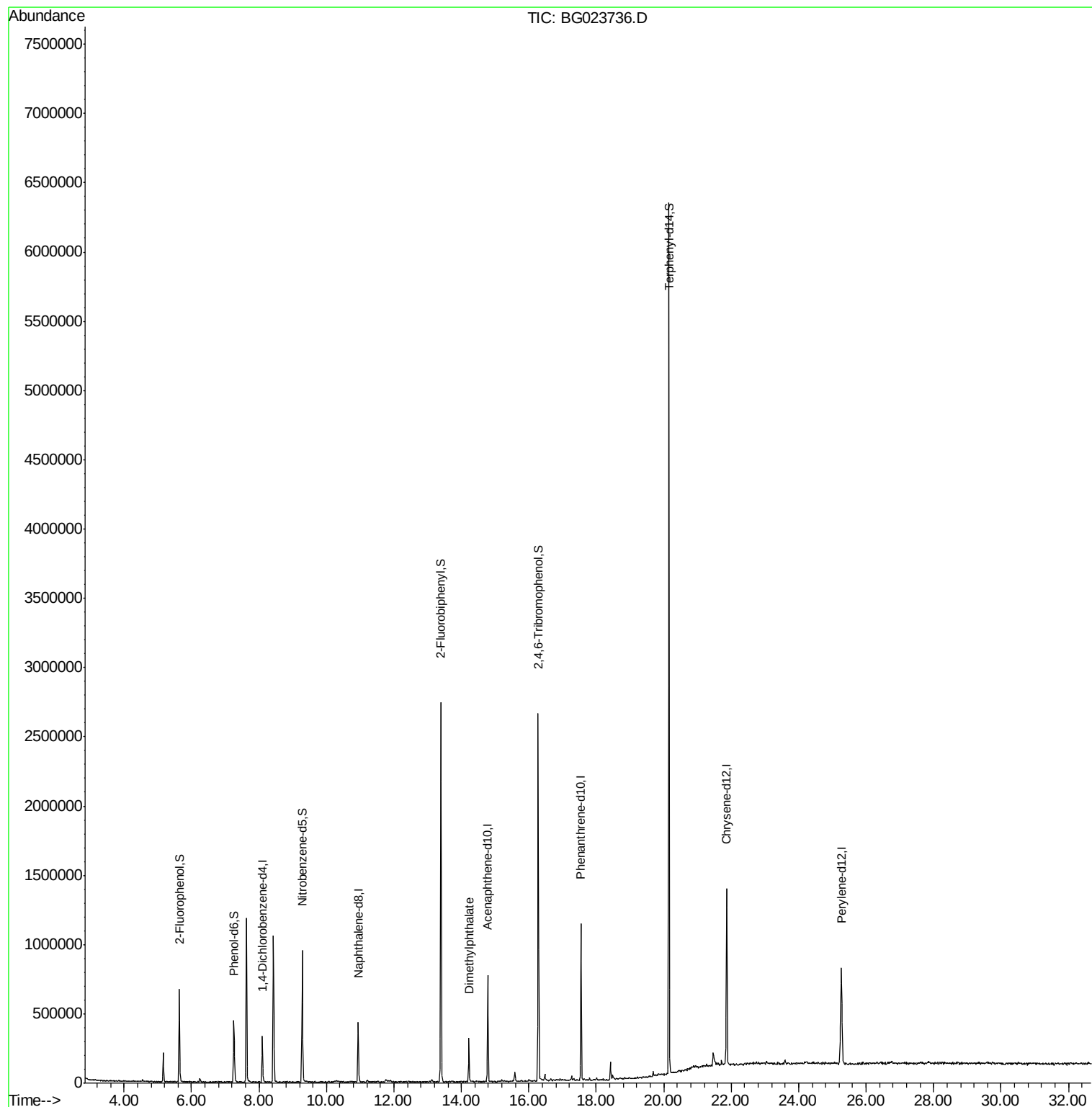
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	86765	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	370586	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	253793	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	669664	20.00	ng	0.00
75) Chrysene-d12	21.86	240	772370	20.00	ng	0.00
86) Perylene-d12	25.27	264	767621	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	291147	56.48	ng	-0.02
7) Phenol-d6	7.26	99	272961	34.00	ng	-0.02
23) Nitrobenzene-d5	9.28	82	628870	84.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	510994	137.65	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1334537	88.69	ng	0.00
78) Terphenyl-d14	20.16	244	2378266	99.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	193153	9.92	ng	Qvalue 97

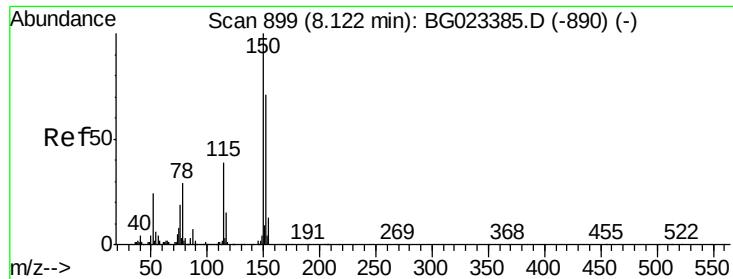
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023736.D

Acq: 16 Aug 2016 20:33

Instrument :

BNA_G

ClientSampled :

MW-4

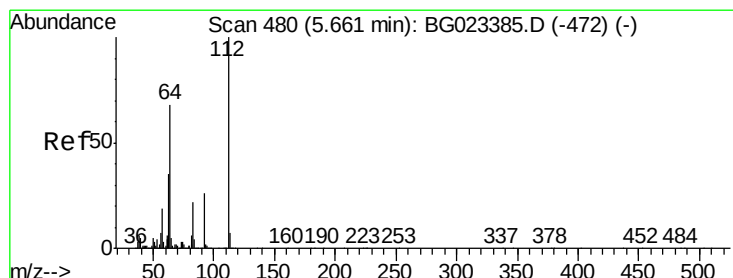
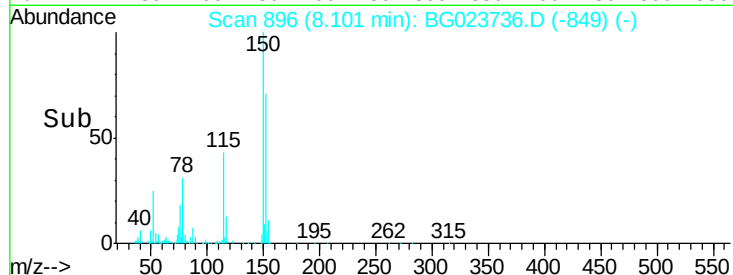
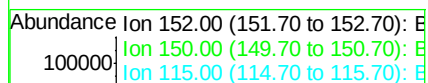
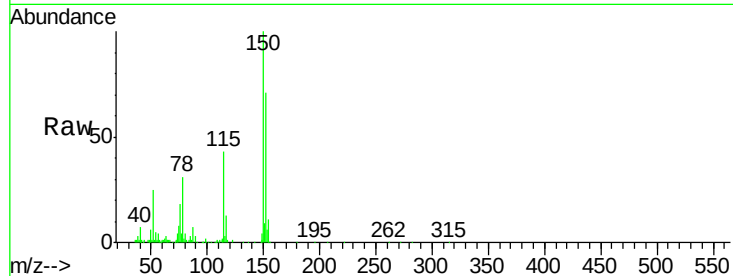
Tot Ion:152 Resp: 86765

Ion Ratio Lower Upper

152 100

150 141.2 144.7 217.1#

115 60.5 64.0 96.0#



#5

2-Fluorophenol

Concen: 56.48 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

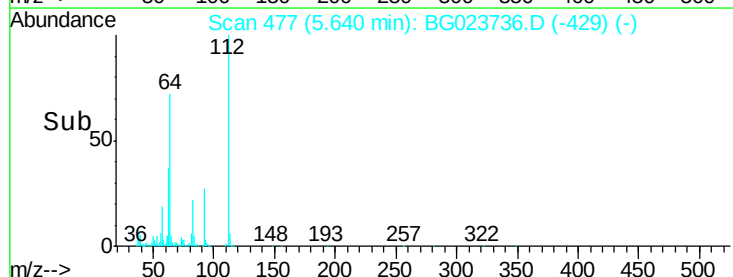
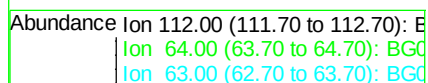
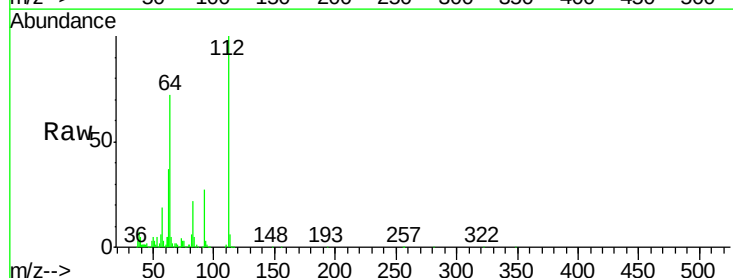
Tgt Ion:112 Resp: 291147

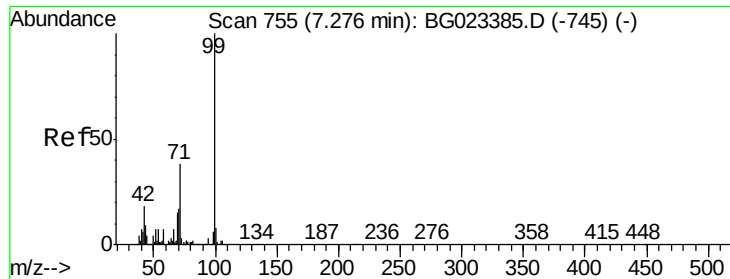
Ion Ratio Lower Upper

112 100

64 71.9 59.0 88.4

63 37.2 37.8 56.8#





#7

Phenol-d6

Concen: 34.00 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

Instrument :

BNA_G

ClientSampleId :

MW-4

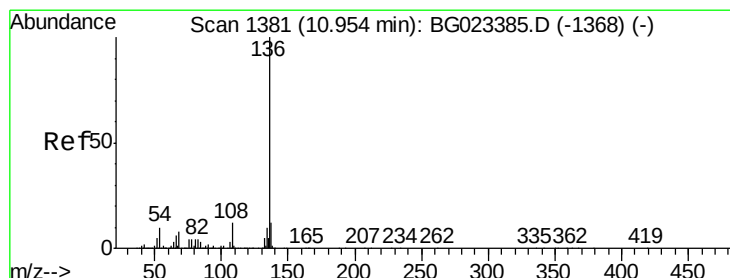
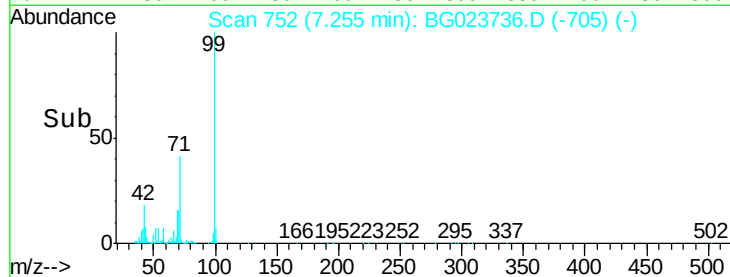
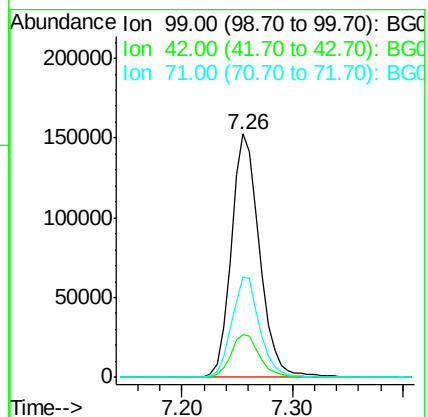
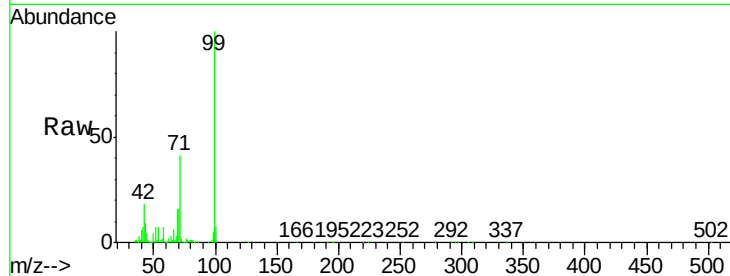
Tot Ion: 99 Resp: 272961

Ion Ratio Lower Upper

99 100

42 17.7 17.8 26.6#

71 41.2 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.02 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

Tgt Ion: 136 Resp: 370586

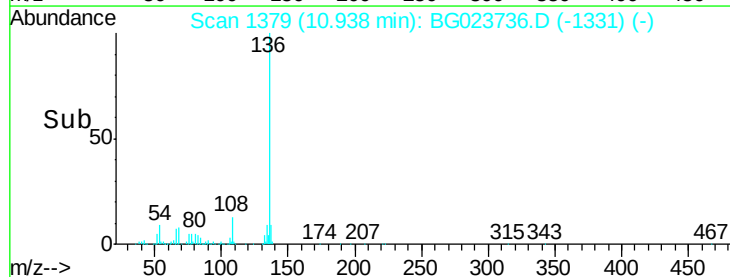
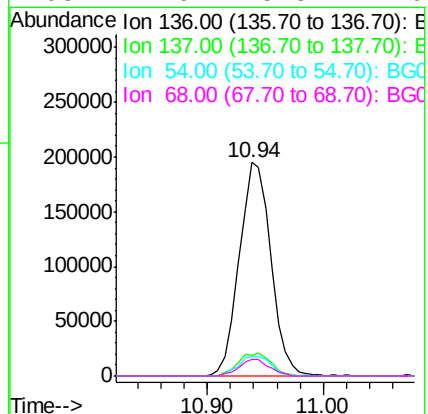
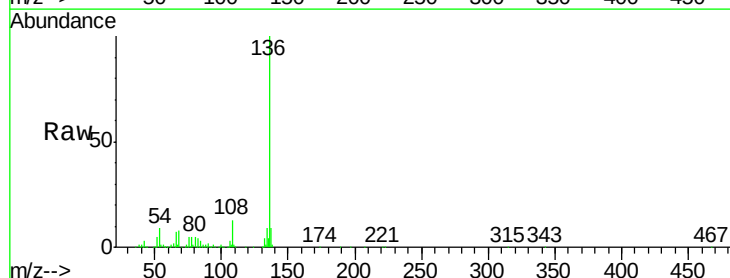
Ion Ratio Lower Upper

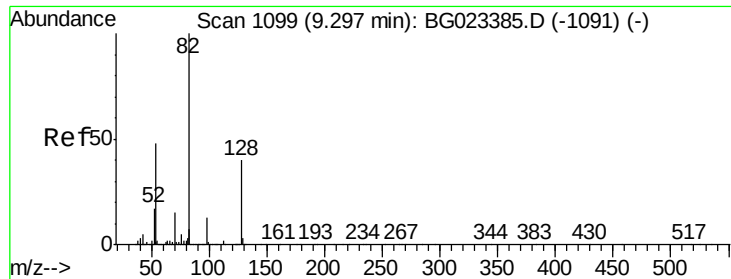
136 100

137 9.5 9.6 14.4#

54 8.7 7.3 10.9

68 7.9 5.3 7.9

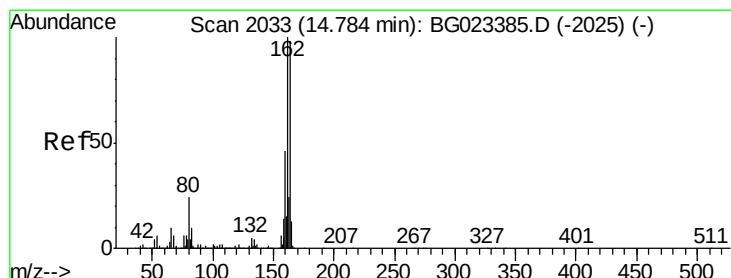
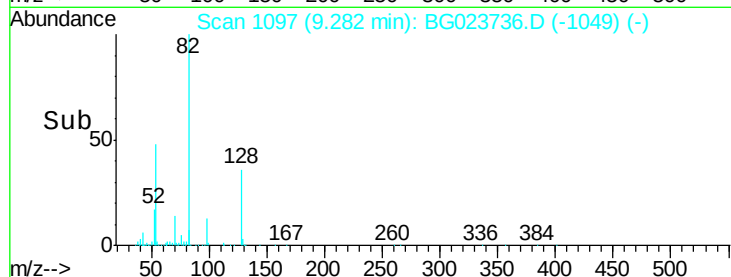
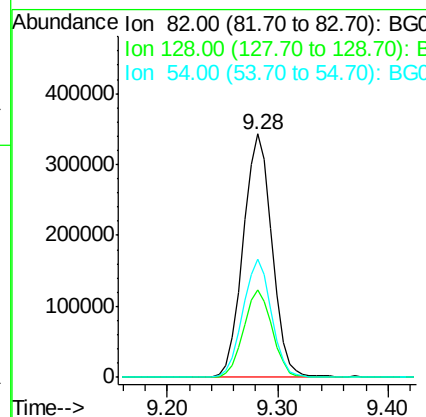
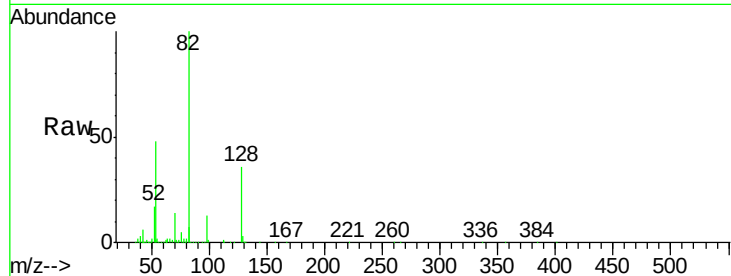




#23
 Nitrobenzene-d5
 Concen: 84.36 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG023736.D
 Acq: 16 Aug 2016 20:33

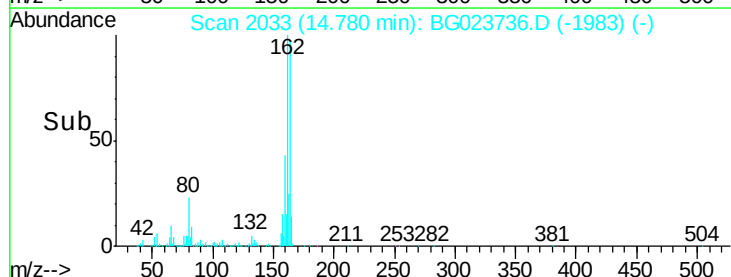
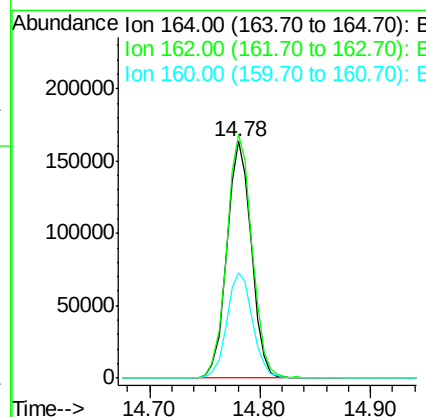
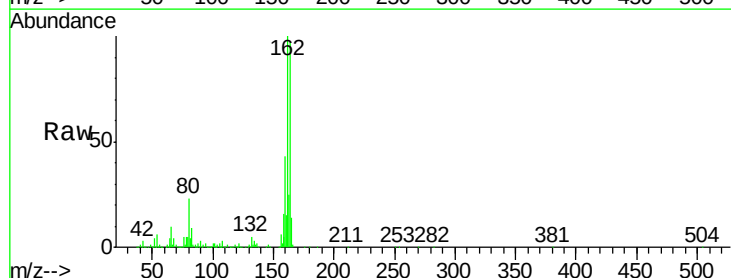
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

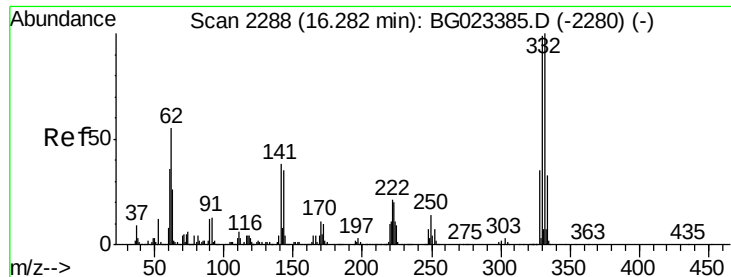
Tot Ion	82	Resp	628870
Ion Ratio	Lower	Upper	
82	100		
128	35.8	24.4	36.6
54	48.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023736.D
 Acq: 16 Aug 2016 20:33

Tgt Ion	164	Resp	253793
Ion Ratio	Lower	Upper	
164	100		
162	102.9	87.7	131.5
160	44.5	37.2	55.8

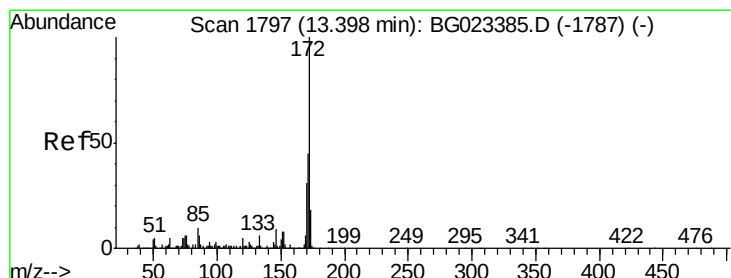
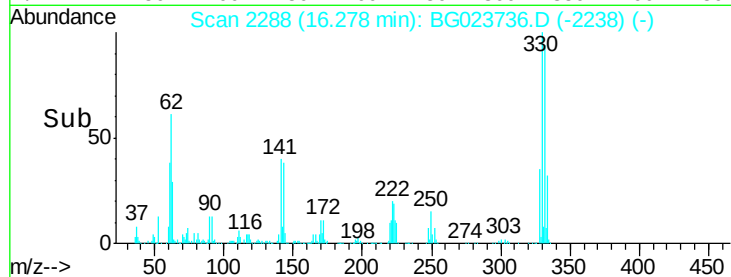
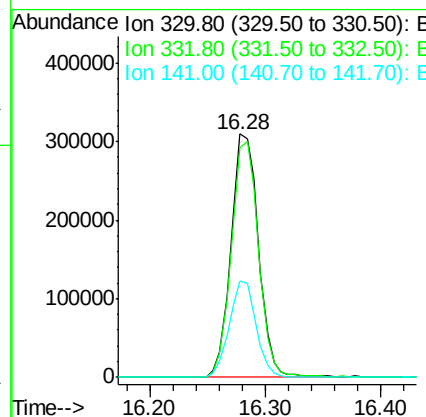
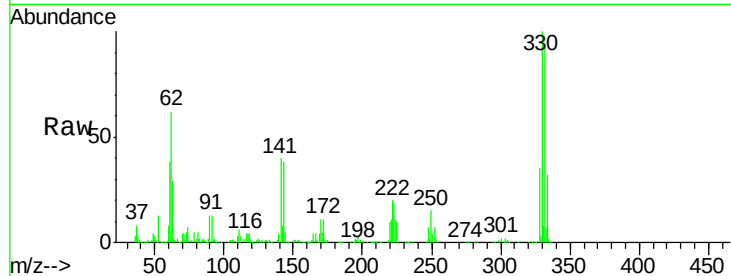




#41
 2,4,6-Tribromophenol
 Concen: 137.65 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023736.D
 Acq: 16 Aug 2016 20:33

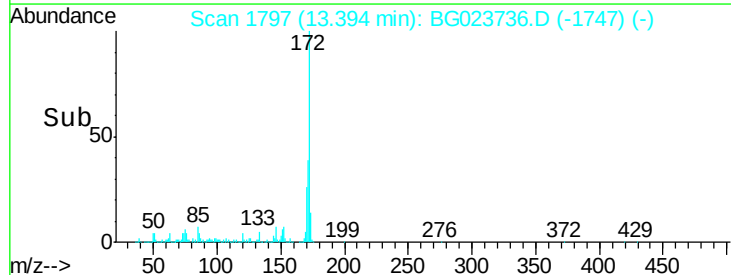
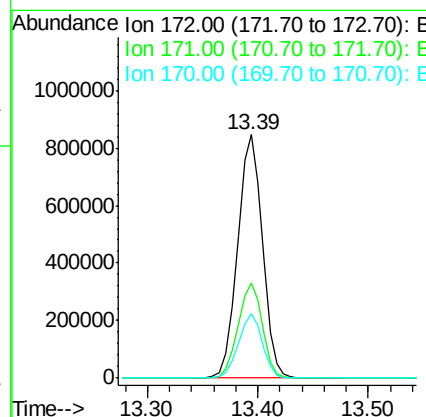
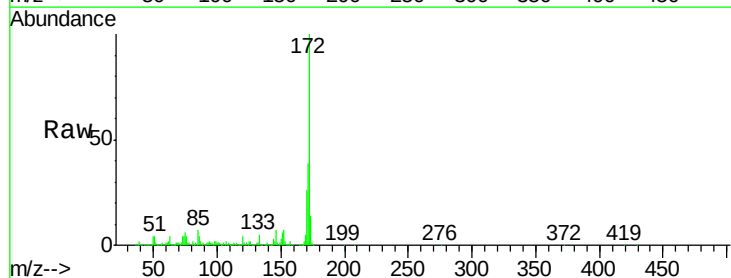
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

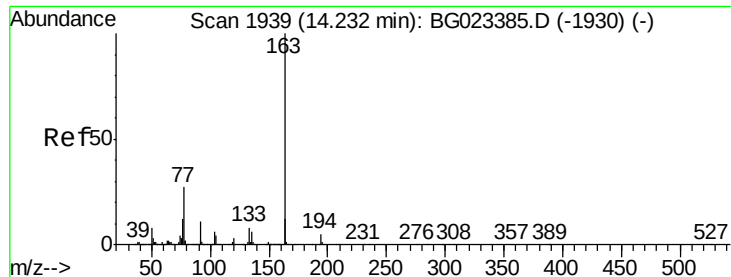
Tot Ion:330 Resp: 510994
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 38.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 88.69 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023736.D
 Acq: 16 Aug 2016 20:33

Tgt Ion:172 Resp: 1334537
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.6 47.4
 170 26.3 21.3 31.9





#49

Dimethylphthalate

Concen: 9.92 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

Instrument :

BNA_G

ClientSampleId :

MW-4

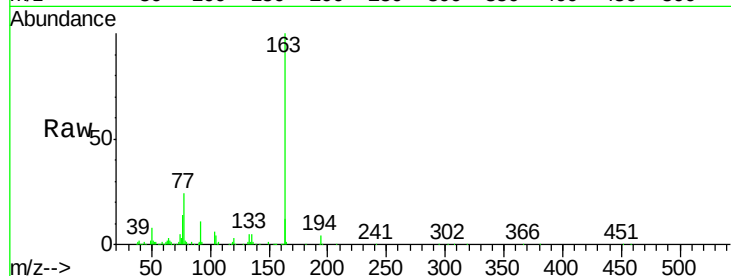
Tot Ion:163 Resp: 193153

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

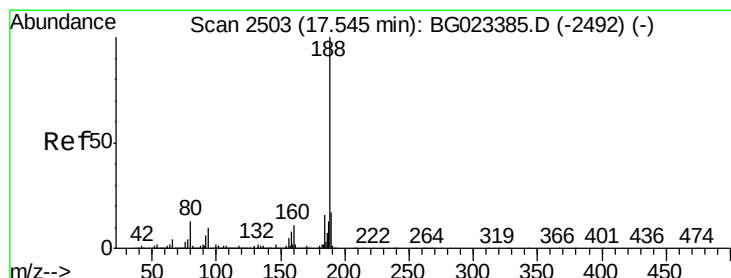
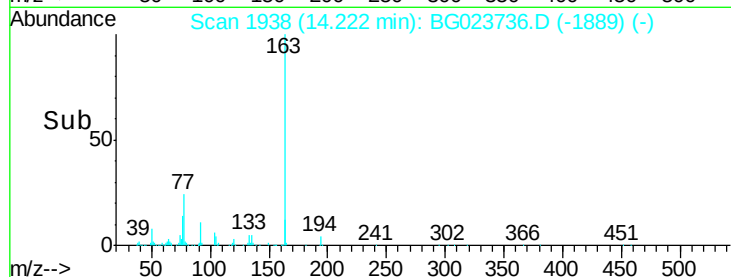
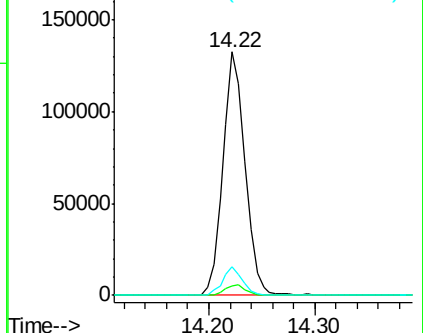
164 11.5 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

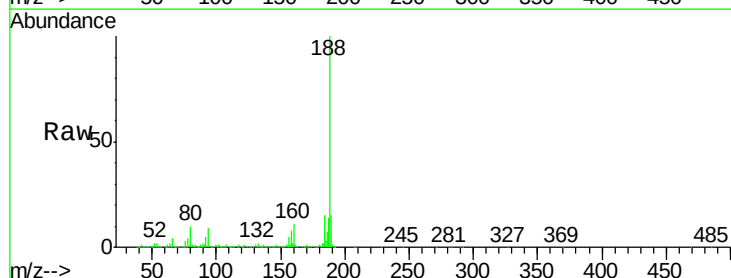
Tgt Ion:188 Resp: 669664

Ion Ratio Lower Upper

188 100

94 9.0 5.2 7.8#

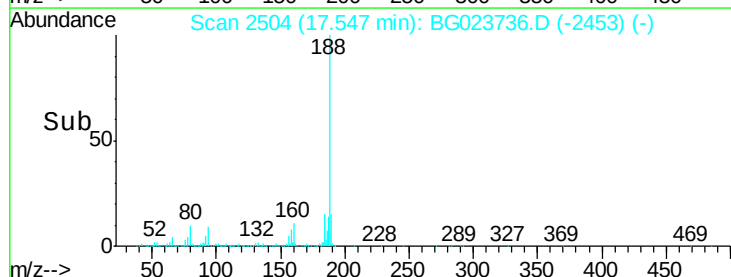
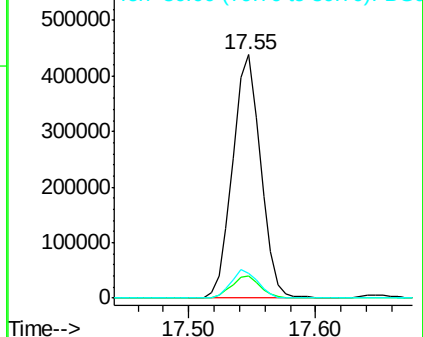
80 10.1 7.2 10.8

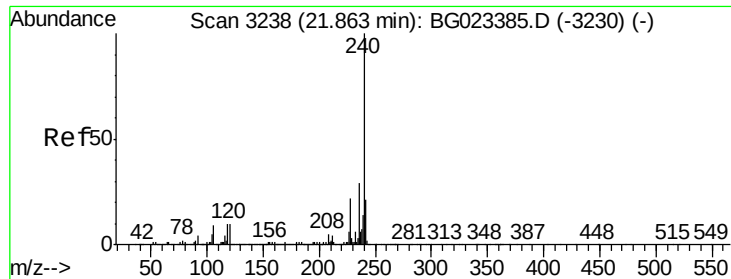


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

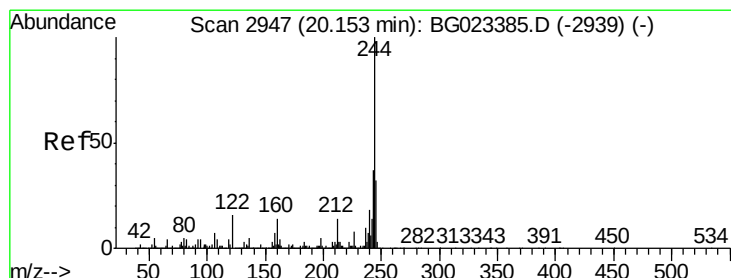
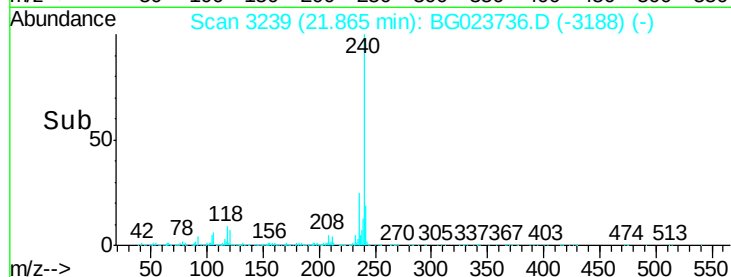
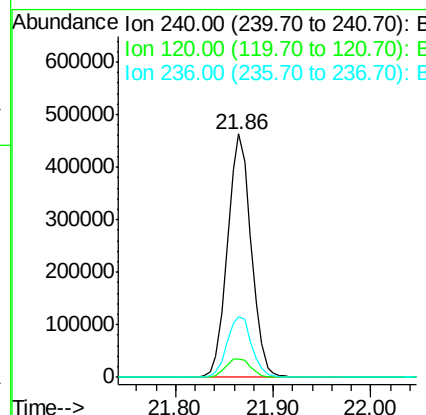
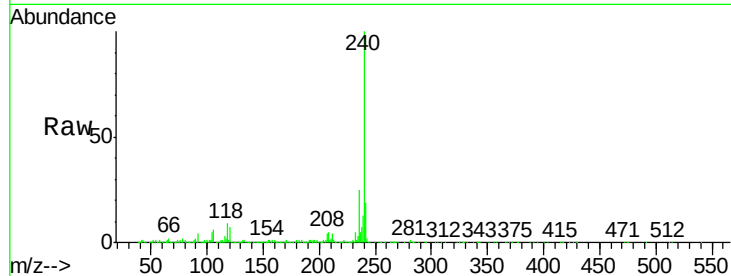




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BG023736.D
 Acq: 16 Aug 2016 20:33

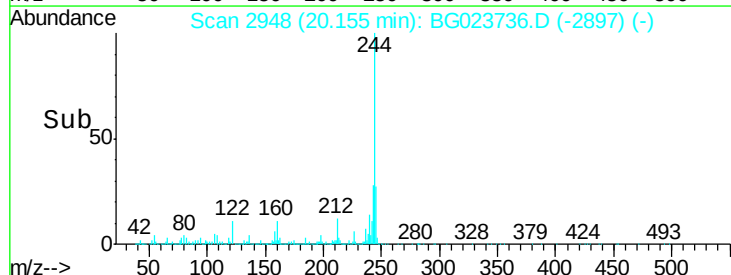
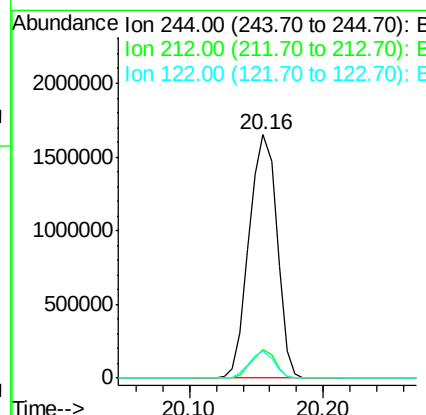
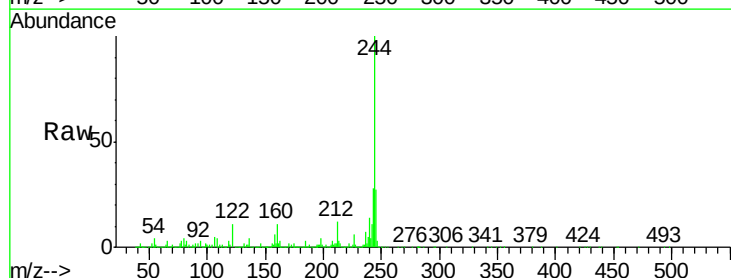
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

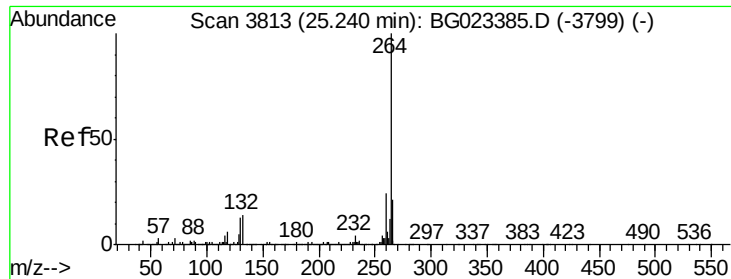
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.1	6.1
236	25.0	21.1	31.7



#78
 Terphenyl-d14
 Concen: 99.66 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023736.D
 Acq: 16 Aug 2016 20:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.8	16.2
122	11.2	8.0	12.0

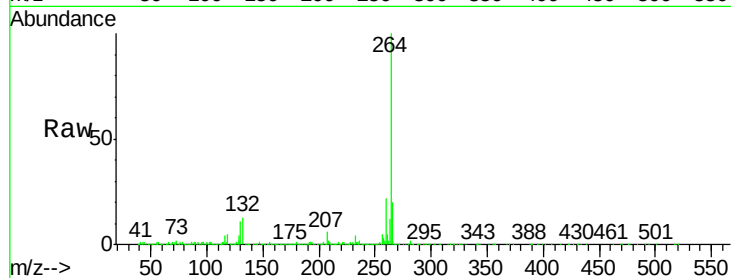




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3818
Delta R.T. 0.03 min
Lab File: BG023736.D
Acq: 16 Aug 2016 20:33

Instrument :
BNA_G
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	20.1	18.9	28.3



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

