

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023915.D
 Acq On : 26 Aug 2016 6:22
 Operator : UM/SJ
 Sample : H4588-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Aug 26 07:01:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

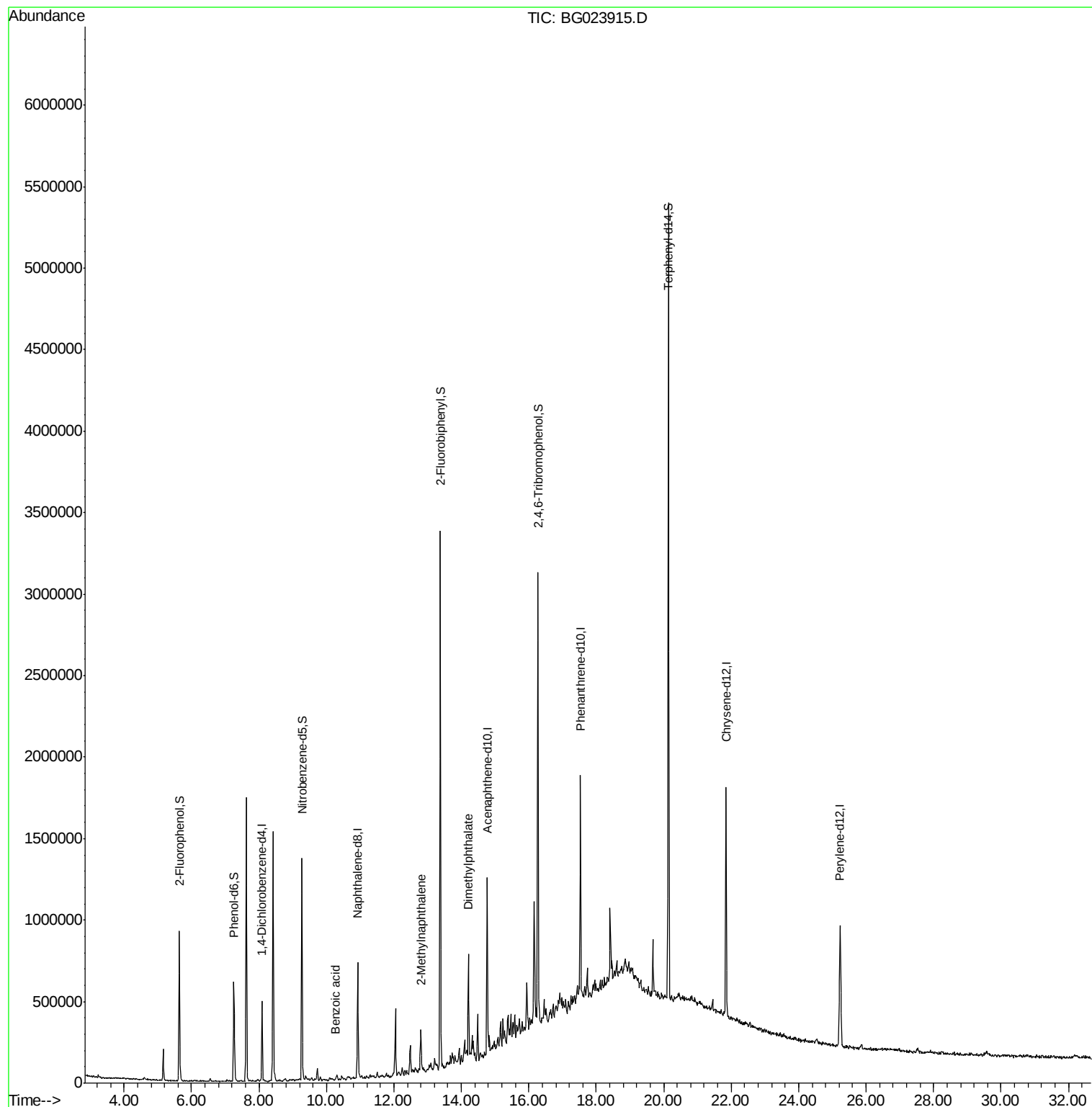
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	127390	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	565169	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	366229	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	799836	20.00	ng	0.00
75) Chrysene-d12	21.85	240	828488	20.00	ng	0.00
86) Perylene-d12	25.23	264	813679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	399604	52.80	ng	0.00
7) Phenol-d6	7.26	99	366452	31.09	ng	0.00
23) Nitrobenzene-d5	9.27	82	863365	75.95	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	475205	88.71	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1601789	73.77	ng	0.00
78) Terphenyl-d14	20.14	244	1879420	66.92	ng	0.00
Target Compounds						
9) Benzaldehyde	7.22	77	71	Below Cal	#	8
32) Benzoic acid	10.26	122	107	6.45 ng	#	70
37) 2-Methylnaphthalene	12.81	142	104880	4.79 ng		94
49) Dimethylphthalate	14.21	163	391218	13.92 ng		99
73) Di-n-butylphthalate	18.48	149	5235	Below Cal	#	21
74) Fluoranthene	19.59	202	4944	Below Cal	#	24
77) Pyrene	19.95	202	8674	Below Cal	#	69

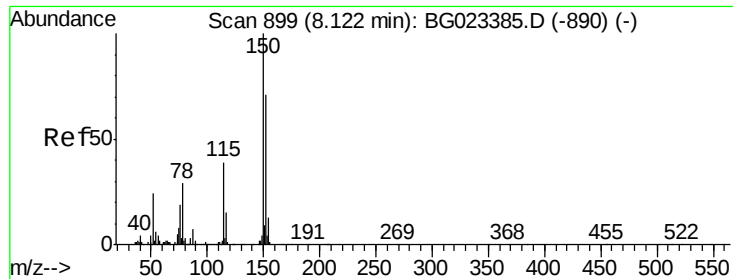
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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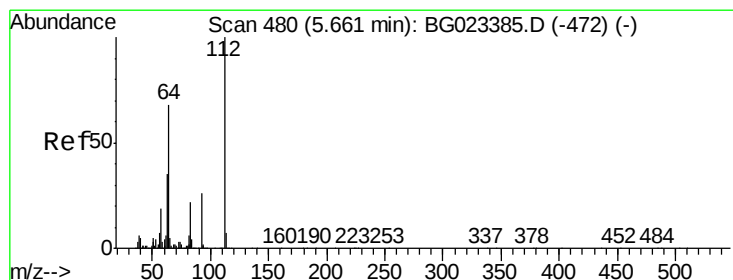
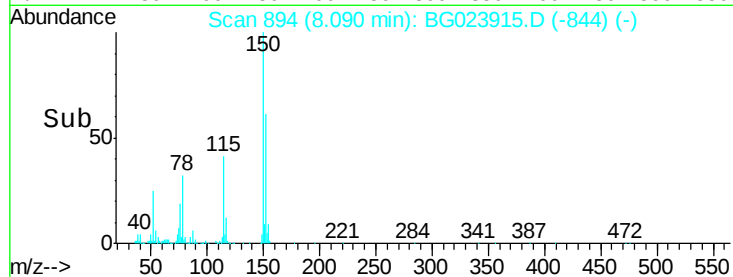
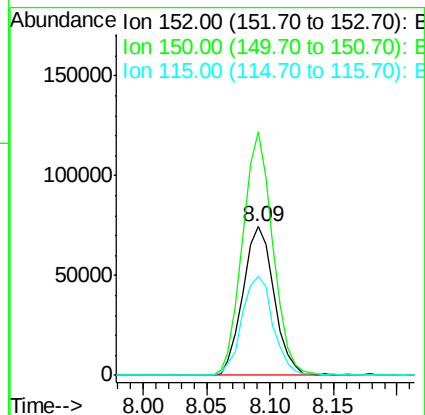
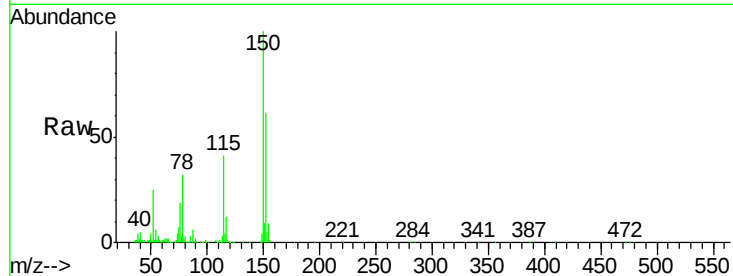


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

Instrument :
BNA_G
ClientSampleId :
MW-06

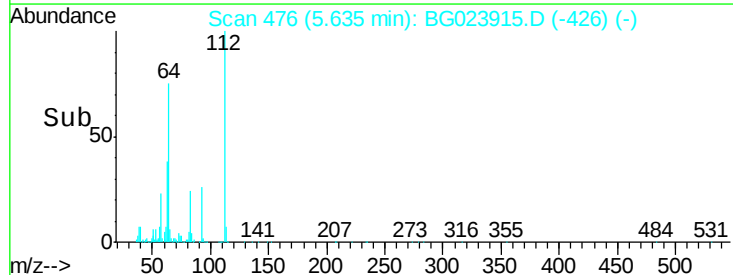
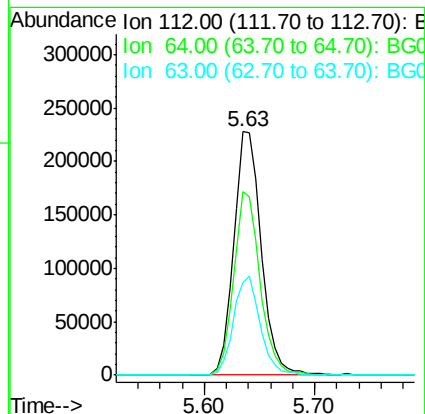
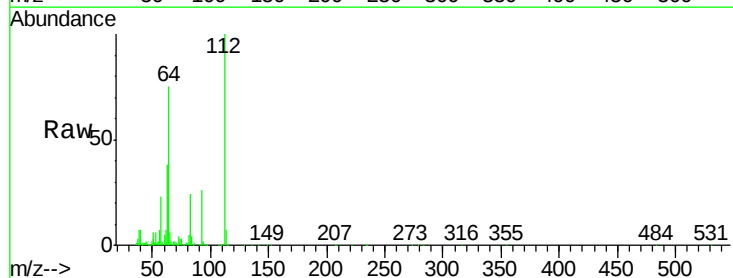
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.6	144.7	217.1
115	66.6	64.0	96.0

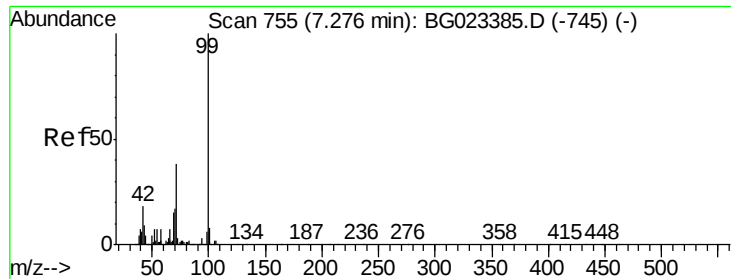


#5

2-Fluorophenol
Concen: 52.80 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	59.0	88.4
63	37.9	37.8	56.8





#7

Phenol-d6

Concen: 31.09 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Instrument :

BNA_G

ClientSampled :

MW-06

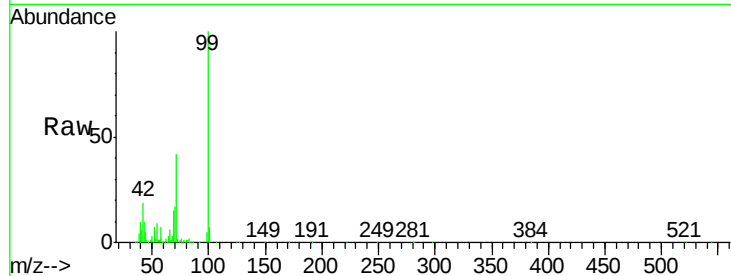
Tgt Ion: 99 Resp: 366452

Ion Ratio Lower Upper

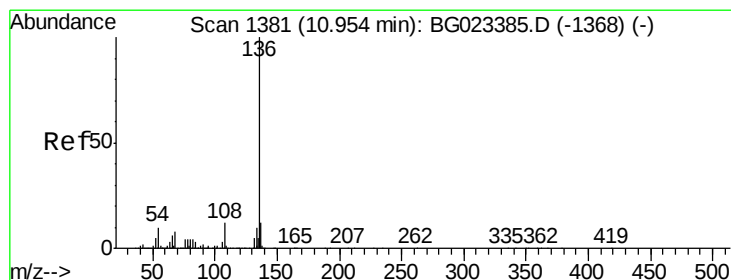
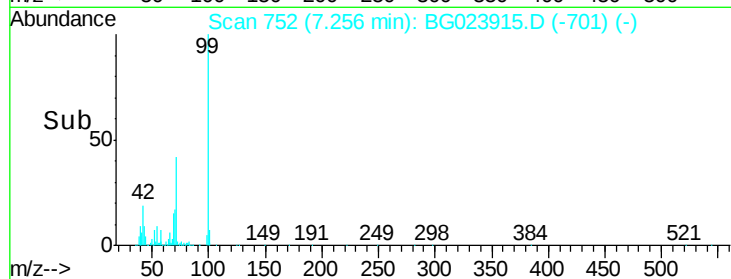
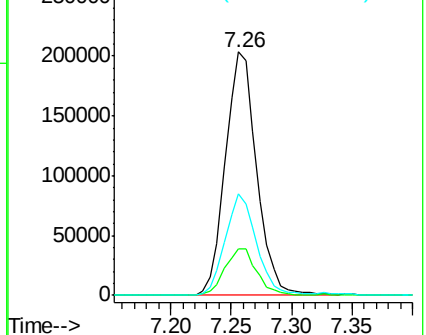
99 100

42 18.9 17.8 26.6

71 41.6 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: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Tgt Ion: 136 Resp: 565169

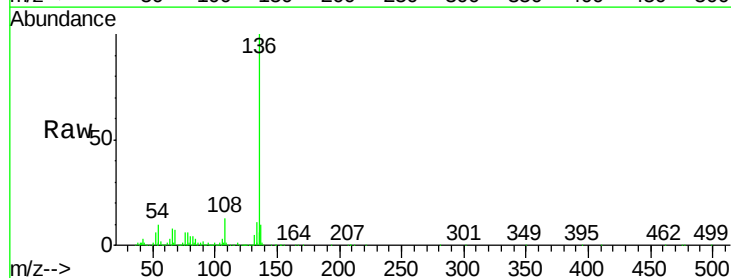
Ion Ratio Lower Upper

136 100

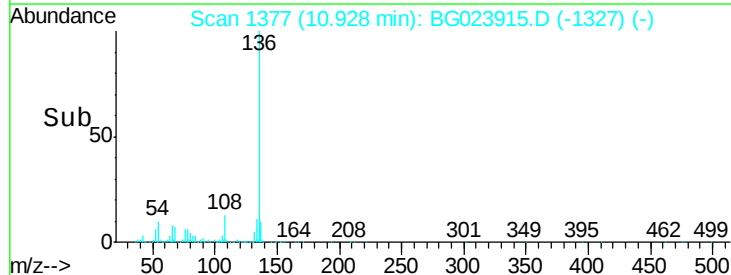
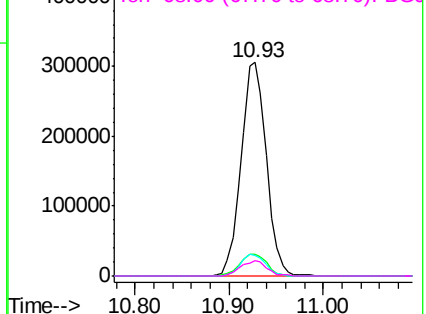
137 10.0 9.6 14.4

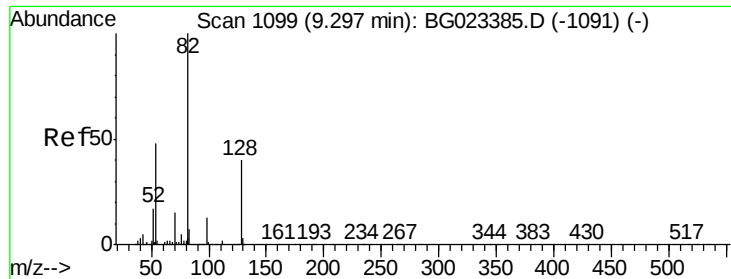
54 9.8 7.3 10.9

68 7.5 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

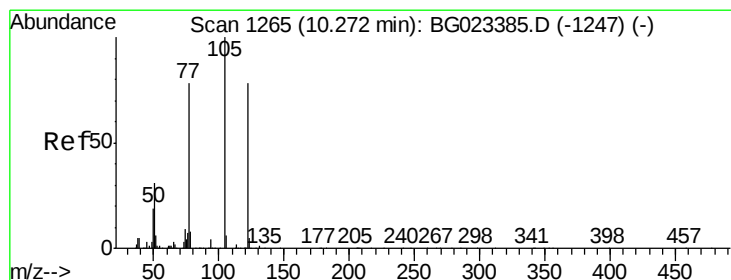
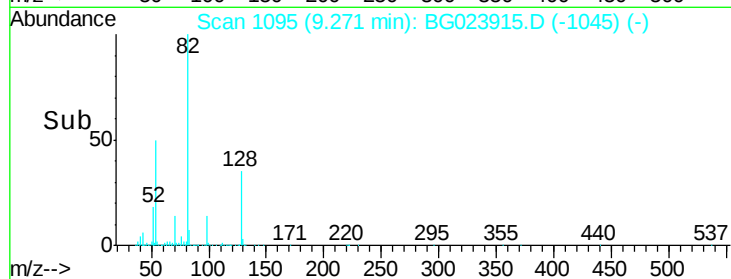
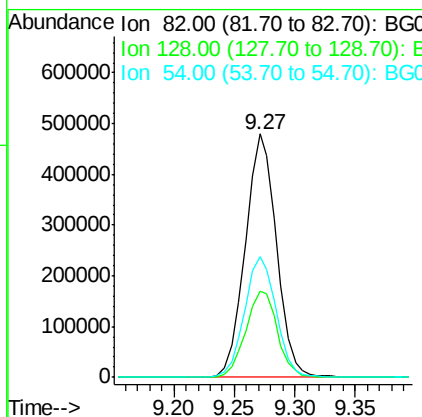
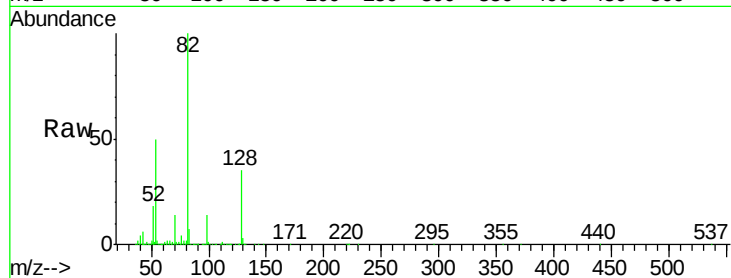




#23
Nitrobenzene-d5
Concen: 75.95 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

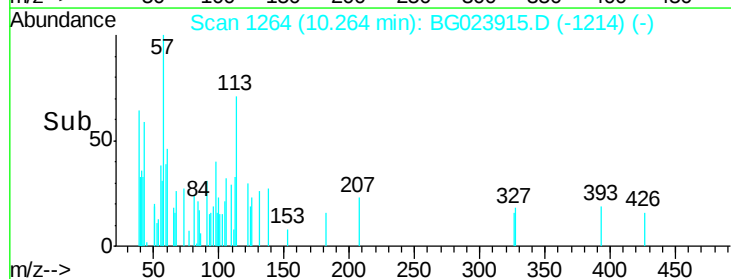
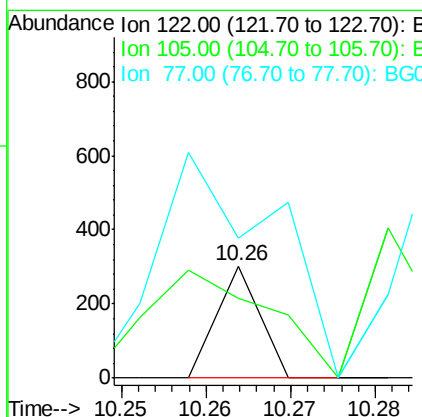
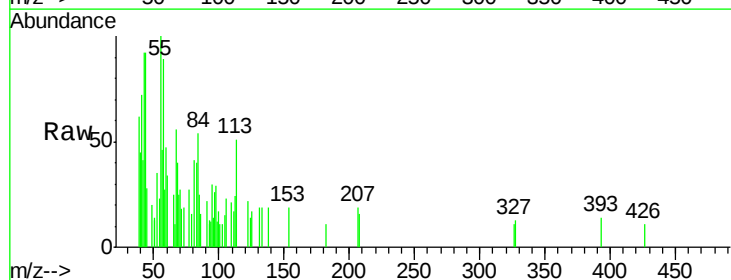
Instrument :
BNA_G
ClientSampleId :
MW-06

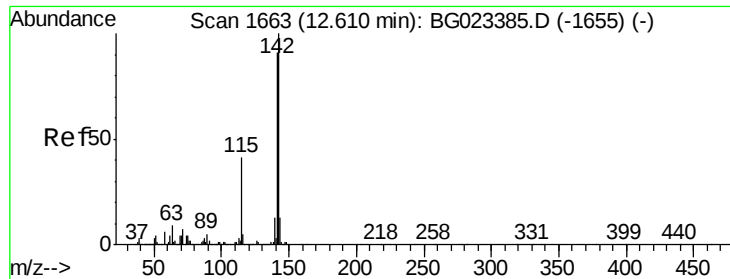
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	24.4	36.6
54	49.6	41.4	62.0



#32
Benzoic acid
Concen: 6.45 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	71.2	117.2	157.2#
77	124.8	109.2	149.2

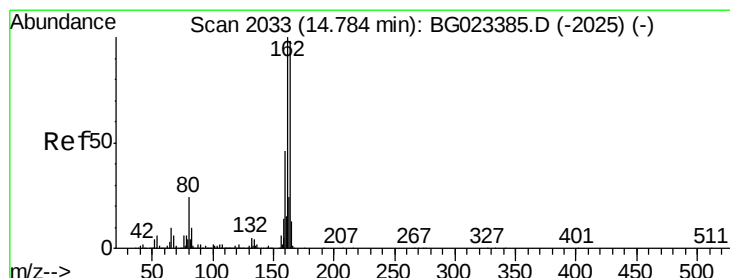
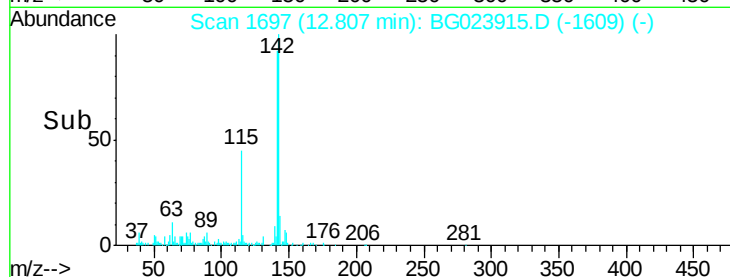
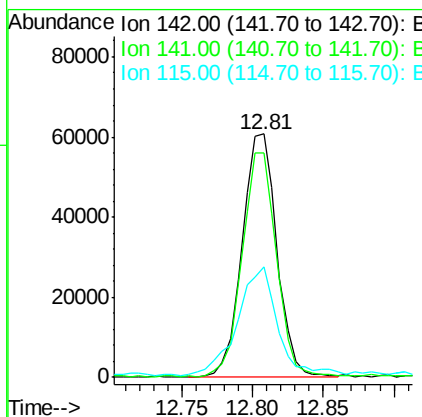
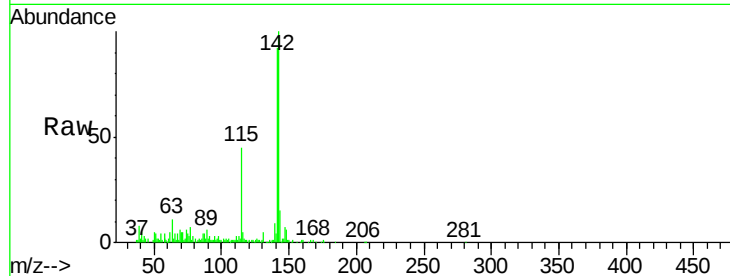




#37
2-Methylnaphthalene
Concen: 4.79 ng
RT: 12.81 min Scan# 1697
Delta R.T. 0.22 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

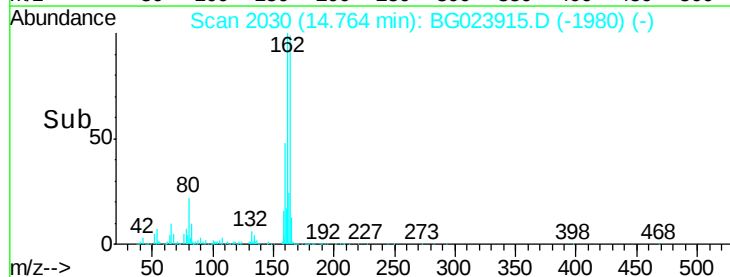
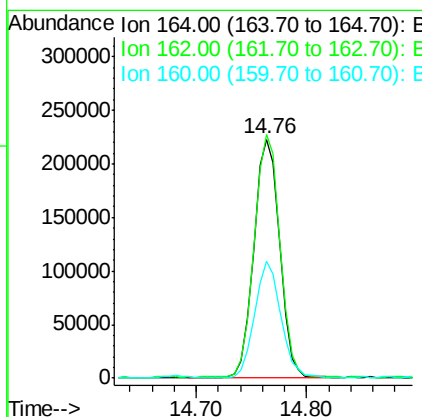
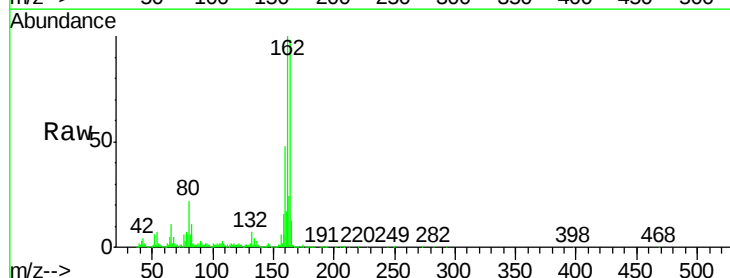
Instrument :
BNA_G
ClientSampleId :
MW-06

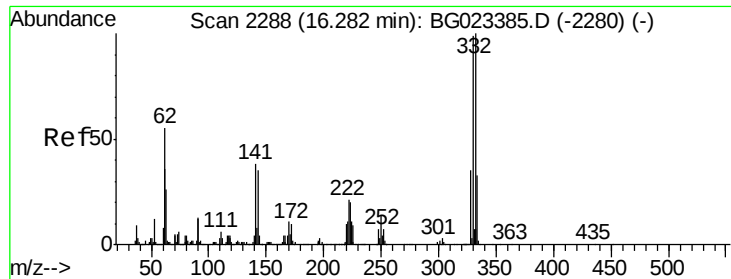
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.2	105.2
115	45.4	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	49.0	37.2	55.8

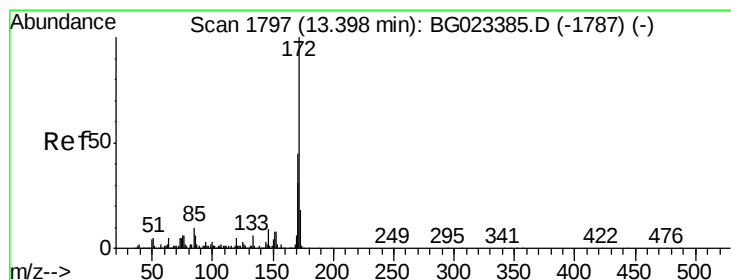
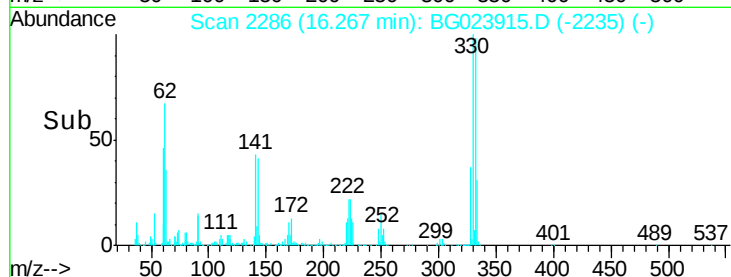
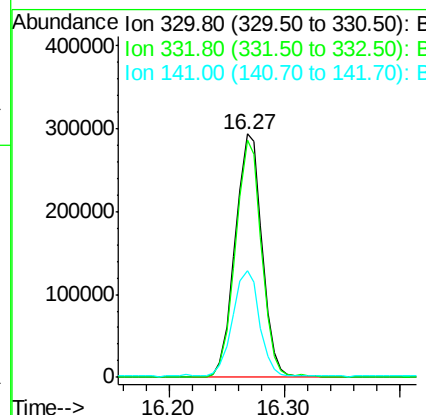
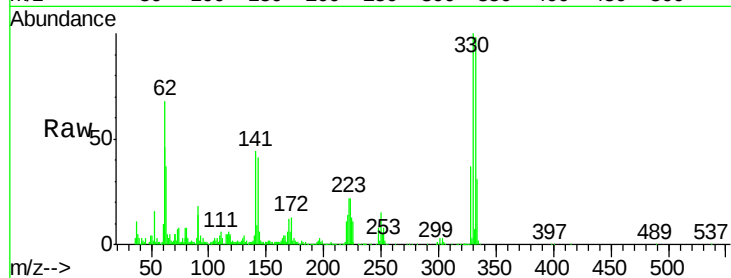




#41
2,4,6-Tribromophenol
Concen: 88.71 ng
RT: 16.27 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

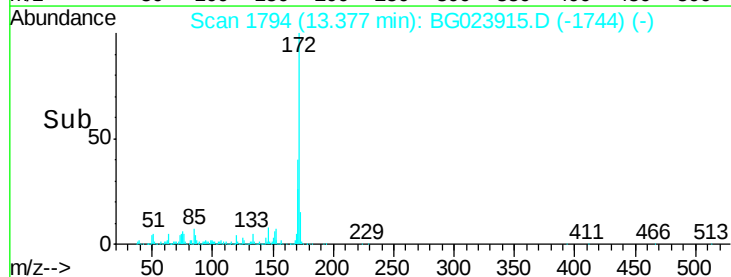
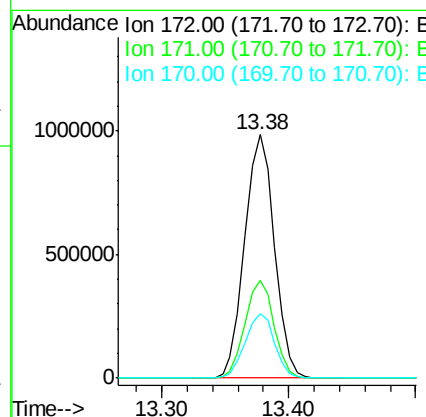
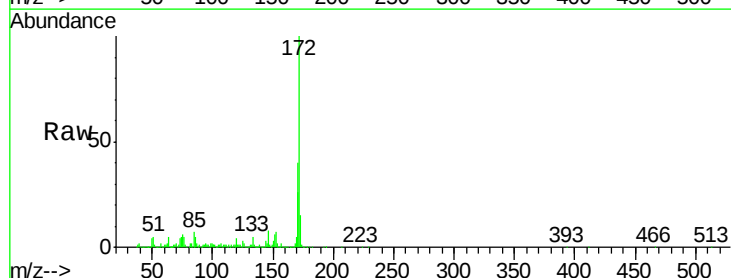
Instrument :
BNA_G
ClientSampleId :
MW-06

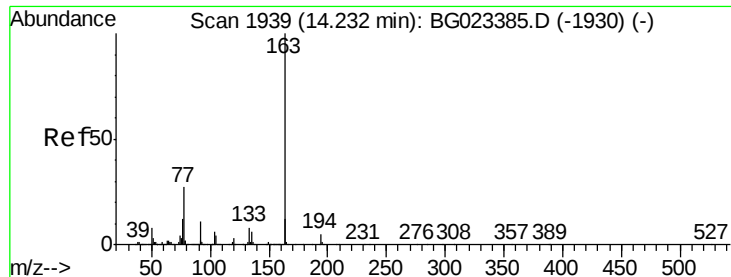
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.4	116.2
141	43.8	31.7	47.5



#44
2-Fluorobiphenyl
Concen: 73.77 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	26.2	21.3	31.9





#49

Dimethylphthalate

Concen: 13.92 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Instrument :

BNA_G

ClientSampleId :

MW-06

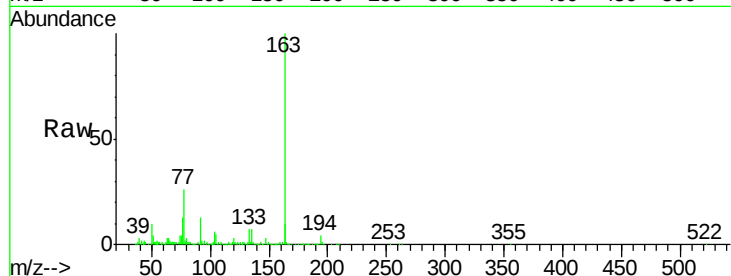
Tgt Ion:163 Resp: 391218

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

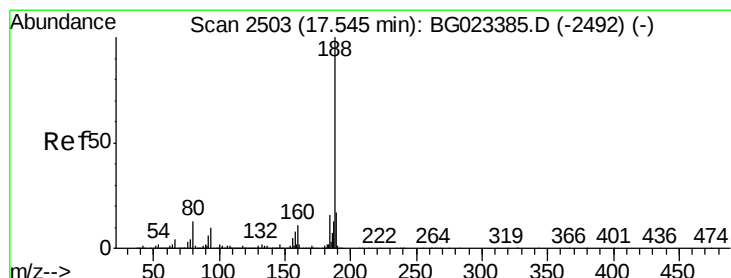
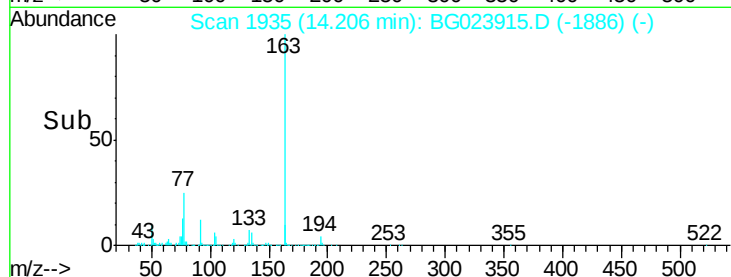
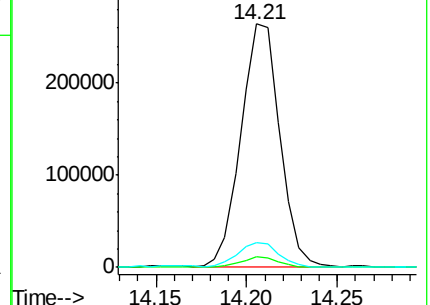
164 10.3 8.1 12.1



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: 17.53 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

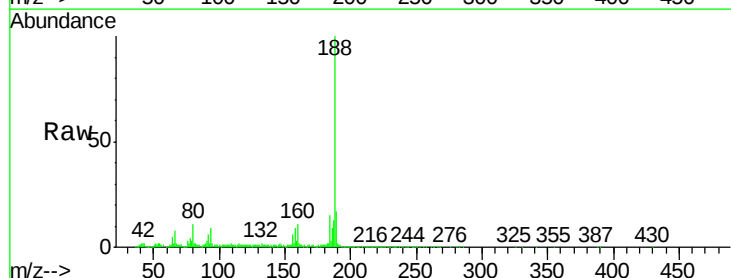
Tgt Ion:188 Resp: 799836

Ion Ratio Lower Upper

188 100

94 8.6 5.2 7.8#

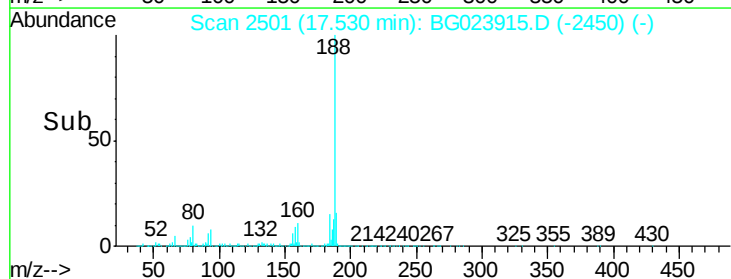
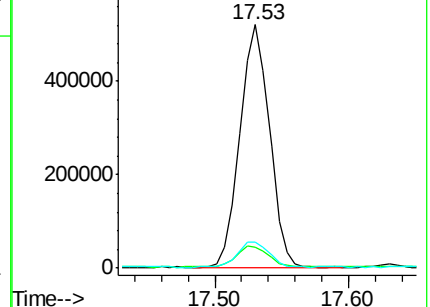
80 10.9 7.2 10.8#

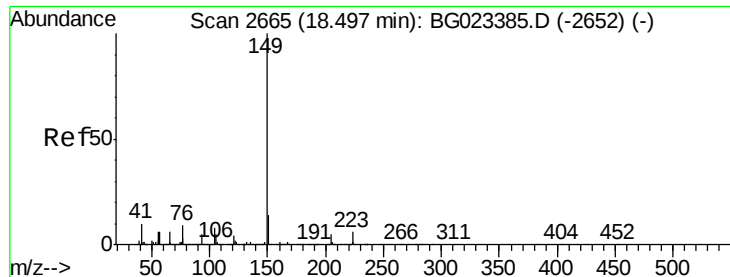


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

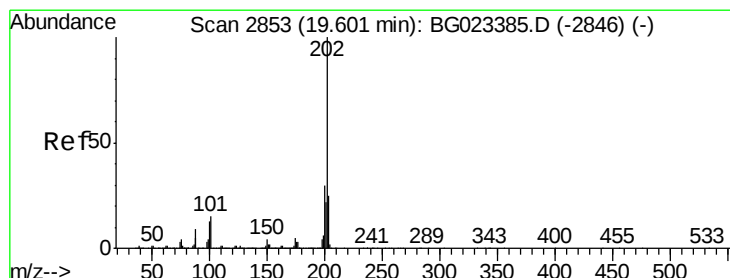
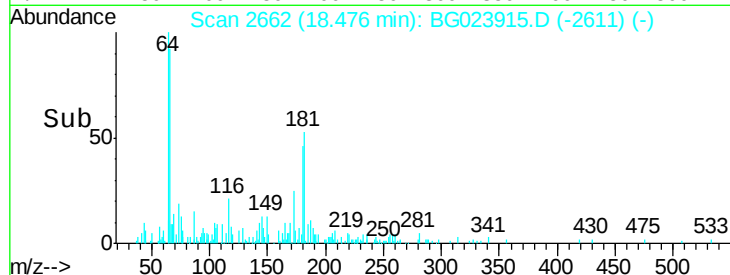
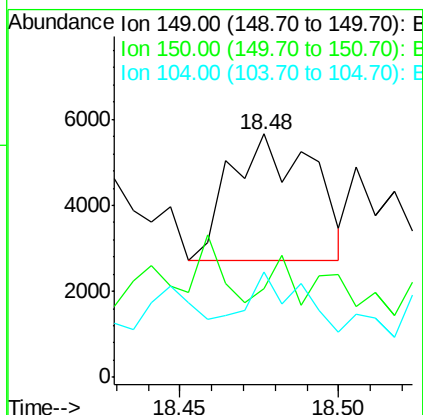
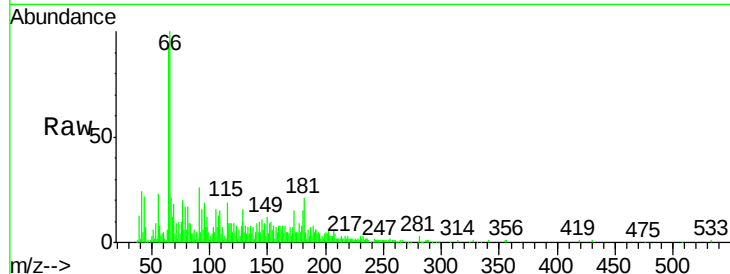




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

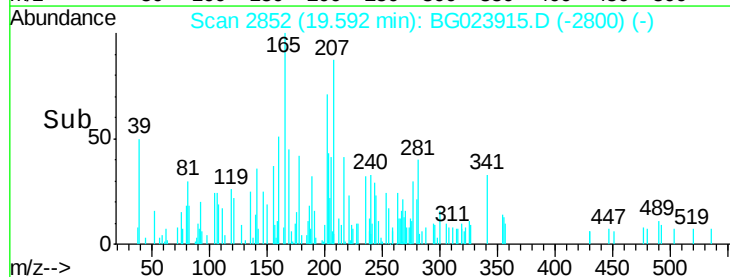
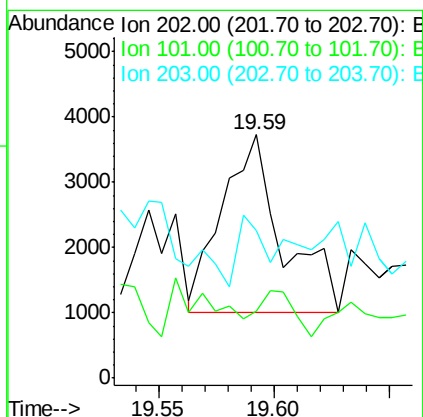
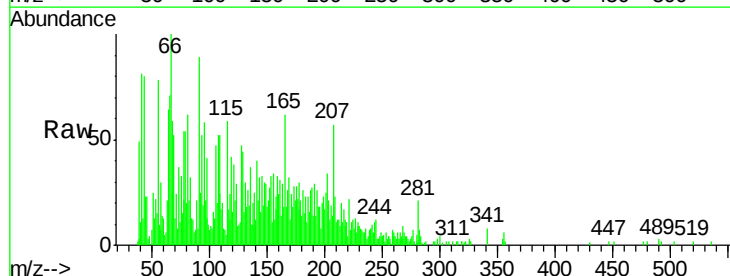
Instrument :
BNA_G
ClientSampleId :
MW-06

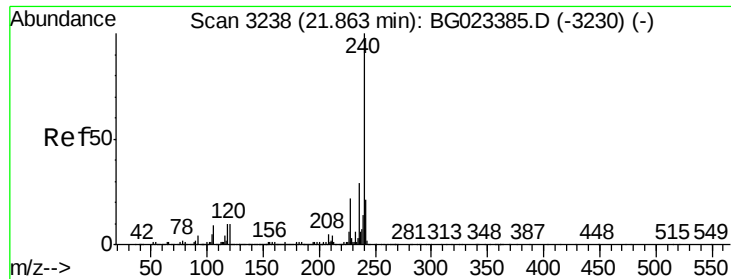
Tgt Ion	Ratio	Lower	Upper
149	100		
150	36.6	9.1	13.7#
104	43.4	6.9	10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.59 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	27.5	0.0	27.4#
203	60.8	1.7	41.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Instrument :

BNA_G

ClientSampleId :

MW-06

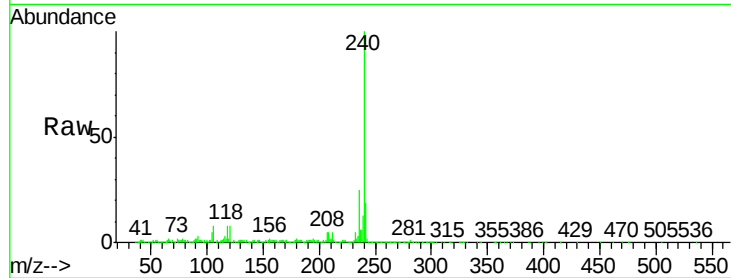
Tgt Ion:240 Resp: 828488

Ion Ratio Lower Upper

240 100

120 8.5 4.1 6.1#

236 25.4 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

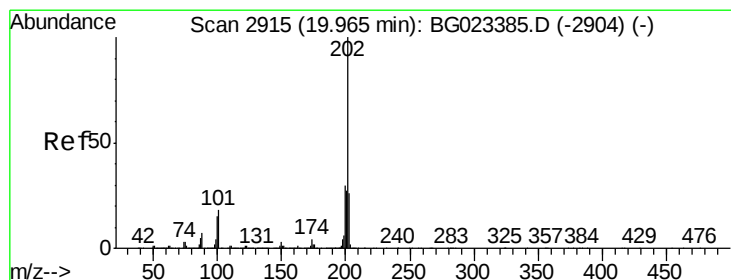
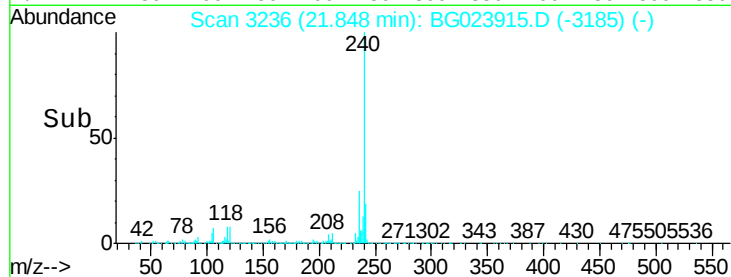
21.85

400000

200000

0

Time-->



#77

Pyrene

Concen: Below Cal

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

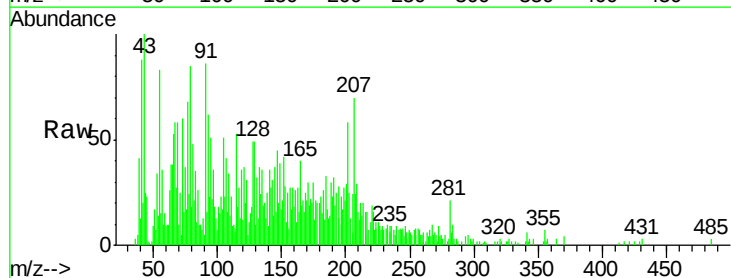
Tgt Ion:202 Resp: 8674

Ion Ratio Lower Upper

202 100

200 36.6 21.2 31.8#

203 42.3 16.8 25.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.95

8000

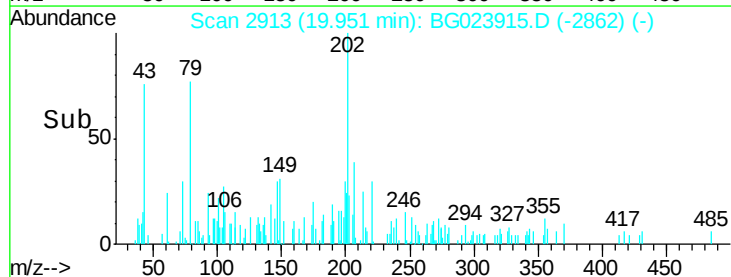
6000

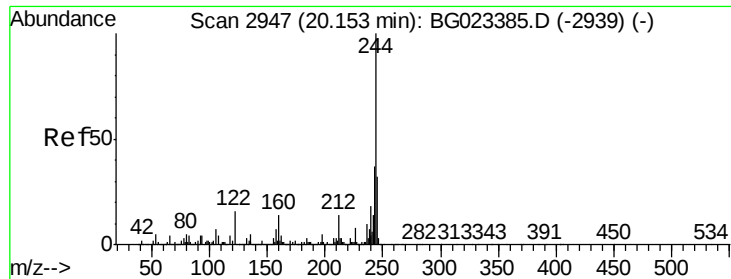
4000

2000

0

Time-->

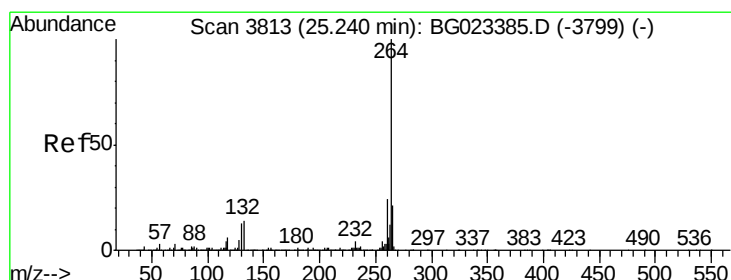
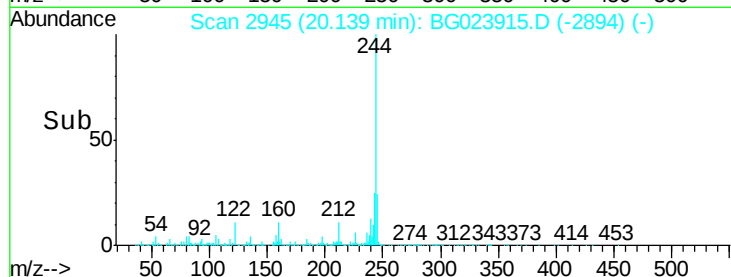
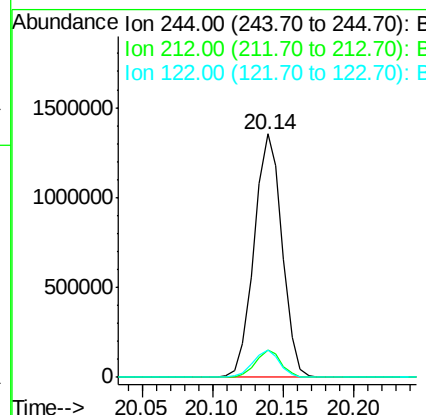
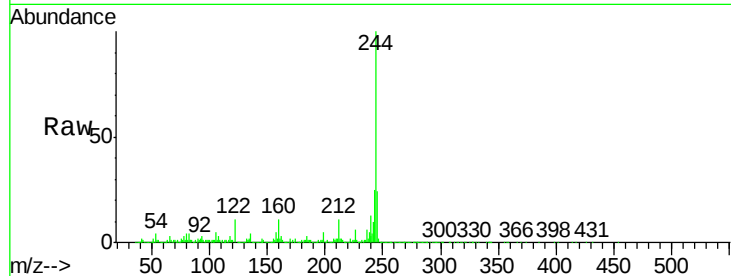




#78
 Terphenyl-d14
 Concen: 66.92 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BG023915.D
 Acq: 26 Aug 2016 6:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Tgt Ion:244 Resp: 1879420
 Ion Ratio Lower Upper
 244 100
 212 11.1 10.8 16.2
 122 11.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3812
 Delta R.T. 0.01 min
 Lab File: BG023915.D
 Acq: 26 Aug 2016 6:22

Tgt Ion:264 Resp: 813679
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 21.5 18.9 28.3

