

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023903.D
 Acq On : 25 Aug 2016 21:05
 Operator : UM/SJ
 Sample : H4592-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9R

Manual Integrations
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Quant Time: Aug 26 11:43:11 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	119665	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	524977	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	336859	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	782379	20.00	ng	0.00
75) Chrysene-d12	21.84	240	823666	20.00	ng	0.00
86) Perylene-d12	25.22	264	811153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	402229	56.58	ng	0.00
7) Phenol-d6	7.25	99	386642	34.92	ng	0.00
23) Nitrobenzene-d5	9.27	82	855586	81.02	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	534955	108.57	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1686903	84.46	ng	0.00
78) Terphenyl-d14	20.14	244	2254511	85.85	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.88	107	27662	2.47	ng	Qvalue # 81
27) 2,4-Dimethylphenol	10.12	122	102534m	12.20	ng	
31) Naphthalene	10.97	128	404933	15.15	ng	98
37) 2-Methylnaphthalene	12.58	142	163549	8.05	ng	# 92
49) Dimethylphthalate	14.21	163	125482	4.86	ng	# 64

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

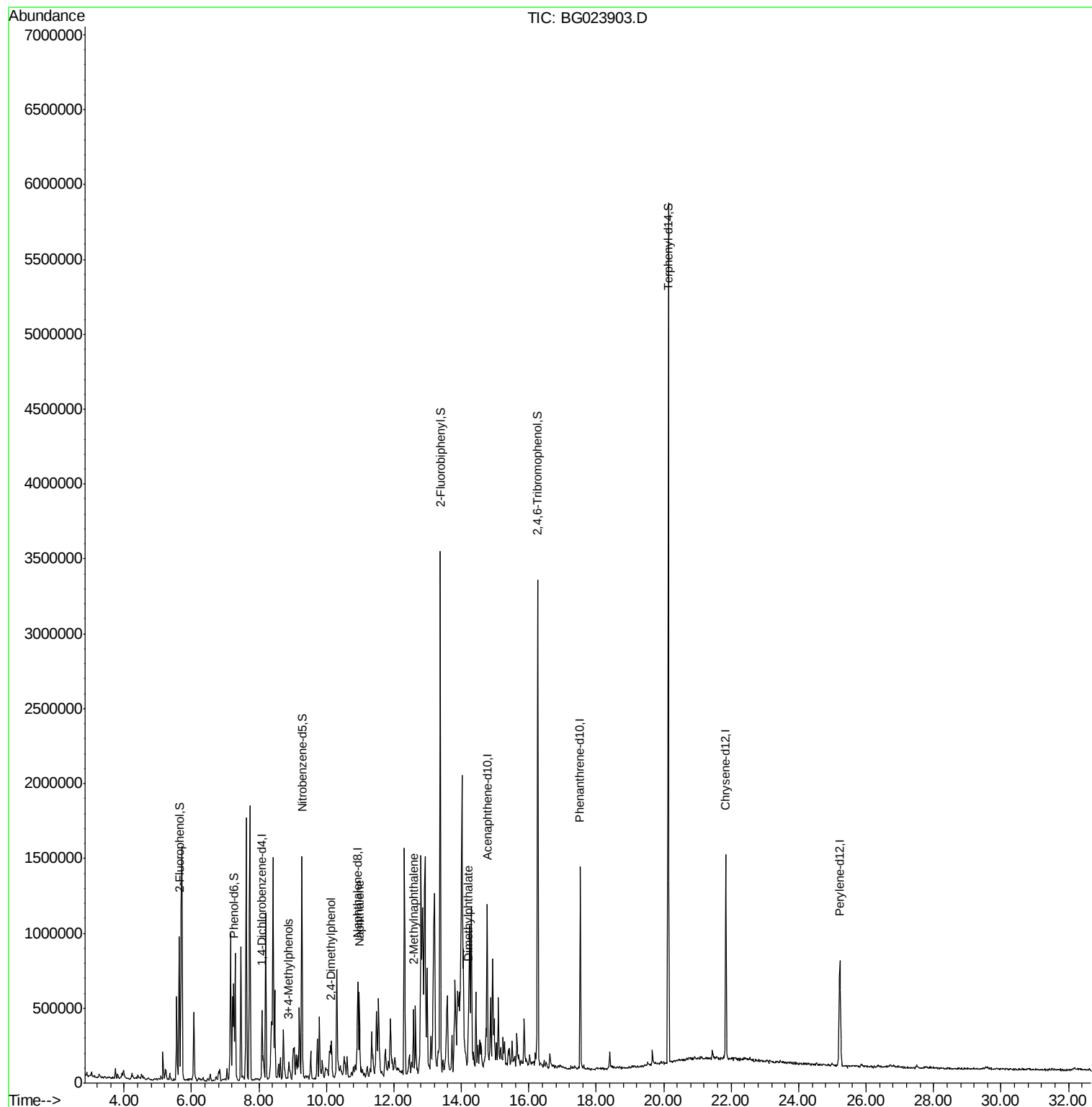
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

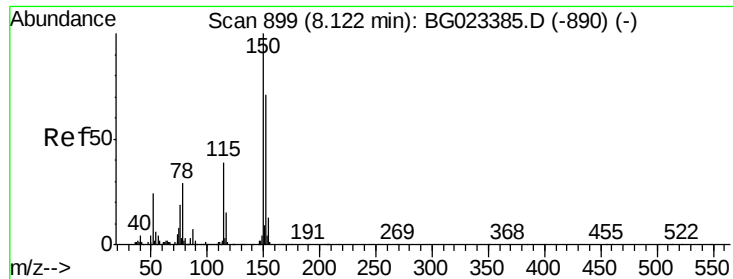
Instrument :
BNA_G
ClientSampleId :
MW-9R

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Quant Time: Aug 26 11:43:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Instrument :

BNA_G

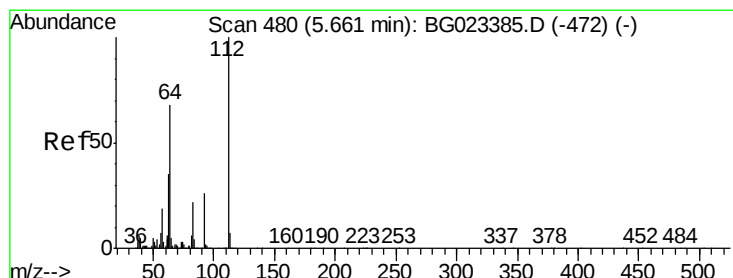
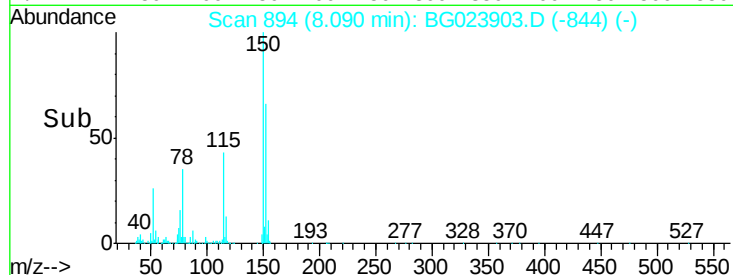
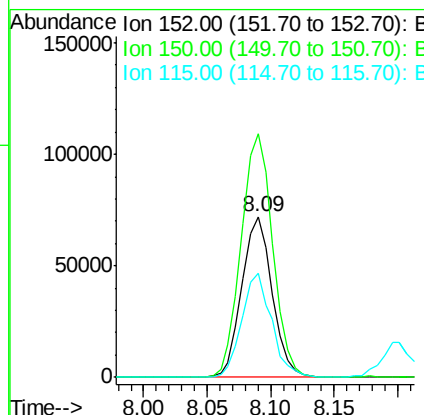
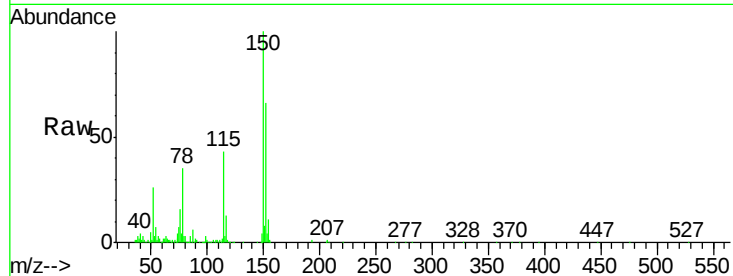
ClientSampled :

MW-9R

Tgt	Ion:152	Resp:	119665
Ion	Ratio	Lower	Upper
152	100		
150	151.6	144.7	217.1
115	64.5	64.0	96.0

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#5

2-Fluorophenol

Concen: 56.58 ng

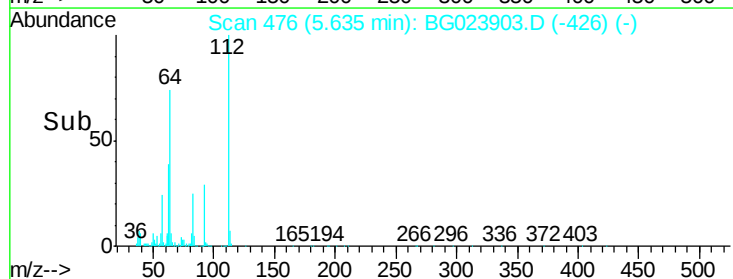
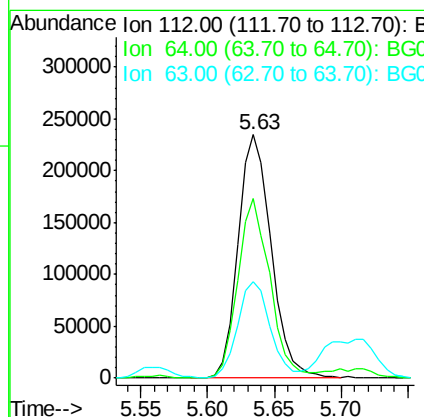
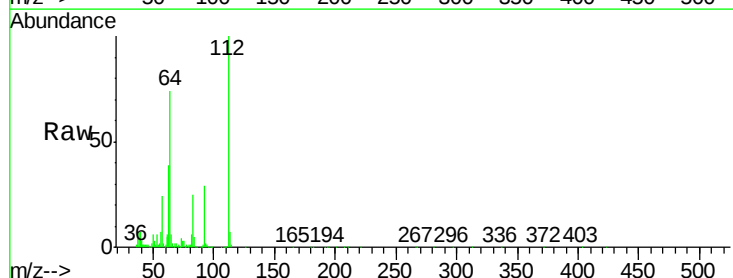
RT: 5.63 min Scan# 476

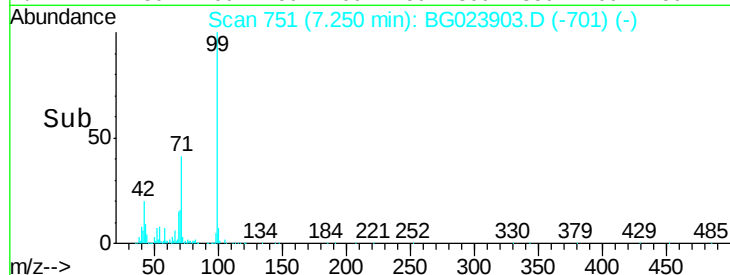
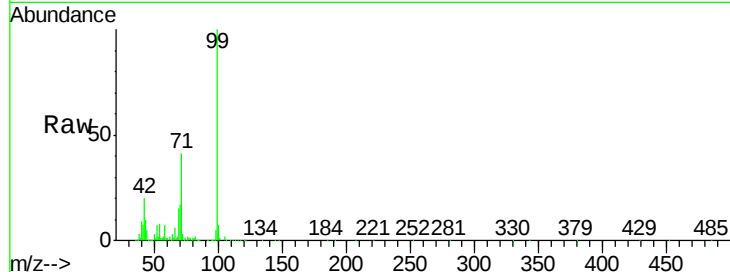
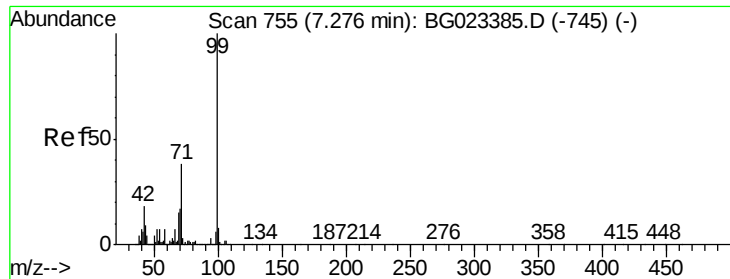
Delta R.T. -0.00 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Tgt	Ion:112	Resp:	402229
Ion	Ratio	Lower	Upper
112	100		
64	73.8	59.0	88.4
63	39.5	37.8	56.8





#7

Phenol-d6

Concen: 34.92 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	386642		
42	20.0	17.8	26.6	
71	41.0	41.5	62.3	

Instrument :

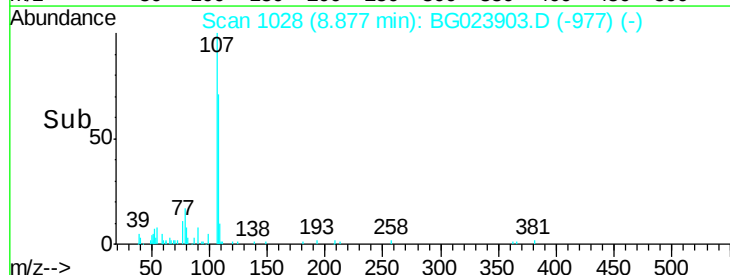
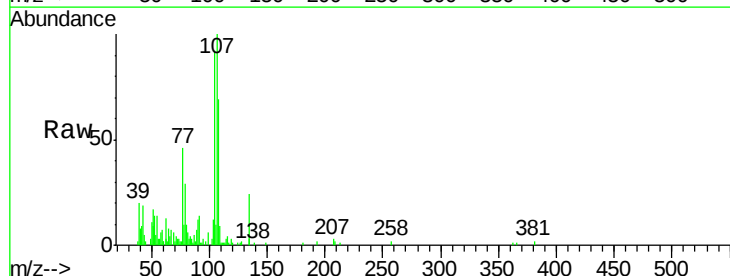
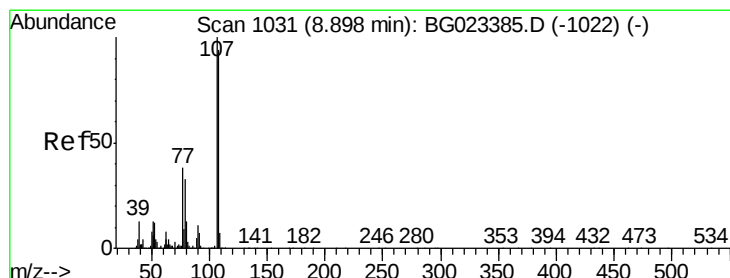
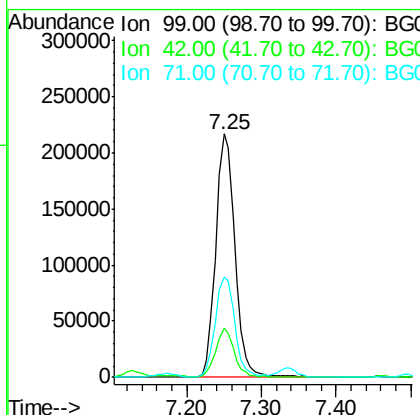
BNA_G

ClientSampled :

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#20

3+4-Methylphenols

Concen: 2.47 ng

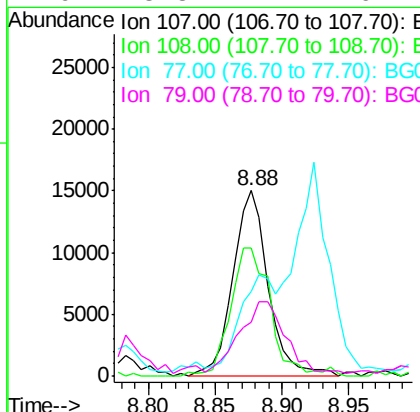
RT: 8.88 min Scan# 1028

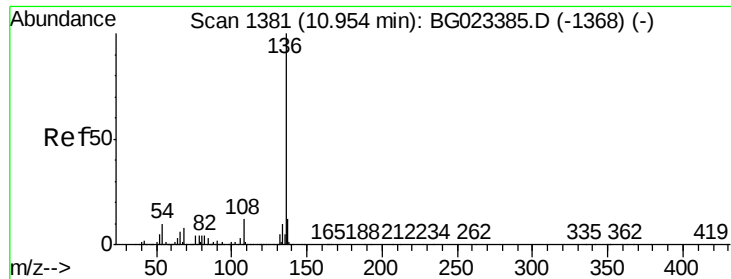
Delta R.T. 0.00 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	27662		
108	68.9	72.5	112.5	
77	46.0	30.1	70.1	
79	28.8	24.2	64.2	





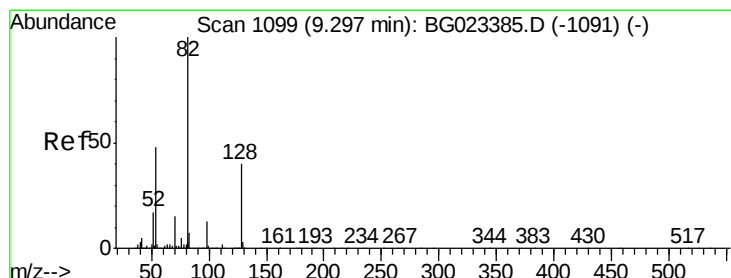
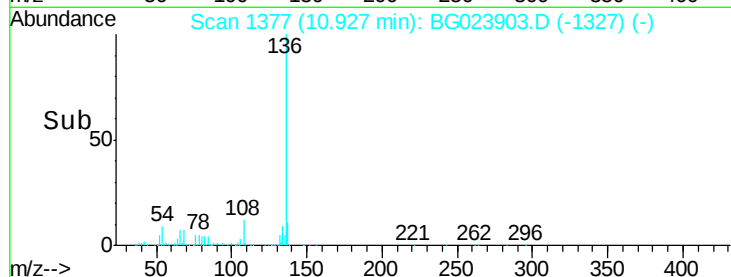
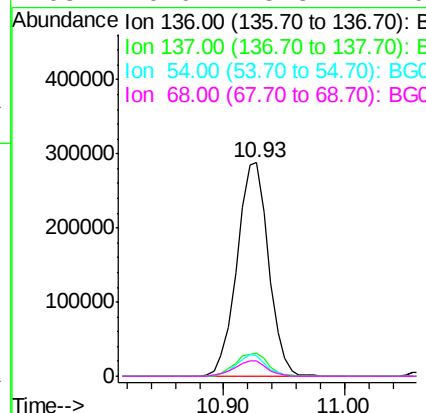
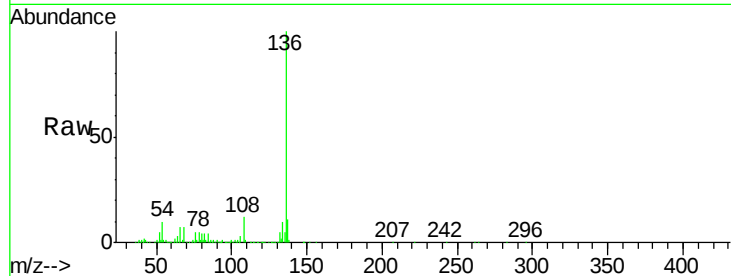
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG023903.D
Acq: 25 Aug 2016 21:05

Instrument :
BNA_G
ClientSampleId :
MW-9R

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	524977		
137	11.1	9.6	14.4	
54	9.5	7.3	10.9	
68	6.9	5.3	7.9	

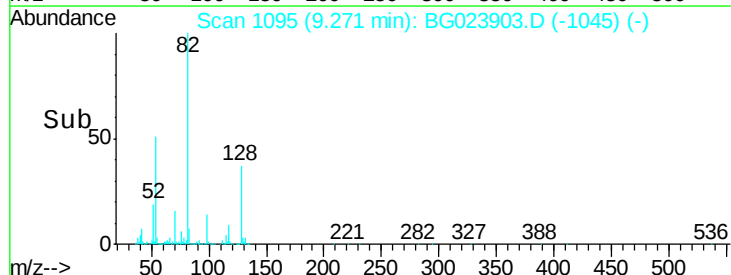
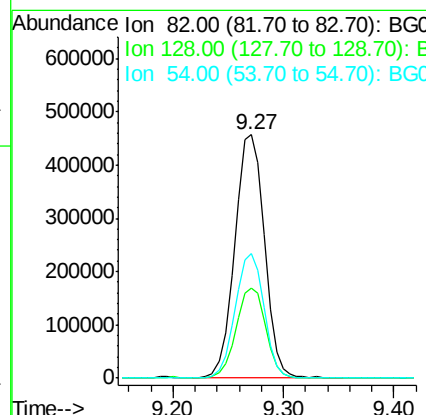
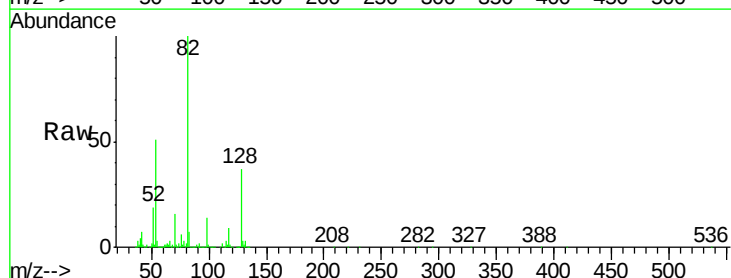
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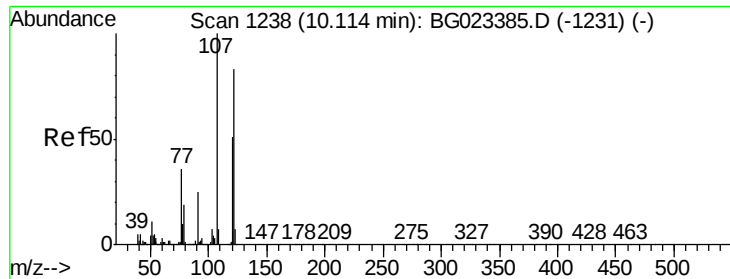
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#23
Nitrobenzene-d5
Concen: 81.02 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG023903.D
Acq: 25 Aug 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	855586		
128	37.2	24.4	36.6#	
54	51.0	41.4	62.0	





#27

2,4-Dimethylphenol

Concen: 12.20 ng m

RT: 10.12 min Scan# 1240

Delta R.T. 0.03 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Instrument :

BNA_G

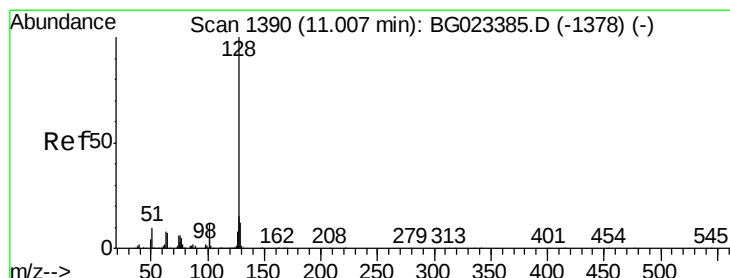
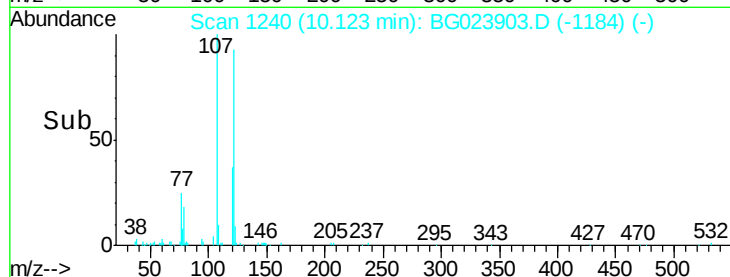
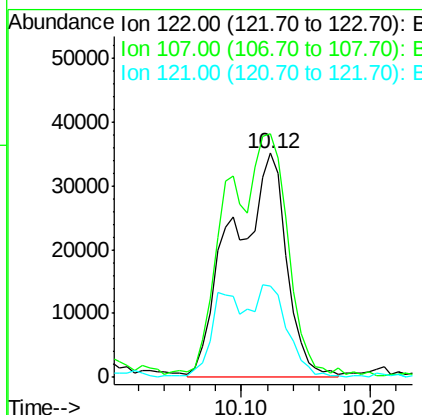
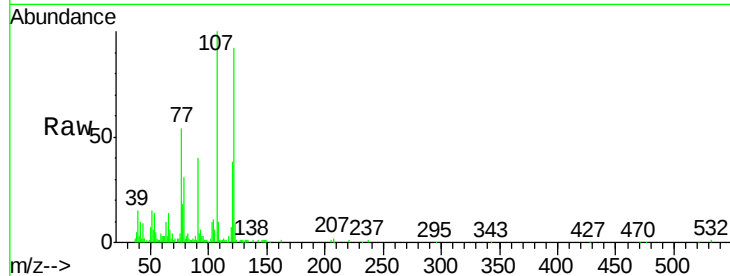
ClientSampled :

MW-9R

Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.8	117.0	175.4#
121	40.8	50.1	75.1#

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#31

Naphthalene

Concen: 15.15 ng

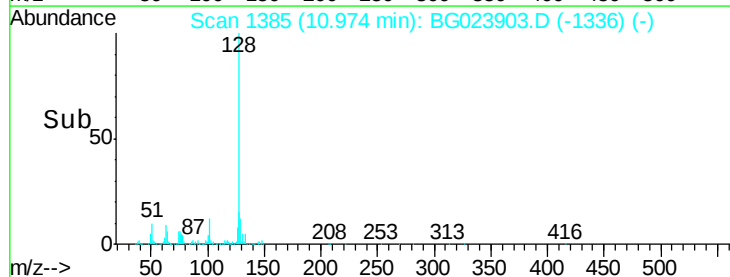
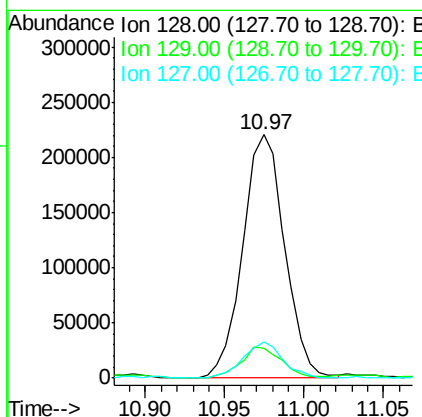
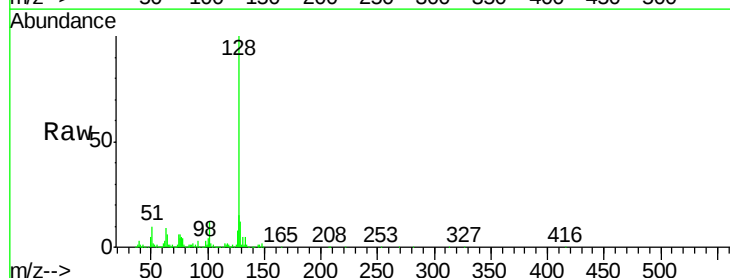
RT: 10.97 min Scan# 1385

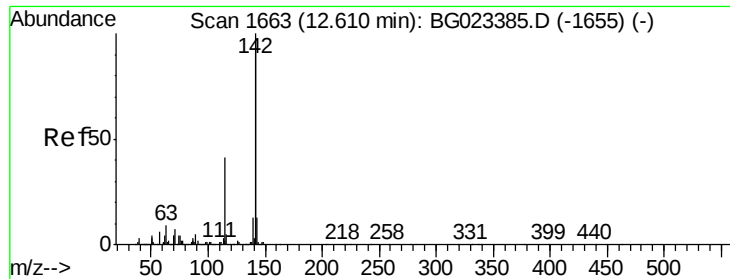
Delta R.T. -0.01 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	14.8	11.3	16.9





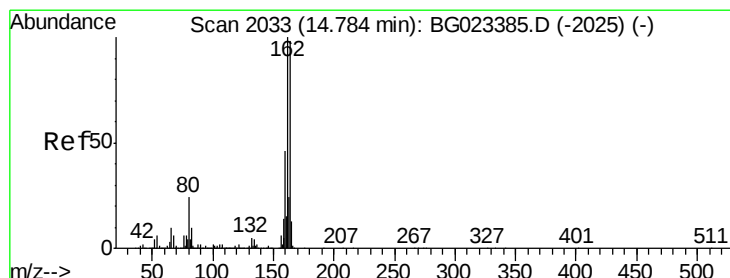
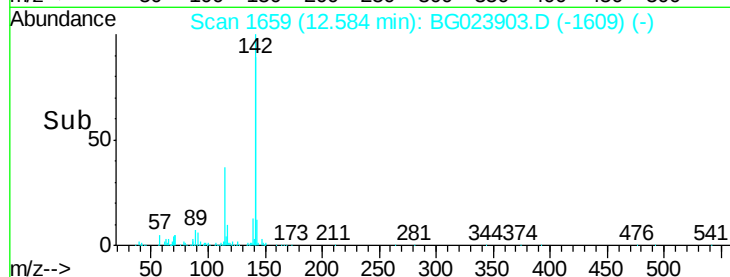
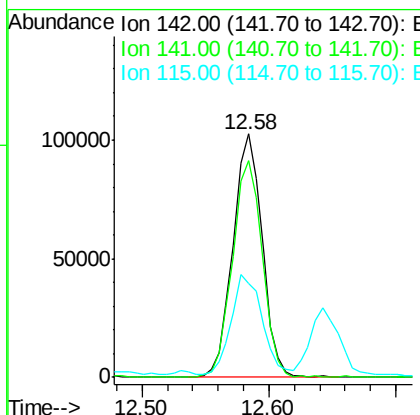
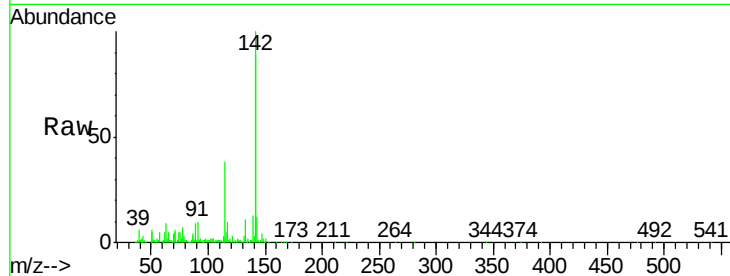
#37
 2-Methylnaphthalene
 Concen: 8.05 ng
 RT: 12.58 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG023903.D
 Acq: 25 Aug 2016 21:05

Instrument :
 BNA_G
 ClientSampled :
 MW-9R

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	163549		
141	89.1	70.2	105.2	
115	38.4	41.7	62.5#	

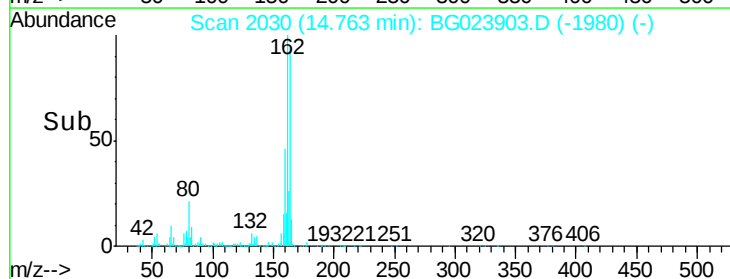
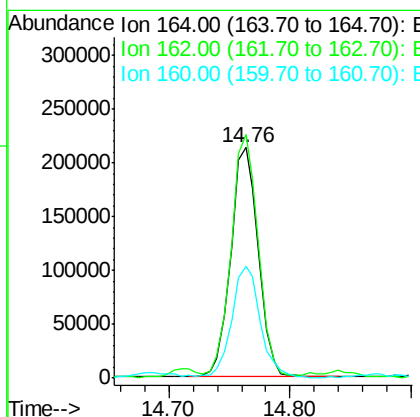
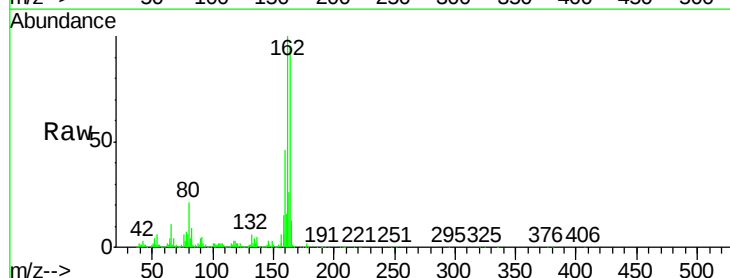
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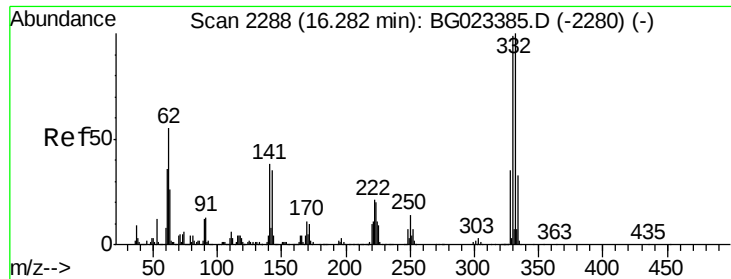
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG023903.D
 Acq: 25 Aug 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	336859		
162	105.6	87.7	131.5	
160	48.5	37.2	55.8	





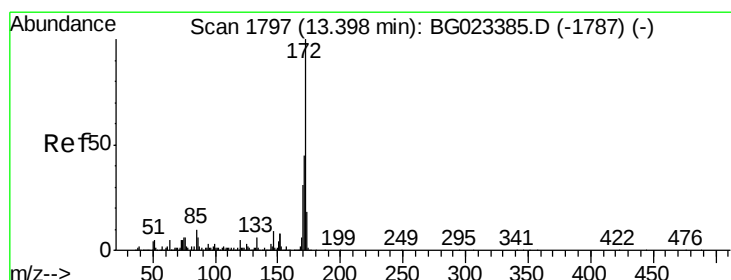
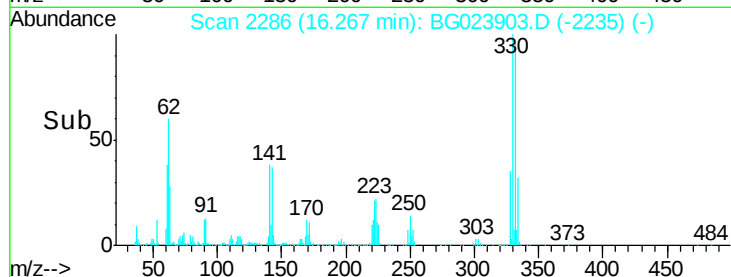
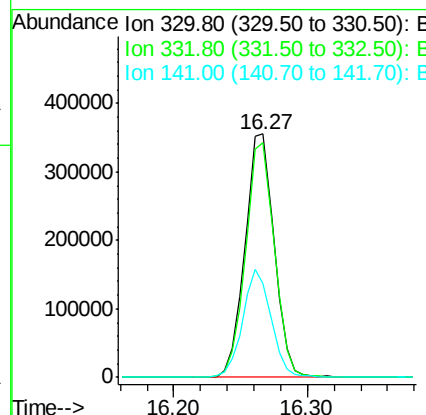
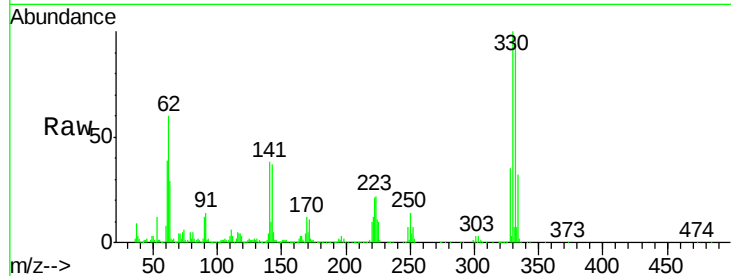
#41
2,4,6-Tribromophenol
Concen: 108.57 ng
RT: 16.27 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BG023903.D
Acq: 25 Aug 2016 21:05

Instrument :
BNA_G
ClientSampleId :
MW-9R

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	534955		
332	95.5	77.4	116.2	
141	42.8	31.7	47.5	

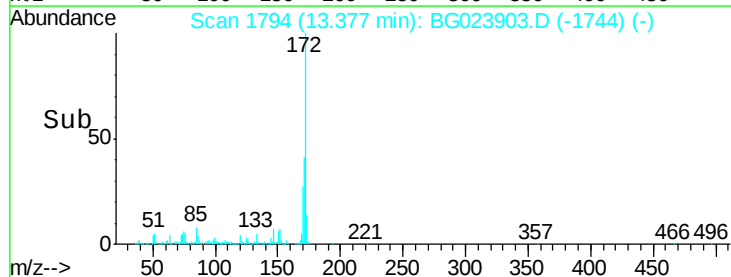
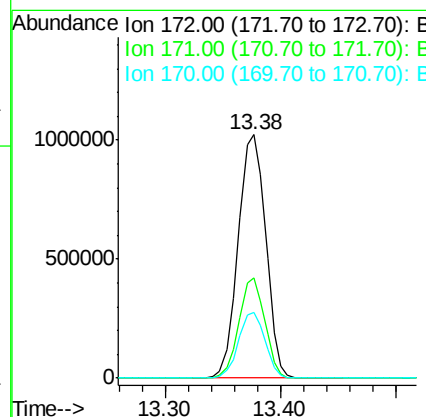
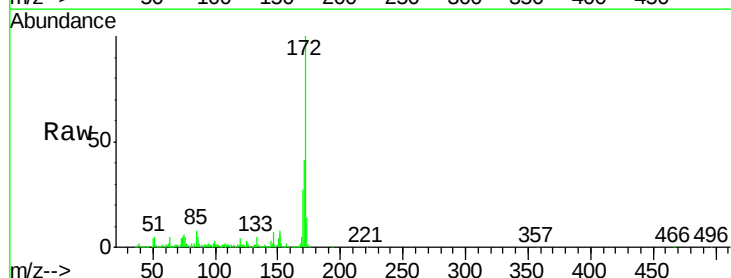
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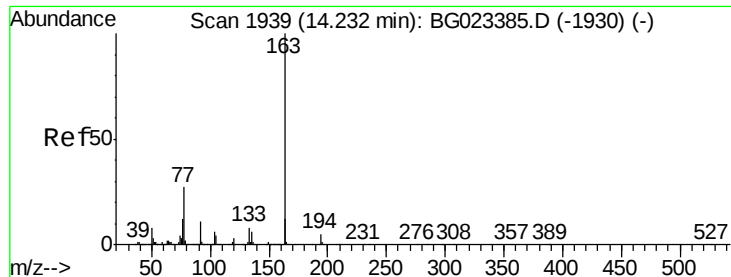
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#44
2-Fluorobiphenyl
Concen: 84.46 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG023903.D
Acq: 25 Aug 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1686903		
171	41.1	31.6	47.4	
170	27.1	21.3	31.9	





#49

Dimethylphthalate

Concen: 4.86 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Instrument :

BNA_G

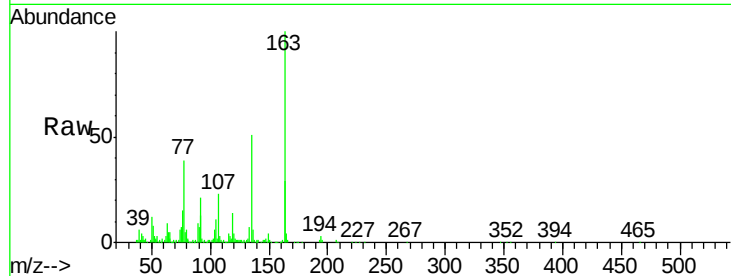
ClientSampleId :

MW-9R

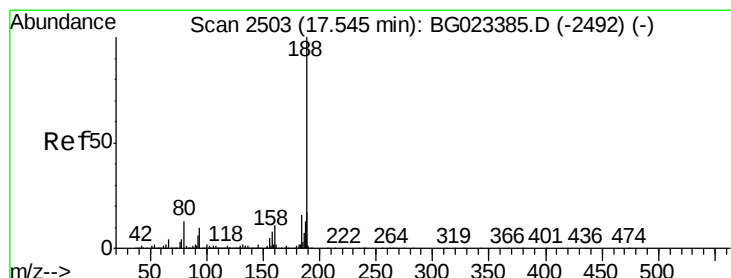
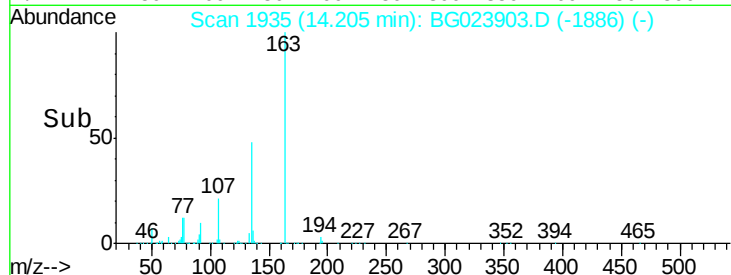
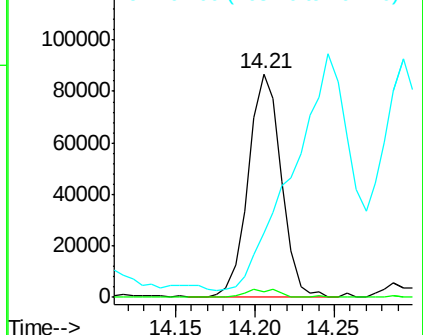
Tgt Ion:	163	Resp:	125482
Ion Ratio		Lower	Upper
163	100		
194	2.6	3.6	5.4#
164	28.7	8.1	12.1#

Manual Integrations
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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

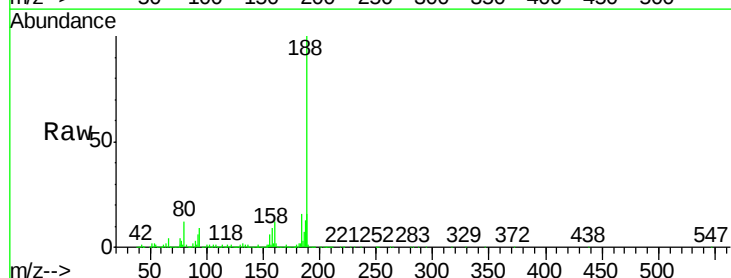
RT: 17.52 min Scan# 2500

Delta R.T. -0.00 min

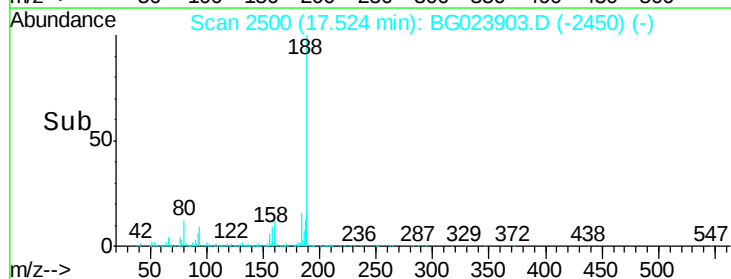
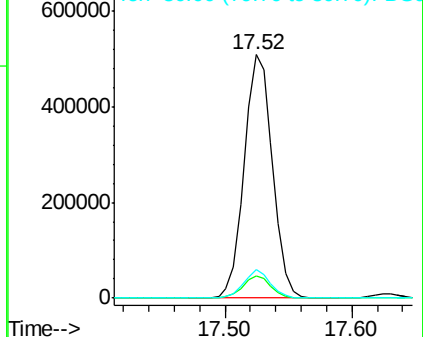
Lab File: BG023903.D

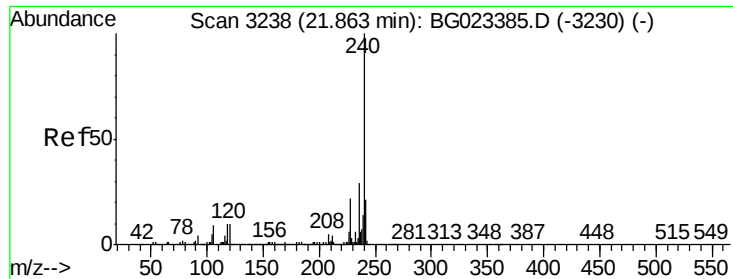
Acq: 25 Aug 2016 21:05

Tgt Ion:	188	Resp:	782379
Ion Ratio		Lower	Upper
188	100		
94	8.9	5.2	7.8#
80	11.6	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: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Instrument :

BNA_G

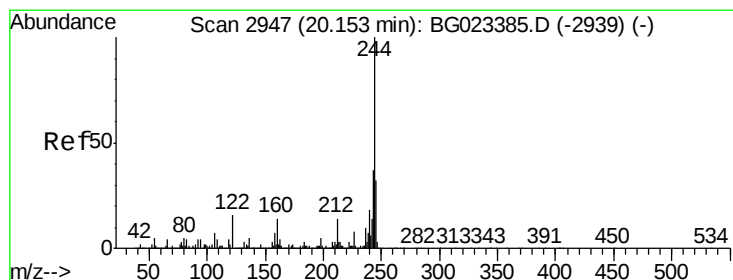
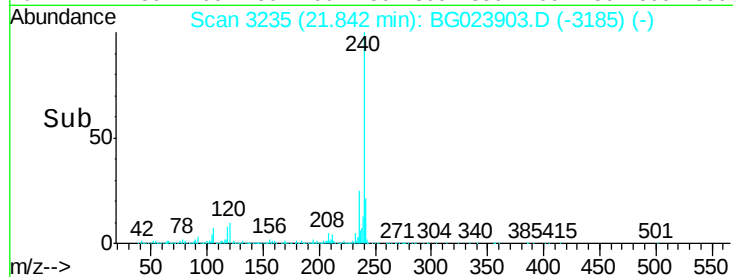
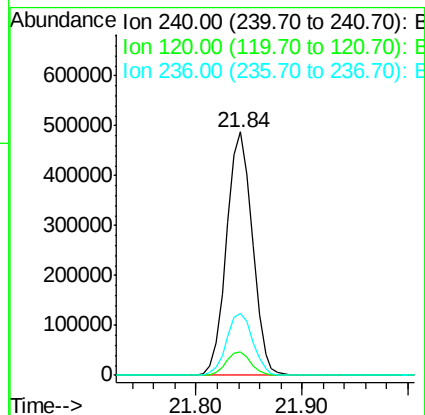
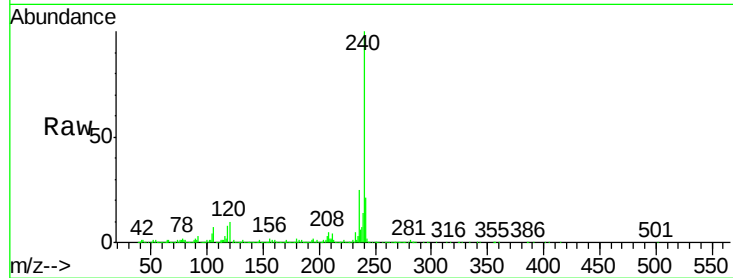
ClientSampleId :

MW-9R

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	823666		
120	9.7	4.1	6.1#	
236	25.4	21.1	31.7	

Manual Integrations
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sohil
8/26/2016 5:56:00 PM



#78

Terphenyl-d14

Concen: 85.85 ng

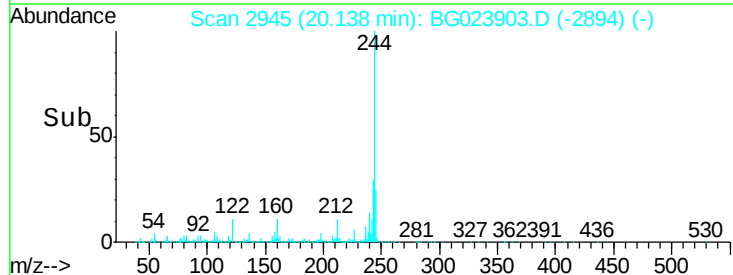
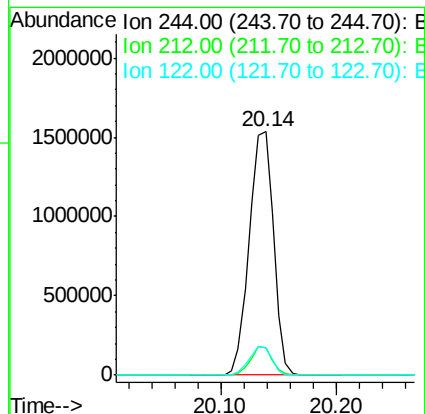
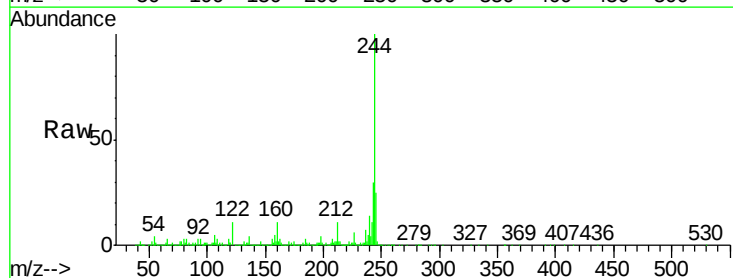
RT: 20.14 min Scan# 2945

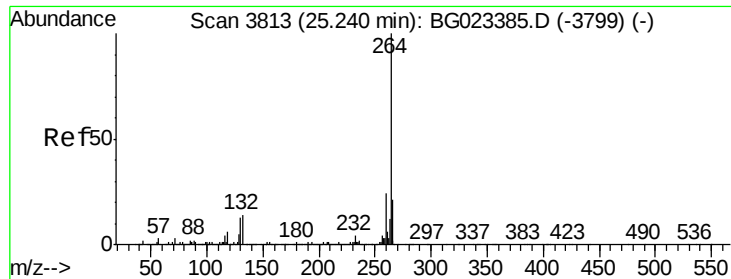
Delta R.T. 0.00 min

Lab File: BG023903.D

Acq: 25 Aug 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	2254511		
212	11.4	10.8	16.2	
122	11.2	8.0	12.0	





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.00 min
Lab File: BG023903.D
Acq: 25 Aug 2016 21:05

Instrument :
BNA_G
ClientSampleId :
MW-9R

Tgt Ion:	264	Resp:	811153
Ion Ratio	Lower	Upper	
264	100		
260	25.8	18.4	27.6
265	22.5	18.9	28.3

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:00 PM

