

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061319\
 Data File : BG041227.D
 Acq On : 13 Jun 2019 17:36
 Operator : HP/JU
 Sample : K3309-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-190610

Manual Integrations
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Quant Time: Jun 27 08:37:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	35879	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	137111	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	97094	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	246260	20.00	ng	0.00
76) Chrysene-d12	21.76	240	265014	20.00	ng	0.00
87) Perylene-d12	25.09	264	265451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	125315	62.98	ng	0.00
7) Phenol-d6	7.27	99	113133	36.82	ng	0.03
23) Nitrobenzene-d5	9.28	82	297898	96.45	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	216733	150.36	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	657466	97.52	ng	0.00
79) Terphenyl-d14	20.08	244	1063143	85.14	ng	0.00
Target Compounds						
12) 1,3-Dichlorobenzene	7.99	146	158896	56.084	ng	Qvalue 92
13) 1,4-Dichlorobenzene	8.14	146	594496	207.300	ng	97
14) 1,2-Dichlorobenzene	8.49	146	3692249m	1326.004	ng	
38) 1-Methylnaphthalene	12.79	142	14993	2.806	ng	# 96
50) Dimethylphthalate	14.18	163	37238	4.531	ng	100

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

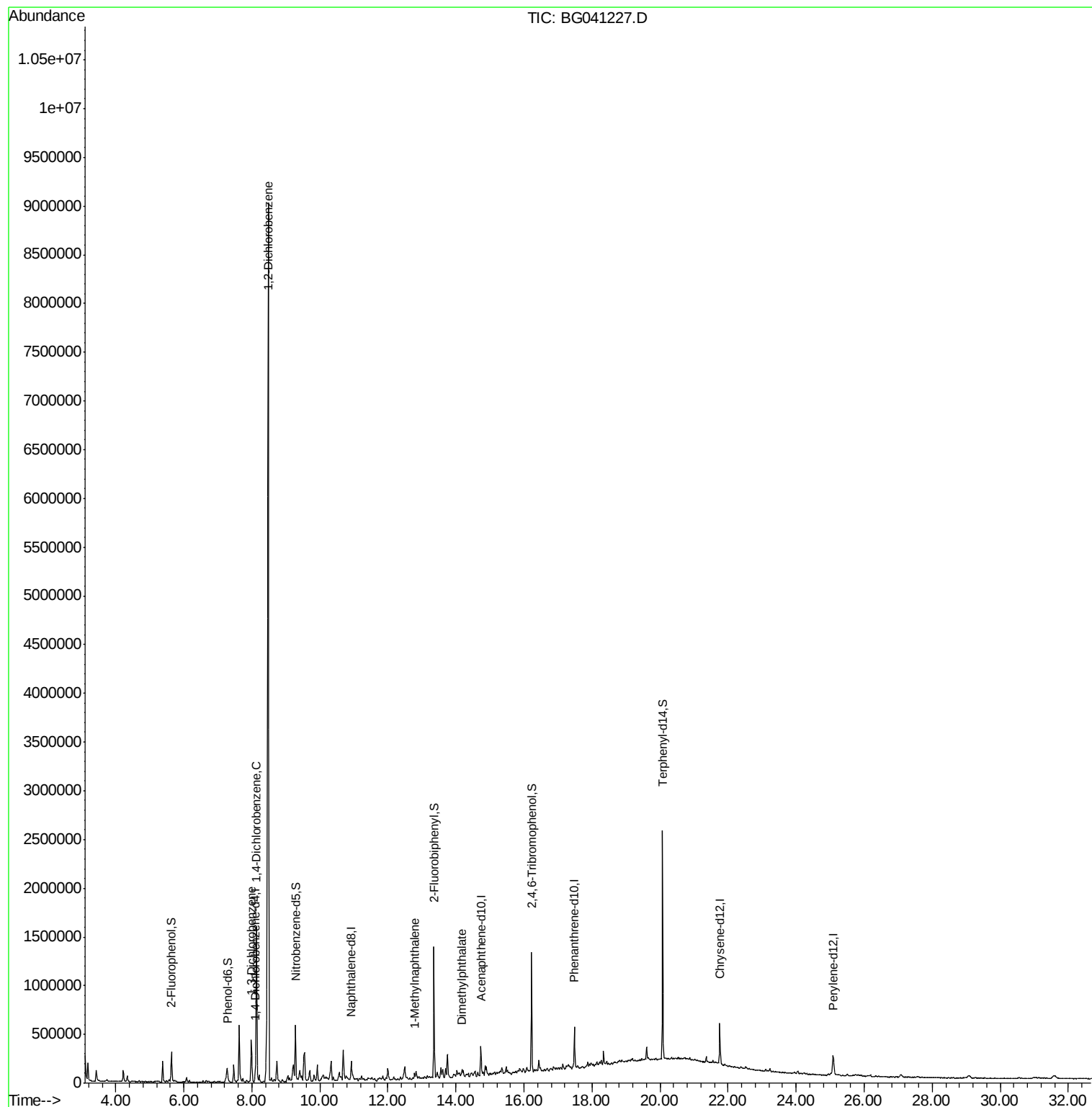
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061319\
Data File : BG041227.D
Acq On : 13 Jun 2019 17:36
Operator : HP/JU
Sample : K3309-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

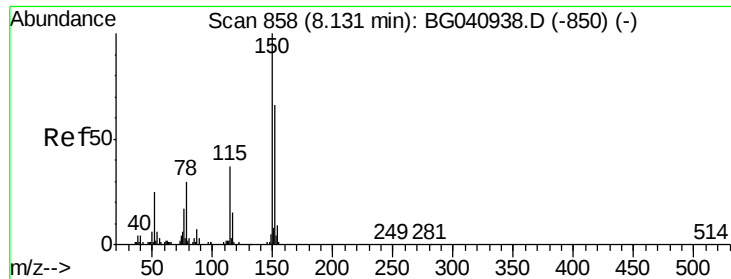
Instrument :
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SS043MW009-190610

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Quant Time: Jun 27 08:37:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration





#1

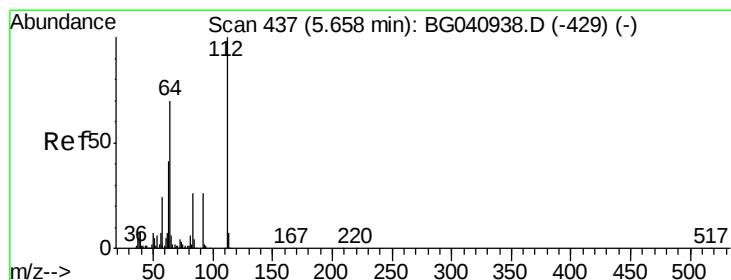
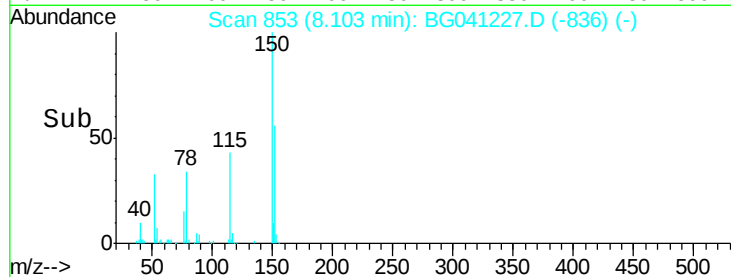
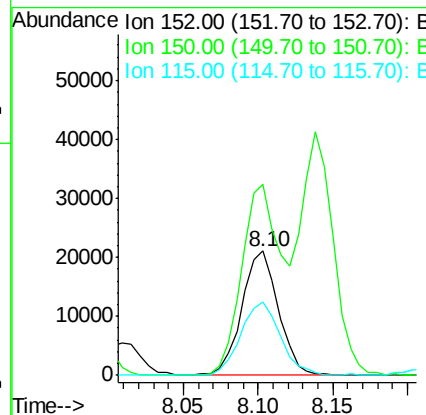
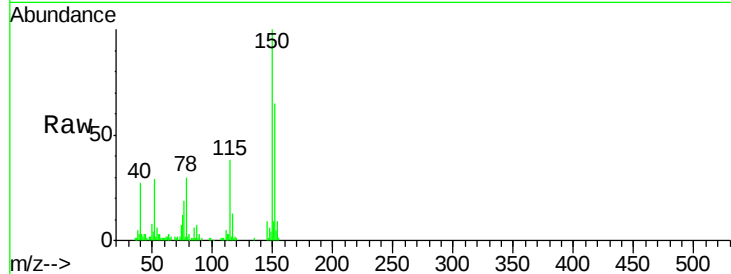
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Instrument :
BNA_G
ClientSampleId :
SS043MW009-190610

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	120.6	180.8
115	59.3	45.1	67.7

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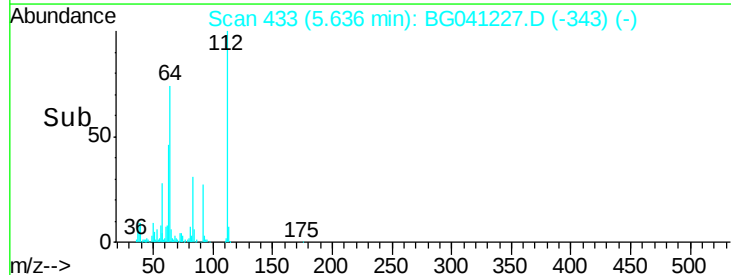
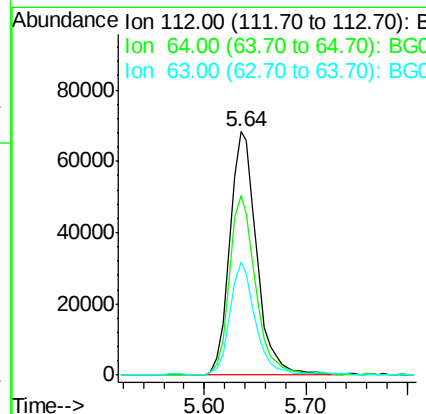
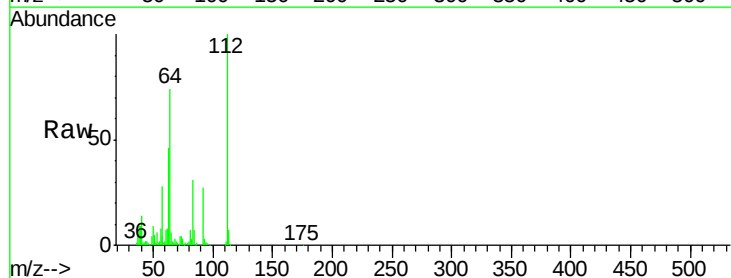
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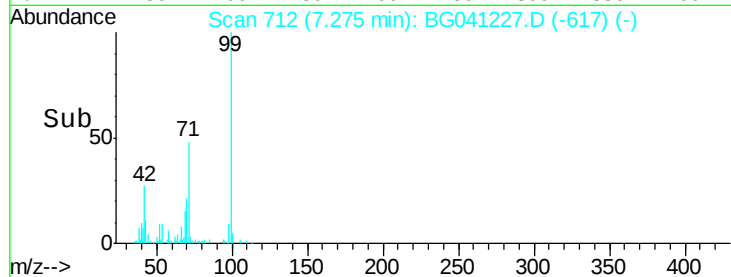
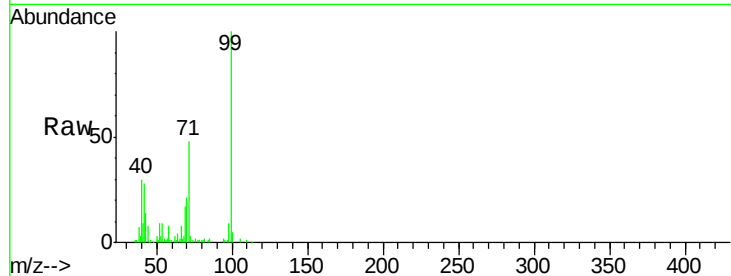
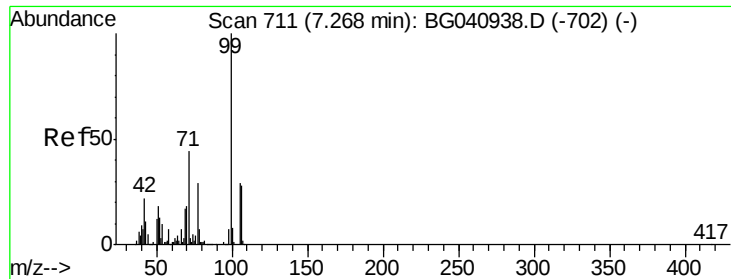


#5

2-Fluorophenol
Concen: 62.981 ng
RT: 5.64 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	56.2	84.2
63	46.5	32.8	49.2





#7

Phenol-d6

Concen: 36.816 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.03 min

Lab File: BG041227.D

Acq: 13 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	113133		
42	28.3	17.9	26.9#	
71	47.9	35.4	53.0	

Instrument :

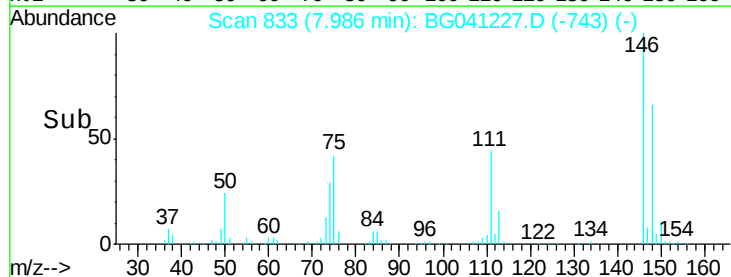
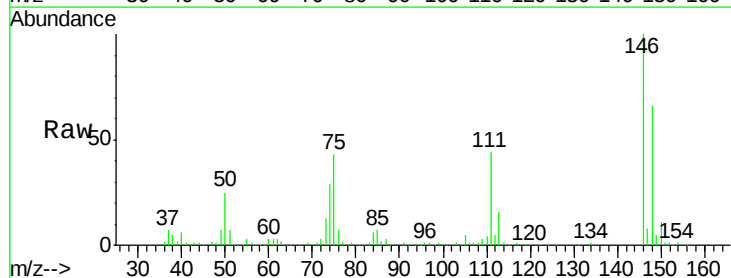
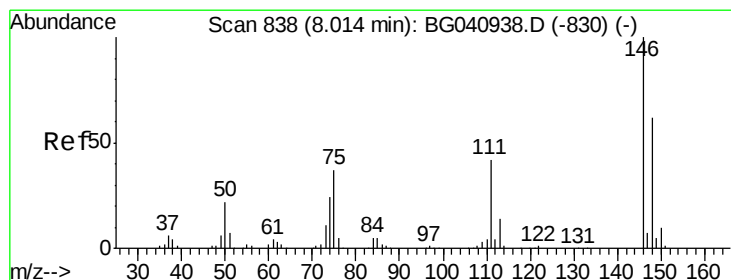
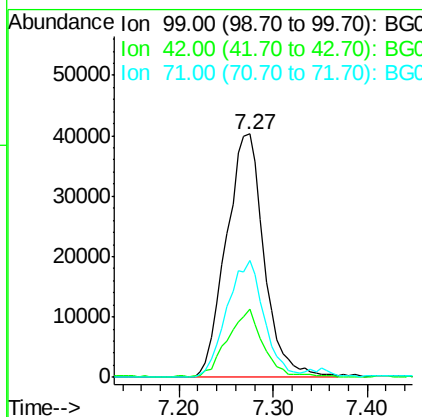
BNA_G

ClientSampleId :

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#12

1,3-Dichlorobenzene

Concen: 56.084 ng

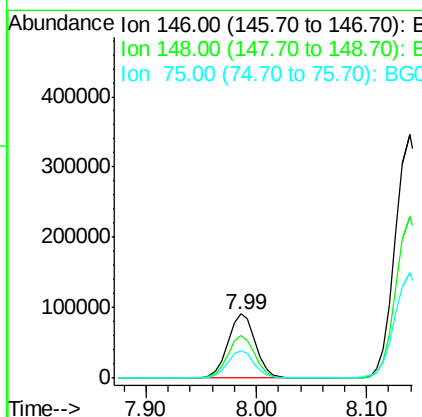
RT: 7.99 min Scan# 833

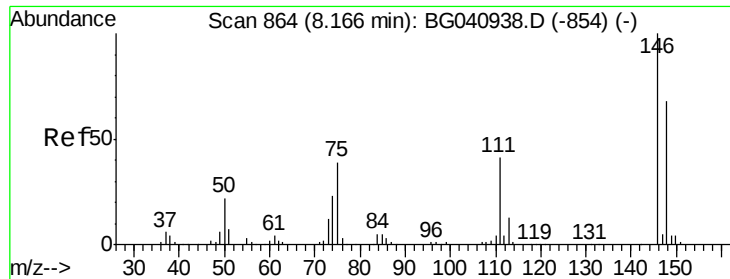
Delta R.T. -0.00 min

Lab File: BG041227.D

Acq: 13 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	158896		
148	66.3	49.2	73.8	
75	43.0	29.4	44.0	





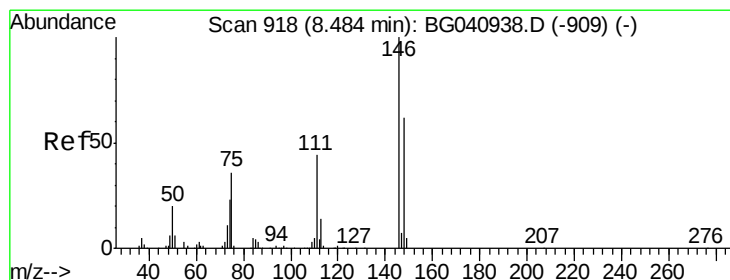
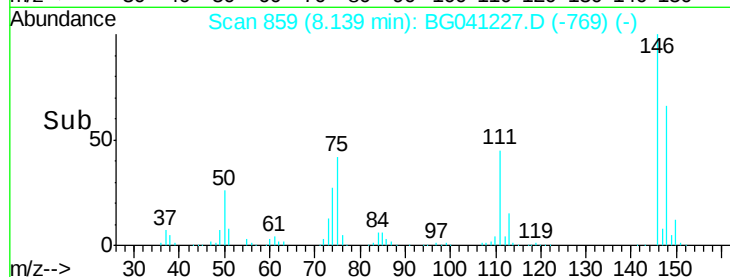
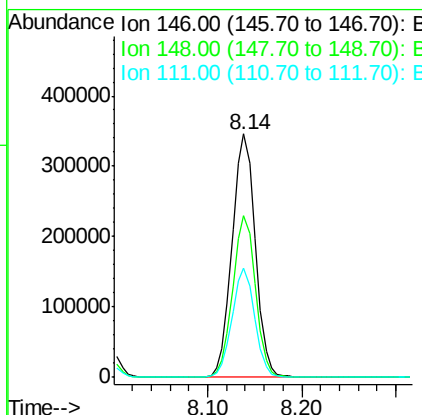
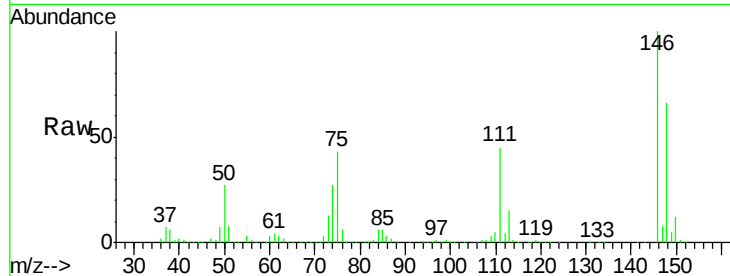
#13
 1,4-Dichlorobenzene
 Concen: 207.300 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BG041227.D
 Acq: 13 Jun 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-190610

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	594496		
148	66.3	54.2	81.4	
111	44.7	32.9	49.3	

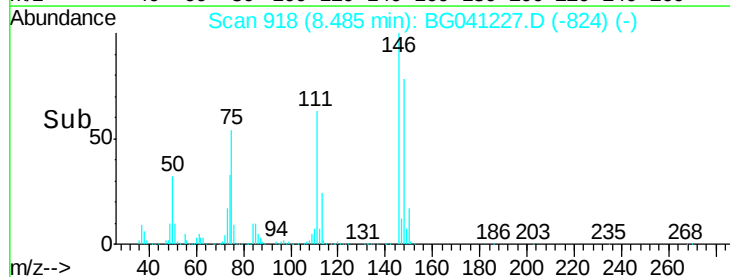
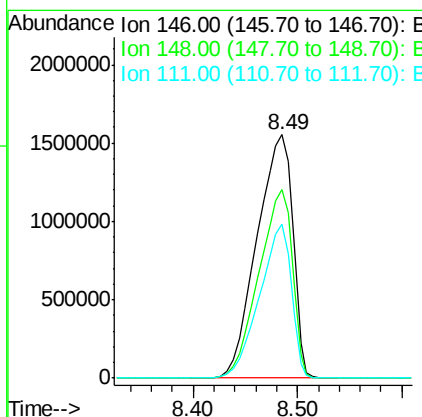
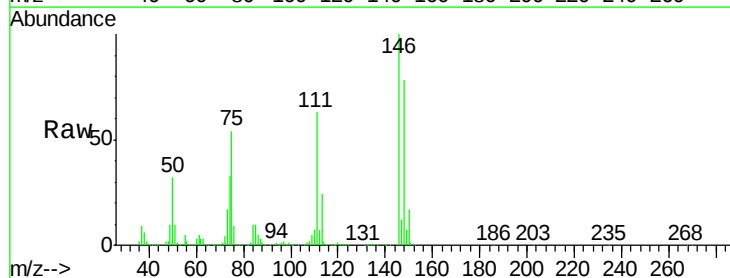
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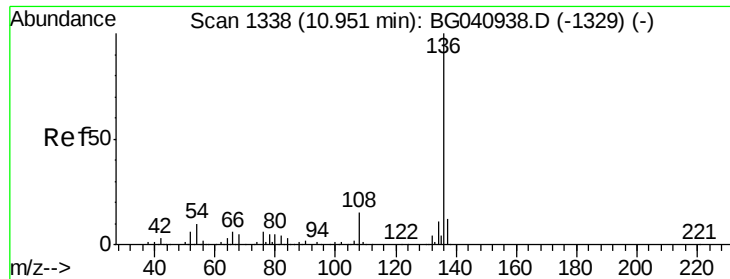
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#14
 1,2-Dichlorobenzene
 Concen: 1326.004 ng m
 RT: 8.49 min Scan# 918
 Delta R.T. 0.02 min
 Lab File: BG041227.D
 Acq: 13 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	3692249		
148	77.6	49.8	74.6#	
111	63.4	35.0	52.4#	





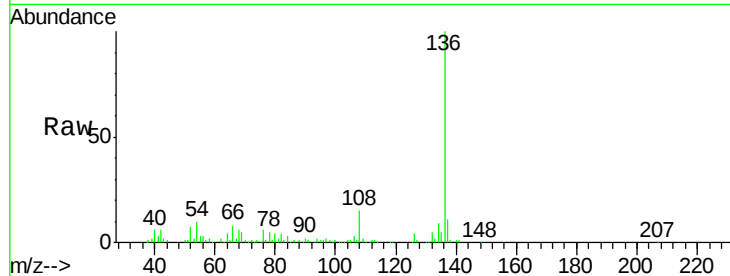
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Instrument :
BNA_G
ClientSampleId :
SS043MW009-190610

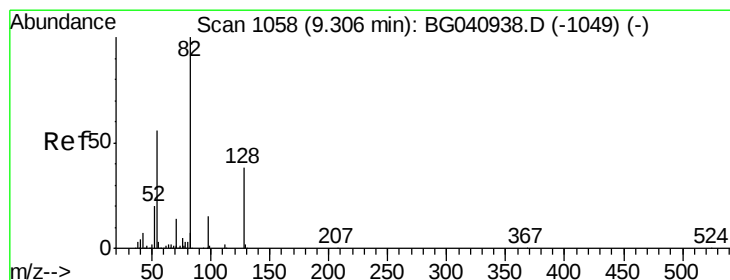
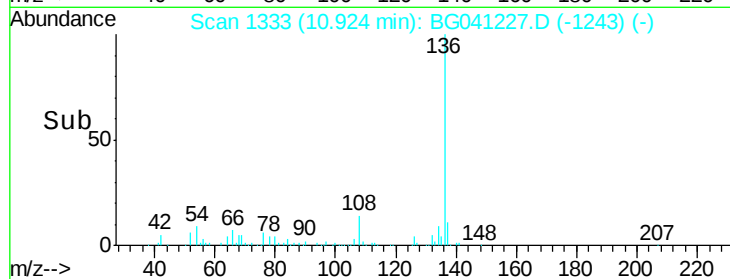
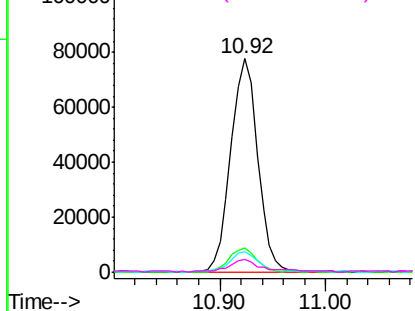
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	137111		
137	11.3	9.5	14.3	
54	9.8	7.6	11.4	
68	5.8	3.9	5.9	

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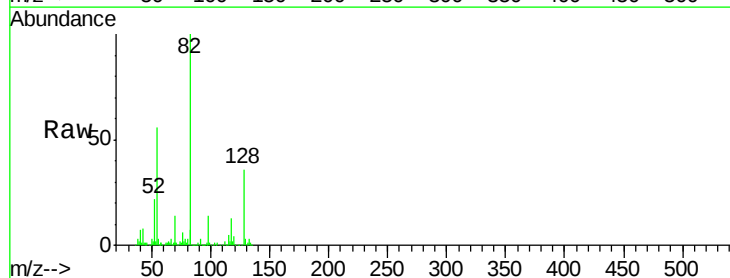


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

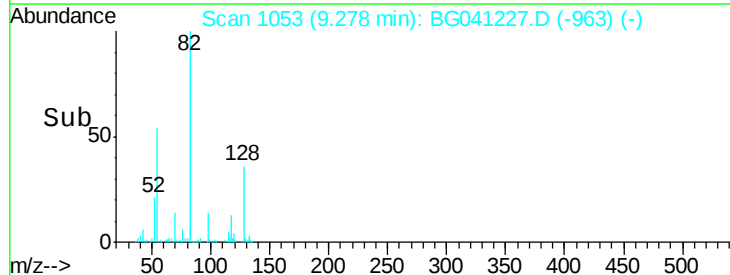
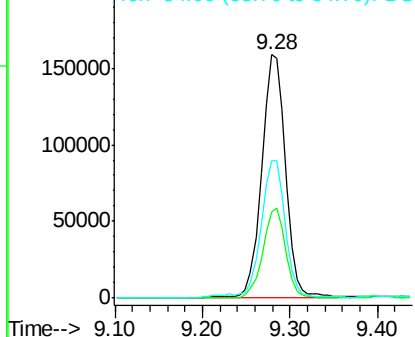


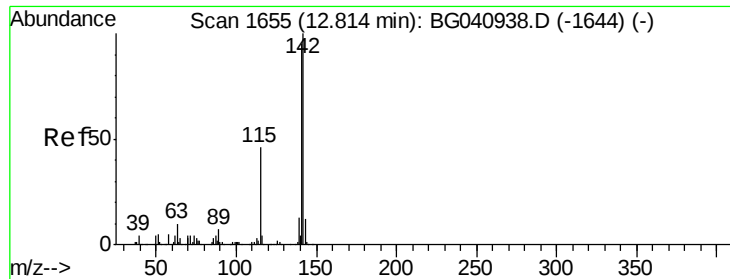
#23
Nitrobenzene-d5
Concen: 96.453 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	297898		
128	35.5	30.5	45.7	
54	56.4	44.6	66.8	



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





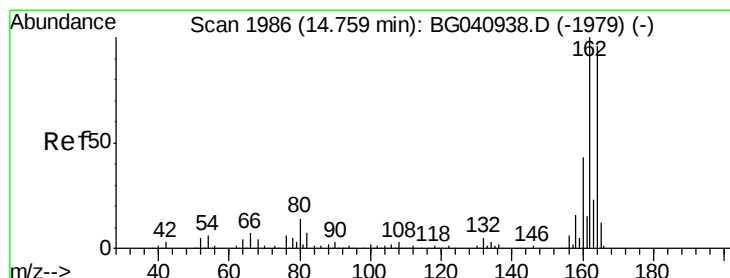
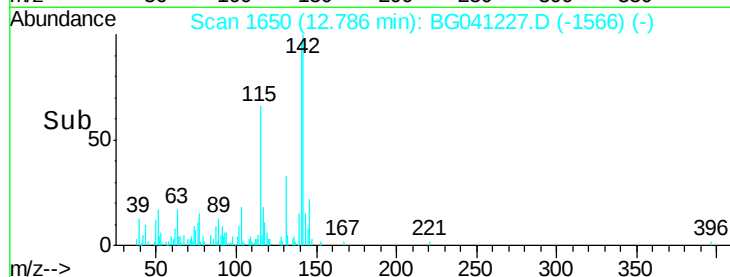
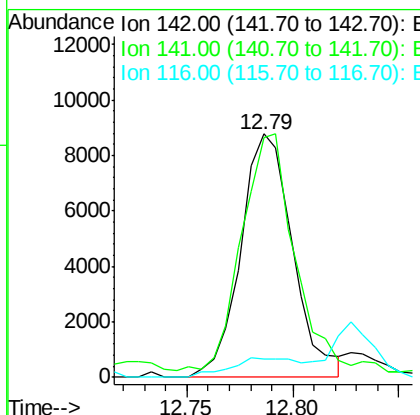
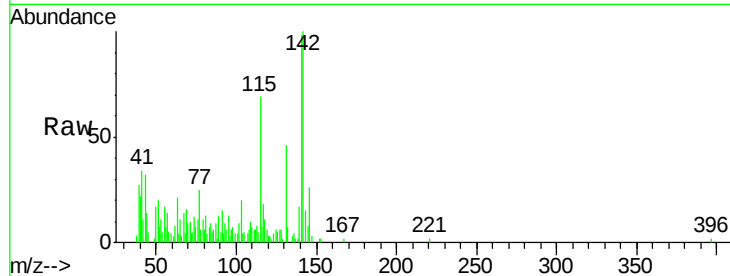
#38
1-Methylnaphthalene
Concen: 2.806 ng
RT: 12.79 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Instrument :
BNA_G
ClientSampleId :
SS043MW009-190610

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.3	75.7	113.5
116	7.4	3.4	5.2

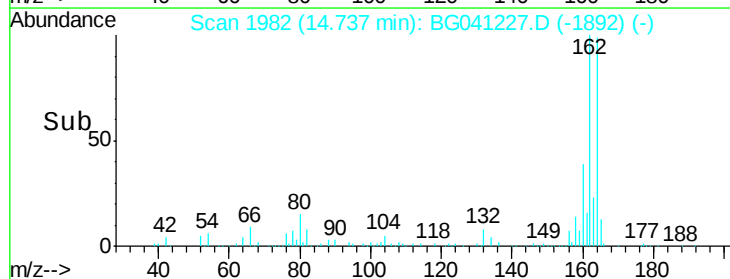
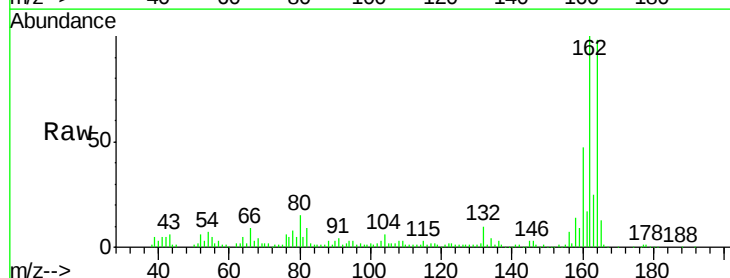
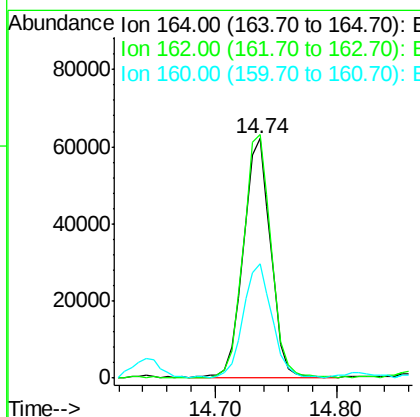
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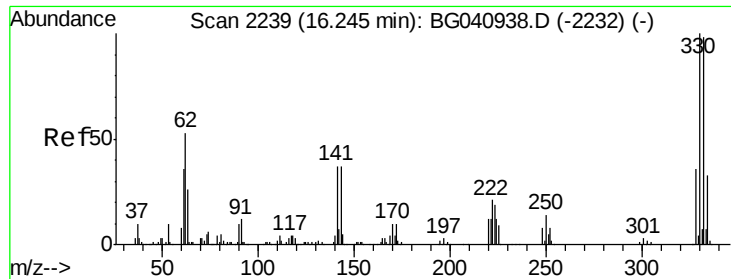
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.4
160	47.6	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 150.360 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041227.D

Acq: 13 Jun 2019 17:36

Instrument :

BNA_G

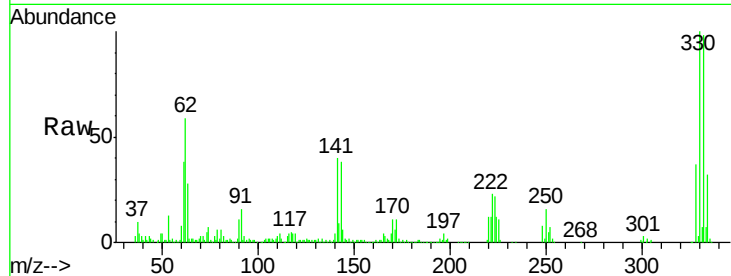
ClientSampleId :

SS043MW009-190610

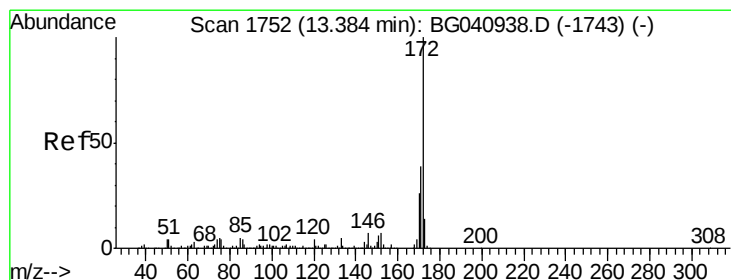
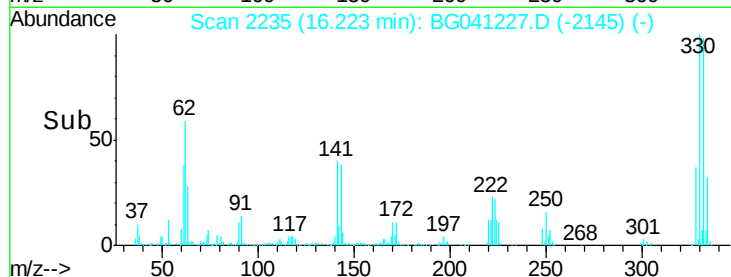
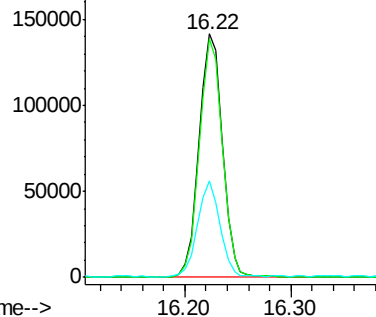
Tgt Ion:	330	Resp:	216733
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.5	117.7
141	37.3	28.7	43.1

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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



#45

2-Fluorobiphenyl

Concen: 97.516 ng

RT: 13.36 min Scan# 1747

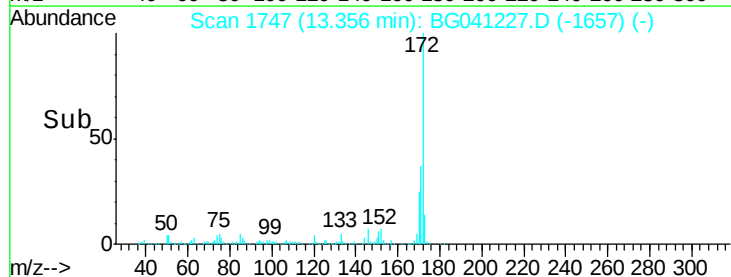
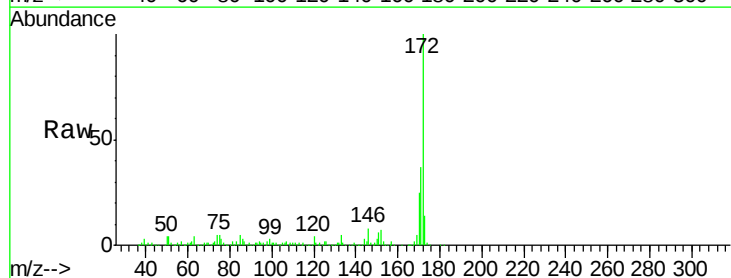
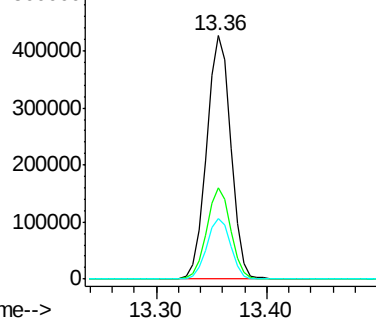
Delta R.T. -0.00 min

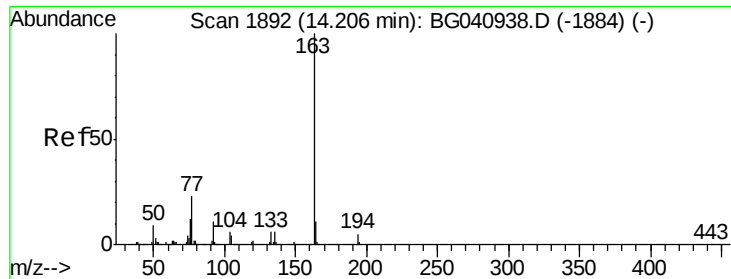
Lab File: BG041227.D

Acq: 13 Jun 2019 17:36

Tgt Ion:	172	Resp:	657466
Ion Ratio	Lower	Upper	
172	100		
171	37.5	31.1	46.7
170	24.8	20.5	30.7

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





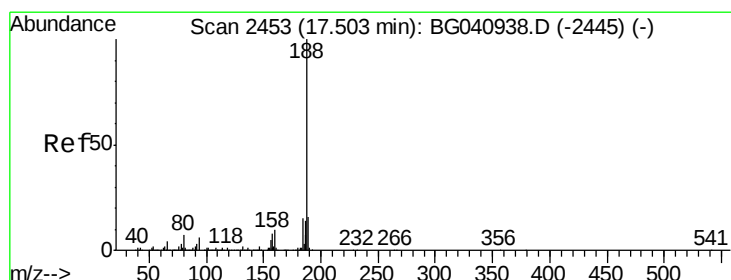
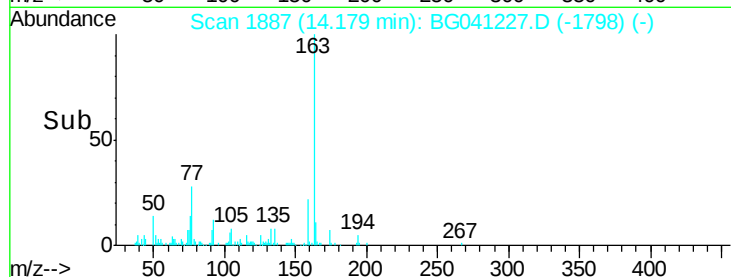
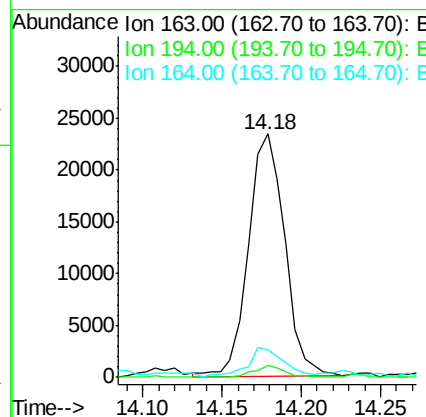
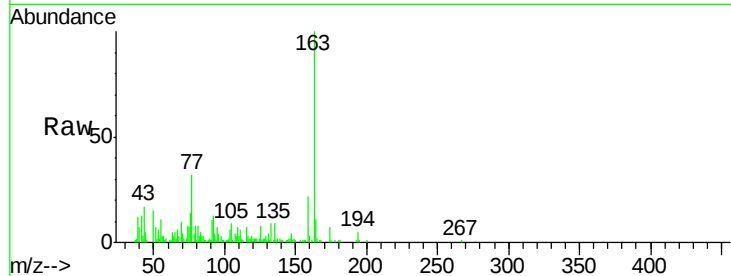
#50
Dimethylphthalate
Concen: 4.531 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Instrument :
BNA_G
ClientSampleId :
SS043MW009-190610

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	37238		
194	5.0		3.8	5.8
164	11.0		8.7	13.1

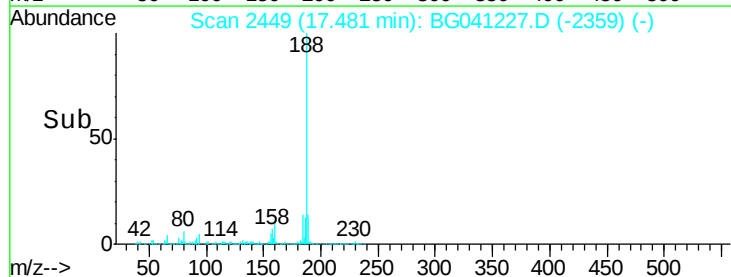
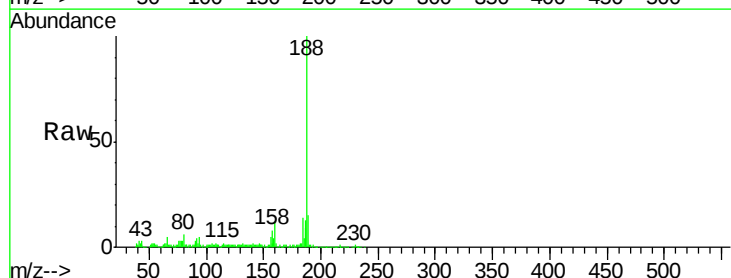
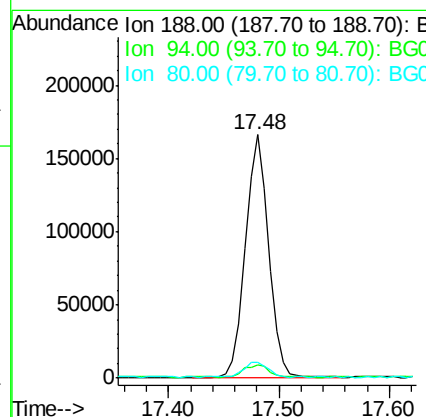
Manual Integrations
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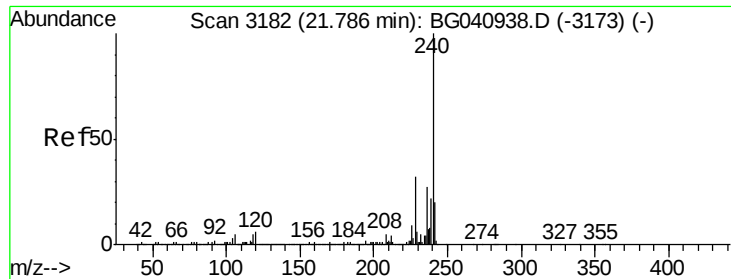
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	246260		
94	5.3		4.7	7.1
80	6.2		5.8	8.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041227.D

Acq: 13 Jun 2019 17:36

Instrument :

BNA_G

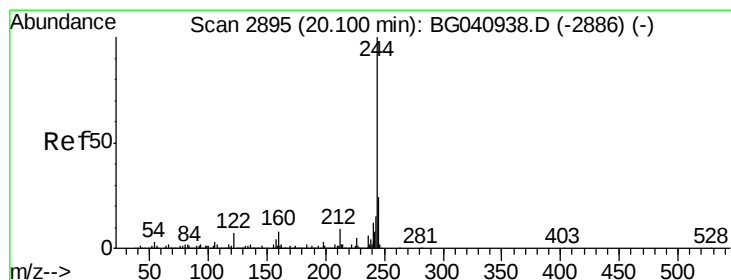
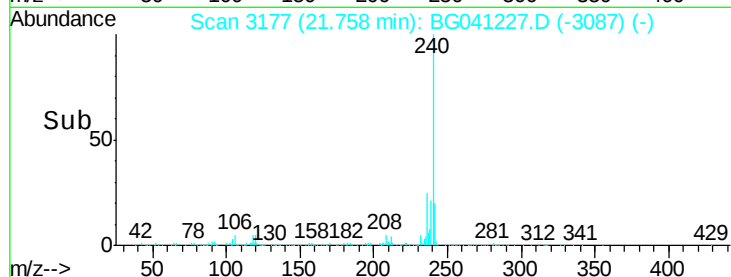
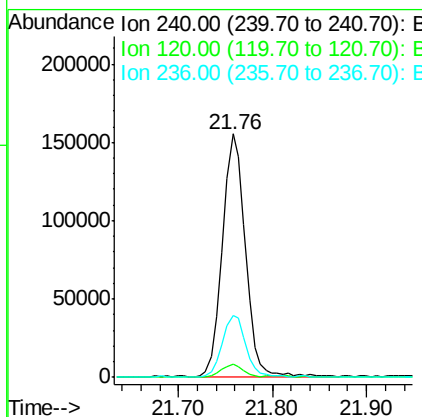
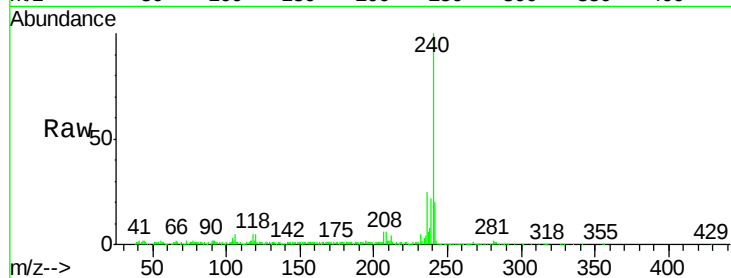
ClientSampleId :

SS043MW009-190610

Tgt Ion:	240	Resp:	265014
Ion Ratio	Lower	Upper	
240	100		
120	6.4	4.5	6.7
236	25.2	21.3	31.9

Manual Integrations
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#79

Terphenyl-d14

Concen: 85.141 ng

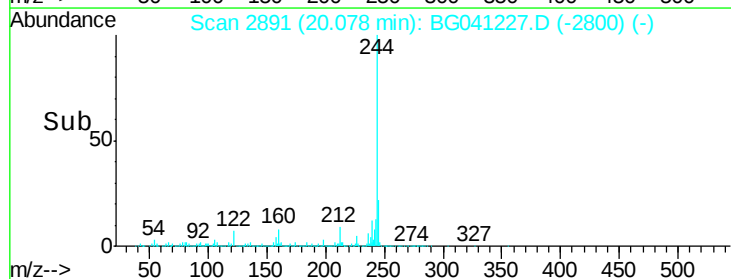
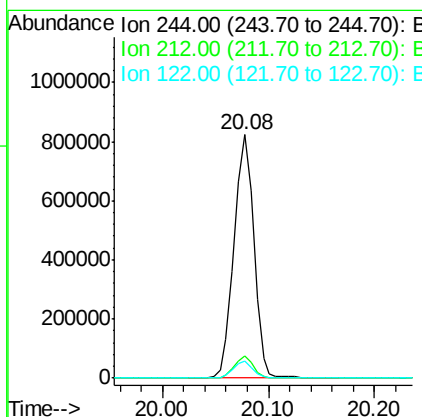
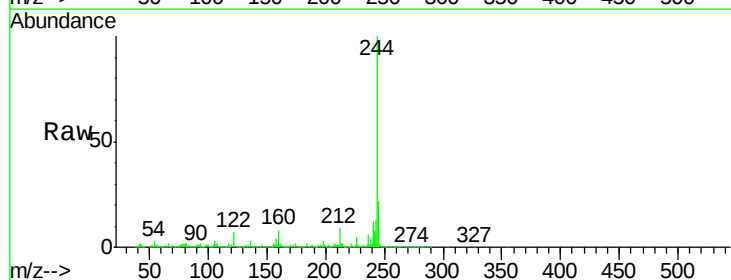
RT: 20.08 min Scan# 2891

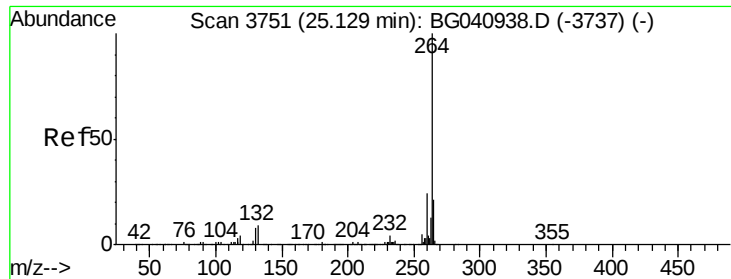
Delta R.T. 0.00 min

Lab File: BG041227.D

Acq: 13 Jun 2019 17:36

Tgt Ion:	244	Resp:	1063143
Ion Ratio	Lower	Upper	
244	100		
212	8.8	7.0	10.4
122	6.8	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041227.D
Acq: 13 Jun 2019 17:36

Instrument :
BNA_G
ClientSampleId :
SS043MW009-190610

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.1	19.0	28.4		
265	21.8	17.0	25.4		

Manual Integrations
APPROVED

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