

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045816.D
 Acq On : 19 Jun 2020 15:26
 Operator : CG/JU
 Sample : L3033-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616

Manual Integrations
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mohammad
 6/22/2020 3:24:18 PM

Quant Time: Jun 20 00:43:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55881	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	210362	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	142319	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	302109	20.00	ng	0.00
76) Chrysene-d12	21.57	240	292215	20.00	ng	0.00
86) Perylene-d12	24.71	264	317566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	182175	55.07	ng	0.00
7) Phenol-d6	7.19	99	176082	34.99	ng	0.02
23) Nitrobenzene-d5	9.09	82	403486	87.62	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	300927	140.05	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	895326	92.45	ng	0.00
79) Terphenyl-d14	19.94	244	1386224	96.14	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	3680	2.429	ng	Qvalue # 78
11) bis(2-Chloroethyl)ether	7.34	93	9669	2.611	ng	94
12) 1,3-Dichlorobenzene	7.81	146	248732	58.945	ng	99
13) 1,4-Dichlorobenzene	7.96	146	949566	225.290	ng	95
14) 1,2-Dichlorobenzene	8.30	146	5038342m	1248.635	ng	
29) 2,4-Dichlorophenol	10.48	162	29929	8.214	ng	90
30) 1,2,4-Trichlorobenzene	10.59	180	12097	2.805	ng	97
38) 1-Methylnaphthalene	12.60	142	40000	4.936	ng	# 95
46) 1,1'-Biphenyl	13.40	154	28183	2.766	ng	94
50) Dimethylphthalate	14.02	163	82635	7.412	ng	98

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

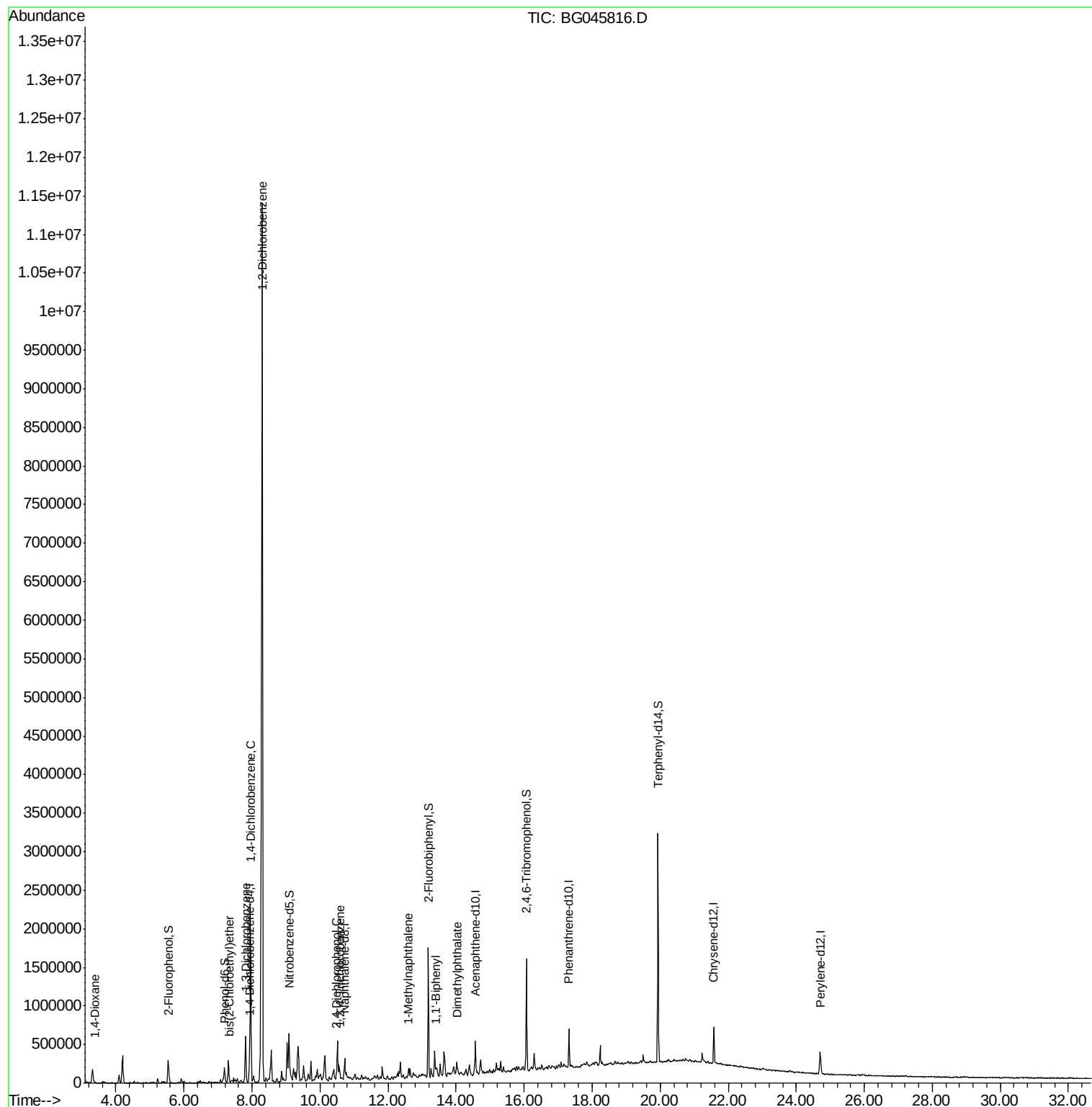
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045816.D
Acq On : 19 Jun 2020 15:26
Operator : CG/JU
Sample : L3033-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

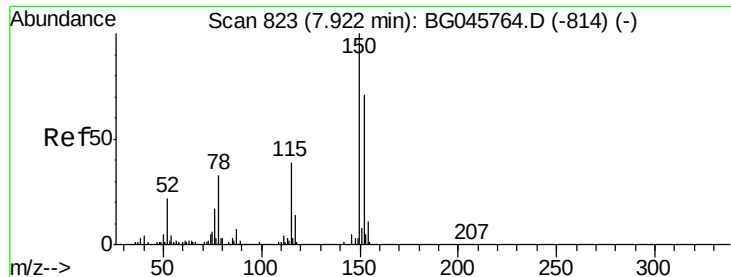
Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

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Quant Time: Jun 20 00:43:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

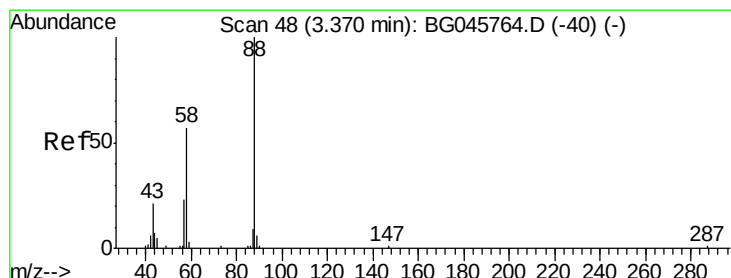
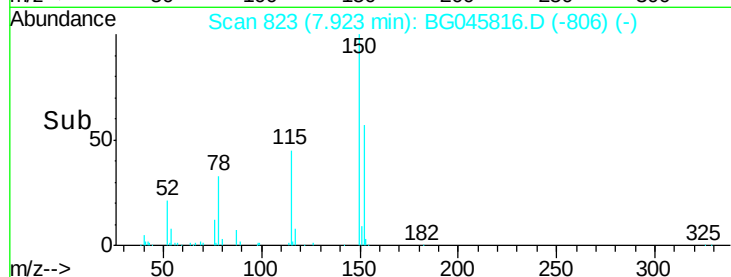
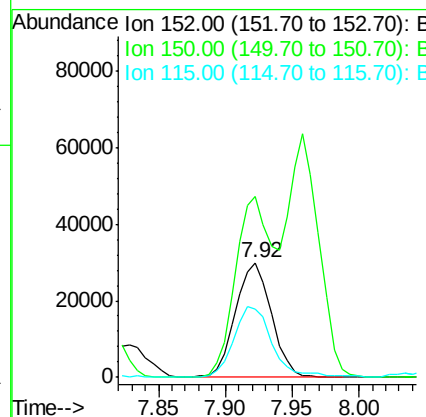
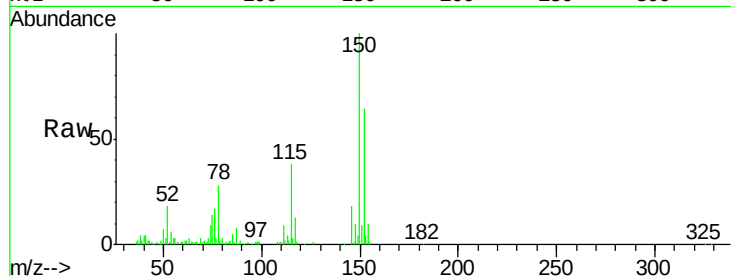
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	113.1	169.7
115	59.4	43.8	65.6

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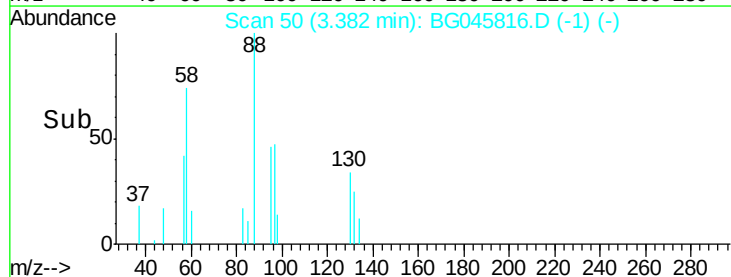
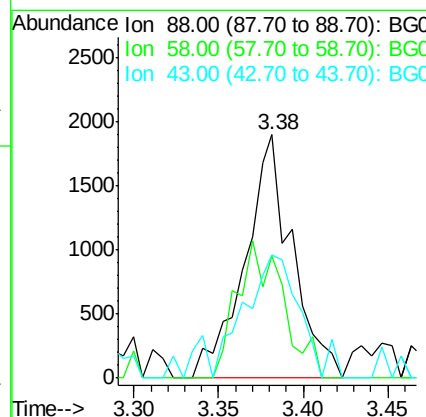
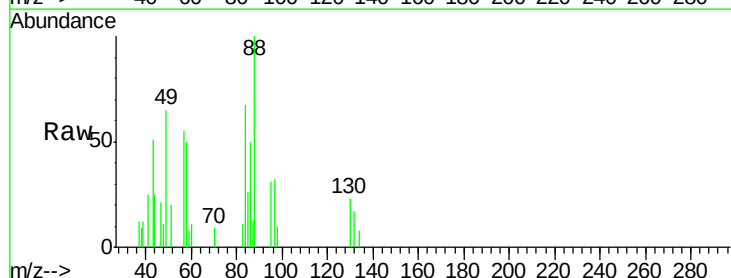
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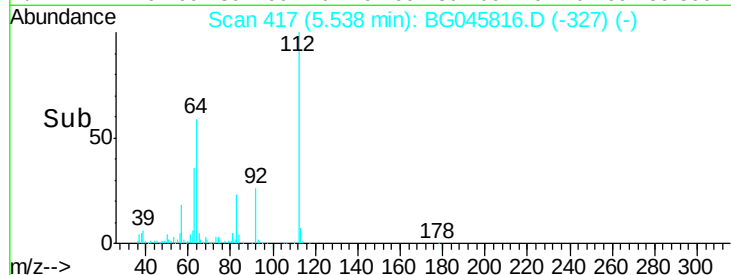
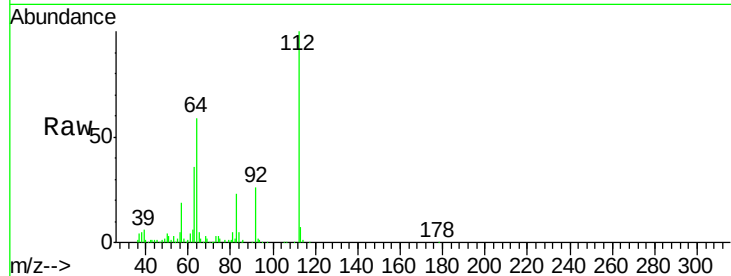
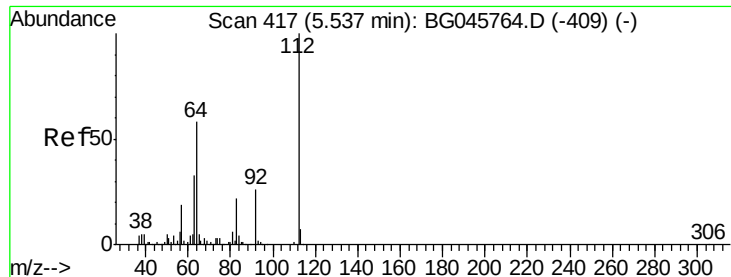


#2

1,4-Dioxane
Concen: 2.429 ng
RT: 3.38 min Scan# 50
Delta R.T. 0.01 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.4	46.1	69.1
43	56.5	19.2	28.8#





#5

2-Fluorophenol

Concen: 55.070 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		182175		
64	58.8	46.6	69.8		
63	36.2	26.3	39.5		

Instrument :

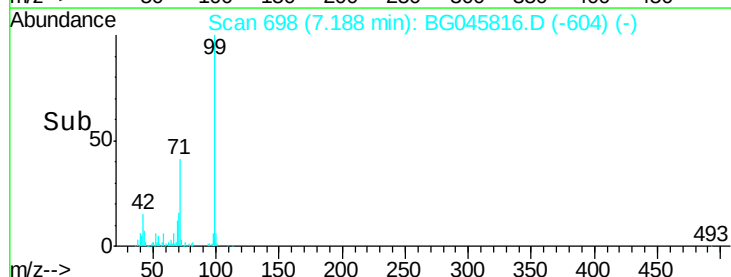
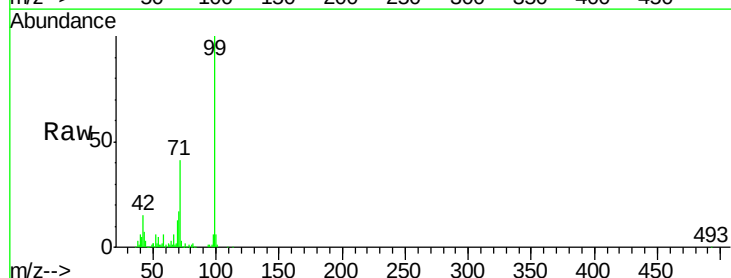
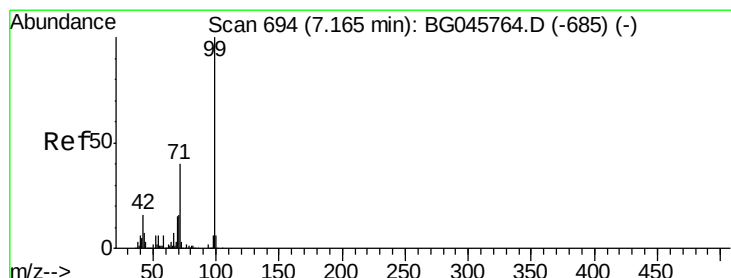
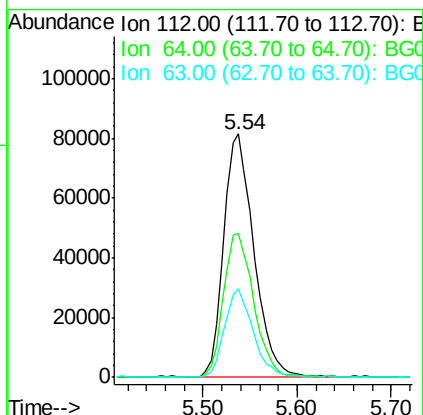
BNA_G

ClientSampleId :

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#7

Phenol-d6

Concen: 34.993 ng

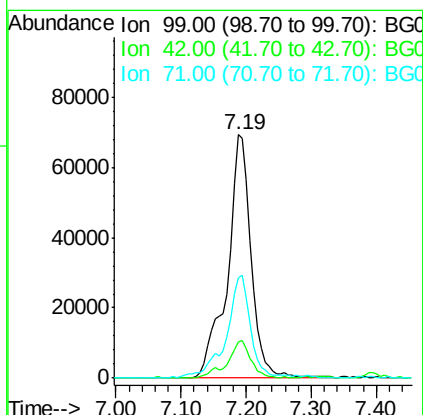
RT: 7.19 min Scan# 698

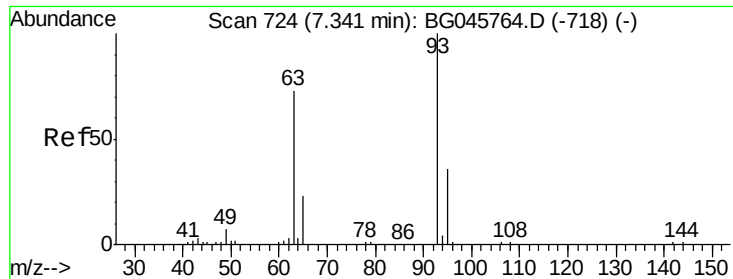
Delta R.T. 0.02 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		176082		
42	14.9	12.4	18.6		
71	41.3	32.1	48.1		





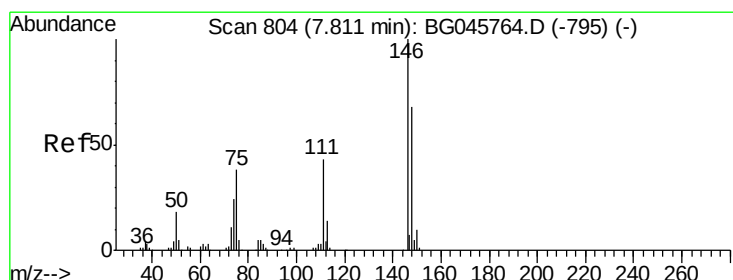
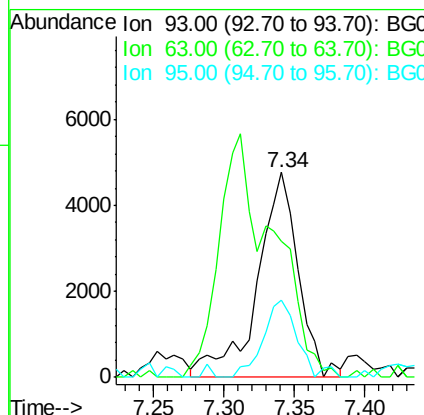
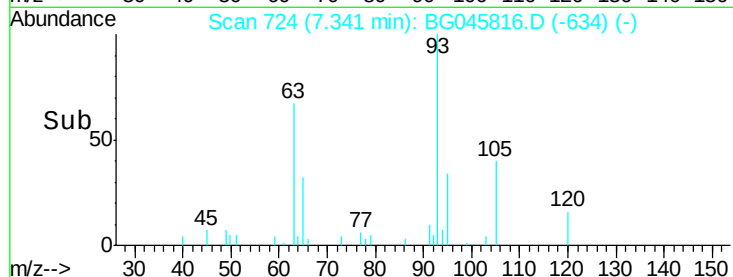
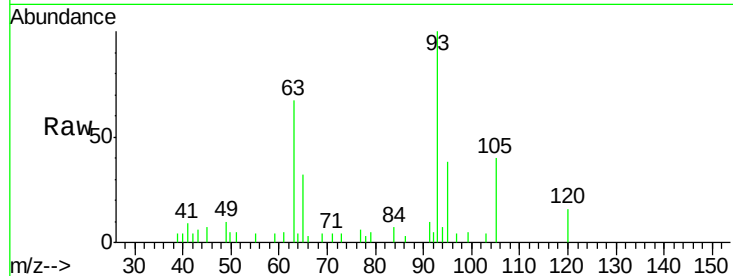
#11
bis(2-Chloroethyl)ether
Concen: 2.611 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion:	93	Resp:	9669
Ion	Ratio	Lower	Upper
93	100		
63	66.6	52.0	92.0
95	38.0	15.6	55.6

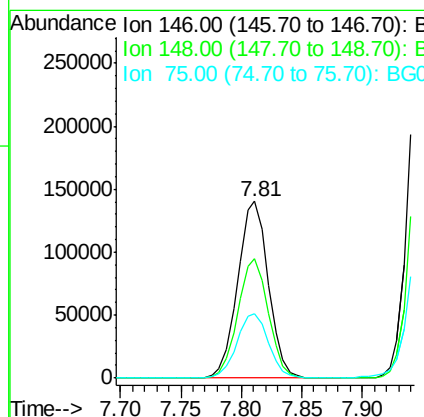
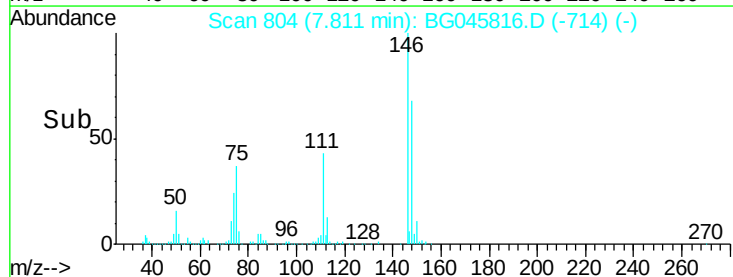
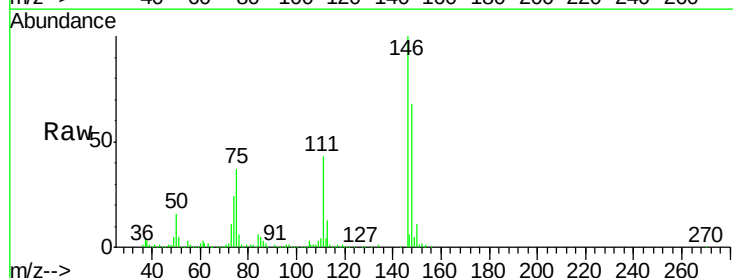
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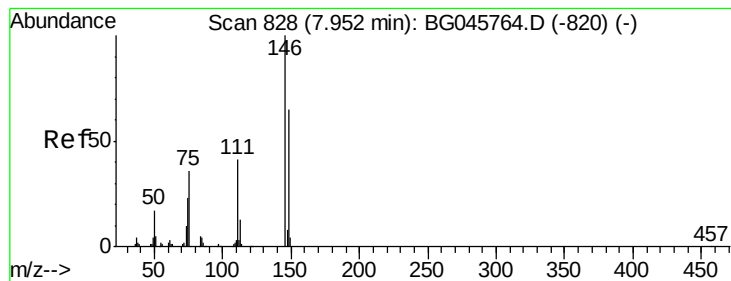
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#12
1,3-Dichlorobenzene
Concen: 58.945 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion:	146	Resp:	248732
Ion	Ratio	Lower	Upper
146	100		
148	67.6	54.2	81.4
75	36.8	30.1	45.1





#13

1,4-Dichlorobenzene

Concen: 225.290 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

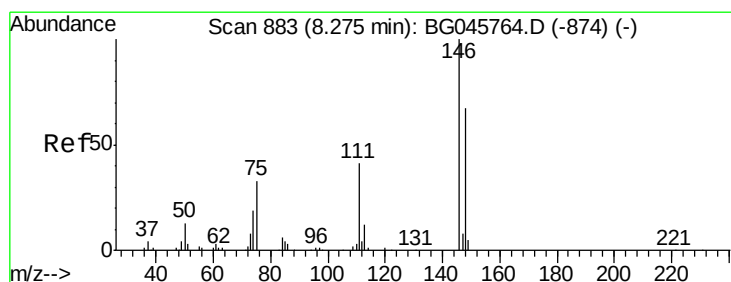
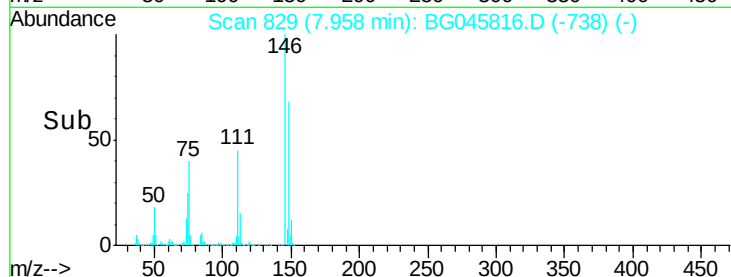
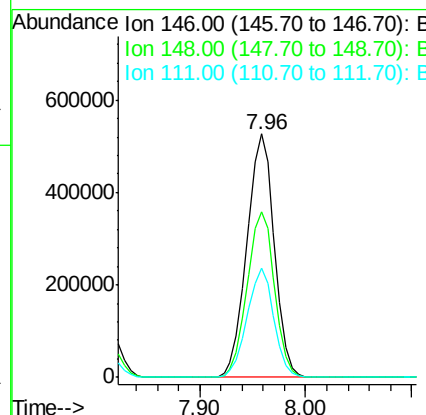
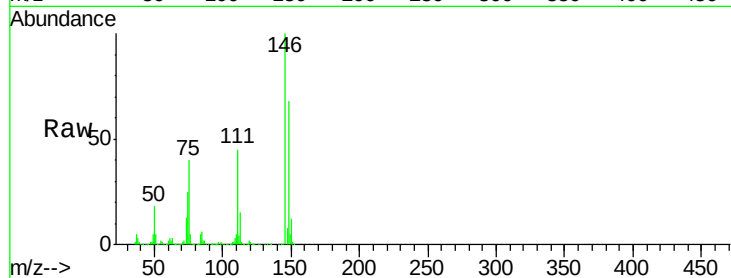
ClientSampleId :

SS043MW009-200616

Tot Ion:	146	Resp:	949566
Ion Ratio	Lower	Upper	
146	100		
148	67.9	51.8	77.6
111	45.0	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 1248.635 ng m

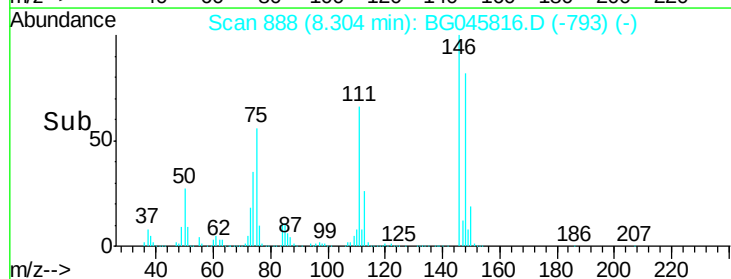
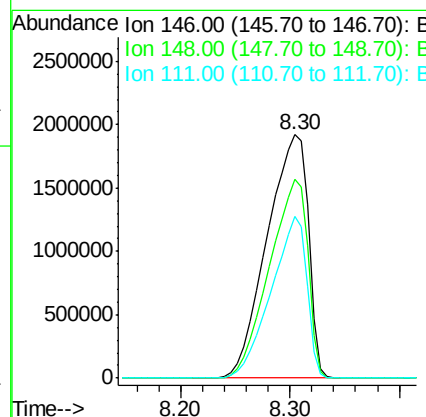
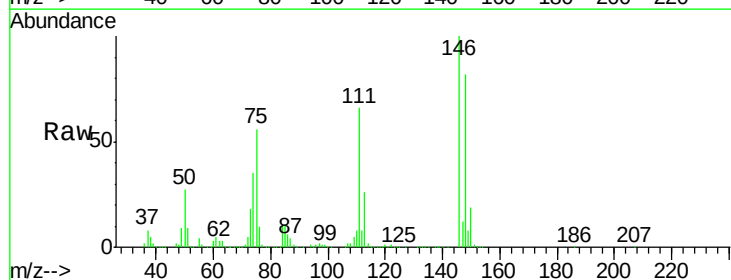
RT: 8.30 min Scan# 888

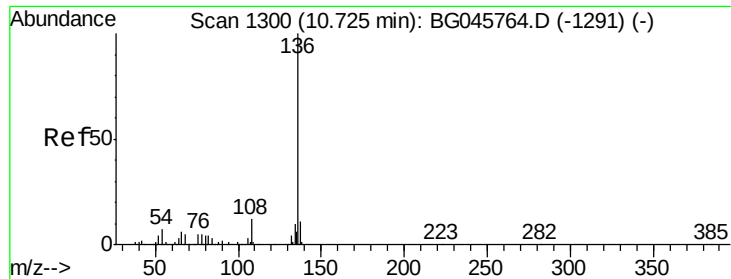
Delta R.T. 0.03 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Tgt Ion:	146	Resp:	5038342
Ion Ratio	Lower	Upper	
146	100		
148	81.5	54.1	81.1#
111	66.2	32.9	49.3#





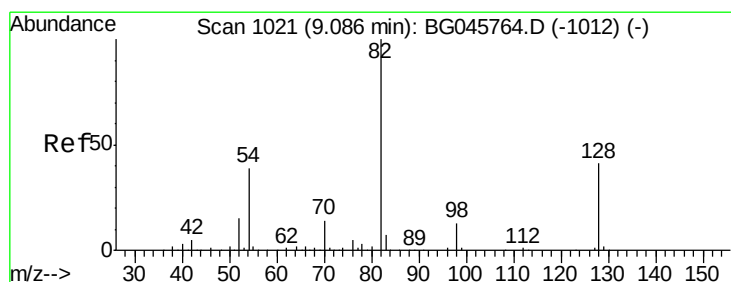
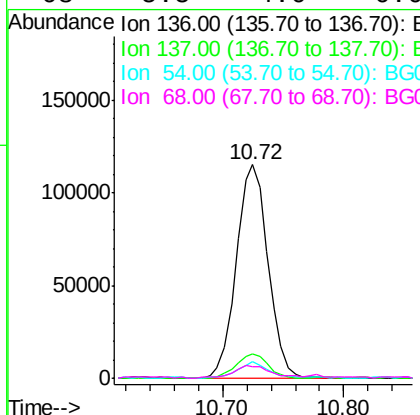
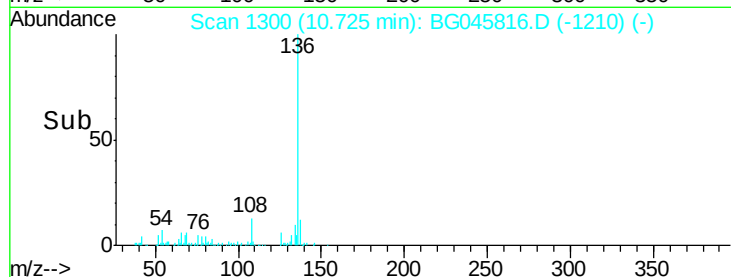
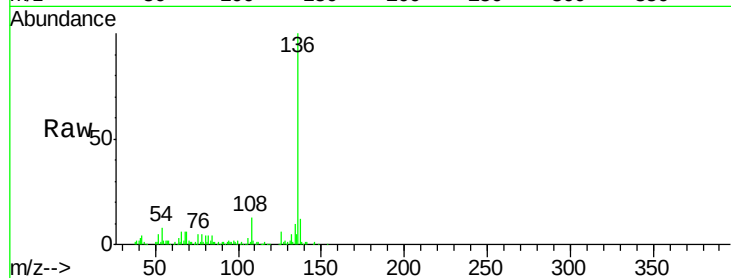
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Resp	Lower	Upper
136	100	210362		
137	11.5	8.7	13.1	
54	7.5	5.8	8.6	
68	5.5	4.0	6.0	

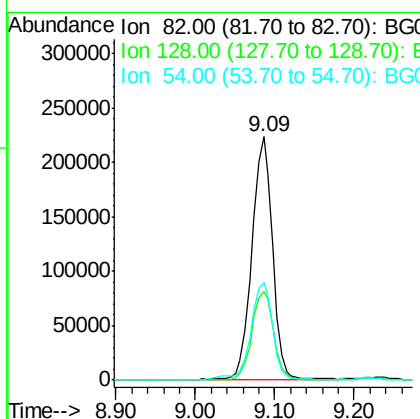
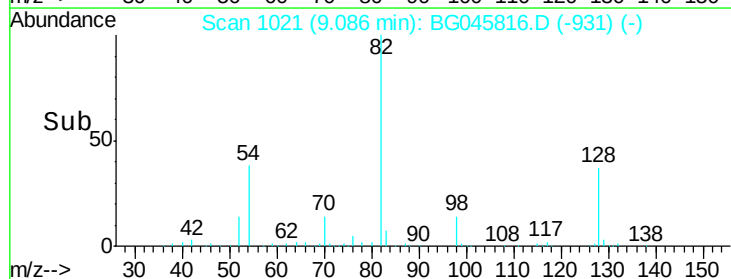
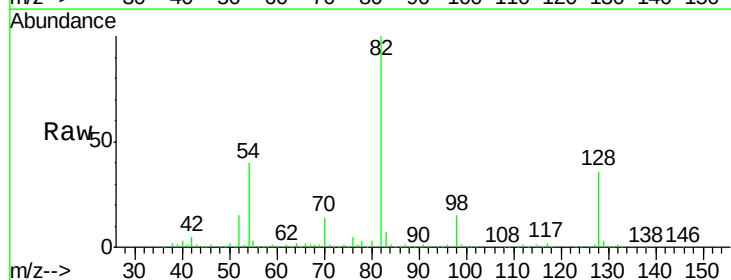
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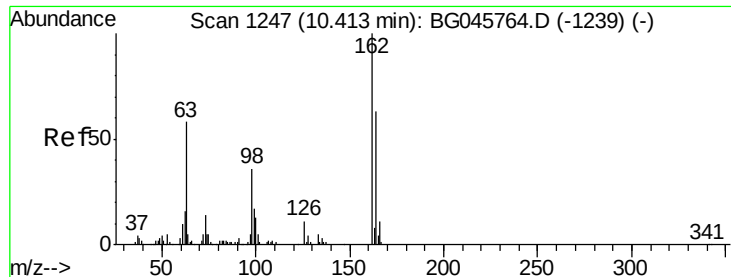
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#23
Nitrobenzene-d5
Concen: 87.623 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	403486		
128	36.2	32.5	48.7	
54	40.1	31.2	46.8	





#29

2,4-Dichlorophenol

Concen: 8.214 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.06 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

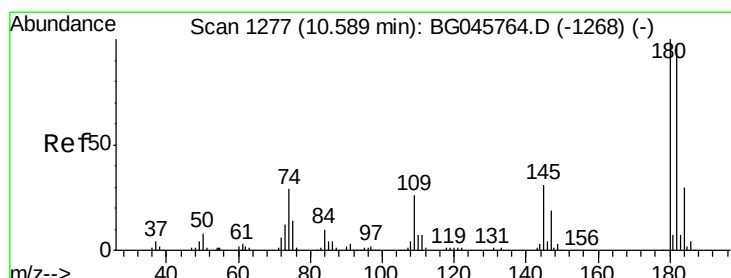
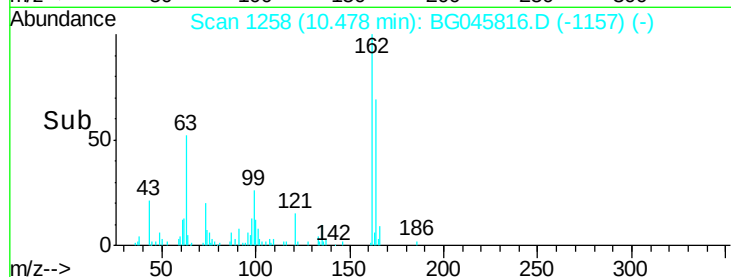
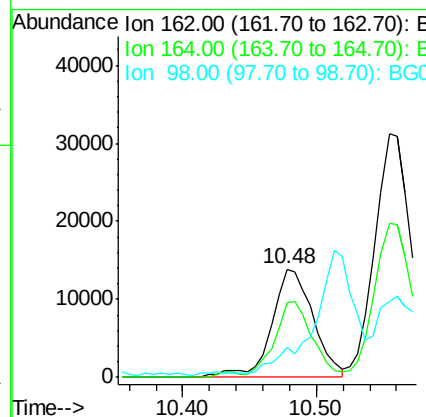
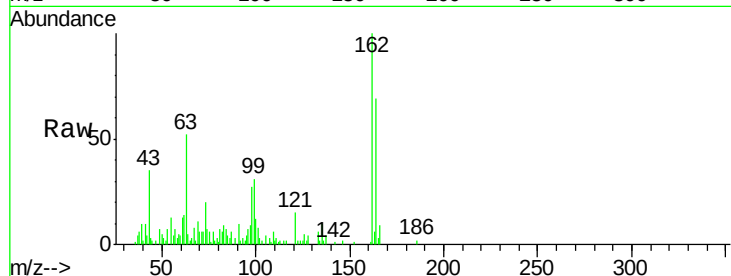
ClientSampleId :

SS043MW009-200616

Tot Ion:	162	Resp:	29929
Ion Ratio	Lower	Upper	
162	100		
164	69.1	43.3	83.3
98	27.1	15.5	55.5

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#30

1,2,4-Trichlorobenzene

Concen: 2.805 ng

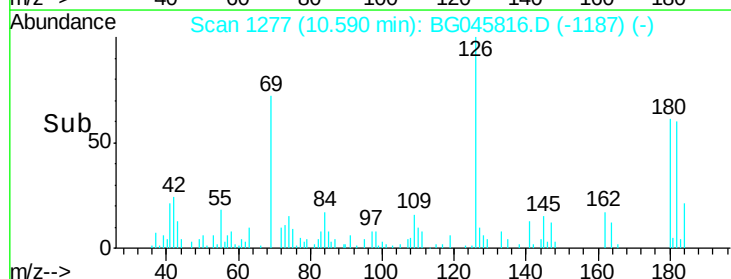
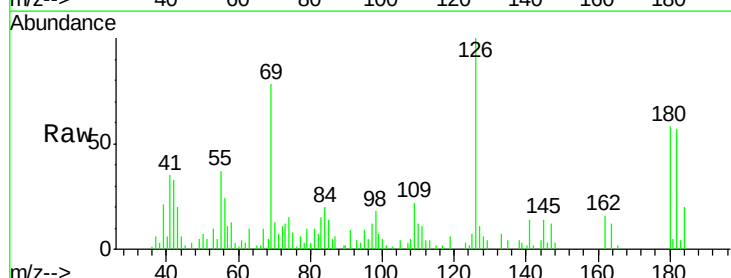
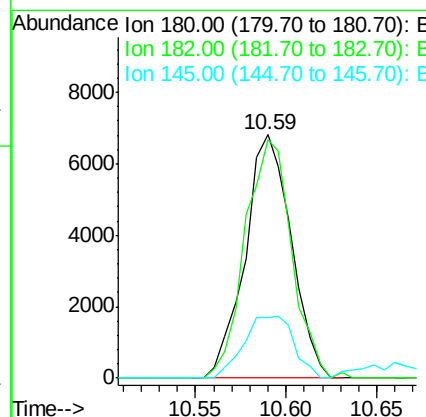
RT: 10.59 min Scan# 1277

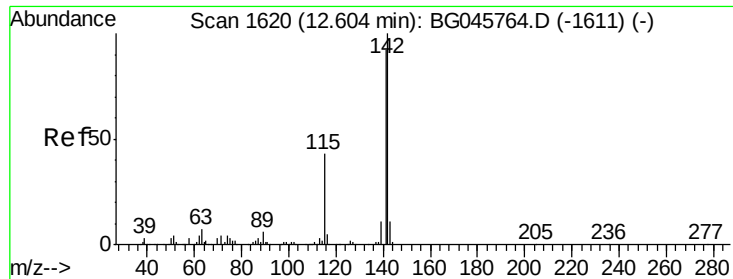
Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Tgt Ion:	180	Resp:	12097
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.8	116.6
145	24.8	24.5	36.7





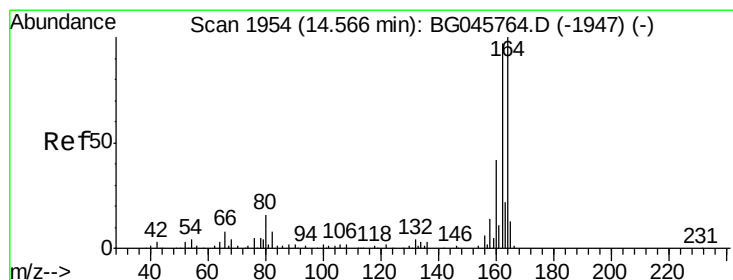
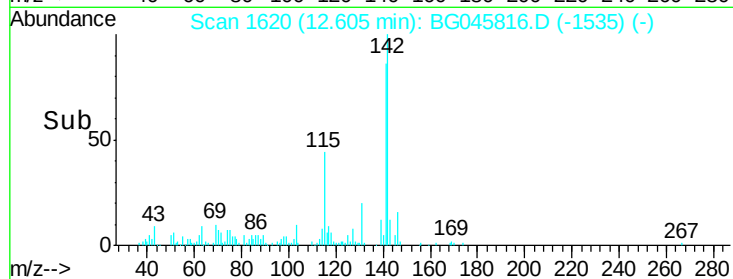
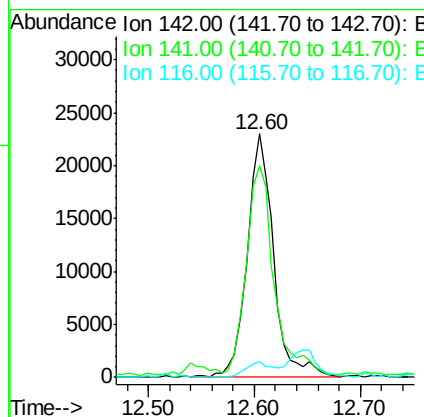
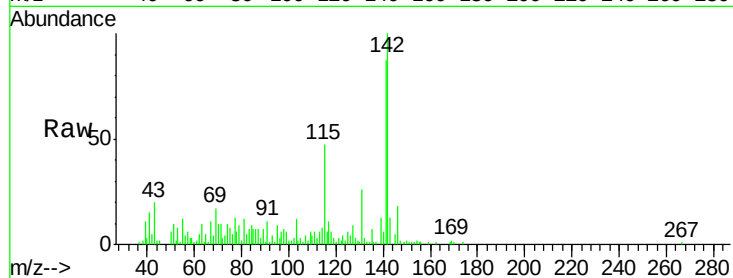
#38
1-Methylnaphthalene
Concen: 4.936 ng
RT: 12.60 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	73.8	110.8
116	6.3	3.8	5.8#

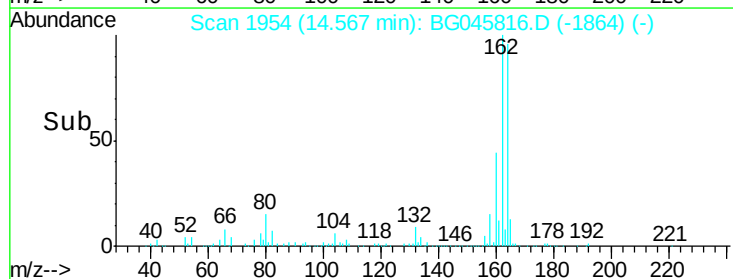
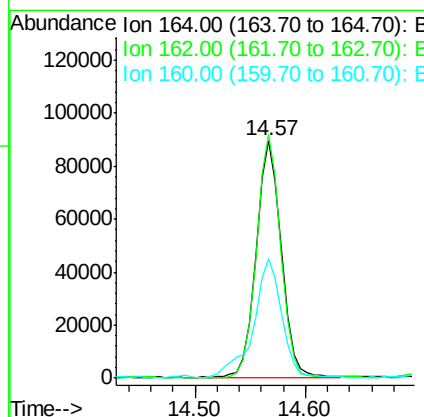
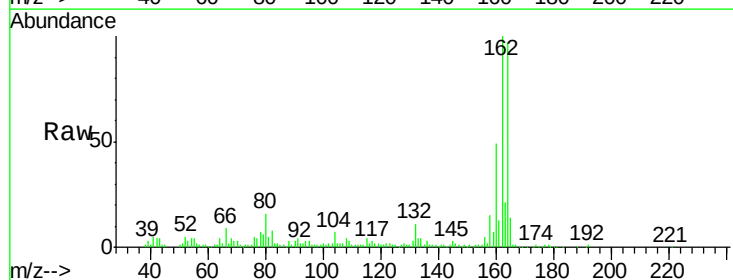
Manual Integrations
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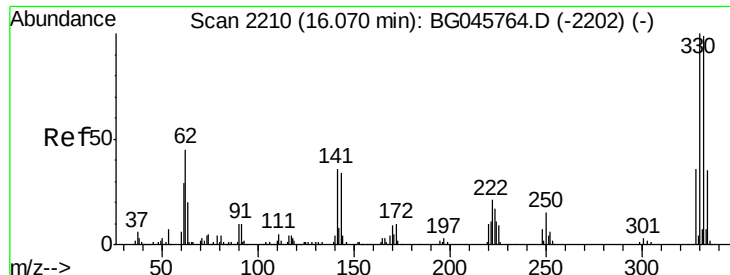
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	77.4	116.0
160	50.5	33.3	49.9#





#42

2,4,6-Tribromophenol

Concen: 140.054 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

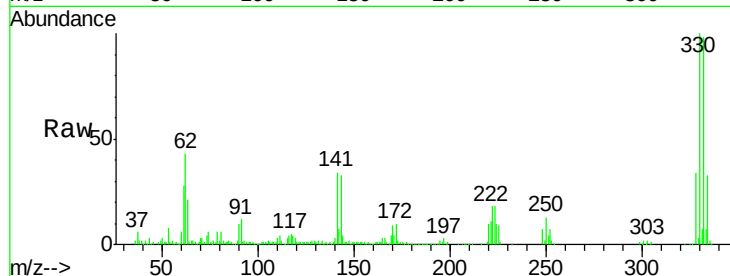
ClientSampleId :

SS043MW009-200616

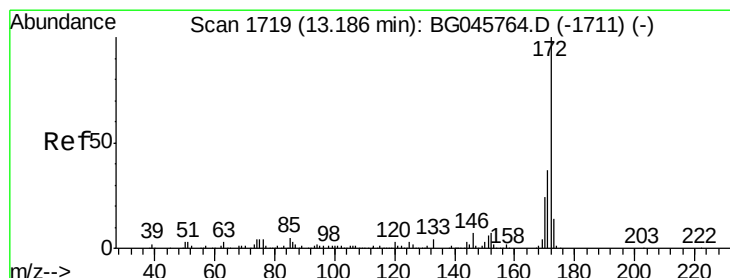
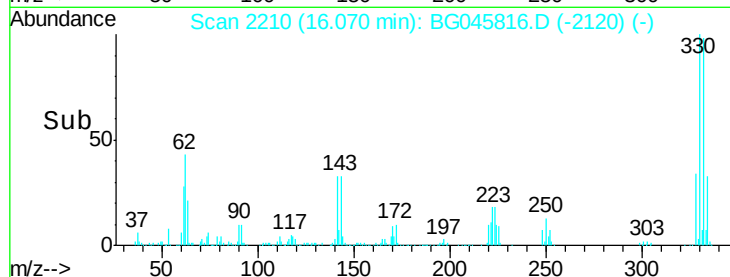
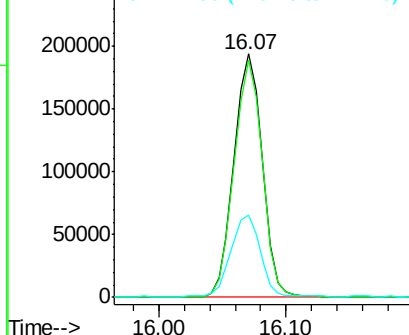
Tot Ion:	330	Resp:	300927
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.6	117.8
141	34.4	28.2	42.4

Manual Integrations
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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: 92.450 ng

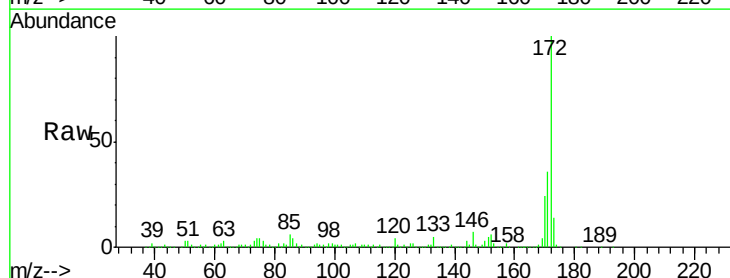
RT: 13.19 min Scan# 1719

Delta R.T. 0.00 min

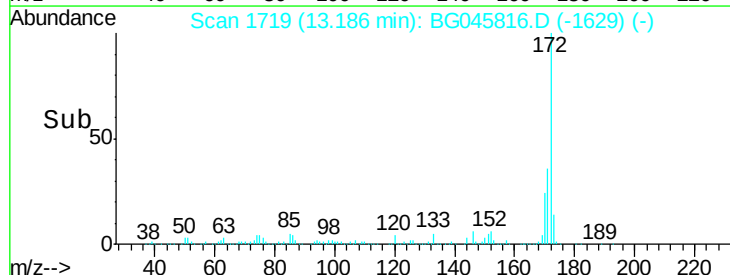
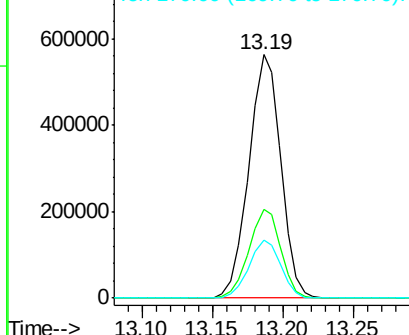
Lab File: BG045816.D

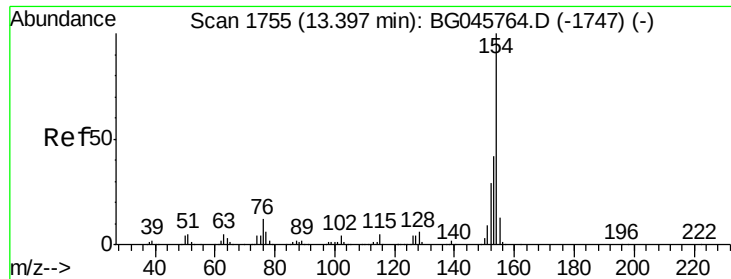
Acq: 19 Jun 2020 15:26

Tgt Ion:	172	Resp:	895326
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.9	44.9
170	23.8	19.3	28.9



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





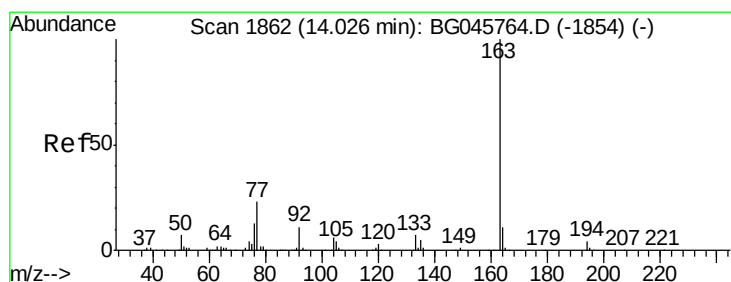
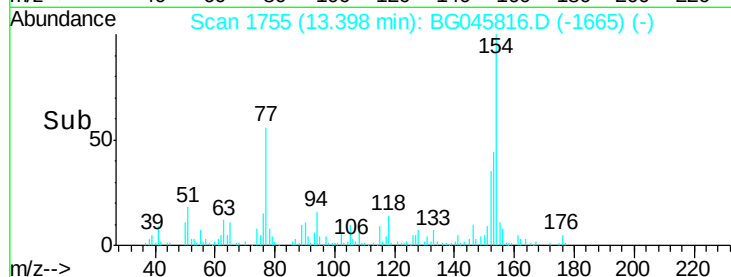
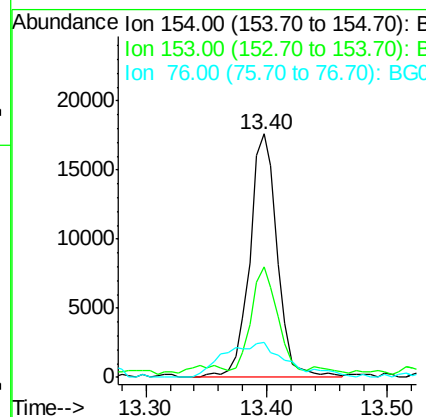
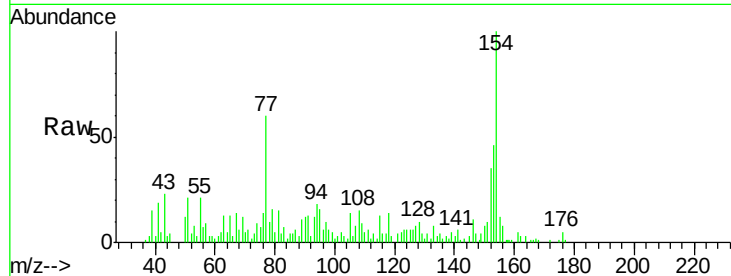
#46
1,1'-Biphenyl
Concen: 2.766 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Lower	Upper
154	100		
153	45.5	21.7	61.7
76	14.4	0.0	32.0

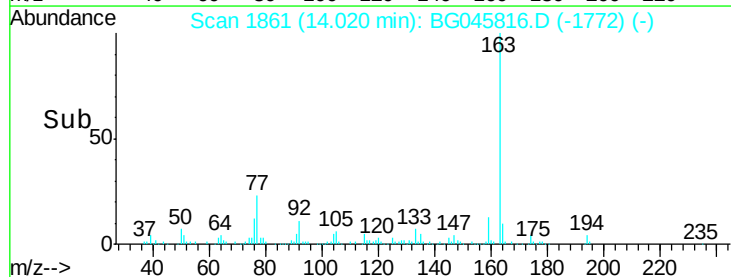
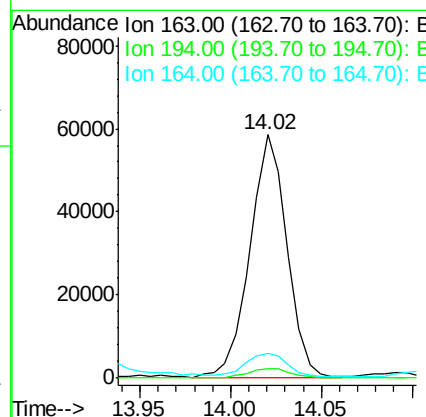
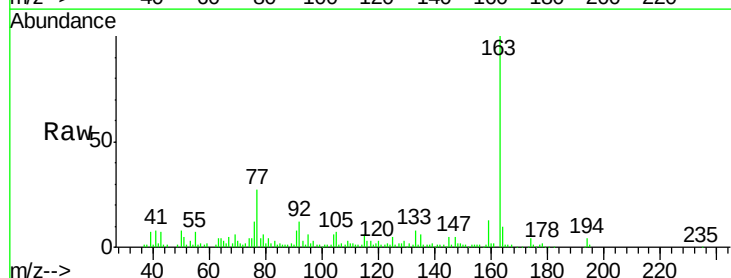
Manual Integrations
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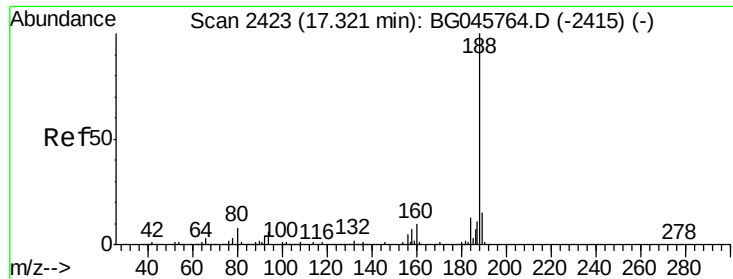
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#50
Dimethylphthalate
Concen: 7.412 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.3	8.9	13.3





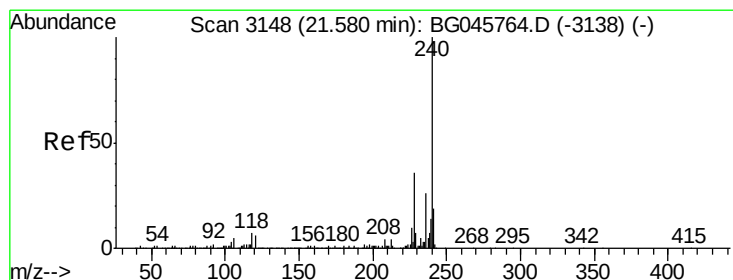
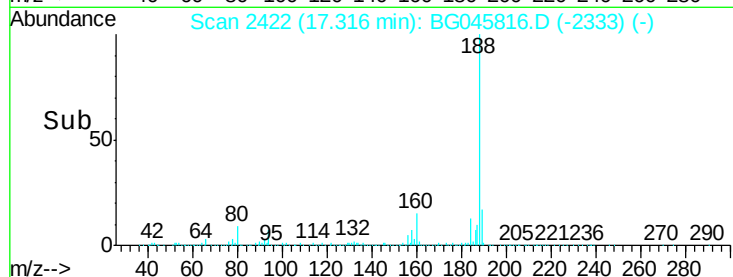
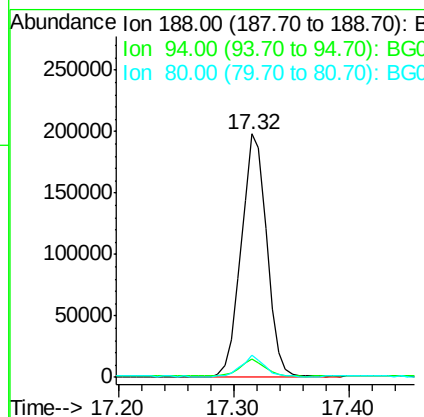
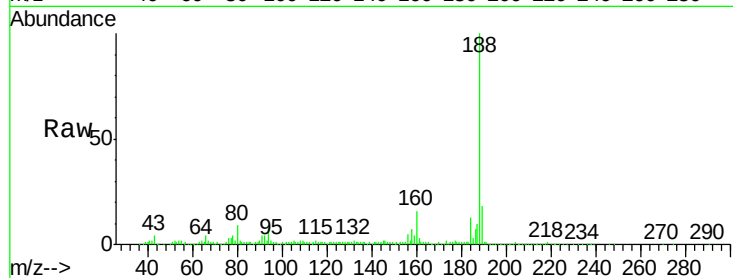
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Resp	Lower	Upper
188	100	302109		
94	7.7	5.1	7.7#	
80	9.2	6.2	9.4	

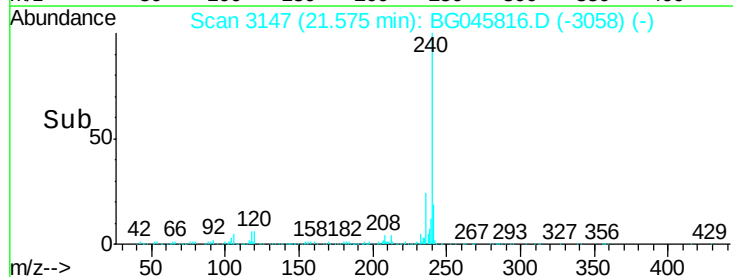
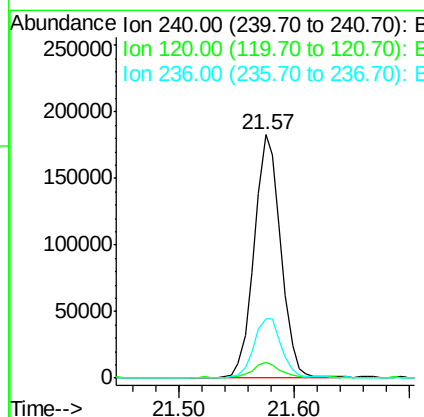
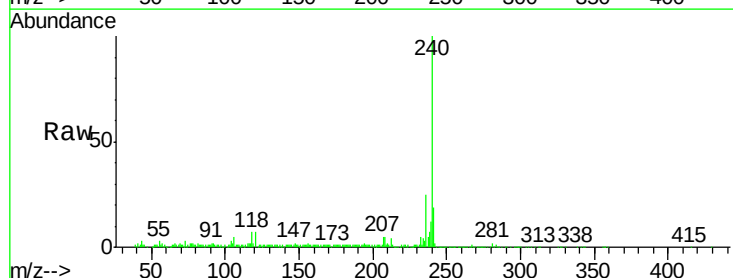
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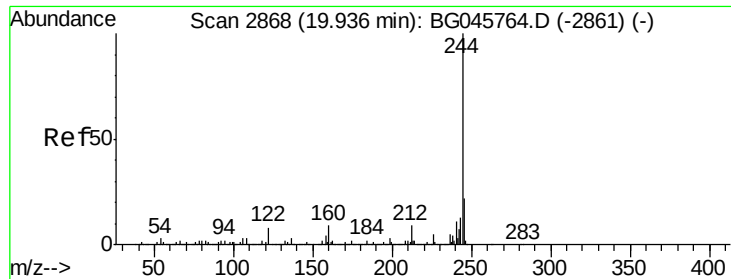
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	292215		
120	6.7	5.0	7.4	
236	24.6	20.6	30.8	





#79

Terphenyl-d14

Concen: 96.139 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

Tot Ion:244 Resp: 1386224

Ion Ratio Lower Upper

244 100

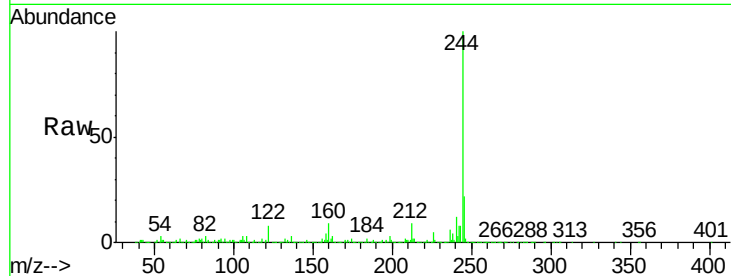
212 9.3 7.2 10.8

122 8.3 6.4 9.6

Manual Integrations
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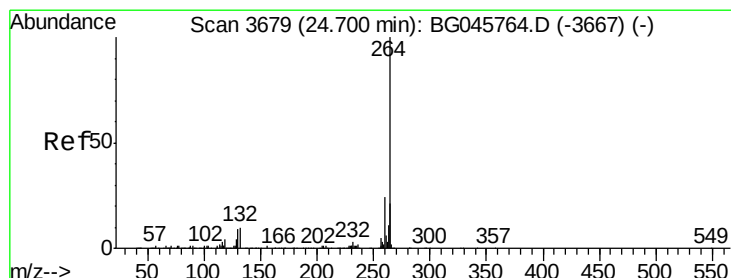
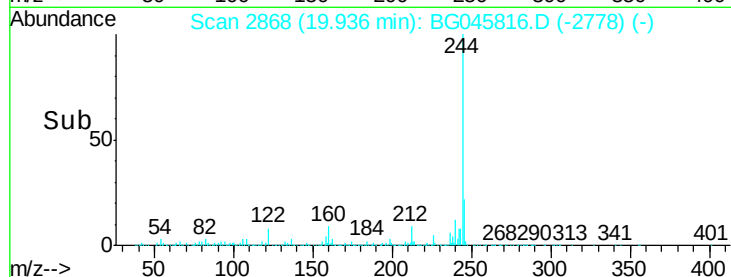
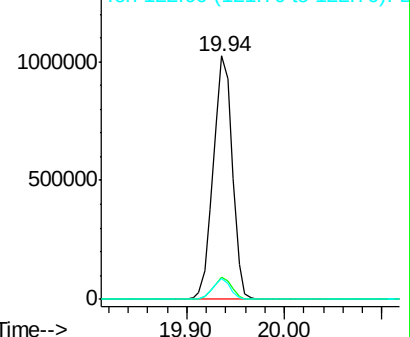
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

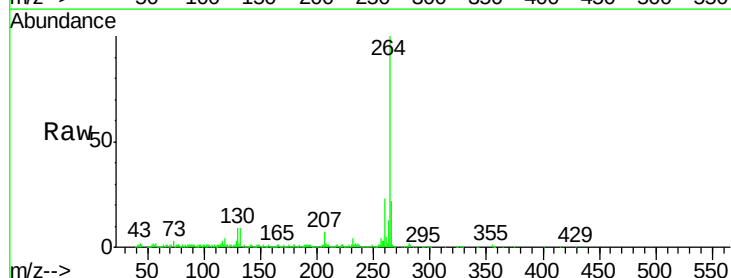
Tgt Ion:264 Resp: 317566

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 21.6 17.4 26.0



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

