

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
 Data File : BG050639.D
 Acq On : 19 Oct 2021 17:50
 Operator : CG/JU
 Sample : M4253-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 137-138

Manual Integrations
 APPROVED

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Quant Time: Oct 20 04:47:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	38929	20.00	ng	0.00
21) Naphthalene-d8	11.073	136	160937	20.00	ng	#-0.01
39) Acenaphthene-d10	14.874	164	109829	20.00	ng	# 0.00
64) Phenanthrene-d10	17.618	188	237317	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	224260	20.00	ng	#-0.01
86) Perylene-d12	25.327	264	227834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	167478	64.34	ng	0.00
7) Phenol-d6	7.395	99	139341	36.97	ng	0.00
23) Nitrobenzene-d5	9.428	82	342847	88.19	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	145902	139.28	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	635372	87.07	ng	-0.01
79) Terphenyl-d14	20.203	244	994742	86.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.424	94	10213	2.79	ng	# 81
17) 2-Methylphenol	8.682	107	31753	13.17	ng	# 90
20) 3+4-Methylphenols	9.011	107	46698	13.76	ng	86
27) 2,4-Dimethylphenol	10.256	122	65432m	26.68	ng	
31) Naphthalene	11.132	128	144645	16.79	ng	97
37) 2-Methylnaphthalene	12.712	142	42362	7.13	ng	95
38) 1-Methylnaphthalene	12.930	142	36704m	6.37	ng	

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

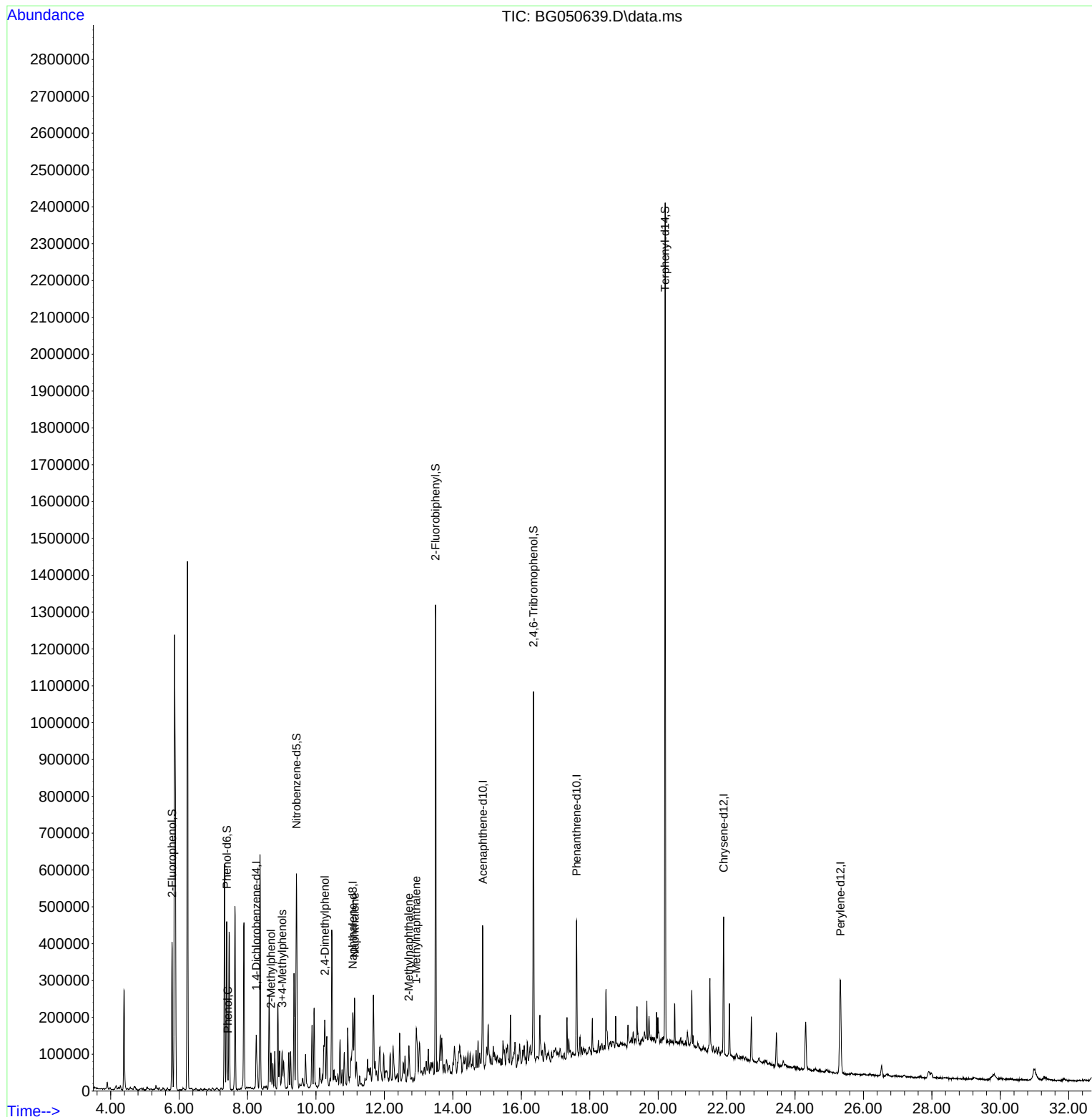
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

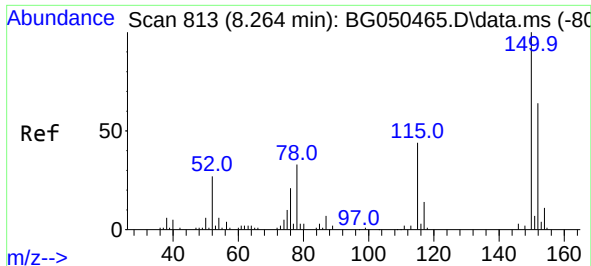
Instrument :
BNA_G
ClientSampleId :
137-138

Manual Integrations
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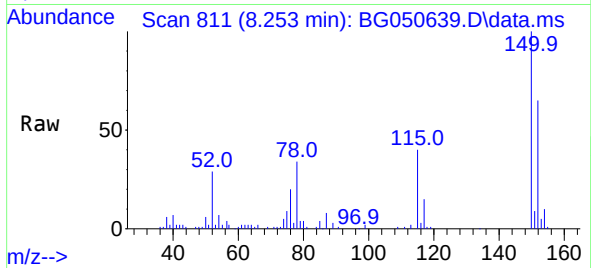
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Quant Time: Oct 20 04:47:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

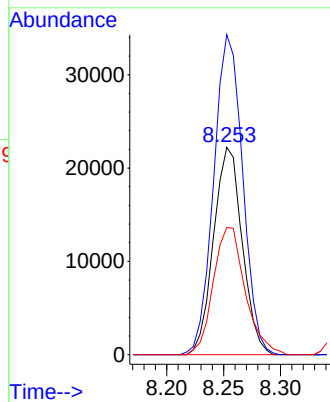
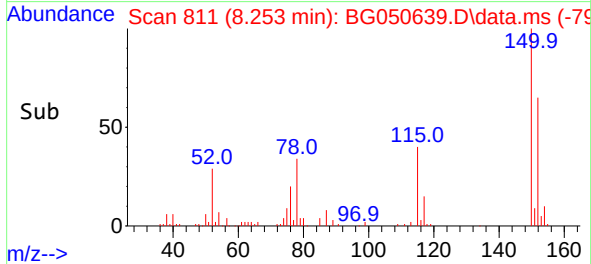




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50



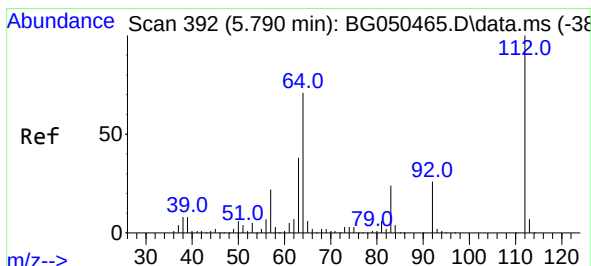
Tgt Ion:152 Resp: 38929
Ion Ratio Lower Upper
152 100
150 154.3 119.4 179.0
115 61.3 60.2 90.4



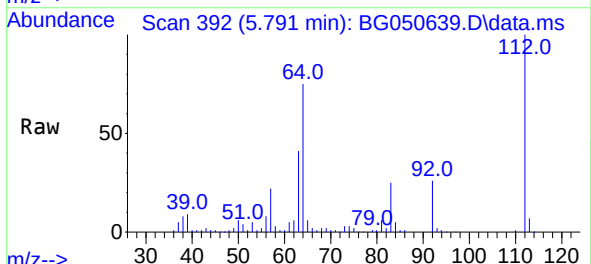
Instrument :
BNA_G
ClientSampled :
137-138

Manual Integrations
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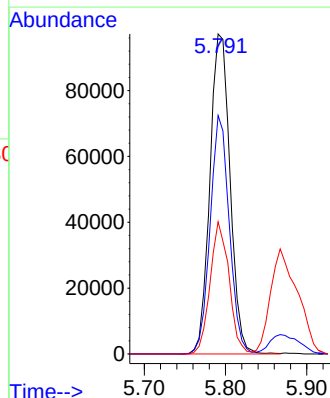
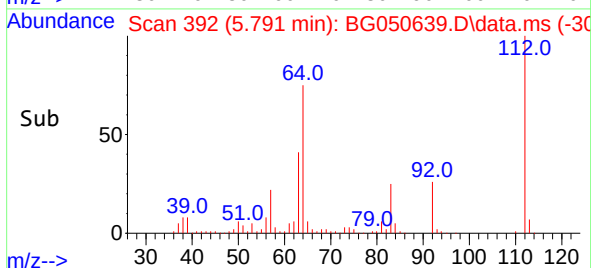
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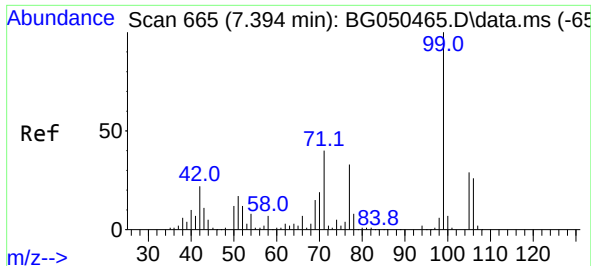


#5
2-Fluorophenol
Concen: 64.34 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50



Tgt Ion:112 Resp: 167478
Ion Ratio Lower Upper
112 100
64 74.5 46.7 70.1#
63 41.3 35.3 52.9





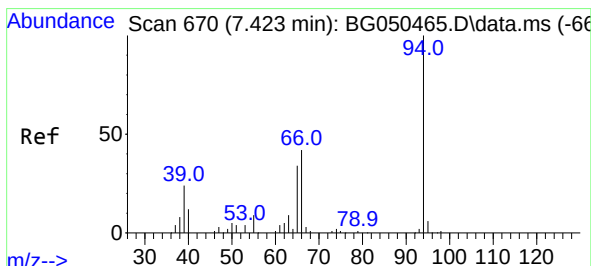
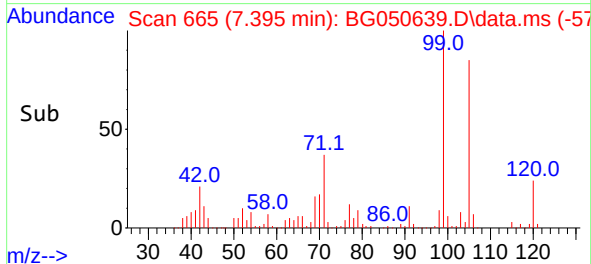
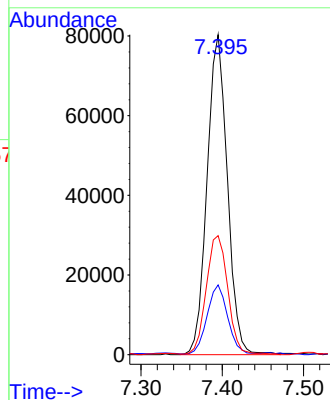
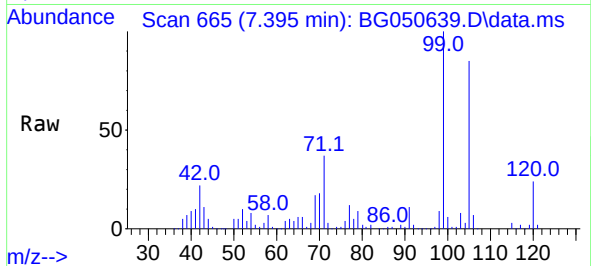
#7
Phenol-d6
Concen: 36.97 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion: 99 Resp: 139341
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 37.2 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
137-138

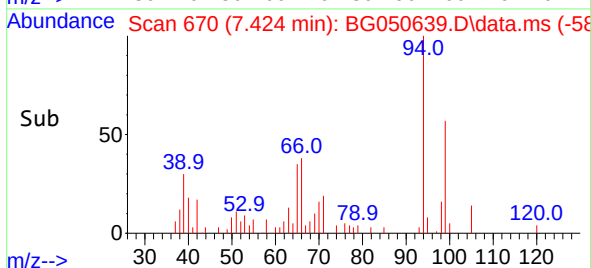
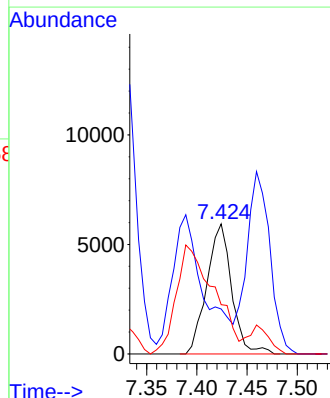
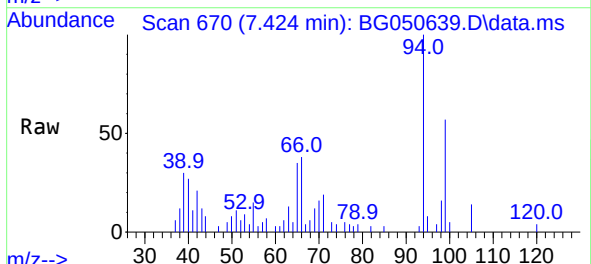
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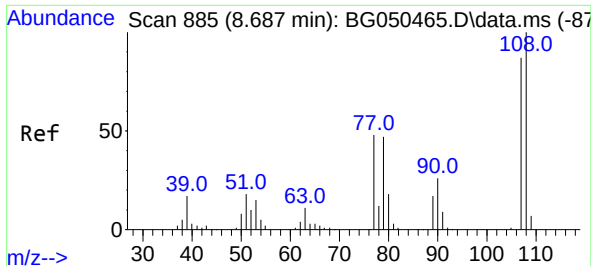
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#10
Phenol
Concen: 2.79 ng
RT: 7.424 min Scan# 670
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion: 94 Resp: 10213
Ion Ratio Lower Upper
94 100
65 34.6 12.9 52.9
66 38.0 39.4 79.4#





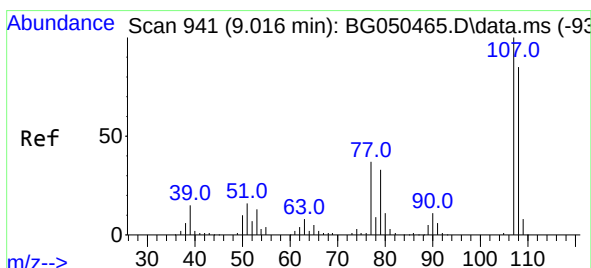
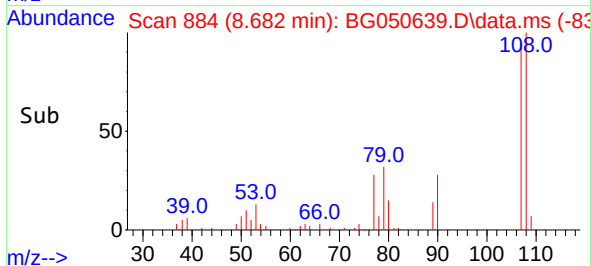
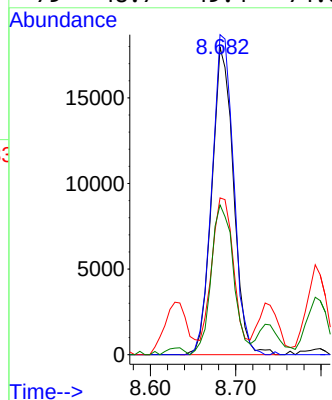
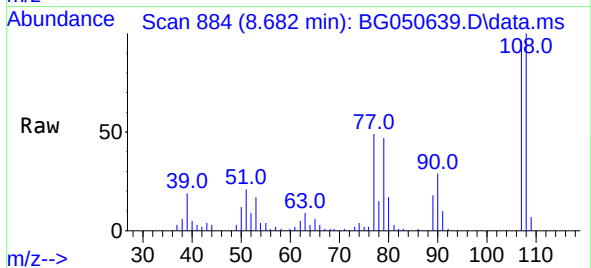
#17
2-Methylphenol
Concen: 13.17 ng
RT: 8.682 min Scan# 884
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:	107	Resp:	31753
Ion	Ratio	Lower	Upper
107	100		
108	104.1	84.6	127.0
77	51.0	50.7	76.1
79	48.7	49.4	74.0#

Instrument :
BNA_G
ClientSampled :
137-138

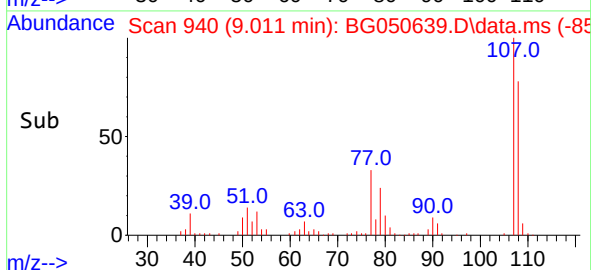
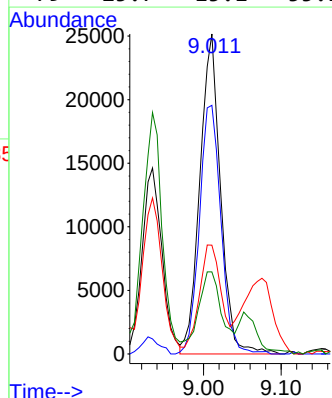
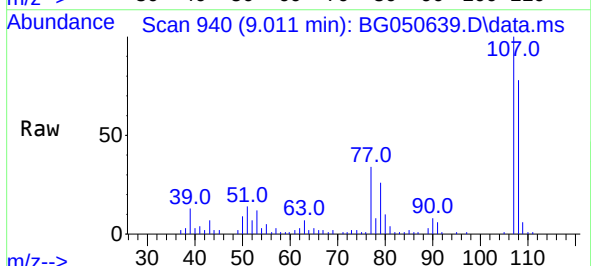
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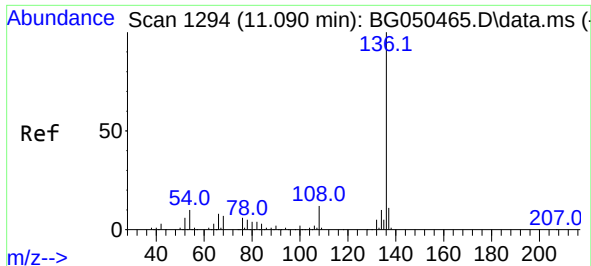
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#20
3+4-Methylphenols
Concen: 13.76 ng
RT: 9.011 min Scan# 940
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

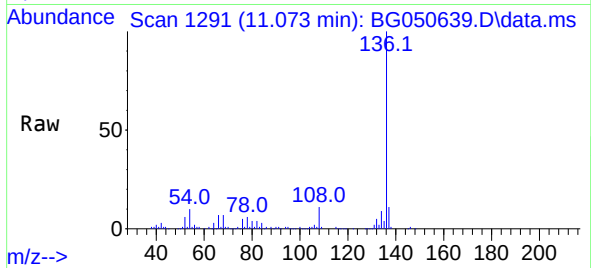
Tgt Ion:	107	Resp:	46698
Ion	Ratio	Lower	Upper
107	100		
108	77.7	69.3	109.3
77	34.0	25.2	65.2
79	25.7	15.1	55.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

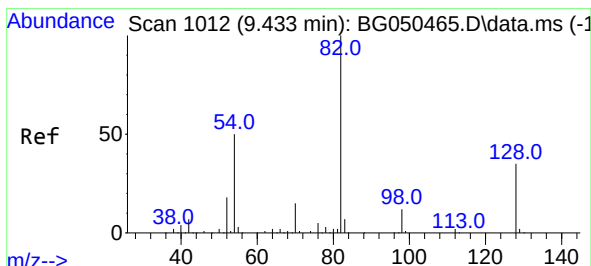
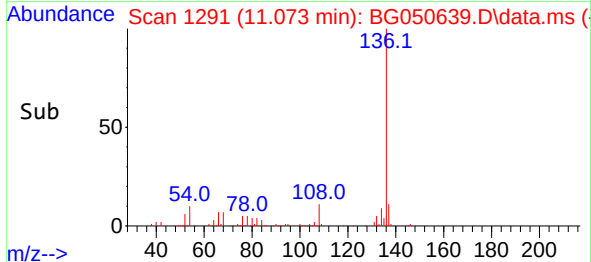
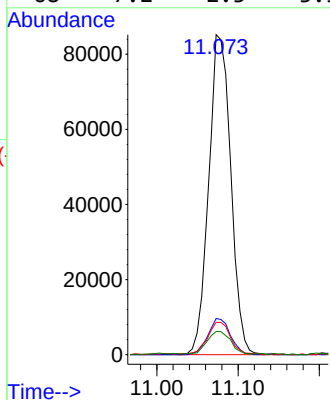
Instrument :
BNA_G
ClientSampled :
137-138



Tgt Ion:	136	Resp:	160937
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	10.1	5.5	8.3#
68	7.2	2.3	3.5#

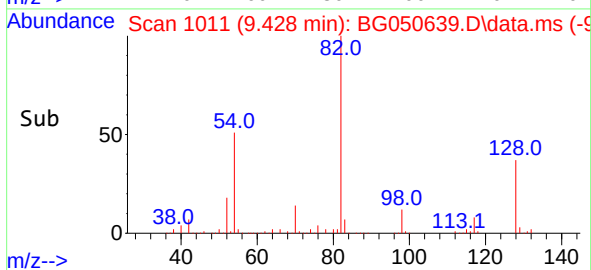
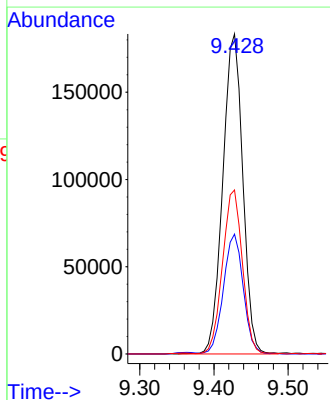
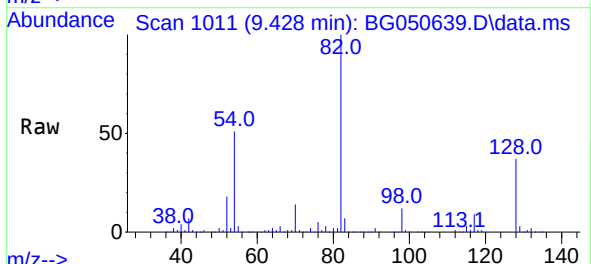
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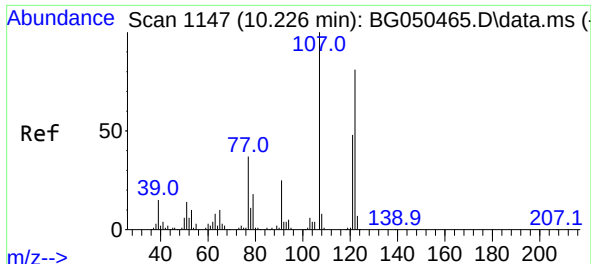
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#23
Nitrobenzene-d5
Concen: 88.19 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

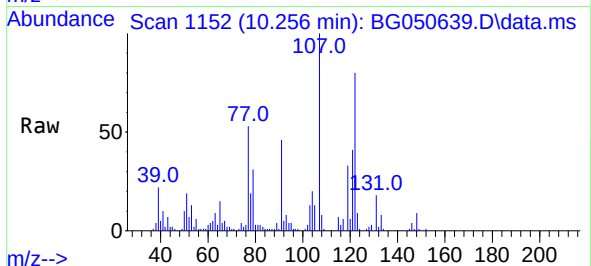
Tgt Ion:	82	Resp:	342847
Ion Ratio	Lower	Upper	
82	100		
128	37.5	29.8	44.6
54	51.3	45.8	68.8





#27
2,4-Dimethylphenol
Concen: 26.68 ng m
RT: 10.256 min Scan# 1152
Delta R.T. 0.024 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

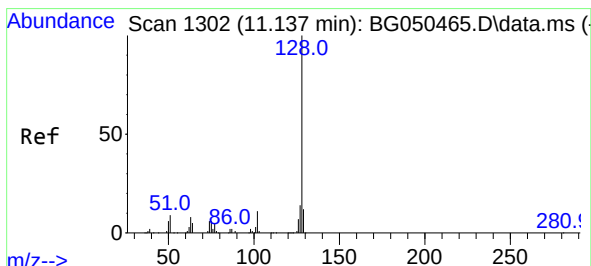
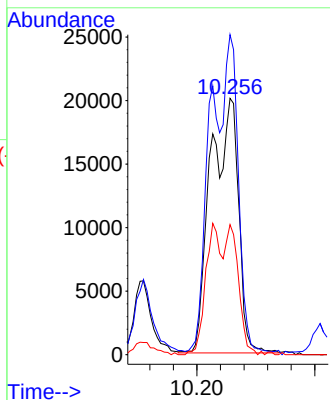
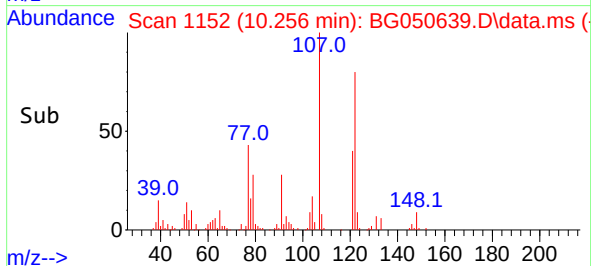
Instrument :
BNA_G
ClientSampled :
137-138



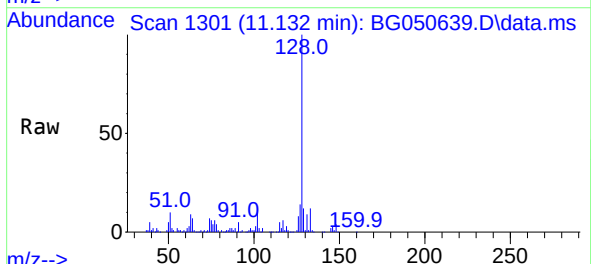
Tgt Ion:122 Resp: 65432
Ion Ratio Lower Upper
122 100
107 124.9 110.1 165.1
121 50.8 49.0 73.6

Manual Integrations
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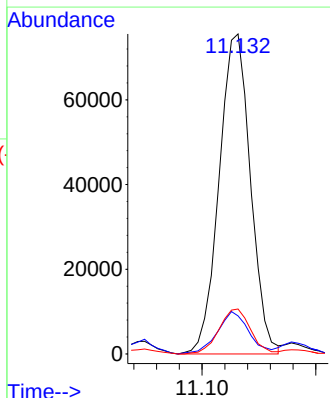
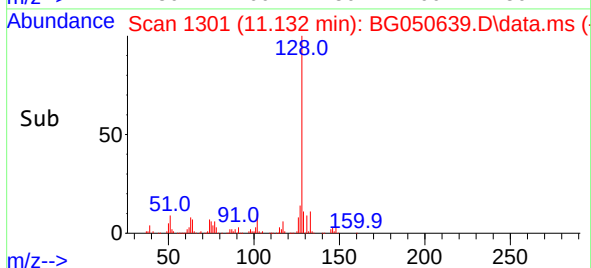
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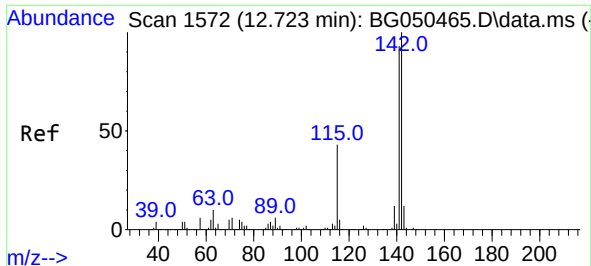


#31
Naphthalene
Concen: 16.79 ng
RT: 11.132 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

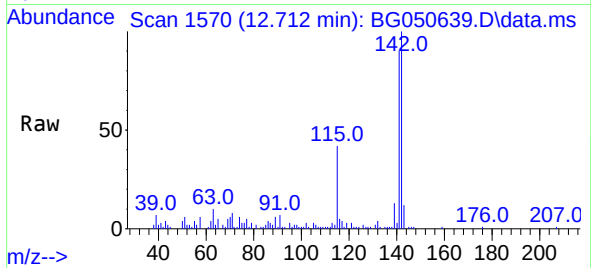


Tgt Ion:128 Resp: 144645
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 14.0 10.2 15.4

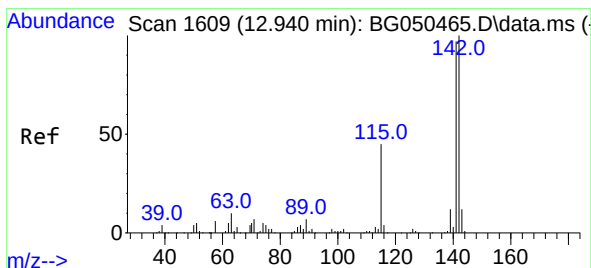
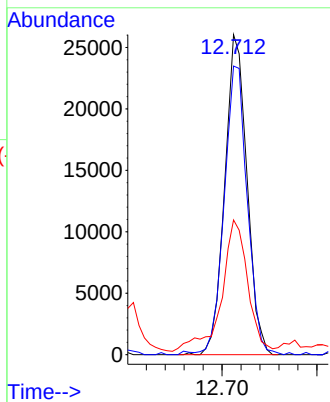
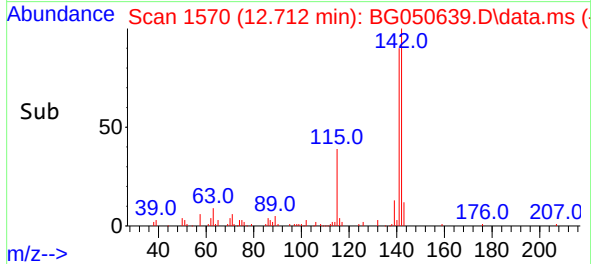




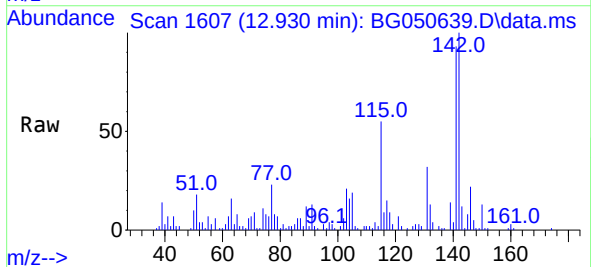
#37
2-Methylnaphthalene
Concen: 7.13 ng
RT: 12.712 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50



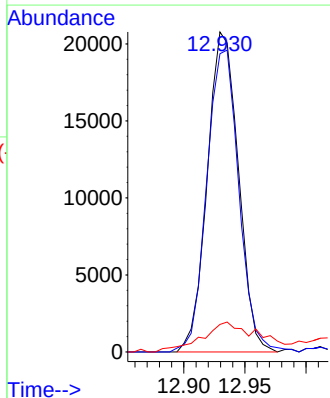
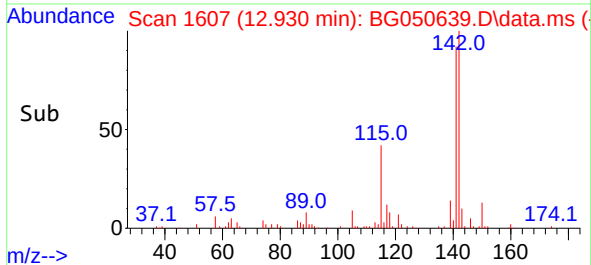
Tgt Ion:142 Resp: 42362
Ion Ratio Lower Upper
142 100
141 90.2 68.8 103.2
115 42.1 36.4 54.6



#38
1-Methylnaphthalene
Concen: 6.37 ng m
RT: 12.930 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50



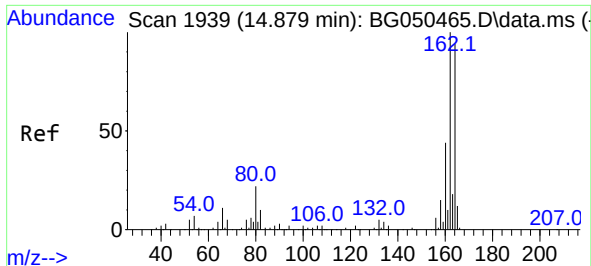
Tgt Ion:142 Resp: 36704
Ion Ratio Lower Upper
142 100
141 93.2 70.6 106.0
116 8.6 4.0 6.0#



Instrument :
BNA_G
ClientSampled :
137-138

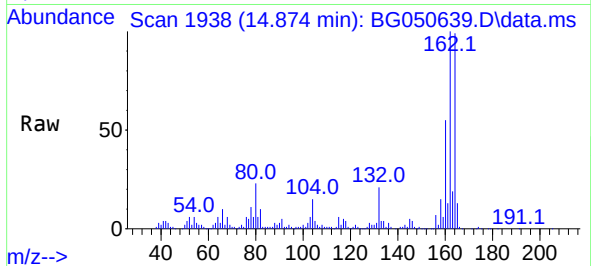
Manual Integrations
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

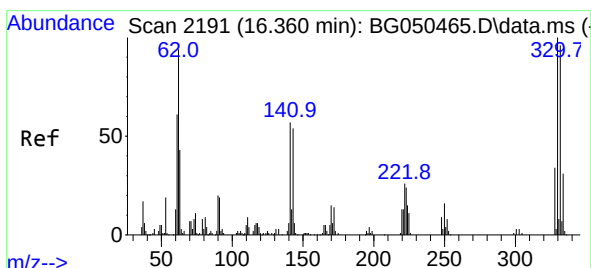
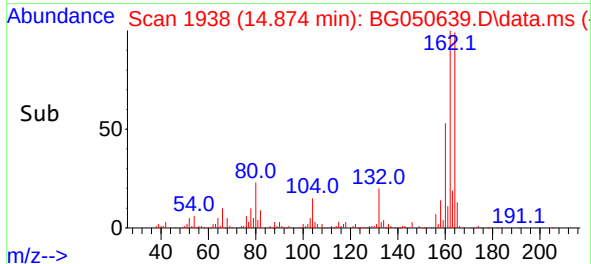
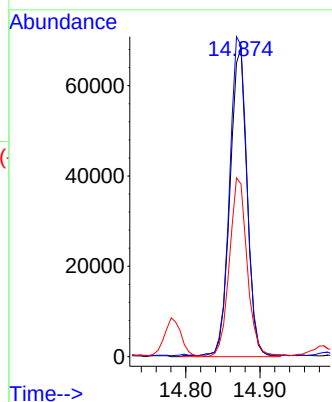
Instrument :
BNA_G
ClientSampled :
137-138



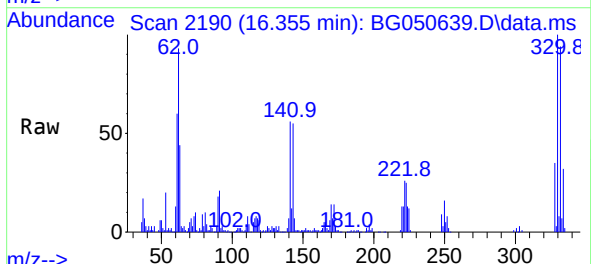
Tgt Ion:164 Resp: 109829
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 55.9 34.9 52.3#

Manual Integrations
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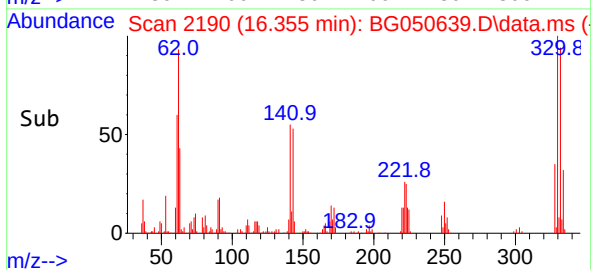
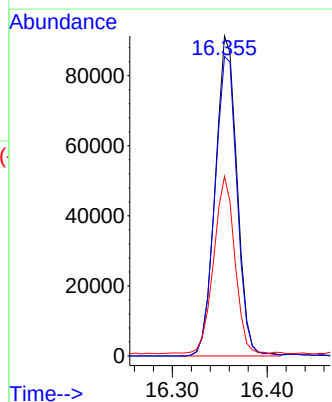
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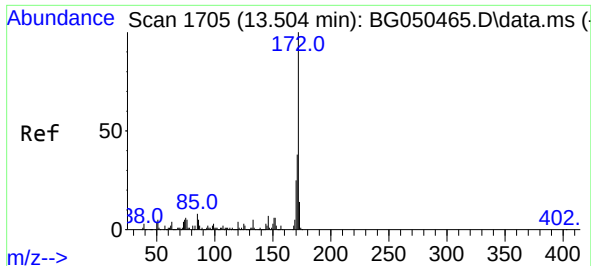


#42
2,4,6-Tribromophenol
Concen: 139.28 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50



Tgt Ion:330 Resp: 145902
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 53.7 35.6 53.4#





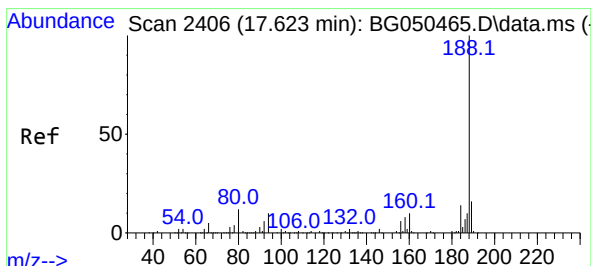
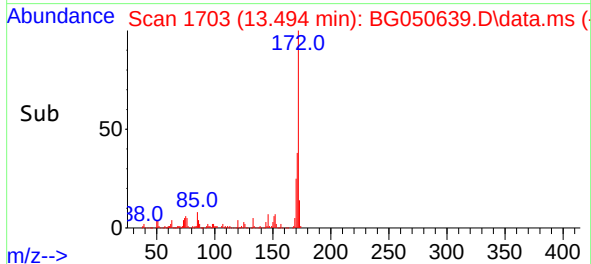
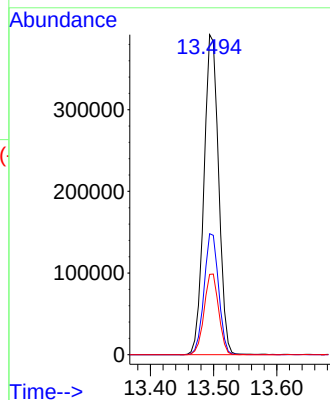
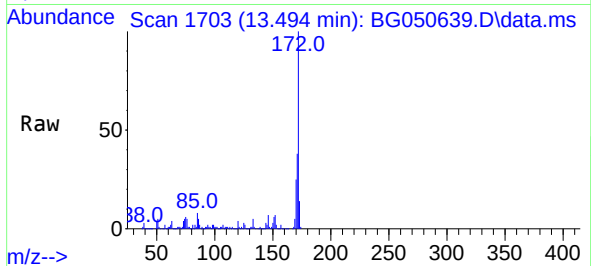
#45
2-Fluorobiphenyl
Concen: 87.07 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:172 Resp: 635372
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.1 18.6 27.8

Instrument :
BNA_G
ClientSampled :
137-138

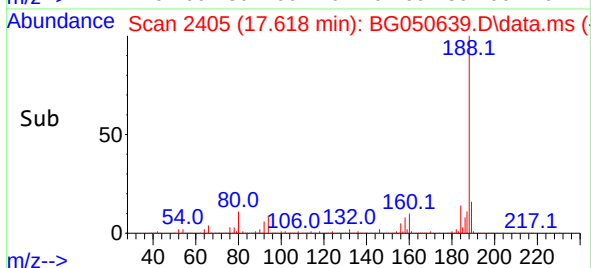
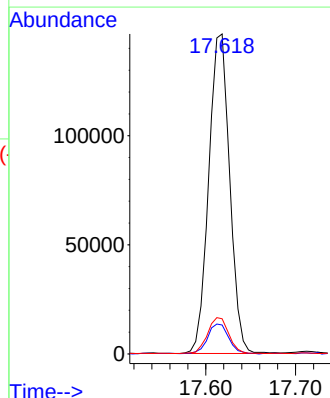
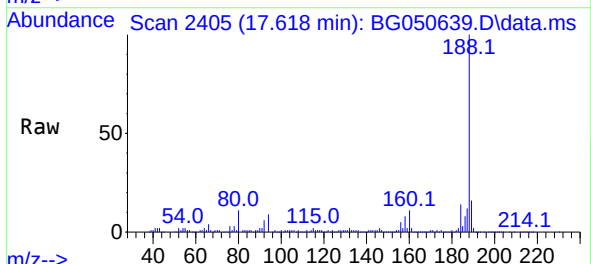
Manual Integrations
APPROVED

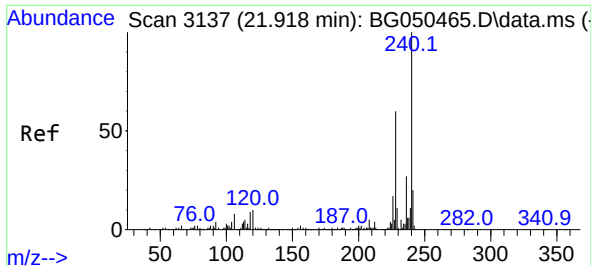
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:188 Resp: 237317
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.0 3.7 5.5#





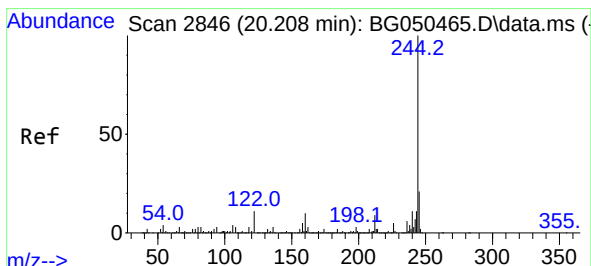
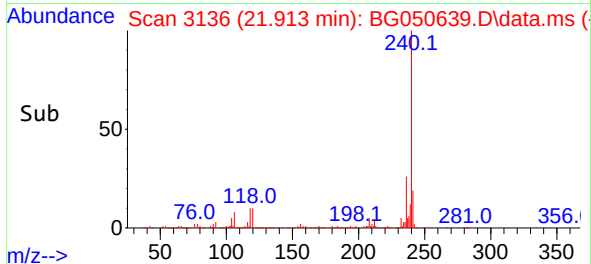
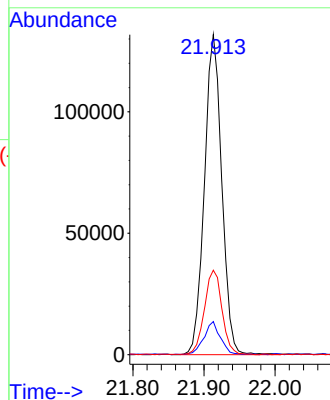
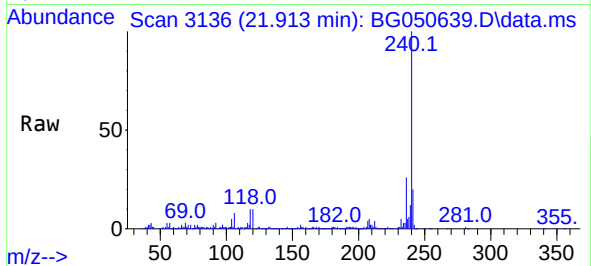
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:240 Resp: 224260
Ion Ratio Lower Upper
240 100
120 10.3 4.2 6.2#
236 26.4 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
137-138

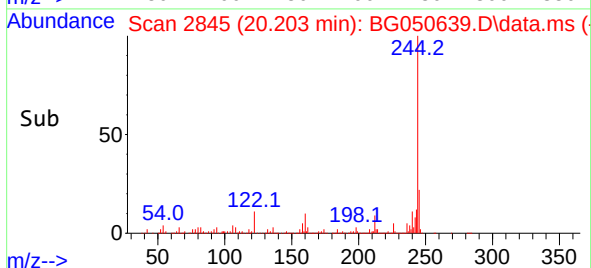
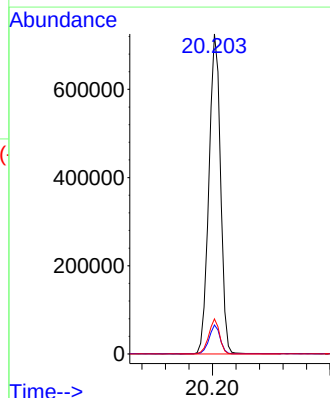
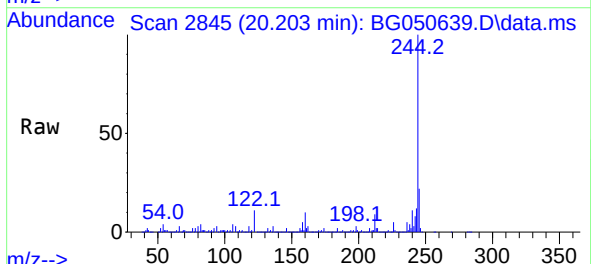
Manual Integrations
APPROVED

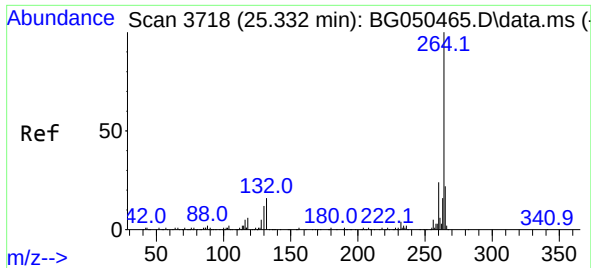
mohammad
10/20/2021 1:54:05 PM



#79
Terphenyl-d14
Concen: 86.44 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:244 Resp: 994742
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 10.9 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.006 min
 Lab File: BG050639.D
 Acq: 19 Oct 2021 17:50

Tgt Ion:264 Resp: 227834

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	19.8	16.9	25.3

Instrument :
 BNA_G
 ClientSampleId :
 137-138

Manual Integrations
 APPROVED

mohammad
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