

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049158.D
 Acq On : 1 Jul 2021 18:02
 Operator : CG/JU
 Sample : M2875-19RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12RE

Manual Integrations
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Quant Time: Jul 02 01:52:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	37812	20.000	ng	0.00
21) Naphthalene-d8	10.911	136	144807	20.000	ng	# 0.00
39) Acenaphthene-d10	14.736	164	103631	20.000	ng	0.00
64) Phenanthrene-d10	17.479	188	231507	20.000	ng	# 0.00
76) Chrysene-d12	21.769	240	237976	20.000	ng	0.00
86) Perylene-d12	25.076	264	259637	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	32664	13.530	ng	0.00
7) Phenol-d6	7.244	99	24498	7.118	ng	0.00
23) Nitrobenzene-d5	9.260	82	157357	46.072	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	47546	26.466	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	429255	55.884	ng	0.00
79) Terphenyl-d14	20.088	244	768516	54.723	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.106	122	24479	11.074	ng	# 86
31) Naphthalene	10.964	128	418813	49.675	ng	98
37) 2-Methylnaphthalene	12.562	142	70266	11.067	ng	97
38) 1-Methylnaphthalene	12.779	142	66262m	11.020	ng	

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

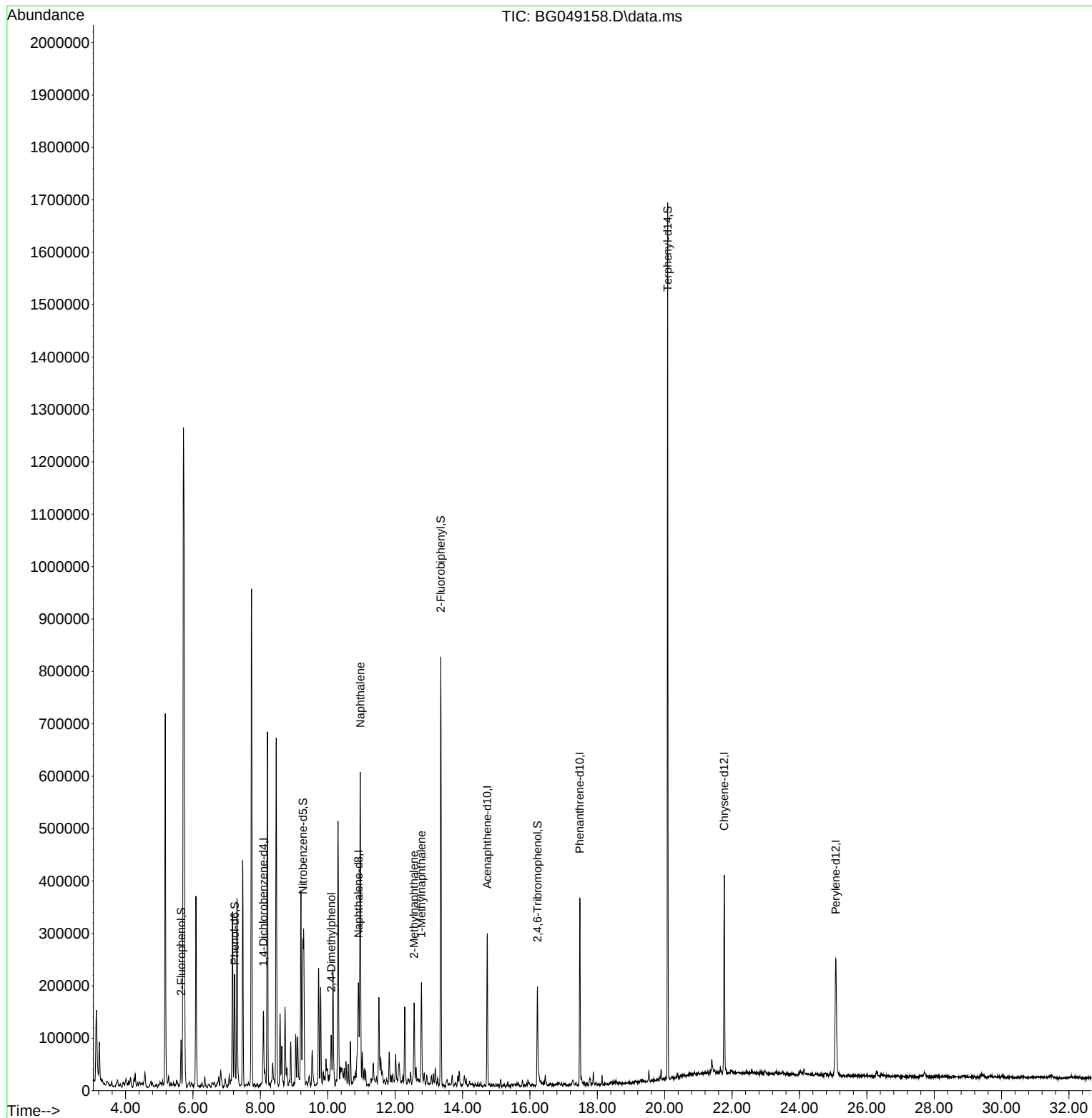
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049158.D
Acq On : 1 Jul 2021 18:02
Operator : CG/JU
Sample : M2875-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

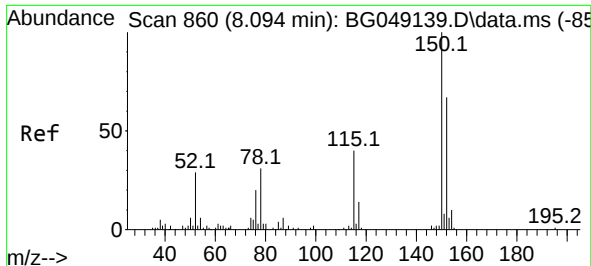
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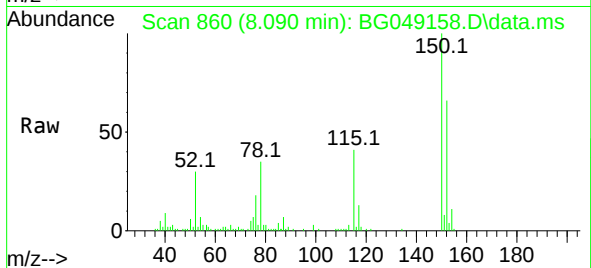
Quant Time: Jul 02 01:52:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.004 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

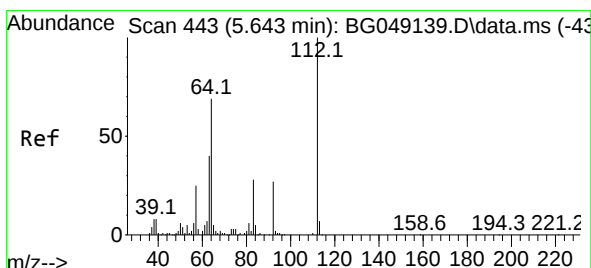
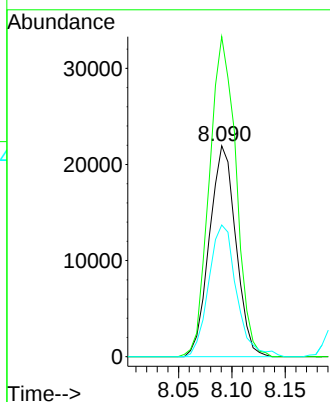
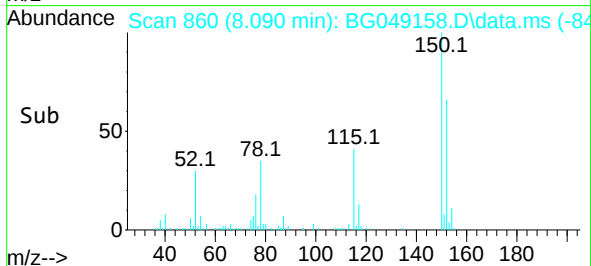
Instrument :
BNA_G
ClientSampleId :
MW-12RE



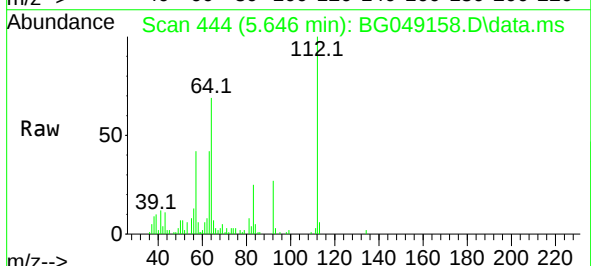
Tgt Ion:152 Resp: 37812
Ion Ratio Lower Upper
152 100
150 151.8 119.4 179.0
115 62.4 60.2 90.4

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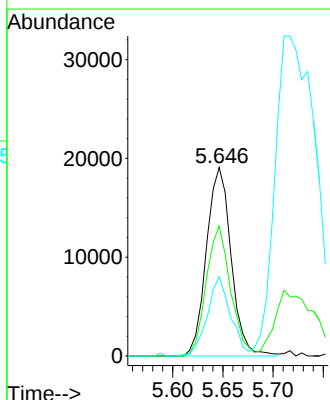
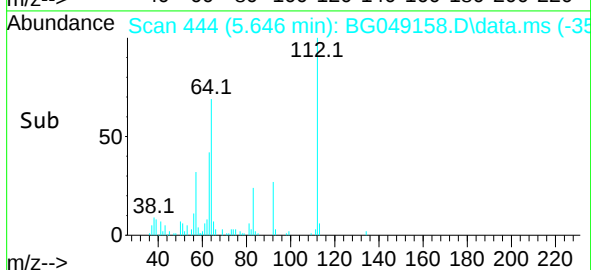
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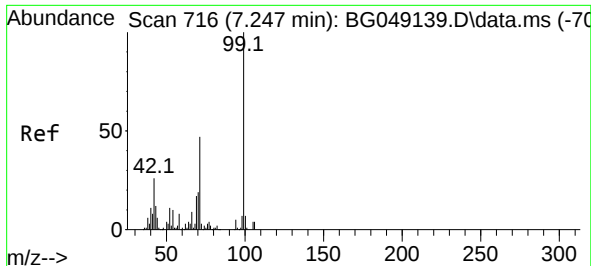


#5
2-Fluorophenol
Concen: 13.530 ng
RT: 5.646 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

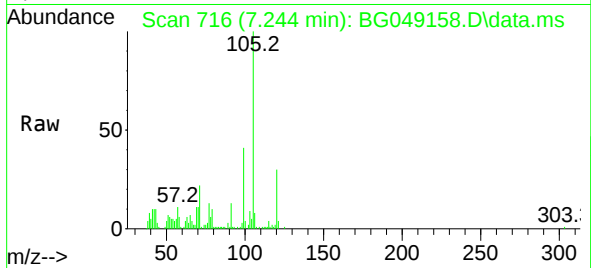


Tgt Ion:112 Resp: 32664
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 42.0 35.3 52.9

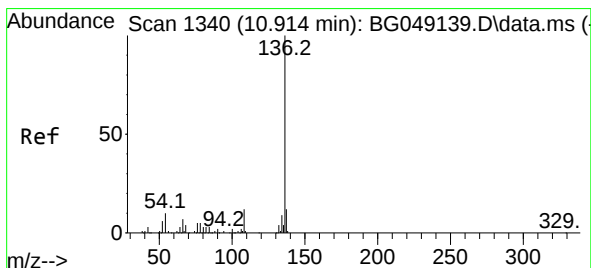
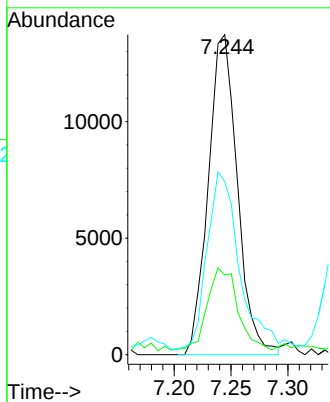
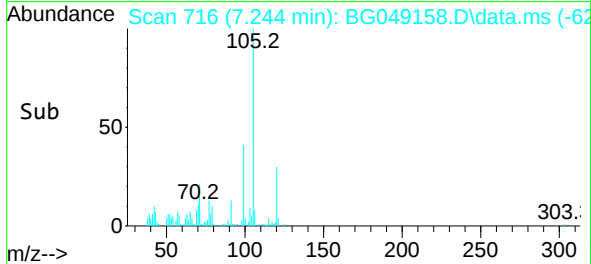




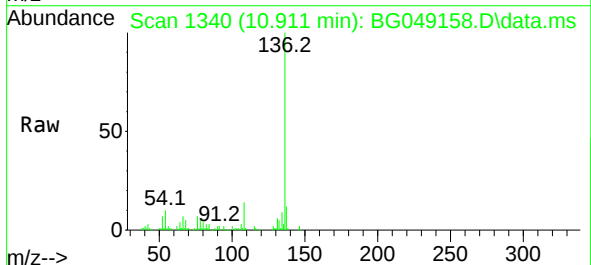
#7
Phenol-d6
Concen: 7.118 ng
RT: 7.244 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02



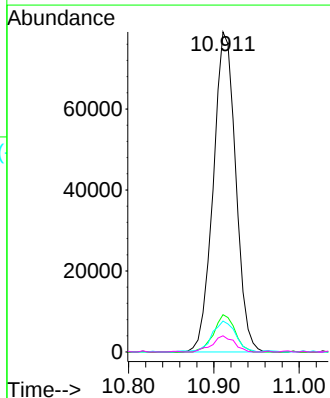
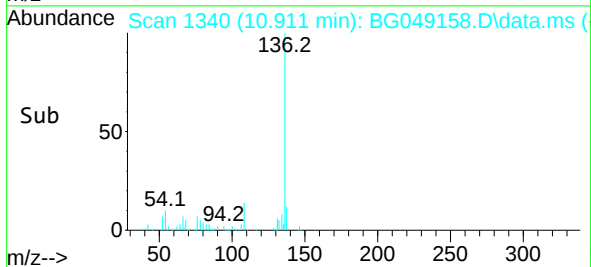
Tgt Ion: 99	Resp: 24498
Ion Ratio	Lower Upper
99 100	
42 24.9	20.5 30.7
71 54.1	41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.911 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02



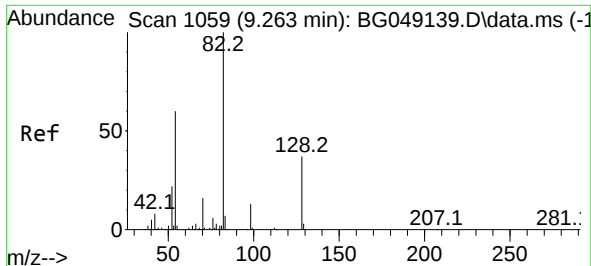
Tgt	Ion:136	Resp:	144807
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	9.6	5.5	8.3#
68	5.1	2.3	3.5#



Instrument :
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ClientSampleId :
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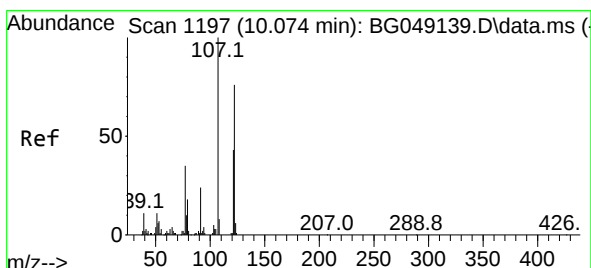
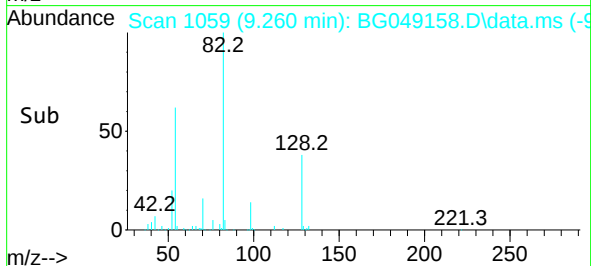
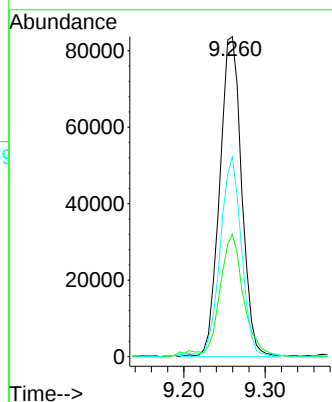
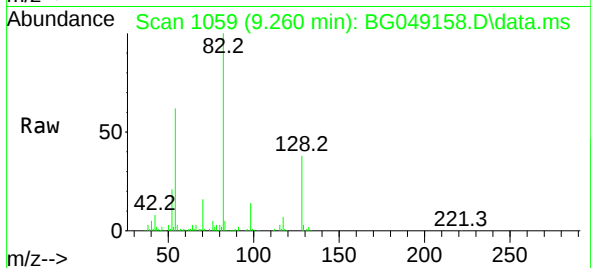
#23
Nitrobenzene-d5
Concen: 46.072 ng
RT: 9.260 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion: 82 Resp: 157357
Ion Ratio Lower Upper
82 100
128 38.3 29.8 44.6
54 62.5 45.8 68.8

Instrument :
BNA_G
ClientSampleId :
MW-12RE

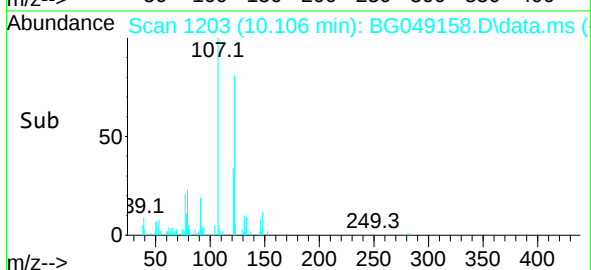
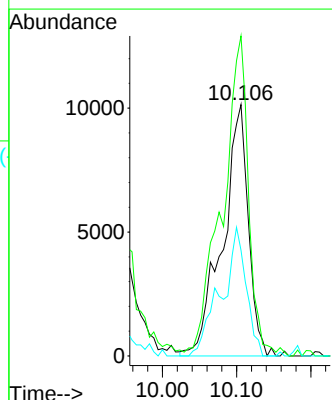
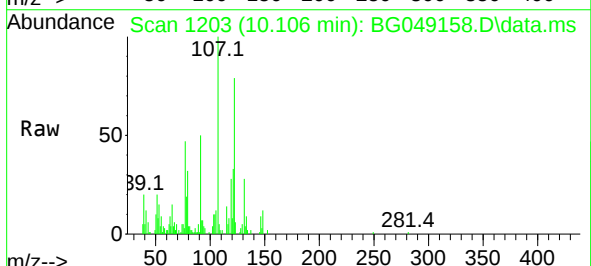
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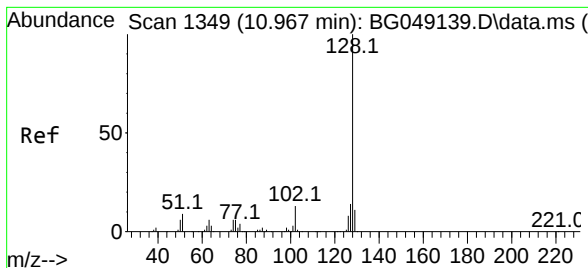
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#27
2,4-Dimethylphenol
Concen: 11.074 ng
RT: 10.106 min Scan# 1203
Delta R.T. 0.032 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

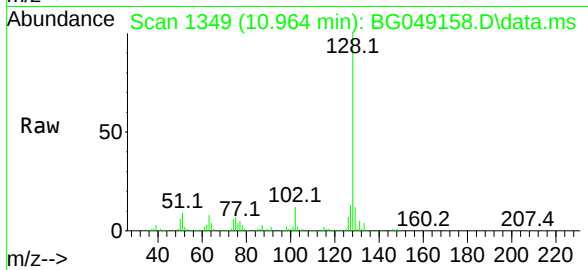
Tgt Ion:122 Resp: 24479
Ion Ratio Lower Upper
122 100
107 127.3 110.1 165.1
121 42.1 49.0 73.6#





#31
Naphthalene
Concen: 49.675 ng
RT: 10.964 min Scan# 1349
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

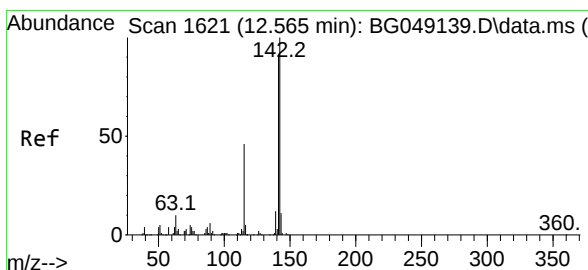
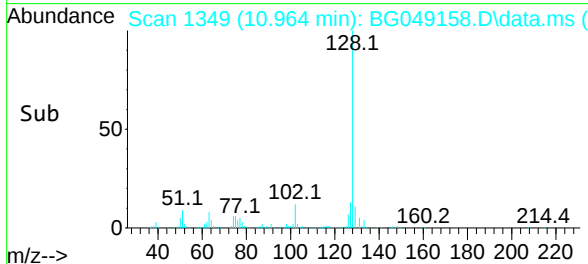
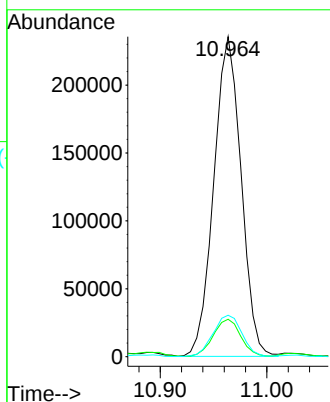
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:128 Resp: 418813
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.0 10.2 15.4

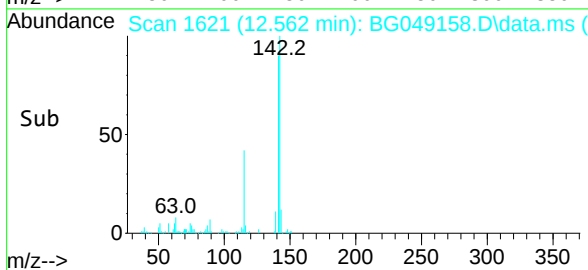
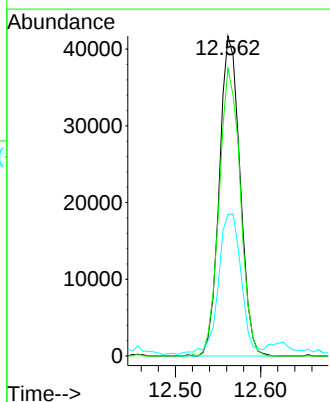
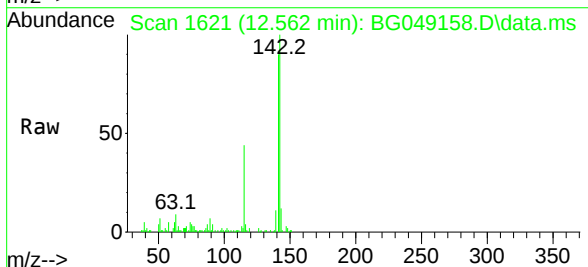
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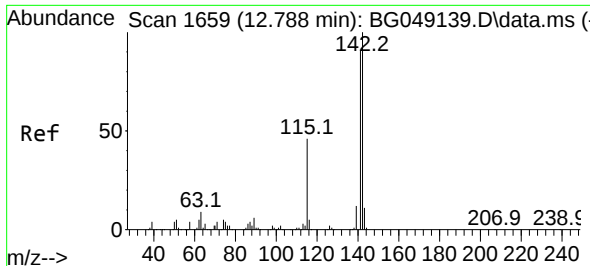
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#37
2-Methylnaphthalene
Concen: 11.067 ng
RT: 12.562 min Scan# 1621
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

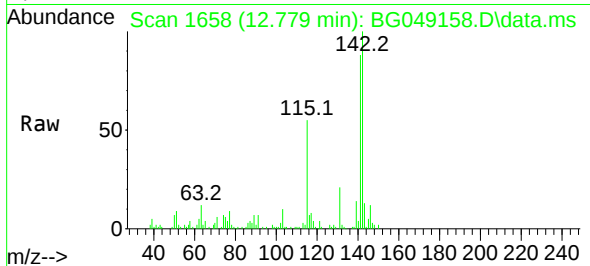
Tgt Ion:142 Resp: 70266
Ion Ratio Lower Upper
142 100
141 89.9 68.8 103.2
115 44.3 36.4 54.6





#38
1-Methylnaphthalene
Concen: 11.020 ng m
RT: 12.779 min Scan# 1658
Delta R.T. -0.009 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

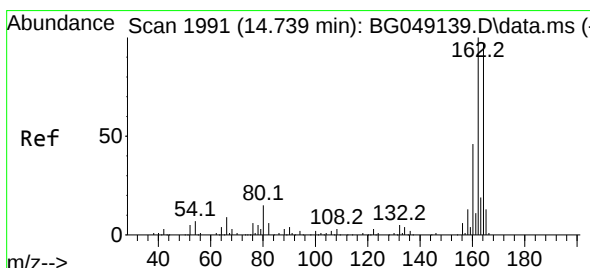
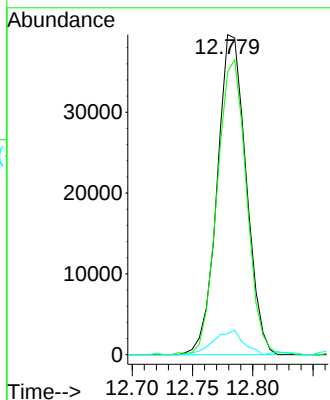
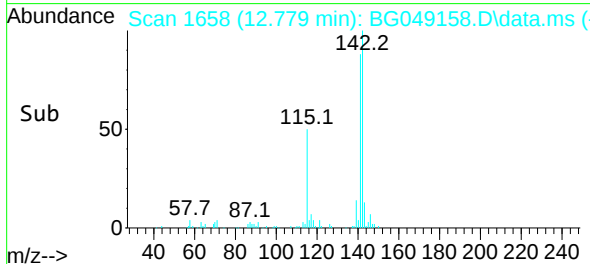
Instrument :
BNA_G
ClientSampleId :
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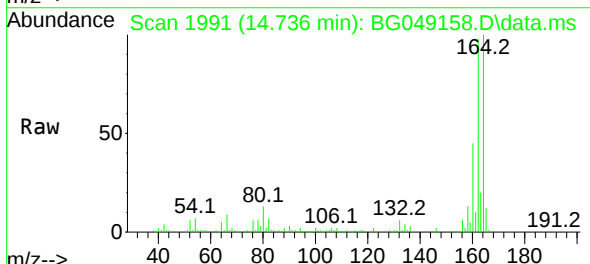
Tgt Ion:142 Resp: 66262
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
116 6.6 4.0 6.0#

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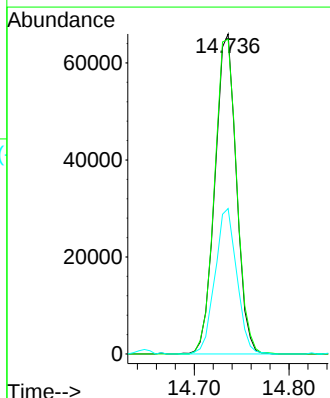
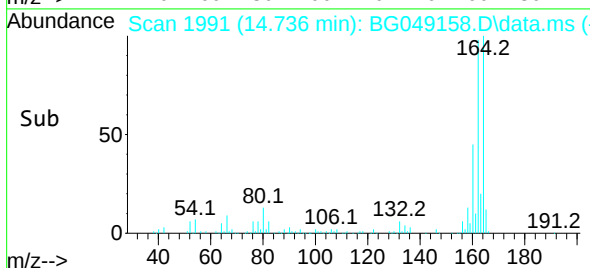
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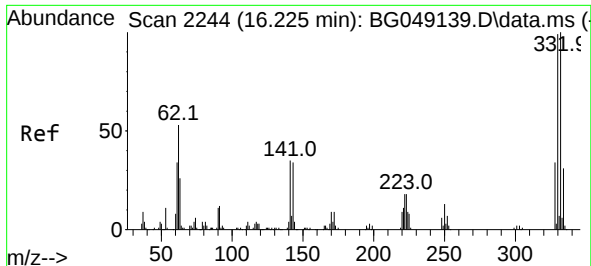


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.736 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02



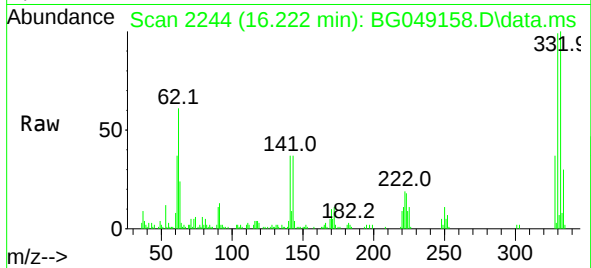
Tgt Ion:164 Resp: 103631
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 45.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 26.466 ng
RT: 16.222 min Scan# 2244
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

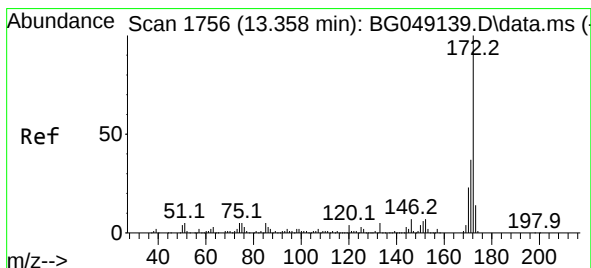
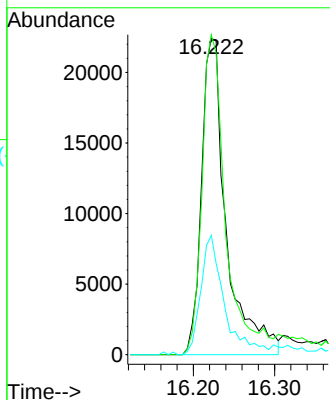
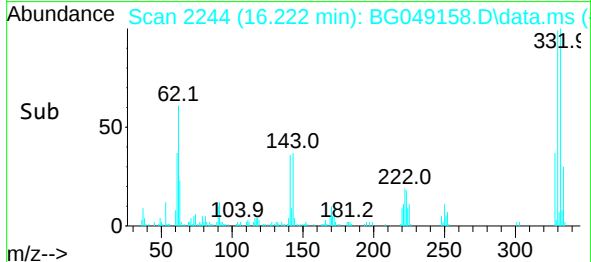
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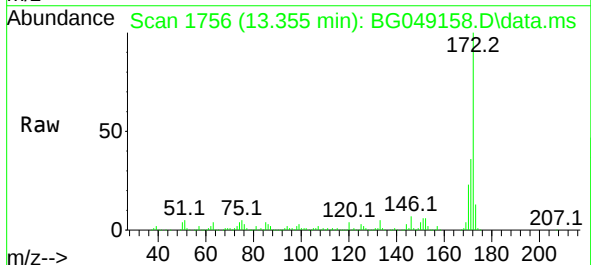
Tgt Ion:330 Resp: 47546
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.7 35.6 53.4

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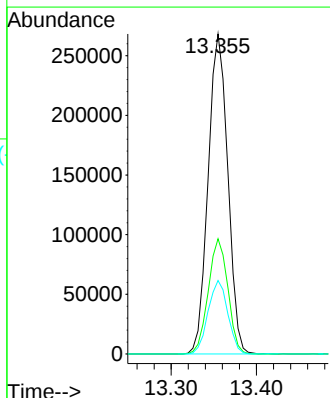
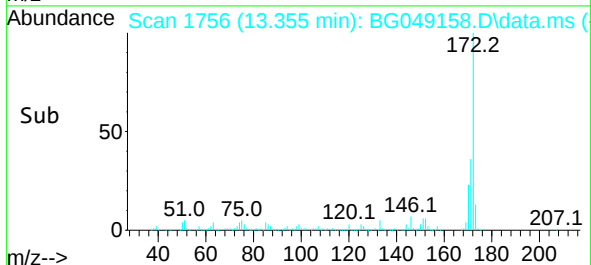
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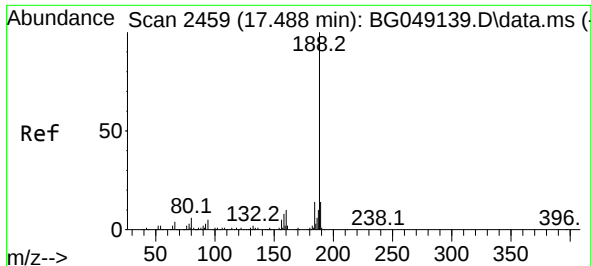


#45
2-Fluorobiphenyl
Concen: 55.884 ng
RT: 13.355 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02



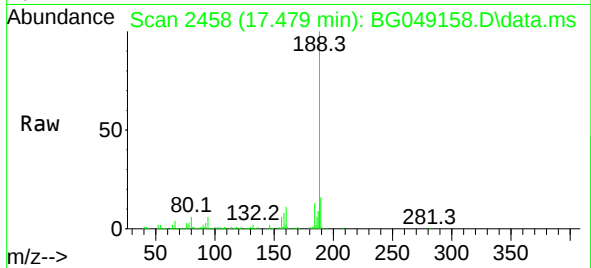
Tgt Ion:172 Resp: 429255
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

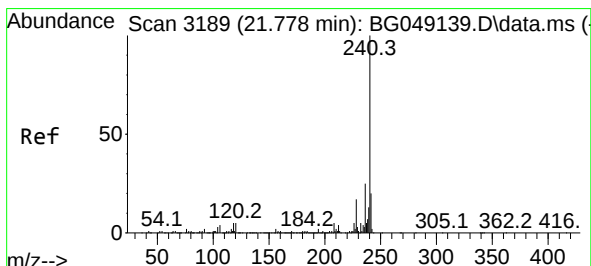
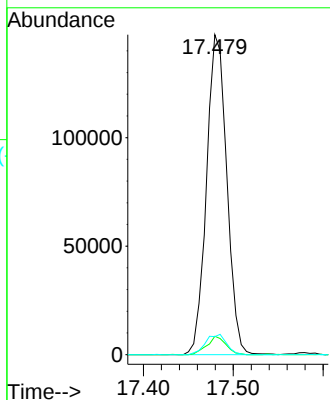
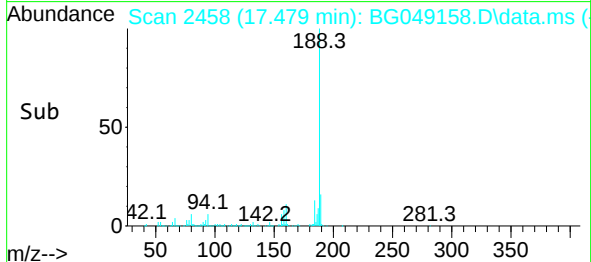
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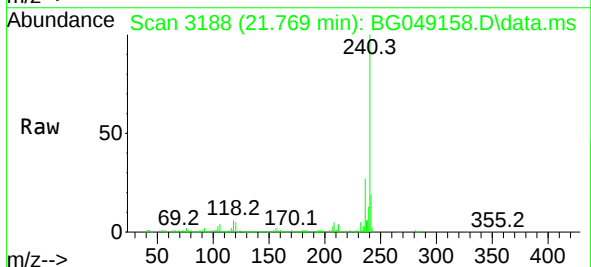
Tgt Ion:188 Resp: 231507
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 5.7 3.7 5.5#

Manual Integrations
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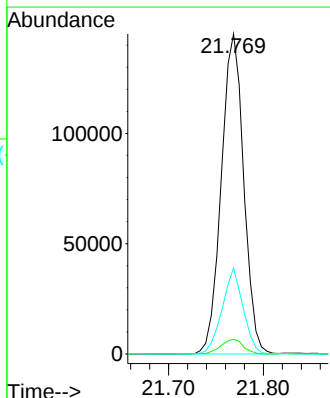
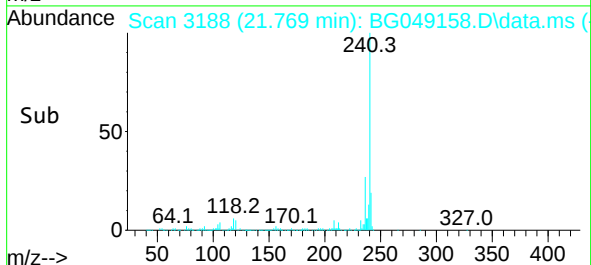
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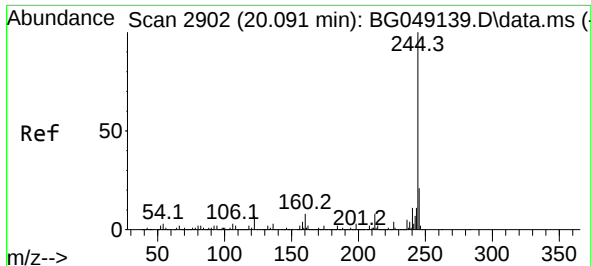


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3188
Delta R.T. -0.009 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

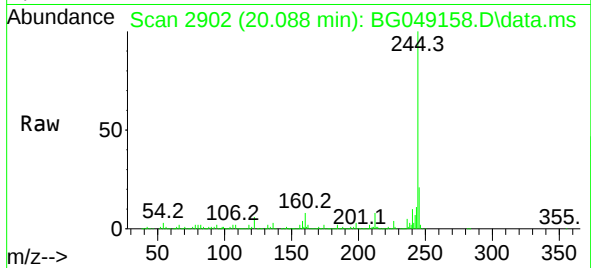


Tgt Ion:240 Resp: 237976
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 26.8 21.8 32.6

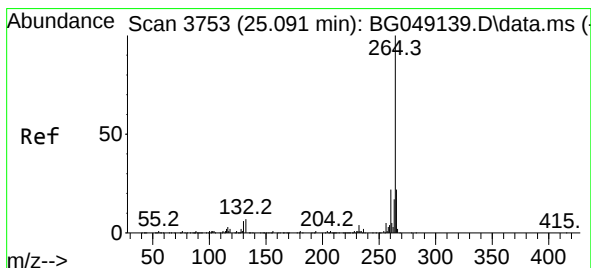
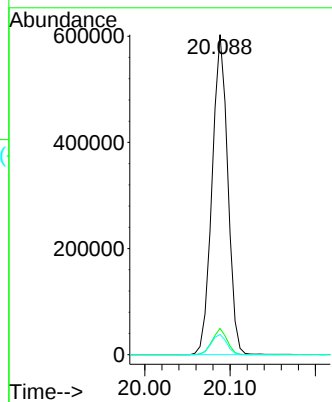
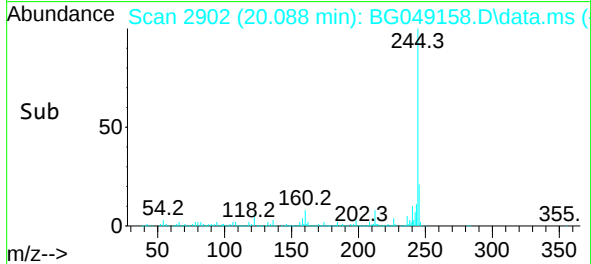




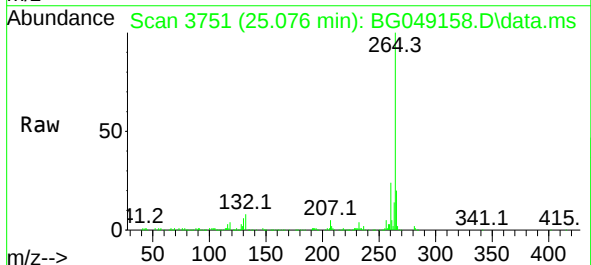
#79
Terphenyl-d14
Concen: 54.723 ng
RT: 20.088 min Scan# 2902
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02



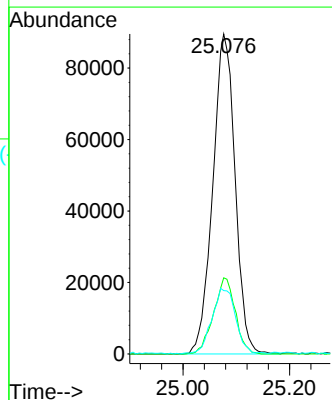
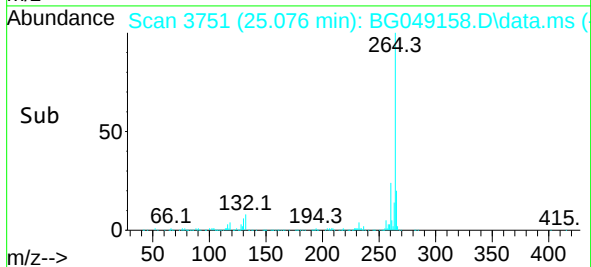
Tgt Ion:244 Resp: 768516
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.3 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.076 min Scan# 3751
Delta R.T. -0.015 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02



Tgt Ion:264 Resp: 259637
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 19.8 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
MW-12RE

Manual Integrations
APPROVED

mohammad
7/2/2021 12:01:41 PM