

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049125.D
 Acq On : 28 Jun 2021 19:04
 Operator : CG/JU
 Sample : M2828-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ERM-19

Quant Time: Jun 29 04:01:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

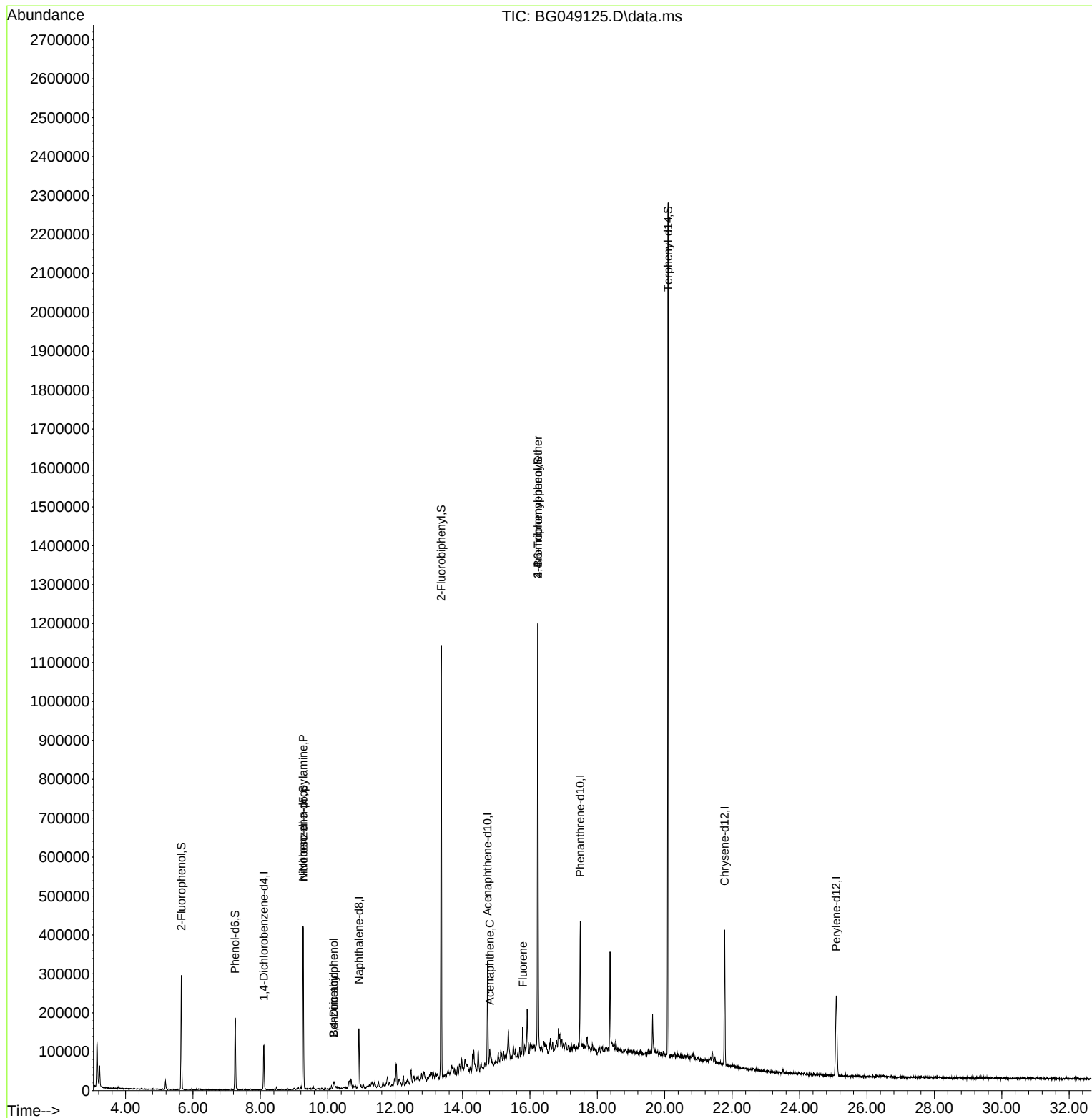
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	29536	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	125722	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	94122	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	206998	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	218929	20.00	ng	-0.01
86) Perylene-d12	25.090	264	234835	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	116602	61.45	ng	0.00
7) Phenol-d6	7.252	99	96466	33.92	ng	0.00
23) Nitrobenzene-d5	9.267	82	253749	87.03	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	222057	159.24	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	570013	85.55	ng	0.00
79) Terphenyl-d14	20.101	244	1063107	88.93	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.267	70	38407	17.28	ng	# 78
27) 2,4-Dimethylphenol	10.178	122	9498	4.70	ng	# 1
32) Benzoic acid	10.178	122	9498	7.20	ng	85
52) Acenaphthene	14.808	154	14804	2.49	ng	94
58) Fluorene	15.789	166	16085	2.13	ng	98
67) 4-Bromophenyl-phenylether	16.235	248	13982	5.41	ng	# 1

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

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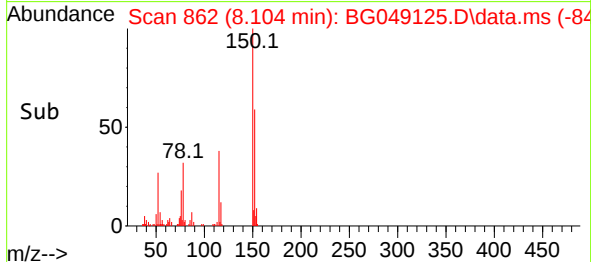
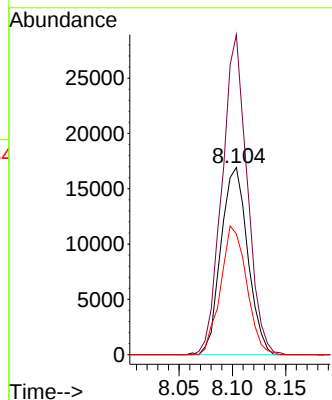
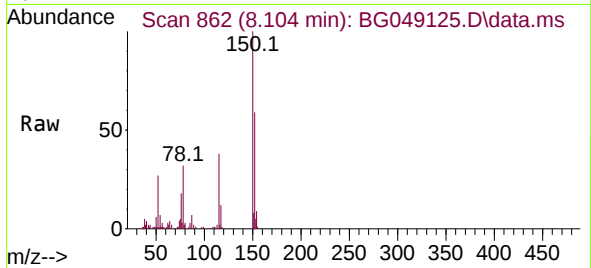




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 862
Delta R.T. -0.001 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

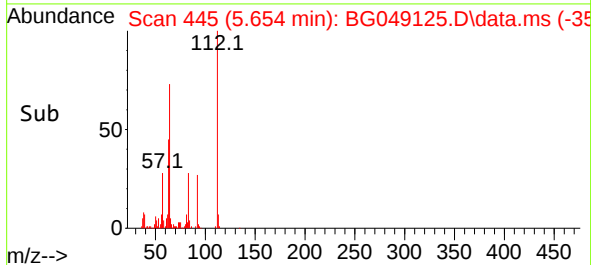
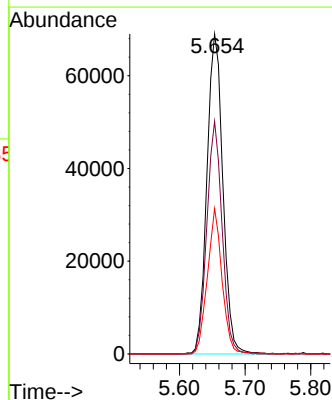
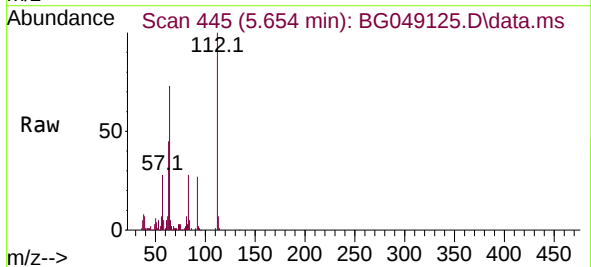
Instrument :
BNA_G
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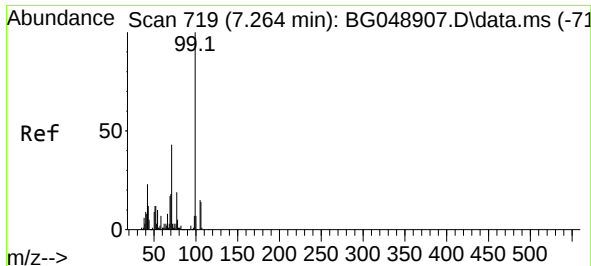
Tgt Ion:152 Resp: 29536
Ion Ratio Lower Upper
152 100
150 170.9 119.4 179.0
115 64.4 60.2 90.4



#5
2-Fluorophenol
Concen: 61.45 ng
RT: 5.654 min Scan# 445
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:112 Resp: 116602
Ion Ratio Lower Upper
112 100
64 72.7 46.7 70.1#
63 45.5 35.3 52.9

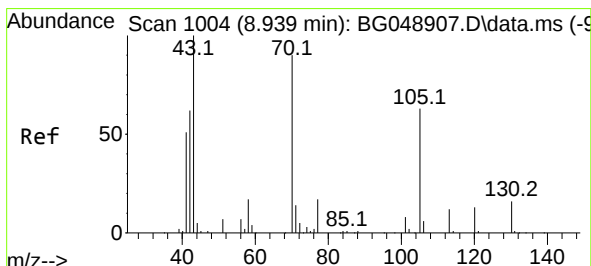
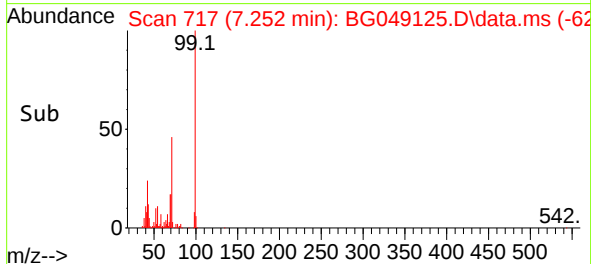
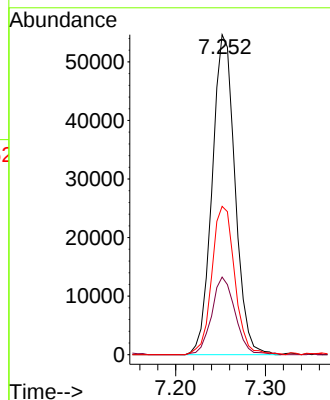
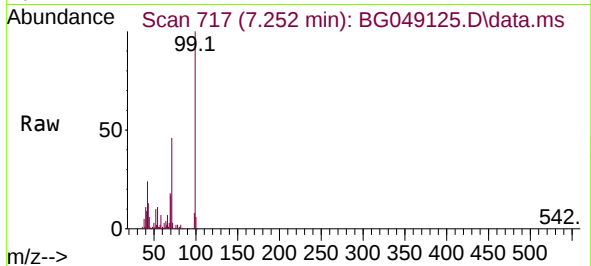




#7
Phenol-d6
Concen: 33.92 ng
RT: 7.252 min Scan# 717
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

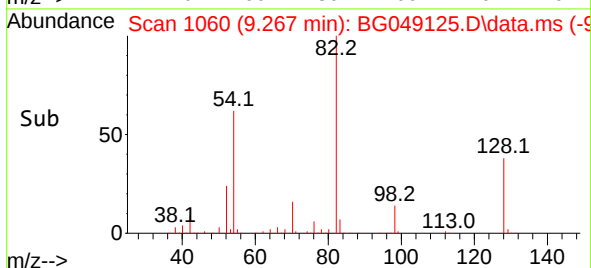
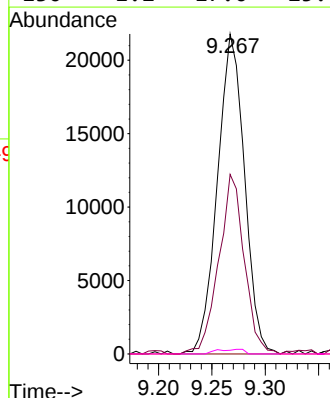
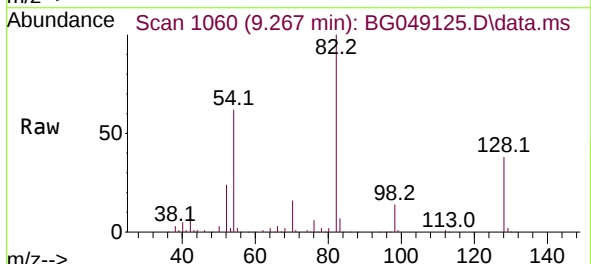
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	99	Resp:	96466
Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.5	30.7
71	46.3	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.28 ng
RT: 9.267 min Scan# 1060
Delta R.T. 0.357 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:	70	Resp:	38407
Ion	Ratio	Lower	Upper
70	100		
42	56.1	54.5	81.7
101	0.0	9.0	13.6#
130	1.2	17.0	25.6#

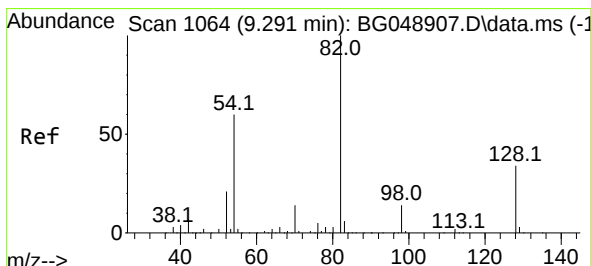
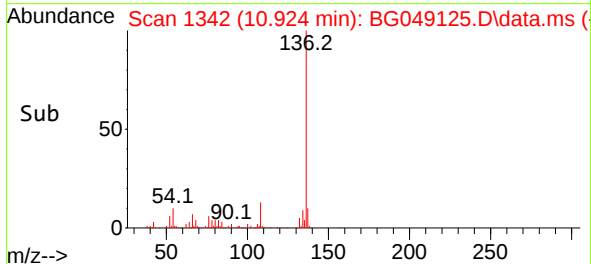
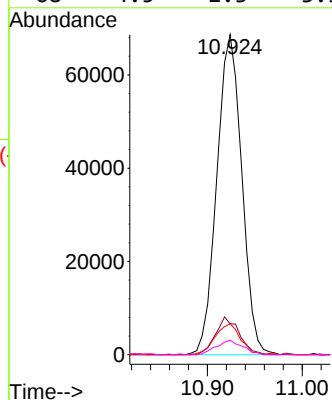
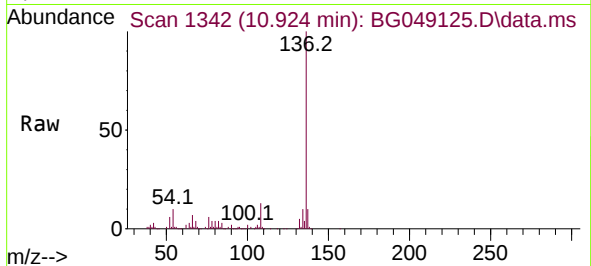




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

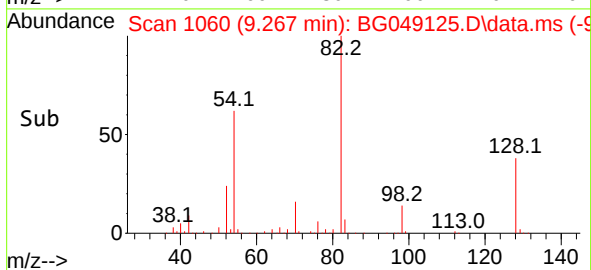
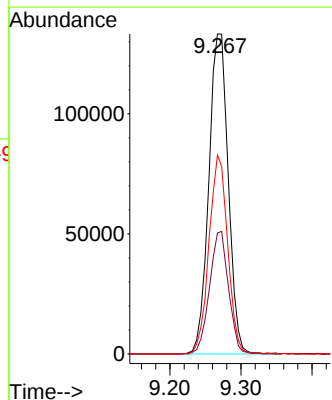
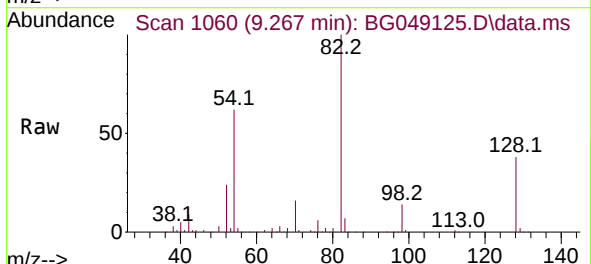
Instrument :
BNA_G
ClientSampleId :
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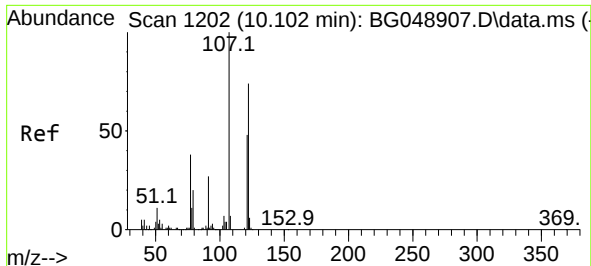
Tgt Ion:	136	Resp:	125722
Ion Ratio	Lower	Upper	
136	100		
137	9.6	8.2	12.2
54	9.7	5.5	8.3#
68	4.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 87.03 ng
RT: 9.267 min Scan# 1060
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:	82	Resp:	253749
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.8	44.6
54	62.2	45.8	68.8

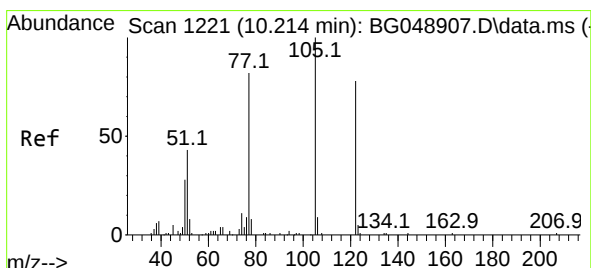
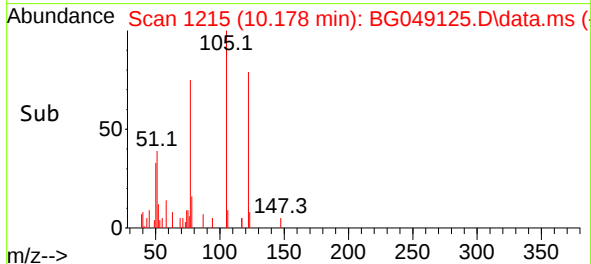
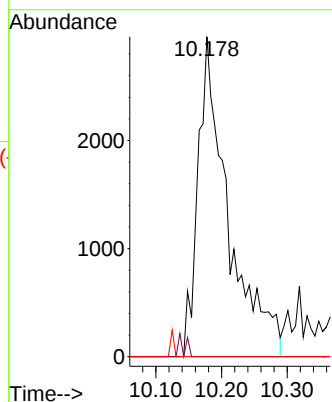
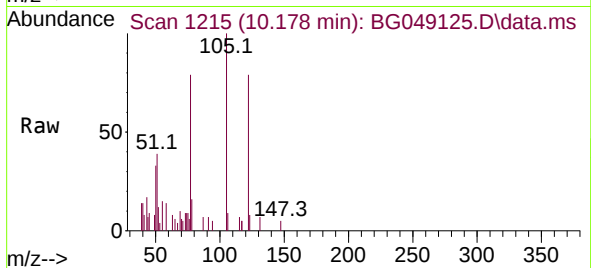




#27
2,4-Dimethylphenol
Concen: 4.70 ng
RT: 10.178 min Scan# 1215
Delta R.T. 0.092 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

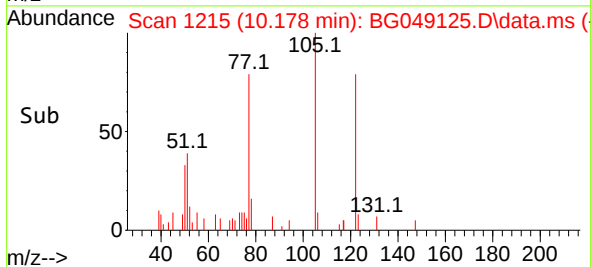
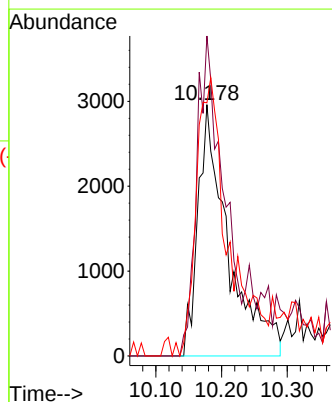
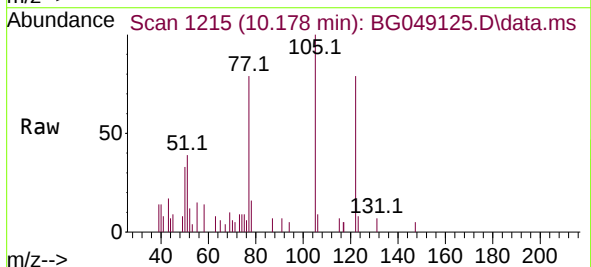
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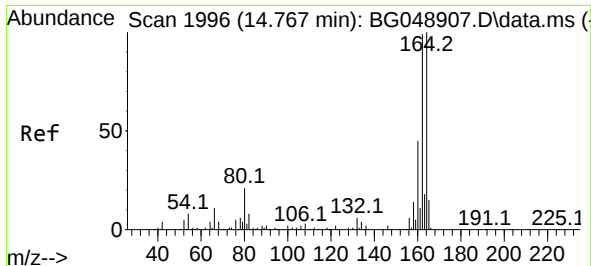
Tgt Ion:122 Resp: 9498
Ion Ratio Lower Upper
122 100
107 0.0 110.1 165.1#
121 0.0 49.0 73.6#



#32
Benzoic acid
Concen: 7.20 ng
RT: 10.178 min Scan# 1215
Delta R.T. -0.055 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:122 Resp: 9498
Ion Ratio Lower Upper
122 100
105 127.3 92.3 132.3
77 100.7 66.5 106.5

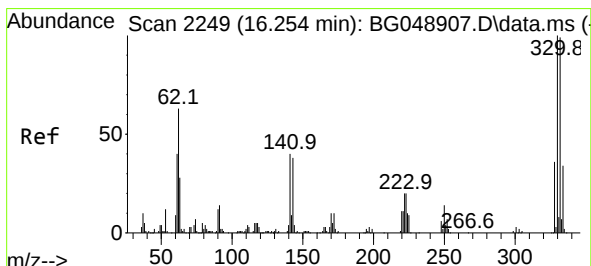
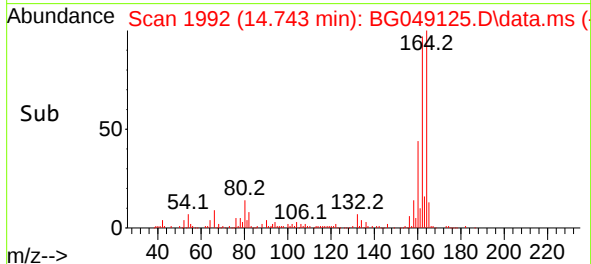
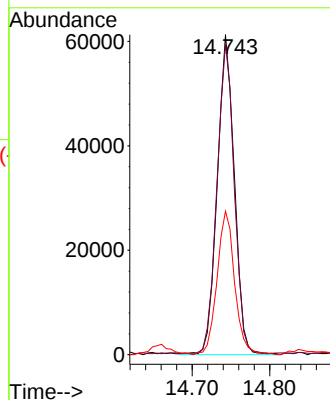
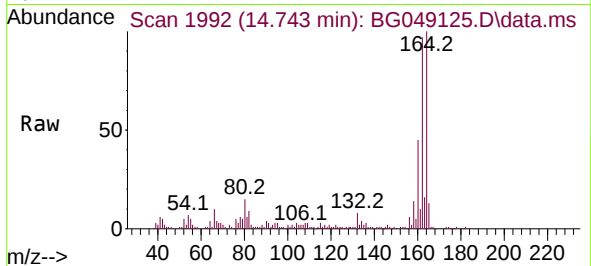




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

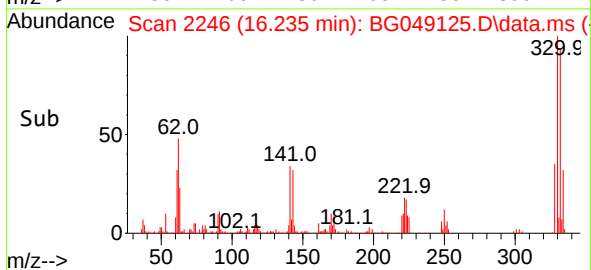
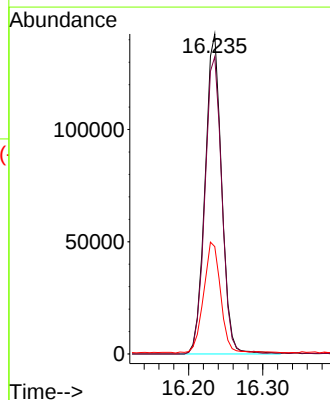
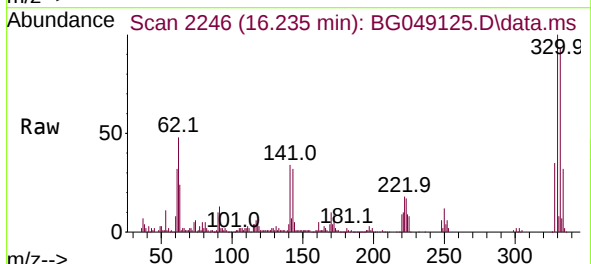
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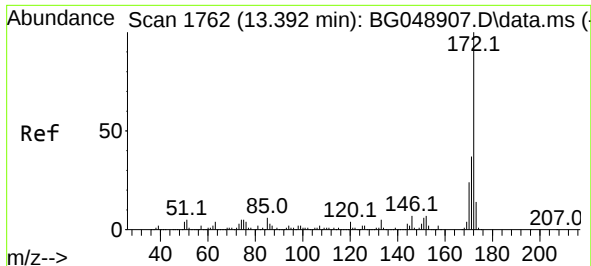
Tgt Ion:164 Resp: 94122
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 44.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 159.24 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:330 Resp: 222057
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 36.1 35.6 53.4

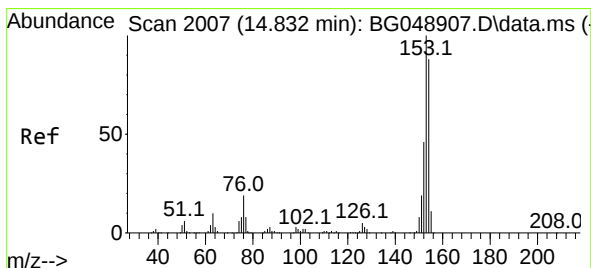
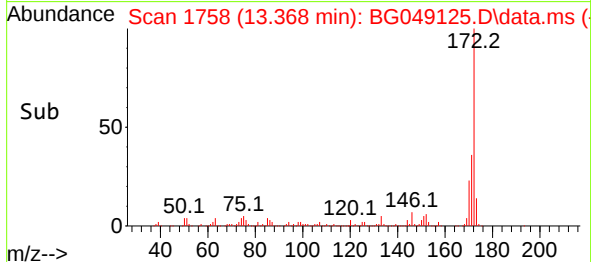
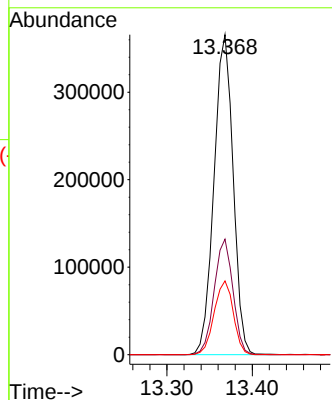
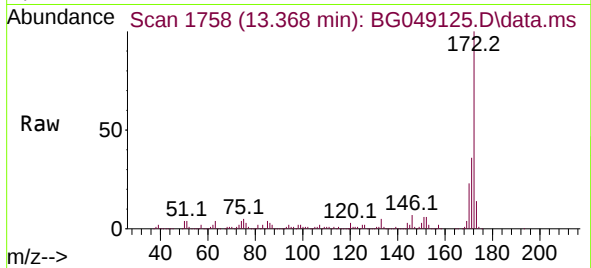




#45
2-Fluorobiphenyl
Concen: 85.55 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

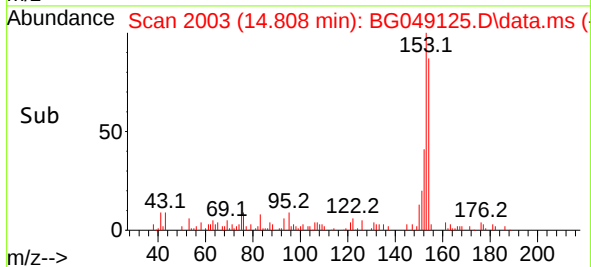
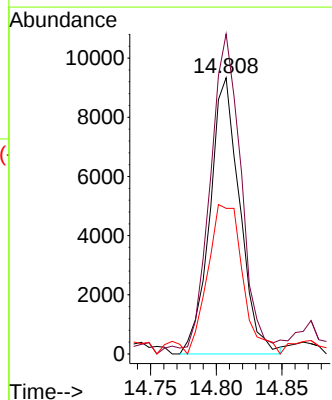
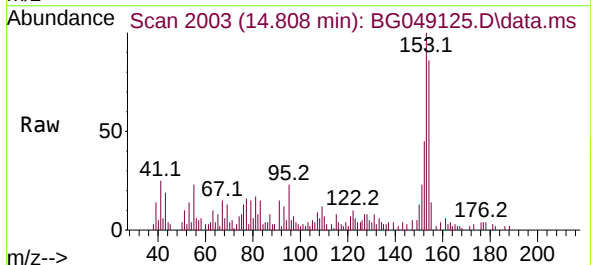
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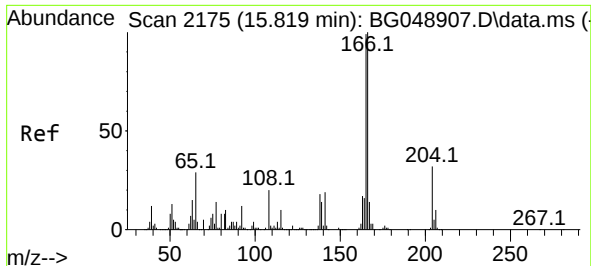
Tgt Ion:172 Resp: 570013
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.1 18.6 27.8



#52
Acenaphthene
Concen: 2.49 ng
RT: 14.808 min Scan# 2003
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:154 Resp: 14804
Ion Ratio Lower Upper
154 100
153 115.9 87.0 130.4
152 52.7 40.1 60.1

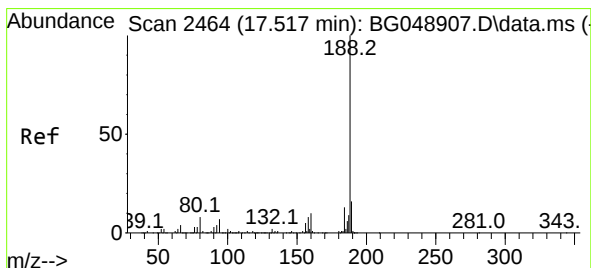
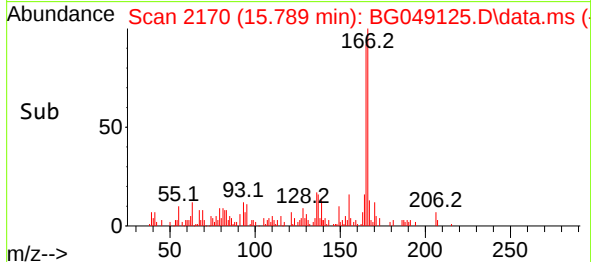
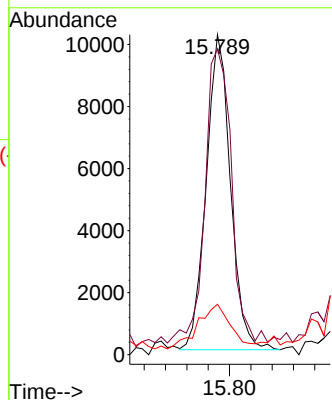
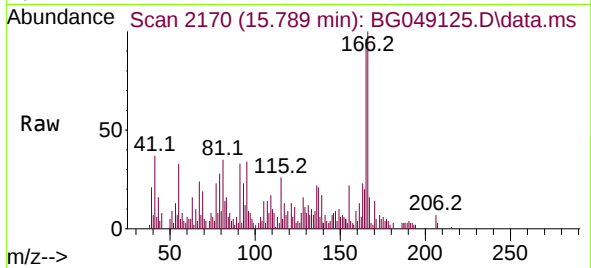




#58
Fluorene
Concen: 2.13 ng
RT: 15.789 min Scan# 2170
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

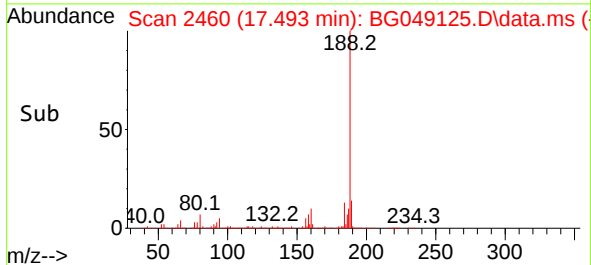
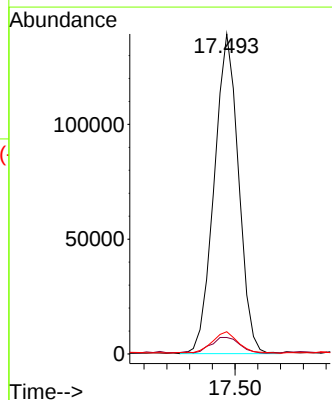
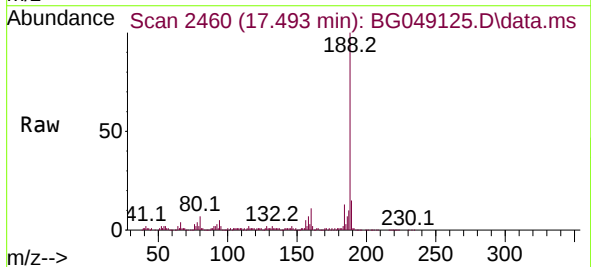
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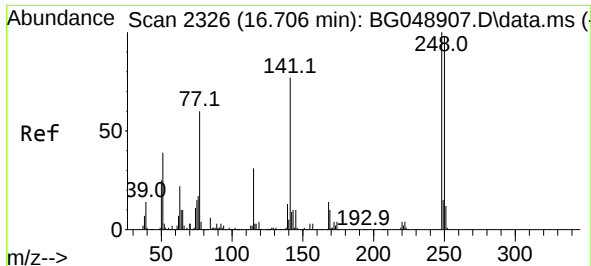
Tgt Ion:166 Resp: 16085
Ion Ratio Lower Upper
166 100
165 95.6 77.7 116.5
167 15.7 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:188 Resp: 206998
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.0 3.7 5.5#

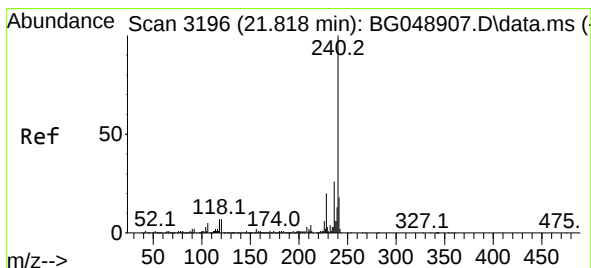
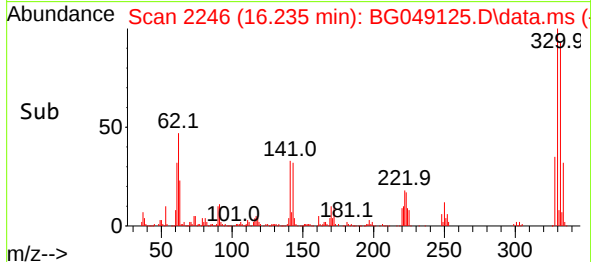
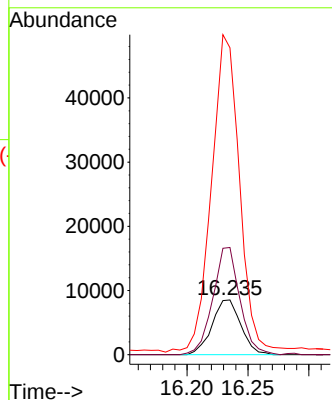
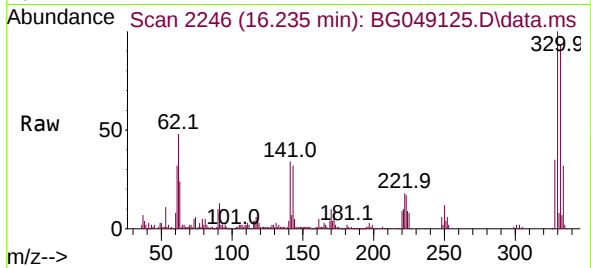




#67
4-Bromophenyl-phenylether
Concen: 5.41 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.448 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

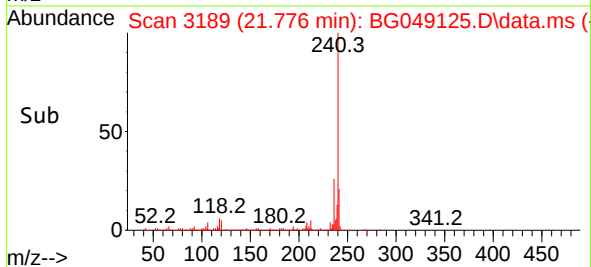
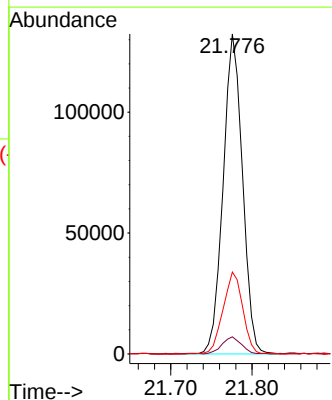
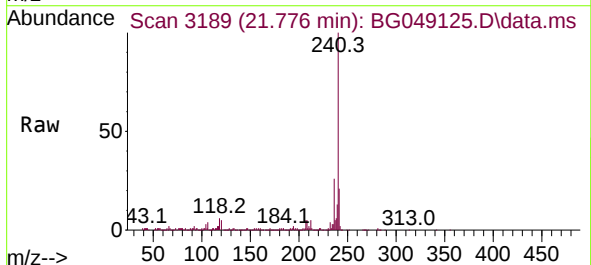
Instrument :
BNA_G
ClientSampleId :
ERM-19

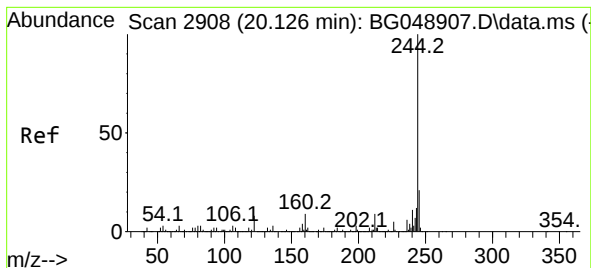
Tgt Ion:248 Resp: 13982
Ion Ratio Lower Upper
248 100
250 196.1 76.1 114.1#
141 561.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3189
Delta R.T. -0.014 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:240 Resp: 218929
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 25.6 21.8 32.6





#79

Terphenyl-d14

Concen: 88.93 ng

RT: 20.101 min Scan# 2904

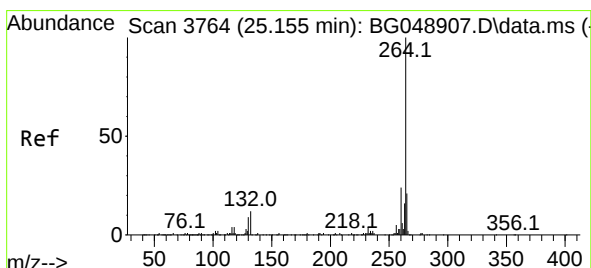
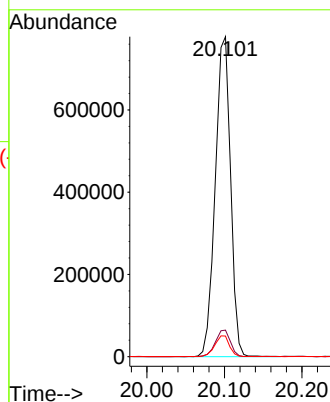
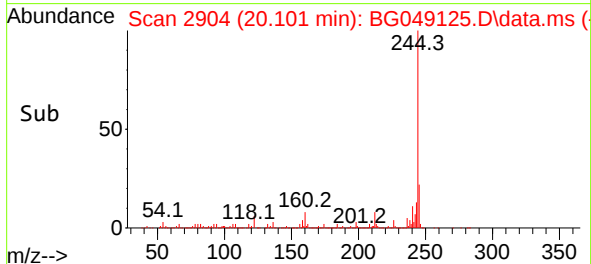
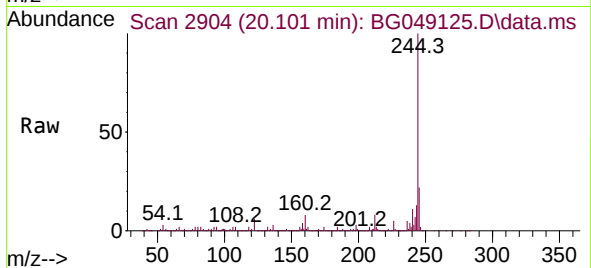
Delta R.T. -0.002 min

Lab File: BG049125.D

Acq: 28 Jun 2021 19:04

Tgt Ion:244 Resp: 1063107

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	6.4	5.0	7.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.090 min Scan# 3753

Delta R.T. -0.014 min

Lab File: BG049125.D

Acq: 28 Jun 2021 19:04

Tgt Ion:264 Resp: 234835

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.0	16.9	25.3

