

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061721\
 Data File : BG049013.D
 Acq On : 17 Jun 2021 14:21
 Operator : CG/JU
 Sample : M2735-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124035

Quant Time: Jun 17 15:12:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

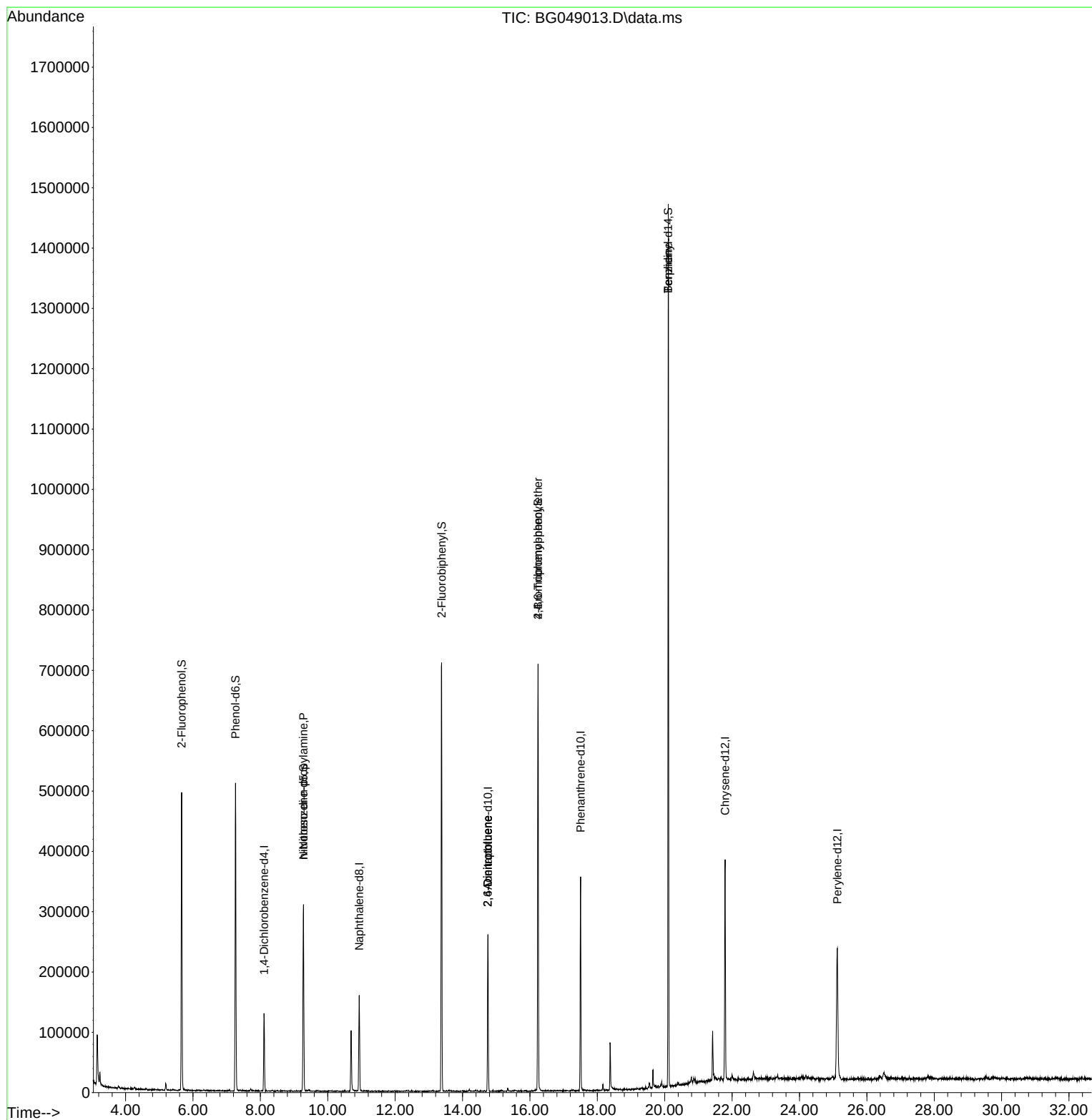
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	31640	20.000	ng	# 0.00
21) Naphthalene-d8	10.934	136	125475	20.000	ng	# 0.00
39) Acenaphthene-d10	14.754	164	93158	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	226227	20.000	ng	# 0.00
76) Chrysene-d12	21.792	240	228752	20.000	ng	0.00
86) Perylene-d12	25.124	264	236388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	190016	93.487	ng	0.00
7) Phenol-d6	7.262	99	250445	82.211	ng	0.00
23) Nitrobenzene-d5	9.278	82	181757	62.461	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	127617	92.463	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	361038	54.748	ng	0.00
79) Terphenyl-d14	20.106	244	673393	53.913	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.278	70	25854	10.857	ng	# 76
51) 2,6-Dinitrotoluene	14.748	165	11861	8.026	ng	# 11
57) 2,4-Dinitrotoluene	14.748	165	11861	6.534	ng	# 16
67) 4-Bromophenyl-phenylether	16.240	248	8357	2.958	ng	# 1
77) Benzidine	20.106	184	12582	2.730	ng	# 84

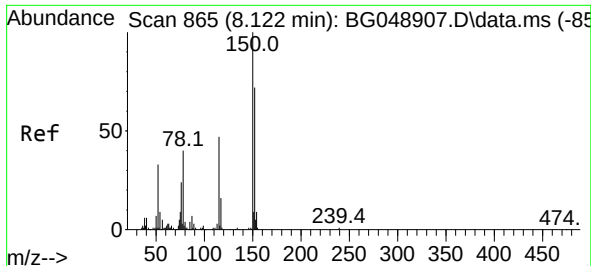
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061721\
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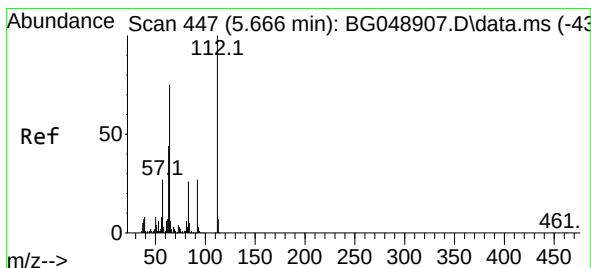
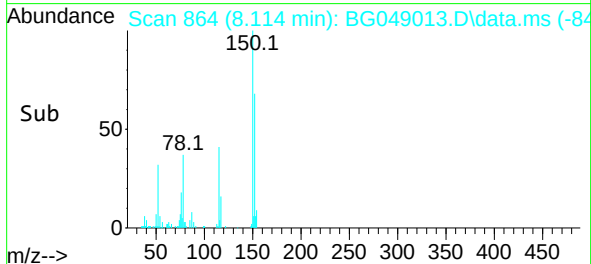
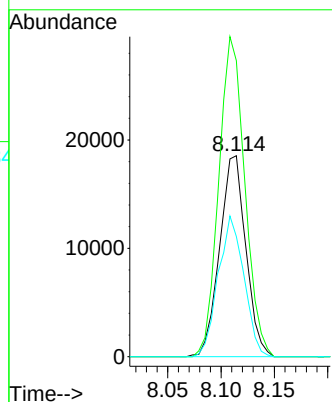
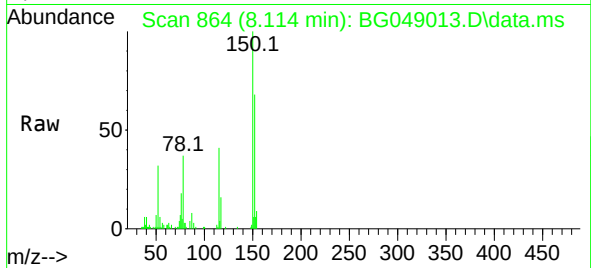




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 864
Delta R.T. 0.000 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

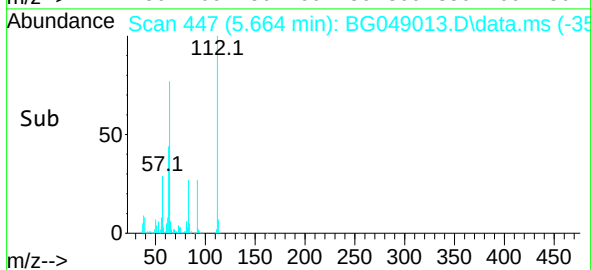
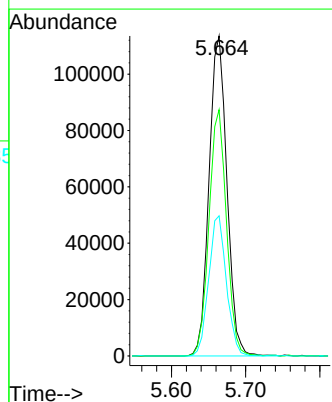
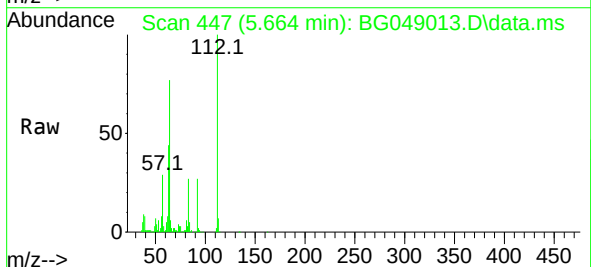
Instrument :
BNA_G
ClientSampleId :
124035

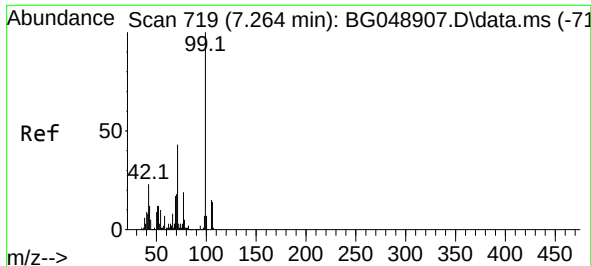
Tgt Ion:152 Resp: 31640
Ion Ratio Lower Upper
152 100
150 147.3 119.4 179.0
115 59.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 93.487 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

Tgt Ion:112 Resp: 190016
Ion Ratio Lower Upper
112 100
64 76.9 46.7 70.1#
63 43.8 35.3 52.9

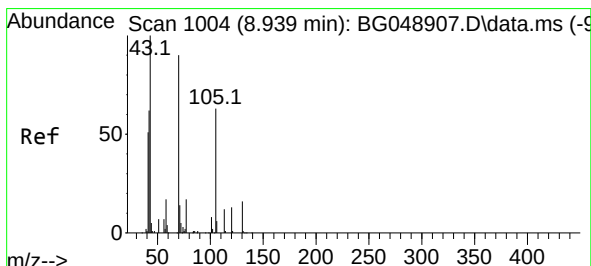
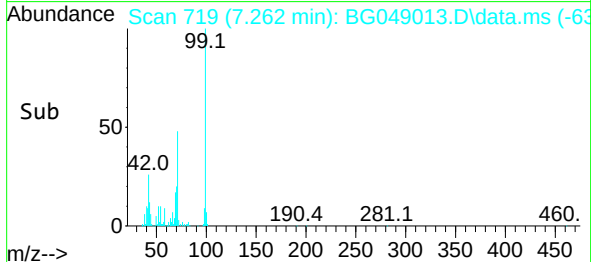
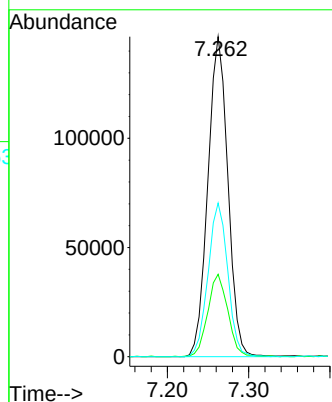
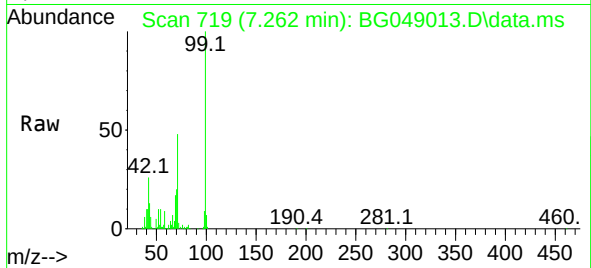




#7
Phenol-d6
Concen: 82.211 ng
RT: 7.262 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

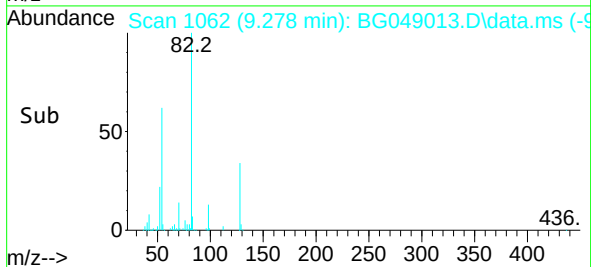
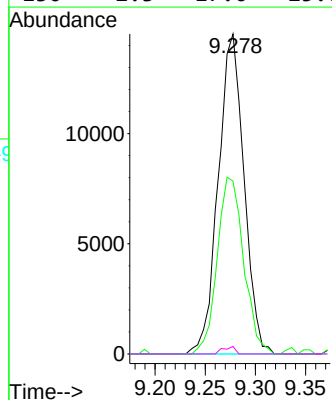
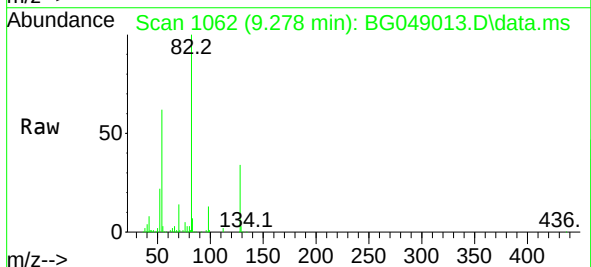
Instrument :
BNA_G
ClientSampleId :
124035

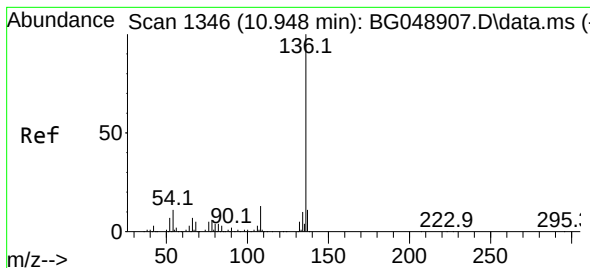
Tgt Ion: 99 Resp: 250445
Ion Ratio Lower Upper
99 100
42 25.8 20.5 30.7
71 48.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.857 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.353 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

Tgt Ion: 70 Resp: 25854
Ion Ratio Lower Upper
70 100
42 54.0 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

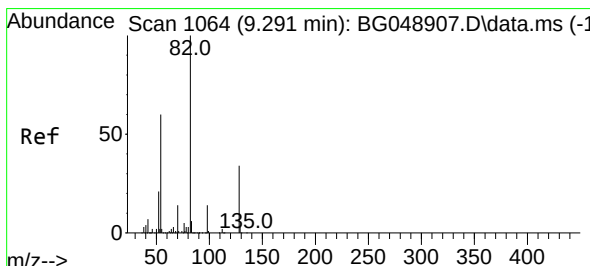
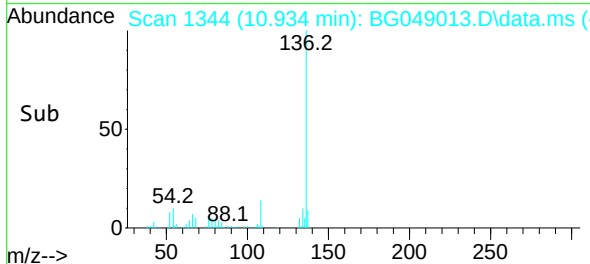
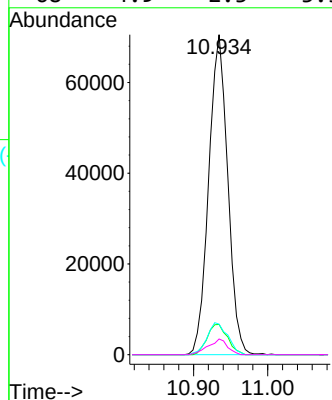
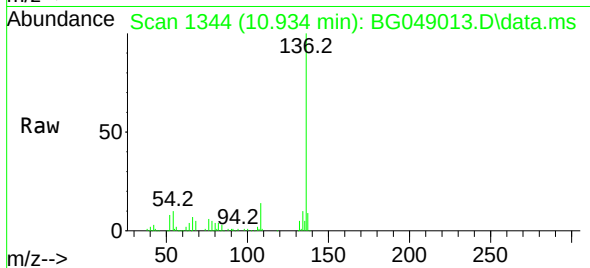




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

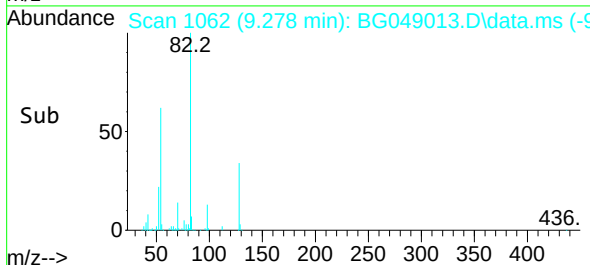
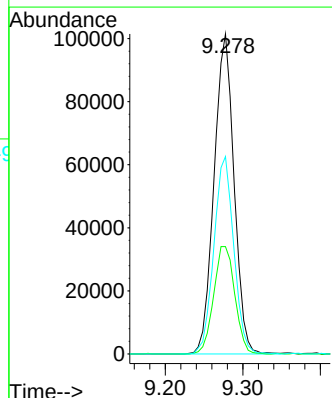
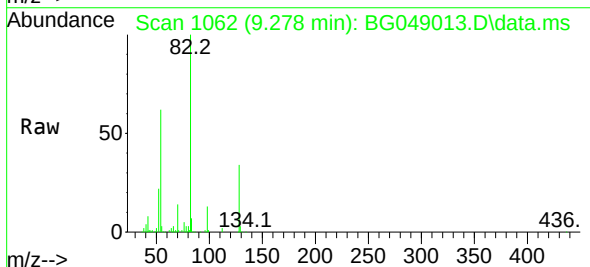
Instrument :
BNA_G
ClientSampleId :
124035

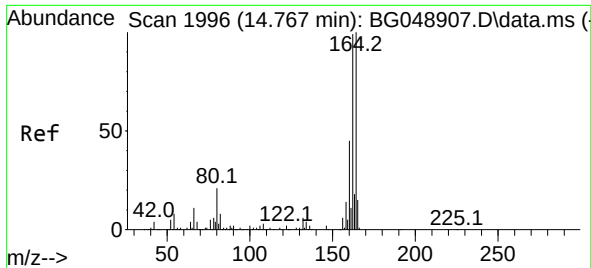
Tgt Ion:136 Resp: 125475
Ion Ratio Lower Upper
136 100
137 9.5 8.2 12.2
54 9.6 5.5 8.3#
68 4.9 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 62.461 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

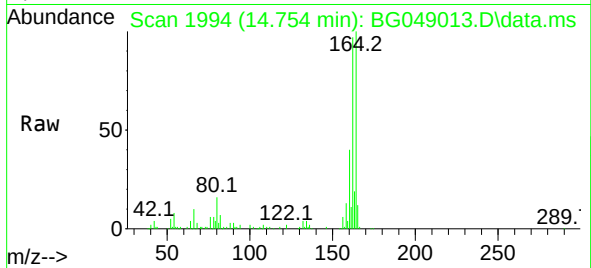
Tgt Ion: 82 Resp: 181757
Ion Ratio Lower Upper
82 100
128 33.6 29.8 44.6
54 61.7 45.8 68.8



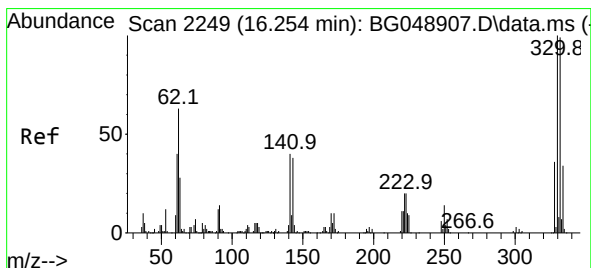
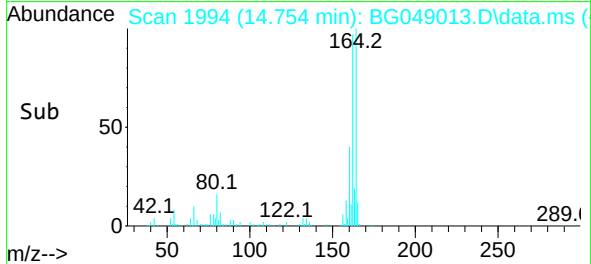
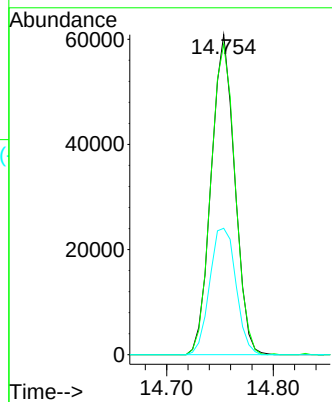


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

Instrument :
BNA_G
ClientSampleId :
124035

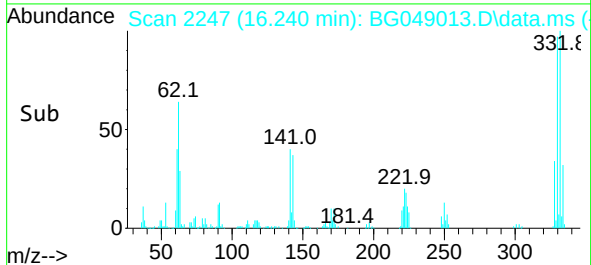
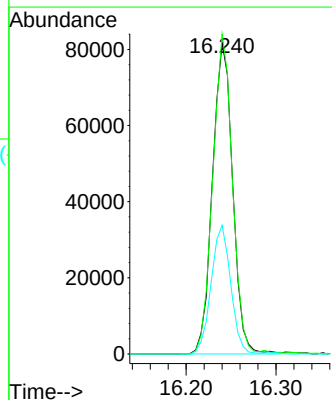
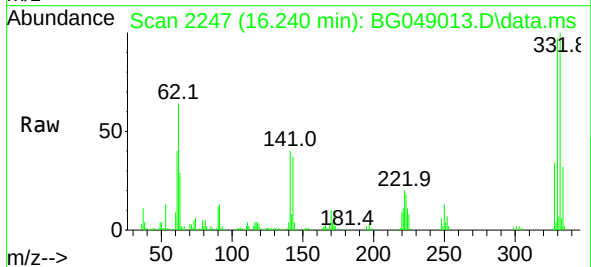


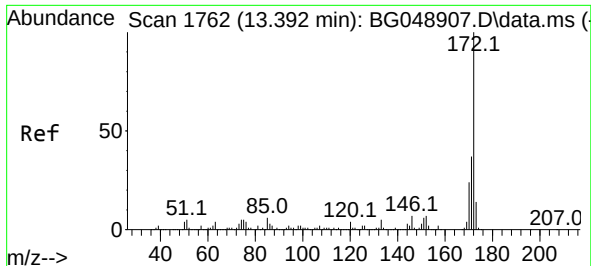
Tgt Ion:164 Resp: 93158
Ion Ratio Lower Upper
164 100
162 97.1 81.4 122.0
160 39.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 92.463 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

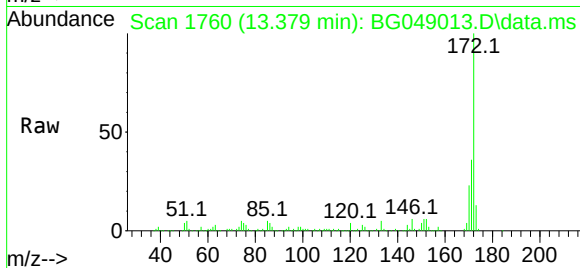
Tgt Ion:330 Resp: 127617
Ion Ratio Lower Upper
330 100
332 99.7 77.3 115.9
141 40.0 35.6 53.4



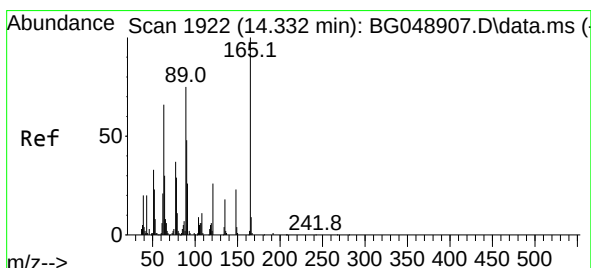
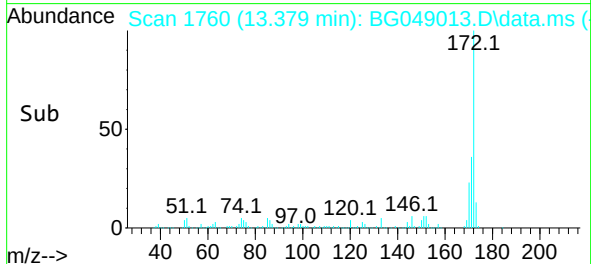
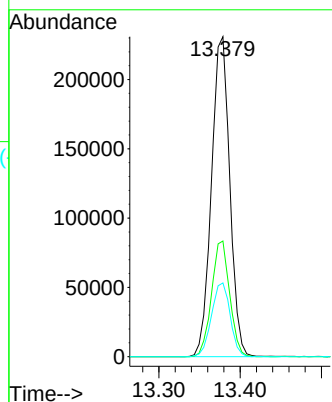


#45
2-Fluorobiphenyl
Concen: 54.748 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

Instrument :
BNA_G
ClientSampleId :
124035

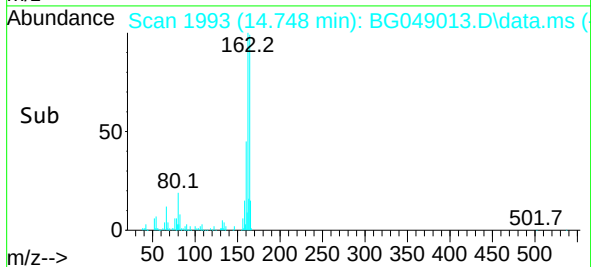
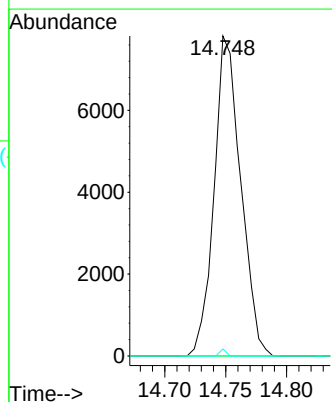
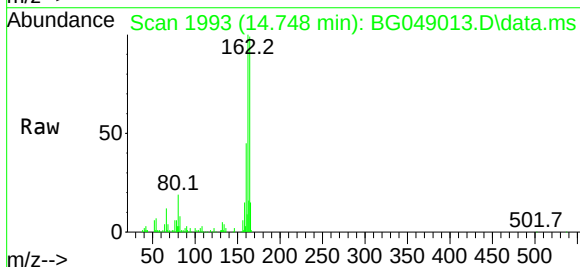


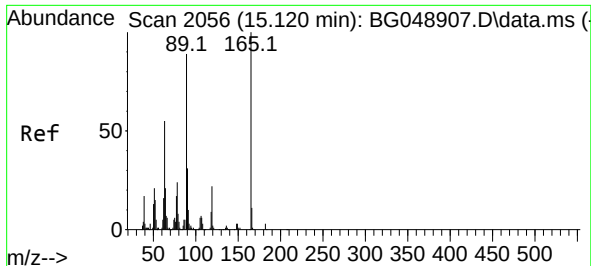
Tgt Ion:172 Resp: 361038
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.026 ng
RT: 14.748 min Scan# 1993
Delta R.T. 0.424 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

Tgt Ion:165 Resp: 11861
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.1 63.4 95.0#

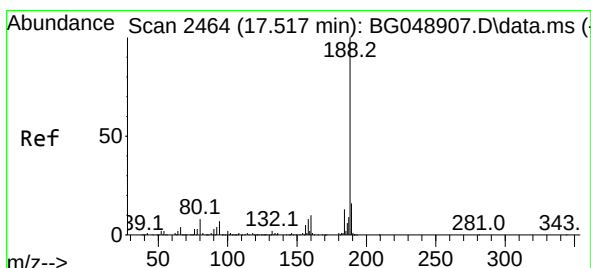
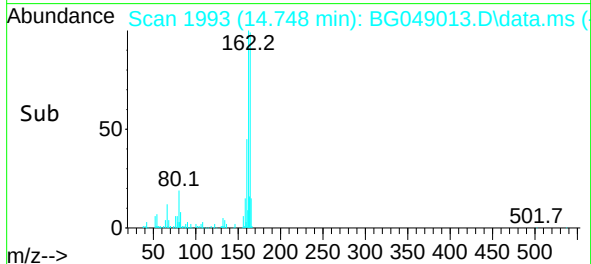
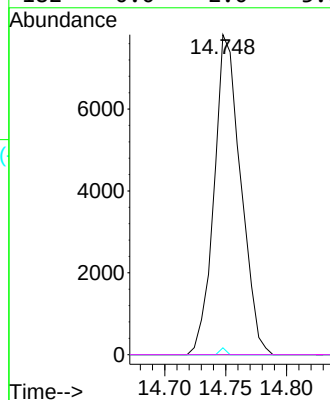
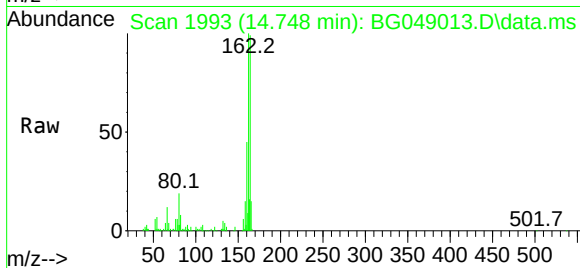




#57
2,4-Dinitrotoluene
Concen: 6.534 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.364 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

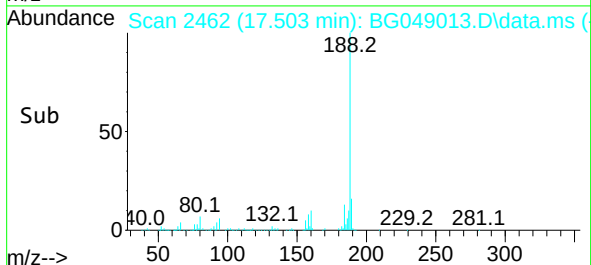
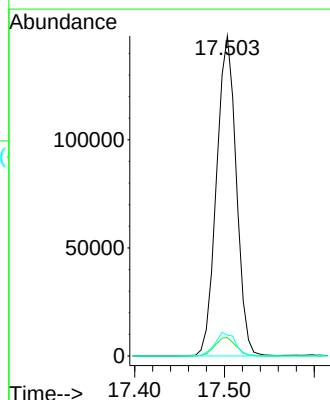
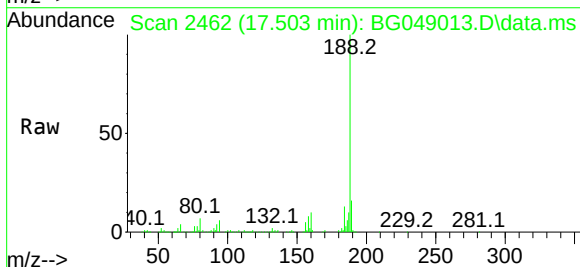
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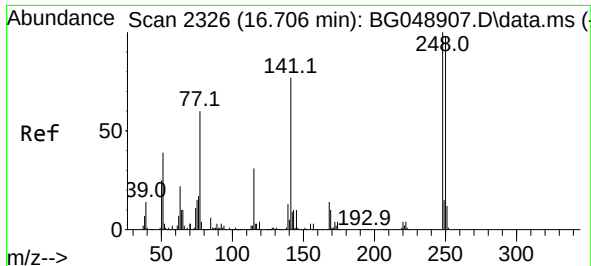
Tgt Ion:165 Resp: 11861
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

Tgt Ion:188 Resp: 226227
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 6.5 3.7 5.5#

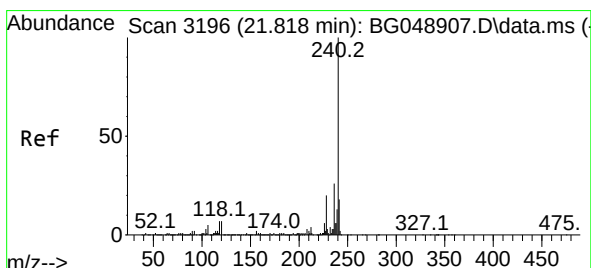
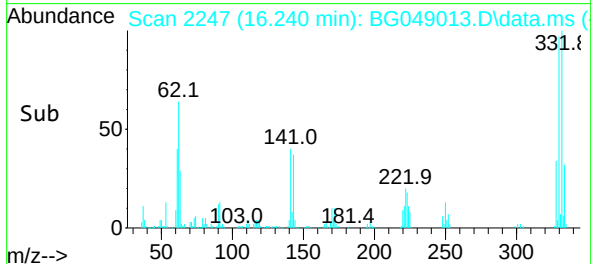
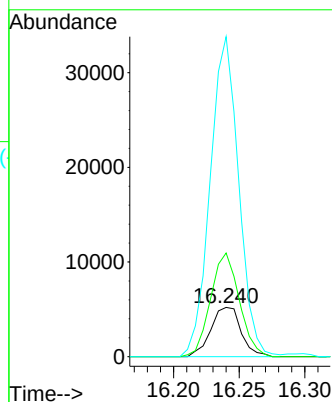
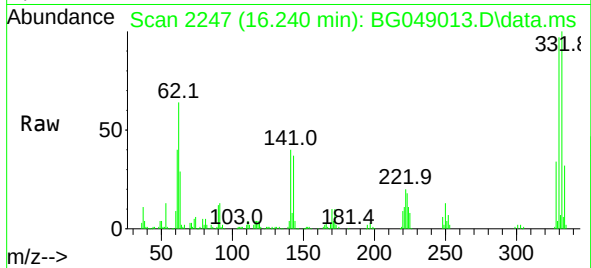




#67
4-Bromophenyl-phenylether
Concen: 2.958 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.452 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

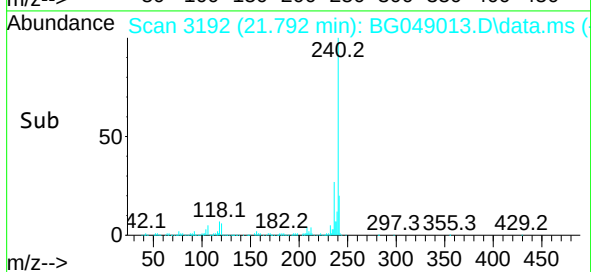
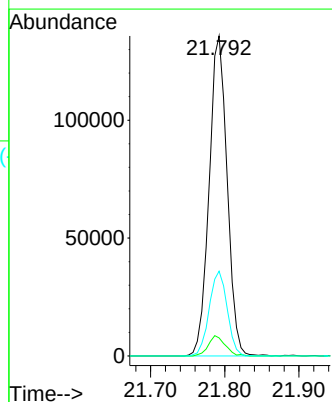
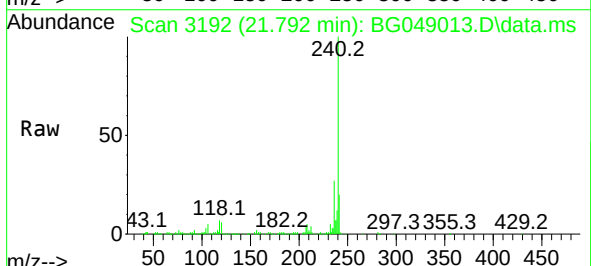
Instrument :
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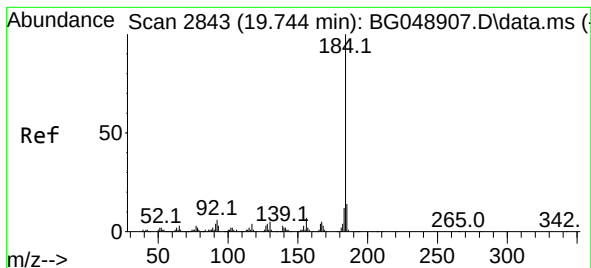
Tgt Ion:248 Resp: 8357
Ion Ratio Lower Upper
248 100
250 210.6 76.1 114.1#
141 649.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3192
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

Tgt Ion:240 Resp: 228752
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 26.5 21.8 32.6





#77

Benzidine

Concen: 2.730 ng

RT: 20.106 min Scan# 2905

Delta R.T. 0.377 min

Lab File: BG049013.D

Acq: 17 Jun 2021 14:21

Tgt Ion:184 Resp: 12582

Ion Ratio Lower Upper

184 100

185 18.4 10.7 16.1#

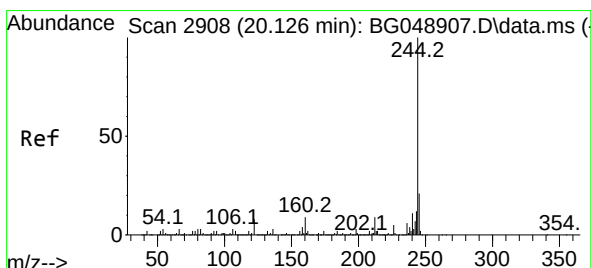
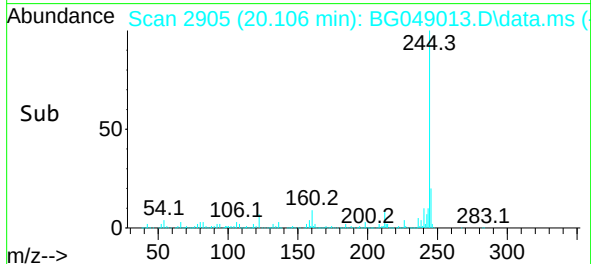
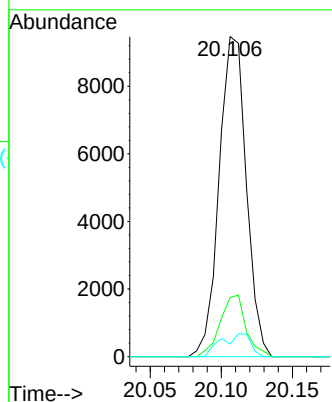
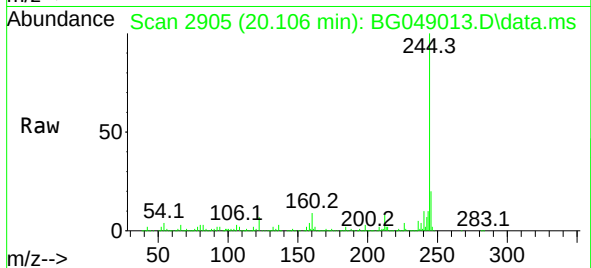
183 4.0 9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

124035



#79

Terphenyl-d14

Concen: 53.913 ng

RT: 20.106 min Scan# 2905

Delta R.T. -0.005 min

Lab File: BG049013.D

Acq: 17 Jun 2021 14:21

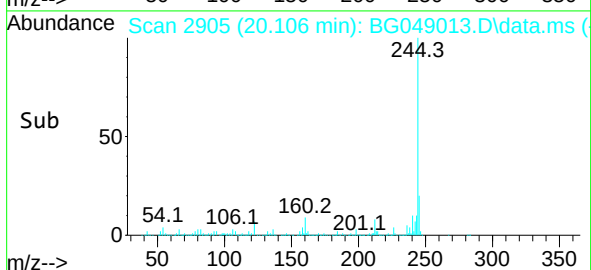
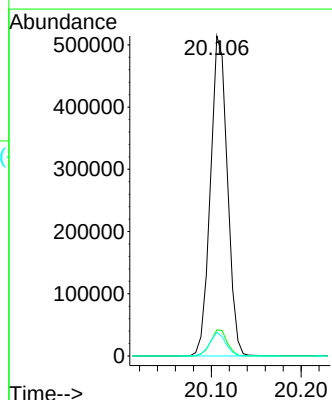
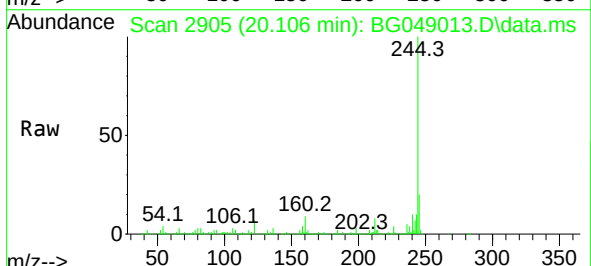
Tgt Ion:244 Resp: 673393

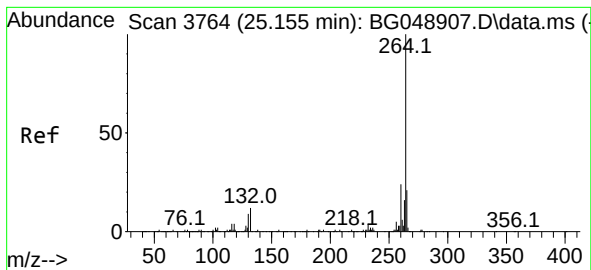
Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

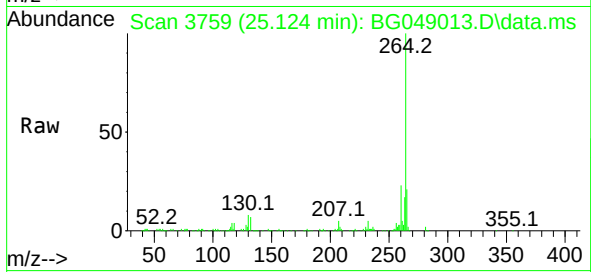
122 7.4 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.124 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BG049013.D
Acq: 17 Jun 2021 14:21

Instrument :
BNA_G
ClientSampleId :
124035



Tgt Ion:264 Resp: 236388

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.4	29.2
265	21.3	16.9	25.3

