

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
 Data File : BG049026.D
 Acq On : 18 Jun 2021 19:16
 Operator : CG/JU
 Sample : M2709-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0236-COMPOSITE-M

Quant Time: Jun 19 00:51:13 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)

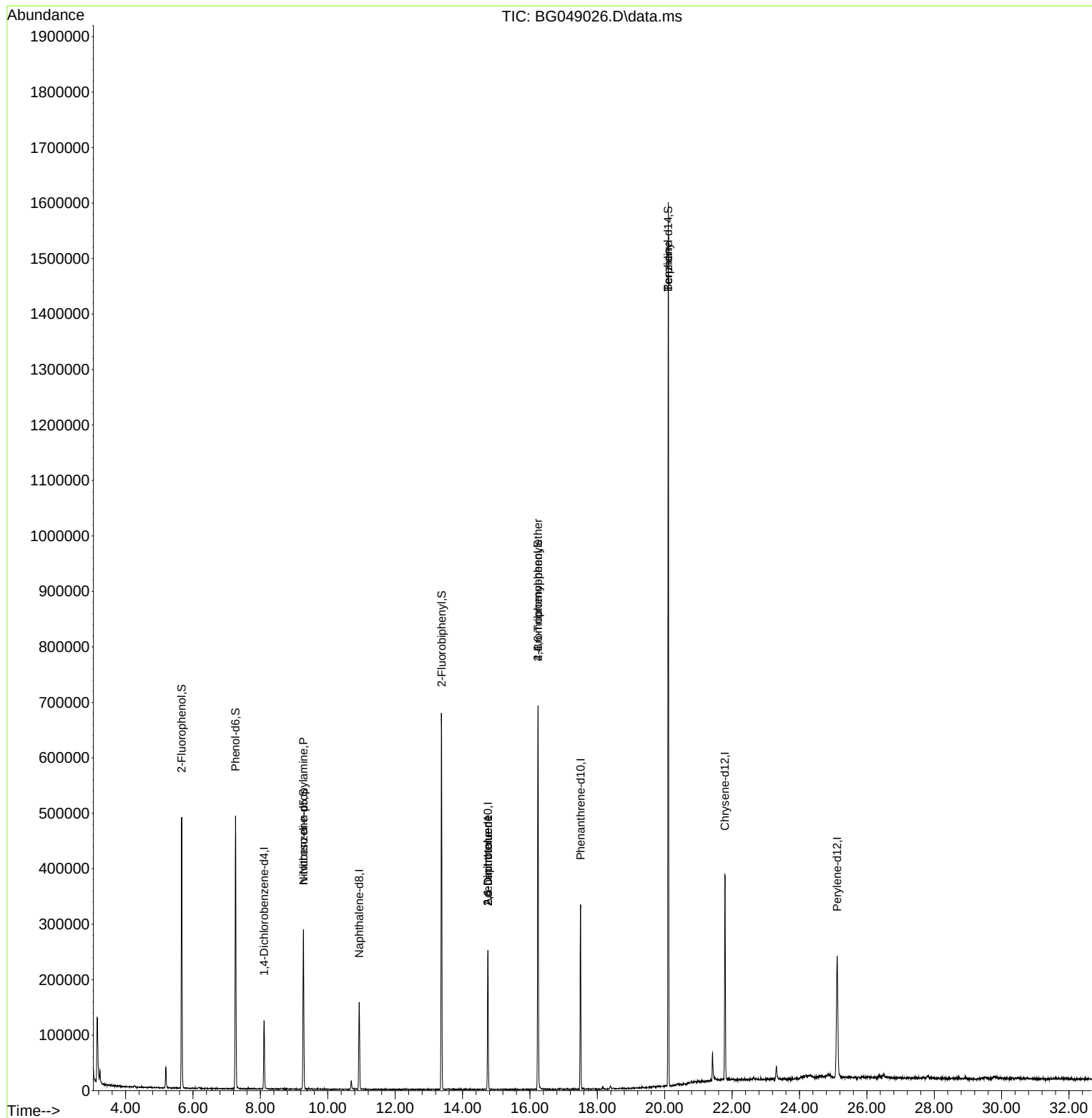
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	31950	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	127588	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	91852	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	218864	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	238669	20.00	ng	-0.01
86) Perylene-d12	25.118	264	247214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	185135	90.20	ng	0.00
7) Phenol-d6	7.263	99	246459	80.12	ng	0.00
23) Nitrobenzene-d5	9.278	82	168120	56.82	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	132414	97.30	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	342276	52.64	ng	0.00
79) Terphenyl-d14	20.106	244	762655	58.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.278	70	24582	10.22	ng	# 76
51) 2,6-Dinitrotoluene	14.754	165	12279	8.43	ng	# 12
57) 2,4-Dinitrotoluene	14.754	165	12279	6.86	ng	# 17
67) 4-Bromophenyl-phenylether	16.240	248	8243	3.02	ng	# 1
77) Benzidine	20.106	184	14450	3.01	ng	# 87

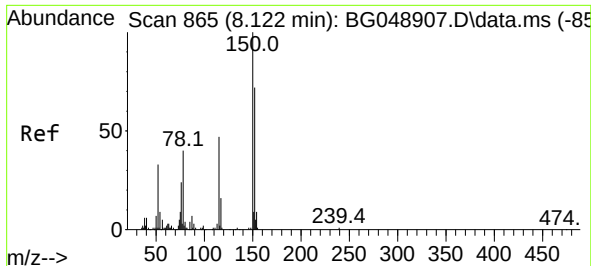
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
Data File : BG049026.D
Acq On : 18 Jun 2021 19:16
Operator : CG/JU
Sample : M2709-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0236-COMPOSITE-M

Quant Time: Jun 19 00:51:13 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

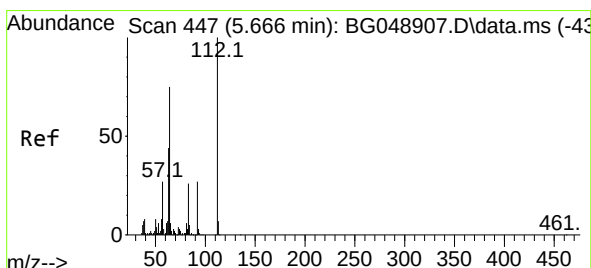
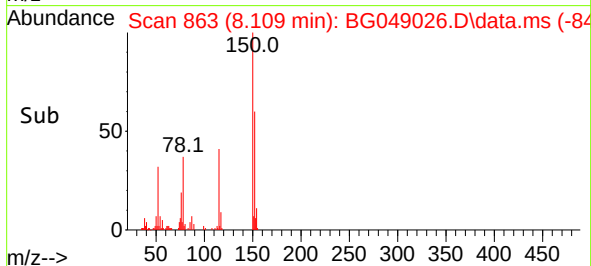
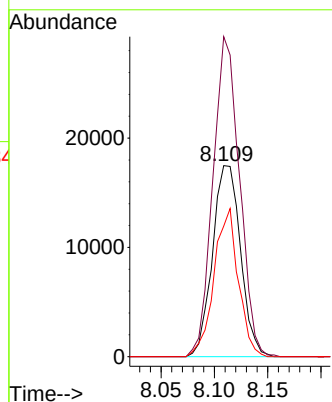
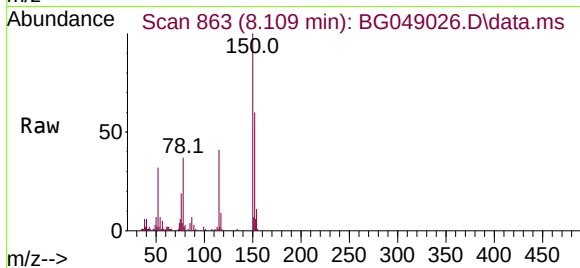




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

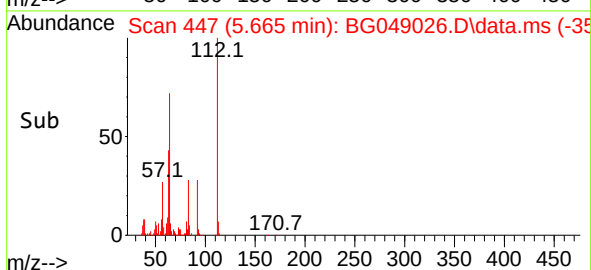
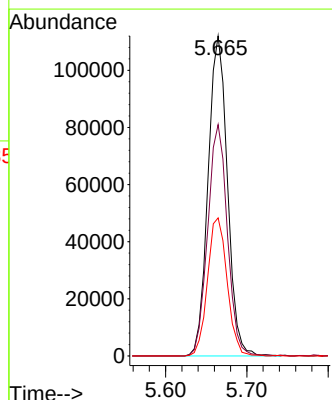
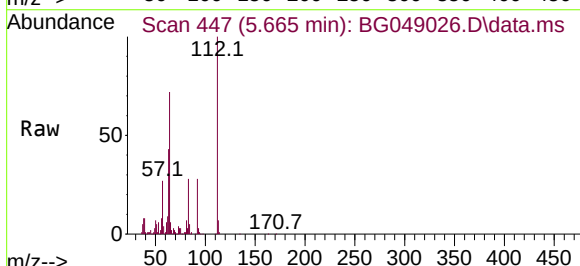
Instrument :
BNA_G
ClientSampleId :
0236-COMPOSITE-M

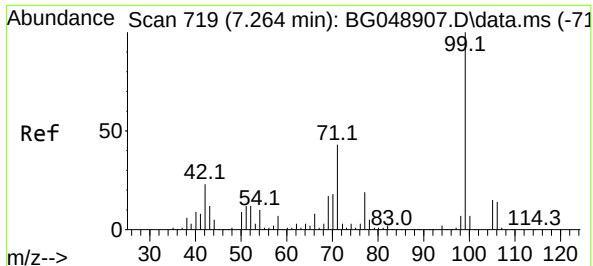
Tgt Ion:152 Resp: 31950
Ion Ratio Lower Upper
152 100
150 167.4 119.4 179.0
115 68.3 60.2 90.4



#5
2-Fluorophenol
Concen: 90.20 ng
RT: 5.665 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

Tgt Ion:112 Resp: 185135
Ion Ratio Lower Upper
112 100
64 72.3 46.7 70.1#
63 43.1 35.3 52.9

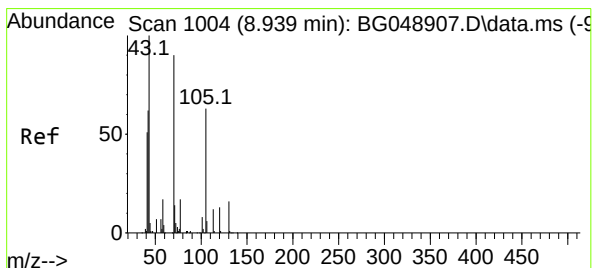
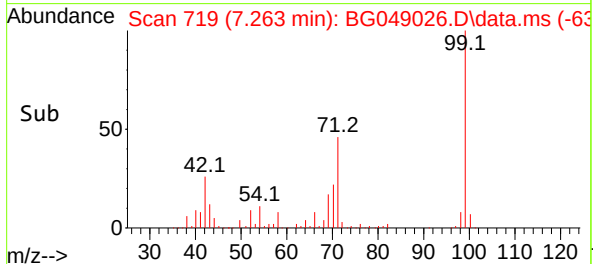
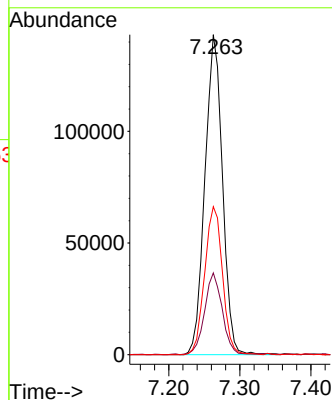
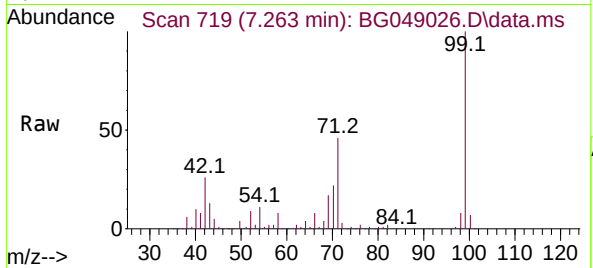




#7
Phenol-d6
Concen: 80.12 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

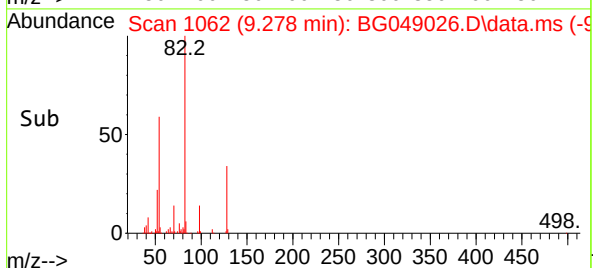
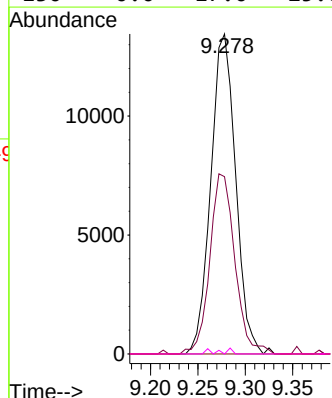
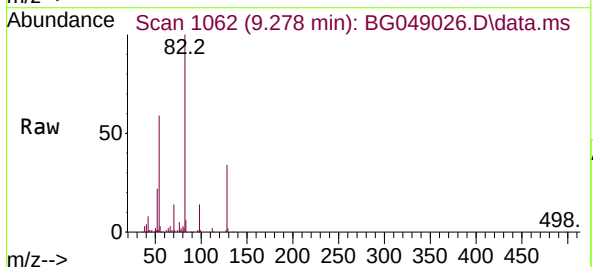
Instrument :
BNA_G
ClientSampleId :
0236-COMPOSITE-M

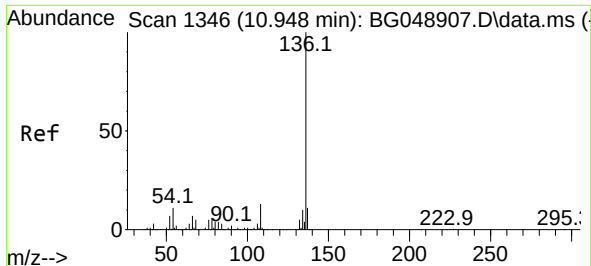
Tgt Ion:	99	Resp:	246459
Ion Ratio	Lower	Upper	
99	100		
42	25.5	20.5	30.7
71	46.3	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.22 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.354 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

Tgt Ion:	70	Resp:	24582
Ion Ratio	Lower	Upper	
70	100		
42	55.4	54.5	81.7
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

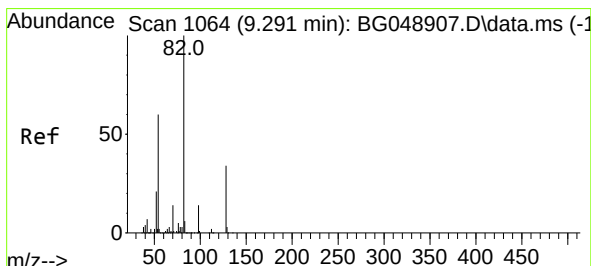
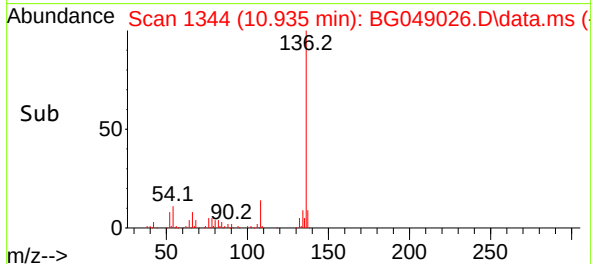
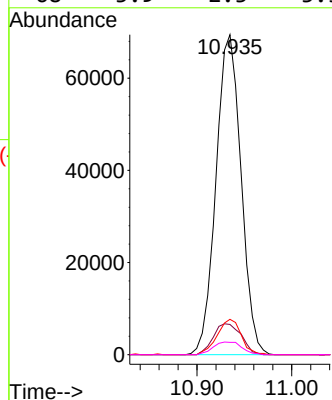
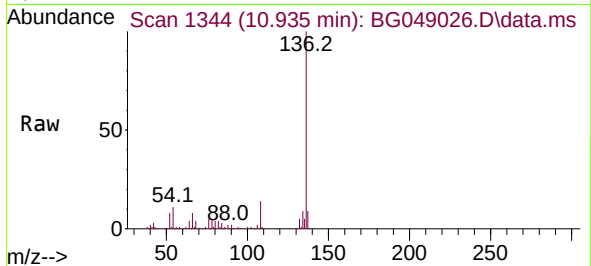




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

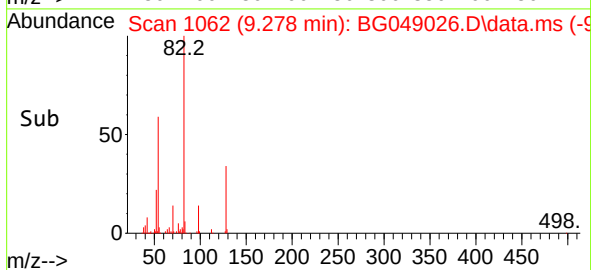
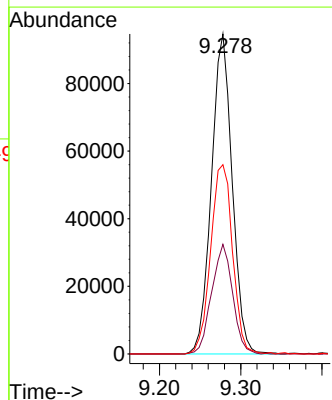
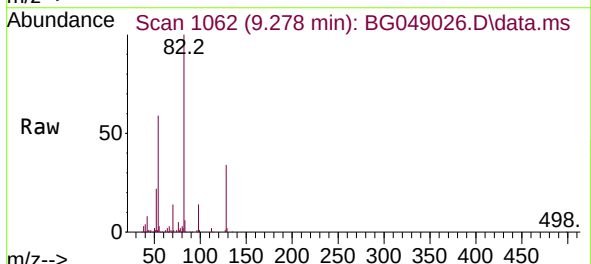
Instrument :
BNA_G
ClientSampleId :
0236-COMPOSITE-M

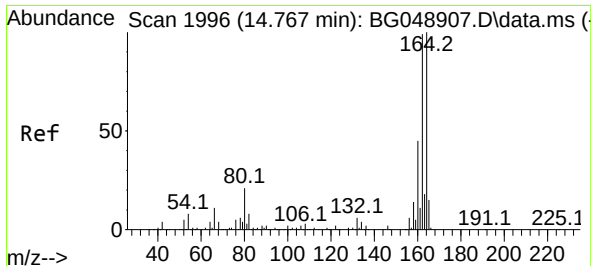
Tgt Ion:136	Resp:	127588
Ion Ratio	Lower	Upper
136	100	
137	9.4	8.2 12.2
54	11.1	5.5 8.3#
68	3.9	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 56.82 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

Tgt Ion: 82	Resp:	168120
Ion Ratio	Lower	Upper
82	100	
128	34.3	29.8 44.6
54	59.2	45.8 68.8

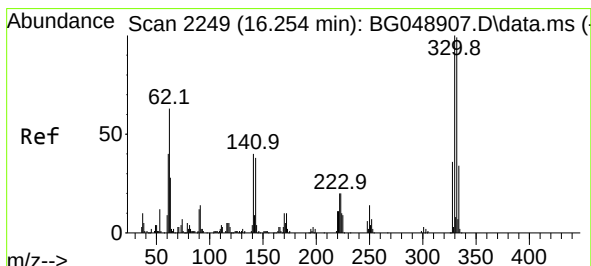
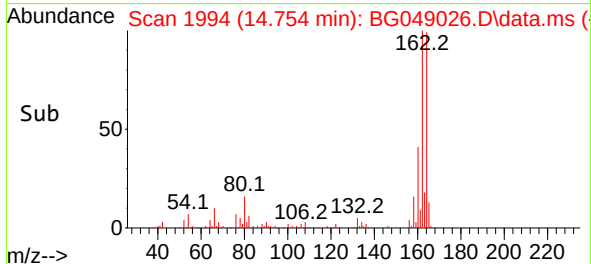
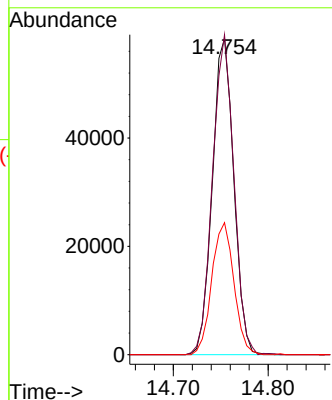
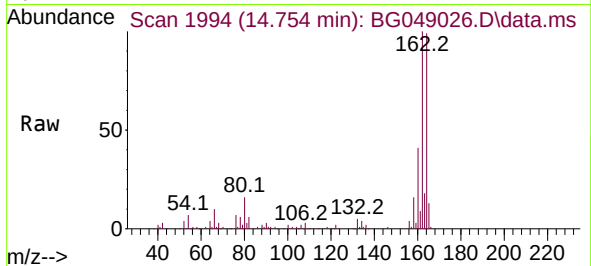




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

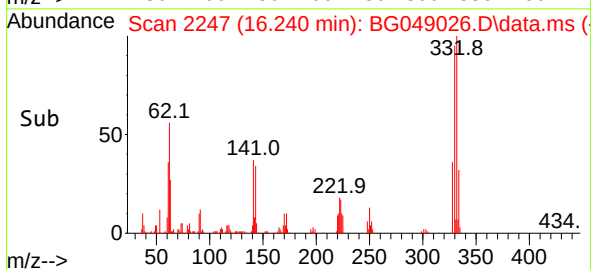
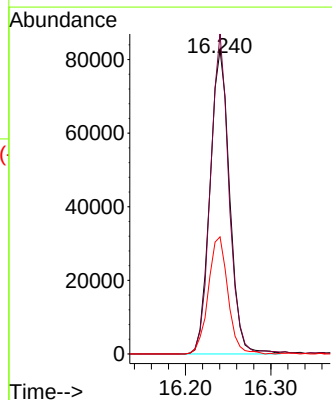
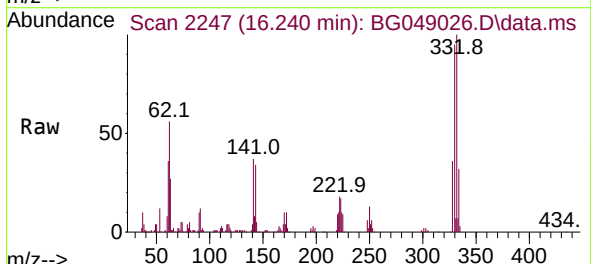
Instrument :
BNA_G
ClientSampleId :
0236-COMPOSITE-M

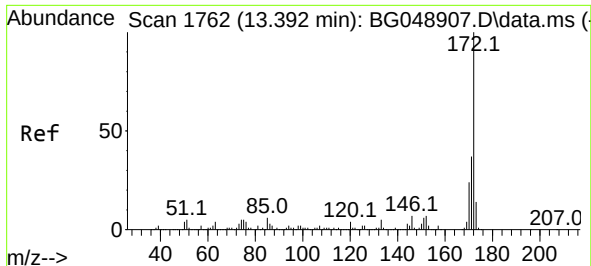
Tgt Ion:164 Resp: 91852
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 41.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 97.30 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

Tgt Ion:330 Resp: 132414
Ion Ratio Lower Upper
330 100
332 99.6 77.3 115.9
141 38.4 35.6 53.4

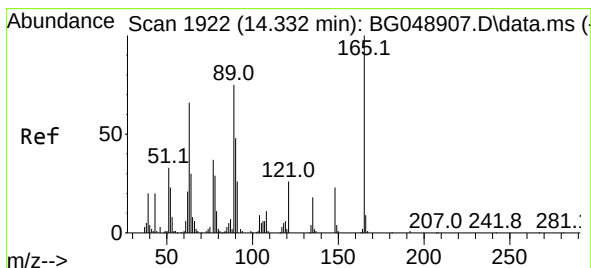
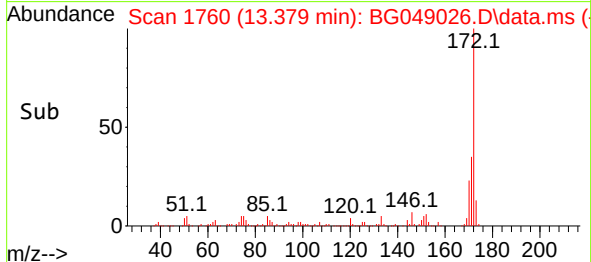
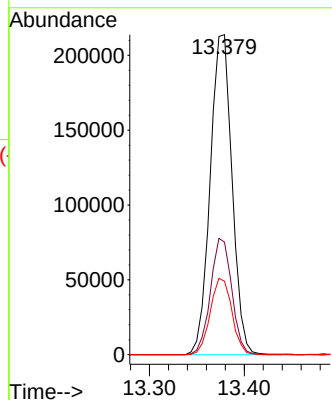
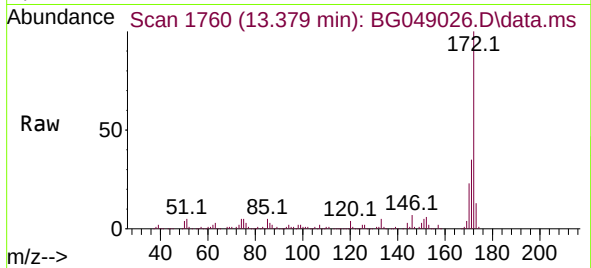




#45
2-Fluorobiphenyl
Concen: 52.64 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

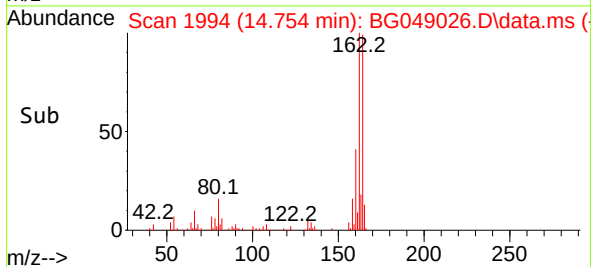
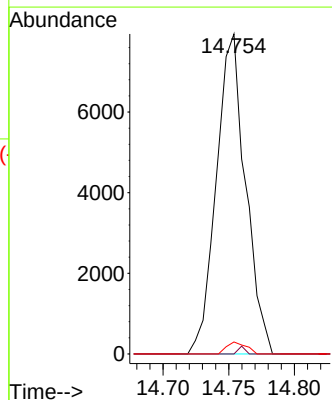
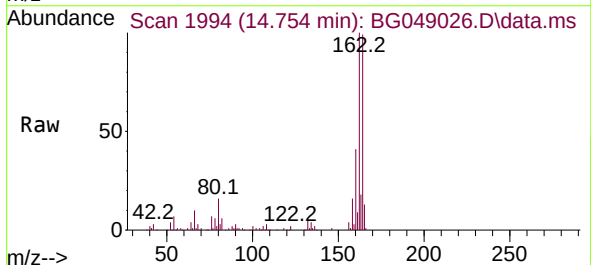
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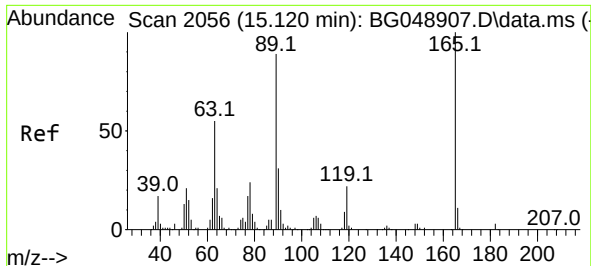
Tgt Ion:172 Resp: 342276
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.43 ng
RT: 14.754 min Scan# 1994
Delta R.T. 0.430 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

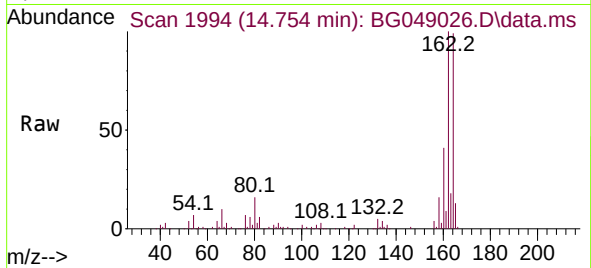
Tgt Ion:165 Resp: 12279
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.8 63.4 95.0#



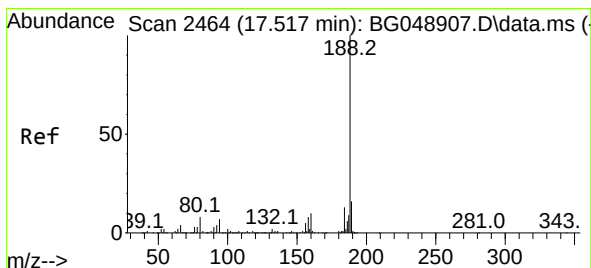
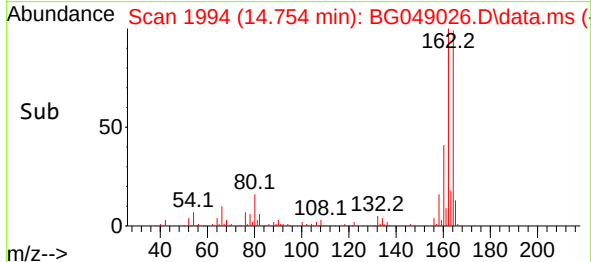
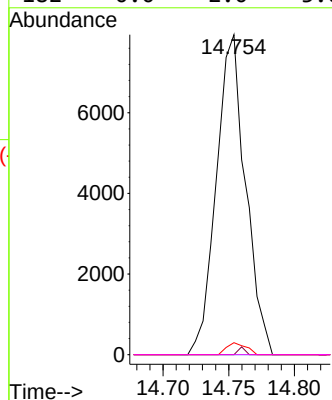


#57
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.357 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

Instrument :
BNA_G
ClientSampleId :
0236-COMPOSITE-M

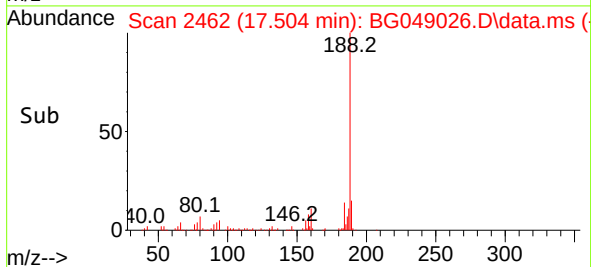
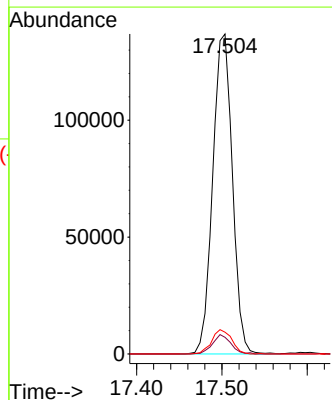
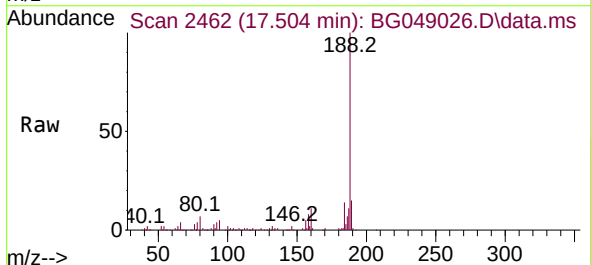


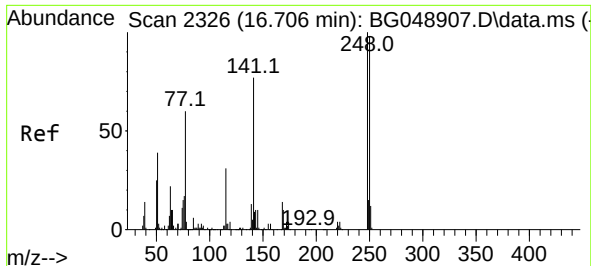
Tgt Ion:	165	Resp:	12279
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.0	72.0#
89	3.8	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

Tgt Ion:	188	Resp:	218864
Ion Ratio	Lower	Upper	
188	100		
94	5.2	5.4	8.0#
80	6.8	3.7	5.5#

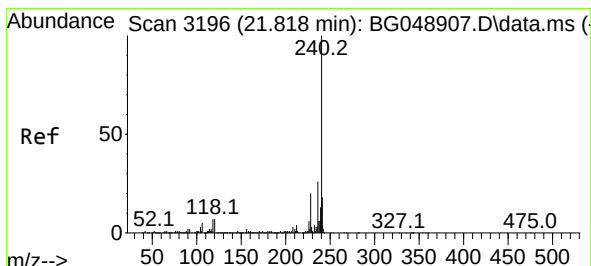
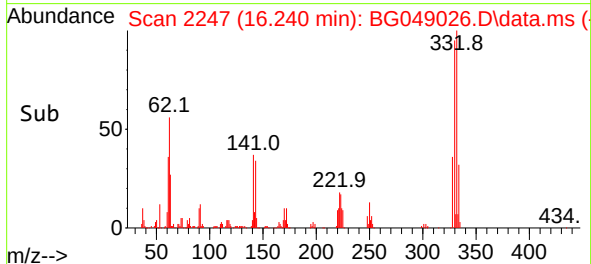
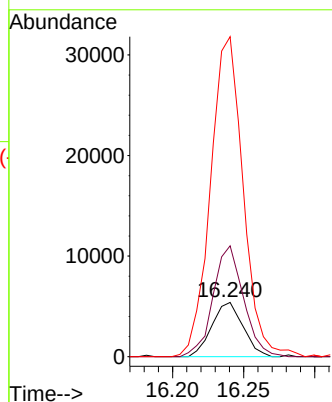
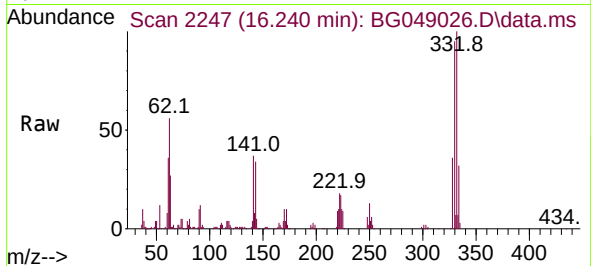




#67
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.451 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

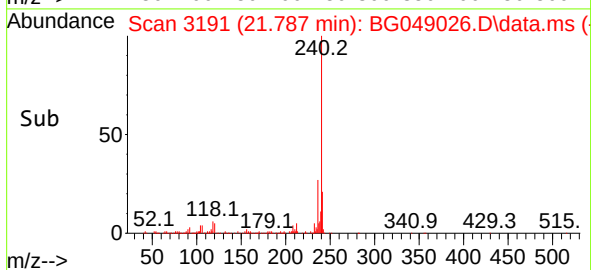
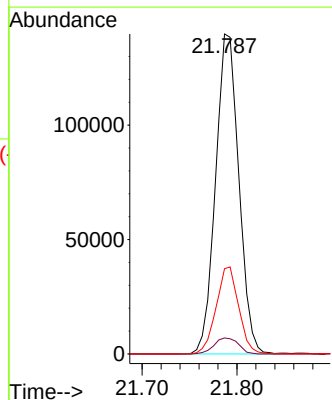
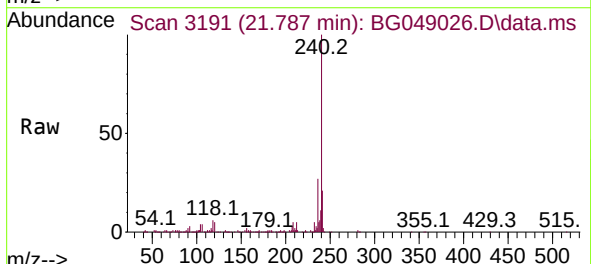
Instrument :
BNA_G
ClientSampleId :
0236-COMPOSITE-M

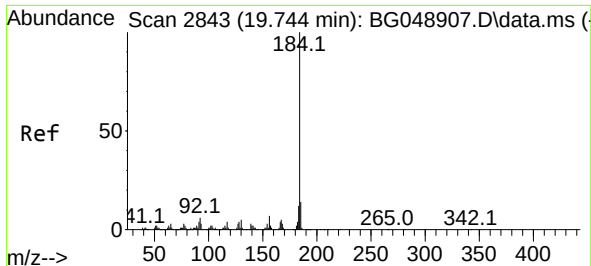
Tgt Ion:248 Resp: 8243
Ion Ratio Lower Upper
248 100
250 204.3 76.1 114.1#
141 589.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3191
Delta R.T. -0.011 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

Tgt Ion:240 Resp: 238669
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 26.7 21.8 32.6

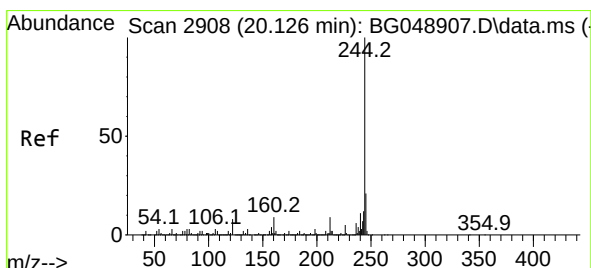
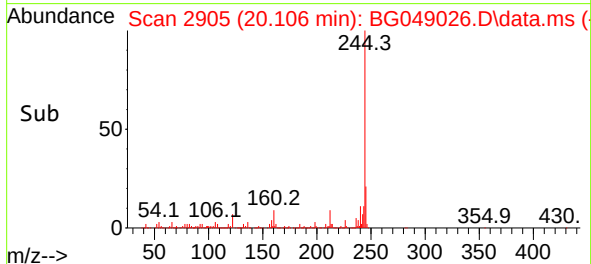
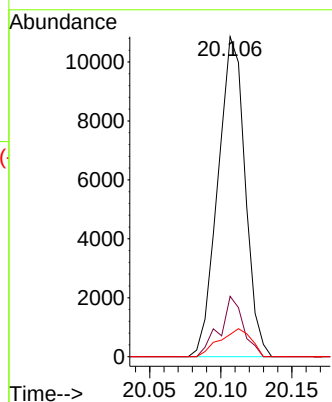
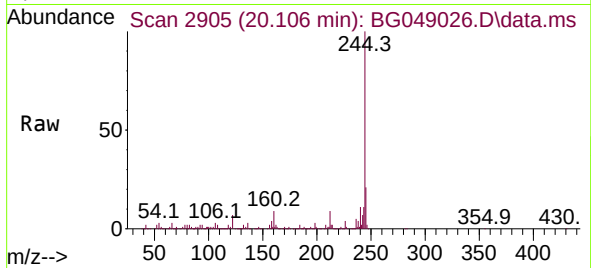




#77
Benzidine
Concen: 3.01 ng
RT: 20.106 min Scan# 2905
Delta R.T. 0.377 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

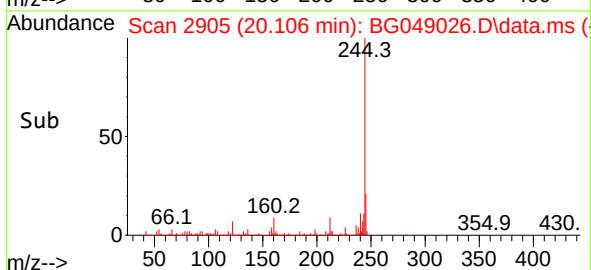
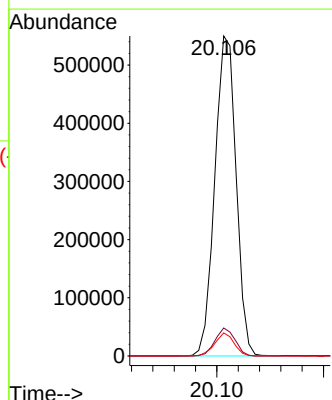
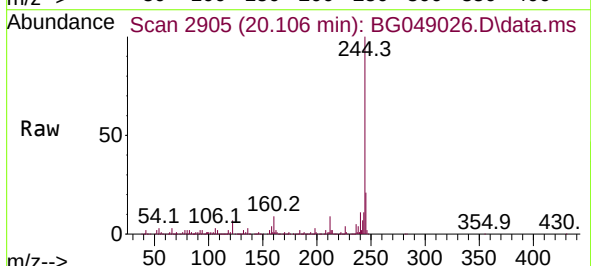
Instrument :
BNA_G
ClientSampleId :
0236-COMPOSITE-M

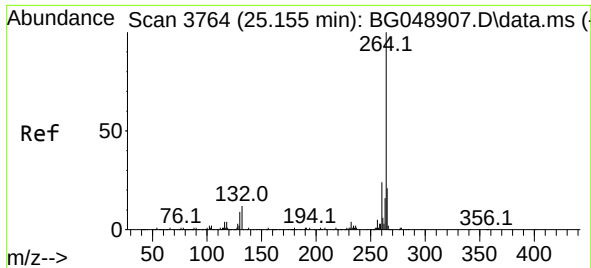
Tgt Ion:184 Resp: 14450
Ion Ratio Lower Upper
184 100
185 18.8 10.7 16.1#
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 58.52 ng
RT: 20.106 min Scan# 2905
Delta R.T. -0.005 min
Lab File: BG049026.D
Acq: 18 Jun 2021 19:16

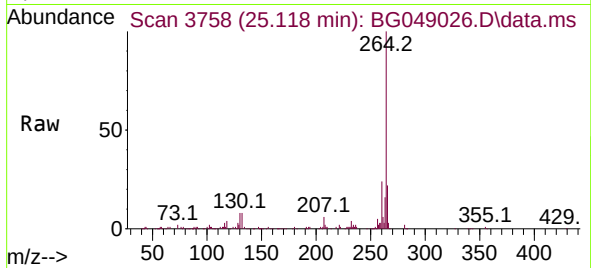
Tgt Ion:244 Resp: 762655
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.118 min Scan# 3758
 Delta R.T. -0.011 min
 Lab File: BG049026.D
 Acq: 18 Jun 2021 19:16

Instrument :
 BNA_G
 ClientSampleId :
 0236-COMPOSITE-M



Tgt Ion:264	Resp:	247214
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.4 29.2
265	22.0	16.9 25.3

