

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061721\
 Data File : BG049010.D
 Acq On : 17 Jun 2021 11:38
 Operator : CG/JU
 Sample : M2678-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-AMND-COMP-F(CL-05)

Quant Time: Jun 17 12:36:22 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)

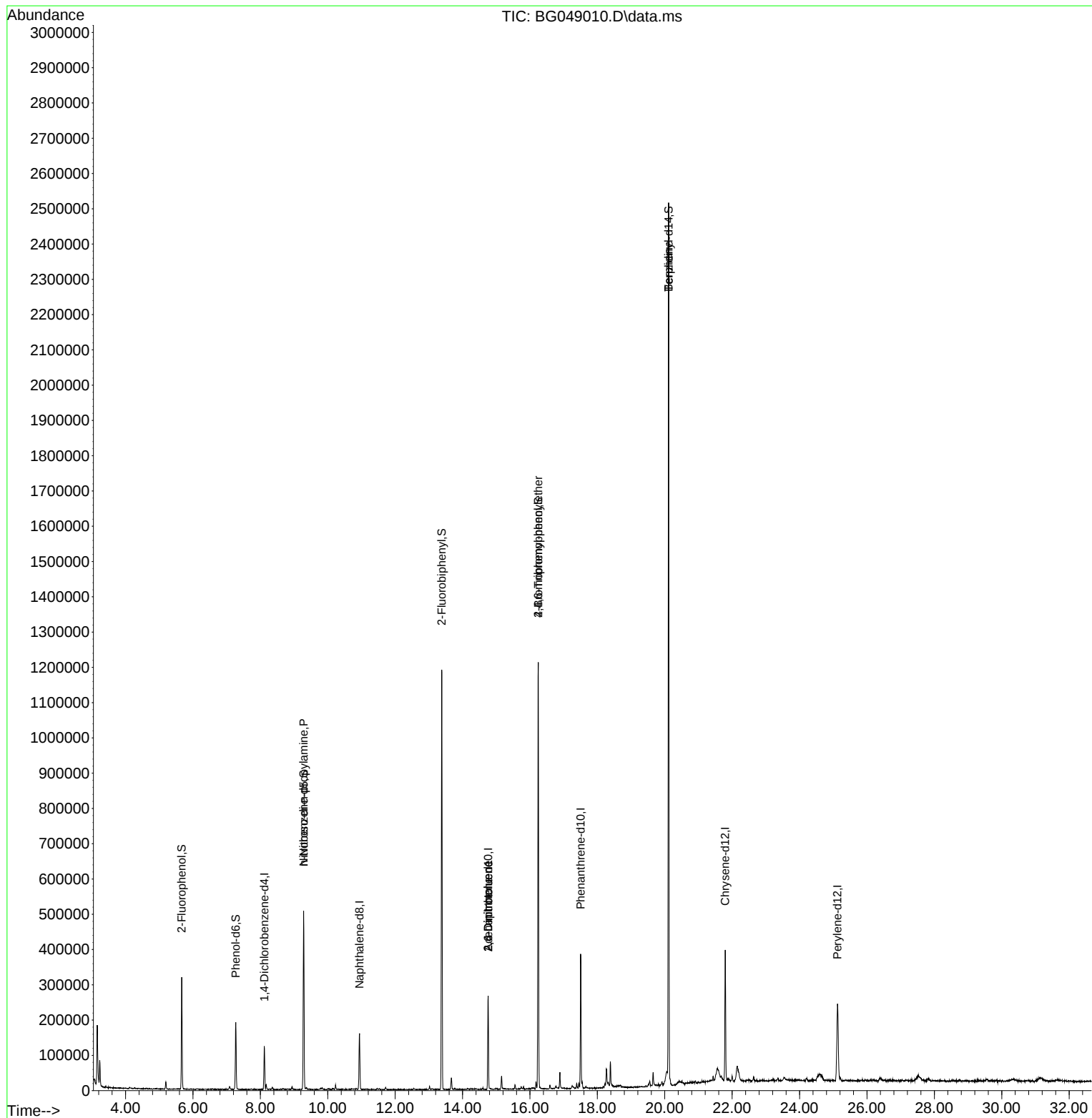
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	31273	20.000	ng	0.00
21) Naphthalene-d8	10.942	136	127228	20.000	ng	# 0.00
39) Acenaphthene-d10	14.761	164	96321	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	233132	20.000	ng	# 0.00
76) Chrysene-d12	21.794	240	229015	20.000	ng	0.00
86) Perylene-d12	25.125	264	244941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	118930	59.200	ng	0.00
7) Phenol-d6	7.270	99	92625	30.762	ng	0.00
23) Nitrobenzene-d5	9.285	82	292672	99.192	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	218846	153.355	ng	0.00
45) 2-Fluorobiphenyl	13.380	172	611287	89.653	ng	0.00
79) Terphenyl-d14	20.113	244	1153248	92.224	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.285	70	43735	18.582	ng	# 77
51) 2,6-Dinitrotoluene	14.761	165	12219	7.997	ng	# 14
57) 2,4-Dinitrotoluene	14.761	165	12219	6.510	ng	# 19
67) 4-Bromophenyl-phenylether	16.247	248	14325	4.921	ng	# 1
77) Benzidine	20.113	184	23010	4.988	ng	# 95

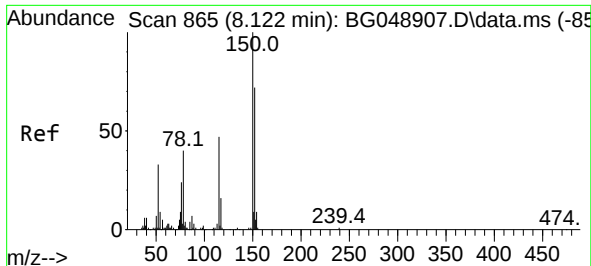
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061721\
Data File : BG049010.D
Acq On : 17 Jun 2021 11:38
Operator : CG/JU
Sample : M2678-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SPLP-AMND-COMP-F(CL-05)

Quant Time: Jun 17 12:36:22 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

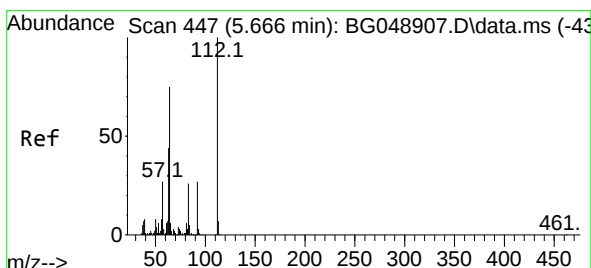
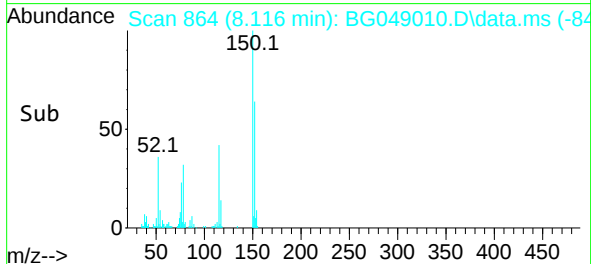
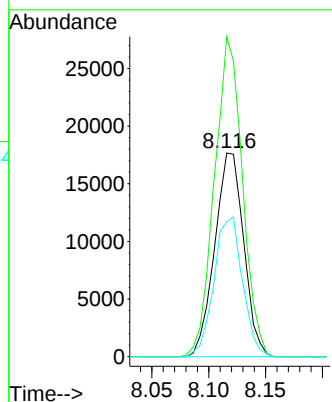
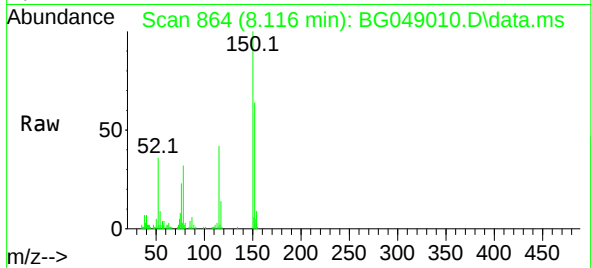




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 864
Delta R.T. 0.002 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

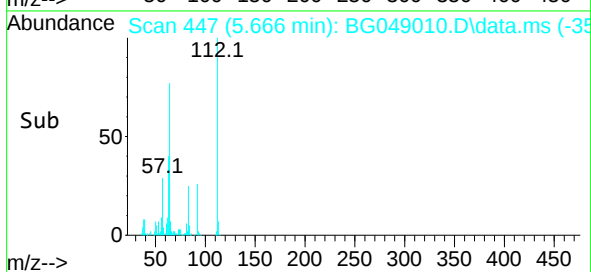
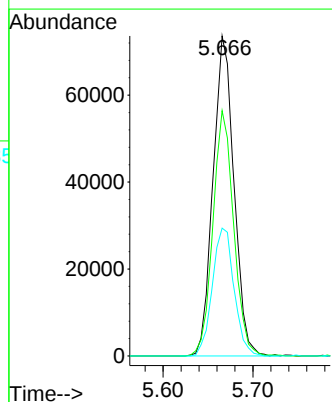
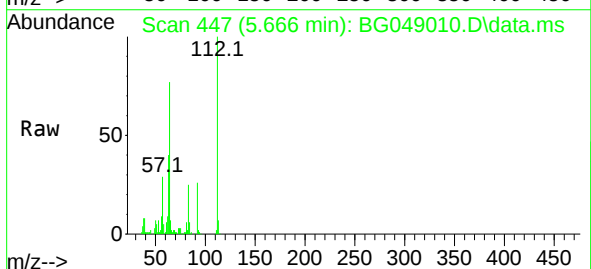
Instrument :
BNA_G
ClientSampleId :
SPLP-AMND-COMP-F(CL-05)

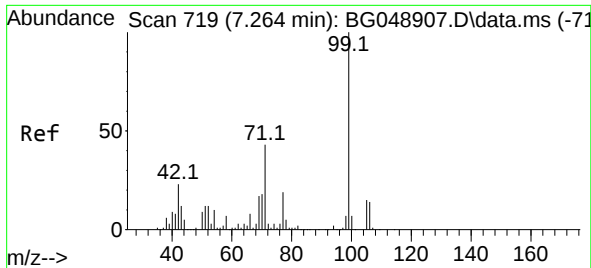
Tgt Ion:152 Resp: 31273
Ion Ratio Lower Upper
152 100
150 157.1 119.4 179.0
115 66.4 60.2 90.4



#5
2-Fluorophenol
Concen: 59.200 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.002 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

Tgt Ion:112 Resp: 118930
Ion Ratio Lower Upper
112 100
64 76.7 46.7 70.1#
63 40.0 35.3 52.9

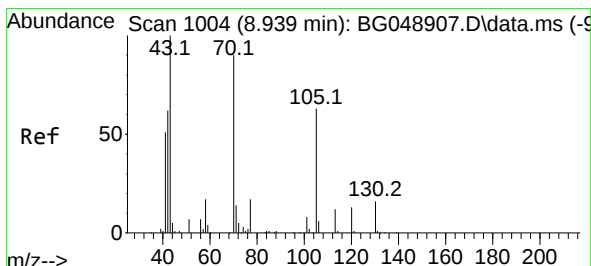
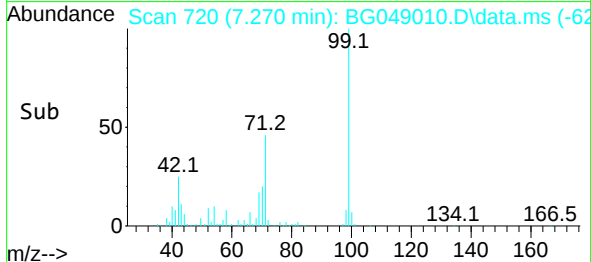
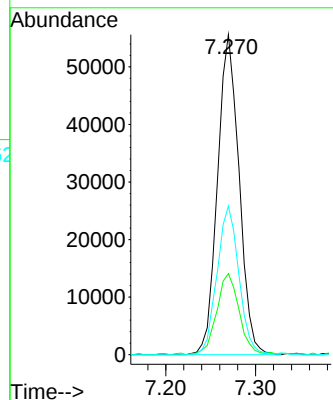
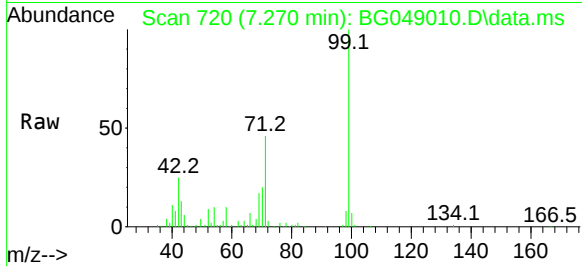




#7
Phenol-d6
Concen: 30.762 ng
RT: 7.270 min Scan# 720
Delta R.T. 0.002 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

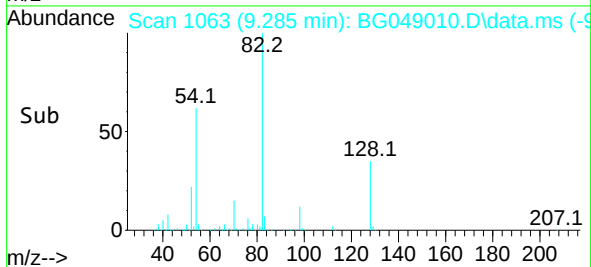
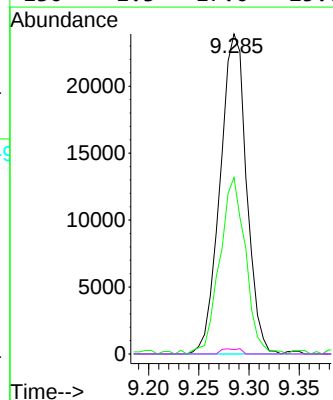
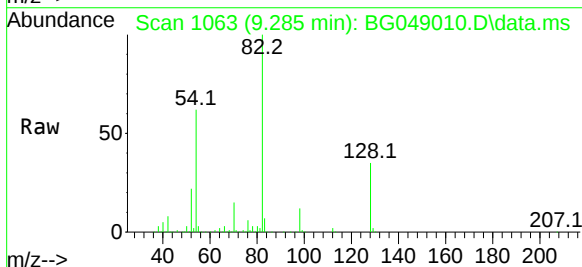
Instrument :
BNA_G
ClientSampleId :
SPLP-AMND-COMP-F(CL-05)

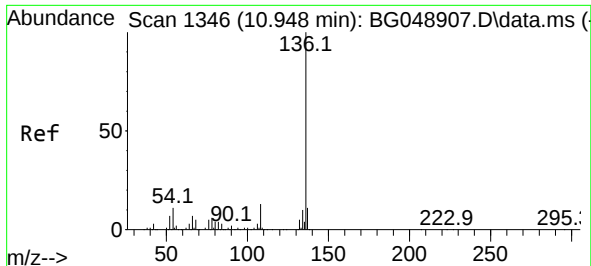
Tgt Ion:	99	Resp:	92625
Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.5	30.7
71	46.4	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.582 ng
RT: 9.285 min Scan# 1063
Delta R.T. 0.361 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

Tgt Ion:	70	Resp:	43735
Ion	Ratio	Lower	Upper
70	100		
42	55.2	54.5	81.7
101	0.0	9.0	13.6#
130	1.3	17.0	25.6#

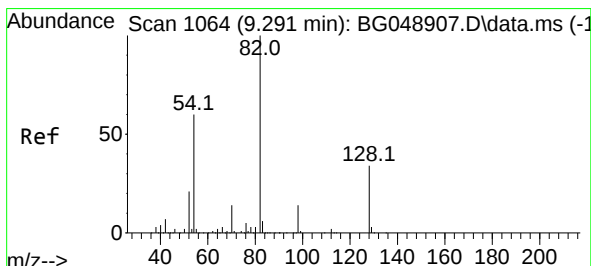
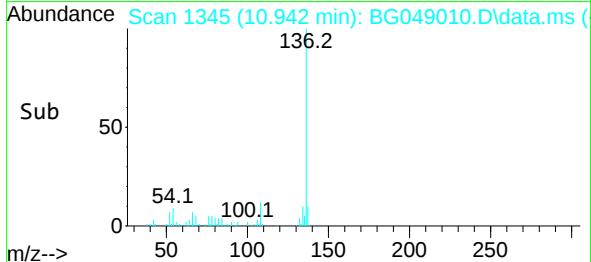
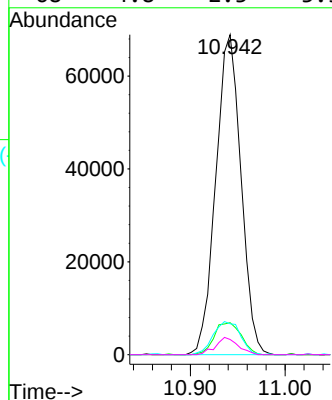
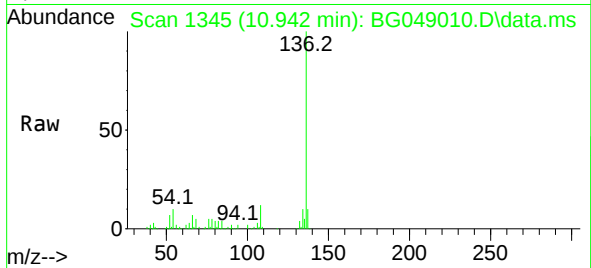




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 1345
Delta R.T. 0.002 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

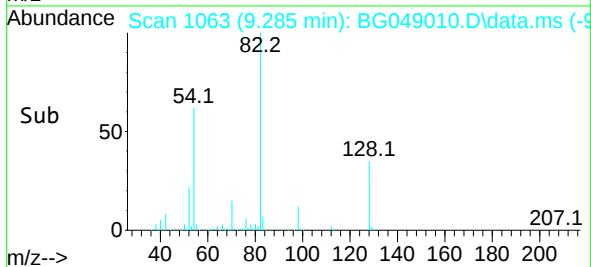
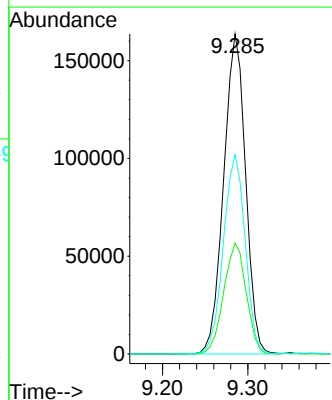
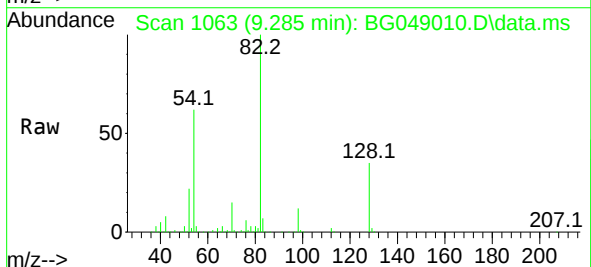
Instrument :
BNA_G
ClientSampleId :
SPLP-AMND-COMP-F(CL-05)

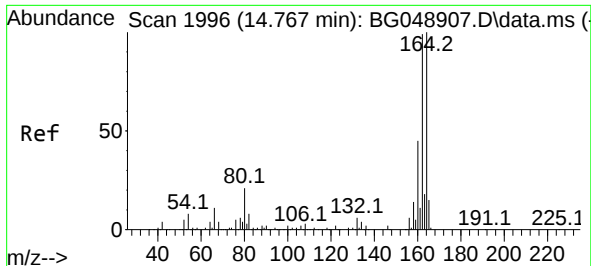
Tgt Ion:136	Resp:	127228
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.2 12.2
54	9.6	5.5 8.3#
68	4.8	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 99.192 ng
RT: 9.285 min Scan# 1063
Delta R.T. 0.002 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

Tgt Ion: 82	Resp:	292672
Ion Ratio	Lower	Upper
82	100	
128	34.6	29.8 44.6
54	62.2	45.8 68.8

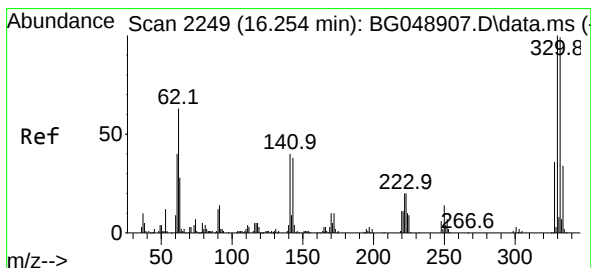
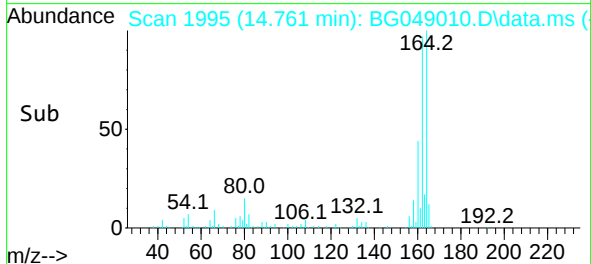
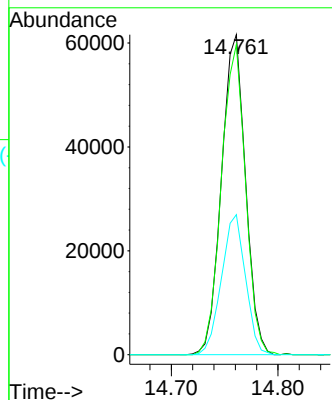
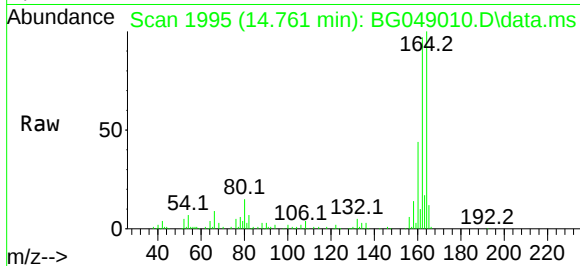




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.761 min Scan# 1995
Delta R.T. 0.002 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

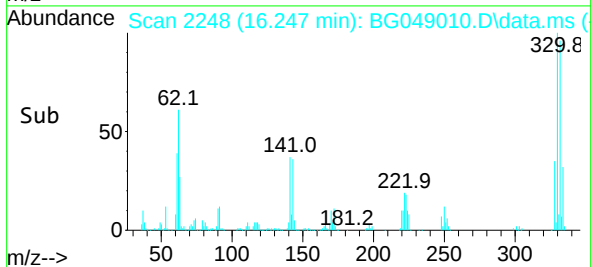
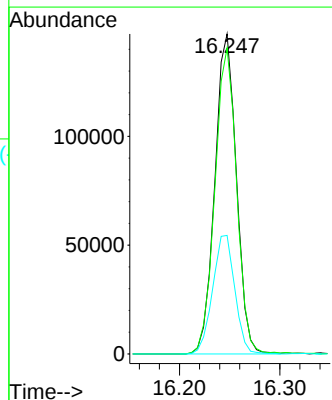
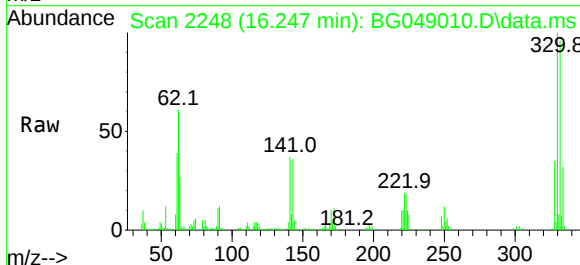
Instrument :
BNA_G
ClientSampleId :
SPLP-AMND-COMP-F(CL-05)

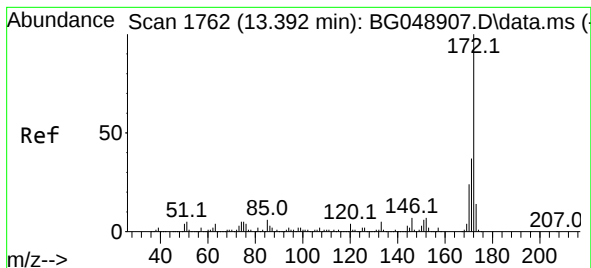
Tgt Ion:164 Resp: 96321
Ion Ratio Lower Upper
164 100
162 96.9 81.4 122.0
160 43.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 153.355 ng
RT: 16.247 min Scan# 2248
Delta R.T. 0.002 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

Tgt Ion:330 Resp: 218846
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 38.3 35.6 53.4

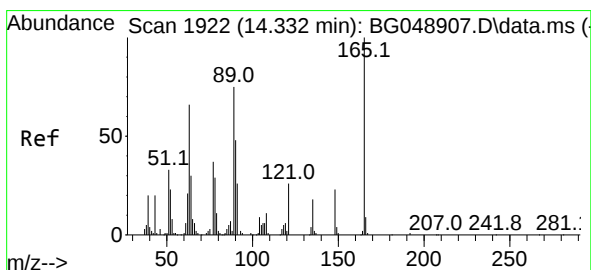
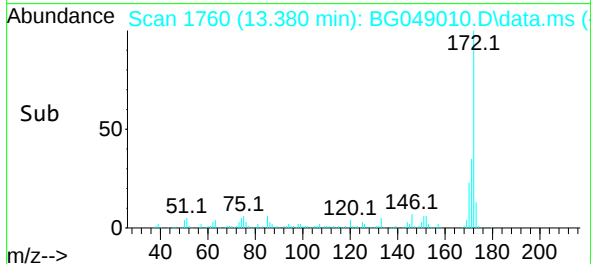
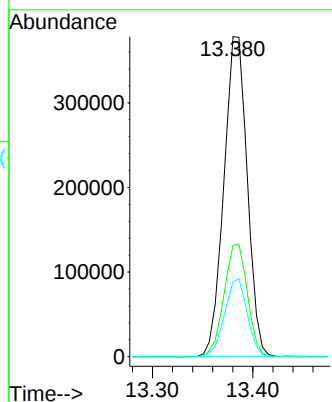
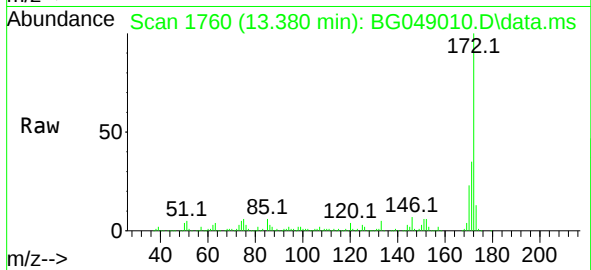




#45
2-Fluorobiphenyl
Concen: 89.653 ng
RT: 13.380 min Scan# 1760
Delta R.T. -0.004 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

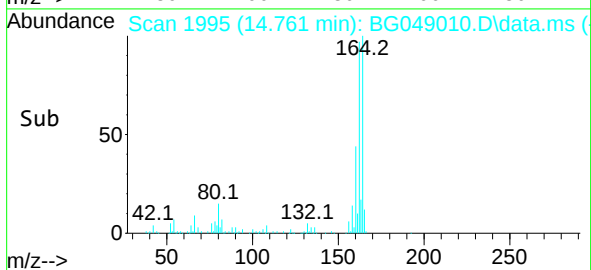
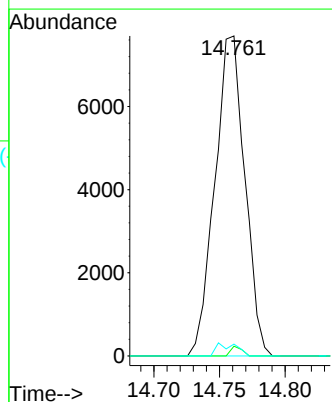
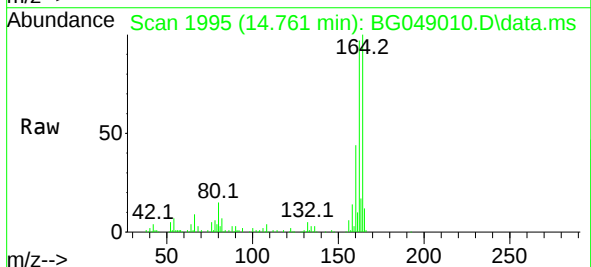
Instrument :
BNA_G
ClientSampleId :
SPLP-AMND-COMP-F(CL-05)

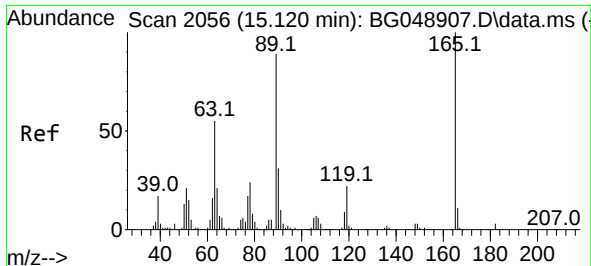
Tgt Ion:172 Resp: 611287
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.997 ng
RT: 14.761 min Scan# 1995
Delta R.T. 0.437 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

Tgt Ion:165 Resp: 12219
Ion Ratio Lower Upper
165 100
63 3.1 63.3 94.9#
89 3.7 63.4 95.0#

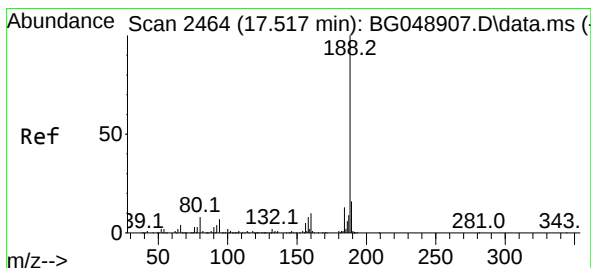
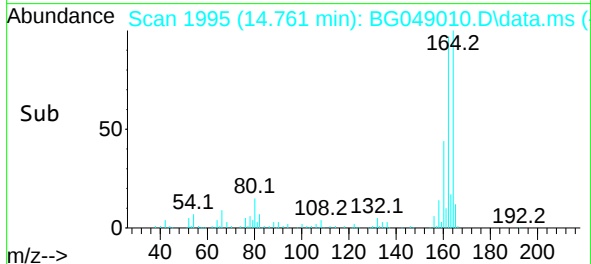
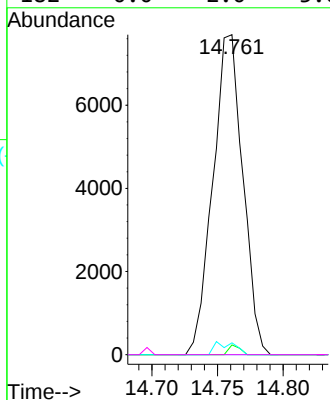
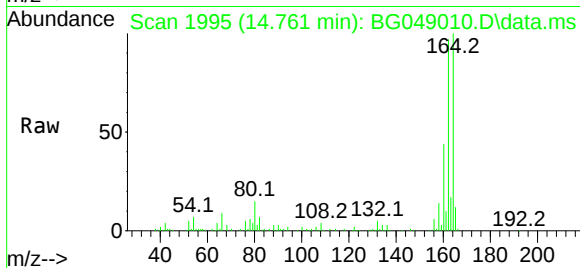




#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 14.761 min Scan# 1995
Delta R.T. -0.350 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

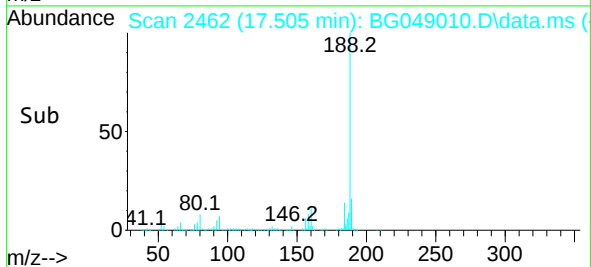
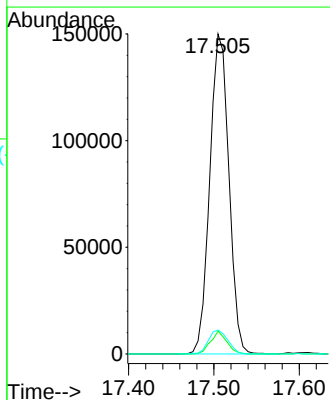
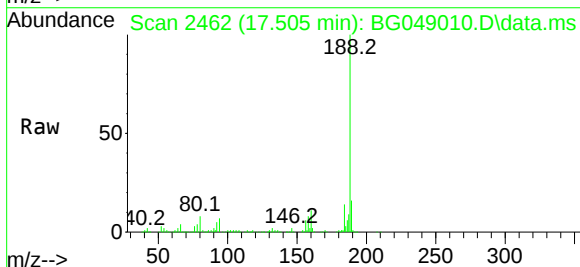
Instrument :
BNA_G
ClientSampleId :
SPLP-AMND-COMP-F(CL-05)

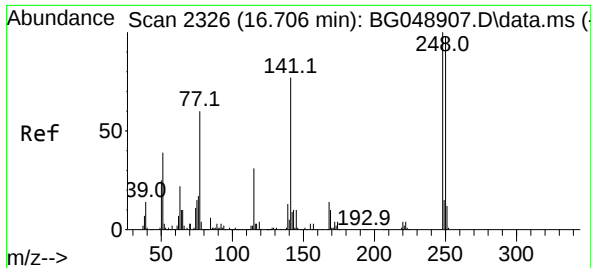
Tgt Ion:165	Resp:	12219
Ion Ratio	Lower	Upper
165	100	
63	3.1	48.0 72.0#
89	3.7	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.505 min Scan# 2462
Delta R.T. -0.004 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

Tgt Ion:188	Resp:	233132
Ion Ratio	Lower	Upper
188	100	
94	7.1	5.4 8.0
80	7.5	3.7 5.5#

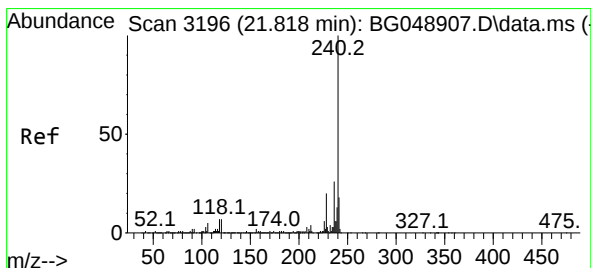
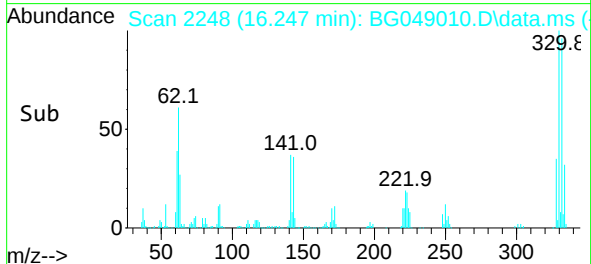
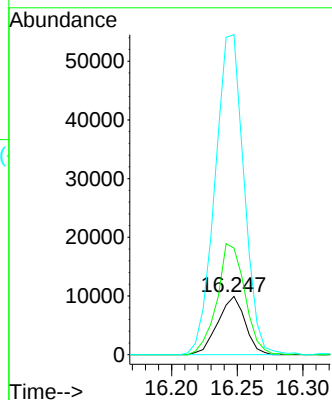
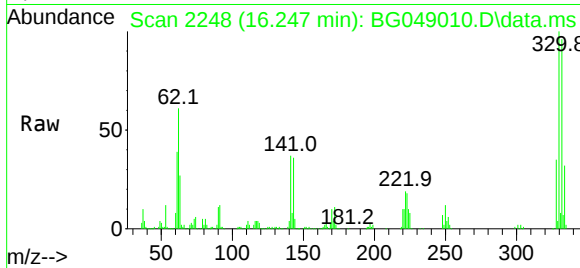




#67
4-Bromophenyl-phenylether
Concen: 4.921 ng
RT: 16.247 min Scan# 2248
Delta R.T. -0.444 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

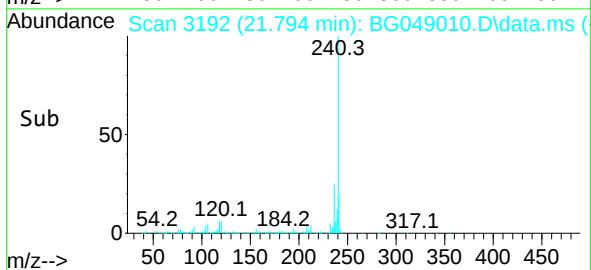
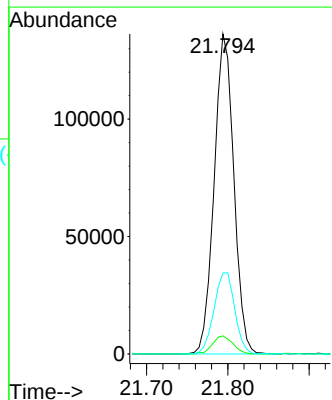
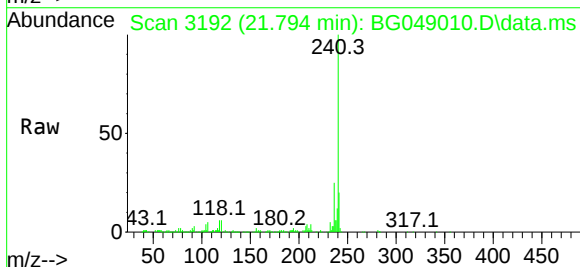
Instrument :
BNA_G
ClientSampleId :
SPLP-AMND-COMP-F(CL-05)

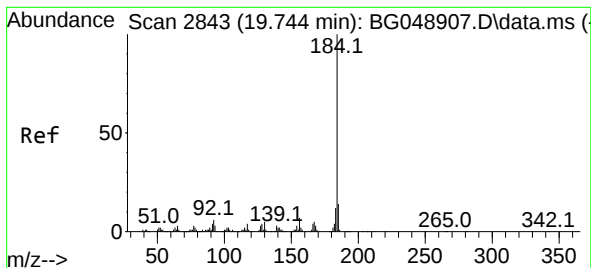
Tgt Ion:248 Resp: 14325
Ion Ratio Lower Upper
248 100
250 182.8 76.1 114.1#
141 549.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.794 min Scan# 3192
Delta R.T. -0.004 min
Lab File: BG049010.D
Acq: 17 Jun 2021 11:38

Tgt Ion:240 Resp: 229015
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 25.3 21.8 32.6





#77

Benzidine

Concen: 4.988 ng

RT: 20.113 min Scan# 2906

Delta R.T. 0.384 min

Lab File: BG049010.D

Acq: 17 Jun 2021 11:38

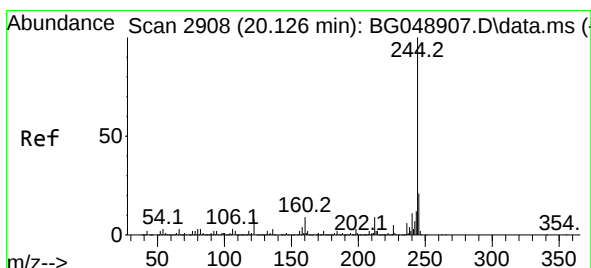
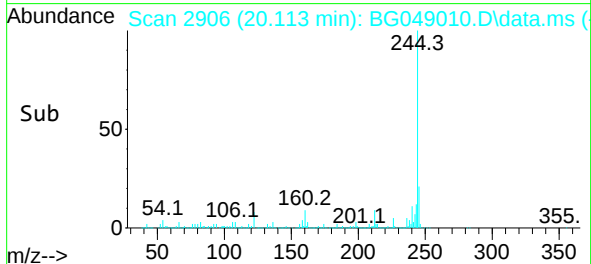
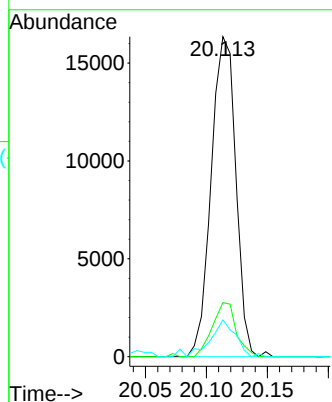
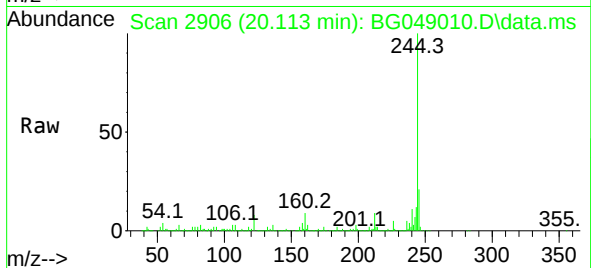
Tgt Ion:184 Resp: 23010
 Ion Ratio Lower Upper
 184 100
 185 16.9 10.7 16.1#
 183 11.5 9.4 14.0

Instrument :

BNA_G

ClientSampleId :

SPLP-AMND-COMP-F(CL-05)



#79

Terphenyl-d14

Concen: 92.224 ng

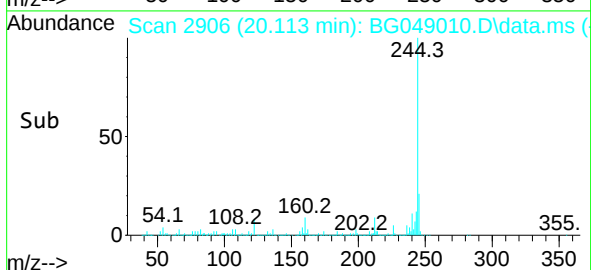
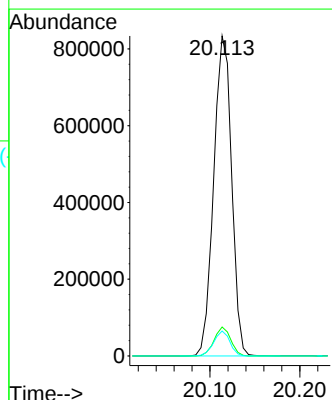
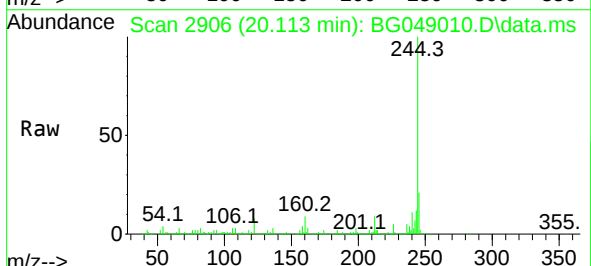
RT: 20.113 min Scan# 2906

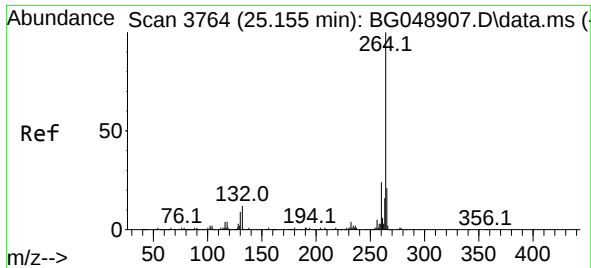
Delta R.T. 0.002 min

Lab File: BG049010.D

Acq: 17 Jun 2021 11:38

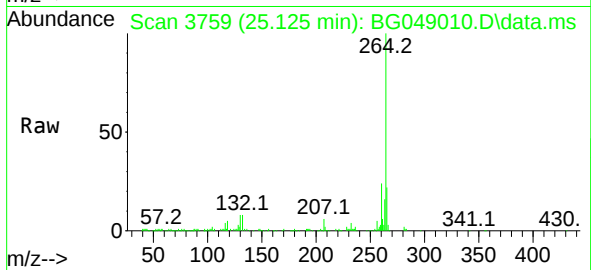
Tgt Ion:244 Resp: 1153248
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 7.8 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.125 min Scan# 3759
 Delta R.T. -0.004 min
 Lab File: BG049010.D
 Acq: 17 Jun 2021 11:38

Instrument :
 BNA_G
ClientSampleId :
 SPLP-AMND-COMP-F(CL-05)



Tgt Ion:264	Resp: 244941
Ion Ratio	Lower Upper
264	100
260	24.3 19.4 29.2
265	21.9 16.9 25.3

