

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072121\
 Data File : BG049402.D
 Acq On : 21 Jul 2021 17:22
 Operator : CG/JU
 Sample : PB137815BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137815BL

Quant Time: Jul 21 18:06:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:57:05 2021
 Response via : Initial Calibration

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

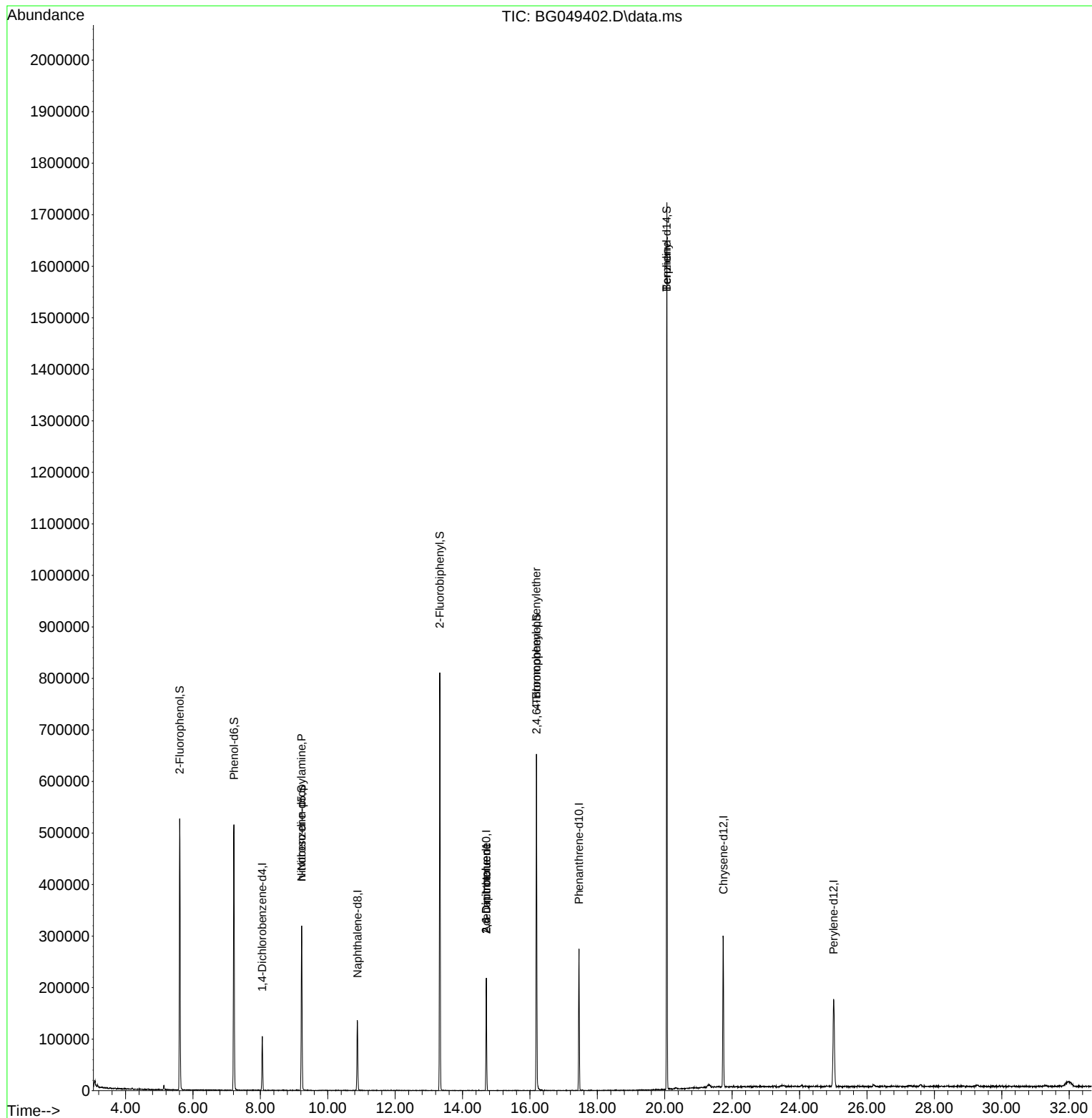
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	28760	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	112135	20.000	ng	# 0.00
39) Acenaphthene-d10	14.705	164	75675	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	168139	20.000	ng	# 0.00
76) Chrysene-d12	21.737	240	190906	20.000	ng	0.00
86) Perylene-d12	25.009	264	193685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	209687	123.699	ng	0.00
7) Phenol-d6	7.215	99	281636	114.080	ng	0.00
23) Nitrobenzene-d5	9.224	82	198912	79.477	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	120529	118.932	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	409093	77.787	ng	0.00
79) Terphenyl-d14	20.063	244	771582	78.932	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.224	70	29302	18.064	ng	# 66
51) 2,6-Dinitrotoluene	14.705	165	9750	8.168	ng	# 12
57) 2,4-Dinitrotoluene	14.705	165	9750	5.910	ng	# 17
67) 4-Bromophenyl-phenylether	16.192	248	6859	3.602	ng	# 1
77) Benzidine	20.063	184	13896	2.630	ng	# 92

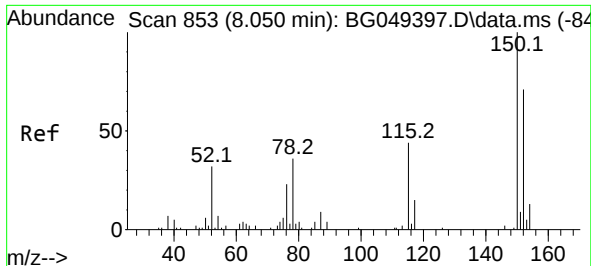
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072121\
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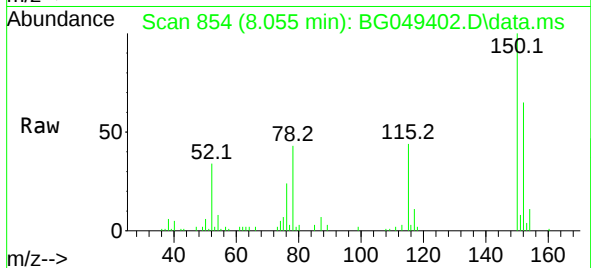
Quant Time: Jul 21 18:06:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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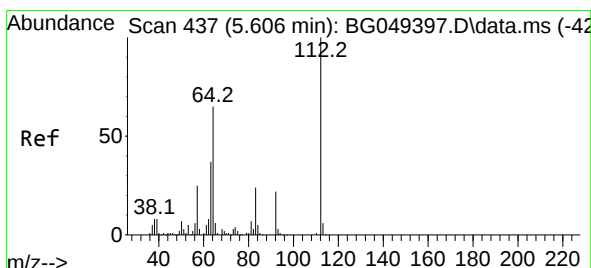
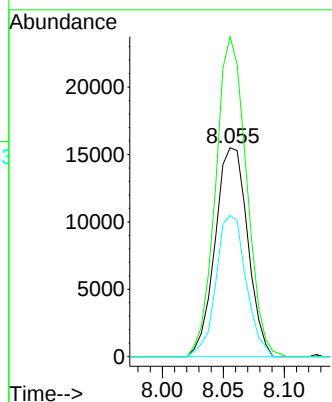
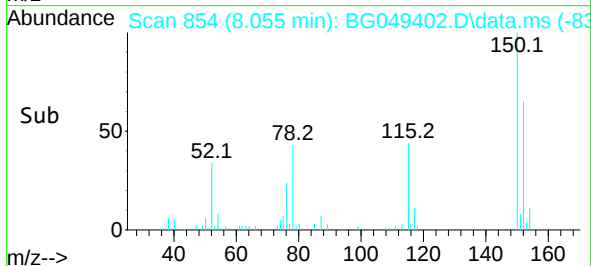


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.055 min Scan# 854
Delta R.T. 0.005 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

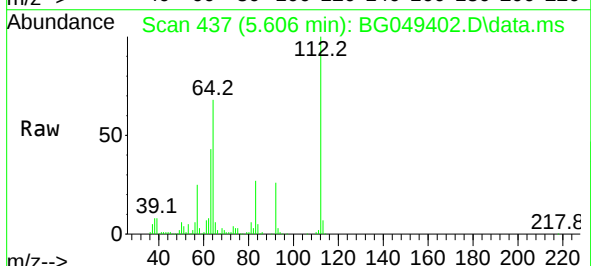
Instrument :
BNA_G
ClientSampleId :
PB137815BL



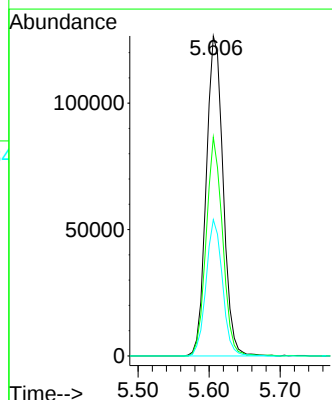
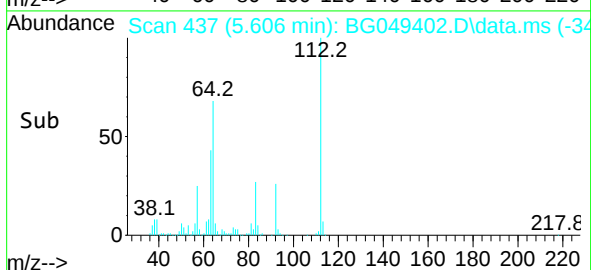
Tgt Ion:152 Resp: 28760
Ion Ratio Lower Upper
152 100
150 153.2 119.4 179.0
115 67.6 60.2 90.4

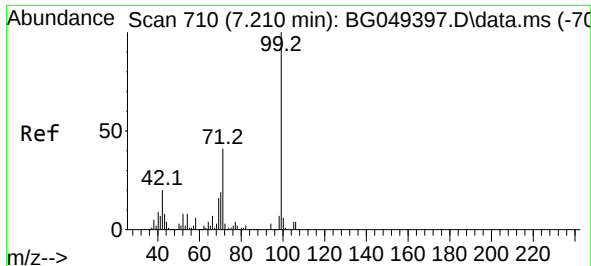


#5
2-Fluorophenol
Concen: 123.699 ng
RT: 5.606 min Scan# 437
Delta R.T. -0.000 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22



Tgt Ion:112 Resp: 209687
Ion Ratio Lower Upper
112 100
64 68.4 46.7 70.1
63 42.6 35.3 52.9

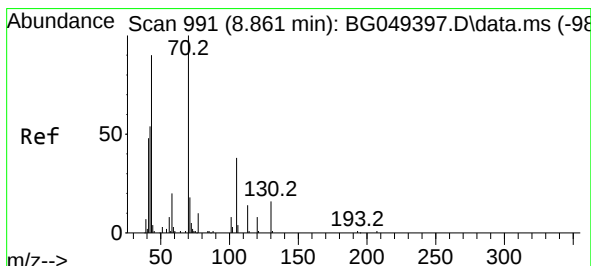
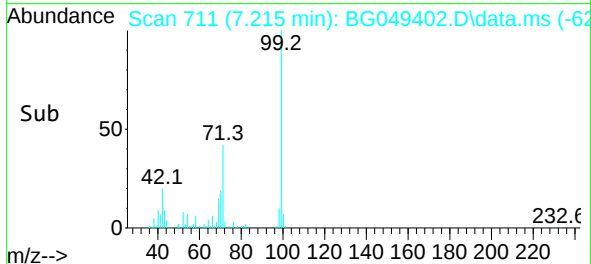
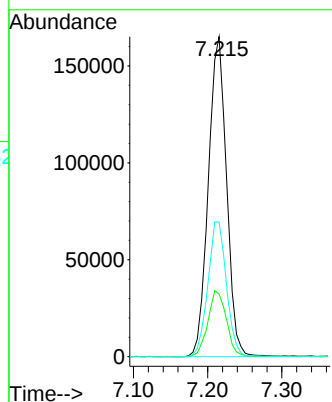
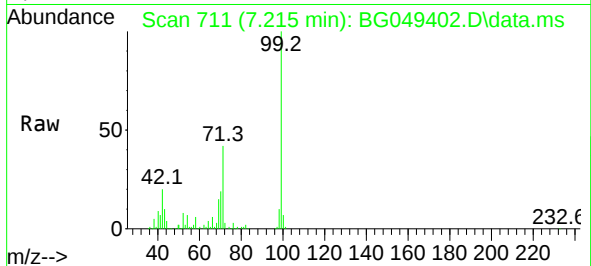




#7
Phenol-d6
Concen: 114.080 ng
RT: 7.215 min Scan# 711
Delta R.T. 0.006 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

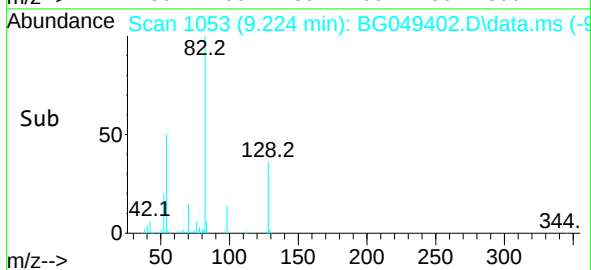
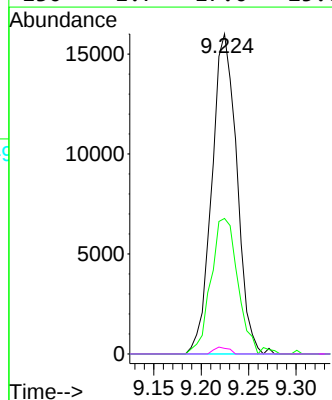
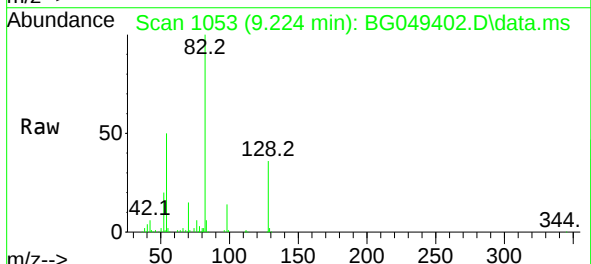
Instrument :
BNA_G
ClientSampleId :
PB137815BL

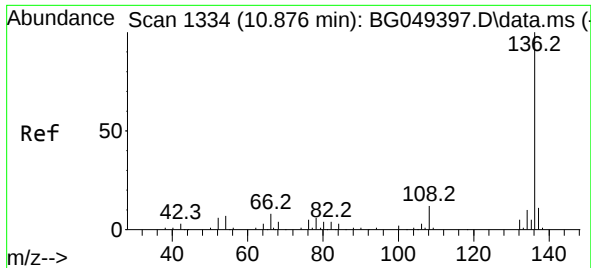
Tgt Ion: 99 Resp: 281636
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7#
71 42.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.064 ng
RT: 9.224 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

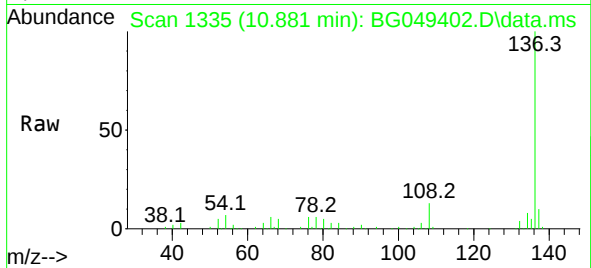
Tgt Ion: 70 Resp: 29302
Ion Ratio Lower Upper
70 100
42 42.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



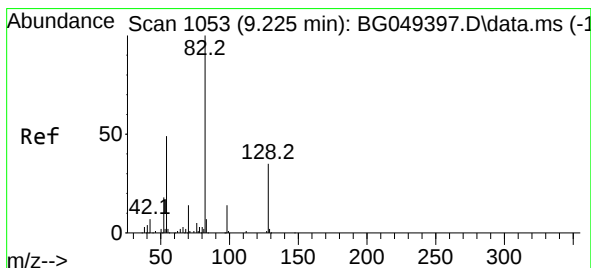
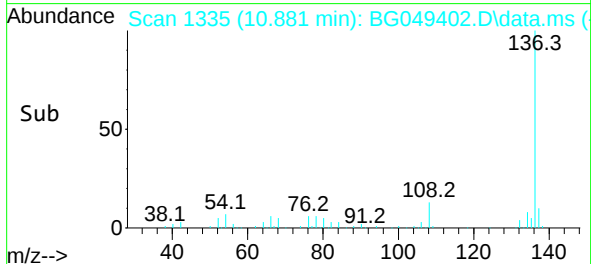
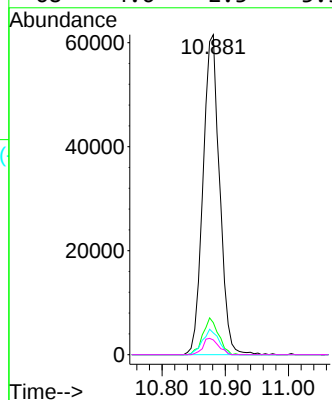


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 1335
Delta R.T. 0.005 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

Instrument :
BNA_G
ClientSampleId :
PB137815BL

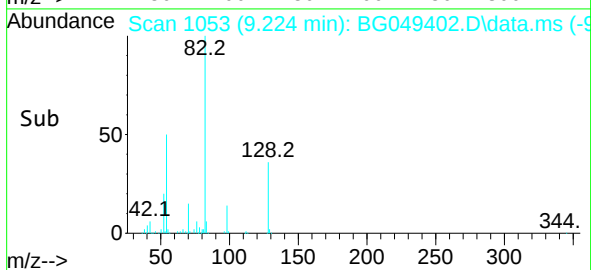
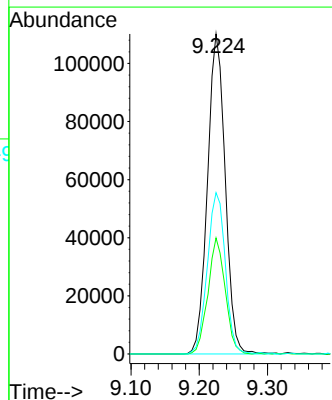
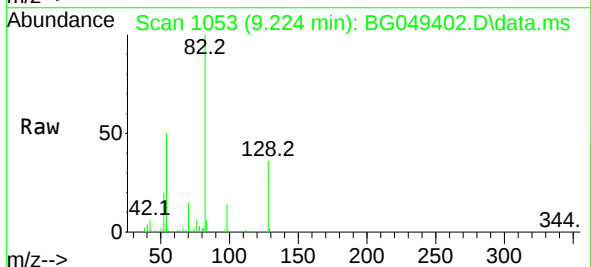


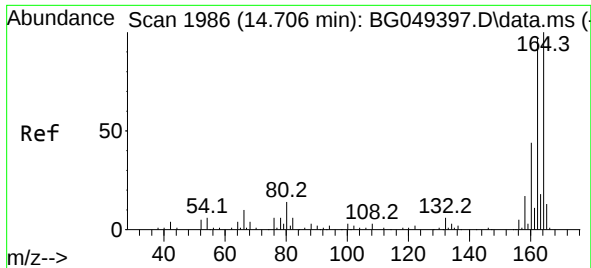
Tgt Ion:136 Resp: 112135
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 6.8 5.5 8.3
68 4.6 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 79.477 ng
RT: 9.224 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

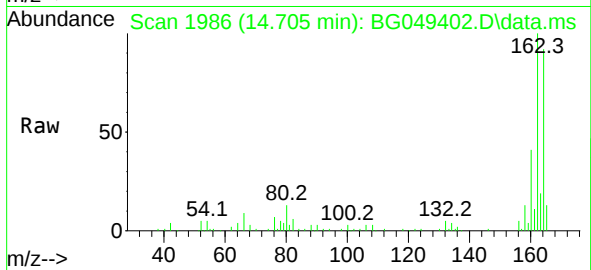
Tgt Ion: 82 Resp: 198912
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 50.4 45.8 68.8



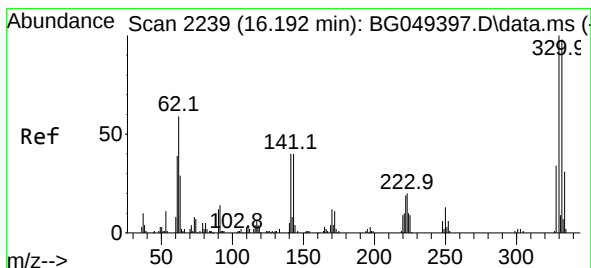
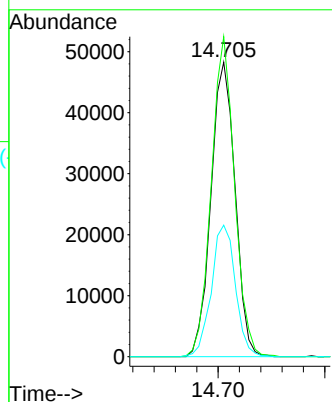
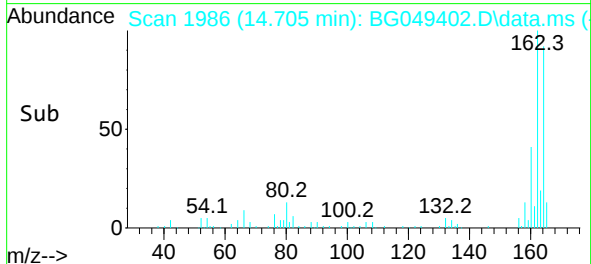


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.705 min Scan# 1986
Delta R.T. -0.001 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

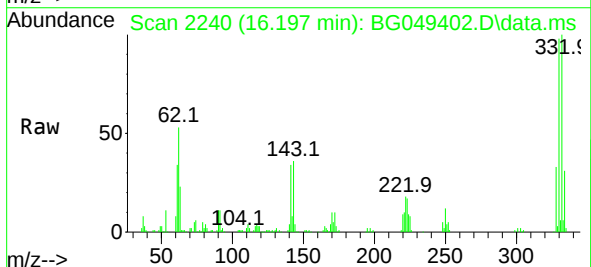
Instrument :
BNA_G
ClientSampleId :
PB137815BL



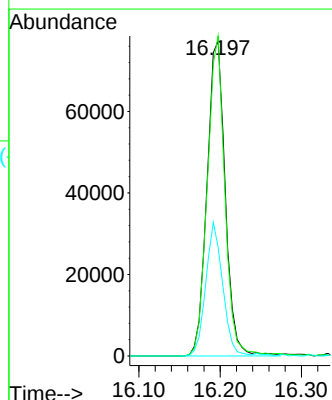
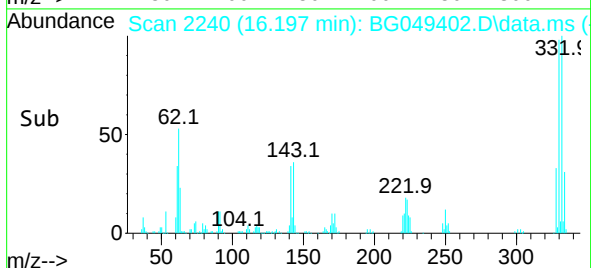
Tgt Ion:164 Resp: 75675
Ion Ratio Lower Upper
164 100
162 108.6 81.4 122.0
160 44.6 34.9 52.3

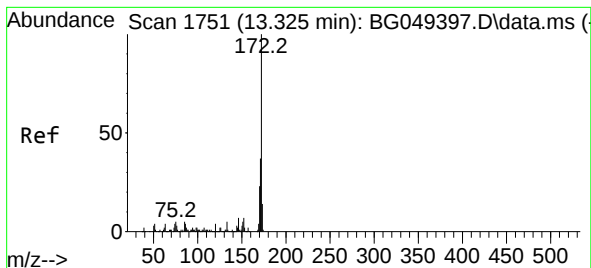


#42
2,4,6-Tribromophenol
Concen: 118.932 ng
RT: 16.197 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22



Tgt Ion:330 Resp: 120529
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 39.2 35.6 53.4

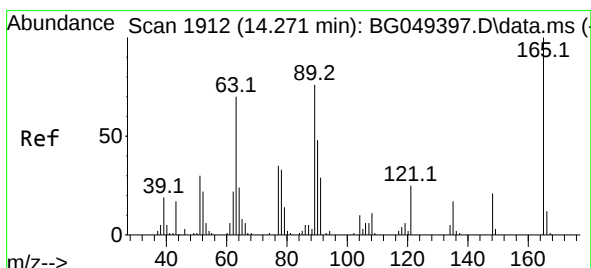
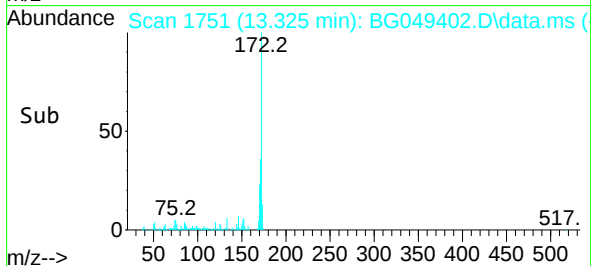
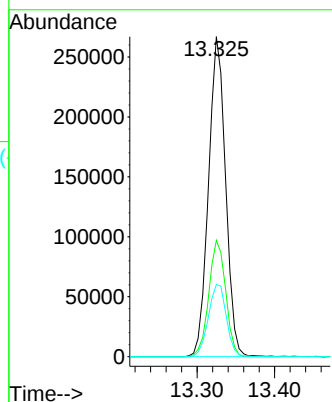
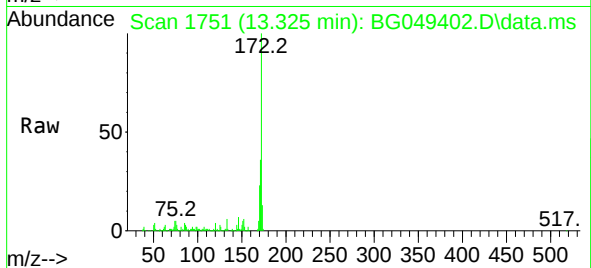




#45
2-Fluorobiphenyl
Concen: 77.787 ng
RT: 13.325 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

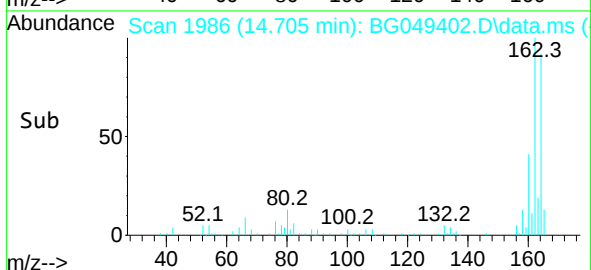
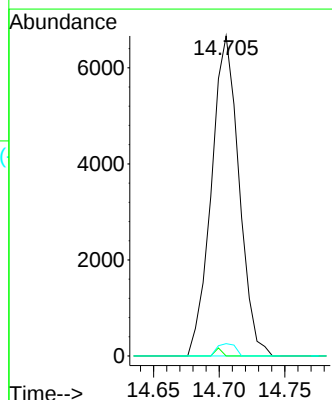
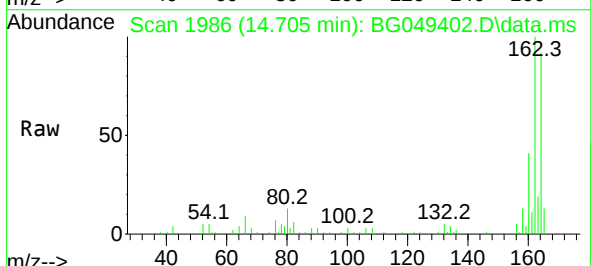
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ClientSampleId :
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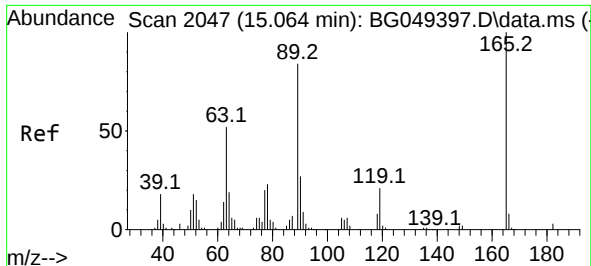
Tgt Ion:172 Resp: 409093
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.168 ng
RT: 14.705 min Scan# 1986
Delta R.T. 0.434 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

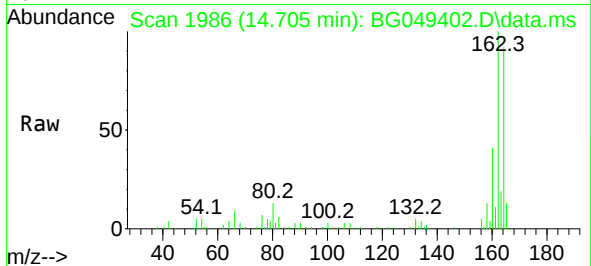
Tgt Ion:165 Resp: 9750
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.9 63.4 95.0#



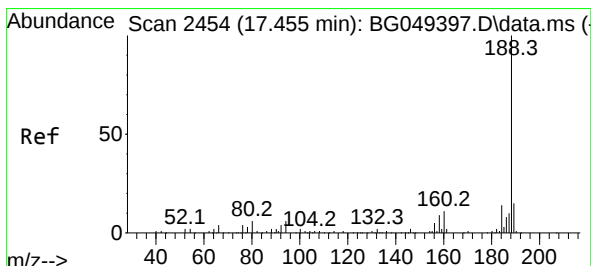
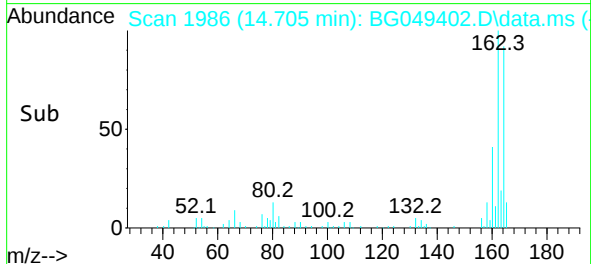
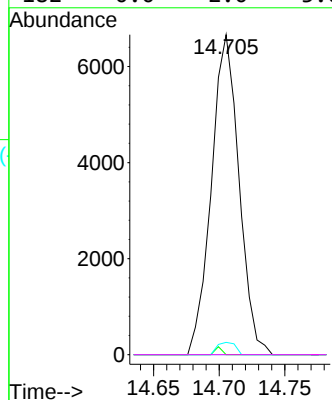


#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 14.705 min Scan# 1986
Delta R.T. -0.359 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

Instrument :
BNA_G
ClientSampleId :
PB137815BL

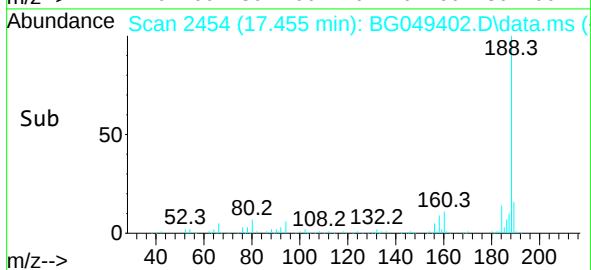
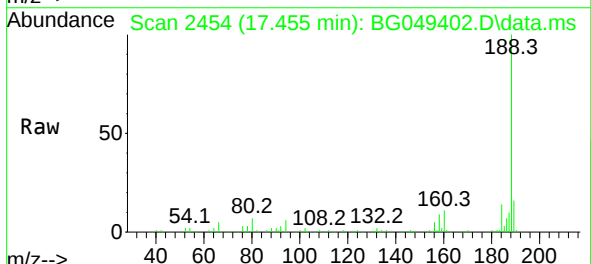
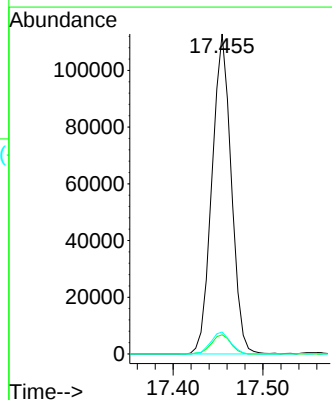


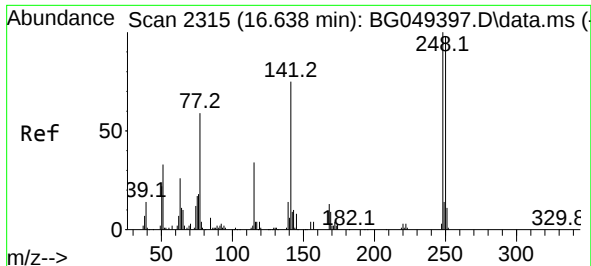
Tgt Ion:	165	Resp:	9750
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.0	72.0#
89	3.9	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.455 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

Tgt Ion:	188	Resp:	168139
Ion Ratio	Lower	Upper	
188	100		
94	6.0	5.4	8.0
80	6.9	3.7	5.5#

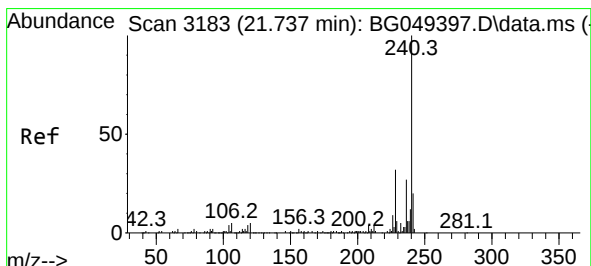
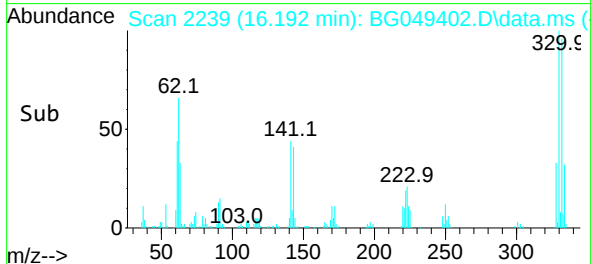
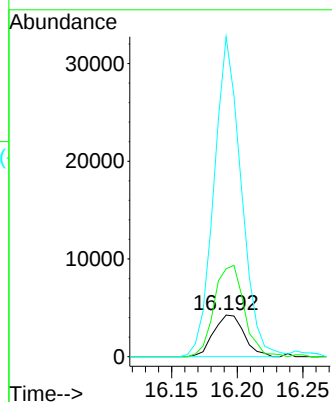
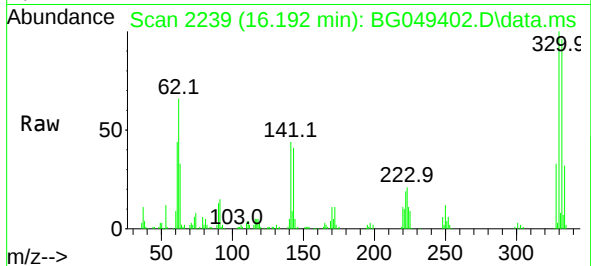




#67
4-Bromophenyl-phenylether
Concen: 3.602 ng
RT: 16.192 min Scan# 2239
Delta R.T. -0.447 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

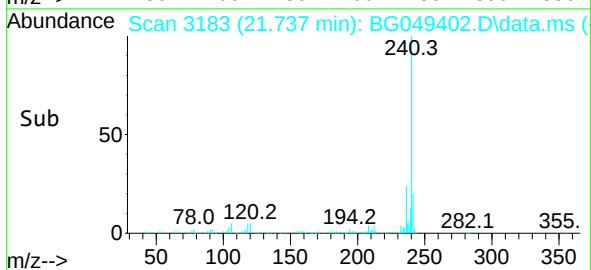
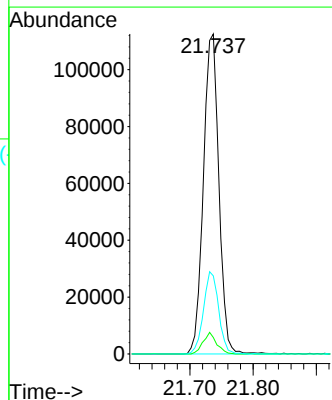
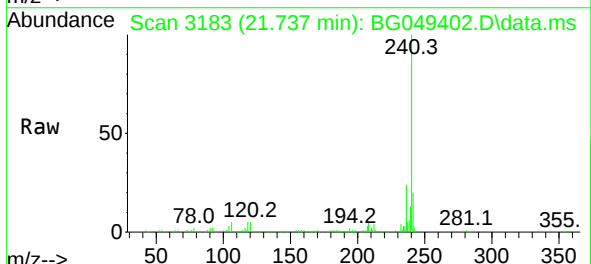
Instrument :
BNA_G
ClientSampled :
PB137815BL

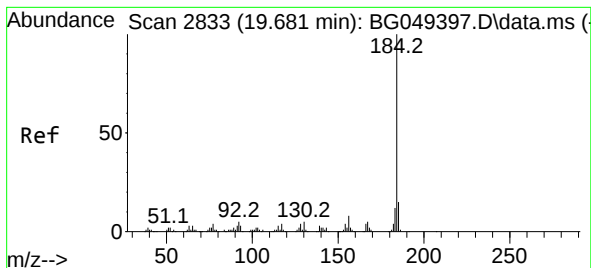
Tgt Ion:248 Resp: 6859
Ion Ratio Lower Upper
248 100
250 211.2 76.1 114.1#
141 769.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BG049402.D
Acq: 21 Jul 2021 17:22

Tgt Ion:240 Resp: 190906
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 24.4 21.8 32.6





#77

Benzidine

Concen: 2.630 ng

RT: 20.063 min Scan# 2898

Delta R.T. 0.382 min

Lab File: BG049402.D

Acq: 21 Jul 2021 17:22

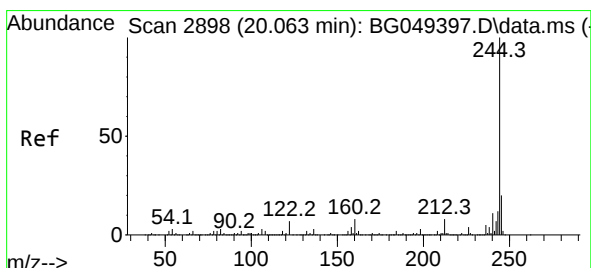
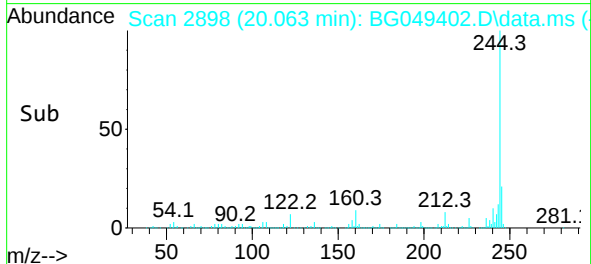
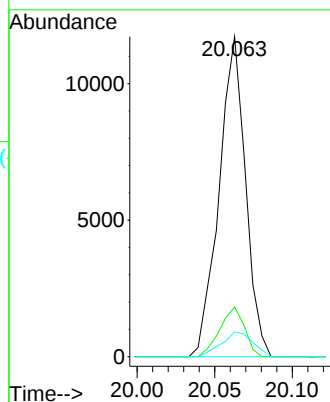
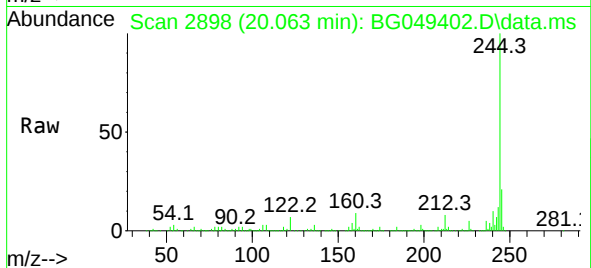
Instrument :

BNA_G

ClientSampleId :

PB137815BL

Tgt Ion:184 Resp: 13896
 Ion Ratio Lower Upper
 184 100
 185 15.5 10.7 16.1
 183 7.8 9.4 14.0#



#79

Terphenyl-d14

Concen: 78.932 ng

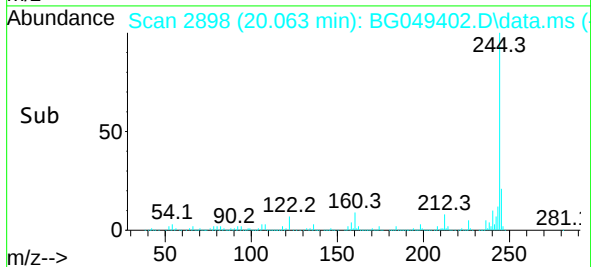
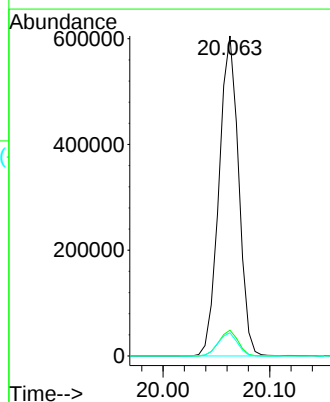
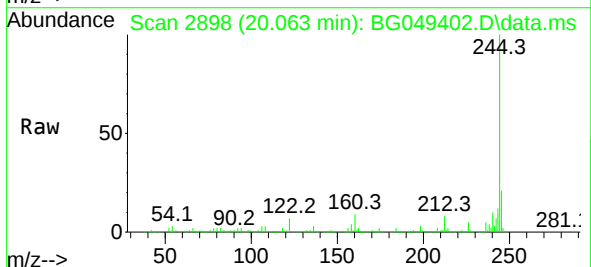
RT: 20.063 min Scan# 2898

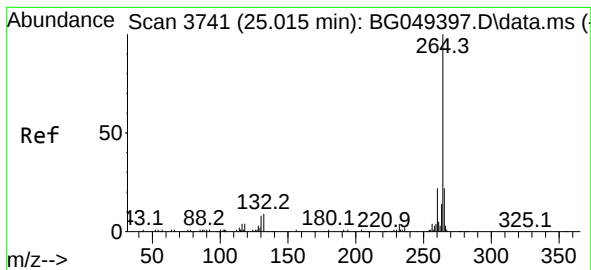
Delta R.T. -0.000 min

Lab File: BG049402.D

Acq: 21 Jul 2021 17:22

Tgt Ion:244 Resp: 771582
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 7.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.009 min Scan# 3740
 Delta R.T. -0.006 min
 Lab File: BG049402.D
 Acq: 21 Jul 2021 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB137815BL

Tgt Ion:264 Resp: 193685
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 20.6 16.9 25.3

