

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049842.D
 Acq On : 13 Aug 2021 20:05
 Operator : CG/JU
 Sample : M3343-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20210544-COM-17

Quant Time: Aug 14 02:31:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

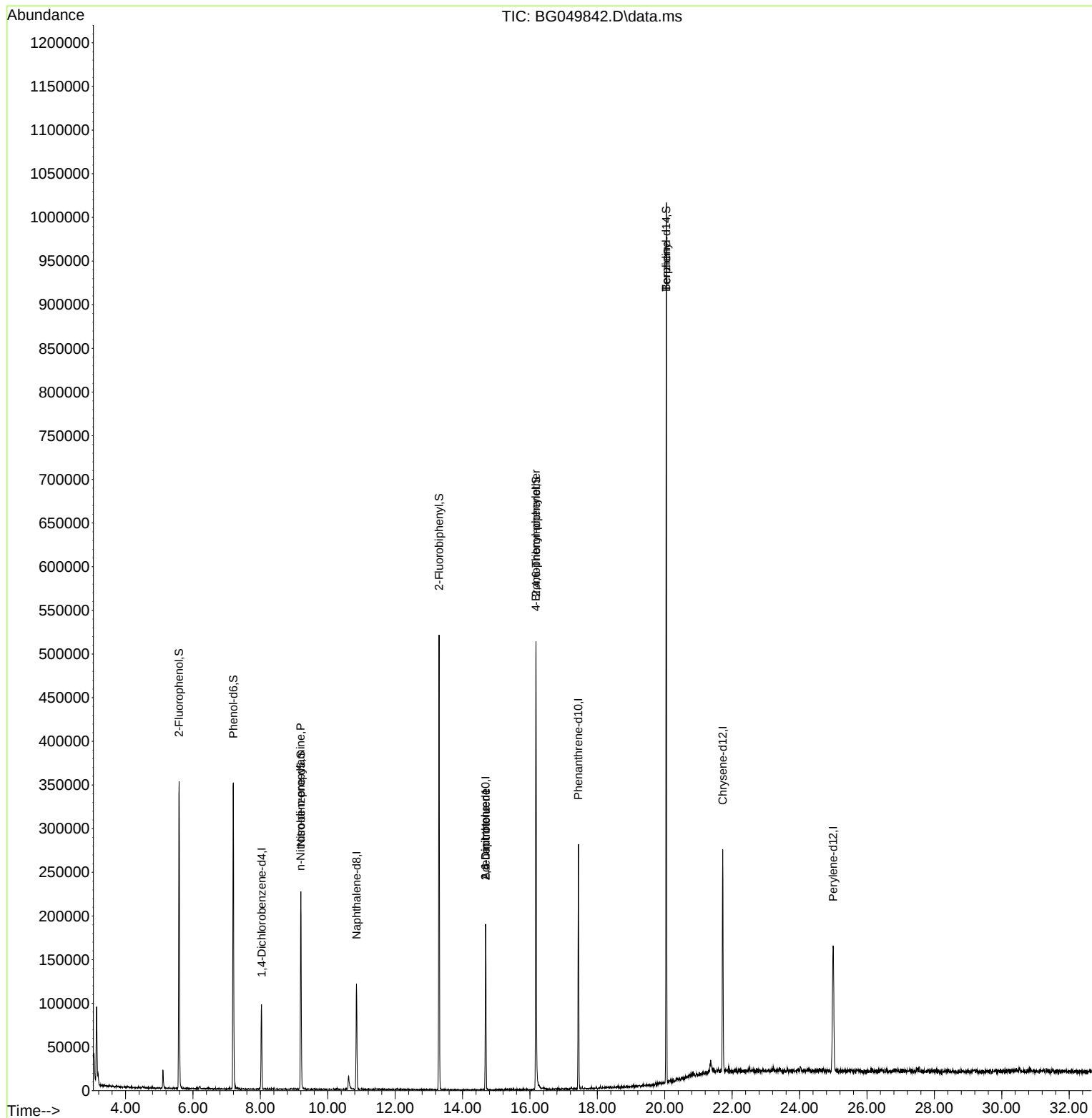
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	27376	20.00	ng	# 0.00
21) Naphthalene-d8	10.852	136	101540	20.00	ng	#-0.01
39) Acenaphthene-d10	14.682	164	71749	20.00	ng	-0.01
64) Phenanthrene-d10	17.437	188	164176	20.00	ng	# 0.00
76) Chrysene-d12	21.720	240	152274	20.00	ng	0.00
86) Perylene-d12	24.998	264	157241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.589	112	145070	94.99	ng	0.00
7) Phenol-d6	7.198	99	195064	84.38	ng	0.00
23) Nitrobenzene-d5	9.201	82	140710	61.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.180	330	109976	104.28	ng	0.00
45) 2-Fluorobiphenyl	13.302	172	263186	53.37	ng	-0.01
79) Terphenyl-d14	20.046	244	457928	54.62	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.196	70	21546	13.93	ng	# 69
51) 2,6-Dinitrotoluene	14.682	165	8852	7.43	ng	# 10
57) 2,4-Dinitrotoluene	14.682	165	8852	5.29	ng	# 15
67) 4-Bromophenyl-phenylether	16.174	248	6494	3.36	ng	# 1
77) Benzidine	20.046	184	9367	2.40	ng	# 95

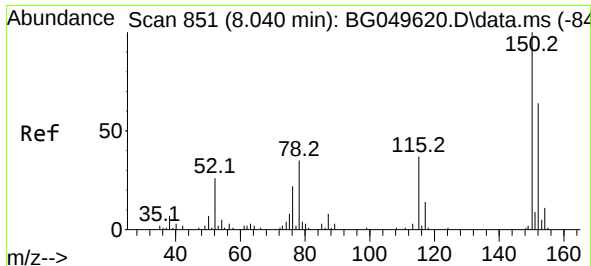
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
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QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

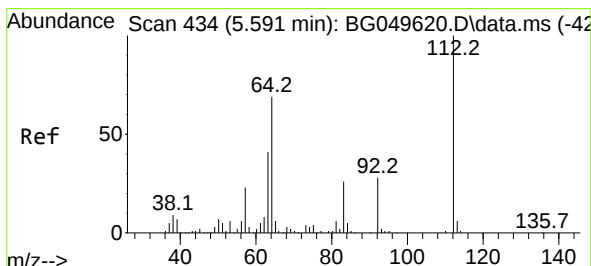
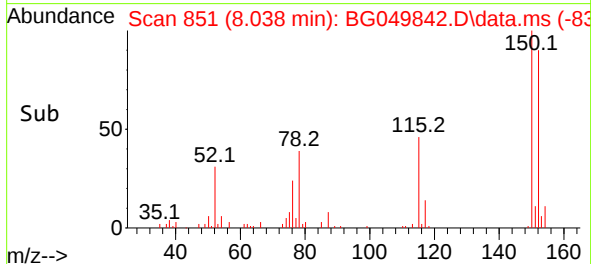
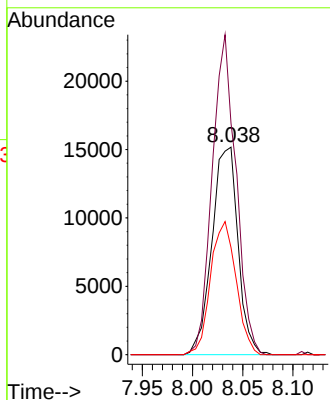
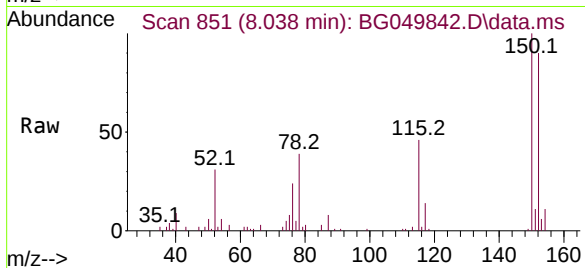




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.038 min Scan# 851
Delta R.T. -0.002 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

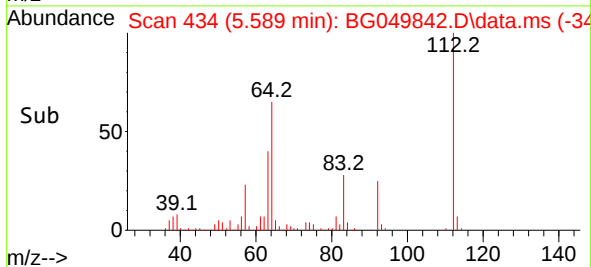
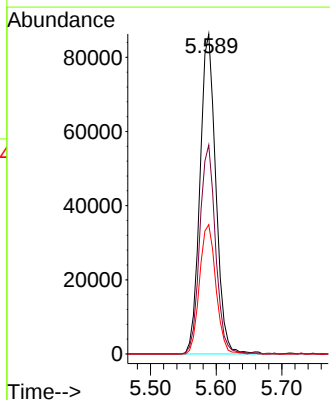
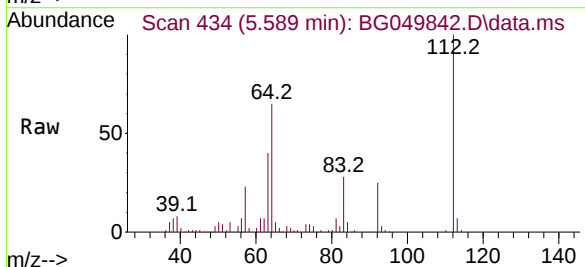
Instrument :
BNA_G
ClientSampleId :
20210544-COM-17

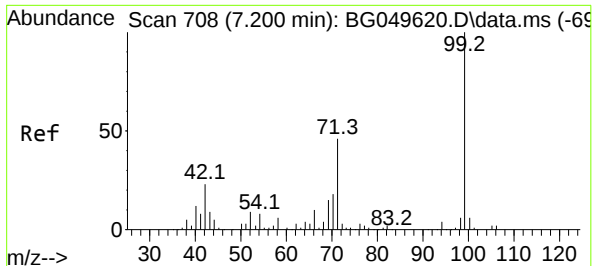
Tgt Ion:152 Resp: 27376
Ion Ratio Lower Upper
152 100
150 111.6 119.4 179.0#
115 51.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 94.99 ng
RT: 5.589 min Scan# 434
Delta R.T. -0.002 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:112 Resp: 145070
Ion Ratio Lower Upper
112 100
64 65.3 46.7 70.1
63 40.4 35.3 52.9

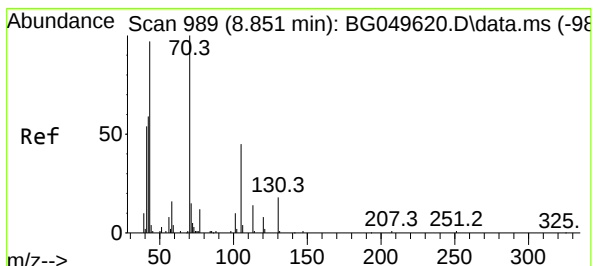
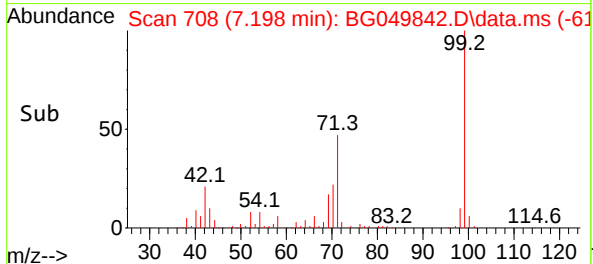
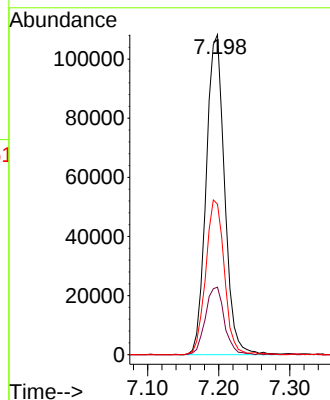
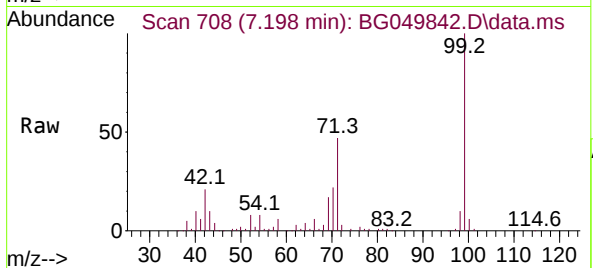




#7
Phenol-d6
Concen: 84.38 ng
RT: 7.198 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

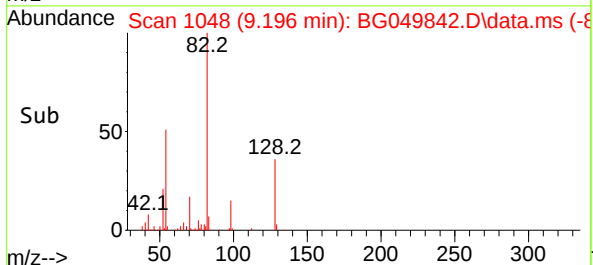
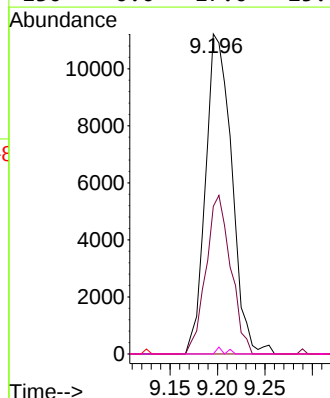
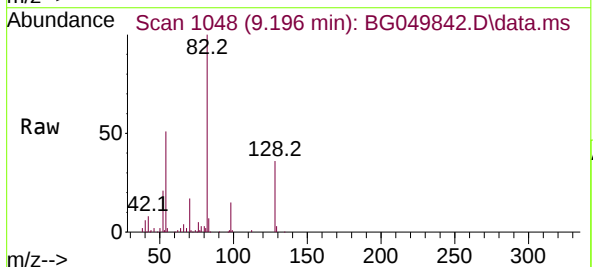
Instrument :
BNA_G
ClientSampleId :
20210544-COM-17

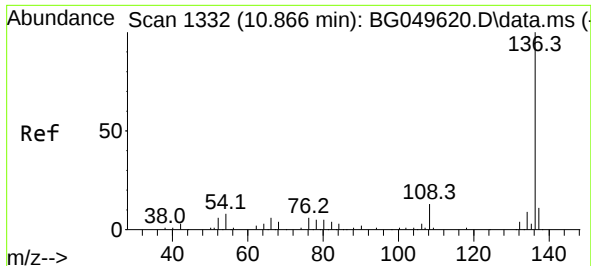
Tgt Ion: 99 Resp: 195064
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 47.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.93 ng
RT: 9.196 min Scan# 1048
Delta R.T. 0.345 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

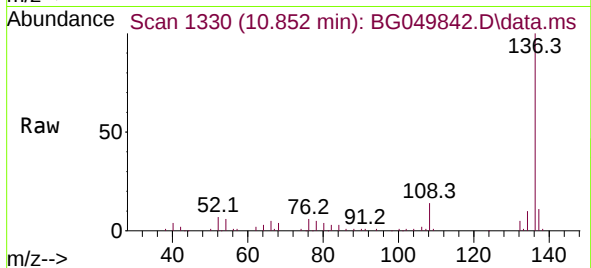
Tgt Ion: 70 Resp: 21546
Ion Ratio Lower Upper
70 100
42 46.2 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



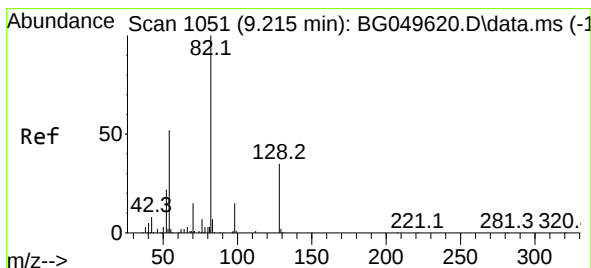
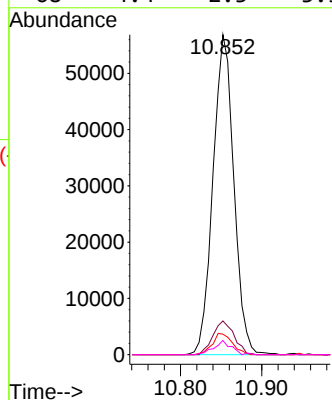
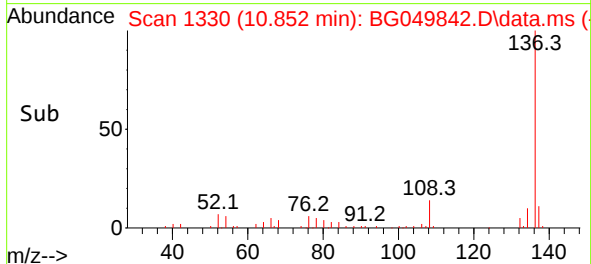


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.852 min Scan# 1330
Delta R.T. -0.014 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

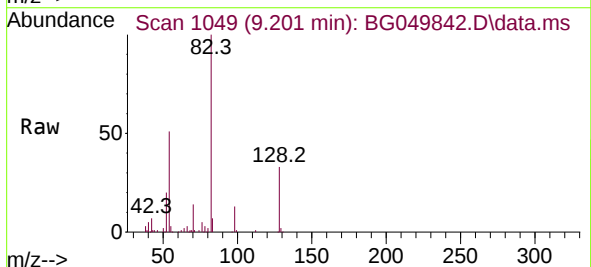
Instrument :
BNA_G
ClientSampleId :
20210544-COM-17



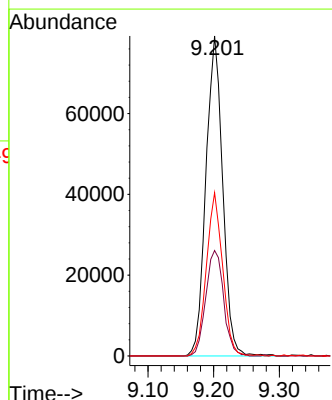
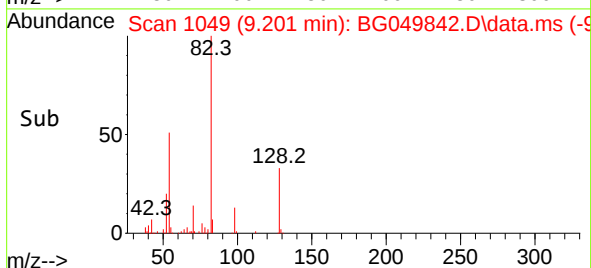
Tgt Ion:136 Resp: 101540
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 6.4 5.5 8.3
68 4.4 2.3 3.5#

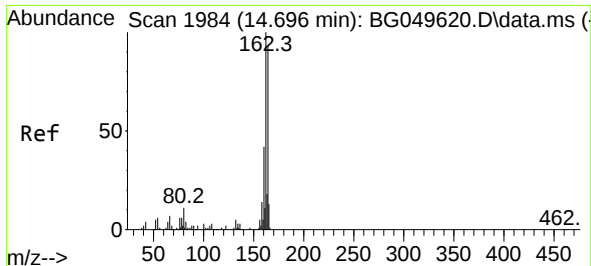


#23
Nitrobenzene-d5
Concen: 61.32 ng
RT: 9.201 min Scan# 1049
Delta R.T. -0.014 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05



Tgt Ion: 82 Resp: 140710
Ion Ratio Lower Upper
82 100
128 32.9 29.8 44.6
54 51.0 45.8 68.8

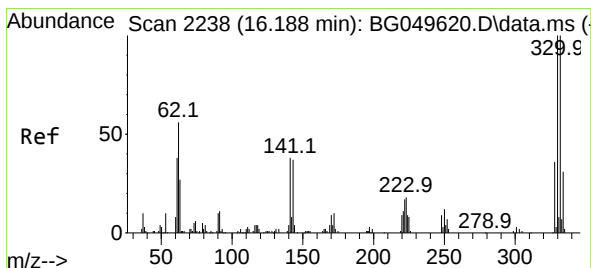
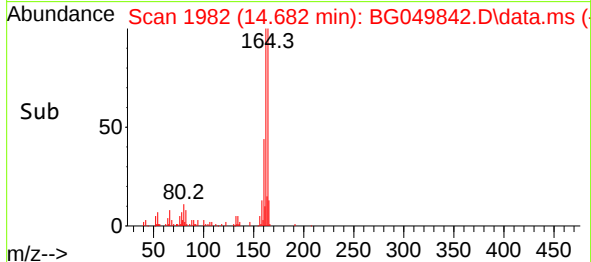
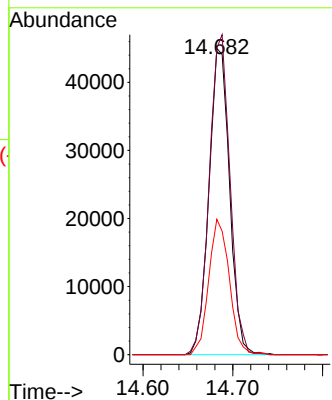
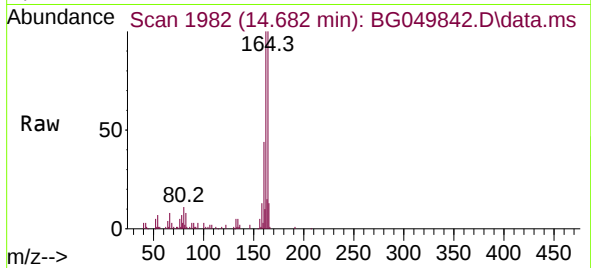




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.014 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

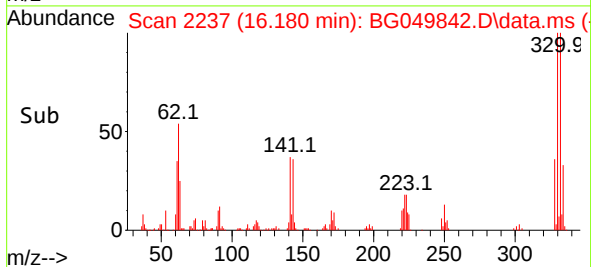
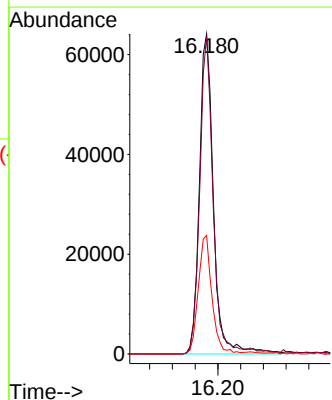
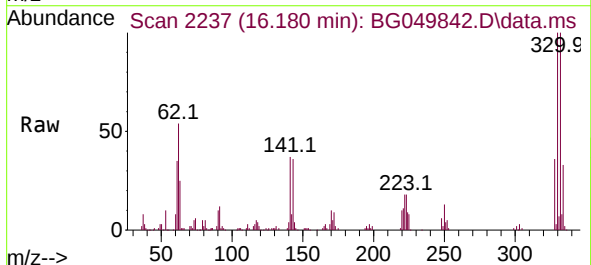
Instrument :
BNA_G
ClientSampleId :
20210544-COM-17

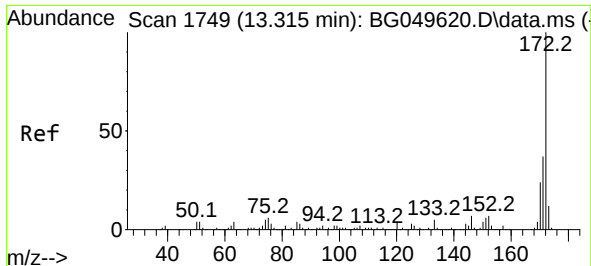
Tgt Ion:164 Resp: 71749
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 44.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 104.28 ng
RT: 16.180 min Scan# 2237
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:330 Resp: 109976
Ion Ratio Lower Upper
330 100
332 93.1 77.3 115.9
141 36.3 35.6 53.4

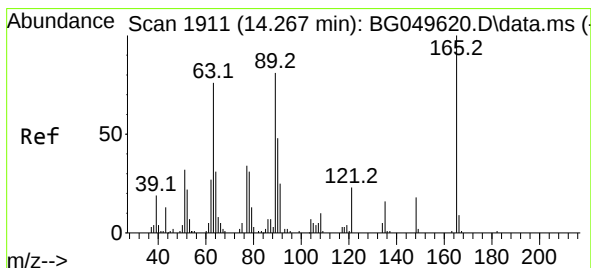
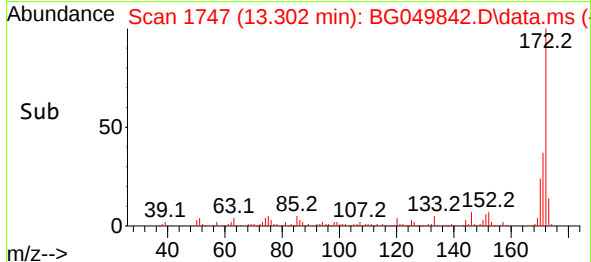
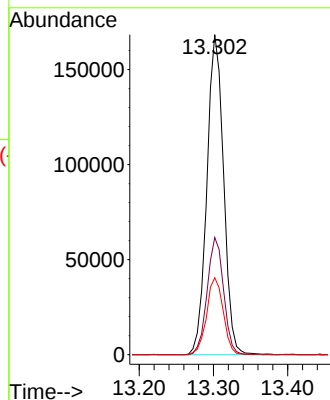
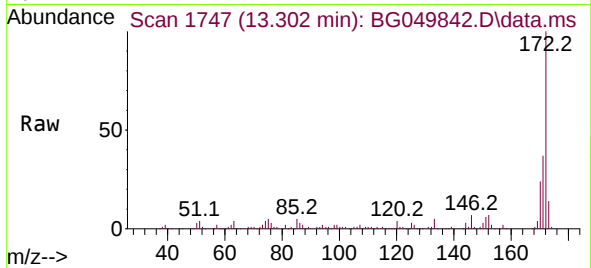




#45
2-Fluorobiphenyl
Concen: 53.37 ng
RT: 13.302 min Scan# 1747
Delta R.T. -0.014 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

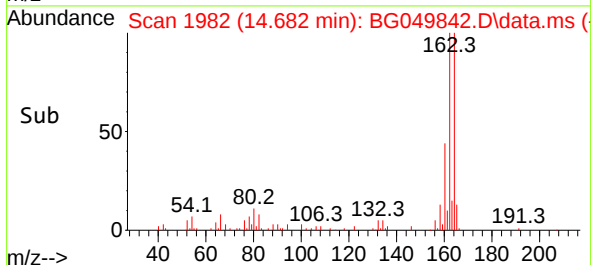
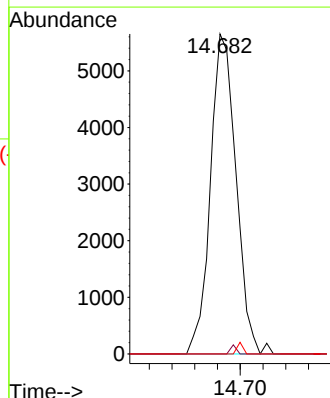
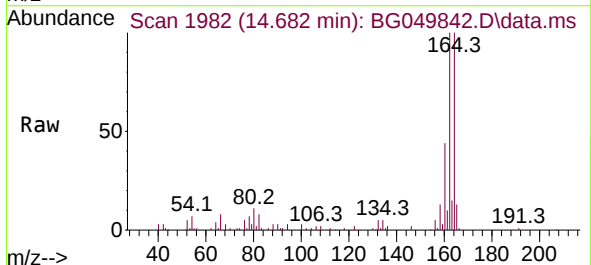
Instrument :
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ClientSampleId :
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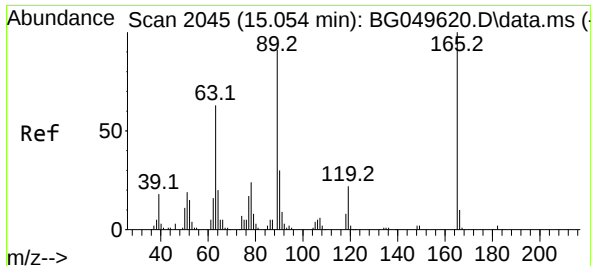
Tgt Ion:172 Resp: 263186
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 14.682 min Scan# 1982
Delta R.T. 0.415 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

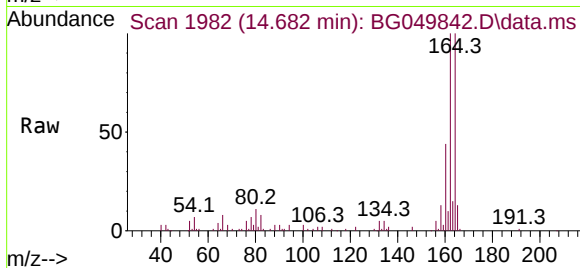
Tgt Ion:165 Resp: 8852
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



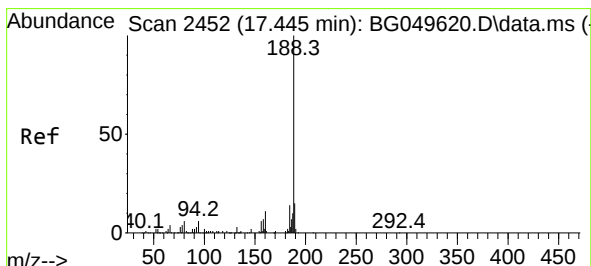
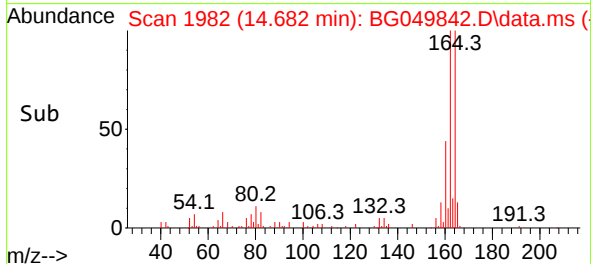
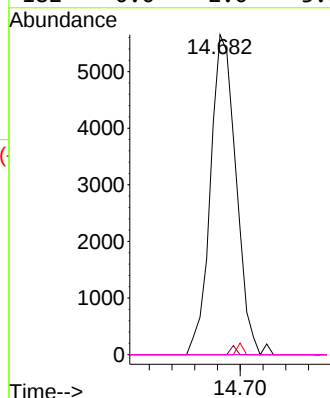


#57
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.372 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Instrument :
BNA_G
ClientSampleId :
20210544-COM-17

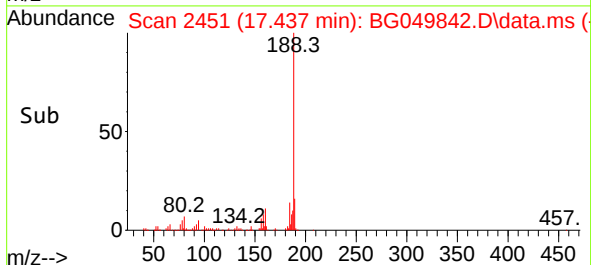
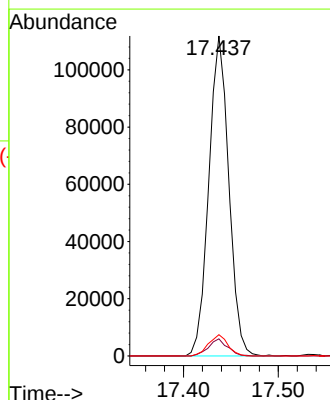
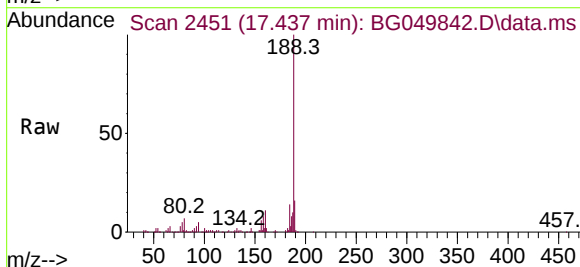


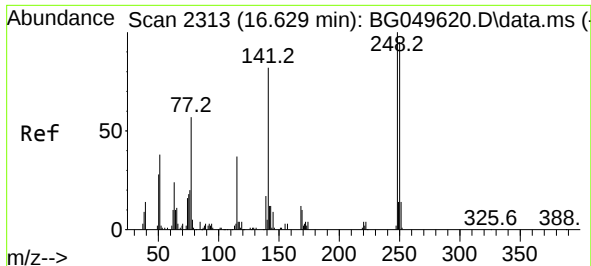
Tgt Ion:165 Resp: 8852
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.437 min Scan# 2451
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:188 Resp: 164176
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0#
80 6.6 3.7 5.5#

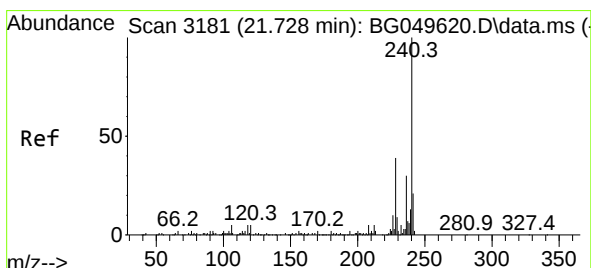
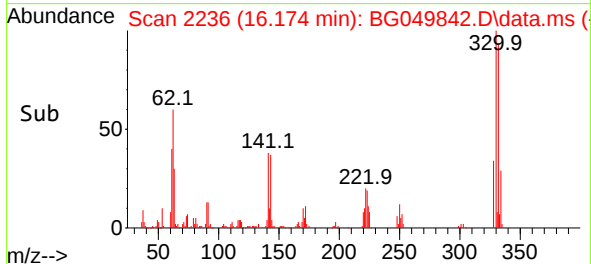
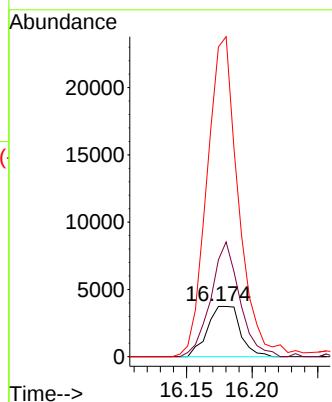
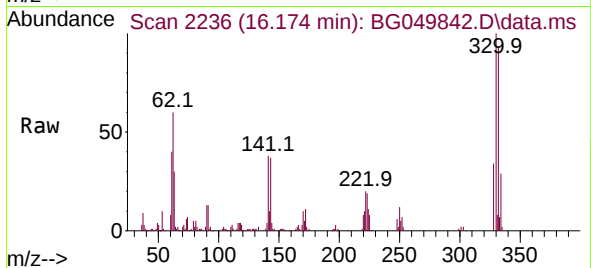




#67
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.454 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

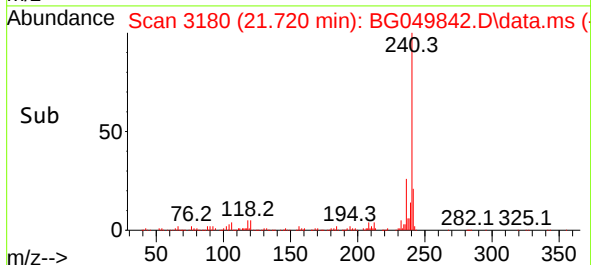
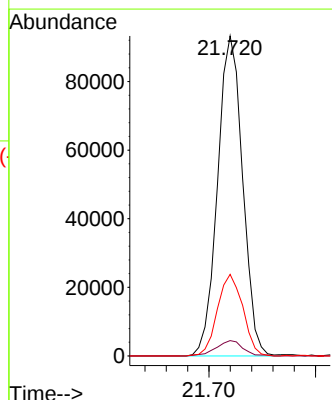
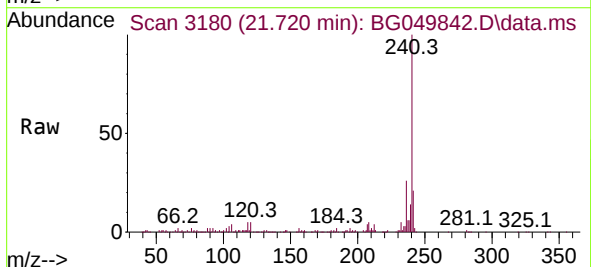
Instrument :
BNA_G
ClientSampleId :
20210544-COM-17

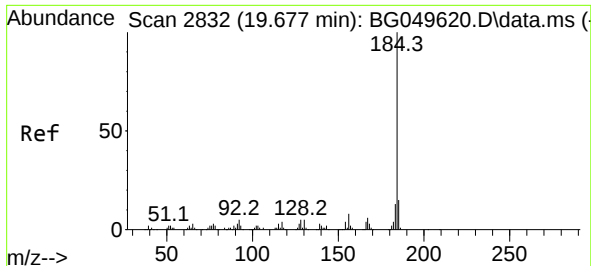
Tgt Ion:248 Resp: 6494
Ion Ratio Lower Upper
248 100
250 192.6 76.1 114.1#
141 615.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.720 min Scan# 3180
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:240 Resp: 152274
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.5 21.8 32.6

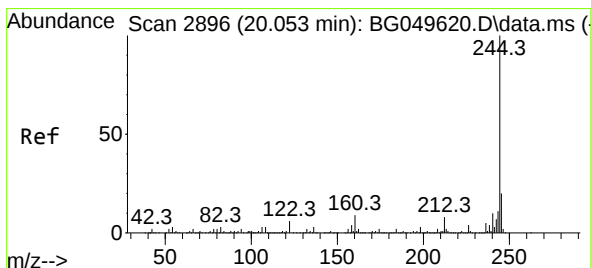
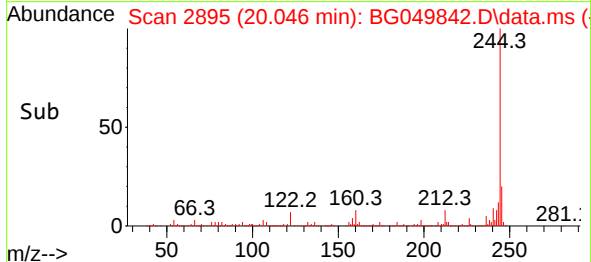
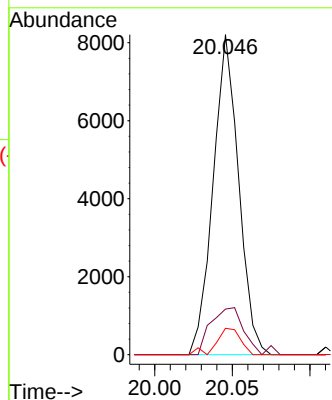
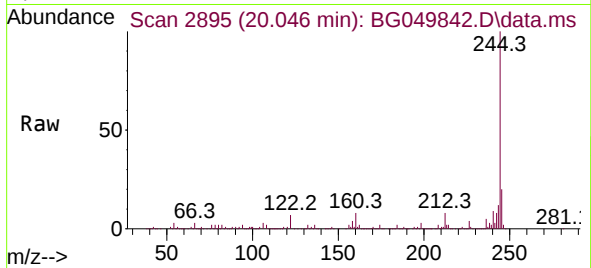




#77
Benzidine
Concen: 2.40 ng
RT: 20.046 min Scan# 2895
Delta R.T. 0.368 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

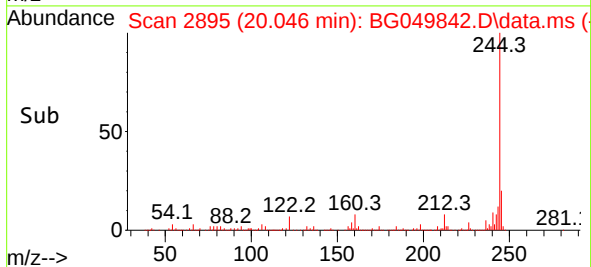
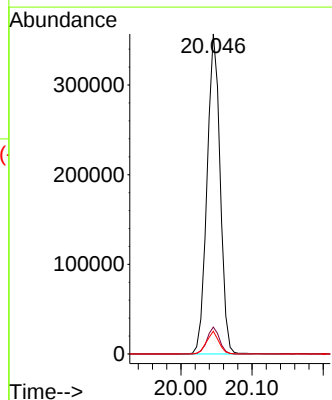
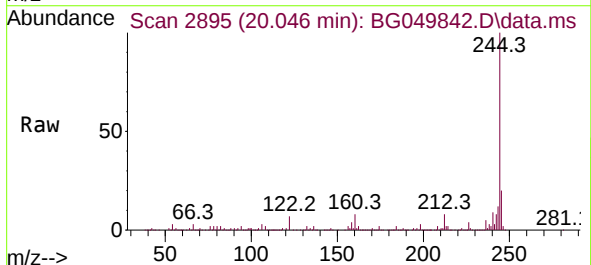
Instrument :
BNA_G
ClientSampleId :
20210544-COM-17

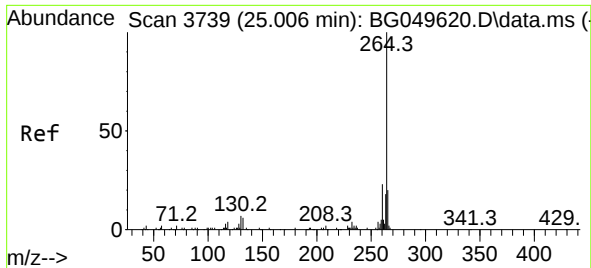
Tgt Ion:184 Resp: 9367
Ion Ratio Lower Upper
184 100
185 14.2 10.7 16.1
183 8.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 54.62 ng
RT: 20.046 min Scan# 2895
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:244 Resp: 457928
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 7.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.998 min Scan# 3738
 Delta R.T. -0.008 min
 Lab File: BG049842.D
 Acq: 13 Aug 2021 20:05

Instrument :
 BNA_G
 ClientSampleId :
 20210544-COM-17

Tgt Ion:264	Resp:	157241
Ion Ratio	Lower	Upper
264	100	
260	22.7	19.4 29.2
265	20.0	16.9 25.3

