

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049869.D
 Acq On : 17 Aug 2021 4:01
 Operator : CG/JU
 Sample : M3405-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-081221

Quant Time: Aug 17 04:45:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

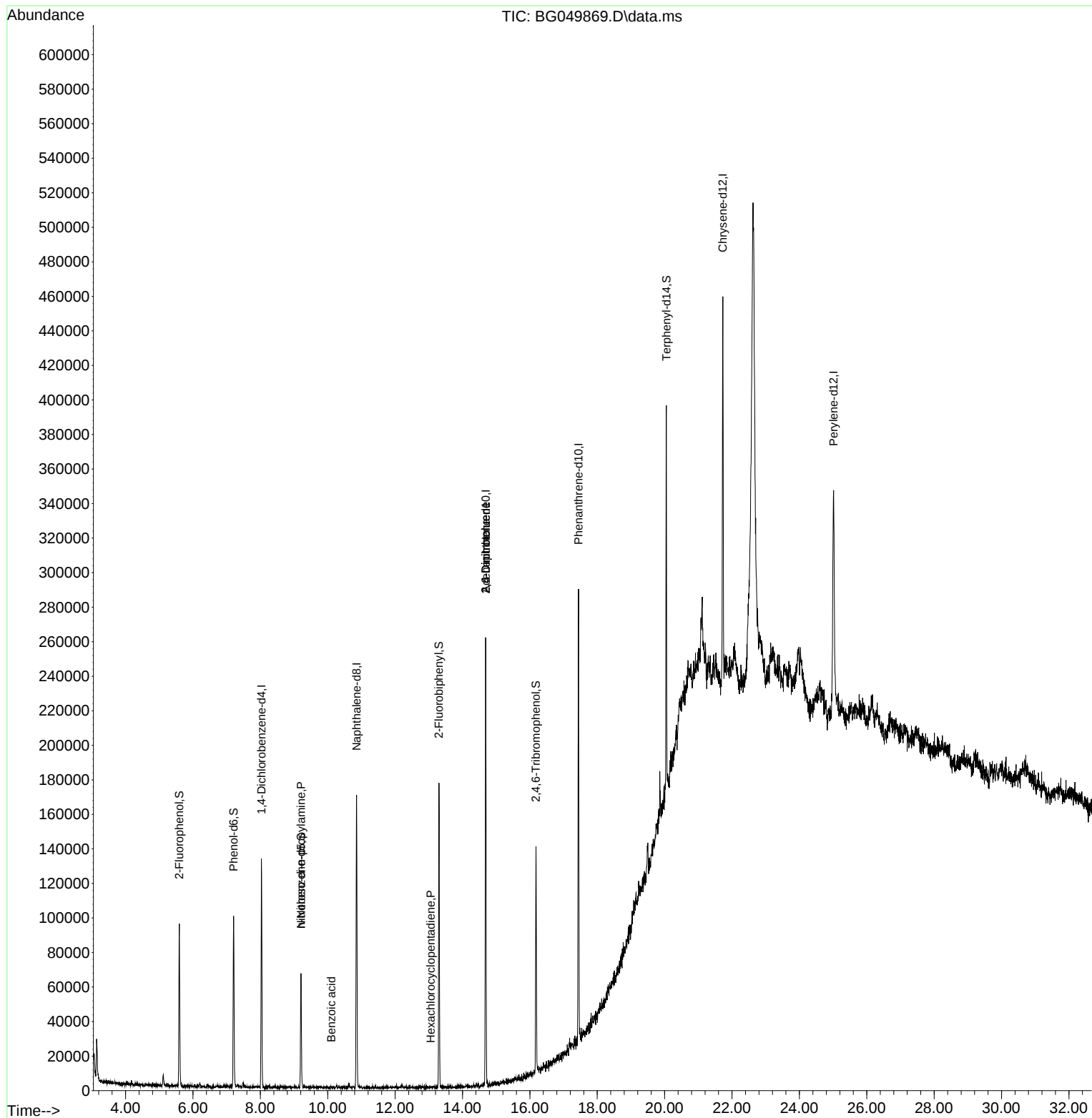
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	35519	20.000	ng	0.00
21) Naphthalene-d8	10.858	136	141502	20.000	ng	# 0.01
39) Acenaphthene-d10	14.688	164	91151	20.000	ng	0.00
64) Phenanthrene-d10	17.443	188	159075	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	137035	20.000	ng	0.00
86) Perylene-d12	25.015	264	141642	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.594	112	40896	20.640	ng	0.02
7) Phenol-d6	7.204	99	56006	18.673	ng	0.01
23) Nitrobenzene-d5	9.207	82	41336	12.927	ng	0.01
42) 2,4,6-Tribromophenol	16.180	330	26166	19.530	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	88112	14.066	ng	0.00
79) Terphenyl-d14	20.051	244	104161	13.805	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.207	70	5962	2.970	ng	# 68
32) Benzoic acid	10.106	122	53	4.982	ng	# 1
41) Hexachlorocyclopentadiene	13.055	237	59	3.579	ng	# 31
51) 2,6-Dinitrotoluene	14.688	165	11120	7.344	ng	# 10
57) 2,4-Dinitrotoluene	14.688	165	11120	5.229	ng	# 15

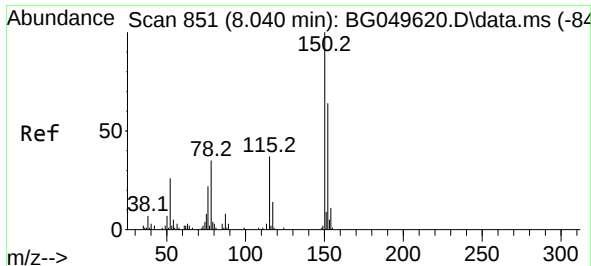
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:23:02 2021
Response via : Initial Calibration

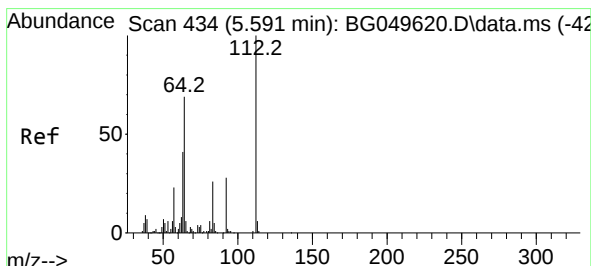
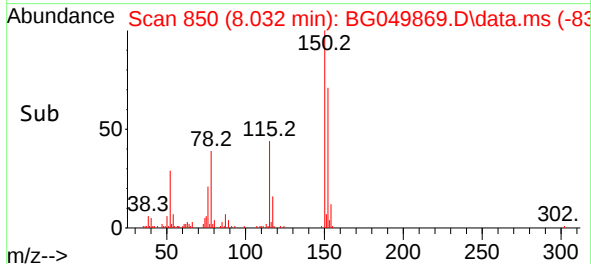
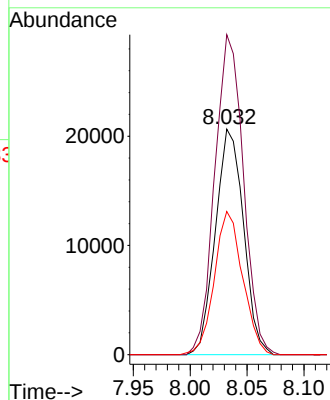
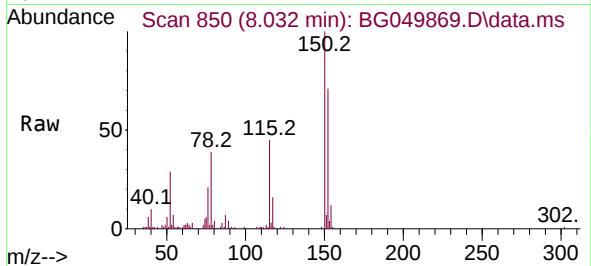




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.032 min Scan# 850
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

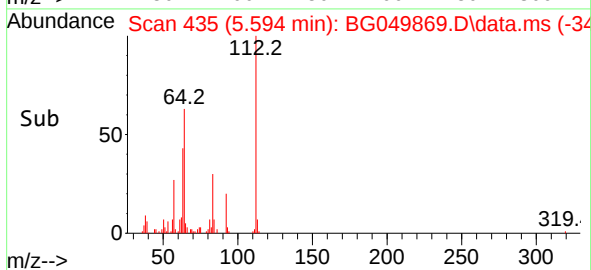
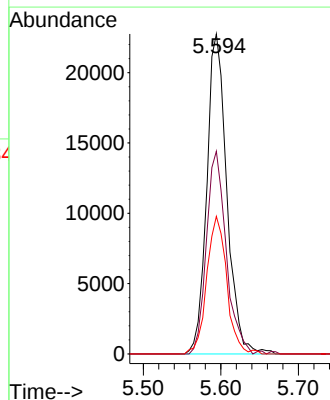
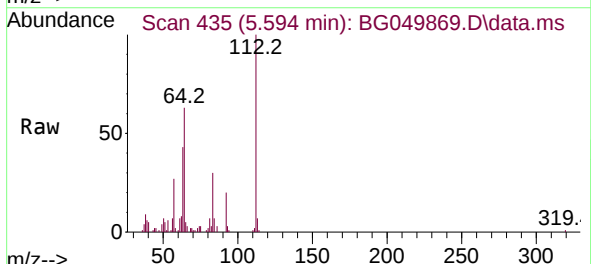
Instrument :
BNA_G
ClientSampleId :
CL-01-081221

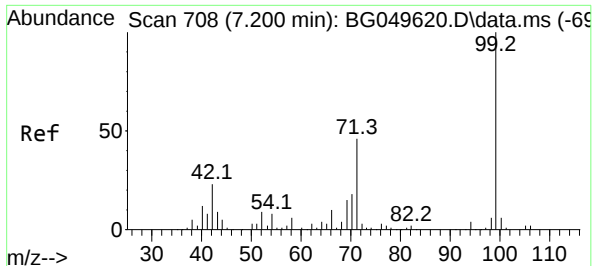
Tgt Ion:152 Resp: 35519
Ion Ratio Lower Upper
152 100
150 141.8 119.4 179.0
115 63.4 60.2 90.4



#5
2-Fluorophenol
Concen: 20.640 ng
RT: 5.594 min Scan# 435
Delta R.T. 0.016 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

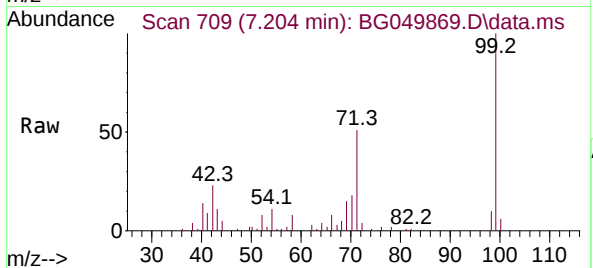
Tgt Ion:112 Resp: 40896
Ion Ratio Lower Upper
112 100
64 63.4 46.7 70.1
63 43.0 35.3 52.9



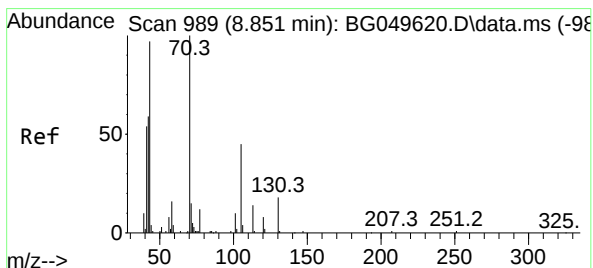
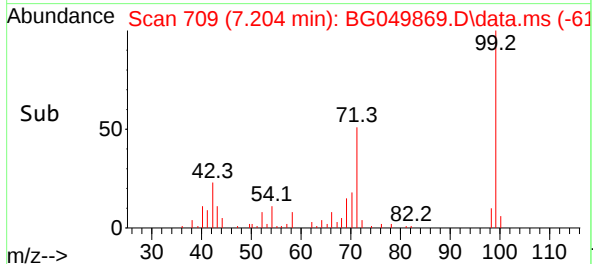
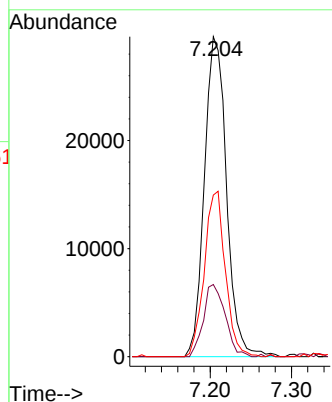


#7
Phenol-d6
Concen: 18.673 ng
RT: 7.204 min Scan# 709
Delta R.T. 0.010 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Instrument :
BNA_G
ClientSampleId :
CL-01-081221

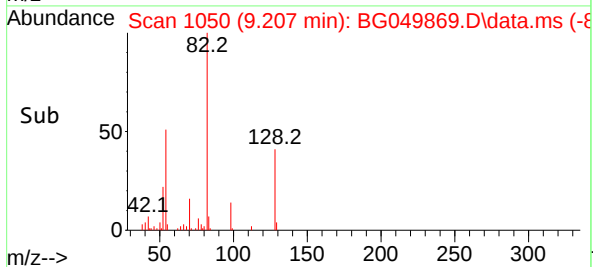
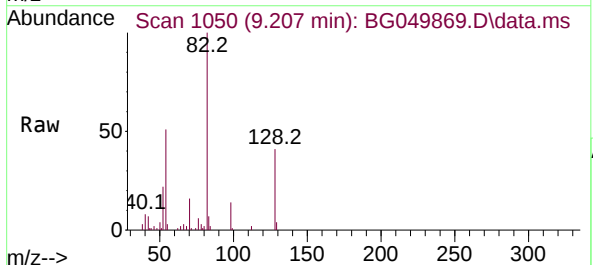
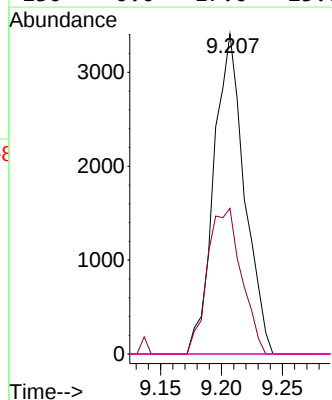


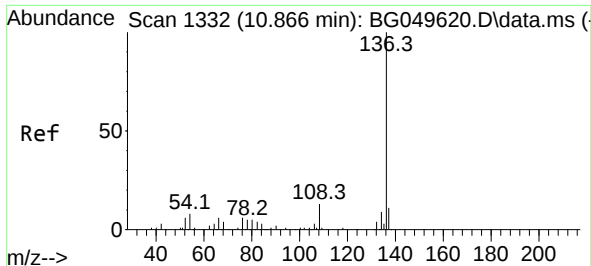
Tgt Ion: 99 Resp: 56006
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 50.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.970 ng
RT: 9.207 min Scan# 1050
Delta R.T. 0.368 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion: 70 Resp: 5962
Ion Ratio Lower Upper
70 100
42 45.5 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

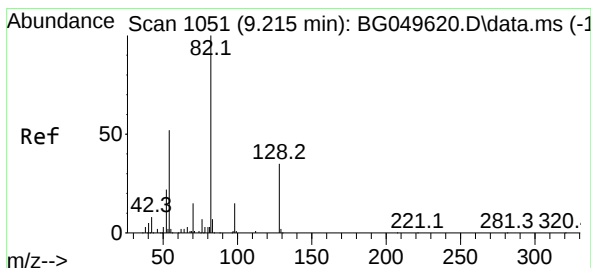
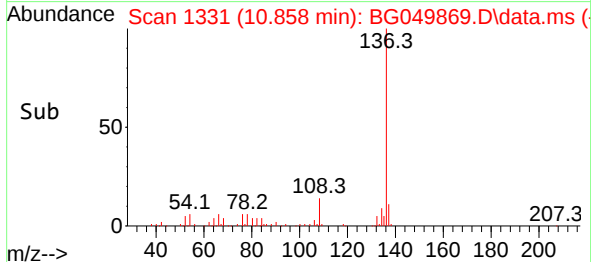
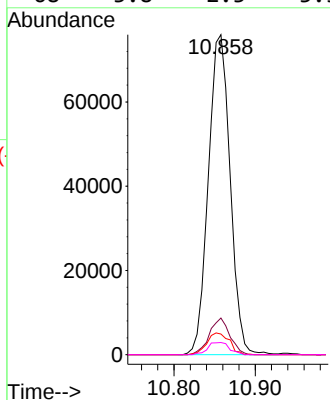
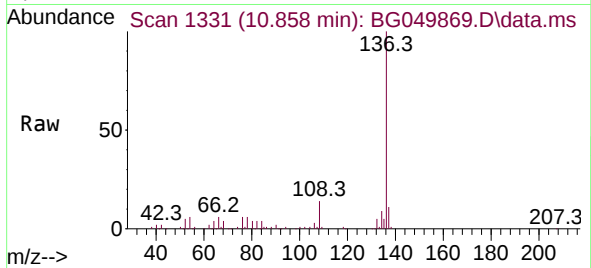




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.858 min Scan# 1331
Delta R.T. 0.010 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

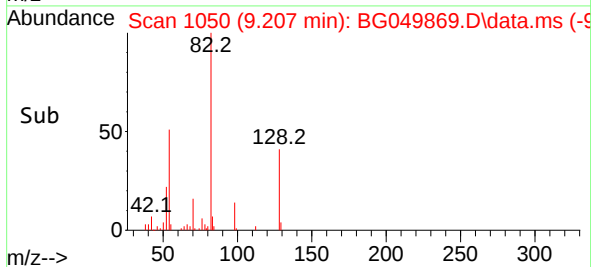
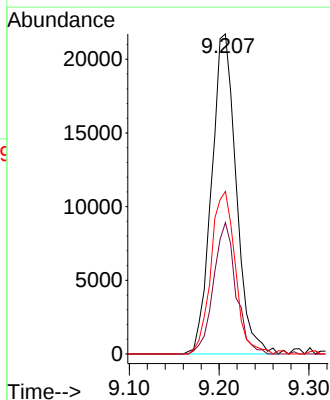
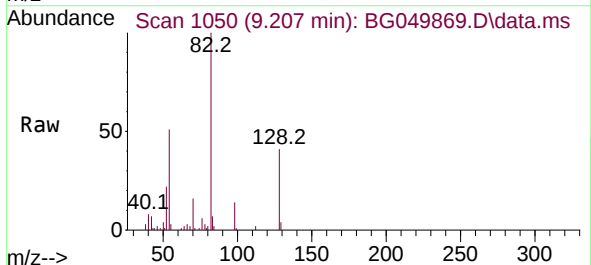
Instrument :
BNA_G
ClientSampleId :
CL-01-081221

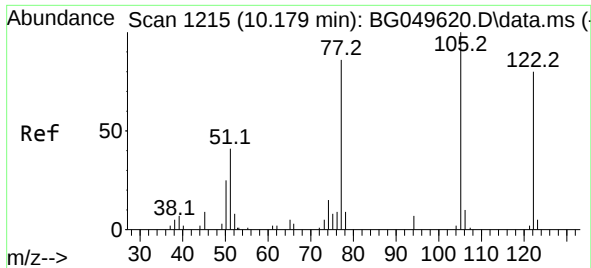
Tgt Ion:	136	Resp:	141502
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.2
54	6.5	5.5	8.3
68	3.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 12.927 ng
RT: 9.207 min Scan# 1050
Delta R.T. 0.010 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:	82	Resp:	41336
Ion Ratio	Lower	Upper	
82	100		
128	41.1	29.8	44.6
54	50.8	45.8	68.8

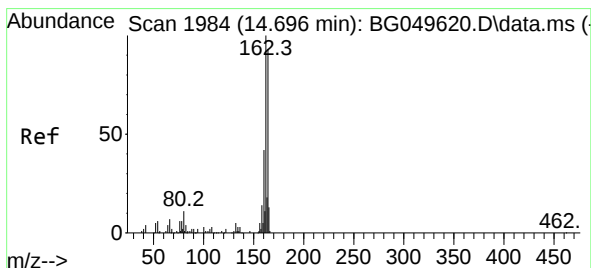
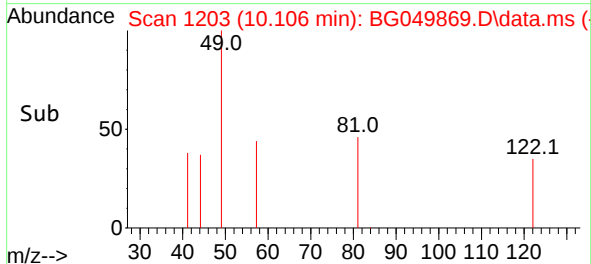
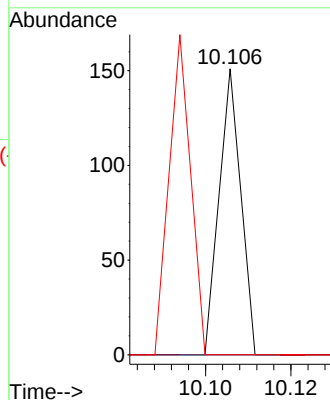
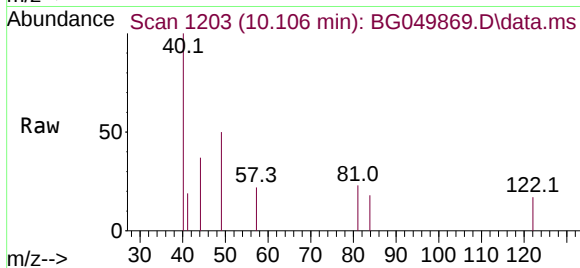




#32
Benzoic acid
Concen: 4.982 ng
RT: 10.106 min Scan# 1203
Delta R.T. -0.060 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

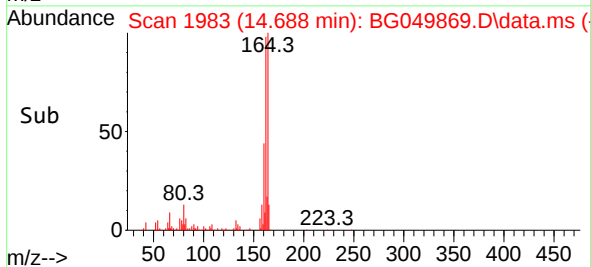
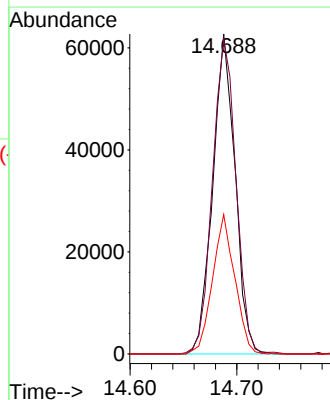
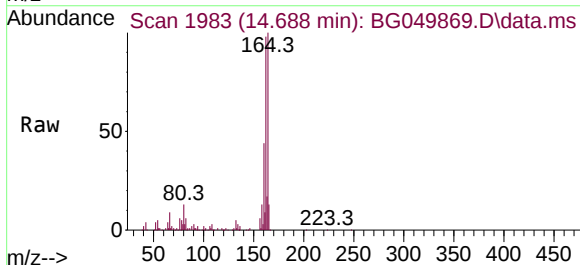
Instrument :
BNA_G
ClientSampleId :
CL-01-081221

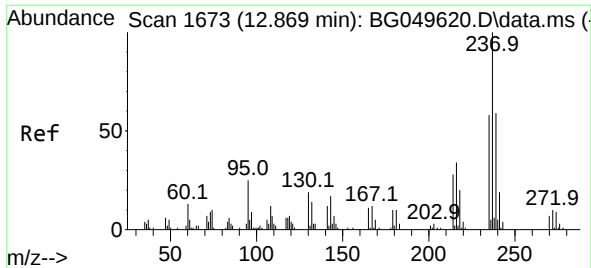
Tgt Ion:122	Resp:	53
Ion Ratio	Lower	Upper
122	100	
105	0.0	92.3 132.3#
77	0.0	66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.688 min Scan# 1983
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:164	Resp:	91151
Ion Ratio	Lower	Upper
164	100	
162	98.4	81.4 122.0
160	43.5	34.9 52.3

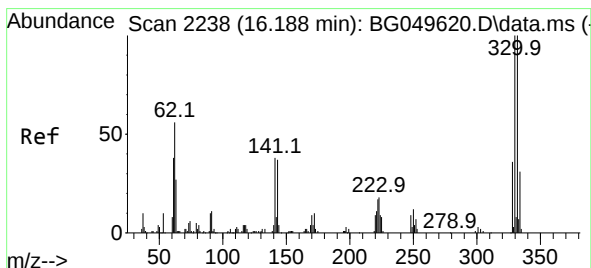
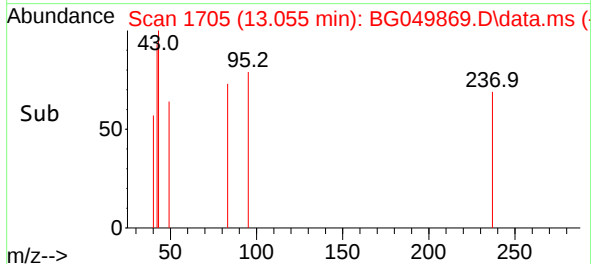
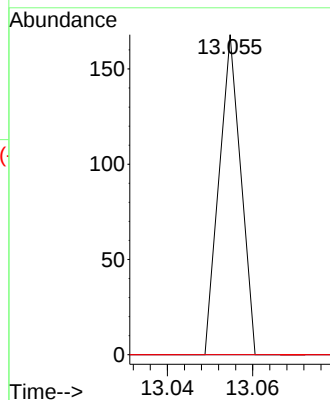
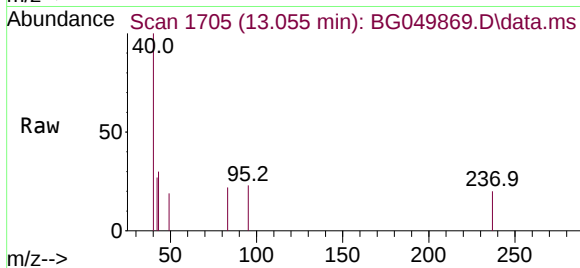




#41
Hexachlorocyclopentadiene
Concen: 3.579 ng
RT: 13.055 min Scan# 1705
Delta R.T. 0.204 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

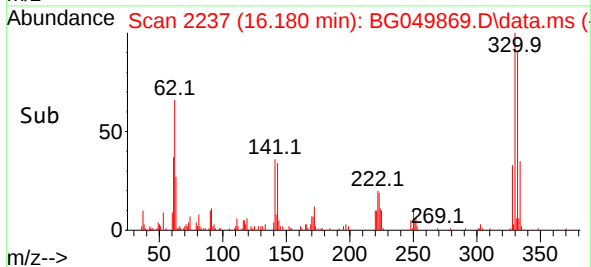
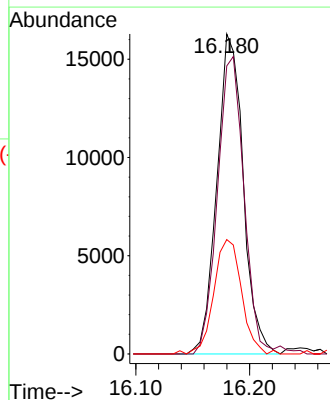
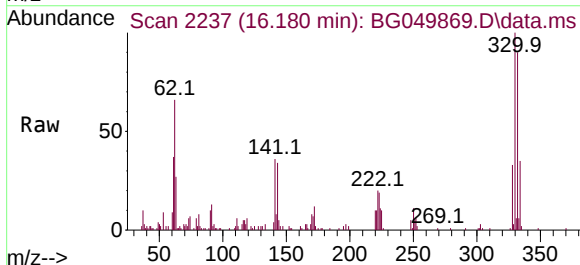
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BNA_G
ClientSampled :
CL-01-081221

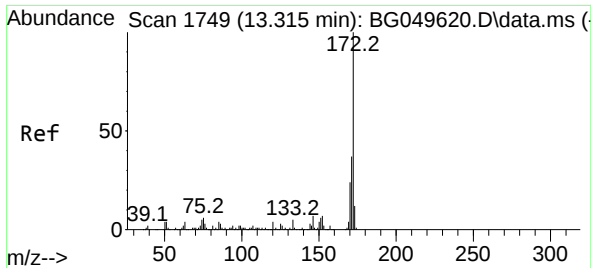
Tgt Ion:	237	Resp:	59
Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 19.530 ng
RT: 16.180 min Scan# 2237
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:	330	Resp:	26166
Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.3	115.9
141	37.7	35.6	53.4

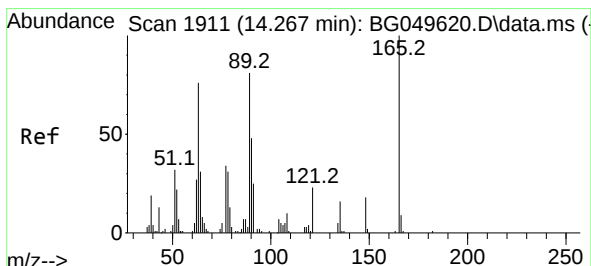
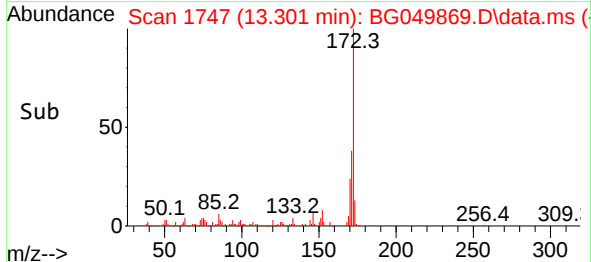
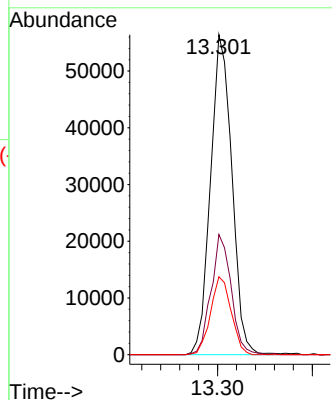
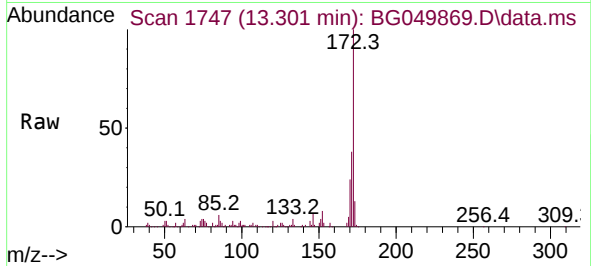




#45
2-Fluorobiphenyl
Concen: 14.066 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.002 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

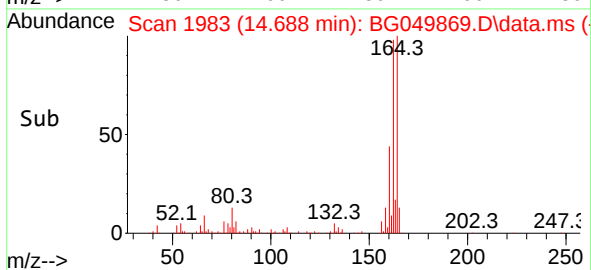
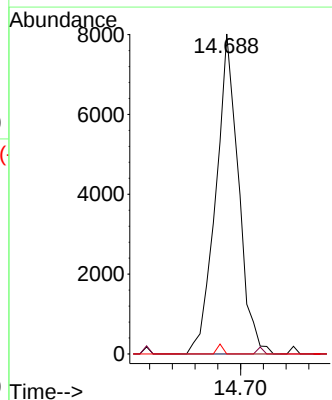
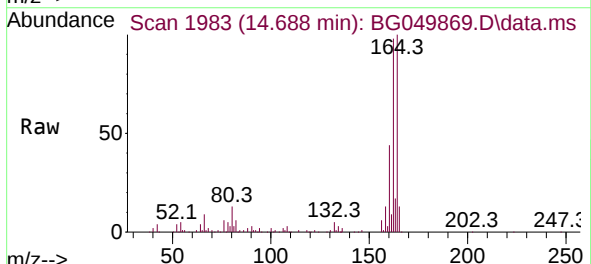
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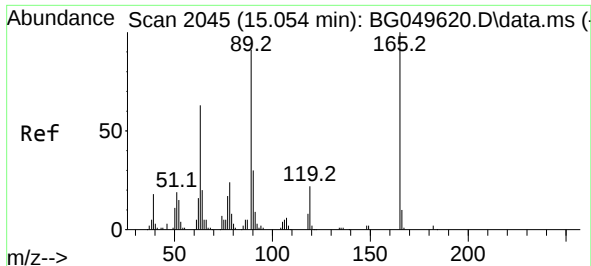
Tgt Ion:	172	Resp:	88112
Ion Ratio	Lower	Upper	
172	100		
171	37.5	28.6	43.0
170	24.3	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 7.344 ng
RT: 14.688 min Scan# 1983
Delta R.T. 0.433 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

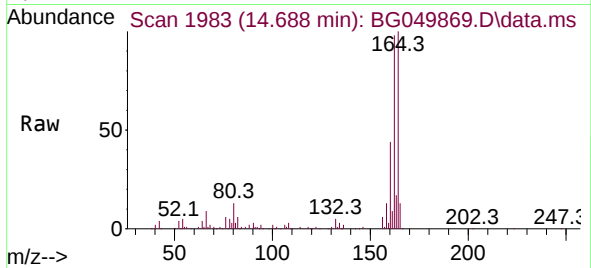
Tgt Ion:	165	Resp:	11120
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#



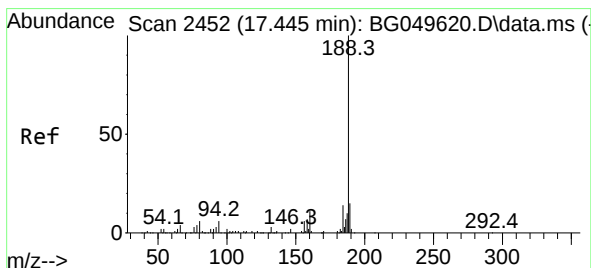
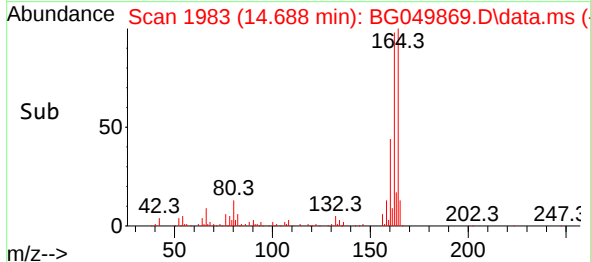
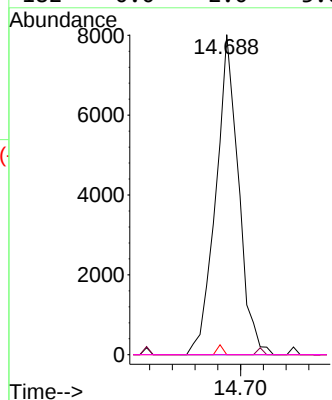


#57
2,4-Dinitrotoluene
Concen: 5.229 ng
RT: 14.688 min Scan# 1983
Delta R.T. -0.360 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Instrument :
BNA_G
ClientSampleId :
CL-01-081221

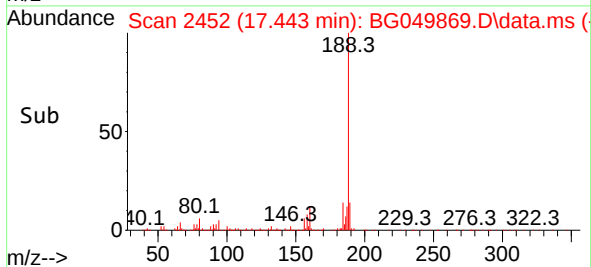
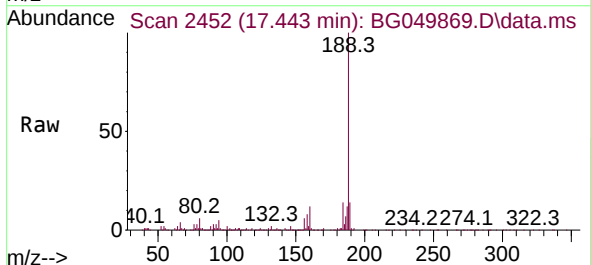
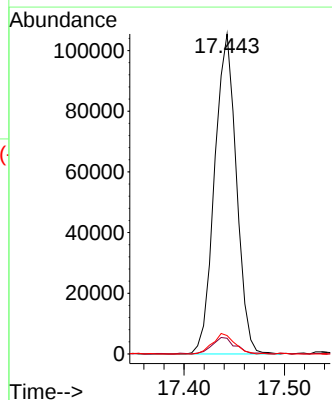


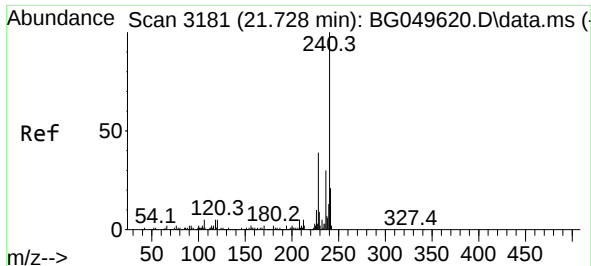
Tgt Ion:	165	Resp:	11120
Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.443 min Scan# 2452
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:	188	Resp:	159075
Ion	Ratio	Lower	Upper
188	100		
94	4.9	5.4	8.0#
80	5.7	3.7	5.5#

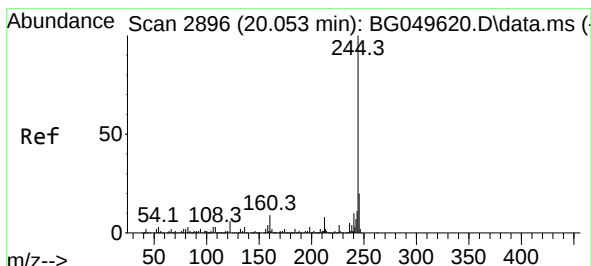
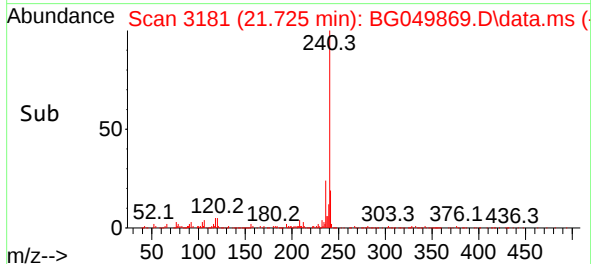
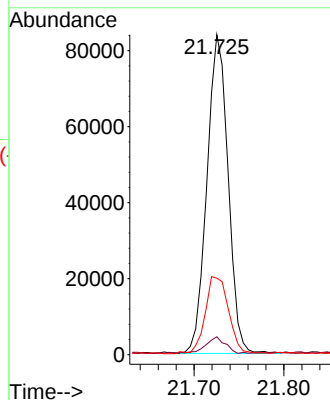
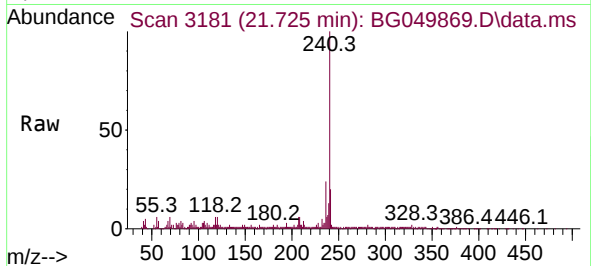




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3181
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

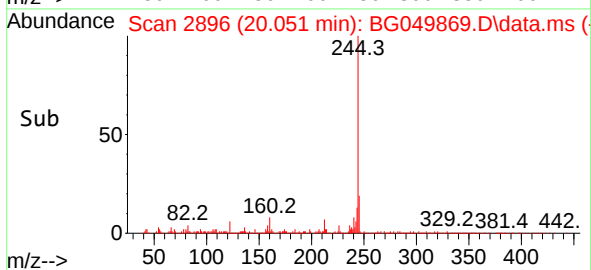
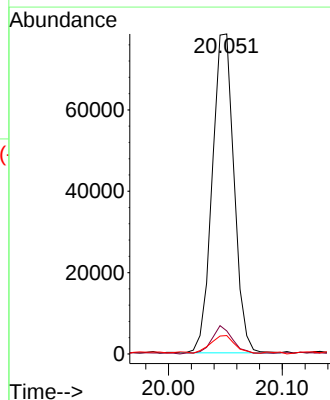
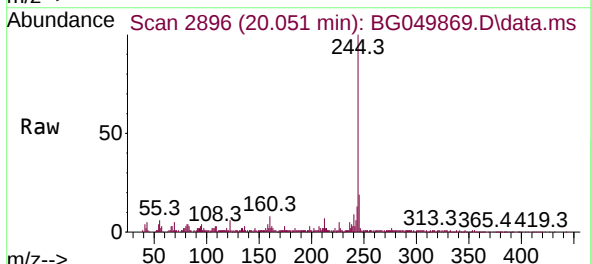
Instrument :
BNA_G
ClientSampleId :
CL-01-081221

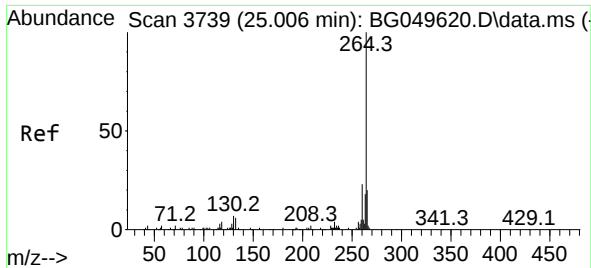
Tgt Ion:	240	Resp:	137035
Ion Ratio	Lower	Upper	
240	100		
120	5.6	4.2	6.2
236	23.9	21.8	32.6



#79
Terphenyl-d14
Concen: 13.805 ng
RT: 20.051 min Scan# 2896
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

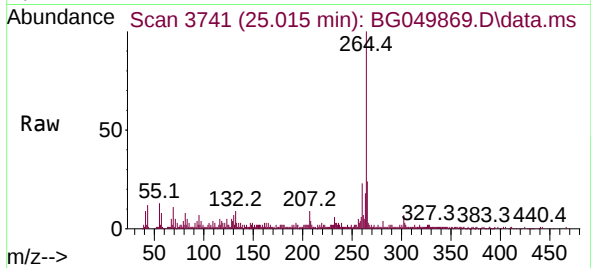
Tgt Ion:	244	Resp:	104161
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.9	10.3
122	5.8	5.0	7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3741
 Delta R.T. 0.028 min
 Lab File: BG049869.D
 Acq: 17 Aug 2021 4:01

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-081221



Tgt Ion:	264	Resp:	141642
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.4	29.2
265	23.8	16.9	25.3

