

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049816.D
 Acq On : 12 Aug 2021 13:41
 Operator : CG/JU
 Sample : M3333-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124030

Quant Time: Aug 12 14:19:20 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)

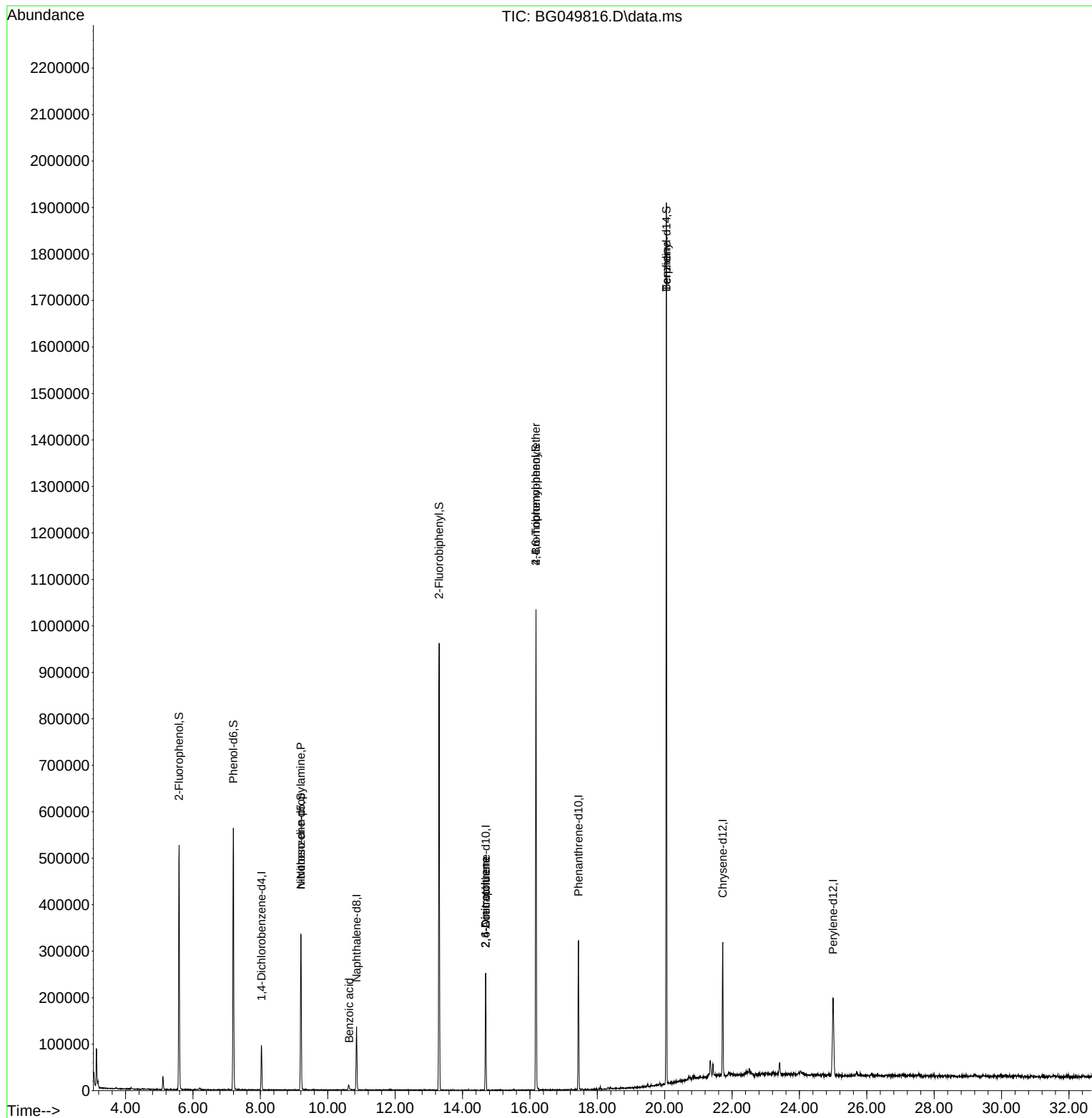
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	26815	20.000	ng	# 0.00
21) Naphthalene-d8	10.857	136	111694	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	89272	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	204928	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	169332	20.000	ng	0.00
86) Perylene-d12	25.002	264	176890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	210051	140.421	ng	0.00
7) Phenol-d6	7.197	99	302571	133.624	ng	0.00
23) Nitrobenzene-d5	9.200	82	210663	83.461	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	194766	148.429	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	483634	78.829	ng	0.00
79) Terphenyl-d14	20.050	244	832551	89.297	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.200	70	32072	21.166	ng	# 65
32) Benzoic acid	10.639	122	75	5.010	ng	# 38
51) 2,6-Dinitrotoluene	14.681	165	11290	7.613	ng	# 11
57) 2,4-Dinitrotoluene	14.681	165	11290	5.420	ng	# 17
67) 4-Bromophenyl-phenylether	16.179	248	12128	5.025	ng	# 1
77) Benzidine	20.050	184	17283	3.984	ng	96

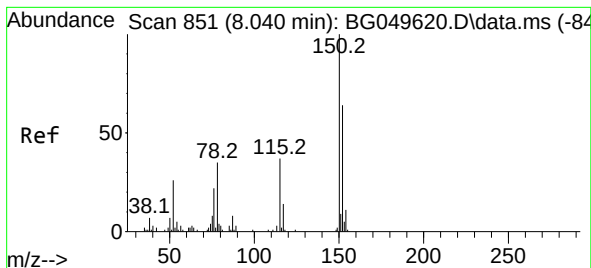
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

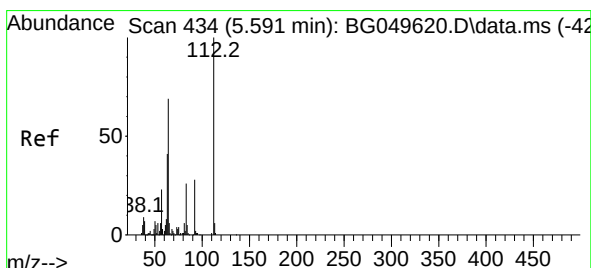
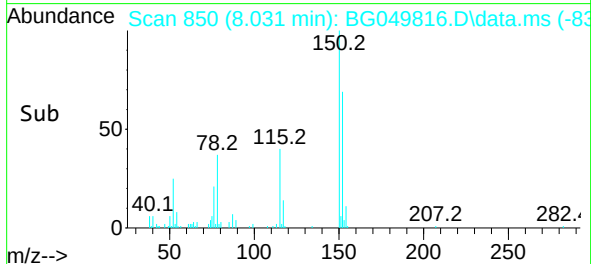
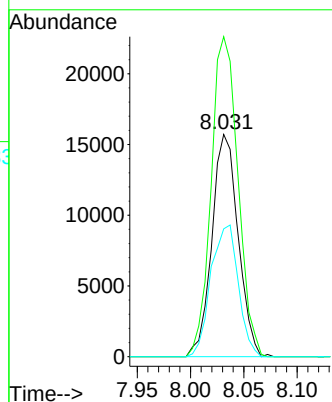
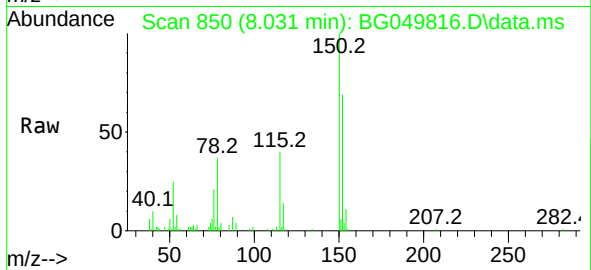




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.031 min Scan# 850
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

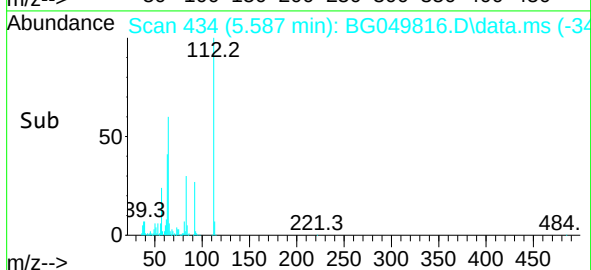
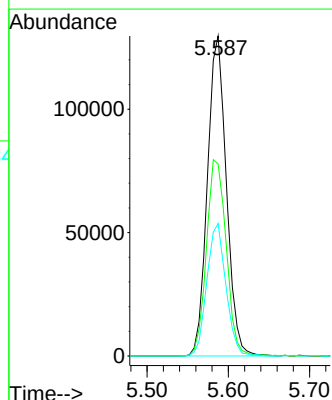
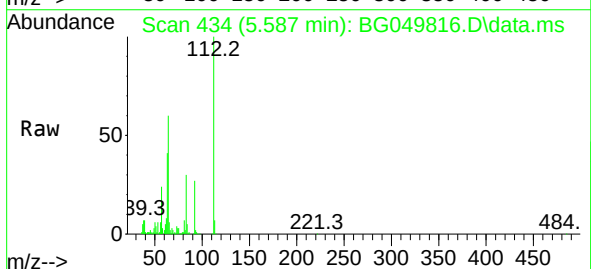
Instrument :
BNA_G
ClientSampleId :
124030

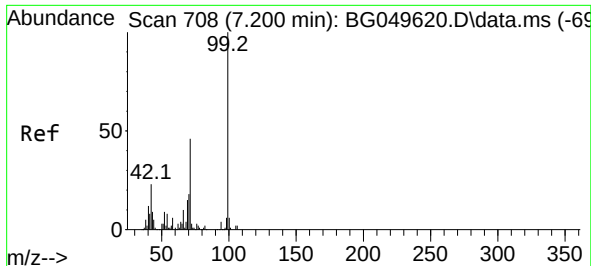
Tgt Ion:152 Resp: 26815
Ion Ratio Lower Upper
152 100
150 144.0 119.4 179.0
115 57.5 60.2 90.4#



#5
2-Fluorophenol
Concen: 140.421 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.003 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

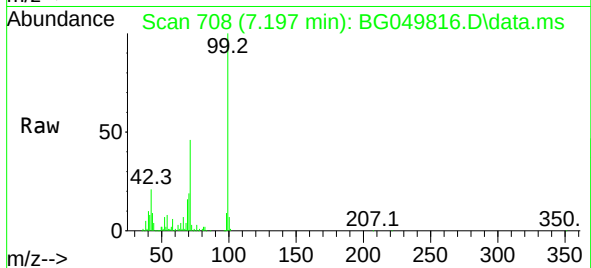
Tgt Ion:112 Resp: 210051
Ion Ratio Lower Upper
112 100
64 60.0 46.7 70.1
63 41.4 35.3 52.9



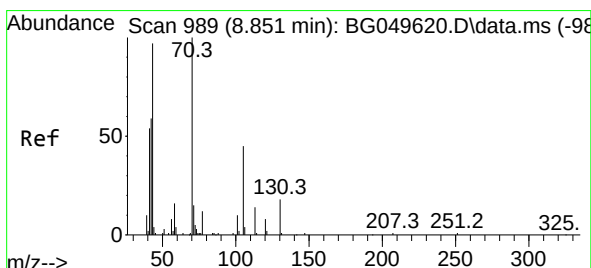
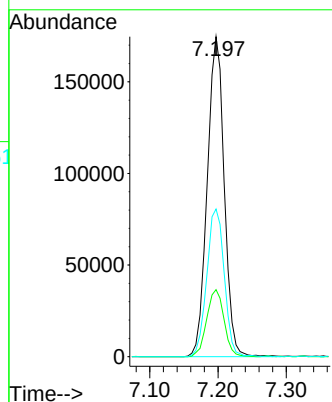
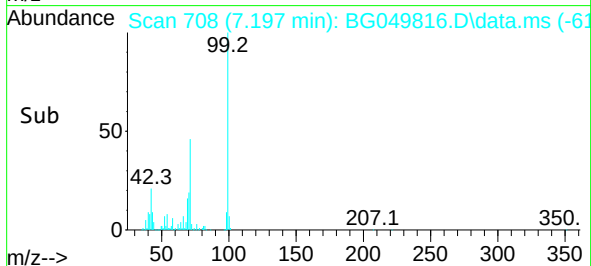


#7
Phenol-d6
Concen: 133.624 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

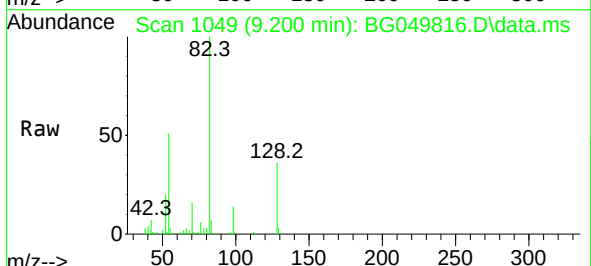
Instrument :
BNA_G
ClientSampleId :
124030



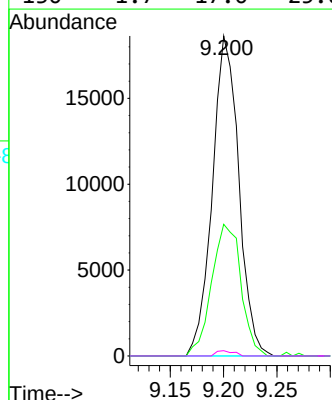
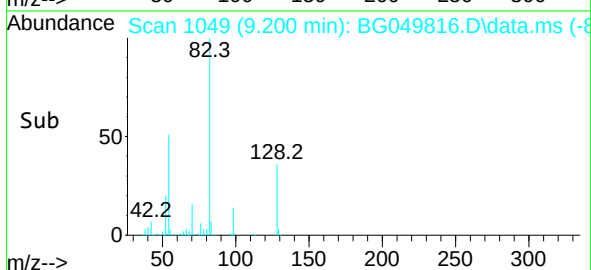
Tgt Ion: 99 Resp: 302571
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 46.2 41.5 62.3

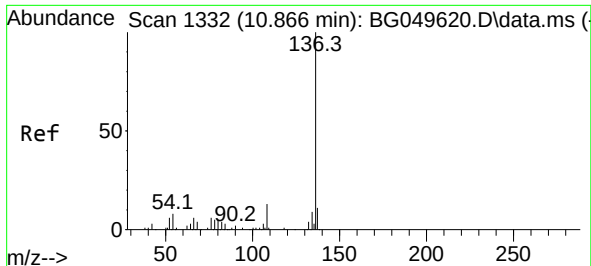


#19
n-Nitroso-di-n-propylamine
Concen: 21.166 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.349 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41



Tgt Ion: 70 Resp: 32072
Ion Ratio Lower Upper
70 100
42 41.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

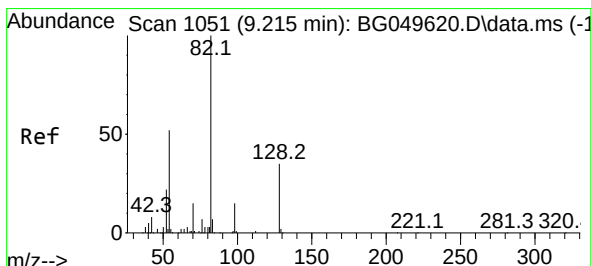
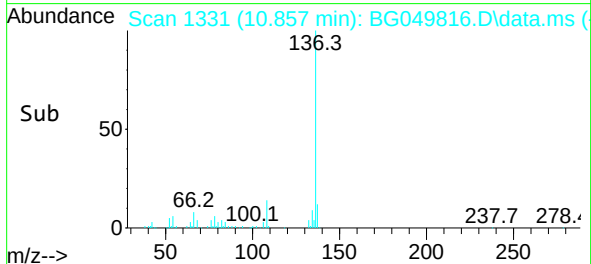
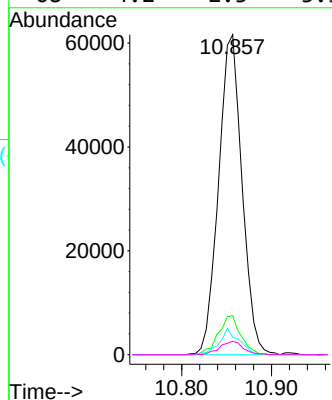
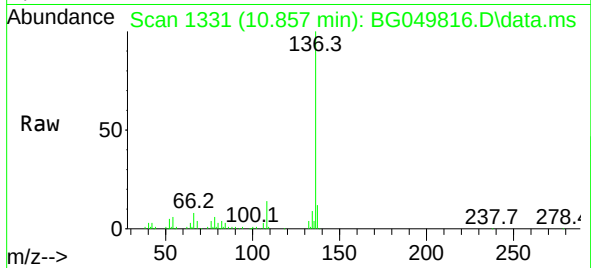




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.857 min Scan# 1331
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

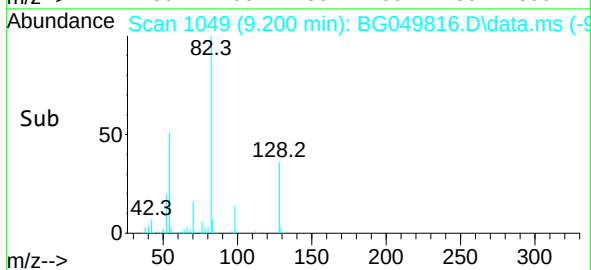
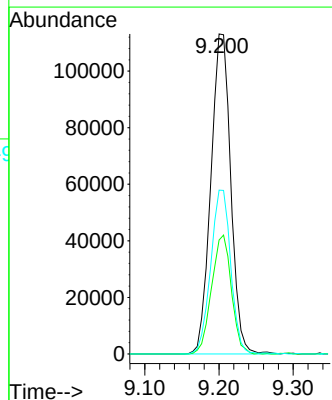
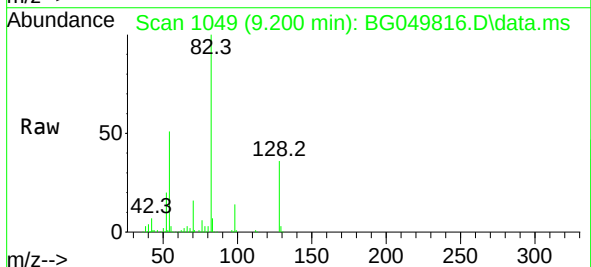
Instrument :
BNA_G
ClientSampleId :
124030

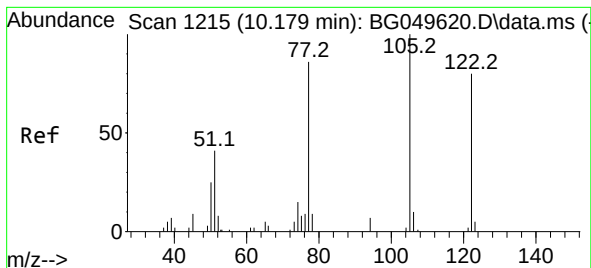
Tgt Ion:	136	Resp:	111694
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.2	12.2
54	5.5	5.5	8.3#
68	4.2	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 83.461 ng
RT: 9.200 min Scan# 1049
Delta R.T. -0.015 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Tgt Ion:	82	Resp:	210663
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.8	44.6
54	51.2	45.8	68.8

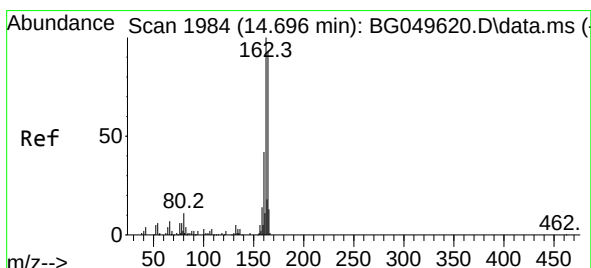
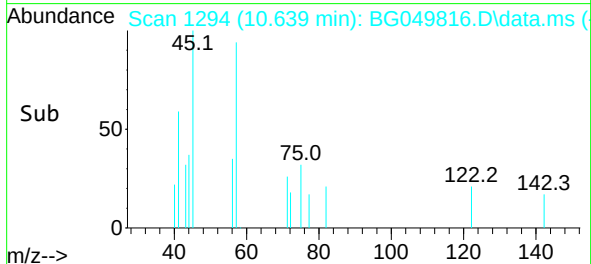
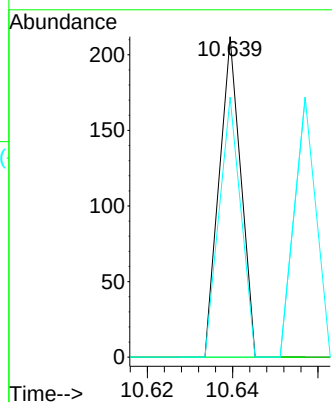
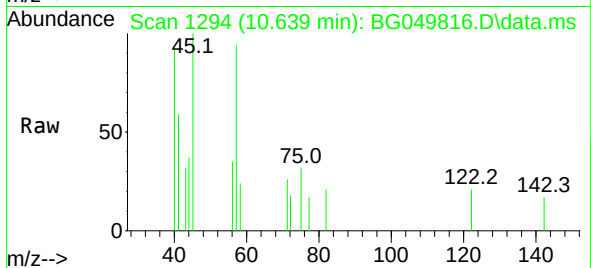




#32
Benzoic acid
Concen: 5.010 ng
RT: 10.639 min Scan# 1294
Delta R.T. 0.460 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

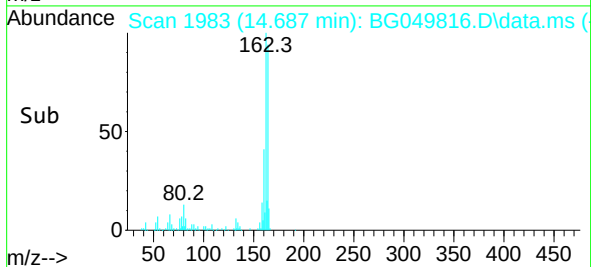
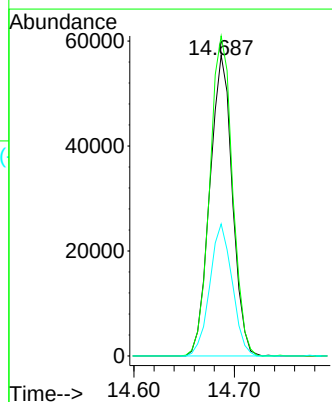
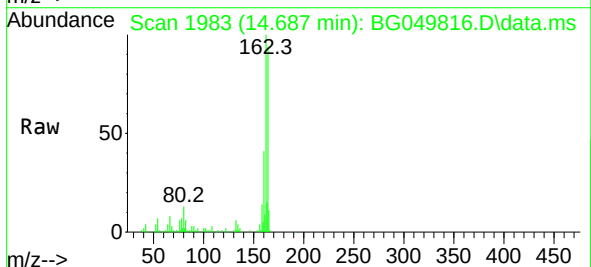
Instrument :
BNA_G
ClientSampleId :
124030

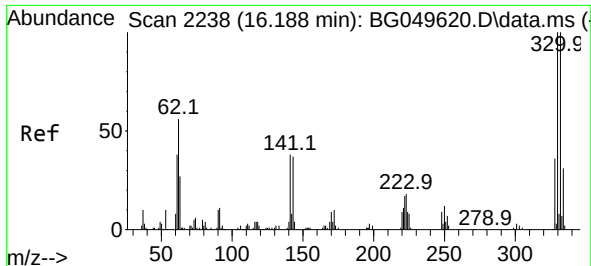
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 81.1 66.5 106.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

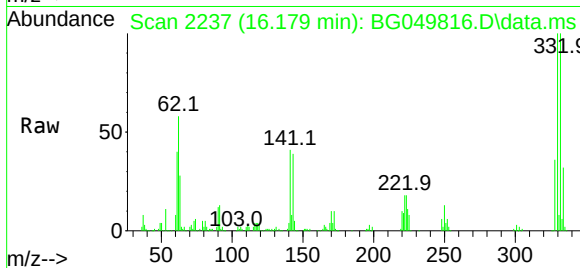
Tgt Ion:164 Resp: 89272
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 43.9 34.9 52.3



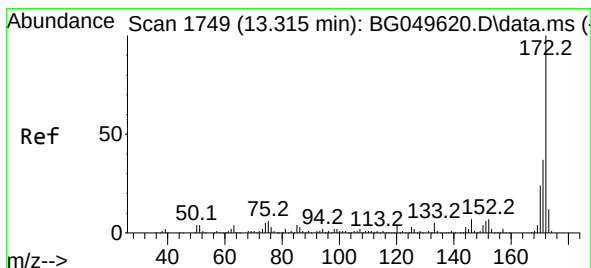
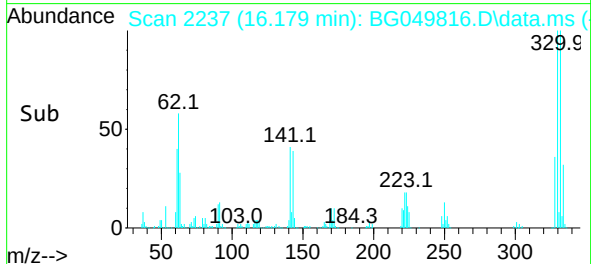
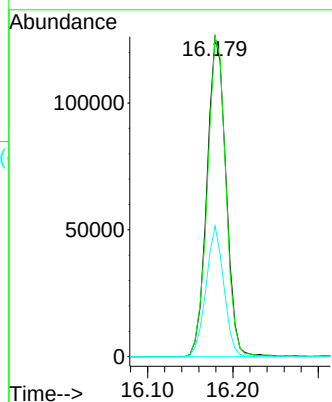


#42
2,4,6-Tribromophenol
Concen: 148.429 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Instrument :
BNA_G
ClientSampleId :
124030

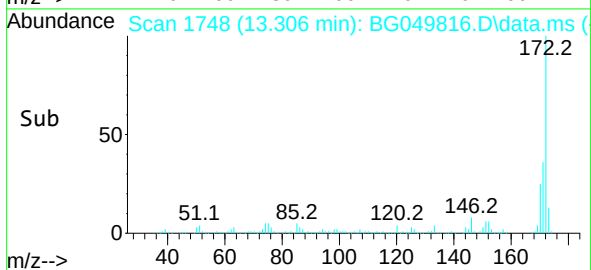
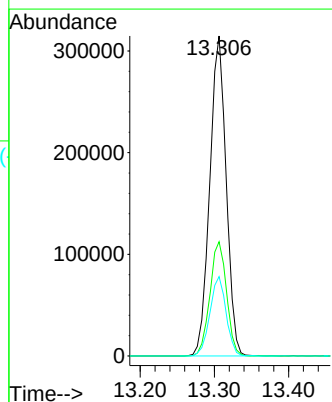
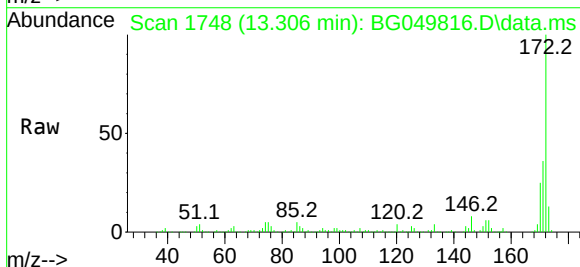


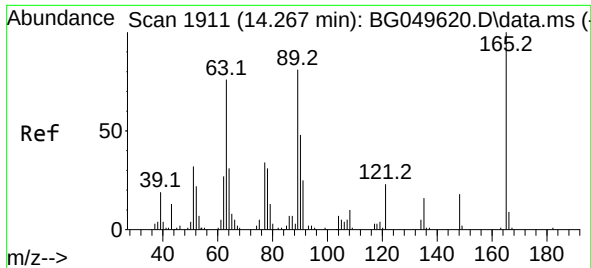
Tgt Ion:330 Resp: 194766
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 38.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 78.829 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Tgt Ion:172 Resp: 483634
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.8 18.6 27.8

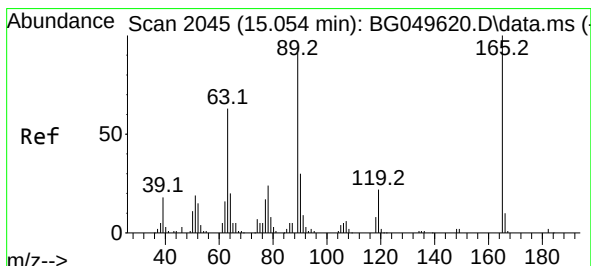
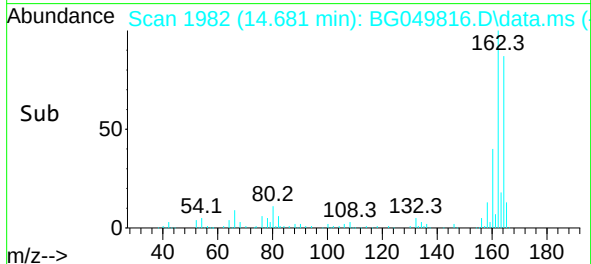
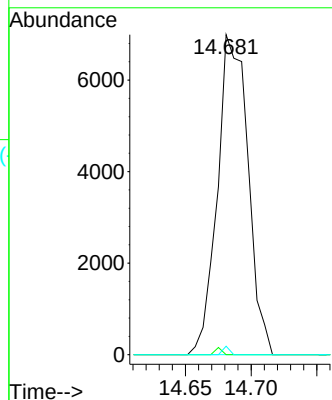
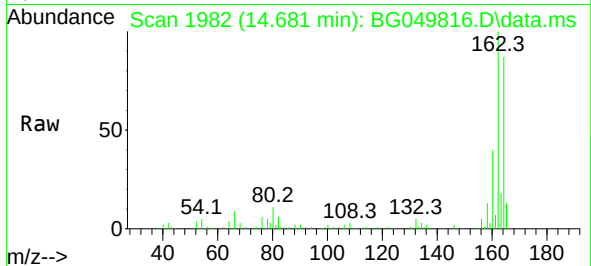




#51
2,6-Dinitrotoluene
Concen: 7.613 ng
RT: 14.681 min Scan# 1982
Delta R.T. 0.414 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

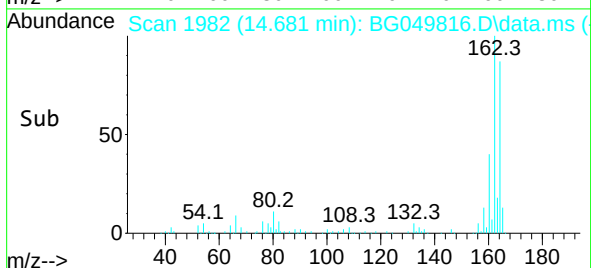
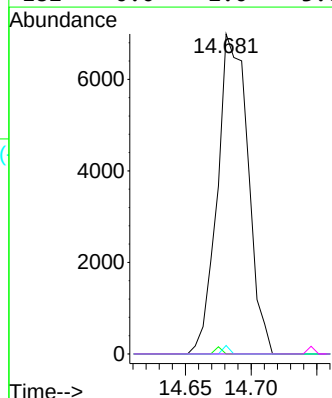
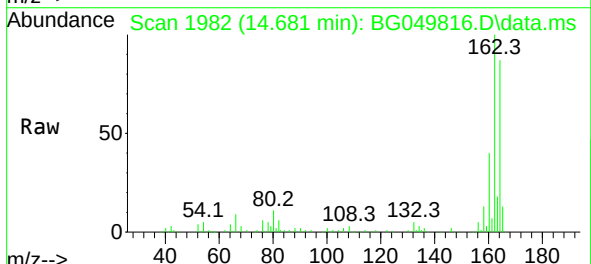
Instrument :
BNA_G
ClientSampleId :
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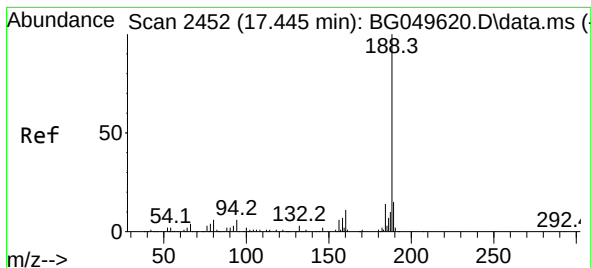
Tgt Ion:165 Resp: 11290
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.420 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.373 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Tgt Ion:165 Resp: 11290
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#

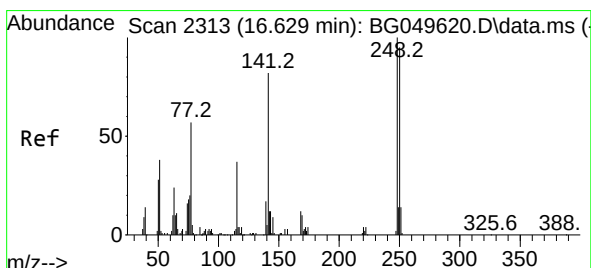
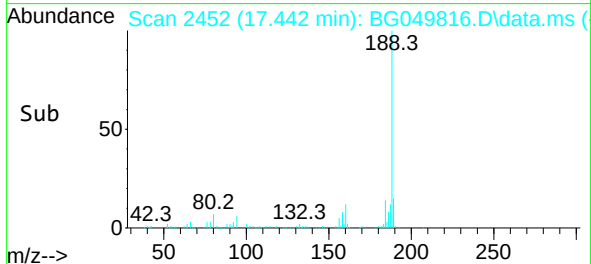
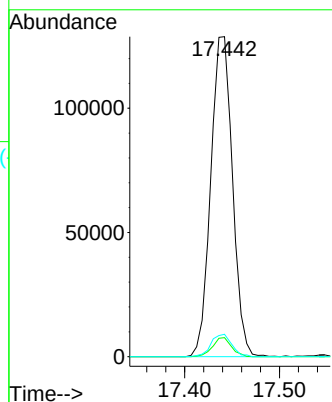
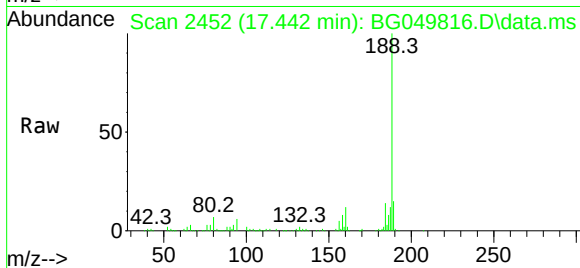




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

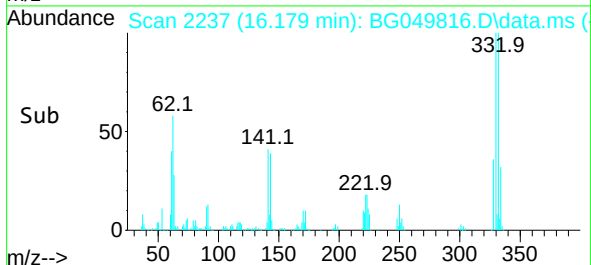
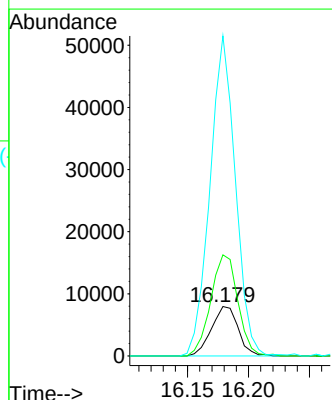
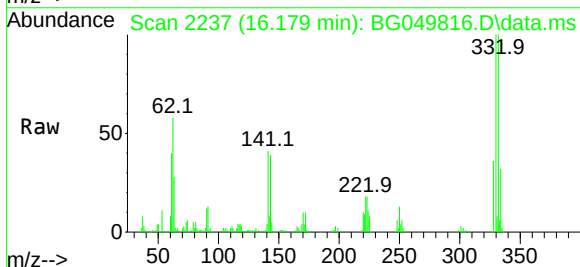
Instrument :
BNA_G
ClientSampleId :
124030

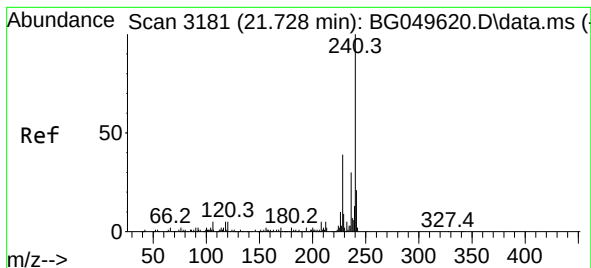
Tgt Ion:188 Resp: 204928
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 7.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.025 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.450 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Tgt Ion:248 Resp: 12128
Ion Ratio Lower Upper
248 100
250 204.6 76.1 114.1#
141 647.5 65.4 98.2#

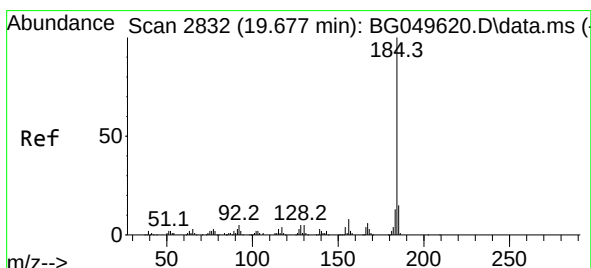
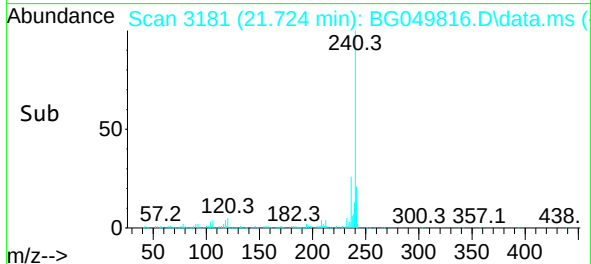
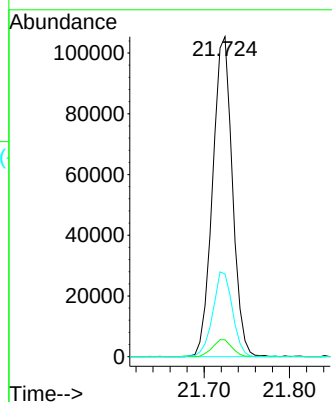
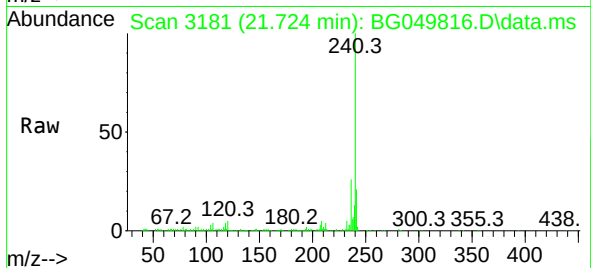




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

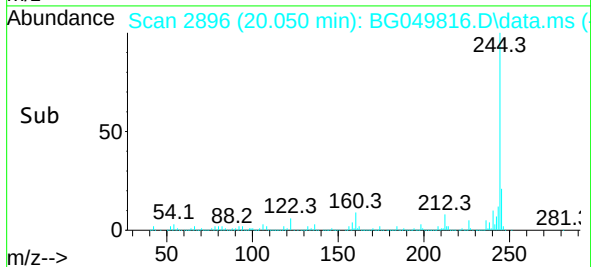
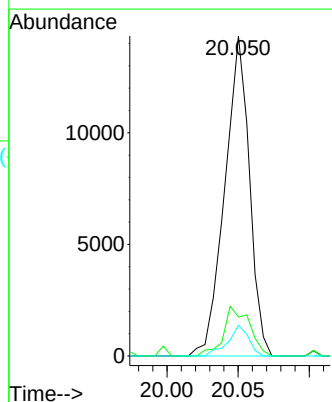
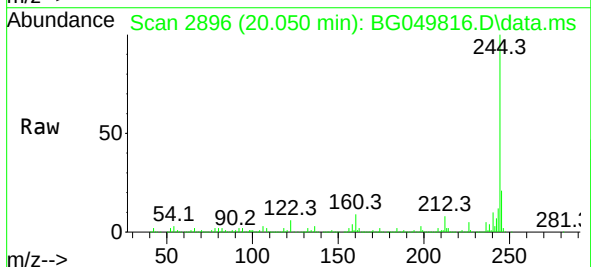
Instrument :
BNA_G
ClientSampleId :
124030

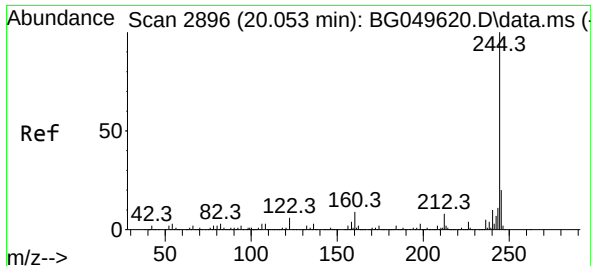
Tgt Ion:240 Resp: 169332
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 25.8 21.8 32.6



#77
Benzidine
Concen: 3.984 ng
RT: 20.050 min Scan# 2896
Delta R.T. 0.373 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Tgt Ion:184 Resp: 17283
Ion Ratio Lower Upper
184 100
185 12.2 10.7 16.1
183 9.6 9.4 14.0

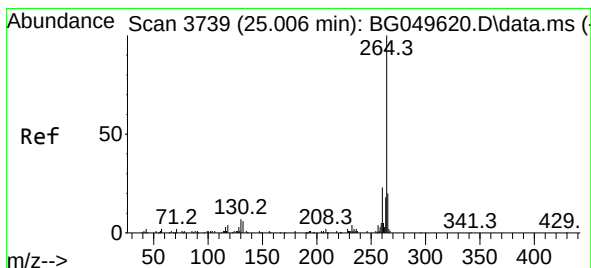
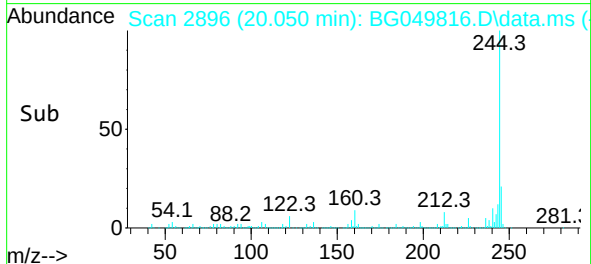
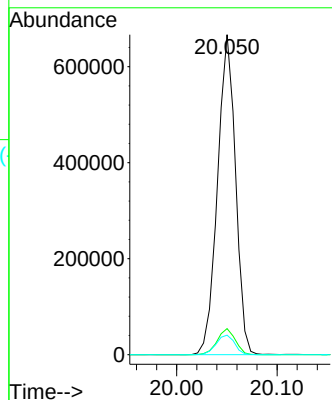
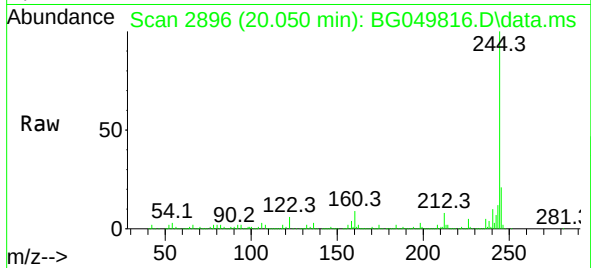




#79
 Terphenyl-d14
 Concen: 89.297 ng
 RT: 20.050 min Scan# 2896
 Delta R.T. -0.003 min
 Lab File: BG049816.D
 Acq: 12 Aug 2021 13:41

Instrument :
 BNA_G
 ClientSampleId :
 124030

Tgt Ion:244 Resp: 832551
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 6.1 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.002 min Scan# 3739
 Delta R.T. -0.003 min
 Lab File: BG049816.D
 Acq: 12 Aug 2021 13:41

Tgt Ion:264 Resp: 176890
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 20.7 16.9 25.3

