

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049874.D
 Acq On : 17 Aug 2021 12:24
 Operator : CG/JU
 Sample : M3412-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PG-2

Quant Time: Aug 17 13:13:28 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)

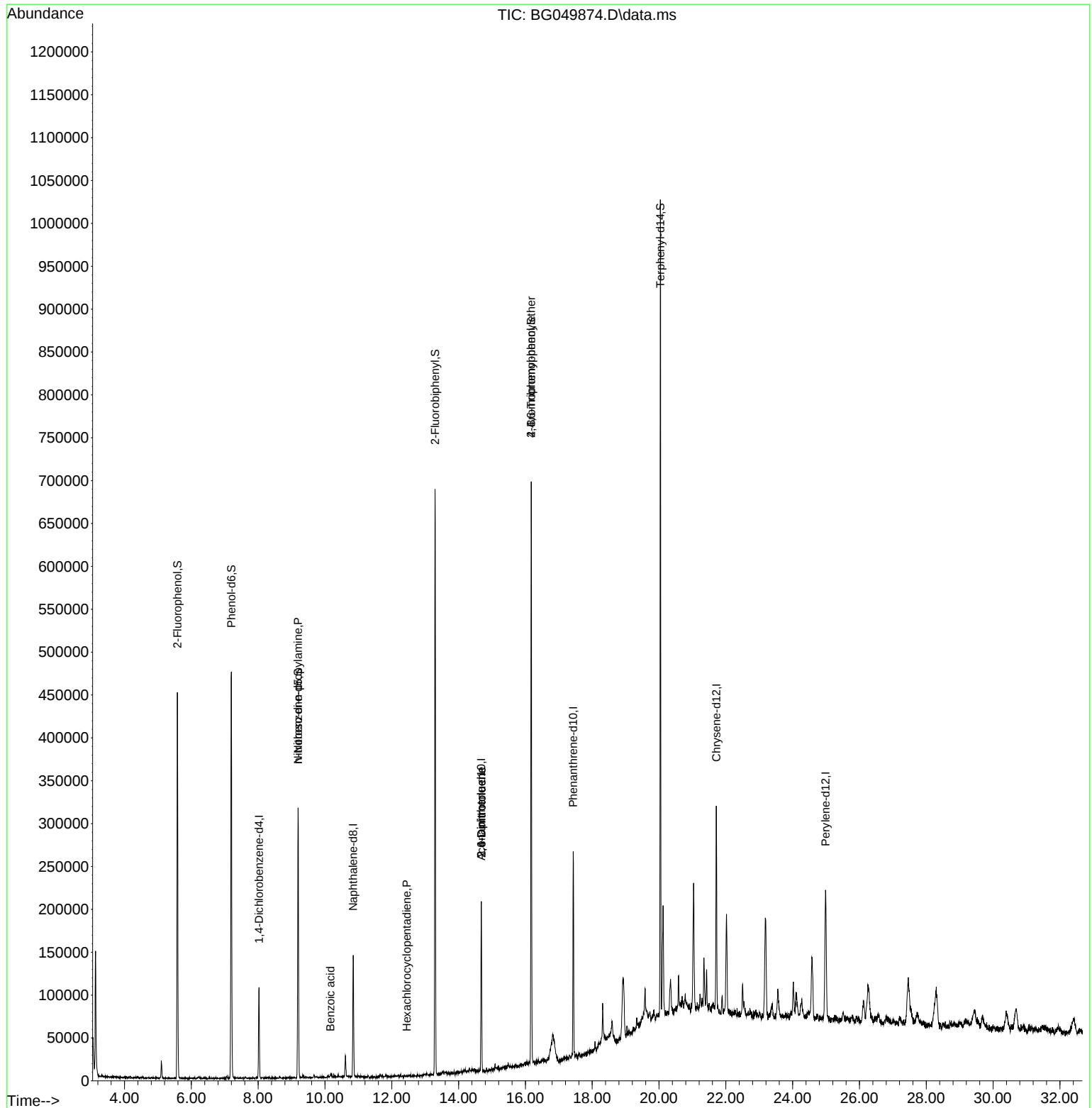
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	28352	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	115668	20.000	ng	# 0.00
39) Acenaphthene-d10	14.676	164	73097	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	148121	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	143911	20.000	ng	0.00
86) Perylene-d12	24.985	264	154938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.582	112	180738	114.275	ng	0.00
7) Phenol-d6	7.198	99	254994	106.508	ng	0.00
23) Nitrobenzene-d5	9.195	82	192847	73.778	ng	0.00
42) 2,4,6-Tribromophenol	16.174	330	126303	117.554	ng	0.00
45) 2-Fluorobiphenyl	13.295	172	346491	68.973	ng	0.00
79) Terphenyl-d14	20.039	244	439426	55.457	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.195	70	28074	17.523	ng	# 68
32) Benzoic acid	10.164	122	74	5.007	ng	# 1
41) Hexachlorocyclopentadiene	12.449	237	64	3.593	ng	# 31
51) 2,6-Dinitrotoluene	14.682	165	9501	7.824	ng	# 11
57) 2,4-Dinitrotoluene	14.682	165	9501	5.571	ng	# 17
67) 4-Bromophenyl-phenylether	16.174	248	7977	4.573	ng	# 1

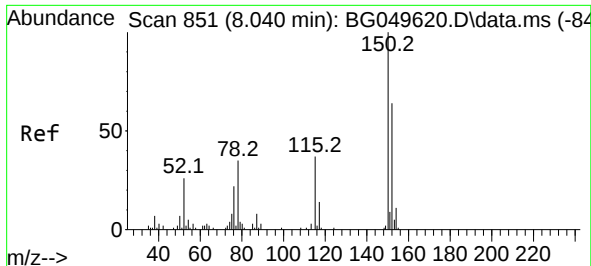
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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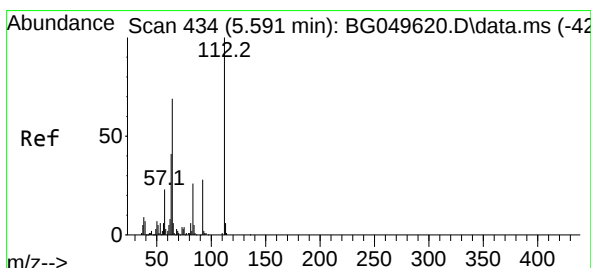
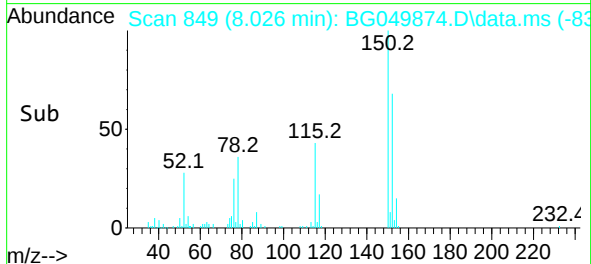
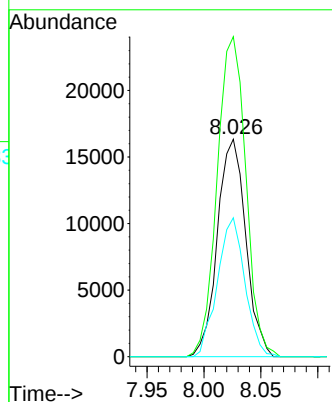
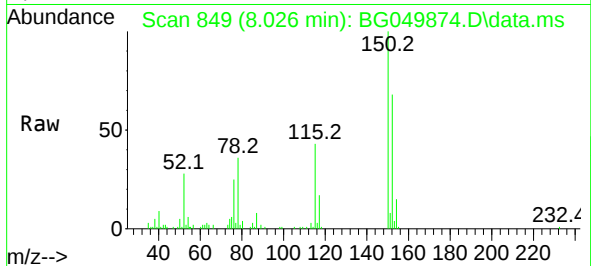




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.026 min Scan# 849
Delta R.T. -0.002 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

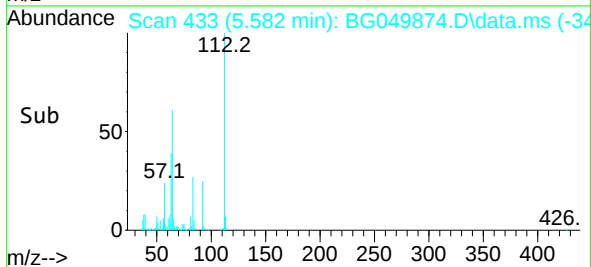
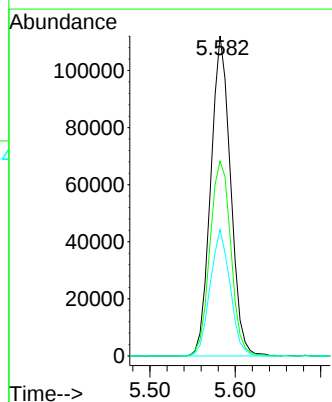
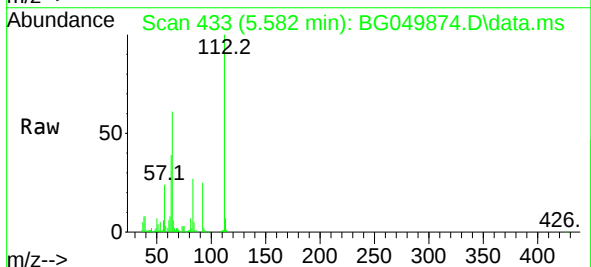
Instrument :
BNA_G
ClientSampled :
PG-2

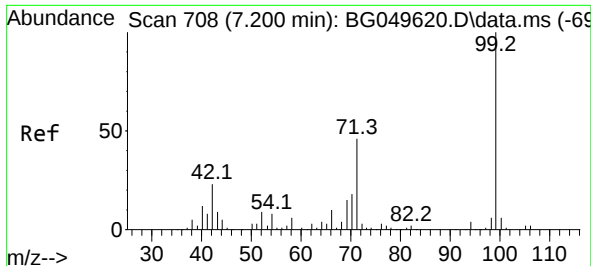
Tgt Ion:152 Resp: 28352
Ion Ratio Lower Upper
152 100
150 147.2 119.4 179.0
115 63.9 60.2 90.4



#5
2-Fluorophenol
Concen: 114.275 ng
RT: 5.582 min Scan# 433
Delta R.T. 0.004 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

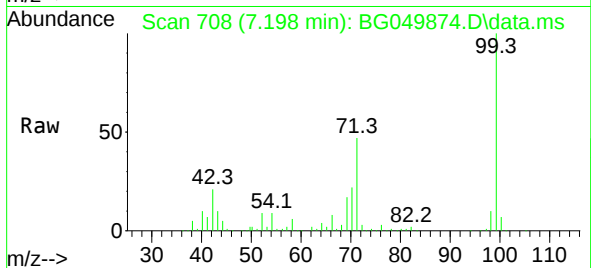
Tgt Ion:112 Resp: 180738
Ion Ratio Lower Upper
112 100
64 60.9 46.7 70.1
63 39.5 35.3 52.9



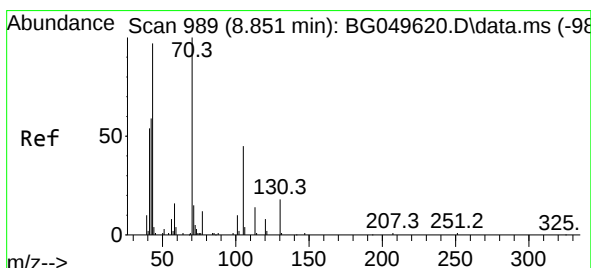
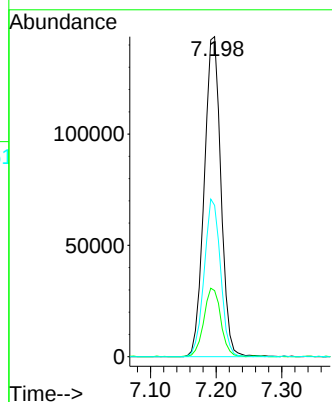
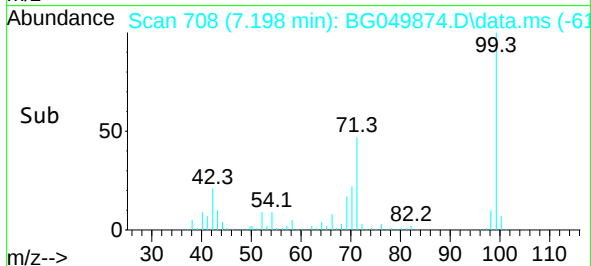


#7
Phenol-d6
Concen: 106.508 ng
RT: 7.198 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

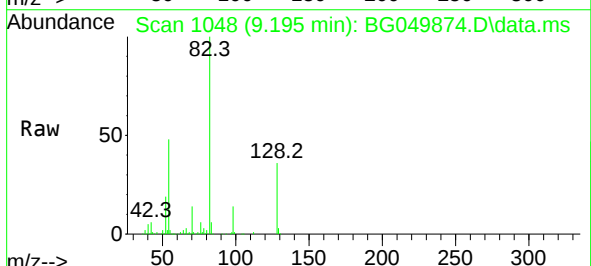
Instrument :
BNA_G
ClientSampled :
PG-2



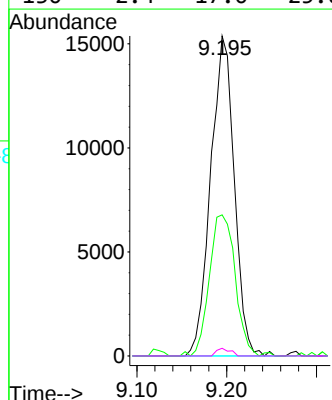
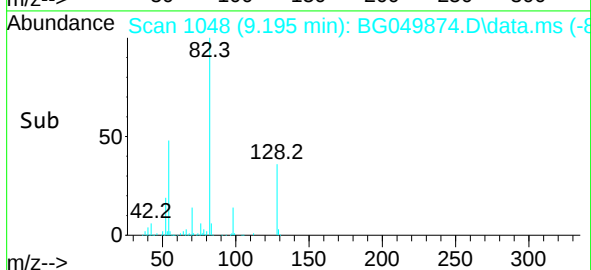
Tgt Ion: 99 Resp: 254994
Ion Ratio Lower Upper
99 100
42 20.6 20.5 30.7
71 47.3 41.5 62.3

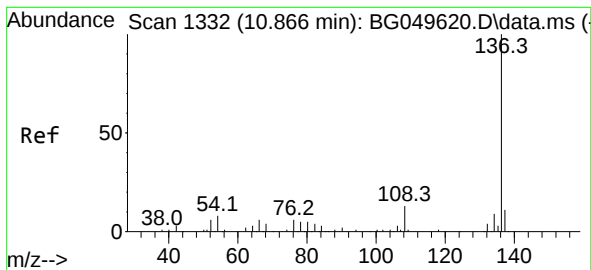


#19
n-Nitroso-di-n-propylamine
Concen: 17.523 ng
RT: 9.195 min Scan# 1048
Delta R.T. 0.356 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24



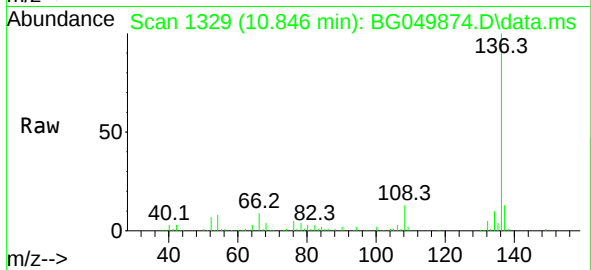
Tgt Ion: 70 Resp: 28074
Ion Ratio Lower Upper
70 100
42 44.1 54.5 81.7#
101 0.0 9.0 13.6#
130 2.4 17.0 25.6#



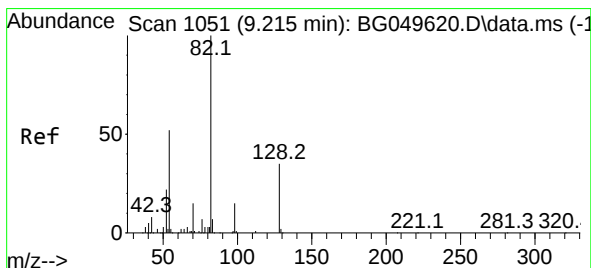
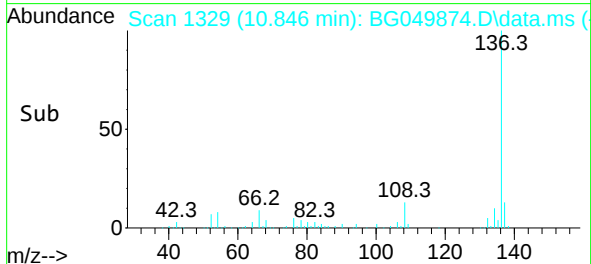
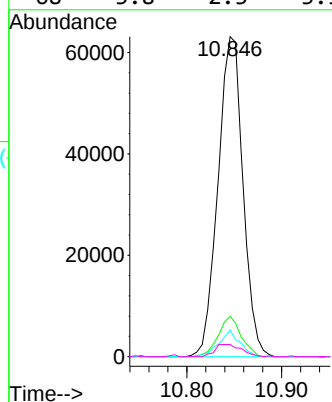


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

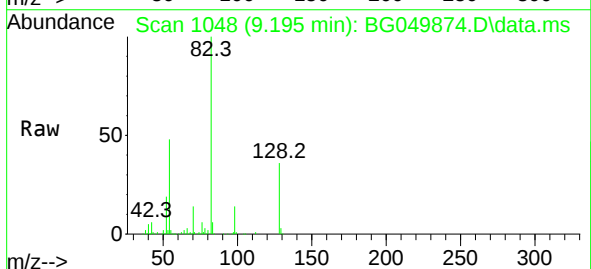
Instrument :
BNA_G
ClientSampled :
PG-2



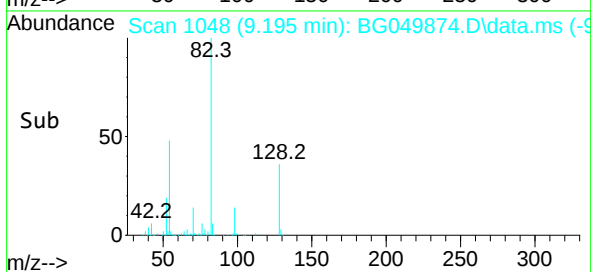
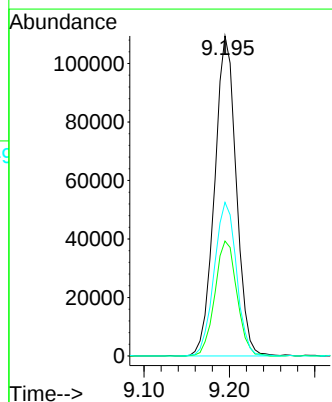
Tgt Ion:	136	Resp:	115668
Ion Ratio	Lower	Upper	
136	100		
137	12.6	8.2	12.2#
54	8.3	5.5	8.3#
68	3.8	2.3	3.5#

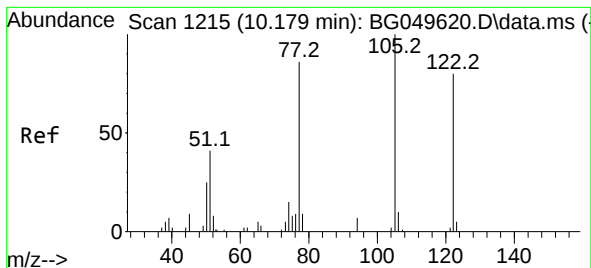


#23
Nitrobenzene-d5
Concen: 73.778 ng
RT: 9.195 min Scan# 1048
Delta R.T. -0.002 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24



Tgt Ion:	82	Resp:	192847
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.6
54	48.0	45.8	68.8

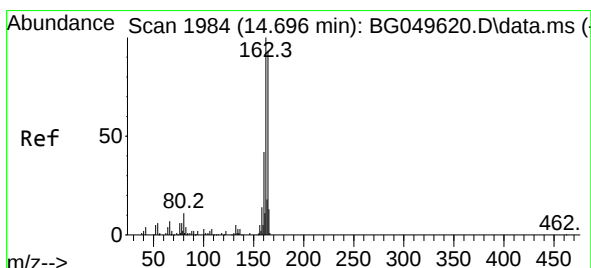
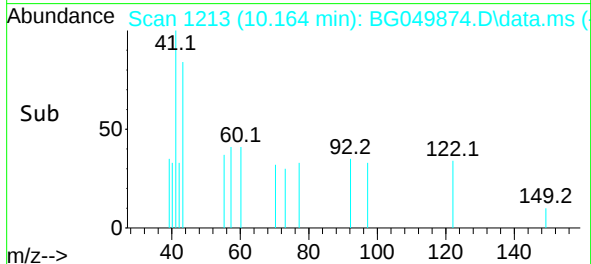
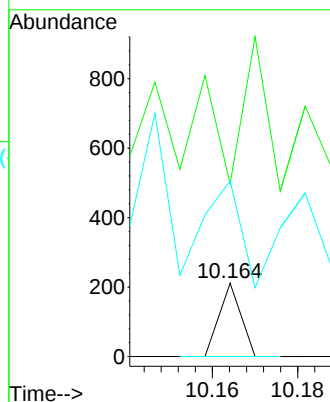
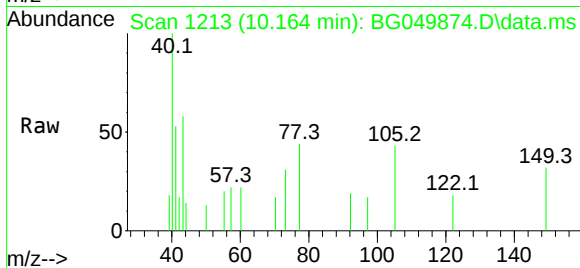




#32
Benzoic acid
Concen: 5.007 ng
RT: 10.164 min Scan# 1213
Delta R.T. -0.002 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

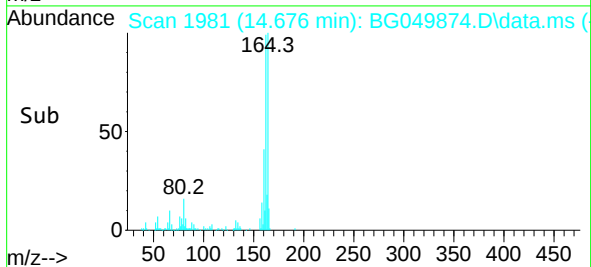
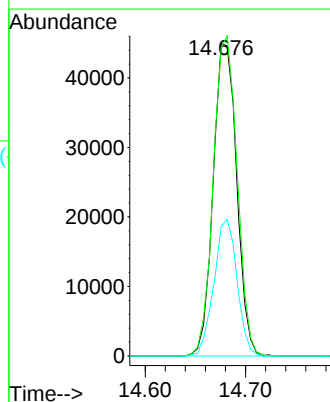
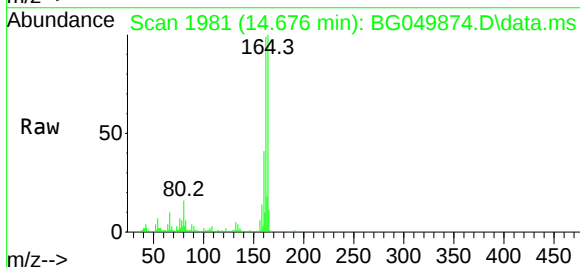
Instrument :
BNA_G
ClientSampled :
PG-2

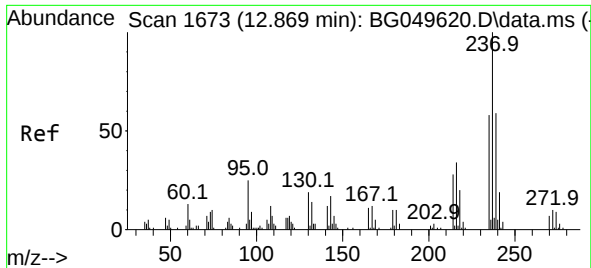
Tgt Ion:	122	Resp:	74
Ion	Ratio	Lower	Upper
122	100		
105	235.5	92.3	132.3#
77	239.8	66.5	106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.676 min Scan# 1981
Delta R.T. -0.008 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

Tgt Ion:	164	Resp:	73097
Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.4	122.0
160	41.5	34.9	52.3

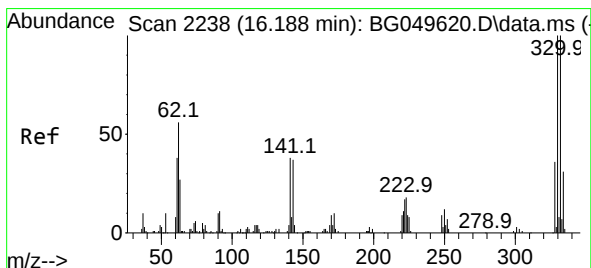
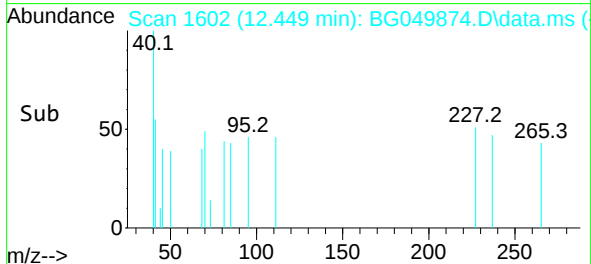
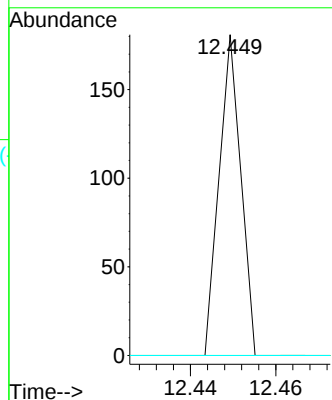
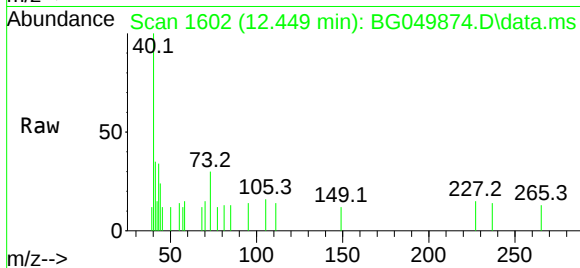




#41
Hexachlorocyclopentadiene
Concen: 3.593 ng
RT: 12.449 min Scan# 1602
Delta R.T. -0.402 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

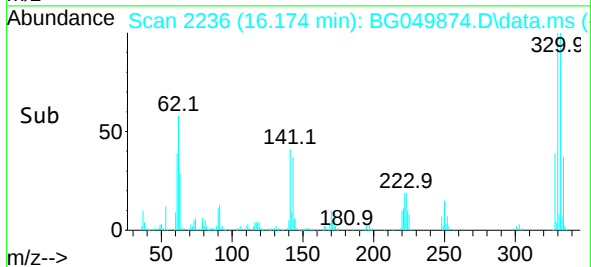
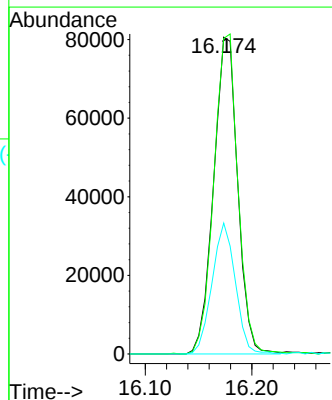
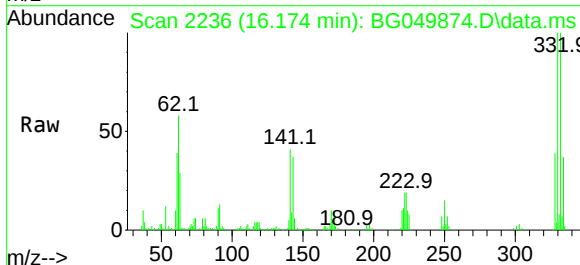
Instrument :
BNA_G
ClientSampled :
PG-2

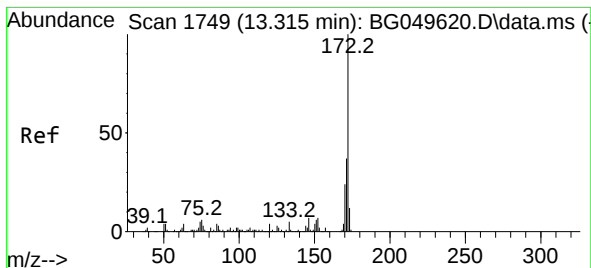
Tgt Ion:237 Resp: 64
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 117.554 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

Tgt Ion:330 Resp: 126303
Ion Ratio Lower Upper
330 100
332 101.1 77.3 115.9
141 39.9 35.6 53.4

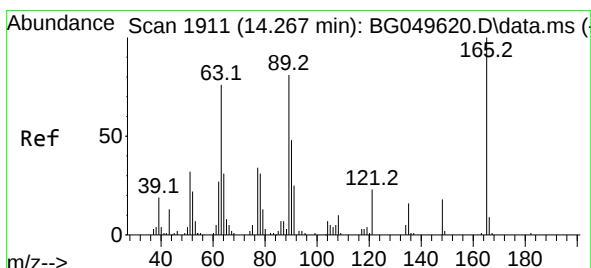
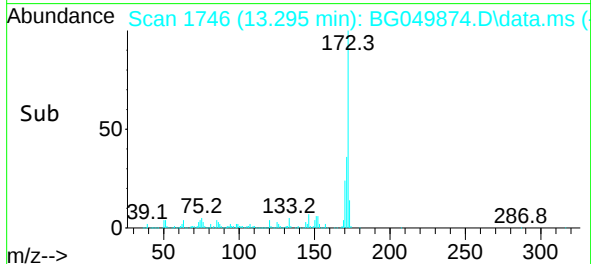
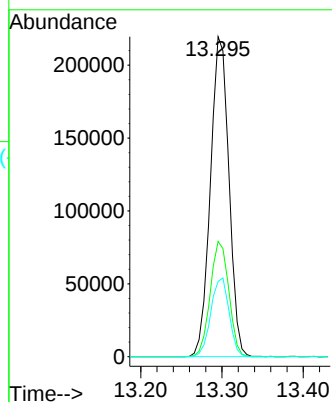
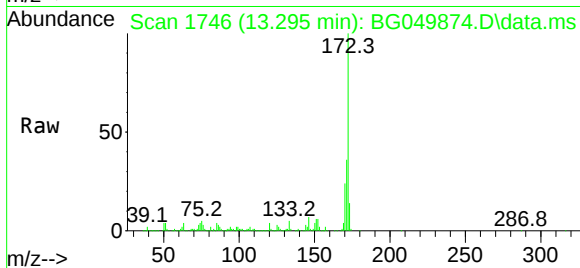




#45
2-Fluorobiphenyl
Concen: 68.973 ng
RT: 13.295 min Scan# 1746
Delta R.T. -0.008 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

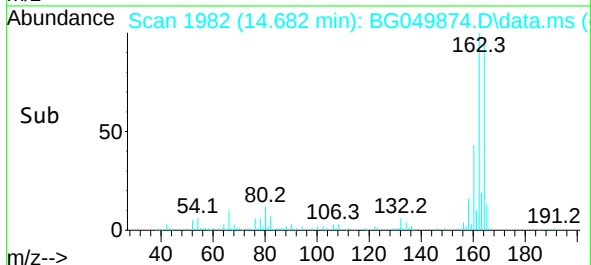
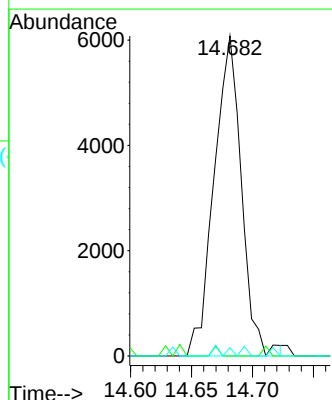
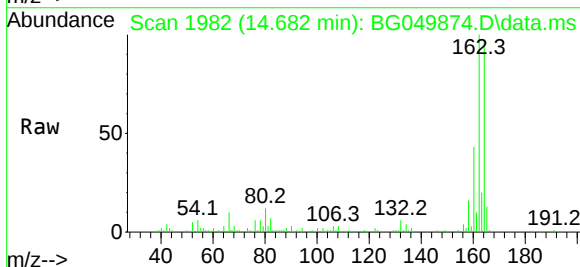
Instrument :
BNA_G
ClientSampled :
PG-2

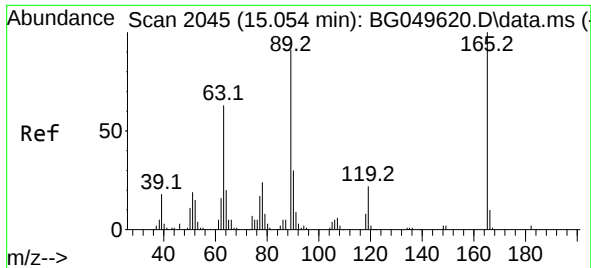
Tgt Ion:172 Resp: 346491
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.824 ng
RT: 14.682 min Scan# 1982
Delta R.T. 0.427 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

Tgt Ion:165 Resp: 9501
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.6 63.4 95.0#

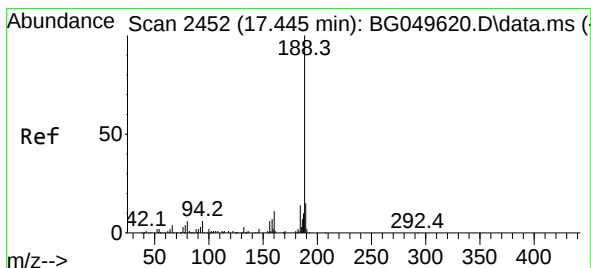
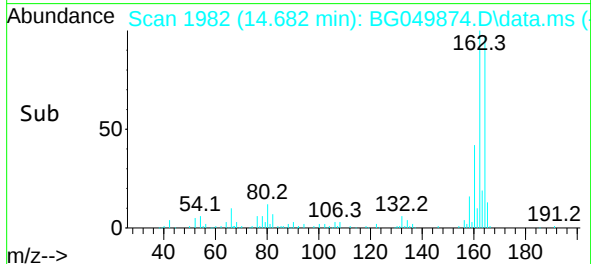
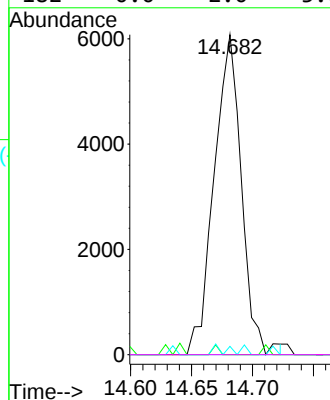
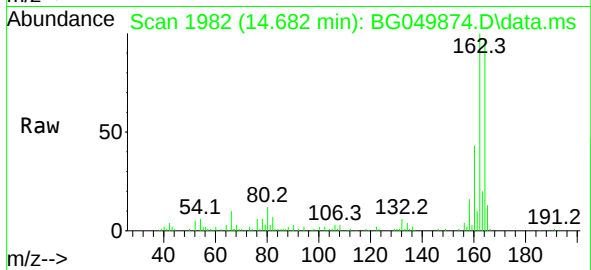




#57
2,4-Dinitrotoluene
Concen: 5.571 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.366 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

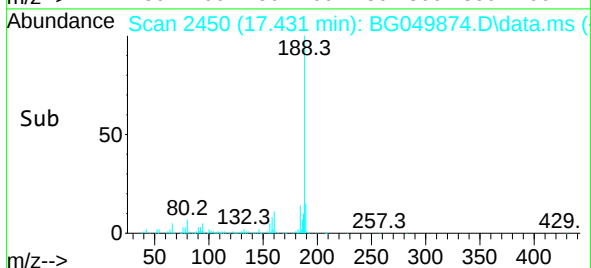
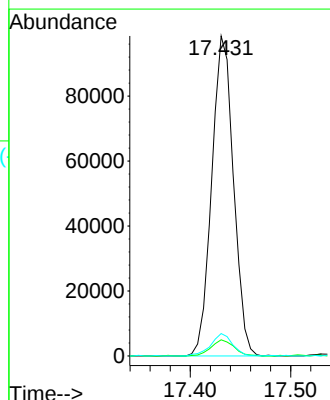
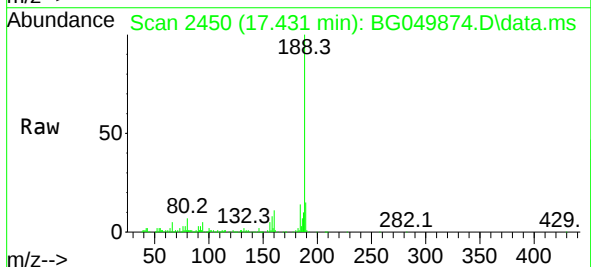
Instrument :
BNA_G
ClientSampleId :
PG-2

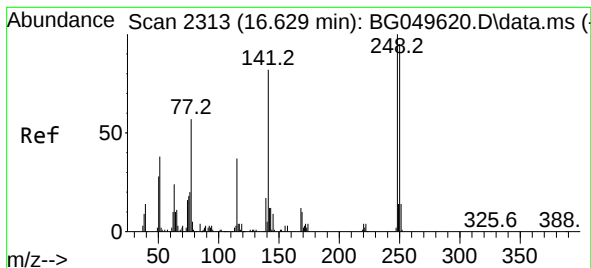
Tgt Ion:165	Resp:	9501
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	2.6	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

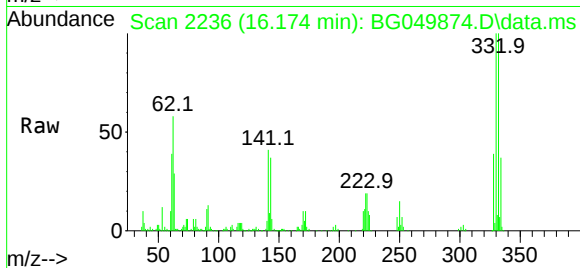
Tgt Ion:188	Resp:	148121
Ion Ratio	Lower	Upper
188	100	
94	5.1	5.4 8.0#
80	7.0	3.7 5.5#



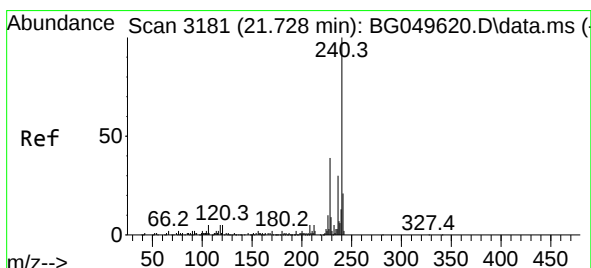
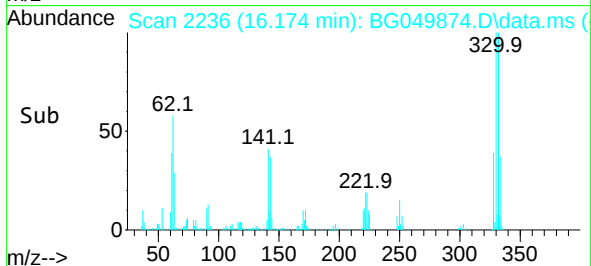
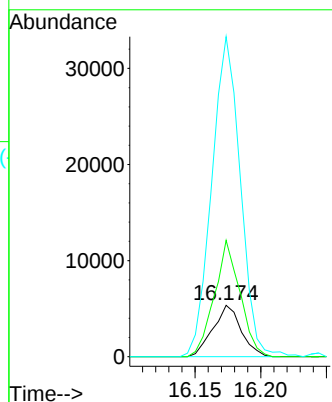


#67
4-Bromophenyl-phenylether
Concen: 4.573 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.443 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

Instrument :
BNA_G
ClientSampled :
PG-2

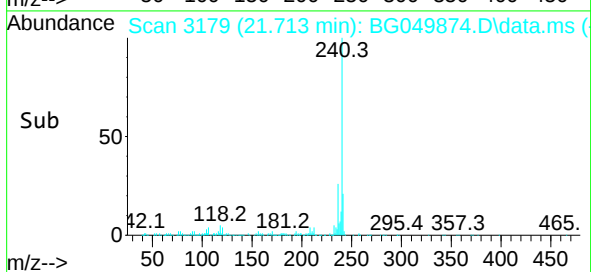
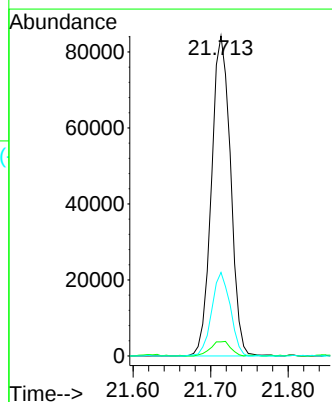
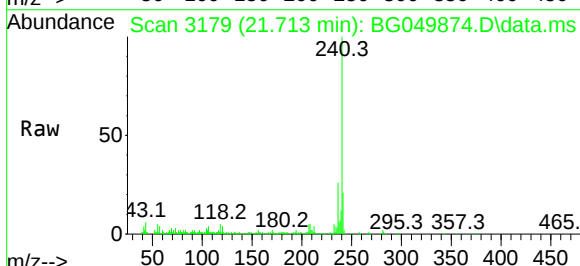


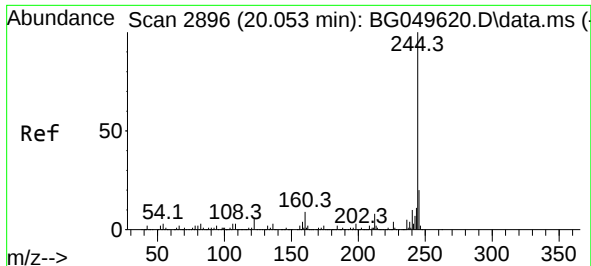
Tgt Ion:248 Resp: 7977
Ion Ratio Lower Upper
248 100
250 226.2 76.1 114.1#
141 622.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.008 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

Tgt Ion:240 Resp: 143911
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 26.1 21.8 32.6

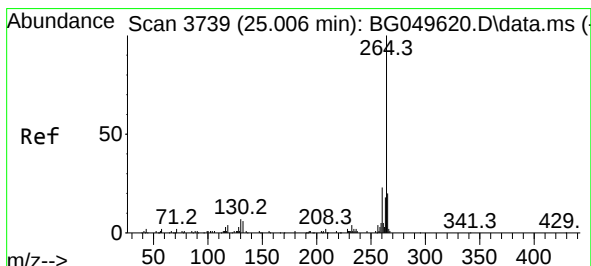
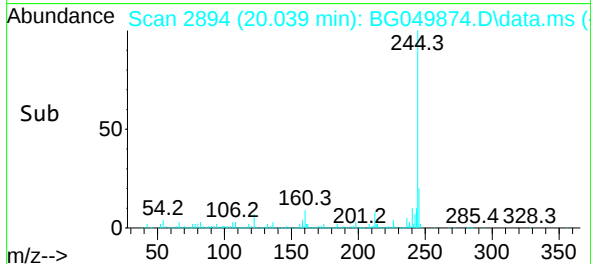
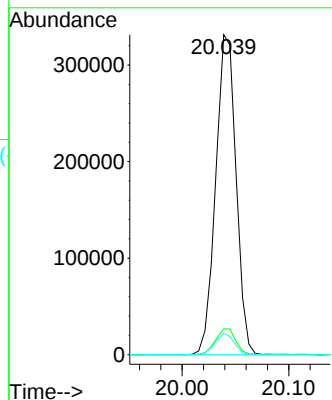
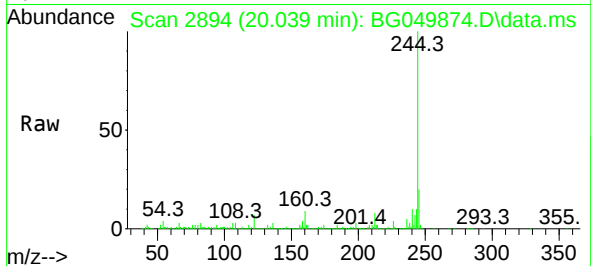




#79
Terphenyl-d14
Concen: 55.457 ng
RT: 20.039 min Scan# 2894
Delta R.T. -0.008 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

Instrument :
BNA_G
ClientSampleId :
PG-2

Tgt Ion:244 Resp: 439426
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.7 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.985 min Scan# 3736
Delta R.T. -0.002 min
Lab File: BG049874.D
Acq: 17 Aug 2021 12:24

Tgt Ion:264 Resp: 154938
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.0 16.9 25.3

