

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049951.D
 Acq On : 24 Aug 2021 14:00
 Operator : CG/JU
 Sample : M3463-33
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-27-0002

Quant Time: Aug 24 15:26:59 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 23 16:13:24 2021
 Response via : Initial Calibration

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

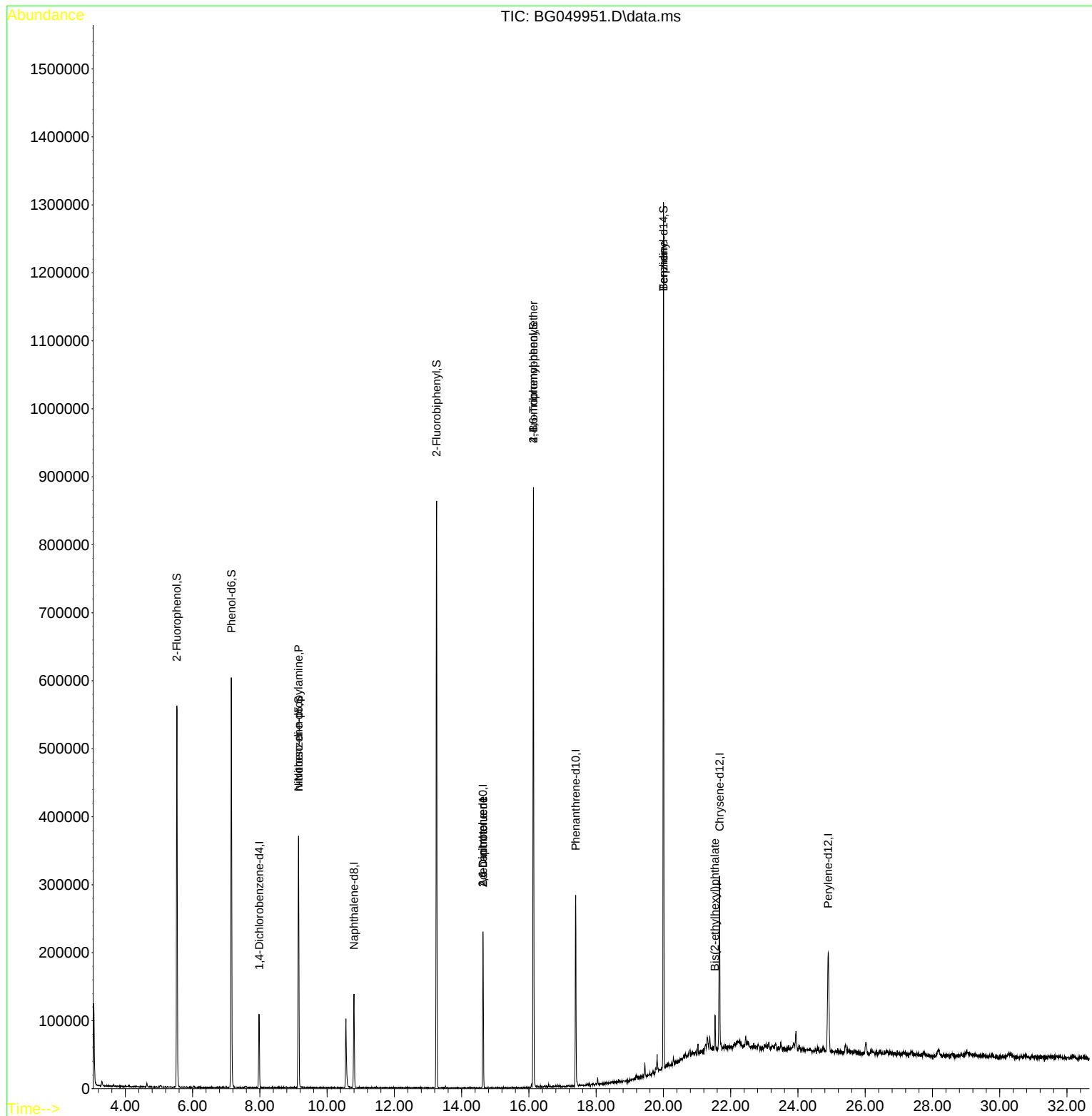
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	30472	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	117205	20.000	ng	#-0.01
39) Acenaphthene-d10	14.636	164	81314	20.000	ng	-0.01
64) Phenanthrene-d10	17.391	188	169677	20.000	ng	#-0.01
76) Chrysene-d12	21.668	240	153264	20.000	ng	-0.01
86) Perylene-d12	24.899	264	152840	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	241400	142.011	ng	0.00
7) Phenol-d6	7.152	99	325353	126.441	ng	0.00
23) Nitrobenzene-d5	9.149	82	232032	87.604	ng	-0.01
42) 2,4,6-Tribromophenol	16.134	330	176169	147.396	ng	-0.01
45) 2-Fluorobiphenyl	13.256	172	448716	80.296	ng	0.00
79) Terphenyl-d14	20.005	244	610450	72.339	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.149	70	34582	20.083	ng	# 69
51) 2,6-Dinitrotoluene	14.636	165	10745	7.955	ng	# 10
57) 2,4-Dinitrotoluene	14.636	165	10745	5.664	ng	# 15
67) 4-Bromophenyl-phenylether	16.134	248	9890	4.949	ng	# 1
77) Benzidine	20.005	184	12385	3.154	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.533	149	21950	3.897	ng	# 92

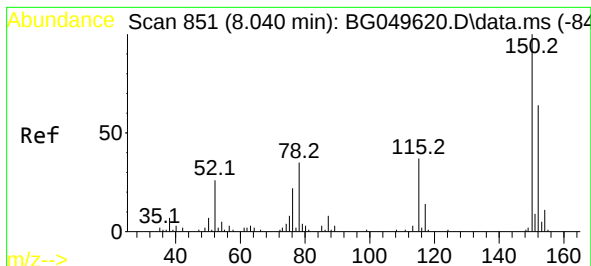
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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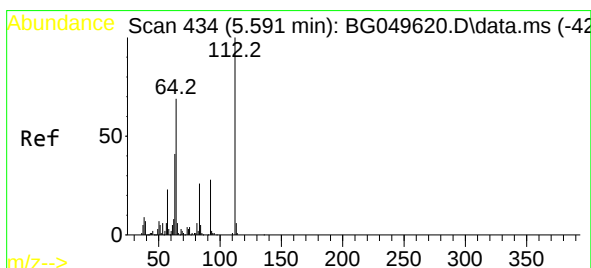
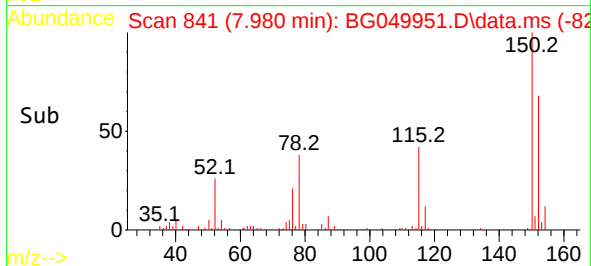
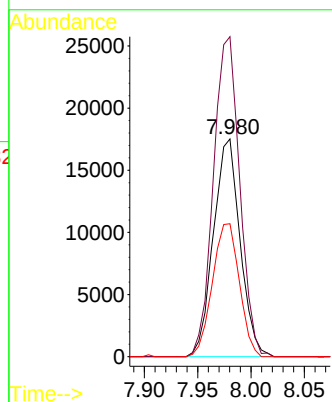
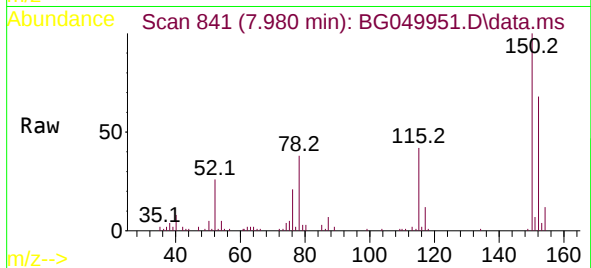




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.980 min Scan# 841
Delta R.T. -0.006 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

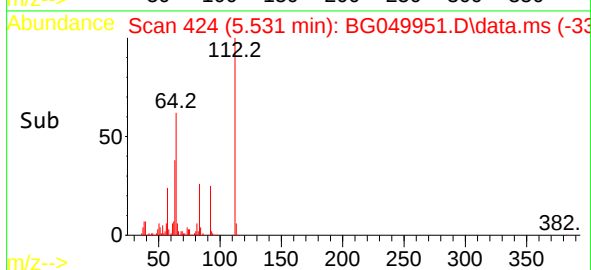
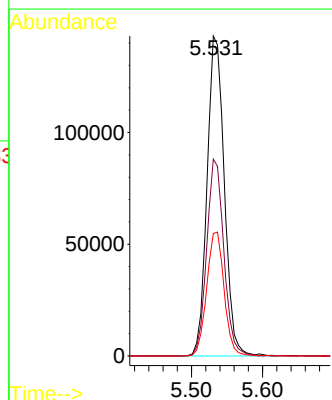
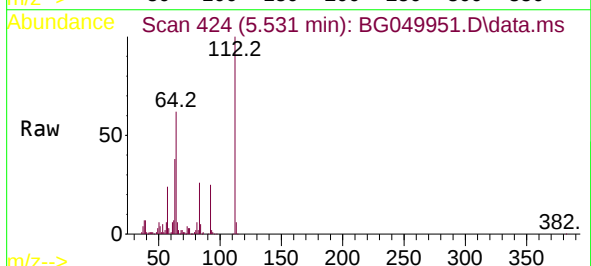
Instrument :
BNA_G
ClientSampleId :
SWCS-27-0002

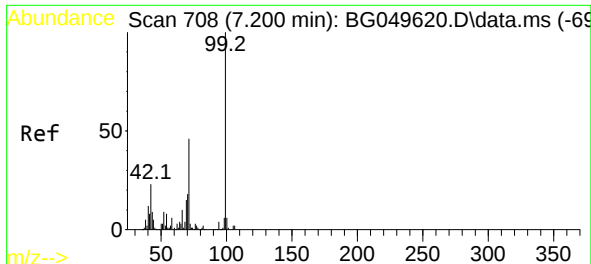
Tgt Ion:152 Resp: 30472
Ion Ratio Lower Upper
152 100
150 146.9 119.4 179.0
115 61.1 60.2 90.4



#5
2-Fluorophenol
Concen: 142.011 ng
RT: 5.531 min Scan# 424
Delta R.T. -0.006 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

Tgt Ion:112 Resp: 241400
Ion Ratio Lower Upper
112 100
64 61.5 46.7 70.1
63 38.3 35.3 52.9

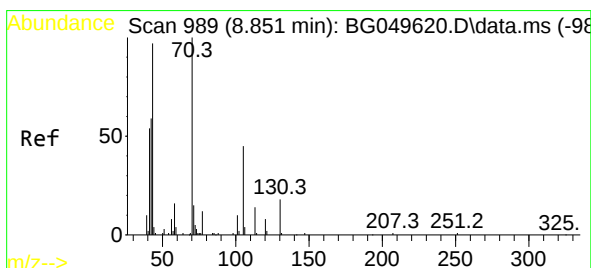
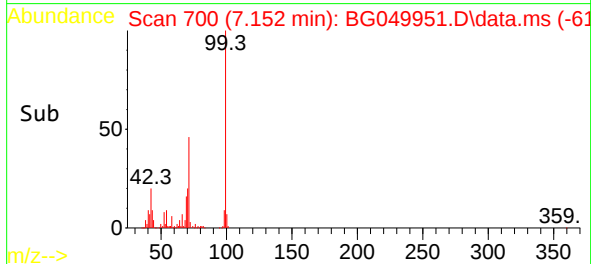
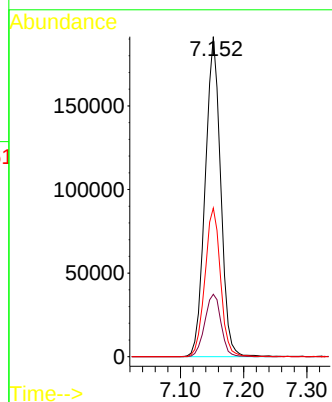
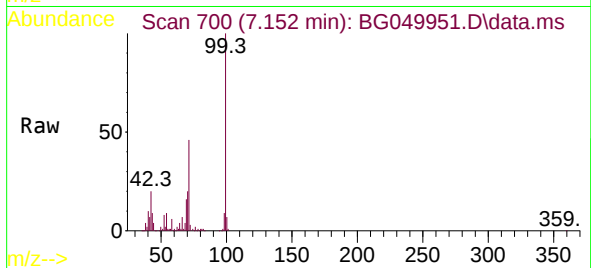




#7
Phenol-d6
Concen: 126.441 ng
RT: 7.152 min Scan# 700
Delta R.T. -0.006 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

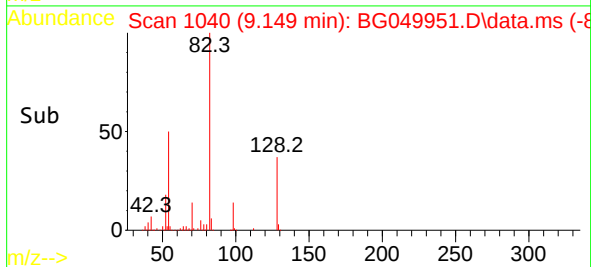
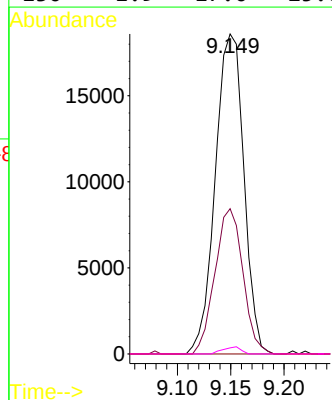
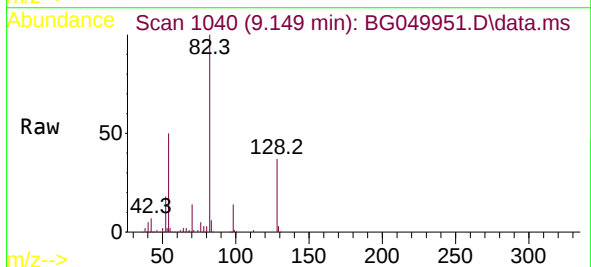
Instrument :
BNA_G
ClientSampleId :
SWCS-27-0002

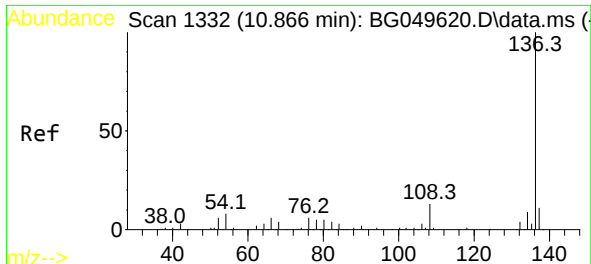
Tgt Ion: 99 Resp: 325353
Ion Ratio Lower Upper
99 100
42 19.5 20.5 30.7#
71 46.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.083 ng
RT: 9.149 min Scan# 1040
Delta R.T. 0.353 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

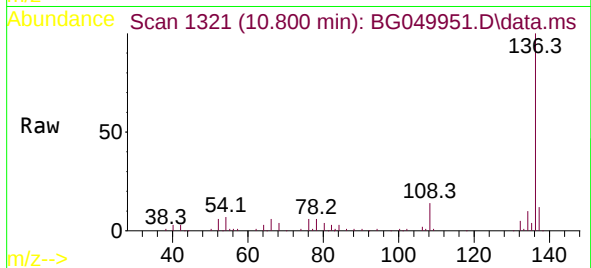
Tgt Ion: 70 Resp: 34582
Ion Ratio Lower Upper
70 100
42 45.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#



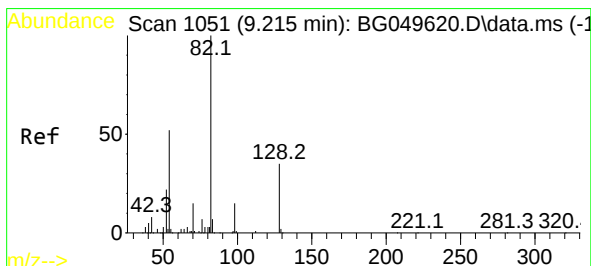
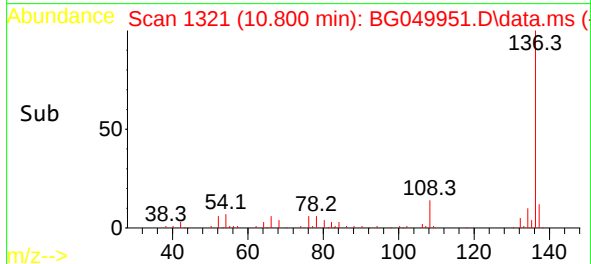
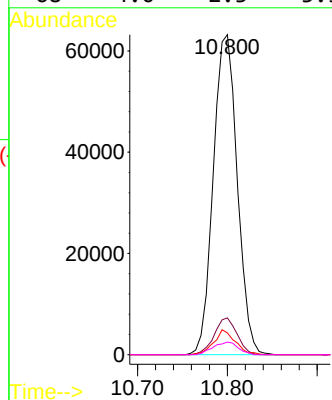


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

Instrument :
BNA_G
ClientSampleId :
SWCS-27-0002

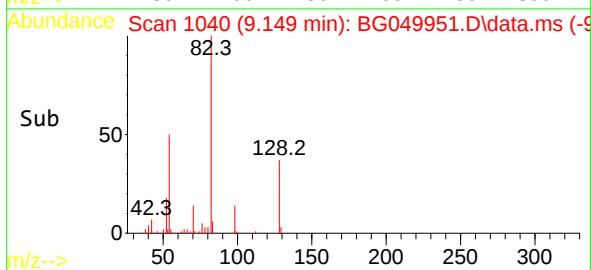
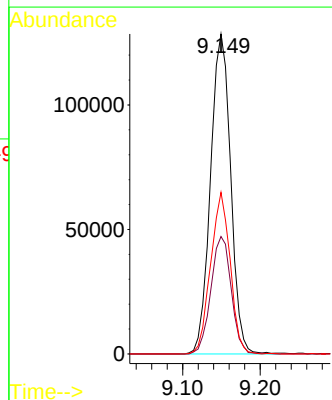
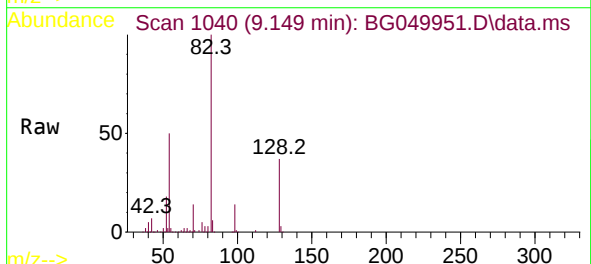


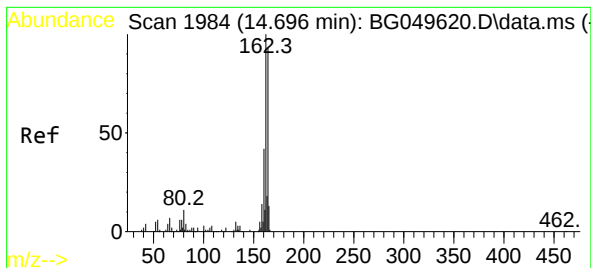
Tgt Ion:136 Resp: 117205
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 6.8 5.5 8.3
68 4.0 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 87.604 ng
RT: 9.149 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 82 Resp: 232032
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 50.5 45.8 68.8

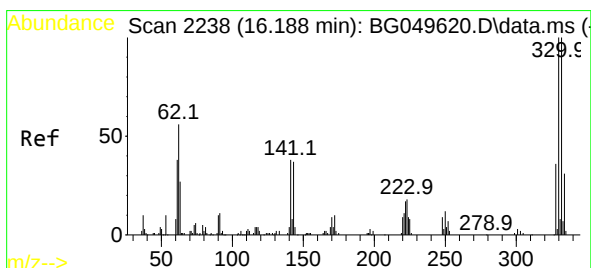
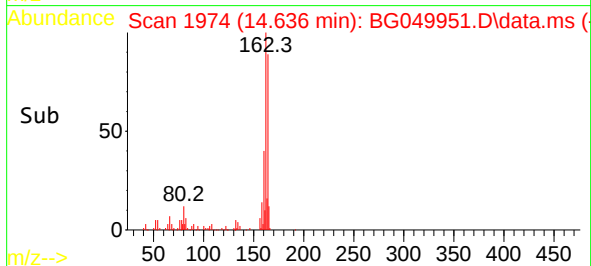
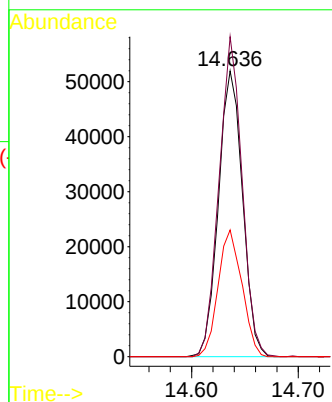
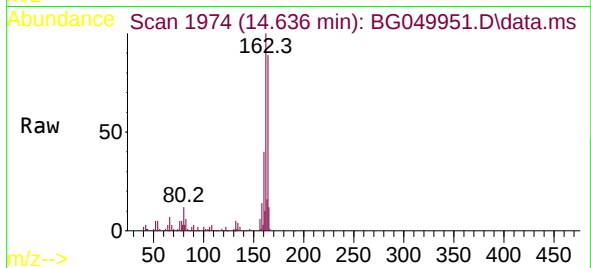




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

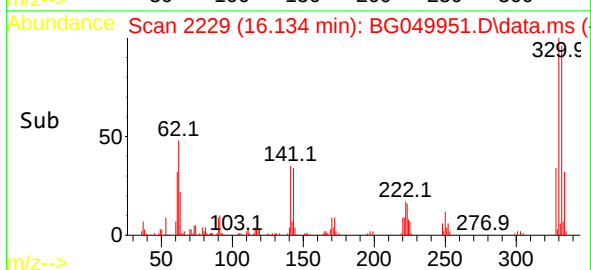
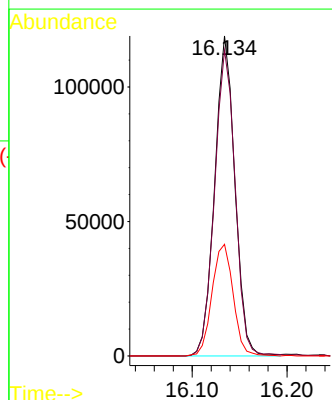
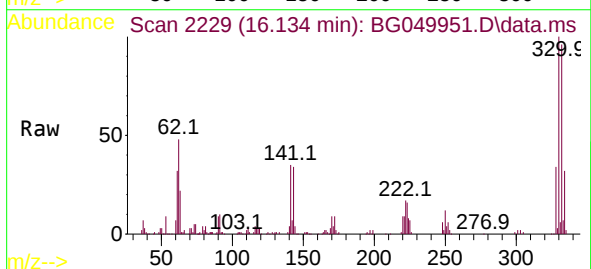
Instrument :
BNA_G
ClientSampleId :
SWCS-27-0002

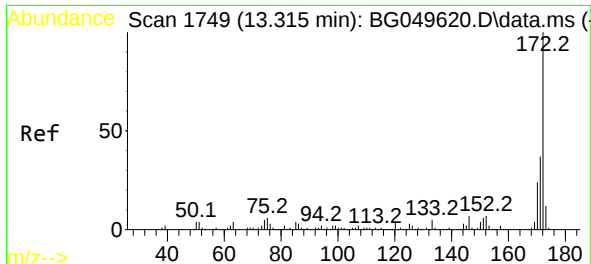
Tgt Ion:164 Resp: 81314
Ion Ratio Lower Upper
164 100
162 112.0 81.4 122.0
160 44.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 147.396 ng
RT: 16.134 min Scan# 2229
Delta R.T. -0.012 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

Tgt Ion:330 Resp: 176169
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 36.5 35.6 53.4

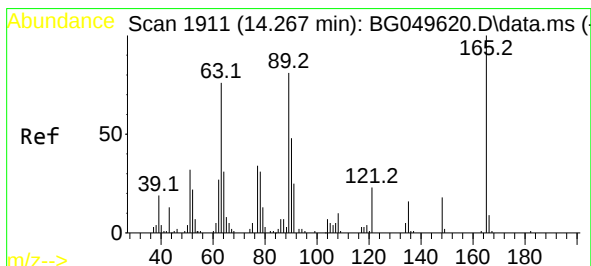
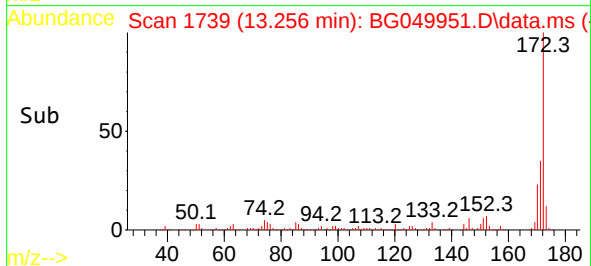
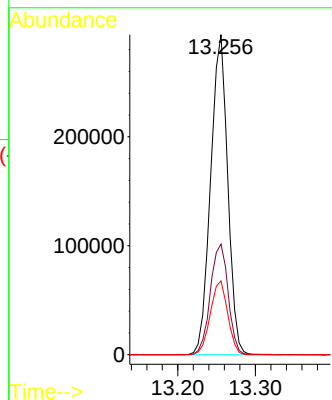
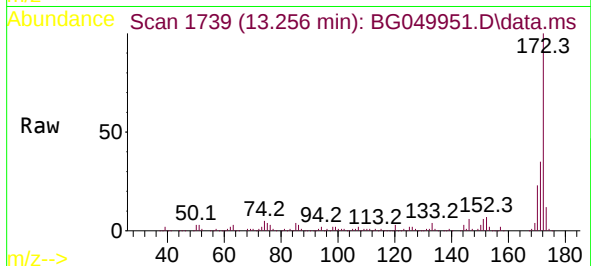




#45
2-Fluorobiphenyl
Concen: 80.296 ng
RT: 13.256 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

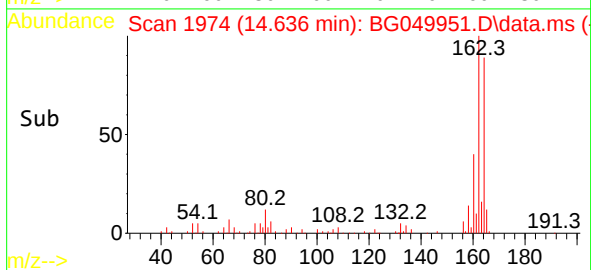
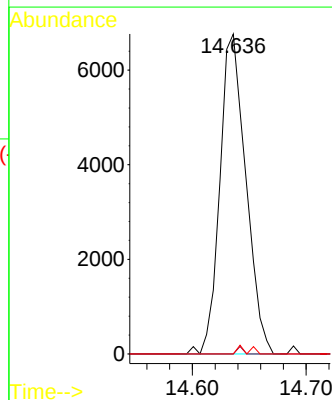
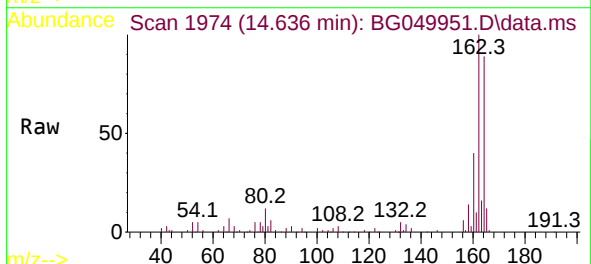
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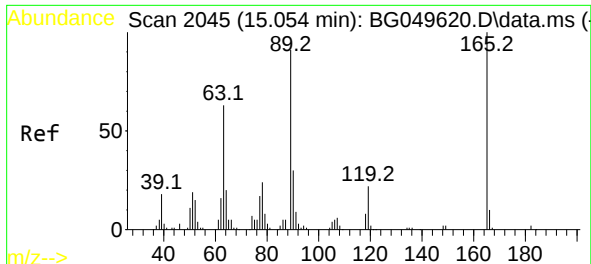
Tgt Ion:172 Resp: 448716
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.955 ng
RT: 14.636 min Scan# 1974
Delta R.T. 0.411 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

Tgt Ion:165 Resp: 10745
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

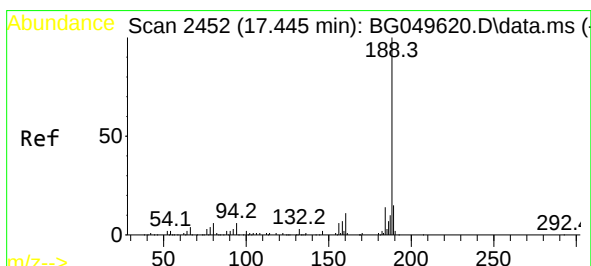
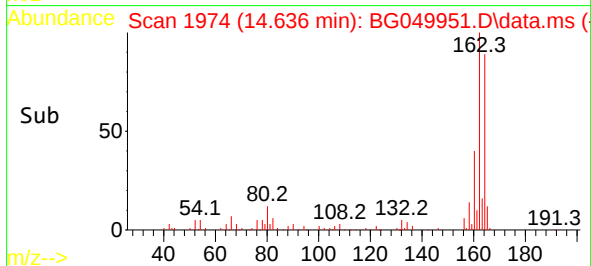
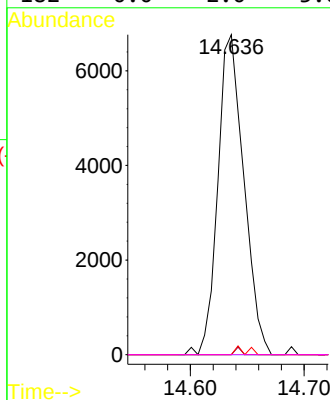
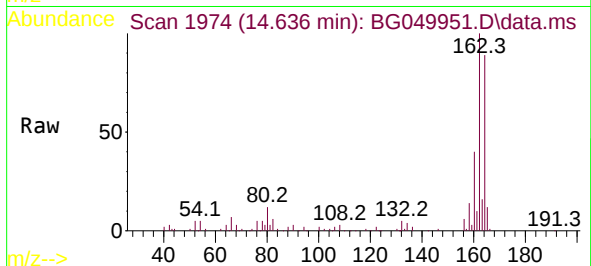




#57
2,4-Dinitrotoluene
Concen: 5.664 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.382 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

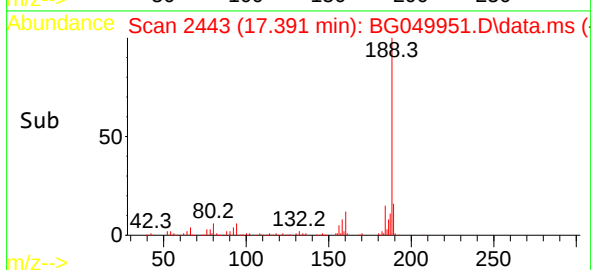
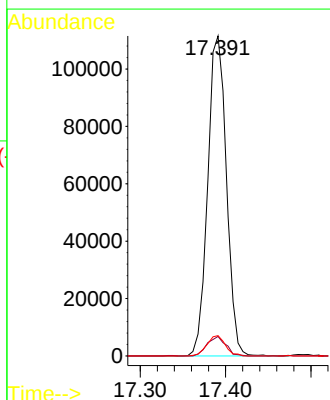
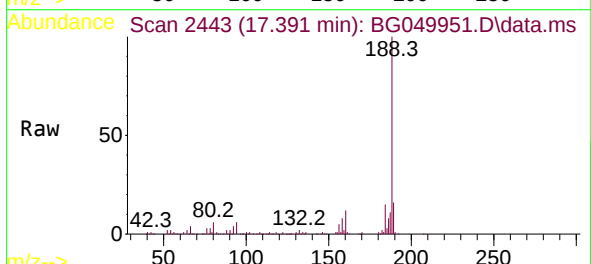
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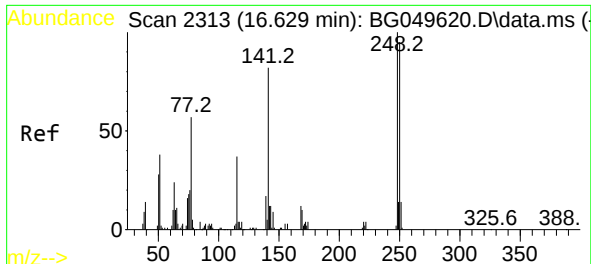
Tgt Ion:165	Resp:	10745
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

Tgt Ion:188	Resp:	169677
Ion Ratio	Lower	Upper
188	100	
94	6.1	5.4 8.0
80	6.3	3.7 5.5#

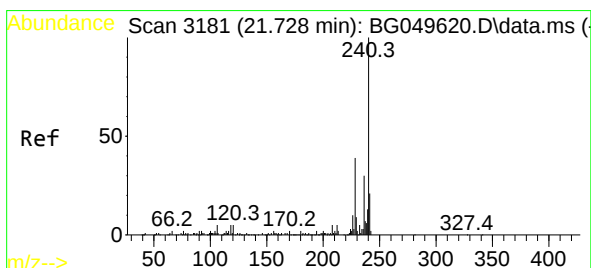
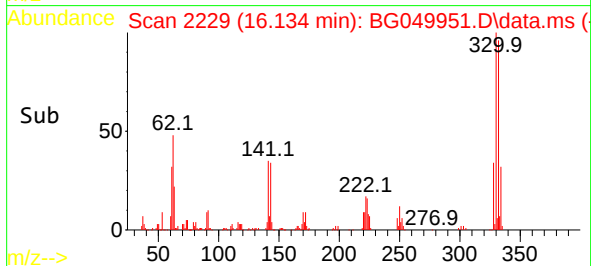
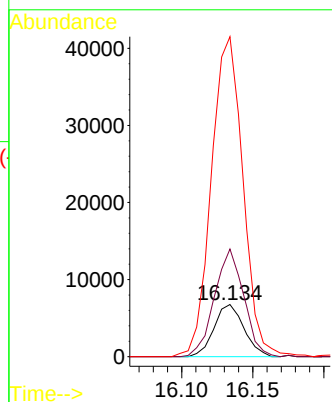
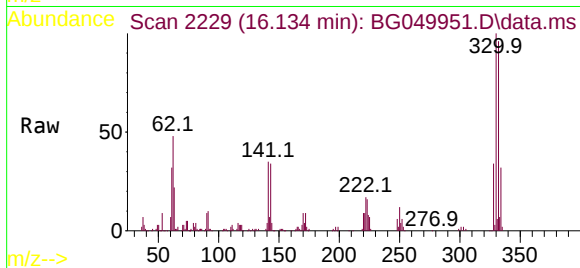




#67
4-Bromophenyl-phenylether
Concen: 4.949 ng
RT: 16.134 min Scan# 2229
Delta R.T. -0.446 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

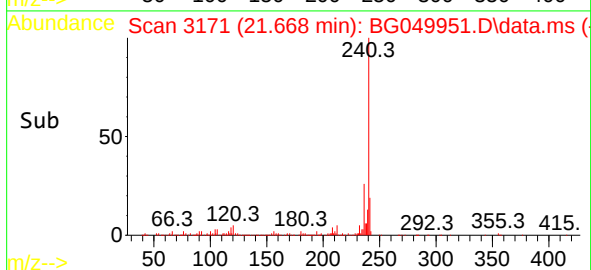
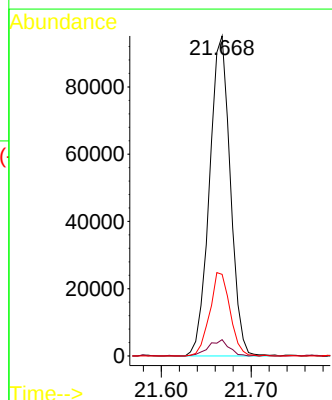
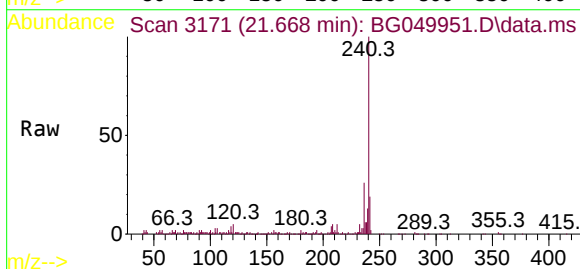
Instrument :
BNA_G
ClientSampleId :
SWCS-27-0002

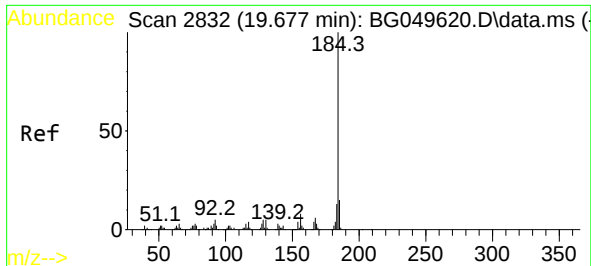
Tgt Ion:248 Resp: 9890
Ion Ratio Lower Upper
248 100
250 206.5 76.1 114.1#
141 613.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.668 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

Tgt Ion:240 Resp: 153264
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 25.5 21.8 32.6

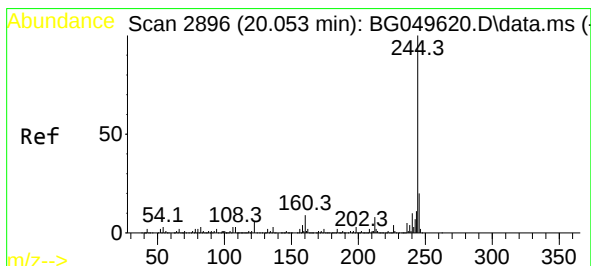
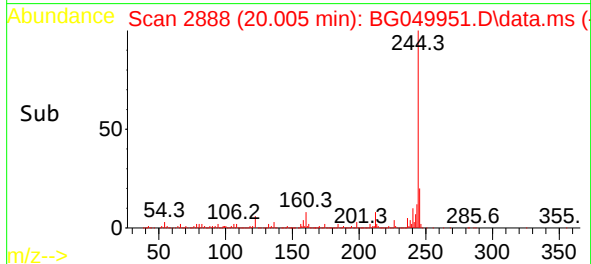
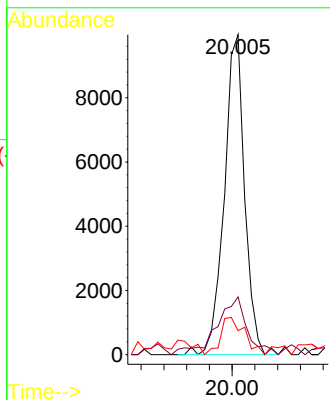
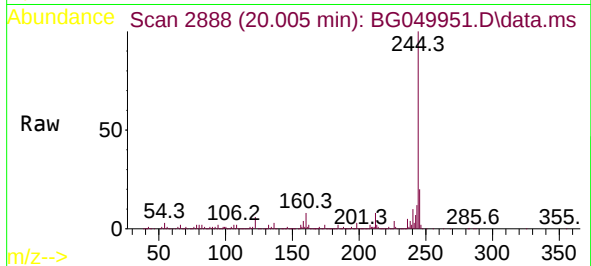




#77
Benzidine
Concen: 3.154 ng
RT: 20.005 min Scan# 2888
Delta R.T. 0.370 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

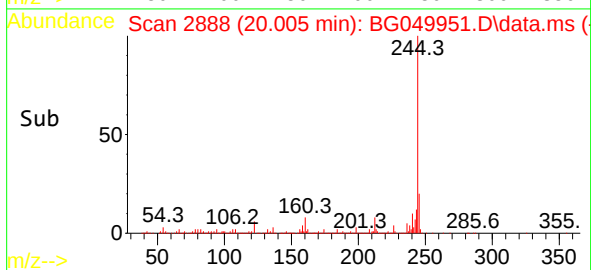
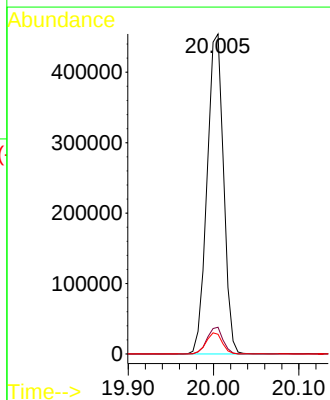
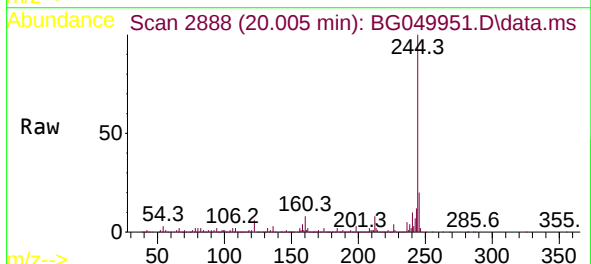
Instrument :
BNA_G
ClientSampleId :
SWCS-27-0002

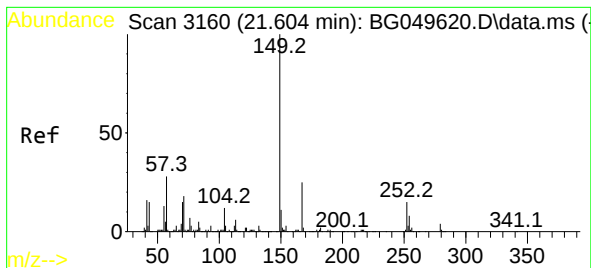
Tgt Ion:184 Resp: 12385
Ion Ratio Lower Upper
184 100
185 18.1 10.7 16.1#
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 72.339 ng
RT: 20.005 min Scan# 2888
Delta R.T. -0.006 min
Lab File: BG049951.D
Acq: 24 Aug 2021 14:00

Tgt Ion:244 Resp: 610450
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.1 5.0 7.6

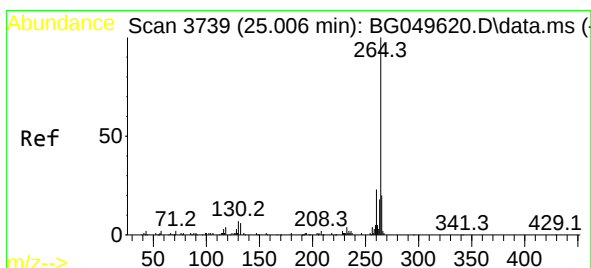
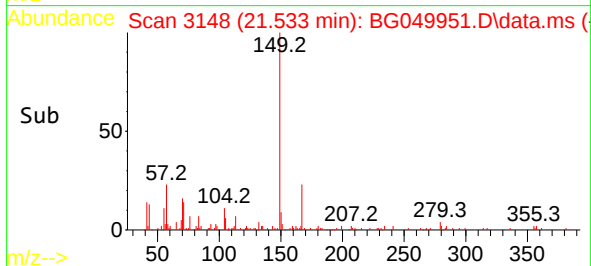
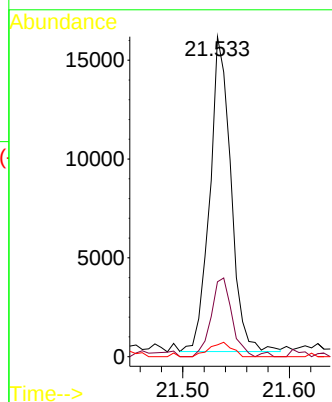
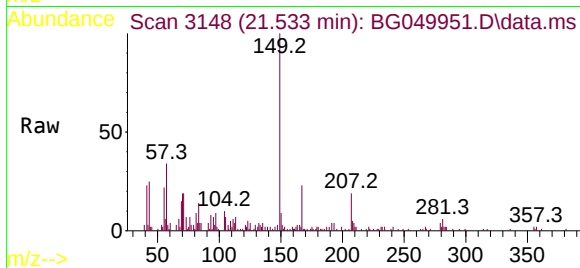




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.897 ng
 RT: 21.533 min Scan# 3148
 Delta R.T. -0.011 min
 Lab File: BG049951.D
 Acq: 24 Aug 2021 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-27-0002

Tgt Ion:149 Resp: 21950
 Ion Ratio Lower Upper
 149 100
 167 23.4 22.3 33.5
 279 3.7 3.8 5.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.899 min Scan# 3721
 Delta R.T. -0.023 min
 Lab File: BG049951.D
 Acq: 24 Aug 2021 14:00

Tgt Ion:264 Resp: 152840
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 20.6 16.9 25.3

