

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049950.D
 Acq On : 24 Aug 2021 13:19
 Operator : CG/JU
 Sample : M3463-29
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-25-0002

Quant Time: Aug 24 14:25:13 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)

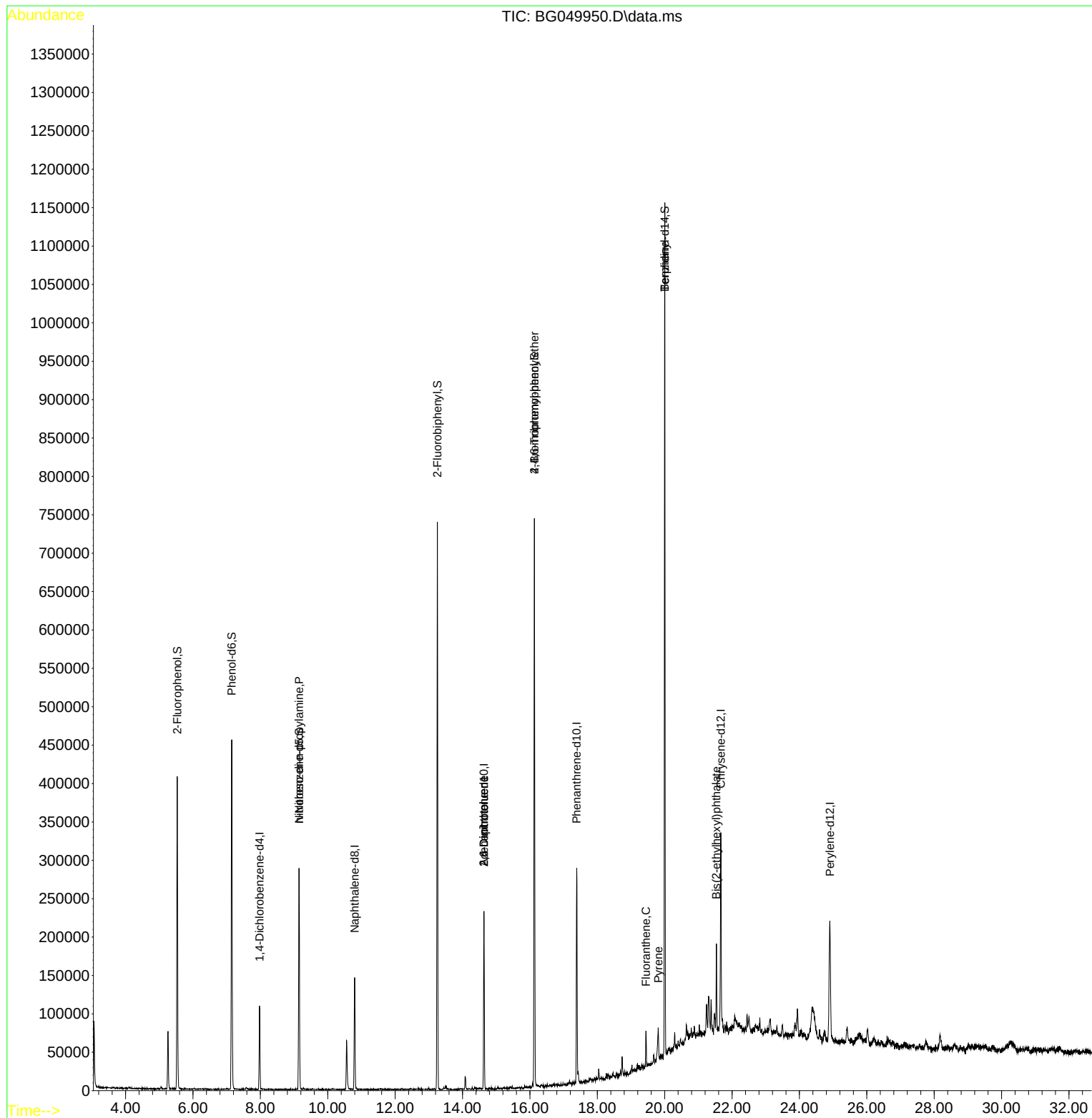
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	30856	20.000	ng	#-0.01
21) Naphthalene-d8	10.798	136	119579	20.000	ng	#-0.01
39) Acenaphthene-d10	14.634	164	82234	20.000	ng	-0.01
64) Phenanthrene-d10	17.389	188	177439	20.000	ng	#-0.01
76) Chrysene-d12	21.666	240	150174	20.000	ng	-0.01
86) Perylene-d12	24.903	264	155700	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	174464	101.356	ng	0.00
7) Phenol-d6	7.150	99	253317	97.221	ng	0.00
23) Nitrobenzene-d5	9.148	82	174999	64.760	ng	-0.01
42) 2,4,6-Tribromophenol	16.132	330	141866	117.368	ng	-0.01
45) 2-Fluorobiphenyl	13.254	172	375828	66.500	ng	0.00
79) Terphenyl-d14	20.003	244	505910	61.185	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.148	70	26528	15.214	ng	# 69
51) 2,6-Dinitrotoluene	14.634	165	10808	7.912	ng	# 13
57) 2,4-Dinitrotoluene	14.634	165	10808	5.633	ng	# 19
67) 4-Bromophenyl-phenylether	16.132	248	8968	4.291	ng	# 1
75) Fluoranthene	19.445	202	27576	2.401	ng	98
77) Benzidine	20.003	184	10249	2.664	ng	# 89
78) Pyrene	19.810	202	24340	2.377	ng	98
84) Bis(2-ethylhexyl)phtha...	21.537	149	42076	7.623	ng	# 94

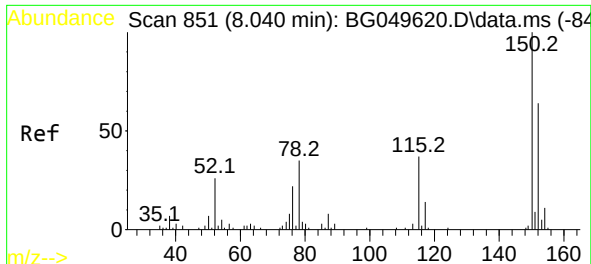
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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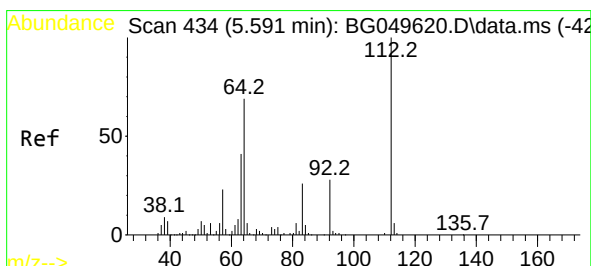
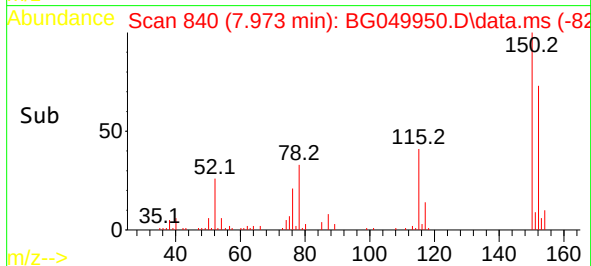
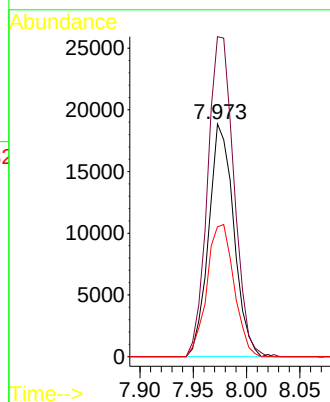
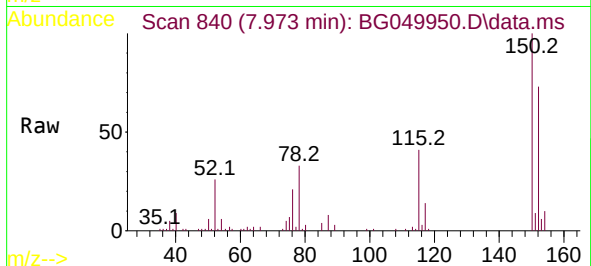




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.973 min Scan# 840
Delta R.T. -0.013 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

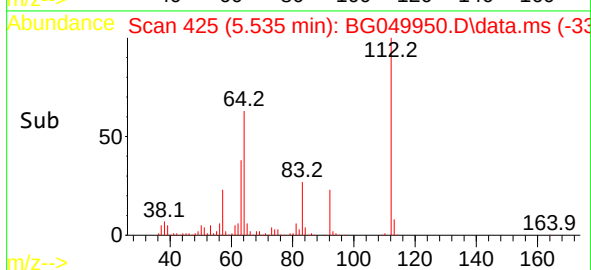
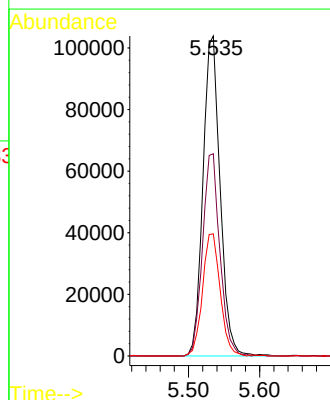
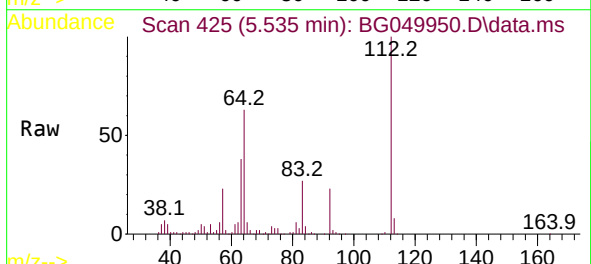
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0002

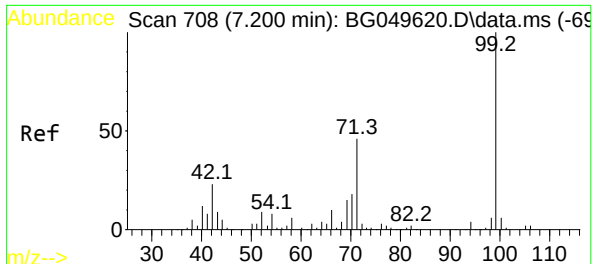
Tgt Ion:152 Resp: 30856
Ion Ratio Lower Upper
152 100
150 137.4 119.4 179.0
115 55.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 101.356 ng
RT: 5.535 min Scan# 425
Delta R.T. -0.001 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:112 Resp: 174464
Ion Ratio Lower Upper
112 100
64 63.2 46.7 70.1
63 38.1 35.3 52.9

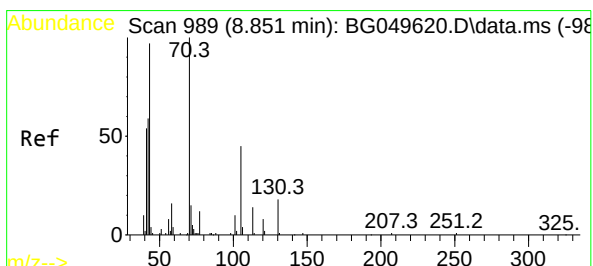
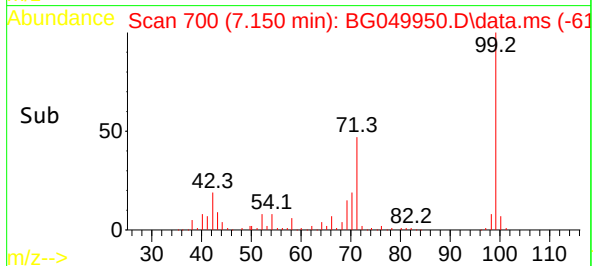
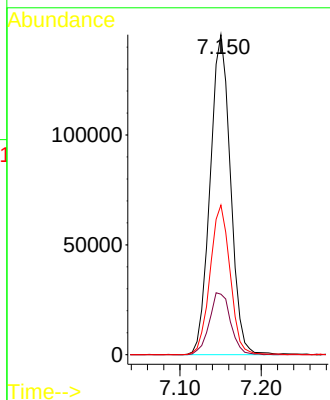
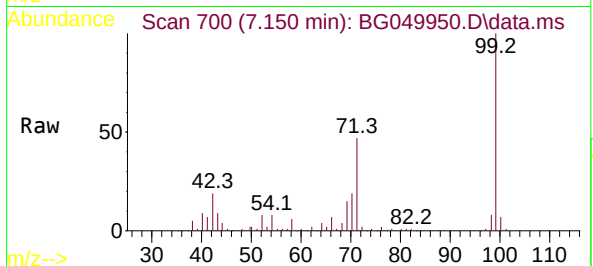




#7
Phenol-d6
Concen: 97.221 ng
RT: 7.150 min Scan# 700
Delta R.T. -0.007 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

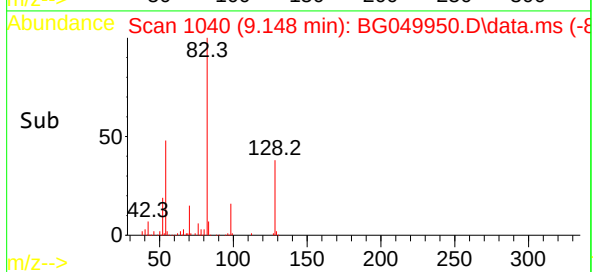
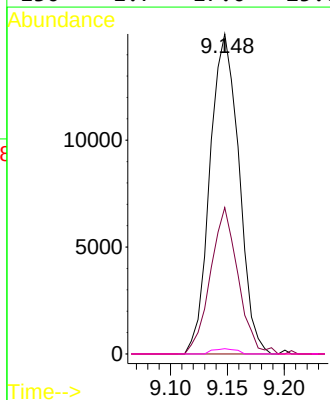
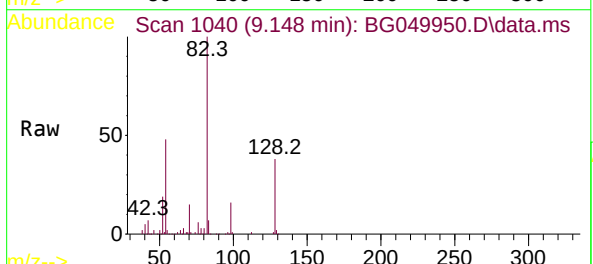
Instrument :
BNA_G
ClientSampleId :
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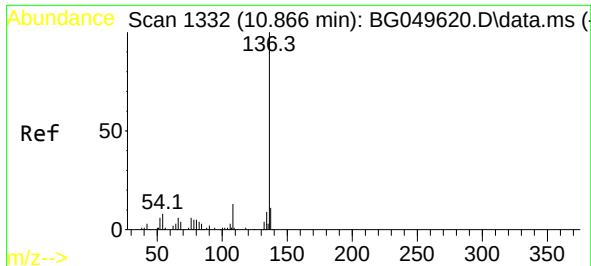
Tgt Ion: 99 Resp: 253317
Ion Ratio Lower Upper
99 100
42 18.9 20.5 30.7#
71 46.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.214 ng
RT: 9.148 min Scan# 1040
Delta R.T. 0.351 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion: 70 Resp: 26528
Ion Ratio Lower Upper
70 100
42 45.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

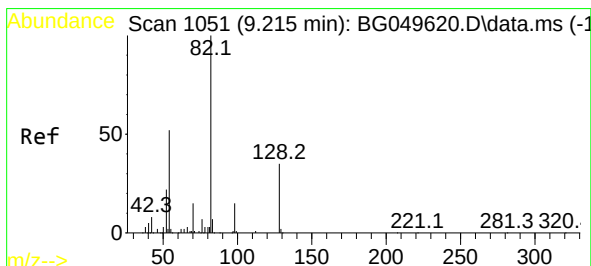
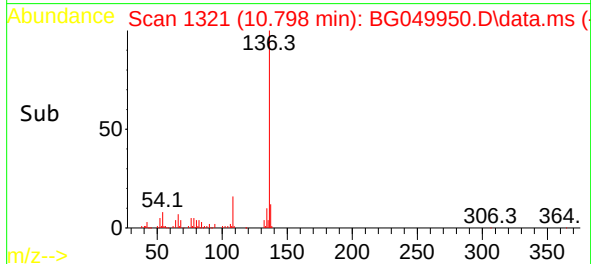
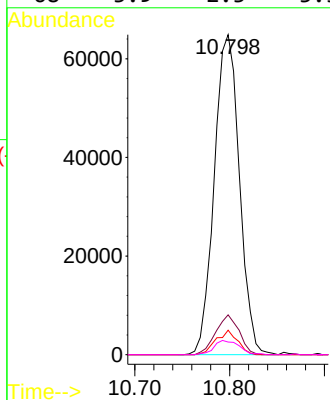
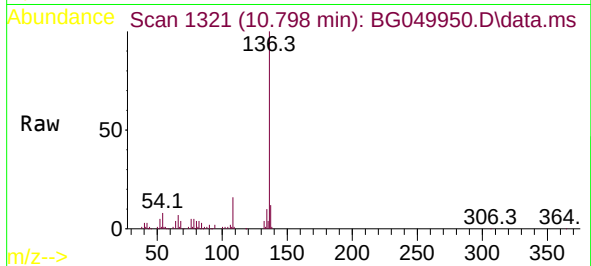




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1321
Delta R.T. -0.013 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

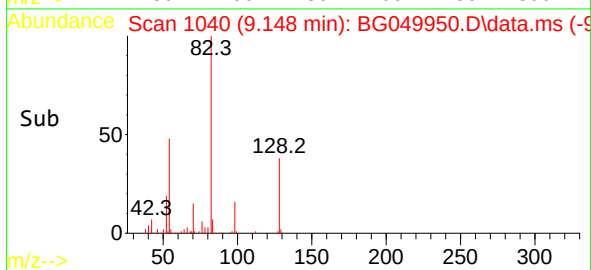
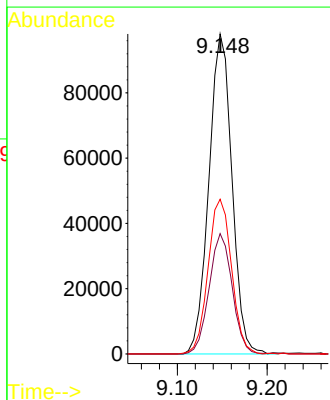
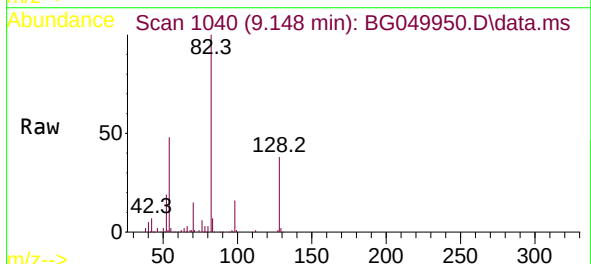
Instrument :
BNA_G
ClientSampleId :
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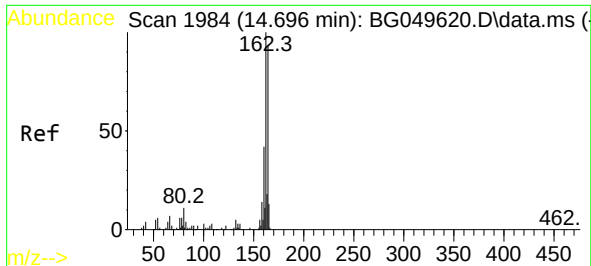
Tgt Ion:	136	Resp:	119579
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.2	12.2#
54	7.6	5.5	8.3
68	3.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 64.760 ng
RT: 9.148 min Scan# 1040
Delta R.T. -0.013 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:	82	Resp:	174999
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.8	44.6
54	48.3	45.8	68.8

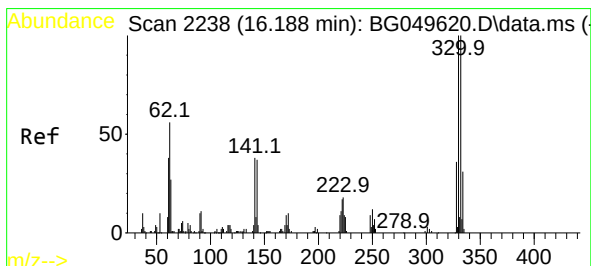
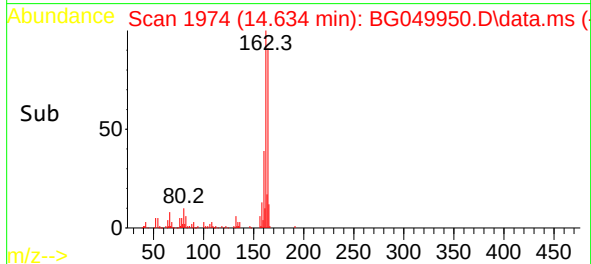
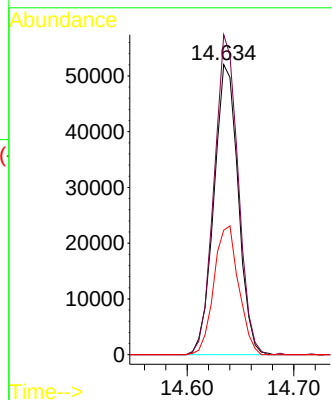
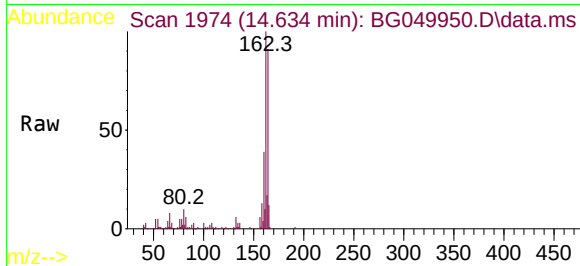




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1974
Delta R.T. -0.013 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

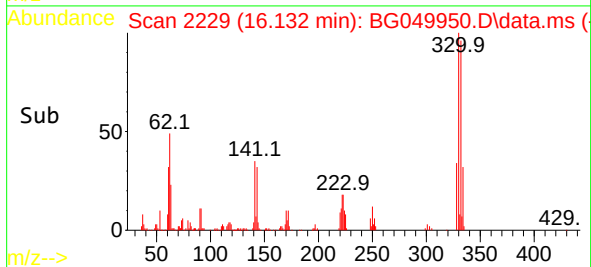
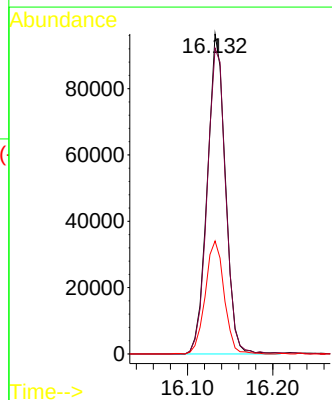
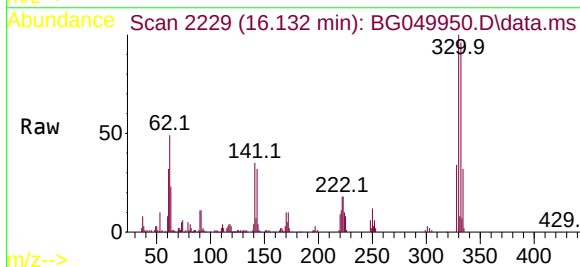
Instrument :
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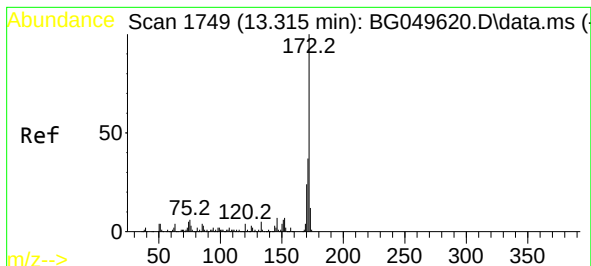
Tgt Ion:164 Resp: 82234
Ion Ratio Lower Upper
164 100
162 110.3 81.4 122.0
160 42.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 117.368 ng
RT: 16.132 min Scan# 2229
Delta R.T. -0.013 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:330 Resp: 141866
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 36.8 35.6 53.4

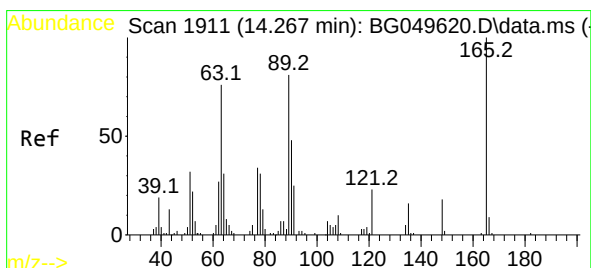
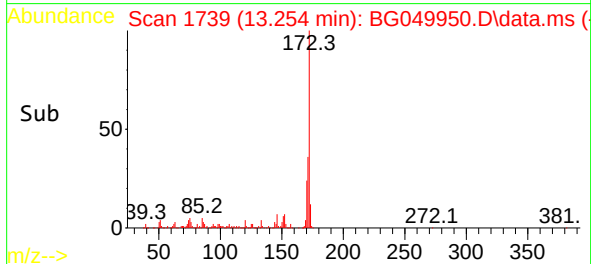
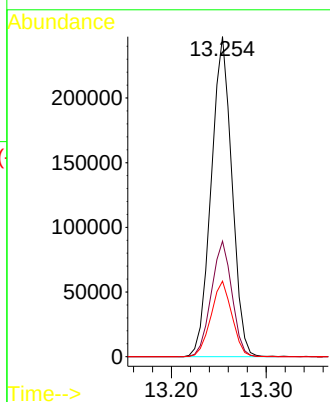
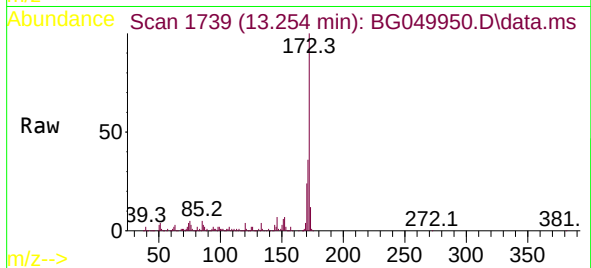




#45
2-Fluorobiphenyl
Concen: 66.500 ng
RT: 13.254 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

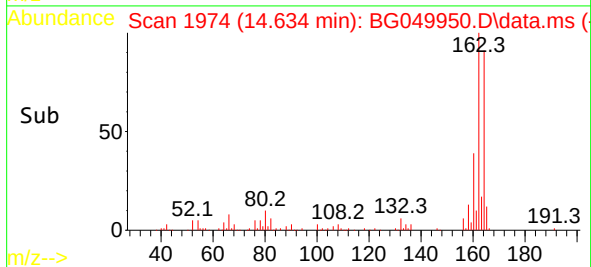
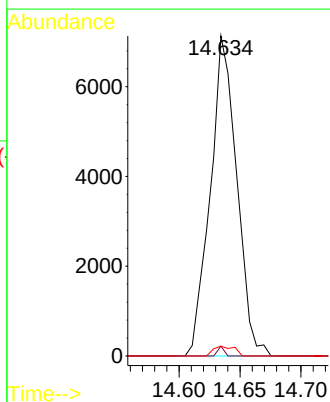
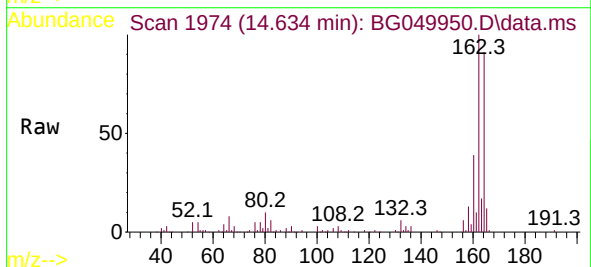
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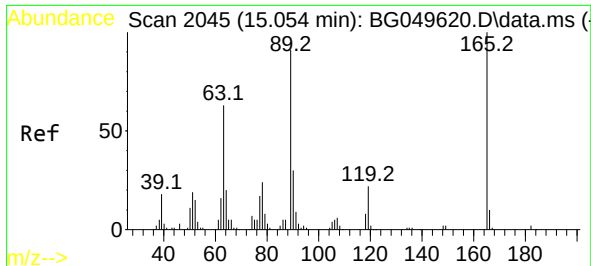
Tgt Ion:172 Resp: 375828
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.912 ng
RT: 14.634 min Scan# 1974
Delta R.T. 0.410 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:165 Resp: 10808
Ion Ratio Lower Upper
165 100
63 3.1 63.3 94.9#
89 3.0 63.4 95.0#

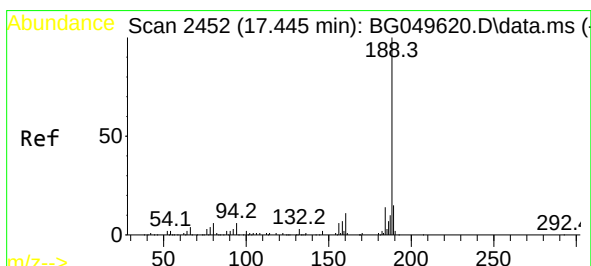
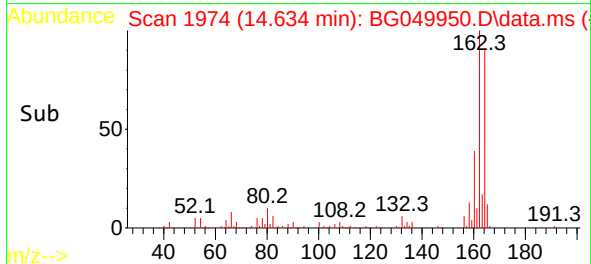
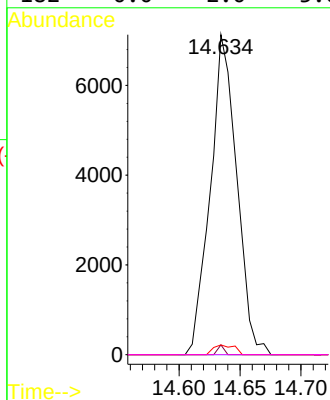
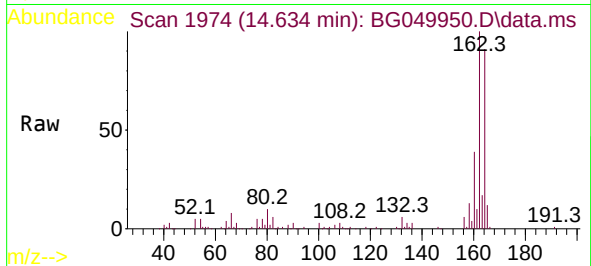




#57
2,4-Dinitrotoluene
Concen: 5.633 ng
RT: 14.634 min Scan# 1974
Delta R.T. -0.383 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

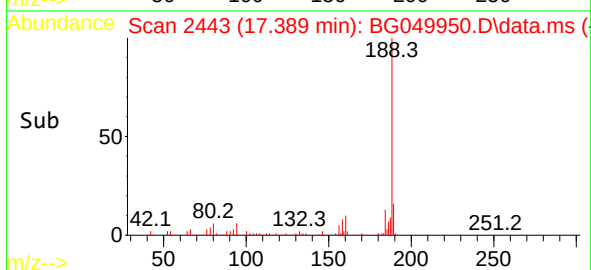
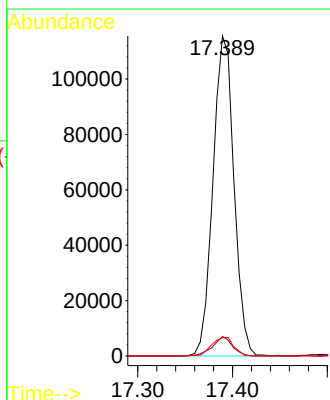
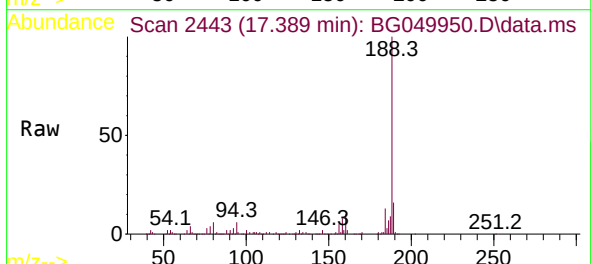
Instrument :
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SWCS-25-0002

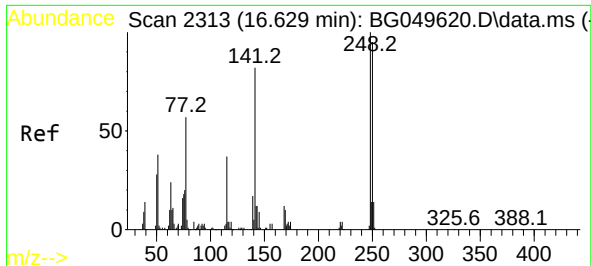
Tgt Ion:165 Resp: 10808
Ion Ratio Lower Upper
165 100
63 3.1 48.0 72.0#
89 3.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2443
Delta R.T. -0.013 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:188 Resp: 177439
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 5.7 3.7 5.5#

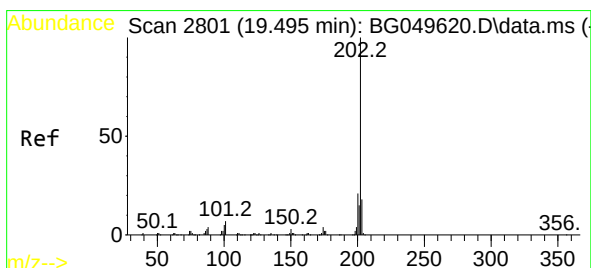
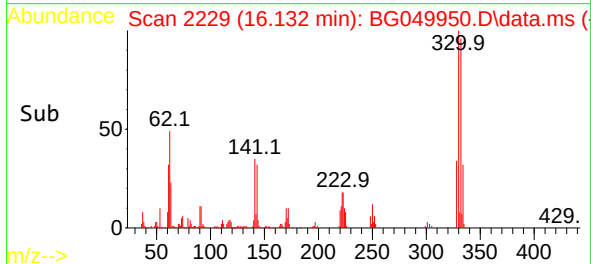
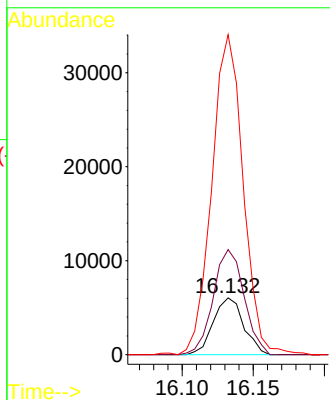
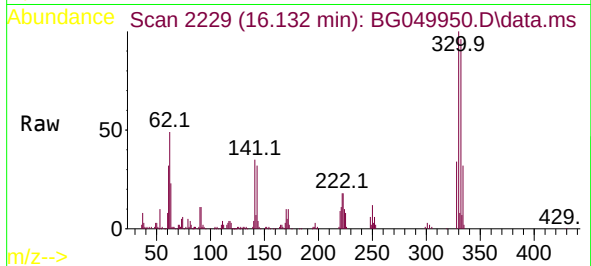




#67
4-Bromophenyl-phenylether
Concen: 4.291 ng
RT: 16.132 min Scan# 2229
Delta R.T. -0.448 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

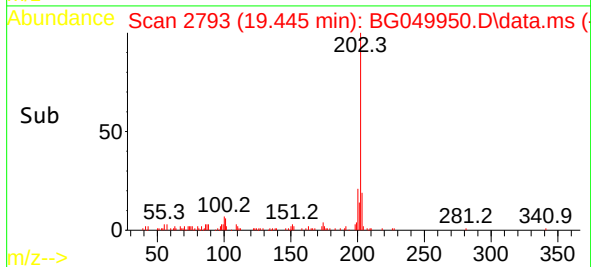
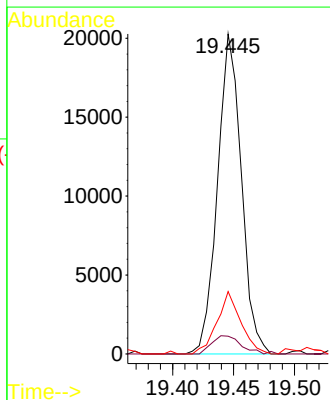
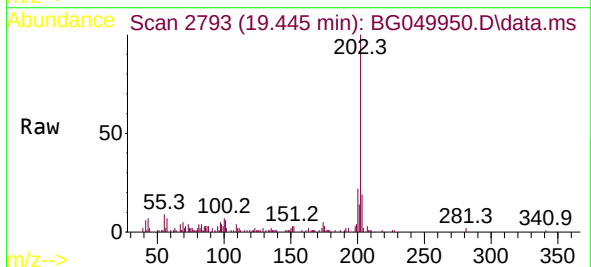
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0002

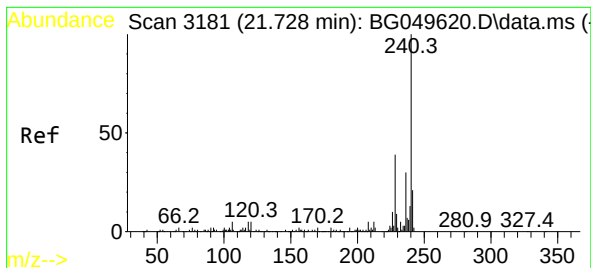
Tgt Ion:248 Resp: 8968
Ion Ratio Lower Upper
248 100
250 185.2 76.1 114.1#
141 563.6 65.4 98.2#



#75
Fluoranthene
Concen: 2.401 ng
RT: 19.445 min Scan# 2793
Delta R.T. -0.013 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:202 Resp: 27576
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 19.5 0.0 38.5

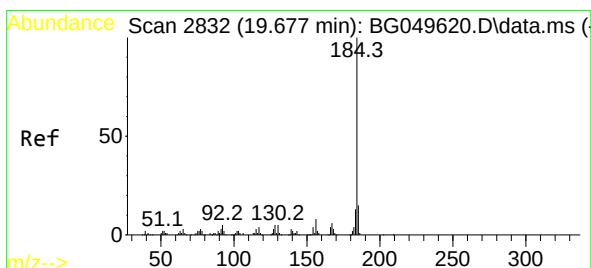
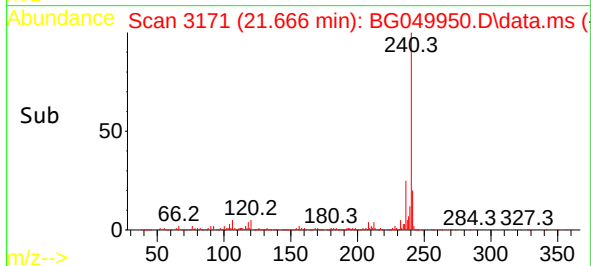
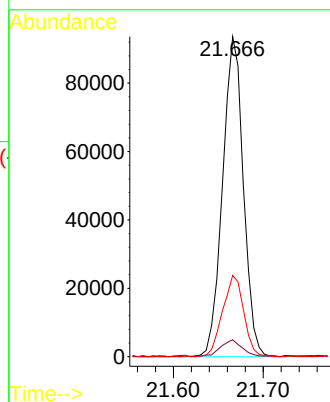
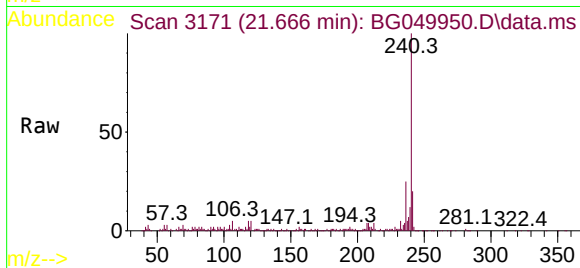




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

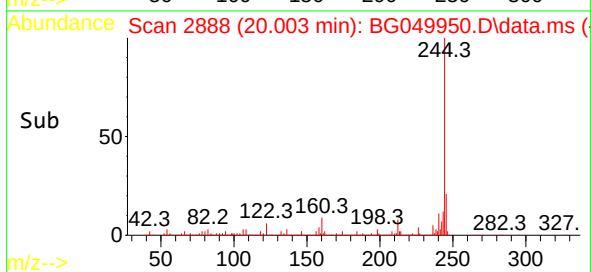
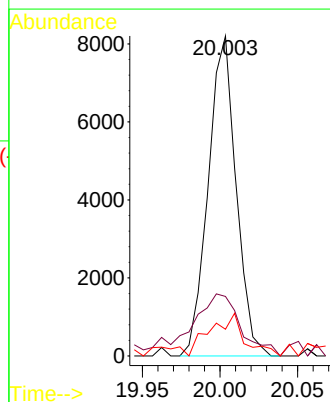
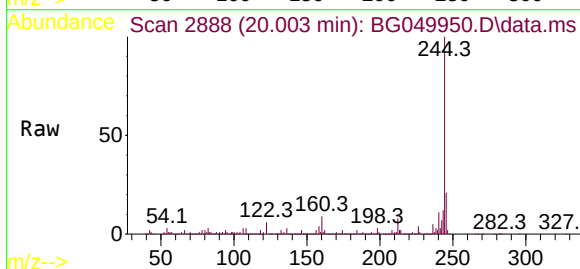
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0002

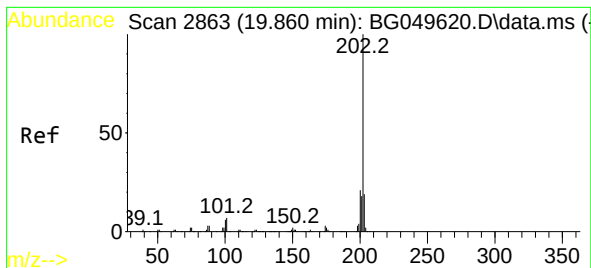
Tgt Ion:240 Resp: 150174
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 25.4 21.8 32.6



#77
Benzidine
Concen: 2.664 ng
RT: 20.003 min Scan# 2888
Delta R.T. 0.369 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:184 Resp: 10249
Ion Ratio Lower Upper
184 100
185 18.6 10.7 16.1#
183 8.4 9.4 14.0#

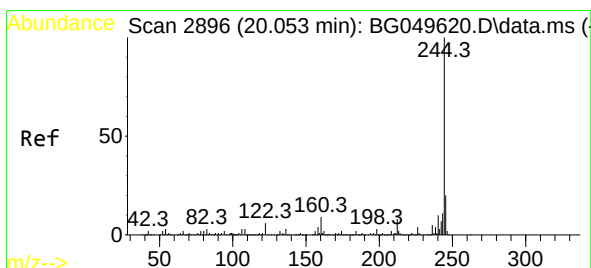
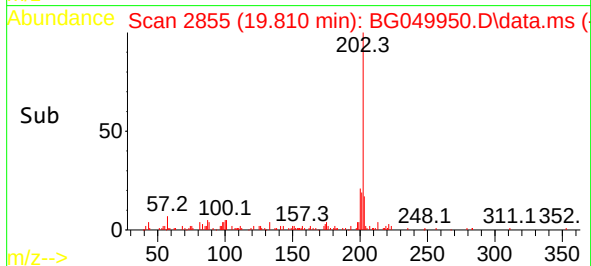
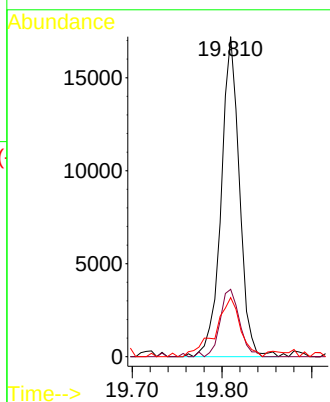
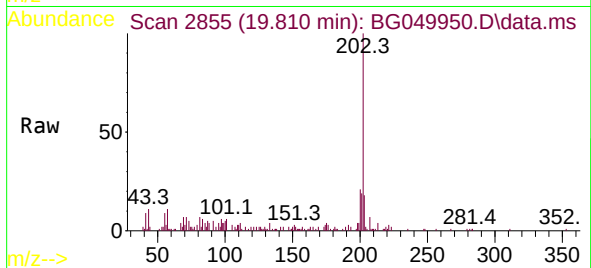




#78
Pyrene
Concen: 2.377 ng
RT: 19.810 min Scan# 2855
Delta R.T. -0.007 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

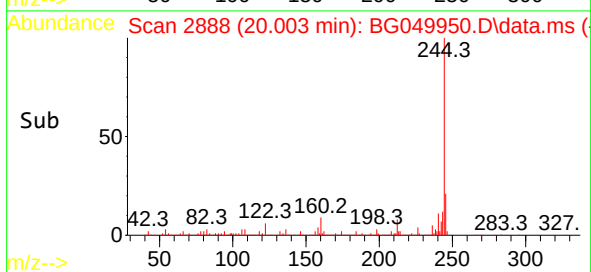
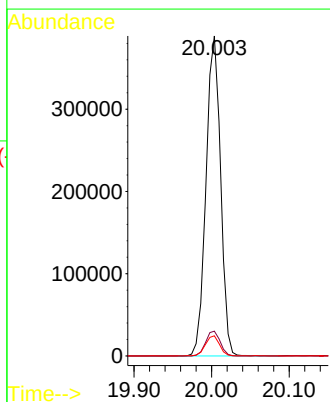
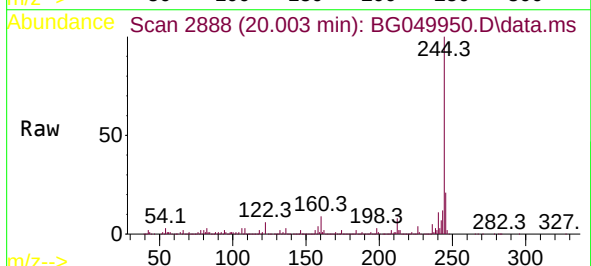
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0002

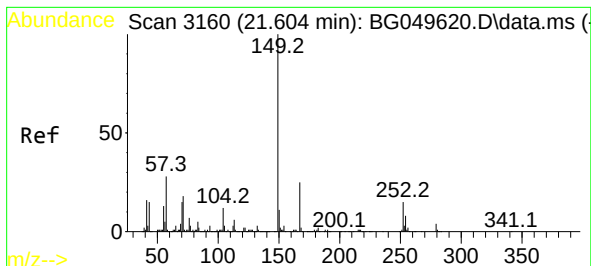
Tgt Ion:202 Resp: 24340
Ion Ratio Lower Upper
202 100
200 21.1 15.8 23.8
203 18.4 14.6 21.8



#79
Terphenyl-d14
Concen: 61.185 ng
RT: 20.003 min Scan# 2888
Delta R.T. -0.007 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:244 Resp: 505910
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.3 5.0 7.6

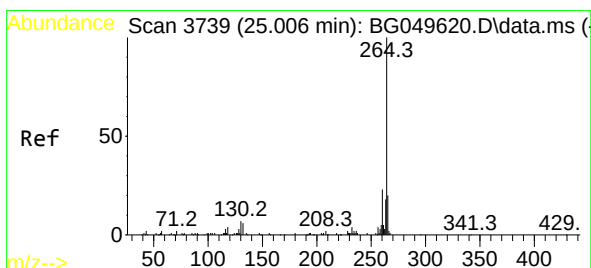
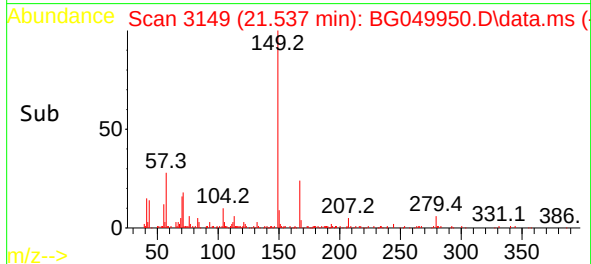
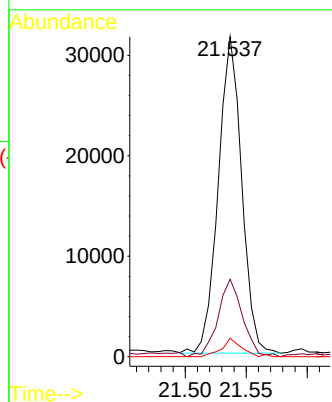
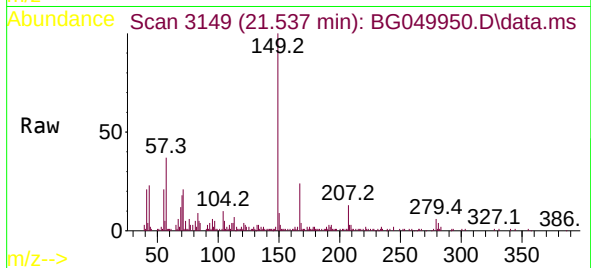




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.623 ng
RT: 21.537 min Scan# 3149
Delta R.T. -0.007 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Instrument :
BNA_G
ClientSampleId :
SWCS-25-0002

Tgt Ion:149 Resp: 42076
Ion Ratio Lower Upper
149 100
167 24.2 22.3 33.5
279 5.8 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.903 min Scan# 3722
Delta R.T. -0.019 min
Lab File: BG049950.D
Acq: 24 Aug 2021 13:19

Tgt Ion:264 Resp: 155700
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 23.4 16.9 25.3

