

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049955.D
 Acq On : 24 Aug 2021 16:45
 Operator : CG/JU
 Sample : M3463-37
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-29-0002

Quant Time: Aug 25 01:07:46 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)

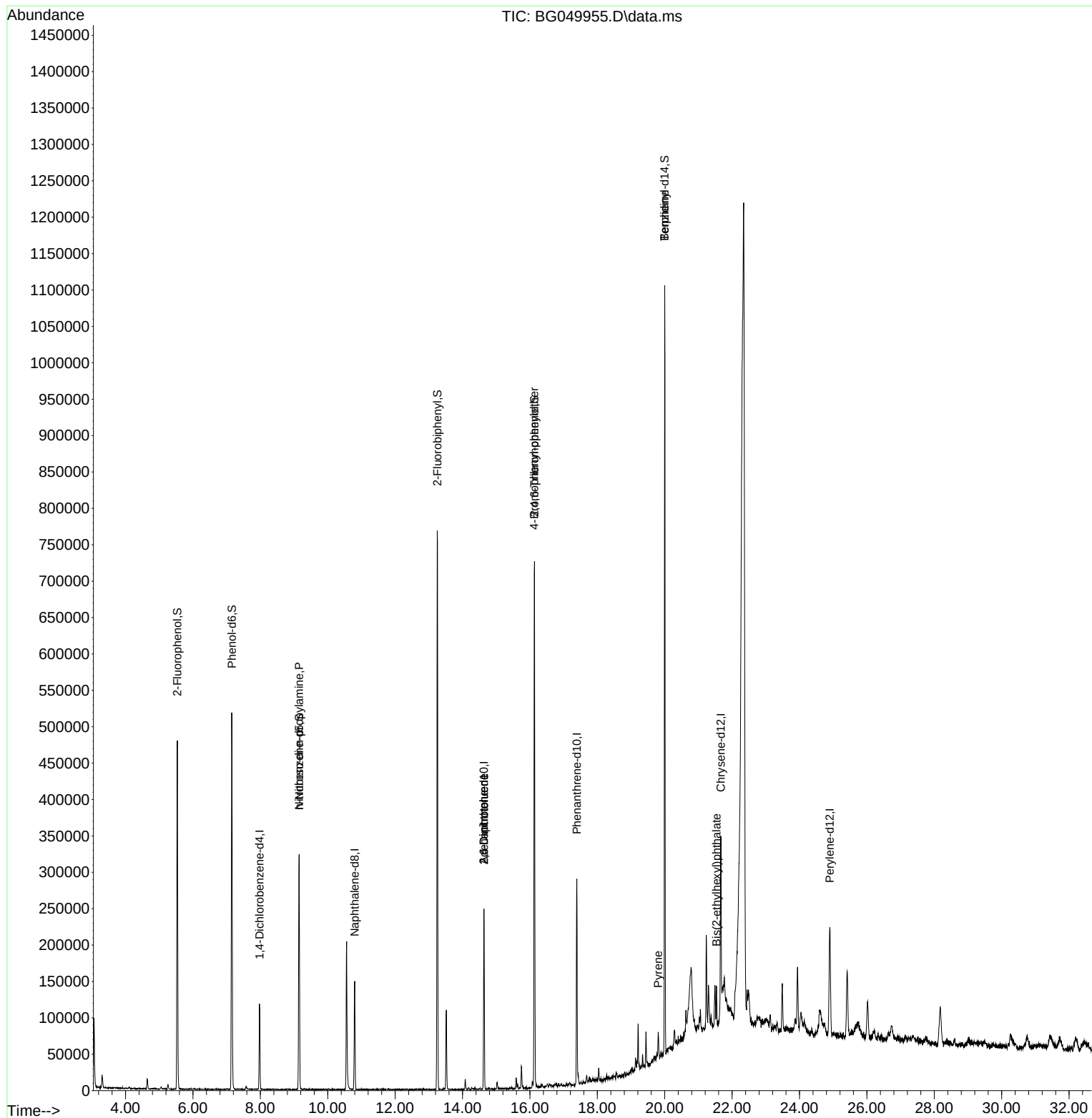
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	32649	20.000	ng	#-0.01
21) Naphthalene-d8	10.800	136	124241	20.000	ng	#-0.01
39) Acenaphthene-d10	14.636	164	86821	20.000	ng	-0.01
64) Phenanthrene-d10	17.391	188	177527	20.000	ng	#-0.01
76) Chrysene-d12	21.662	240	144069	20.000	ng	-0.02
86) Perylene-d12	24.899	264	153906	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	204126	112.076	ng	0.00
7) Phenol-d6	7.152	99	281357	102.052	ng	0.00
23) Nitrobenzene-d5	9.149	82	201876	71.903	ng	-0.01
42) 2,4,6-Tribromophenol	16.134	330	147562	115.630	ng	-0.01
45) 2-Fluorobiphenyl	13.250	172	400437	67.111	ng	-0.01
79) Terphenyl-d14	20.000	244	485050	61.148	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.149	70	29470	15.973	ng	# 71
51) 2,6-Dinitrotoluene	14.636	165	11619	8.056	ng	# 13
57) 2,4-Dinitrotoluene	14.636	165	11619	5.736	ng	# 18
67) 4-Bromophenyl-phenylether	16.128	248	8574	4.101	ng	# 1
77) Benzidine	20.000	184	10274	2.783	ng	# 95
78) Pyrene	19.806	202	19967	2.033	ng	99
84) Bis(2-ethylhexyl)phtha...	21.539	149	20057	3.788	ng	96

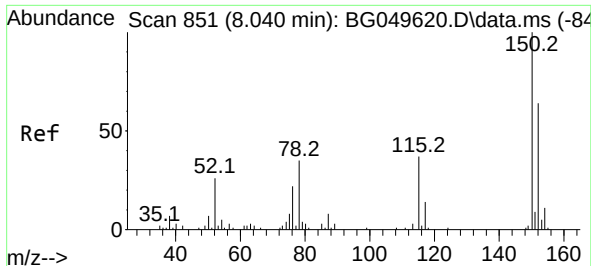
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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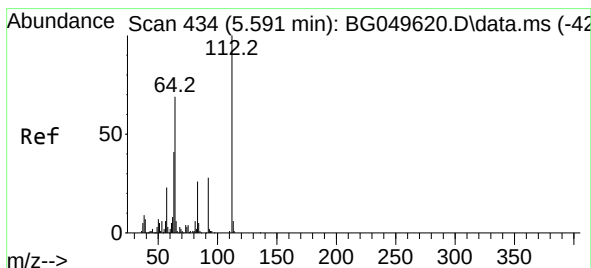
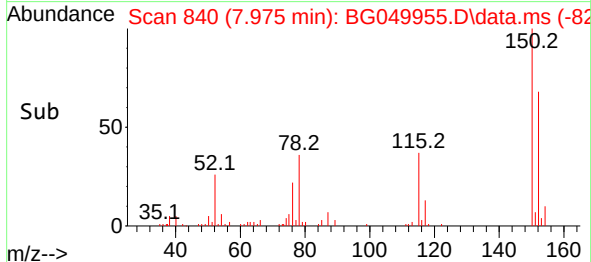
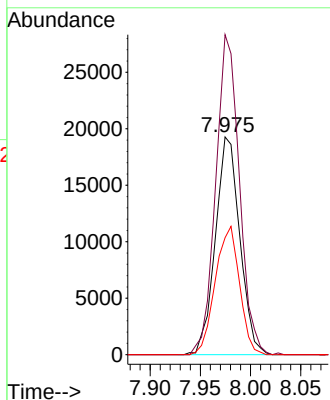
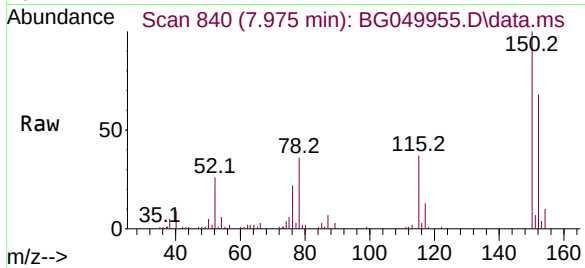




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 840
Delta R.T. -0.011 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

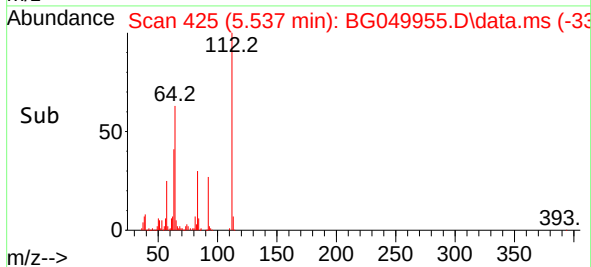
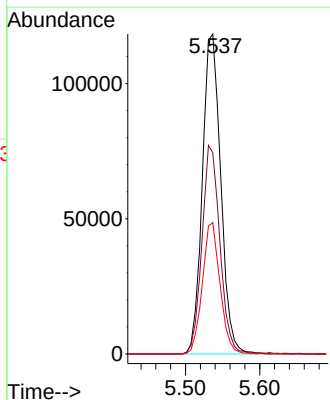
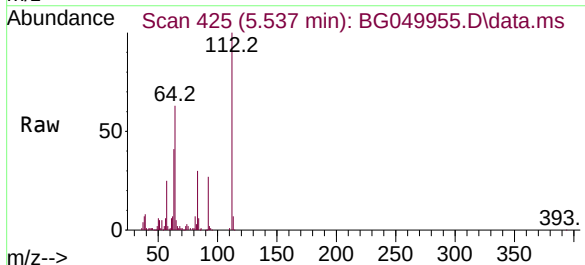
Instrument :
BNA_G
ClientSampleId :
SWCS-29-0002

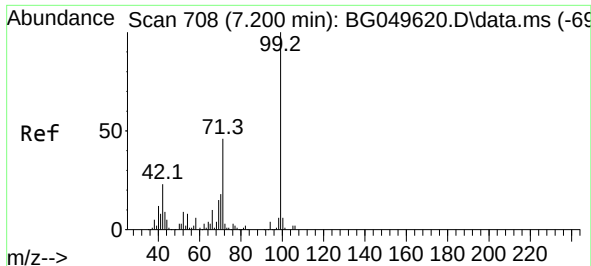
Tgt Ion:152 Resp: 32649
Ion Ratio Lower Upper
152 100
150 146.9 119.4 179.0
115 53.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 112.076 ng
RT: 5.537 min Scan# 425
Delta R.T. 0.000 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

Tgt Ion:112 Resp: 204126
Ion Ratio Lower Upper
112 100
64 62.9 46.7 70.1
63 41.0 35.3 52.9

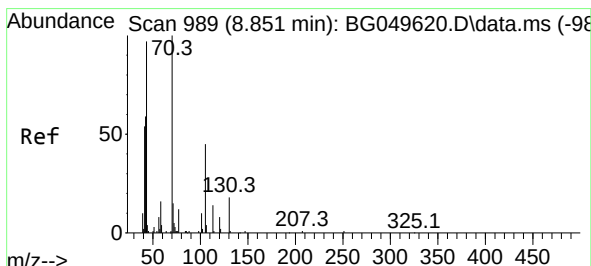
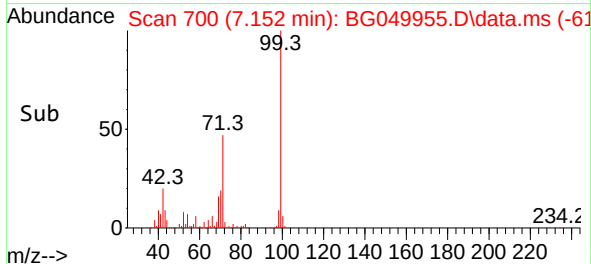
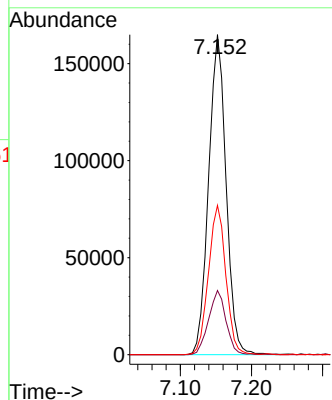
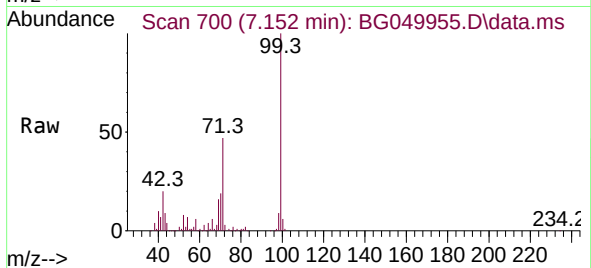




#7
Phenol-d6
Concen: 102.052 ng
RT: 7.152 min Scan# 700
Delta R.T. -0.005 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

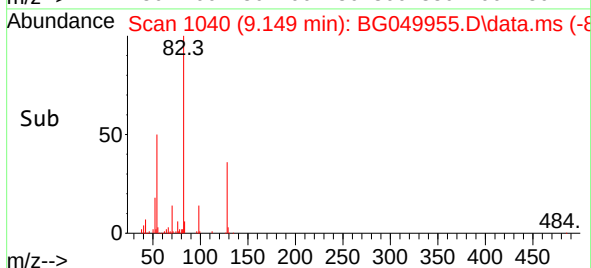
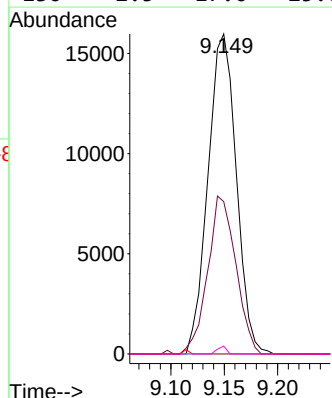
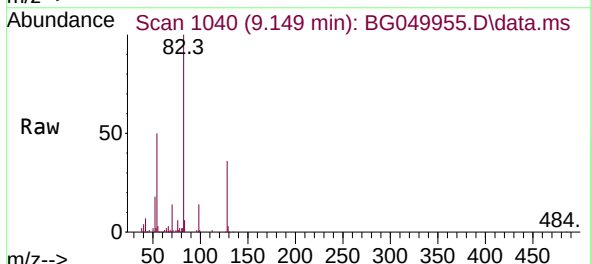
Instrument :
BNA_G
ClientSampleId :
SWCS-29-0002

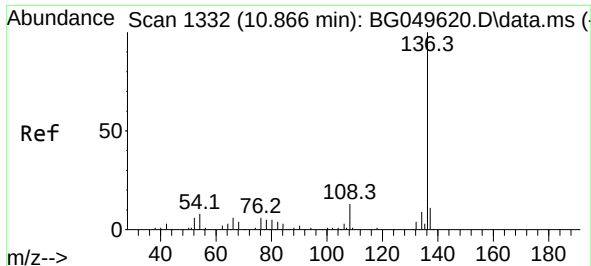
Tgt Ion: 99 Resp: 281357
Ion Ratio Lower Upper
99 100
42 20.1 20.5 30.7#
71 46.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.973 ng
RT: 9.149 min Scan# 1040
Delta R.T. 0.353 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

Tgt Ion: 70 Resp: 29470
Ion Ratio Lower Upper
70 100
42 47.6 54.5 81.7#
101 0.0 9.0 13.6#
130 2.5 17.0 25.6#

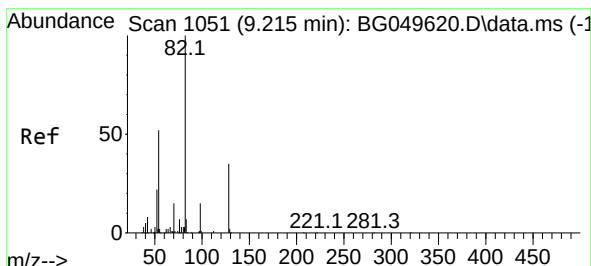
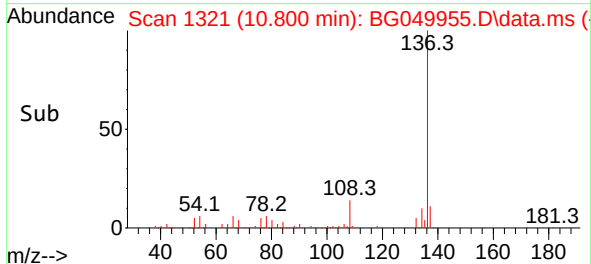
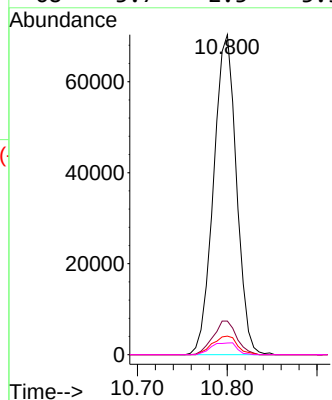
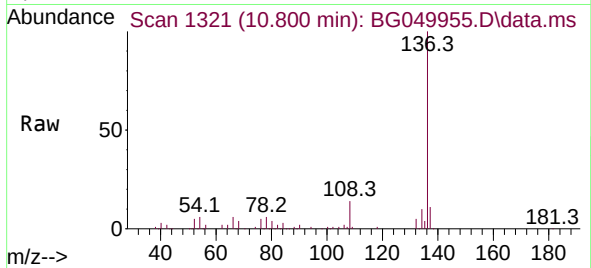




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

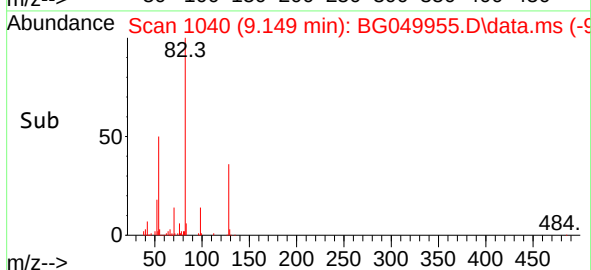
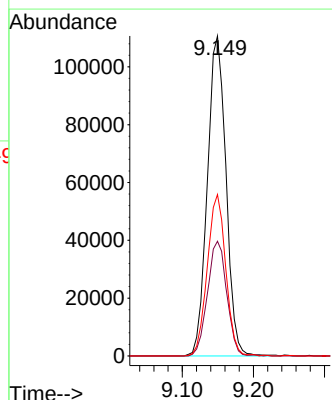
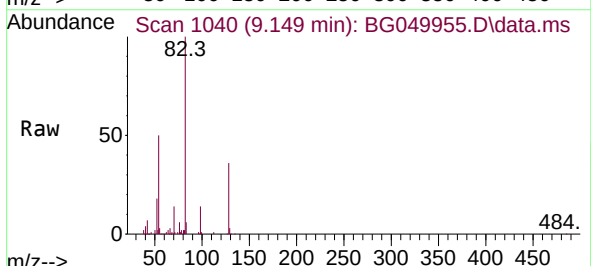
Instrument :
BNA_G
ClientSampleId :
SWCS-29-0002

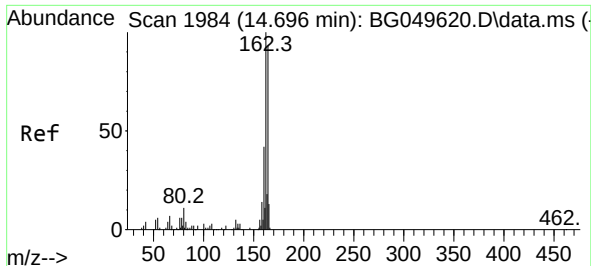
Tgt Ion:	136	Resp:	124241
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	5.8	5.5	8.3
68	3.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 71.903 ng
RT: 9.149 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

Tgt Ion:	82	Resp:	201876
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.6
54	50.4	45.8	68.8

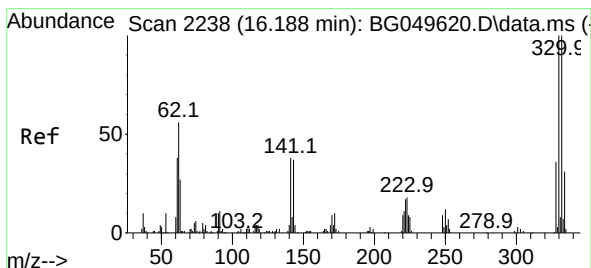
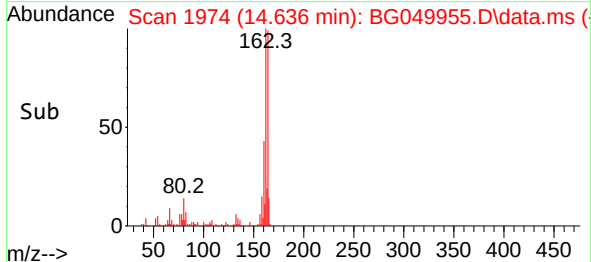
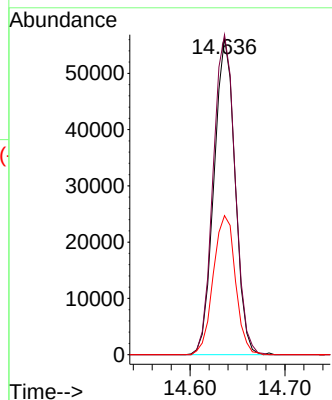
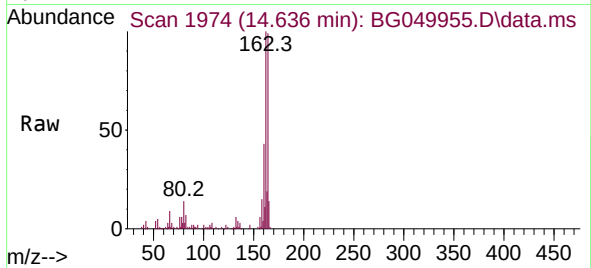




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

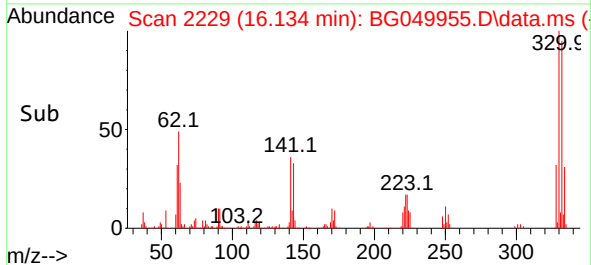
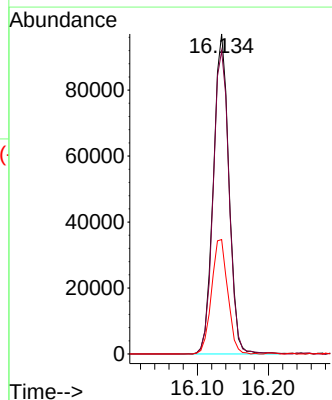
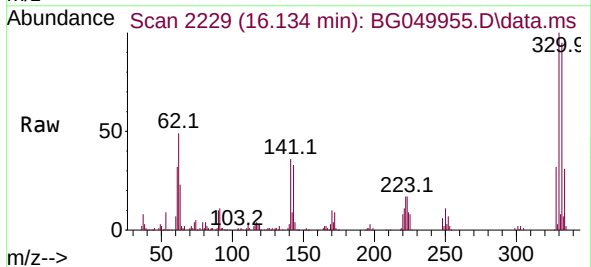
Instrument :
BNA_G
ClientSampleId :
SWCS-29-0002

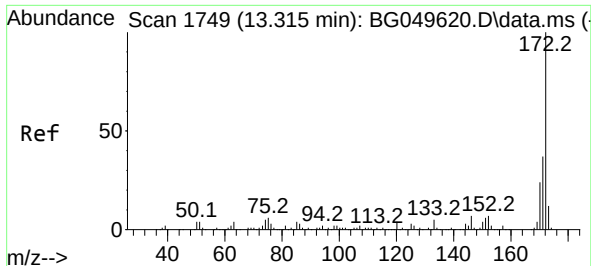
Tgt Ion:164 Resp: 86821
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 115.630 ng
RT: 16.134 min Scan# 2229
Delta R.T. -0.011 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

Tgt Ion:330 Resp: 147562
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 37.1 35.6 53.4

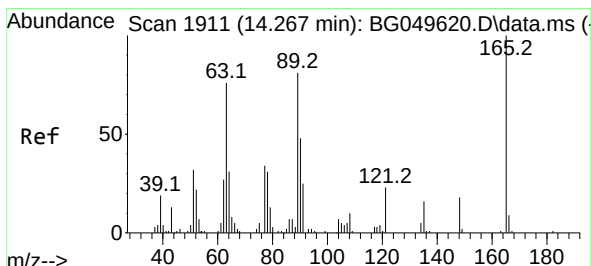
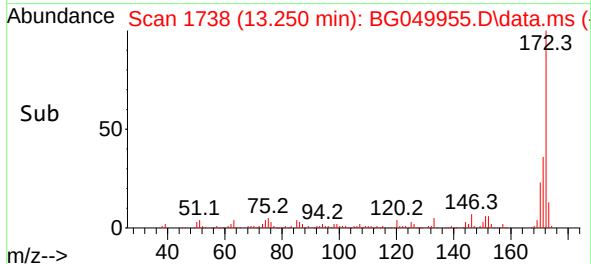
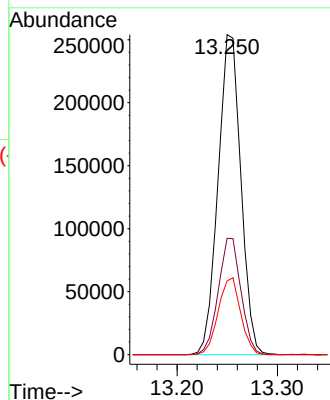
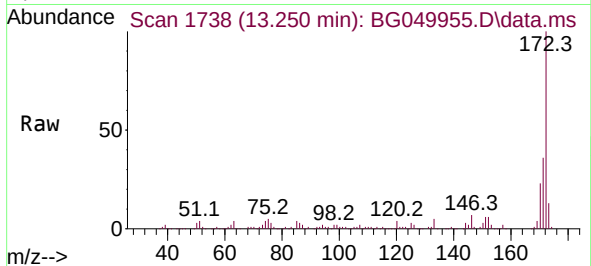




#45
2-Fluorobiphenyl
Concen: 67.111 ng
RT: 13.250 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

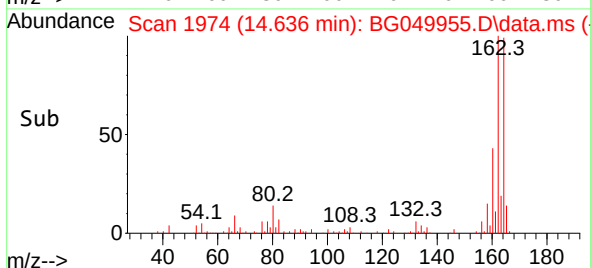
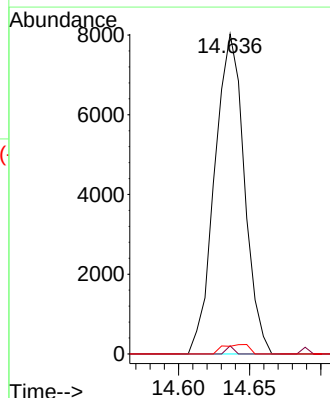
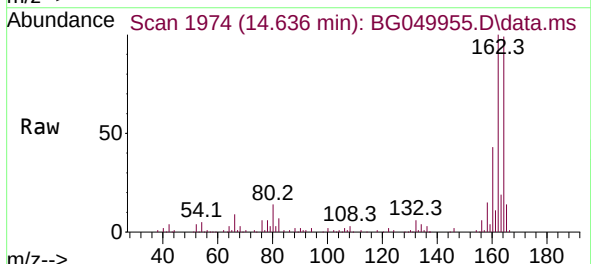
Instrument :
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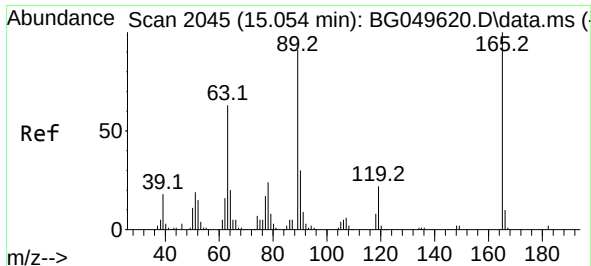
Tgt Ion:172 Resp: 400437
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.056 ng
RT: 14.636 min Scan# 1974
Delta R.T. 0.412 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

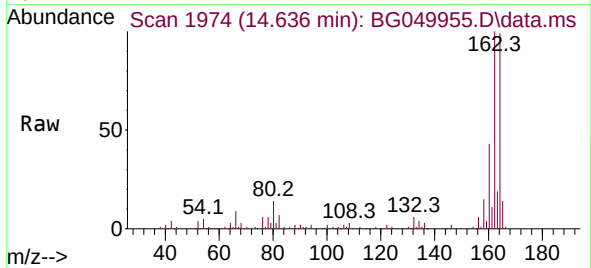
Tgt Ion:165 Resp: 11619
Ion Ratio Lower Upper
165 100
63 2.6 63.3 94.9#
89 2.4 63.4 95.0#



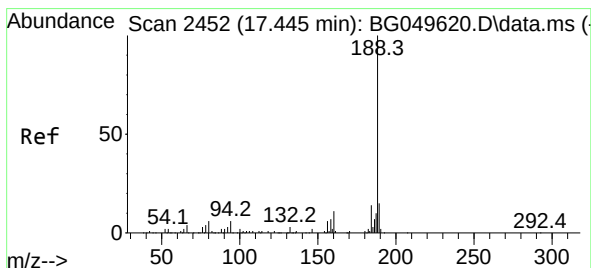
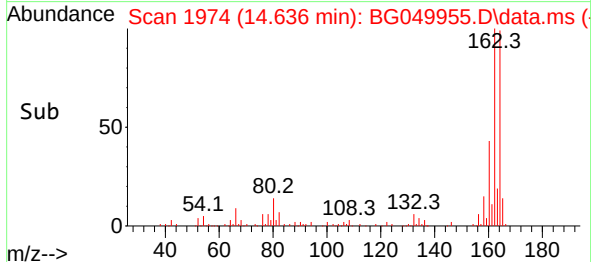
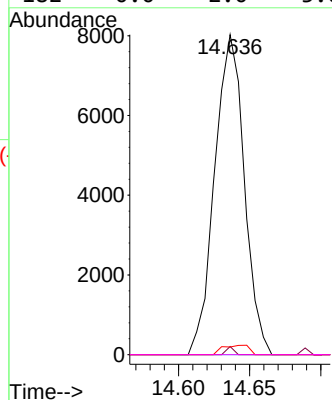


#57
2,4-Dinitrotoluene
Concen: 5.736 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.381 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

Instrument :
BNA_G
ClientSampleId :
SWCS-29-0002

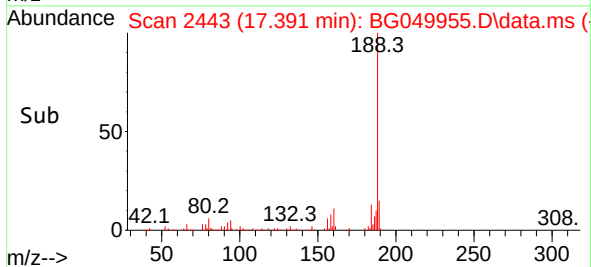
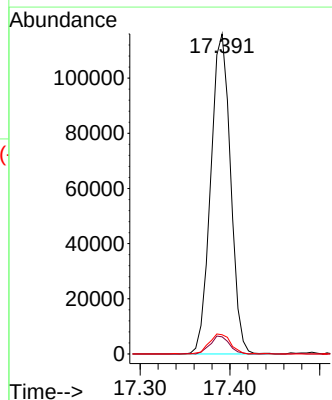
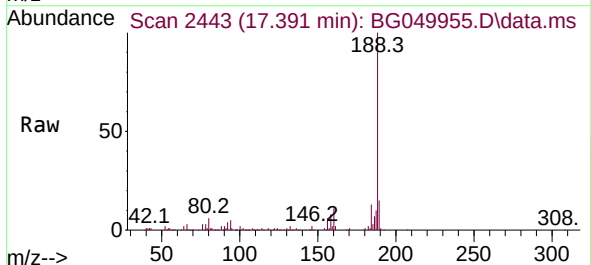


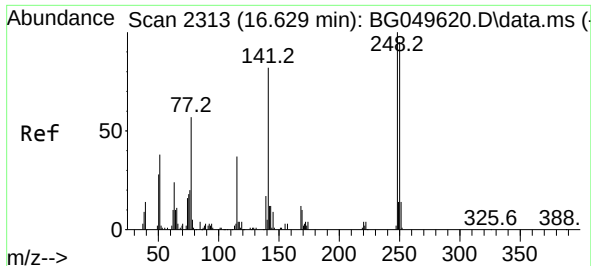
Tgt Ion:165 Resp: 11619
Ion Ratio Lower Upper
165 100
63 2.6 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

Tgt Ion:188 Resp: 177527
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0#
80 6.0 3.7 5.5#

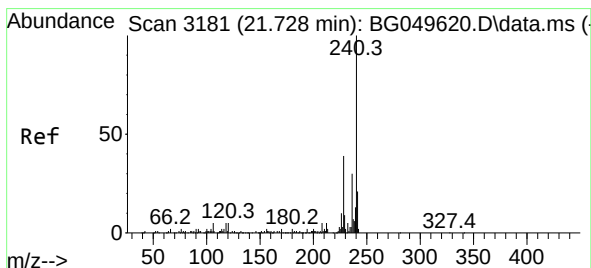
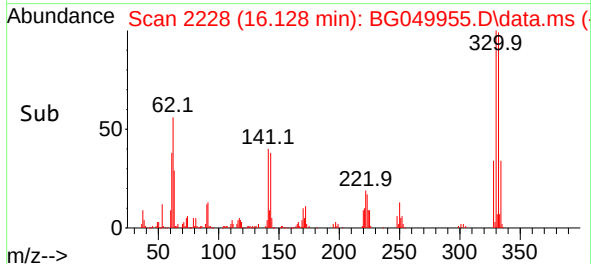
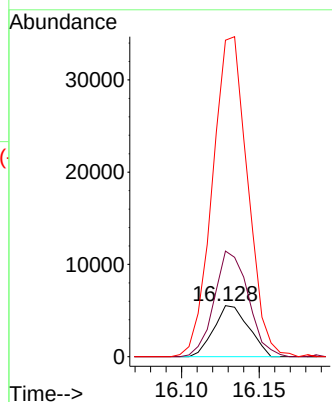
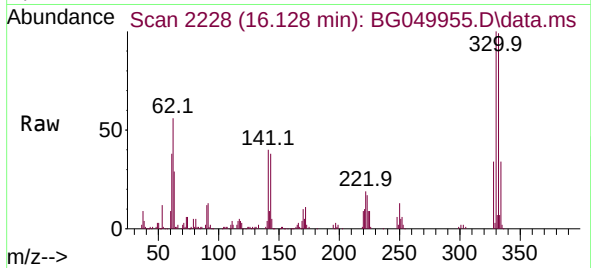




#67
4-Bromophenyl-phenylether
Concen: 4.101 ng
RT: 16.128 min Scan# 2228
Delta R.T. -0.452 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

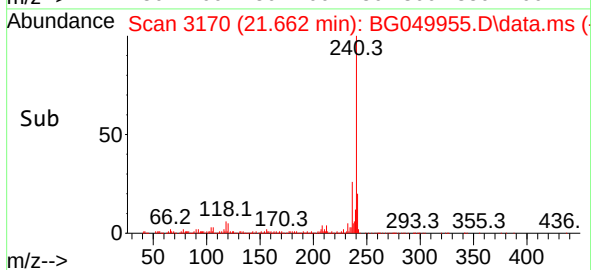
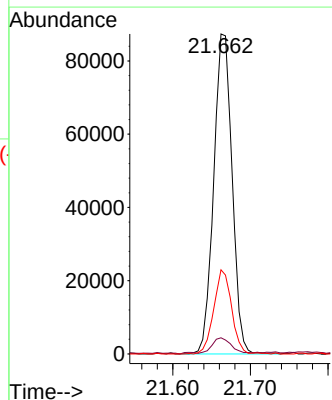
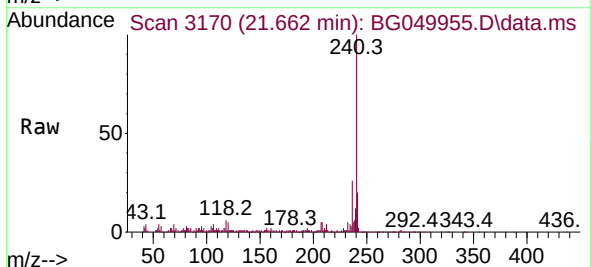
Instrument :
BNA_G
ClientSampleId :
SWCS-29-0002

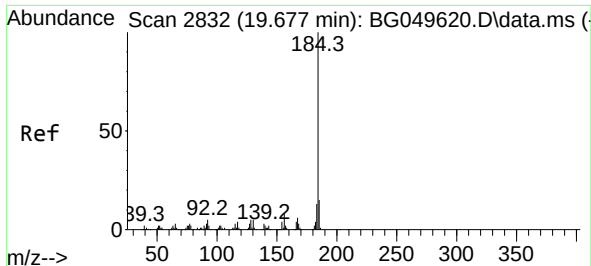
Tgt Ion:248 Resp: 8574
Ion Ratio Lower Upper
248 100
250 206.8 76.1 114.1#
141 619.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.662 min Scan# 3170
Delta R.T. -0.017 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

Tgt Ion:240 Resp: 144069
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 26.3 21.8 32.6

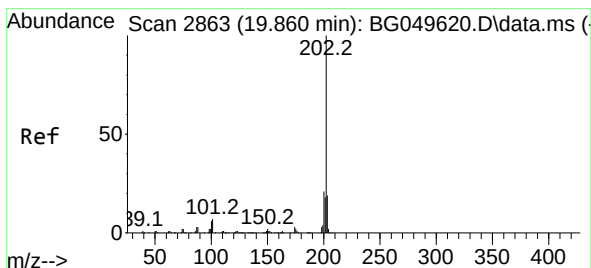
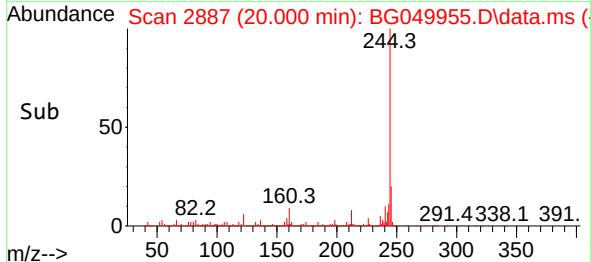
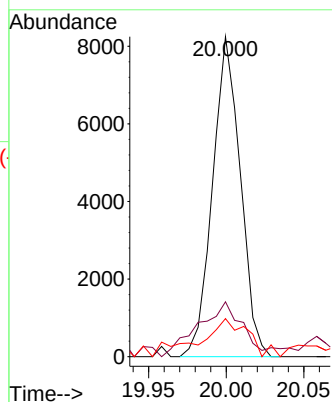
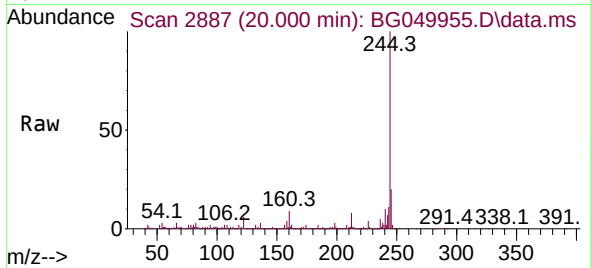




#77
Benzidine
Concen: 2.783 ng
RT: 20.000 min Scan# 2887
Delta R.T. 0.365 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

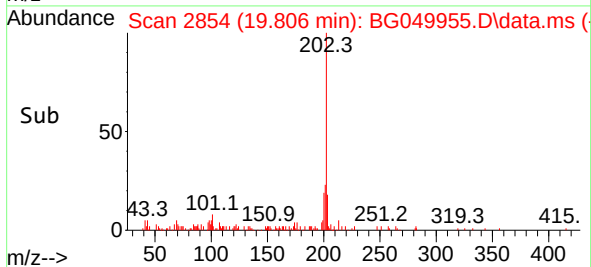
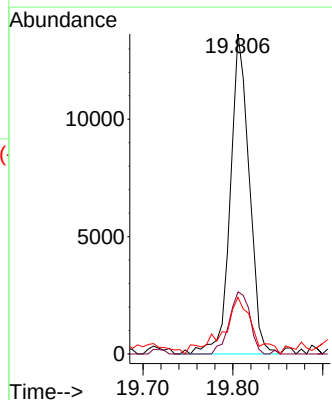
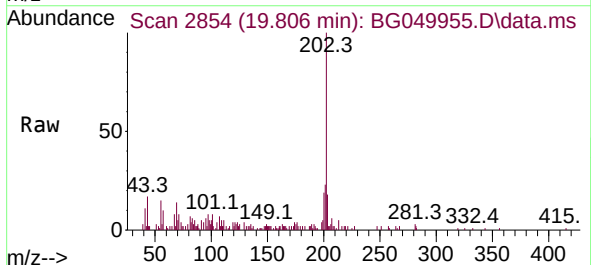
Instrument :
BNA_G
ClientSampleId :
SWCS-29-0002

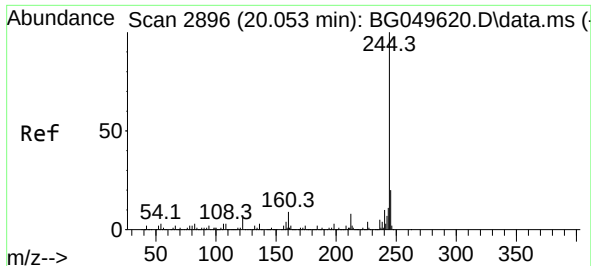
Tgt Ion:184 Resp: 10274
Ion Ratio Lower Upper
184 100
185 17.2 10.7 16.1#
183 11.9 9.4 14.0



#78
Pyrene
Concen: 2.033 ng
RT: 19.806 min Scan# 2854
Delta R.T. -0.011 min
Lab File: BG049955.D
Acq: 24 Aug 2021 16:45

Tgt Ion:202 Resp: 19967
Ion Ratio Lower Upper
202 100
200 19.4 15.8 23.8
203 17.7 14.6 21.8

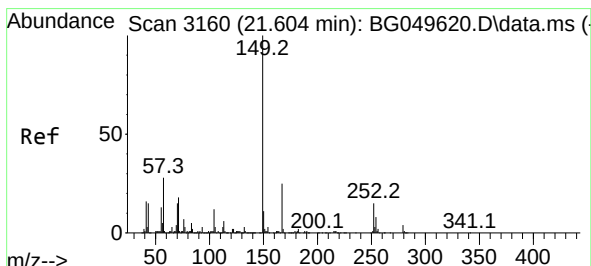
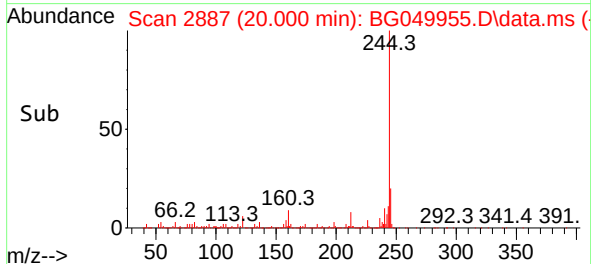
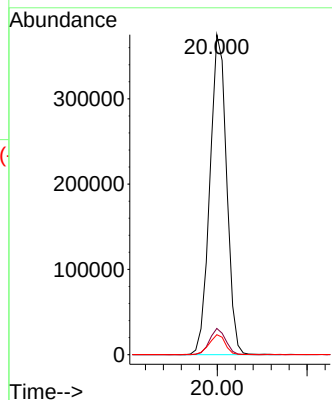
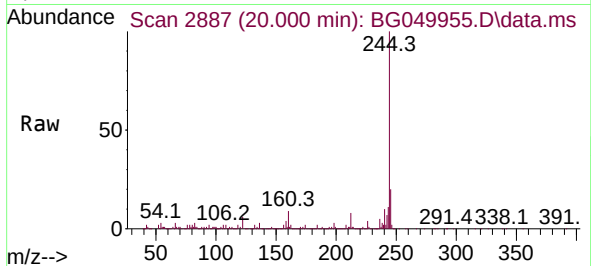




#79
 Terphenyl-d14
 Concen: 61.148 ng
 RT: 20.000 min Scan# 2887
 Delta R.T. -0.011 min
 Lab File: BG049955.D
 Acq: 24 Aug 2021 16:45

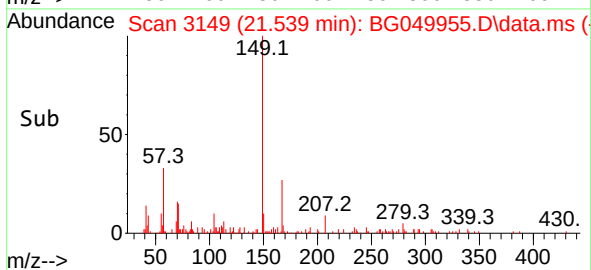
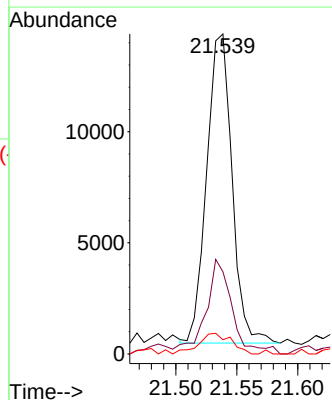
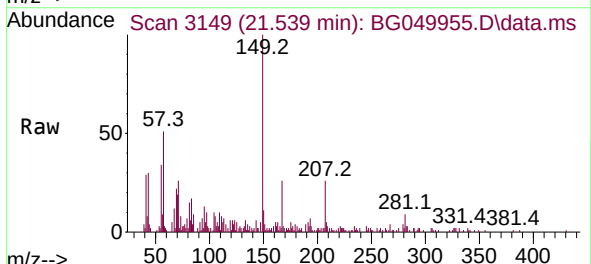
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-29-0002

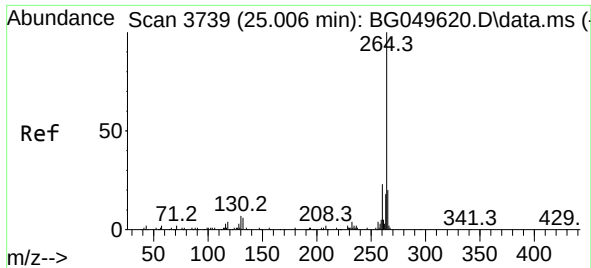
Tgt Ion:244	Resp:	485050
Ion Ratio	Lower	Upper
244	100	
212	8.2	6.9 10.3
122	6.3	5.0 7.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.788 ng
 RT: 21.539 min Scan# 3149
 Delta R.T. -0.005 min
 Lab File: BG049955.D
 Acq: 24 Aug 2021 16:45

Tgt Ion:149	Resp:	20057
Ion Ratio	Lower	Upper
149	100	
167	25.7	22.3 33.5
279	4.5	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: BG049955.D
 Acq: 24 Aug 2021 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-29-0002

Tgt Ion:264	Resp:	153906
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.4 29.2
265	22.8	16.9 25.3

