

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049949.D
 Acq On : 24 Aug 2021 12:39
 Operator : CG/JU
 Sample : M3463-31
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-25-0204

Quant Time: Aug 24 14:24:54 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)

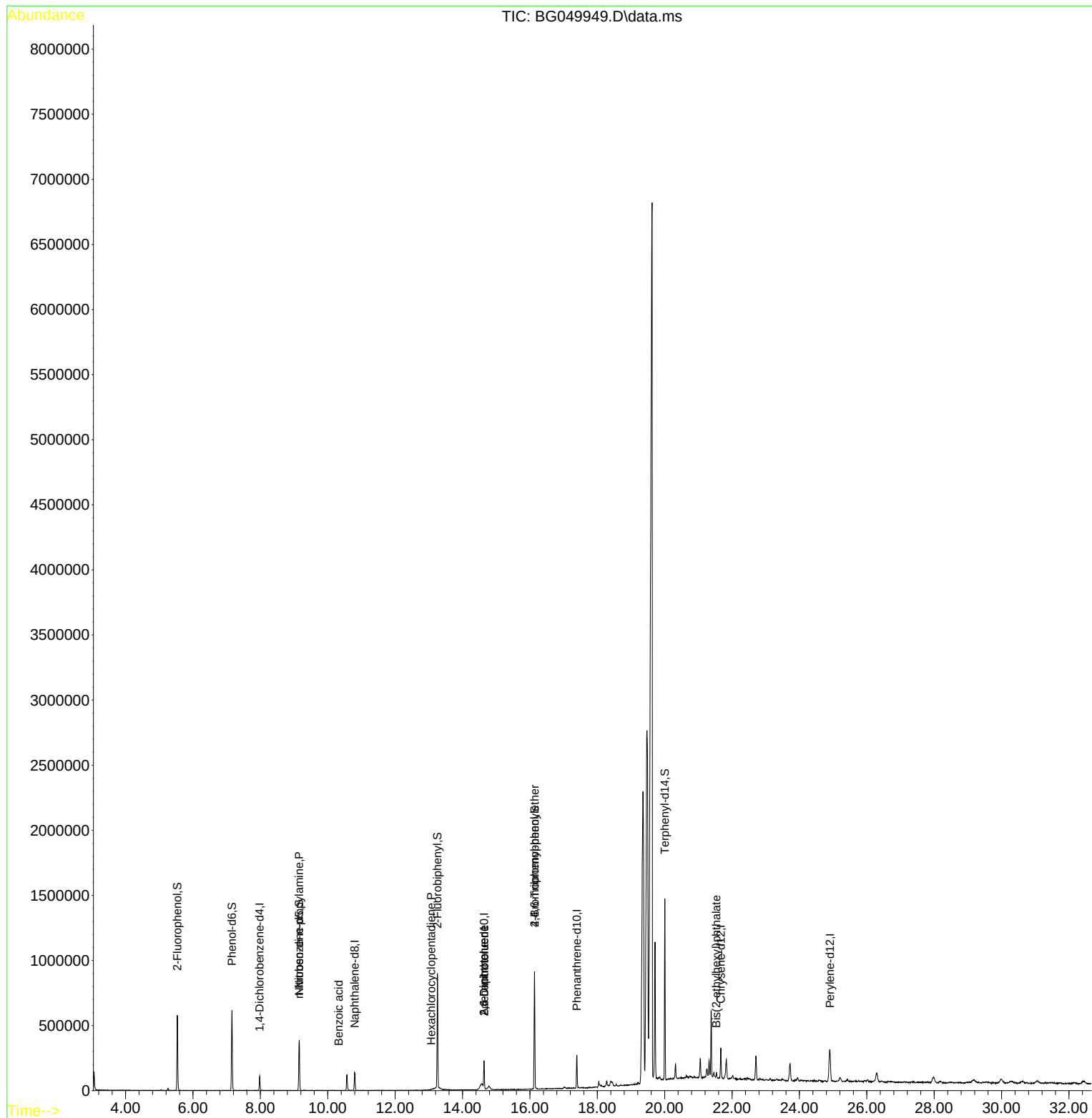
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	29530	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	113425	20.000	ng	#-0.01
39) Acenaphthene-d10	14.639	164	73125	20.000	ng	0.00
64) Phenanthrene-d10	17.395	188	156783	20.000	ng	# 0.00
76) Chrysene-d12	21.665	240	143034	20.000	ng	-0.01
86) Perylene-d12	24.908	264	149809	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	241262	146.457	ng	0.00
7) Phenol-d6	7.155	99	334876	134.293	ng	0.00
23) Nitrobenzene-d5	9.153	82	234062	91.316	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	183735	170.941	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	449006	89.345	ng	0.00
79) Terphenyl-d14	20.003	244	627492	79.677	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.147	70	35926	21.529	ng	# 68
32) Benzoic acid	10.328	122	72	5.006	ng	# 55
41) Hexachlorocyclopentadiene	13.071	237	64	3.593	ng	# 31
51) 2,6-Dinitrotoluene	14.639	165	10087	8.304	ng	# 10
57) 2,4-Dinitrotoluene	14.639	165	10087	5.912	ng	# 15
67) 4-Bromophenyl-phenylether	16.137	248	10508	5.691	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.536	149	12766	2.428	ng	95

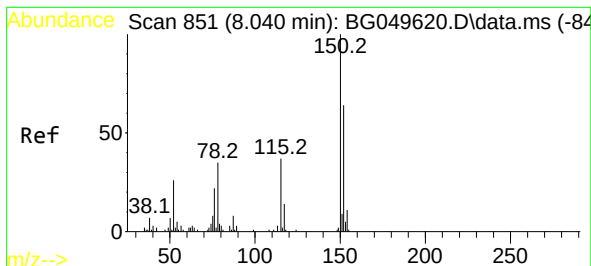
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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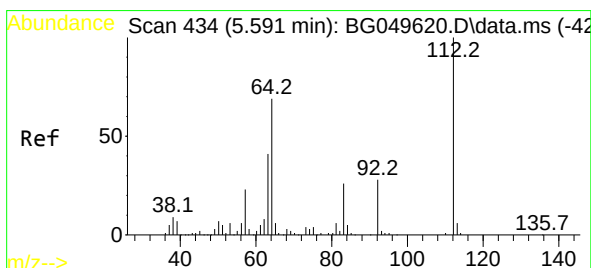
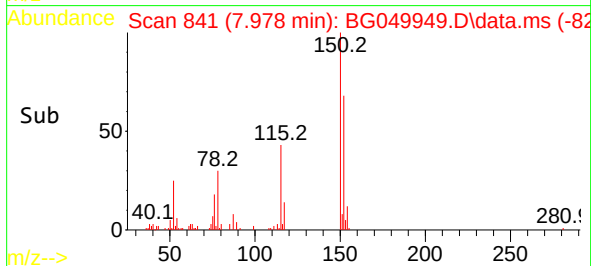
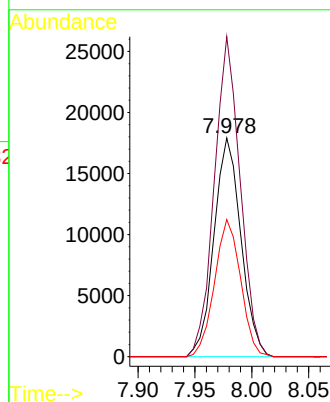
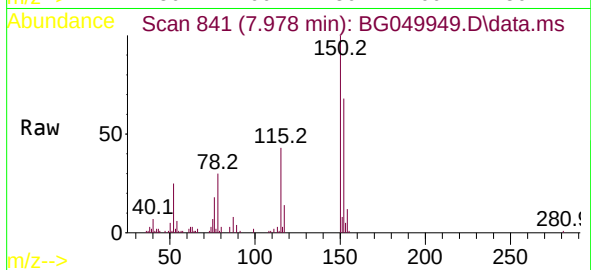




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 841
Delta R.T. -0.008 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

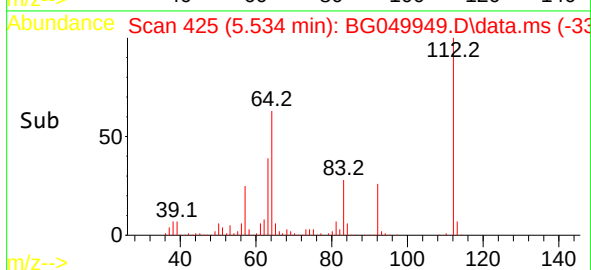
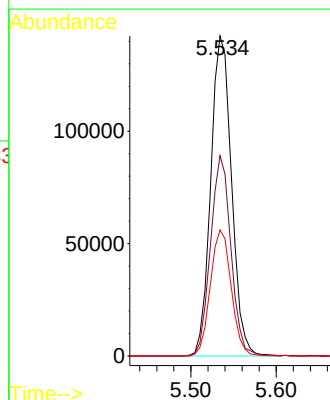
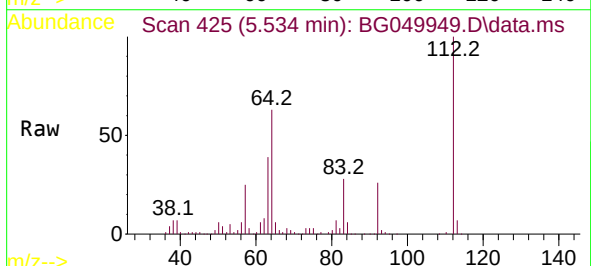
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0204

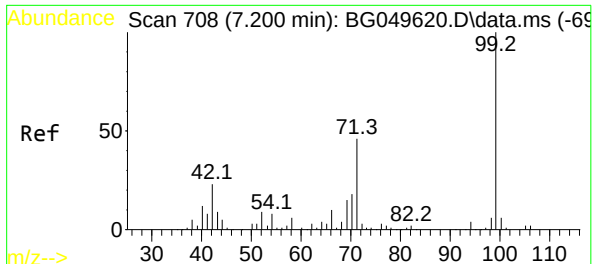
Tgt Ion:152 Resp: 29530
Ion Ratio Lower Upper
152 100
150 146.3 119.4 179.0
115 62.7 60.2 90.4



#5
2-Fluorophenol
Concen: 146.457 ng
RT: 5.534 min Scan# 425
Delta R.T. -0.002 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Tgt Ion:112 Resp: 241262
Ion Ratio Lower Upper
112 100
64 62.6 46.7 70.1
63 39.4 35.3 52.9

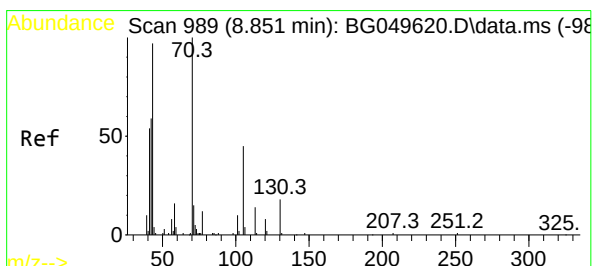
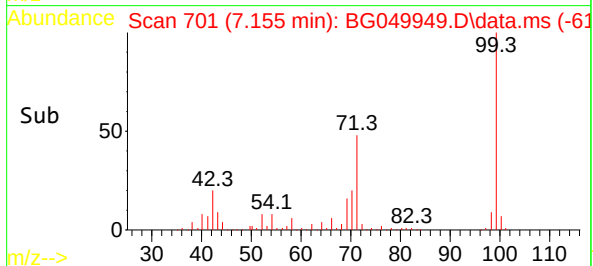
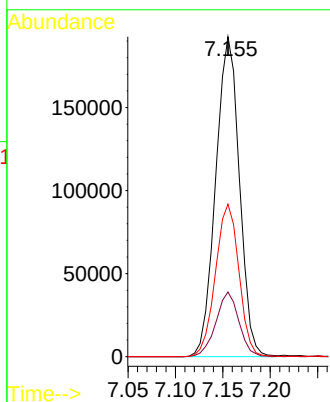
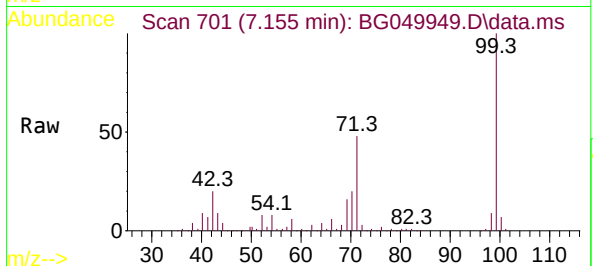




#7
Phenol-d6
Concen: 134.293 ng
RT: 7.155 min Scan# 701
Delta R.T. -0.002 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

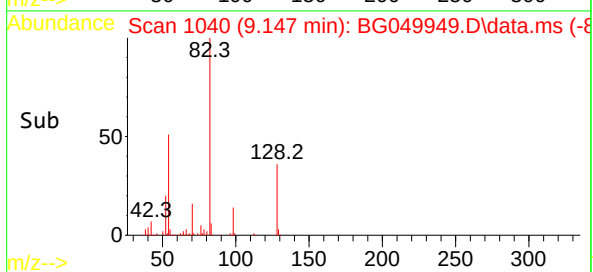
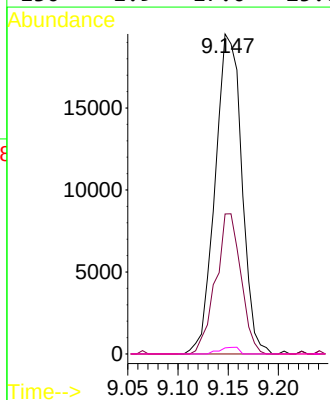
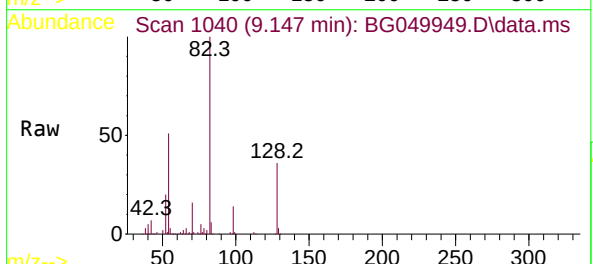
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0204

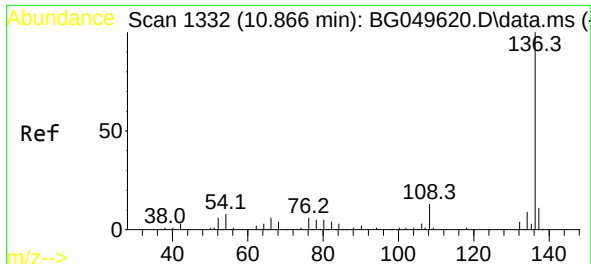
Tgt Ion: 99 Resp: 334876
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 47.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.529 ng
RT: 9.147 min Scan# 1040
Delta R.T. 0.350 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

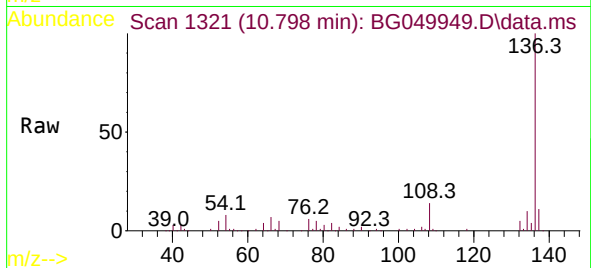
Tgt Ion: 70 Resp: 35926
Ion Ratio Lower Upper
70 100
42 43.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#



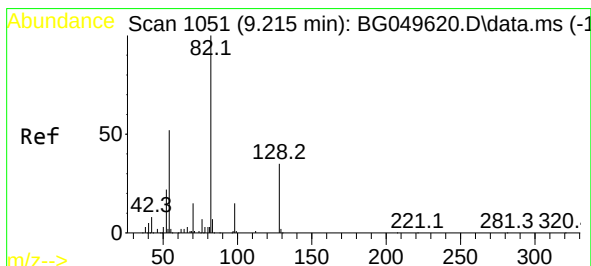
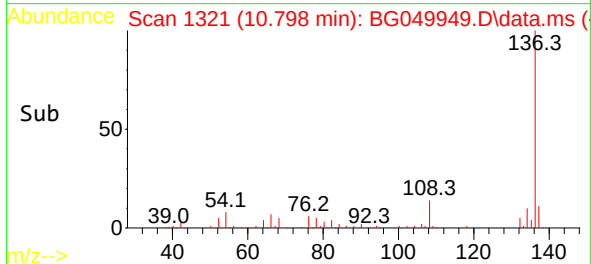
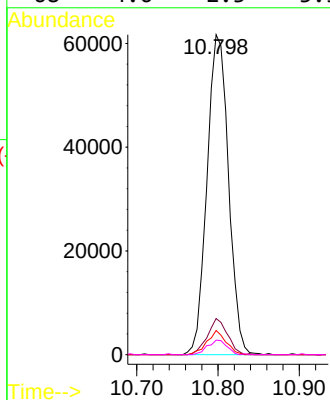


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1321
Delta R.T. -0.014 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Instrument :
BNA_G
ClientSampleId :
SWCS-25-0204

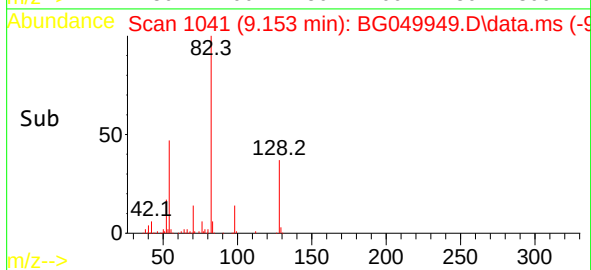
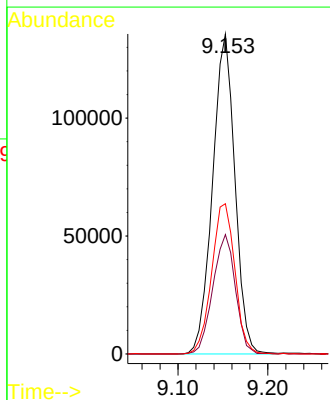
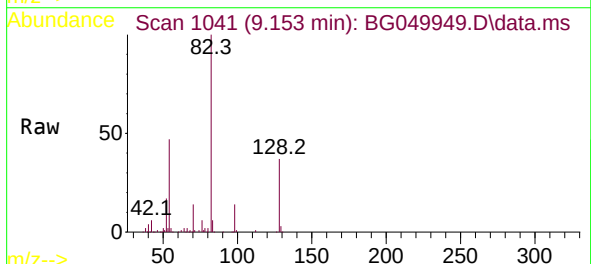


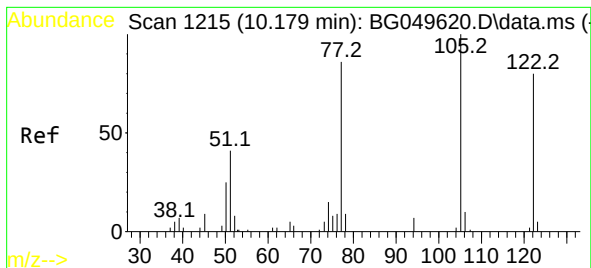
Tgt Ion:136 Resp: 113425
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 7.5 5.5 8.3
68 4.6 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 91.316 ng
RT: 9.153 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Tgt Ion: 82 Resp: 234062
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 47.0 45.8 68.8

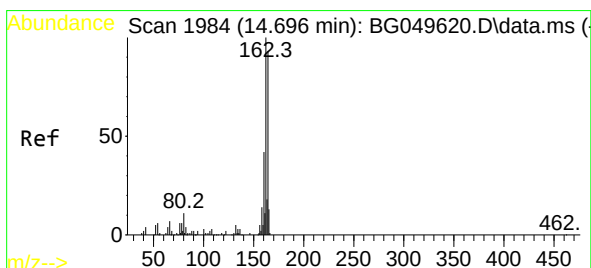
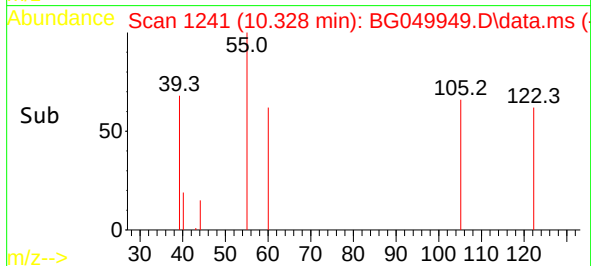
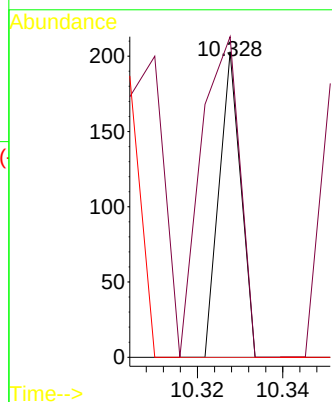
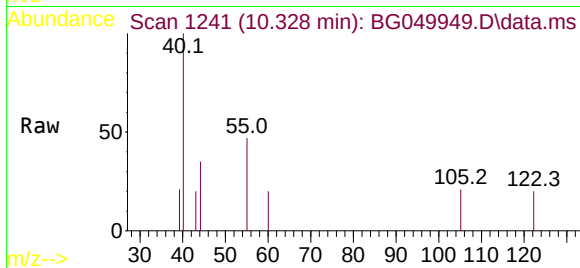




#32
Benzoic acid
Concen: 5.006 ng
RT: 10.328 min Scan# 1241
Delta R.T. 0.192 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

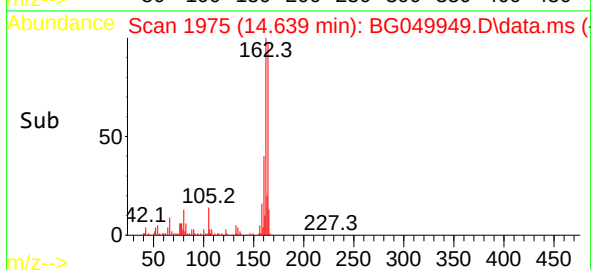
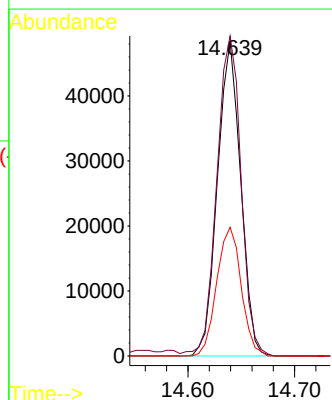
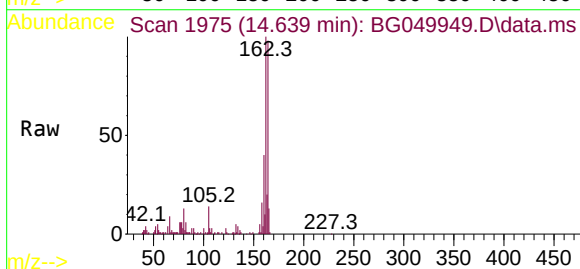
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0204

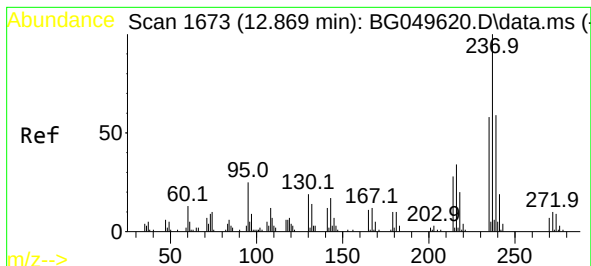
Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 104.9 92.3 132.3
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1975
Delta R.T. -0.008 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Tgt Ion:164 Resp: 73125
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 40.8 34.9 52.3

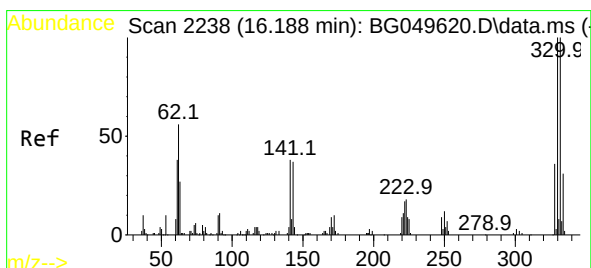
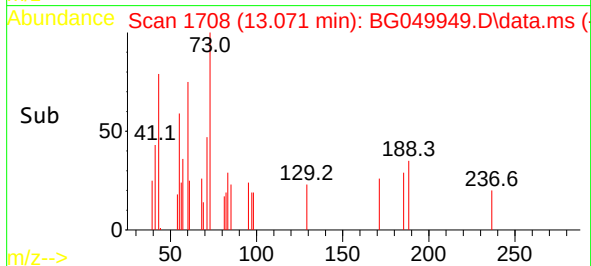
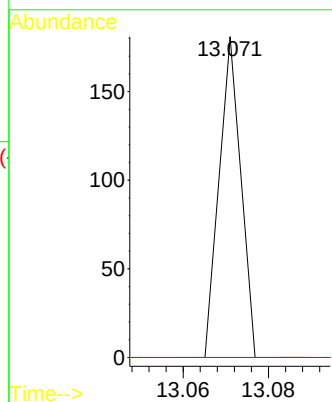
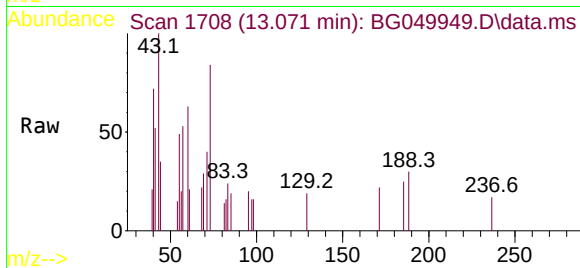




#41
Hexachlorocyclopentadiene
Concen: 3.593 ng
RT: 13.071 min Scan# 1708
Delta R.T. 0.256 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

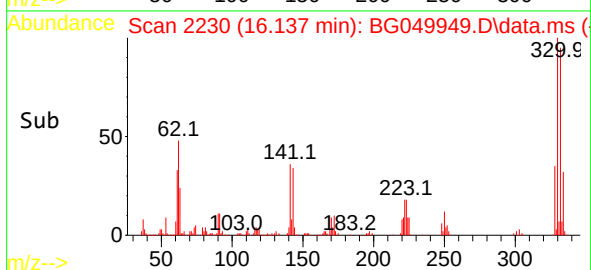
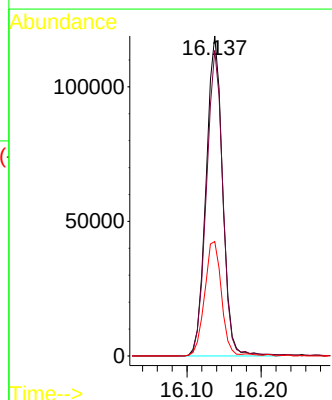
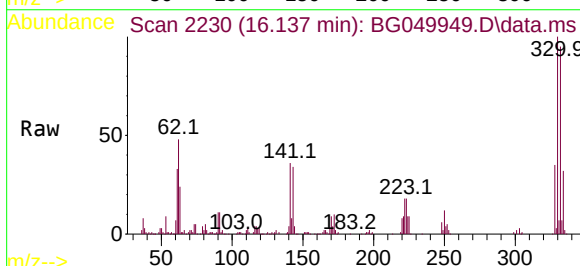
Instrument :
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ClientSampleId :
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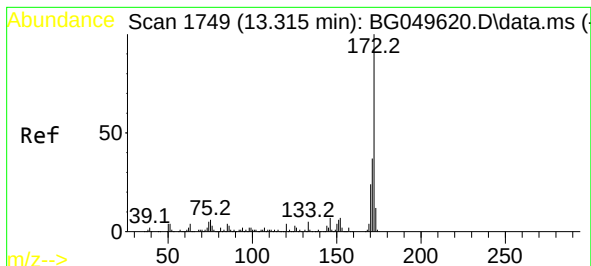
Tgt Ion:	237	Resp:	64
Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 170.941 ng
RT: 16.137 min Scan# 2230
Delta R.T. -0.008 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

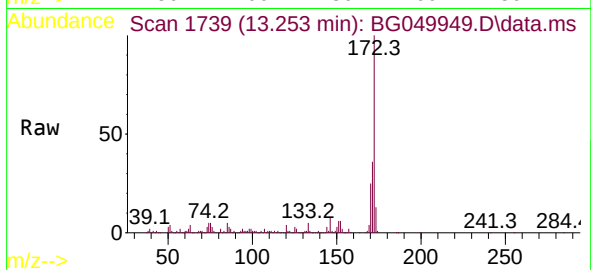
Tgt Ion:	330	Resp:	183735
Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.3	115.9
141	36.3	35.6	53.4



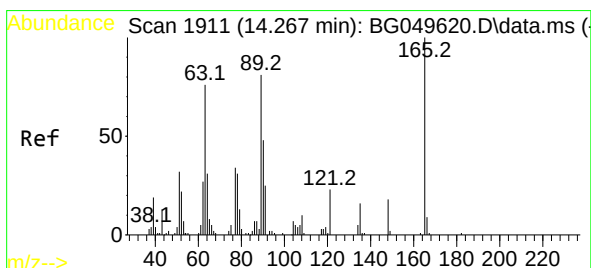
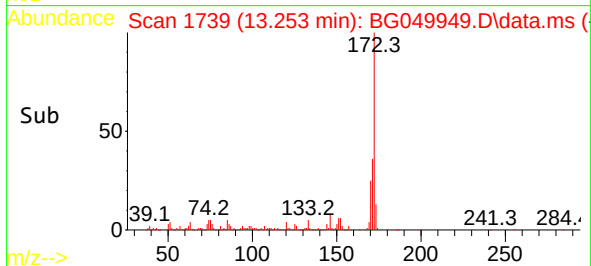
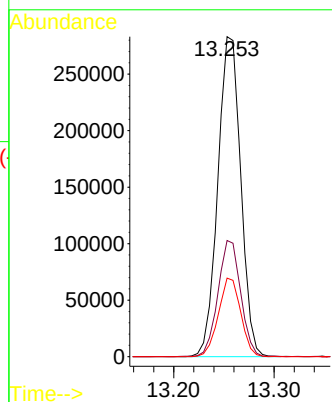


#45
2-Fluorobiphenyl
Concen: 89.345 ng
RT: 13.253 min Scan# 1739
Delta R.T. -0.008 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Instrument :
BNA_G
ClientSampleId :
SWCS-25-0204

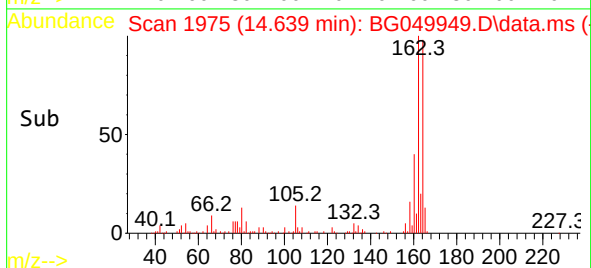
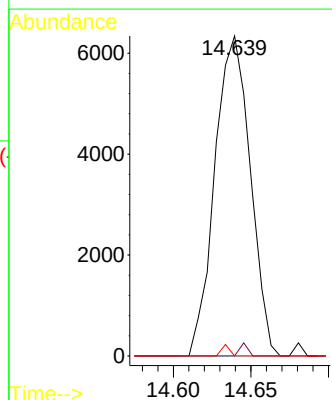
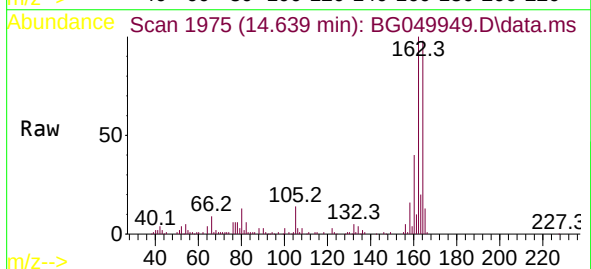


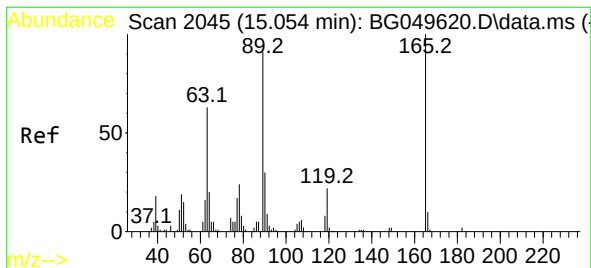
Tgt Ion:172 Resp: 449006
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.304 ng
RT: 14.639 min Scan# 1975
Delta R.T. 0.415 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Tgt Ion:165 Resp: 10087
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

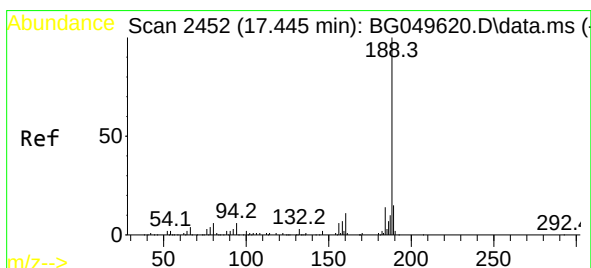
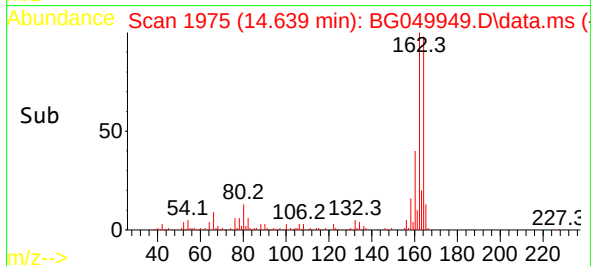
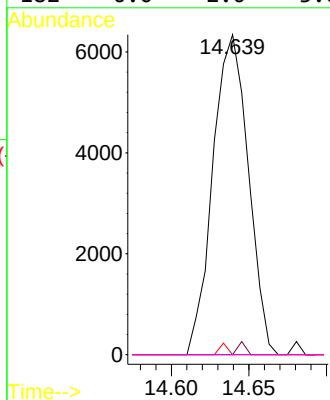
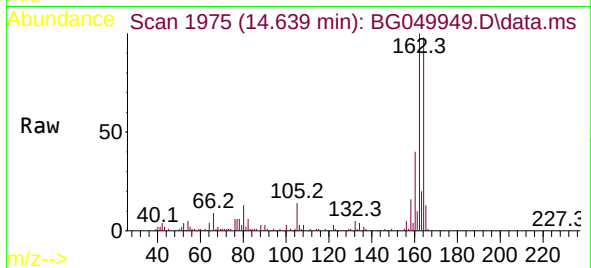




#57
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 14.639 min Scan# 1975
Delta R.T. -0.378 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

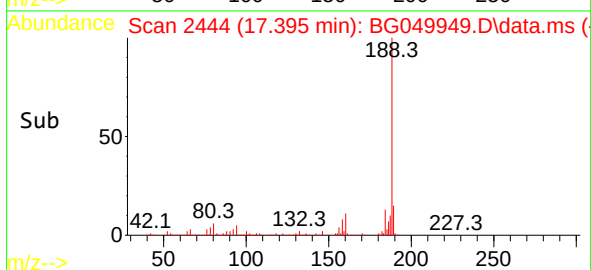
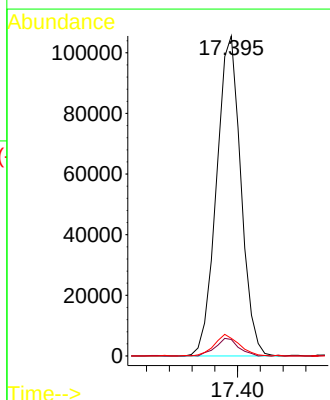
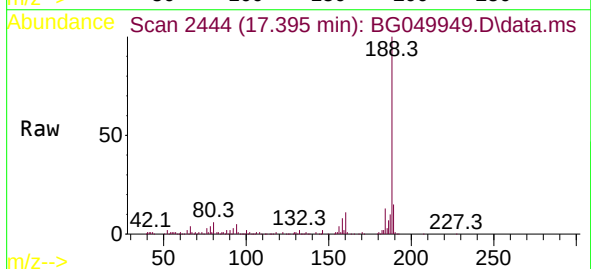
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0204

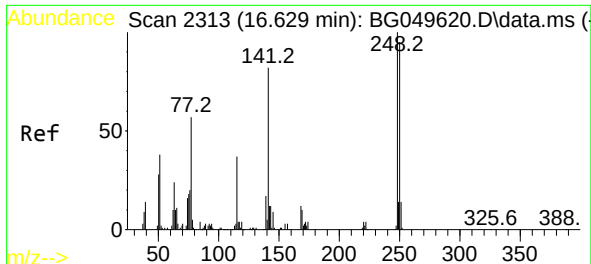
Tgt Ion:	165	Resp:	10087
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.395 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Tgt Ion:	188	Resp:	156783
Ion Ratio	Lower	Upper	
188	100		
94	5.2	5.4	8.0#
80	5.5	3.7	5.5

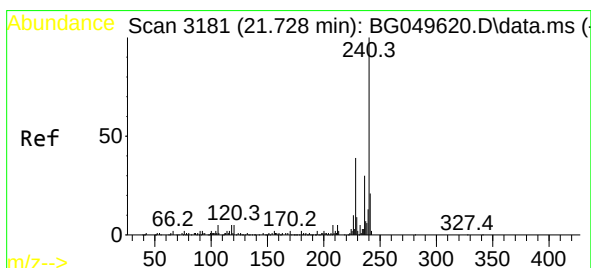
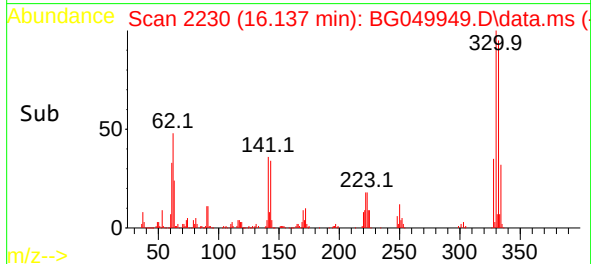
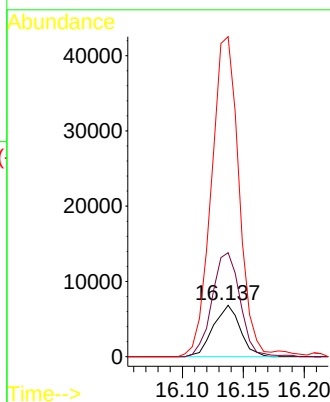
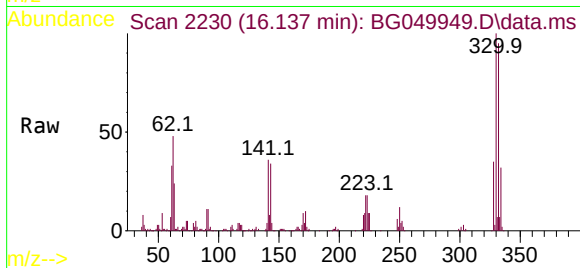




#67
4-Bromophenyl-phenylether
Concen: 5.691 ng
RT: 16.137 min Scan# 2230
Delta R.T. -0.443 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

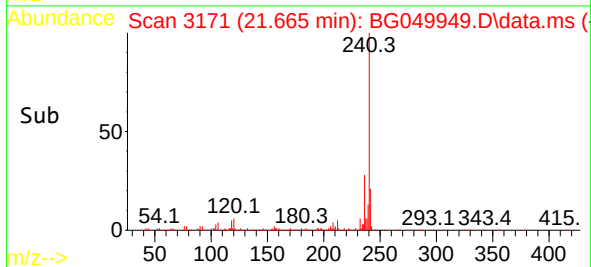
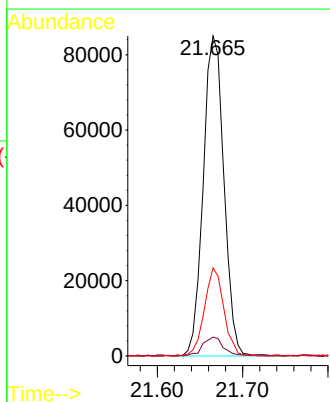
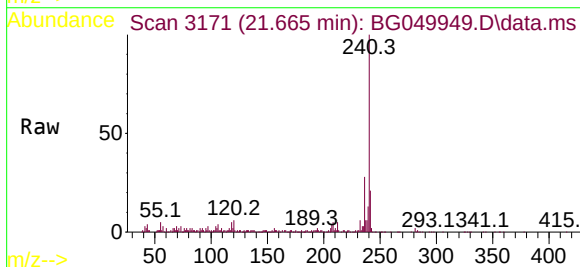
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0204

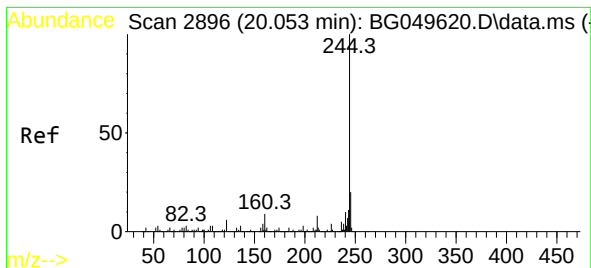
Tgt Ion:248 Resp: 10508
Ion Ratio Lower Upper
248 100
250 202.2 76.1 114.1#
141 622.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.665 min Scan# 3171
Delta R.T. -0.014 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Tgt Ion:240 Resp: 143034
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 27.5 21.8 32.6

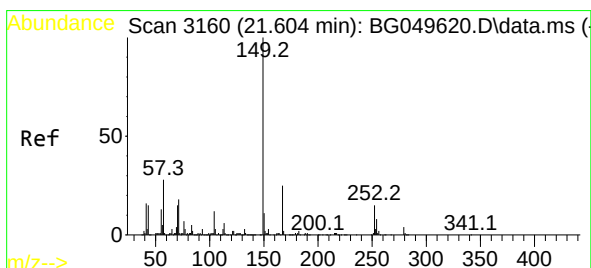
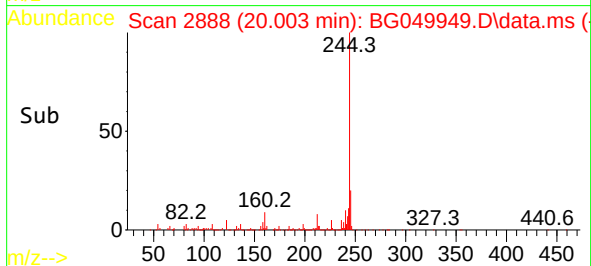
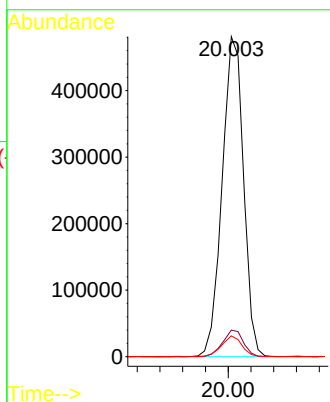
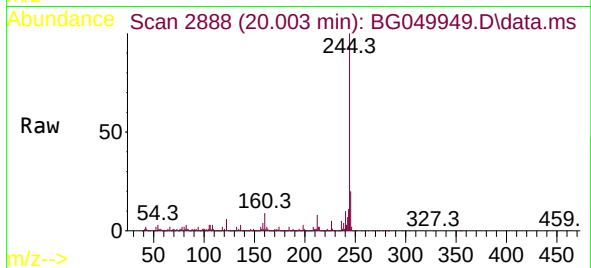




#79
Terphenyl-d14
Concen: 79.677 ng
RT: 20.003 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

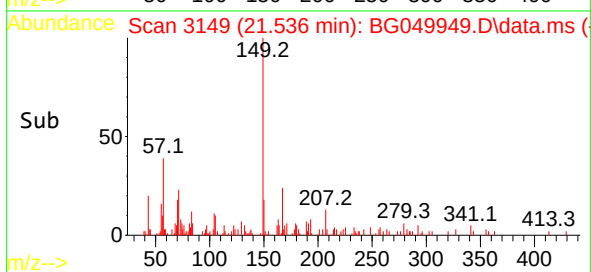
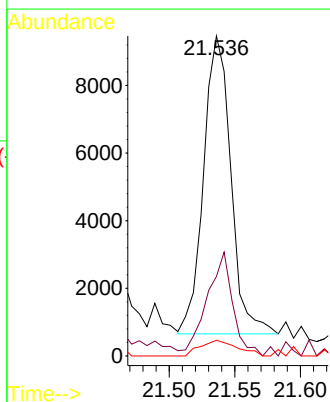
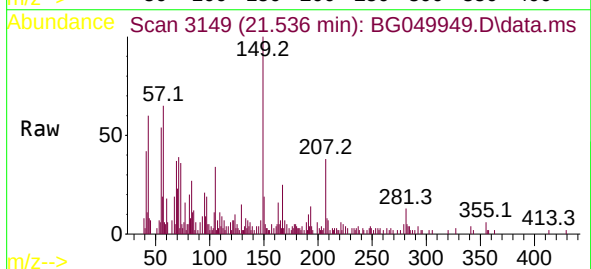
Instrument :
BNA_G
ClientSampleId :
SWCS-25-0204

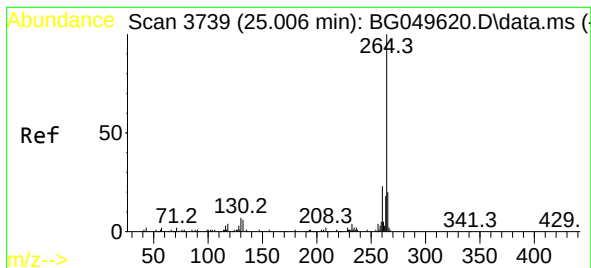
Tgt Ion:244 Resp: 627492
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.5 5.0 7.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.428 ng
RT: 21.536 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BG049949.D
Acq: 24 Aug 2021 12:39

Tgt Ion:149 Resp: 12766
Ion Ratio Lower Upper
149 100
167 24.9 22.3 33.5
279 4.9 3.8 5.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.908 min Scan# 3723
 Delta R.T. -0.014 min
 Lab File: BG049949.D
 Acq: 24 Aug 2021 12:39

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-25-0204

Tgt Ion:264 Resp: 149809

Ion	Ratio	Lower	Upper
264	100		
260	21.3	19.4	29.2
265	23.3	16.9	25.3

