

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049916.D
 Acq On : 20 Aug 2021 19:26
 Operator : CG/JU
 Sample : M3463-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-20-0003

Quant Time: Aug 21 05:19:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 21 05:13:22 2021
 Response via : Initial Calibration

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

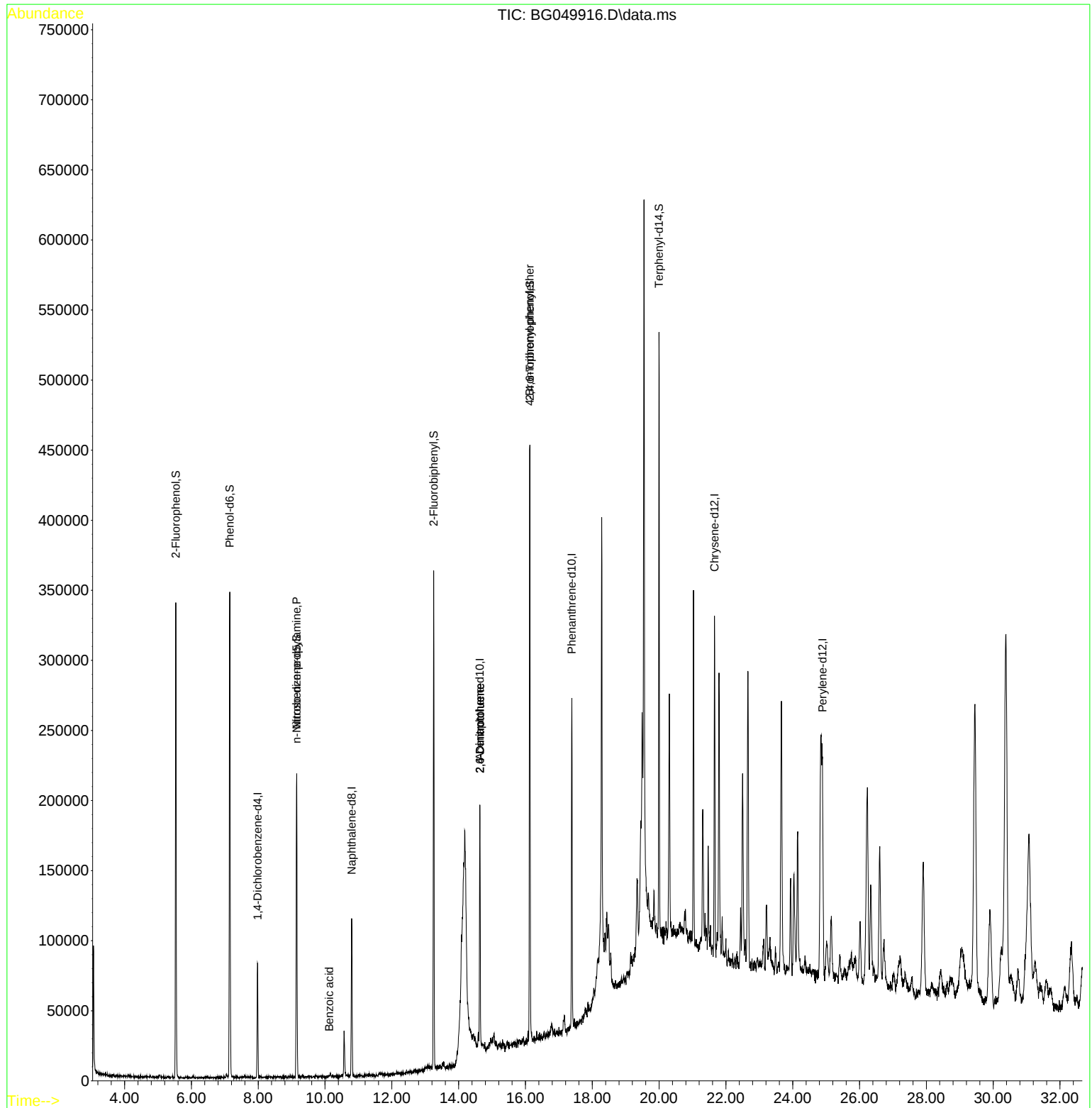
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	22370	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	97243	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	62516	20.000	ng	0.00
64) Phenanthrene-d10	17.388	188	140461	20.000	ng	# 0.00
76) Chrysene-d12	21.659	240	144842	20.000	ng	0.00
86) Perylene-d12	24.890	264	149797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	138575	111.046	ng	0.00
7) Phenol-d6	7.149	99	189119	100.116	ng	0.00
23) Nitrobenzene-d5	9.153	82	128949	58.679	ng	0.00
42) 2,4,6-Tribromophenol	16.131	330	85348	92.880	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	176725	41.133	ng	0.00
79) Terphenyl-d14	19.997	244	194752	24.420	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.147	70	20127	15.922	ng	# 66
32) Benzoic acid	10.128	122	58	5.003	ng	# 38
51) 2,6-Dinitrotoluene	14.639	165	7989	7.693	ng	# 12
57) 2,4-Dinitrotoluene	14.639	165	7989	5.477	ng	# 17
67) 4-Bromophenyl-phenylether	16.125	248	4749	2.871	ng	# 1

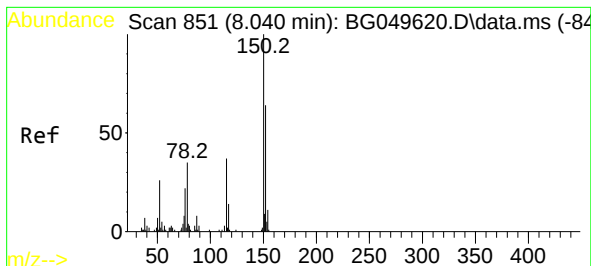
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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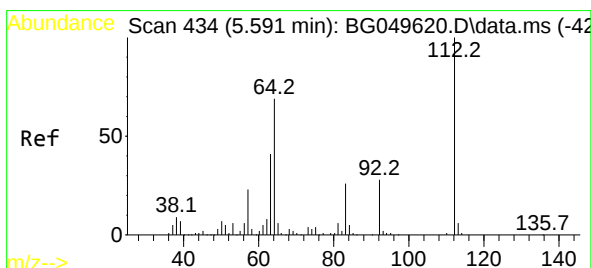
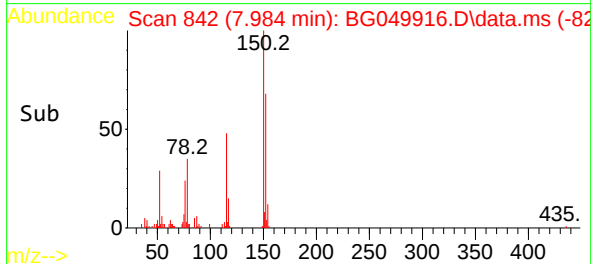
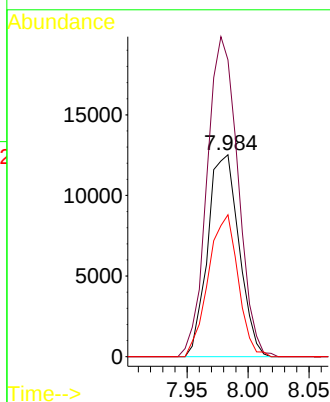
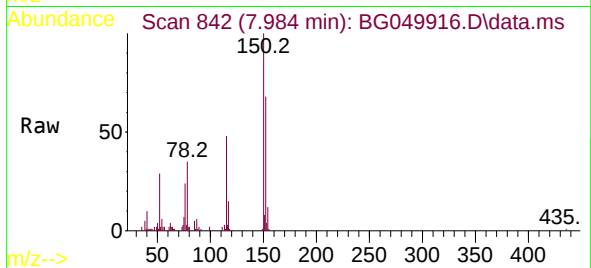




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 842
Delta R.T. 0.007 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

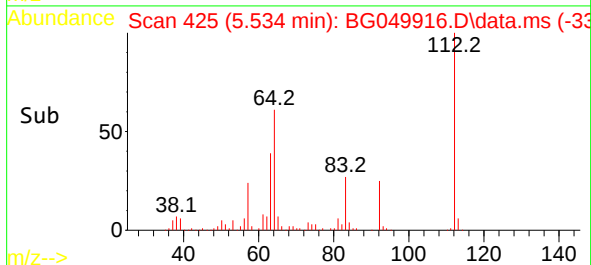
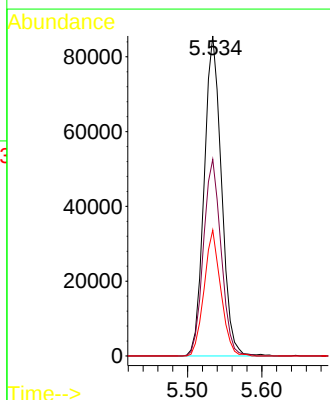
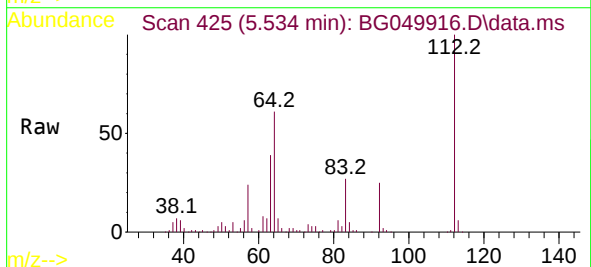
Instrument :
BNA_G
ClientSampleId :
SWCS-20-0003

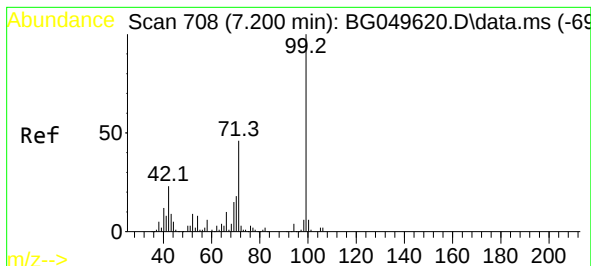
Tgt Ion:152 Resp: 22370
Ion Ratio Lower Upper
152 100
150 147.0 119.4 179.0
115 70.3 60.2 90.4



#5
2-Fluorophenol
Concen: 111.046 ng
RT: 5.534 min Scan# 425
Delta R.T. 0.006 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

Tgt Ion:112 Resp: 138575
Ion Ratio Lower Upper
112 100
64 61.5 46.7 70.1
63 39.3 35.3 52.9

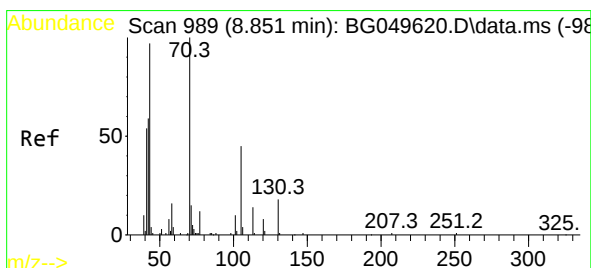
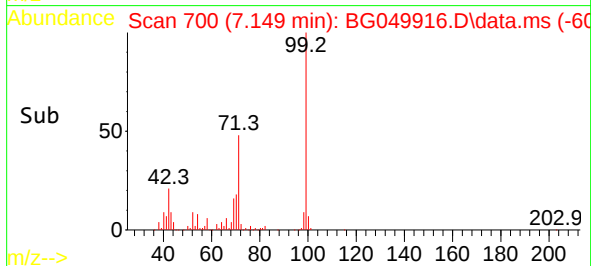
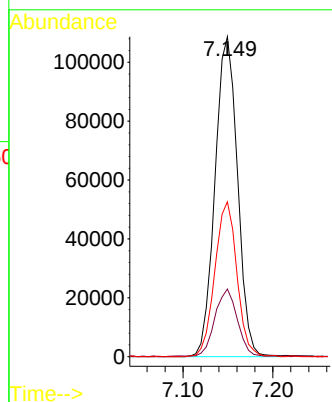
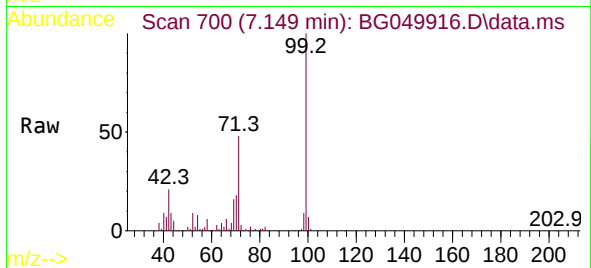




#7
Phenol-d6
Concen: 100.116 ng
RT: 7.149 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

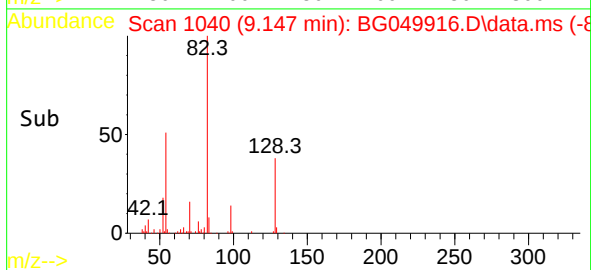
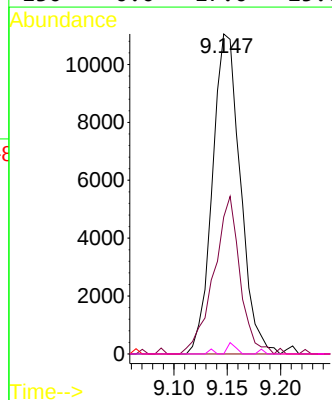
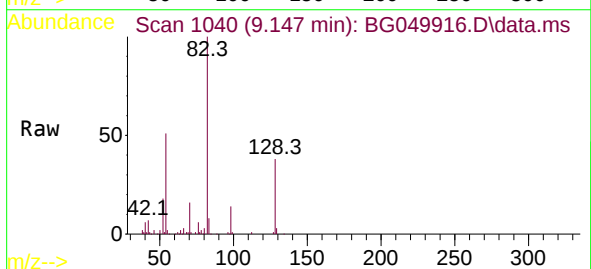
Instrument :
BNA_G
ClientSampleId :
SWCS-20-0003

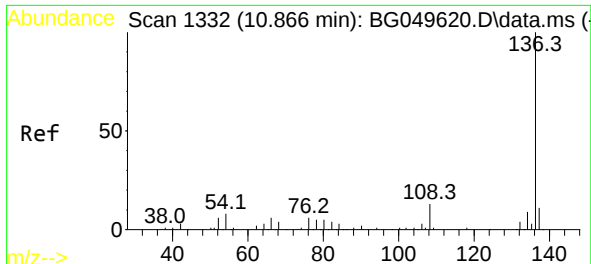
Tgt Ion: 99 Resp: 189119
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 48.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.922 ng
RT: 9.147 min Scan# 1040
Delta R.T. 0.359 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

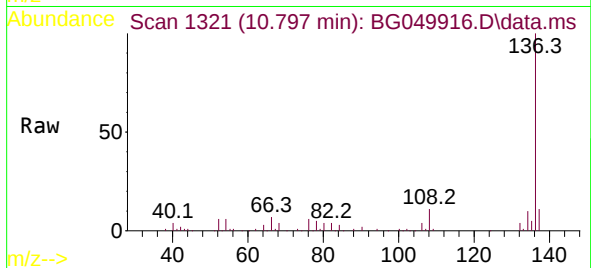
Tgt Ion: 70 Resp: 20127
Ion Ratio Lower Upper
70 100
42 42.8 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



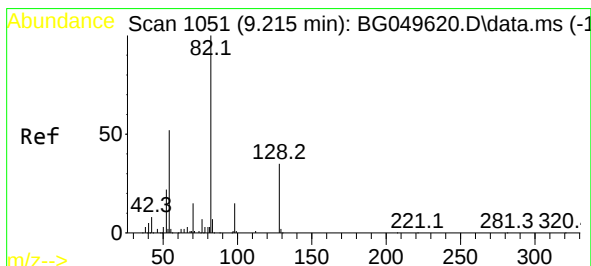
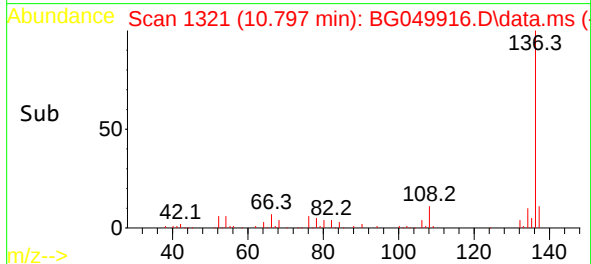
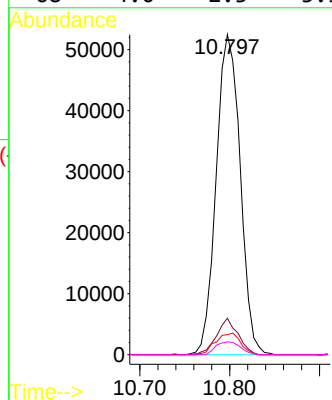


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1321
Delta R.T. 0.001 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

Instrument :
BNA_G
ClientSampleId :
SWCS-20-0003

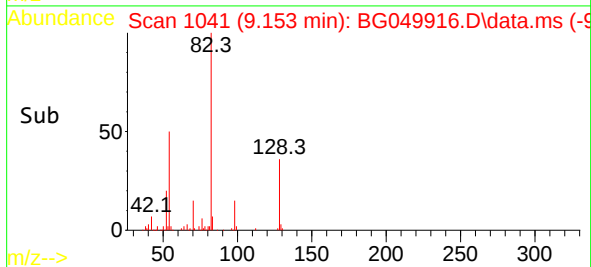
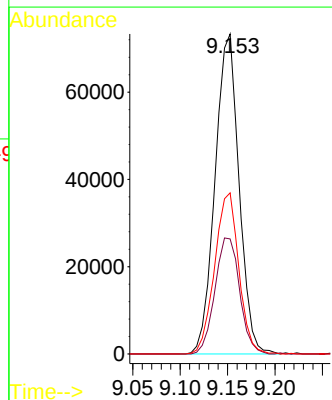
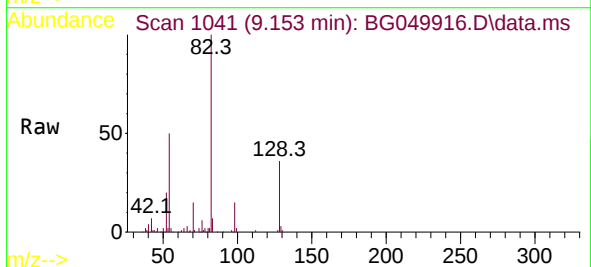


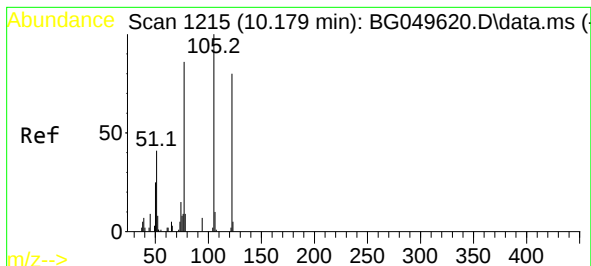
Tgt Ion:136 Resp: 97243
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 6.3 5.5 8.3
68 4.0 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 58.679 ng
RT: 9.153 min Scan# 1041
Delta R.T. 0.001 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

Tgt Ion: 82 Resp: 128949
Ion Ratio Lower Upper
82 100
128 35.9 29.8 44.6
54 50.3 45.8 68.8

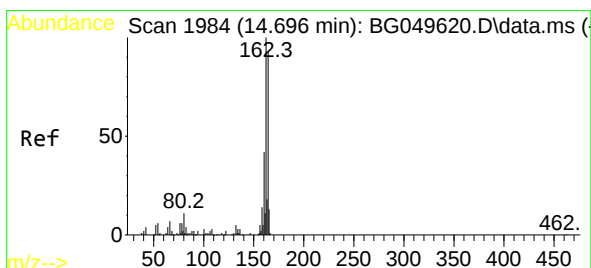
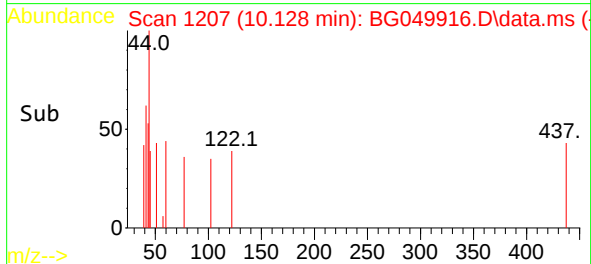
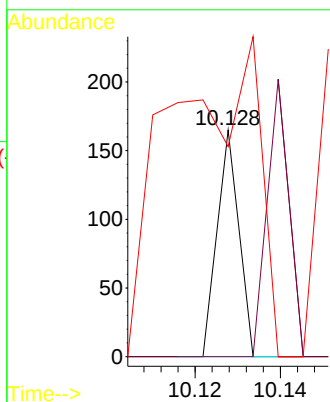
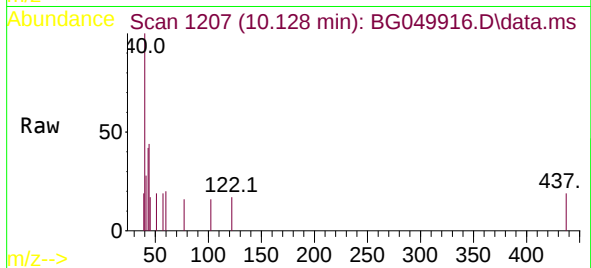




#32
Benzoic acid
Concen: 5.003 ng
RT: 10.128 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

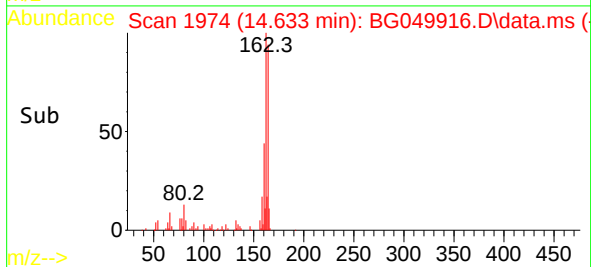
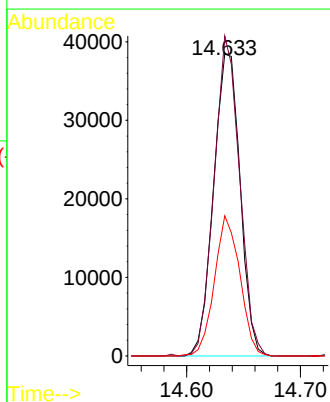
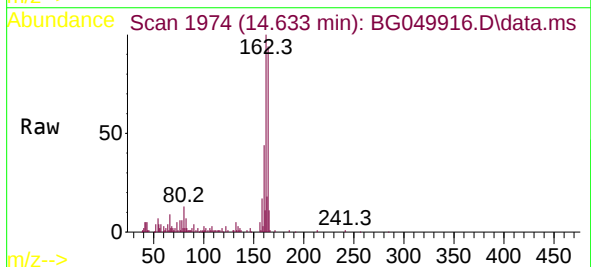
Instrument :
BNA_G
ClientSampleId :
SWCS-20-0003

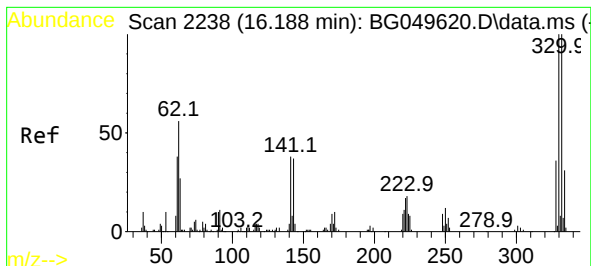
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 92.7 66.5 106.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

Tgt Ion:164 Resp: 62516
Ion Ratio Lower Upper
164 100
162 105.9 81.4 122.0
160 46.4 34.9 52.3

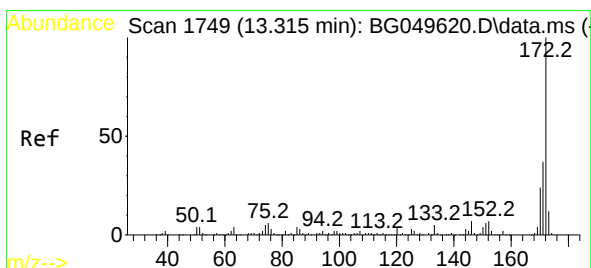
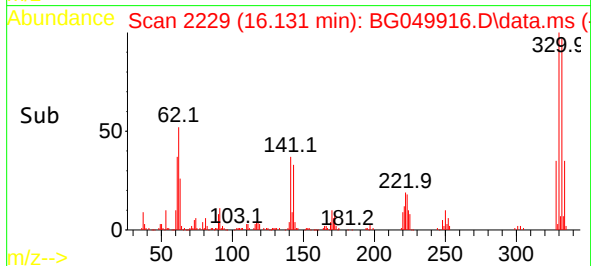
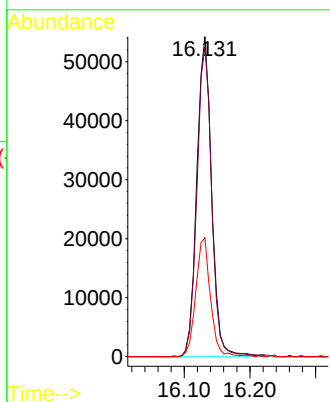
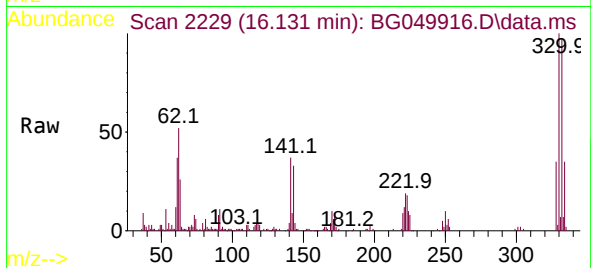




#42
2,4,6-Tribromophenol
Concen: 92.880 ng
RT: 16.131 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

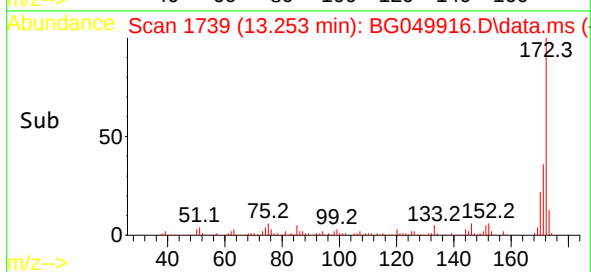
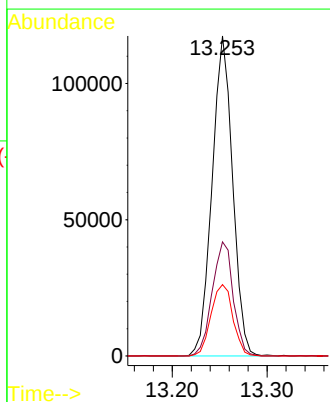
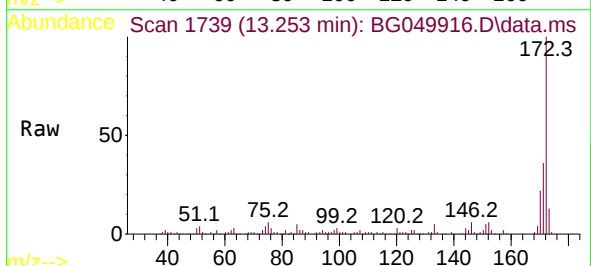
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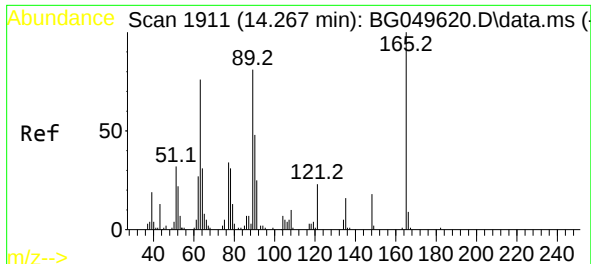
Tgt Ion:330 Resp: 85348
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 37.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 41.133 ng
RT: 13.253 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

Tgt Ion:172 Resp: 176725
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 22.3 18.6 27.8

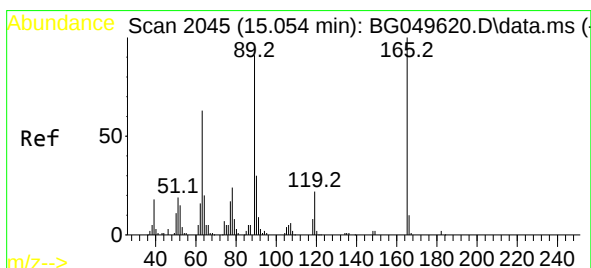
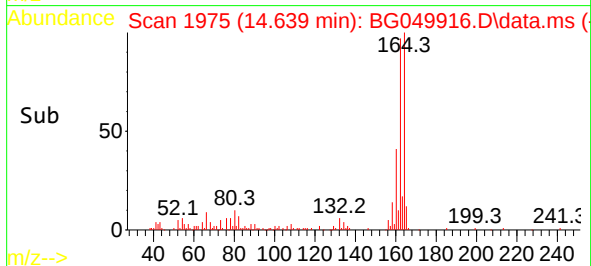
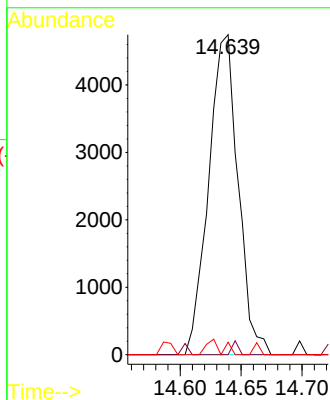
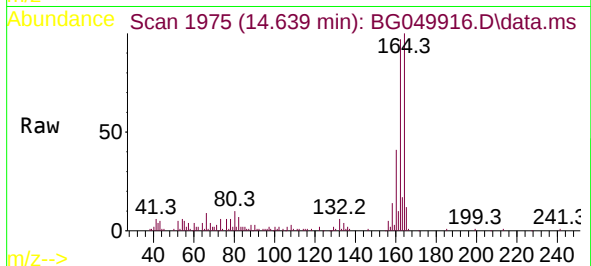




#51
2,6-Dinitrotoluene
Concen: 7.693 ng
RT: 14.639 min Scan# 1975
Delta R.T. 0.429 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

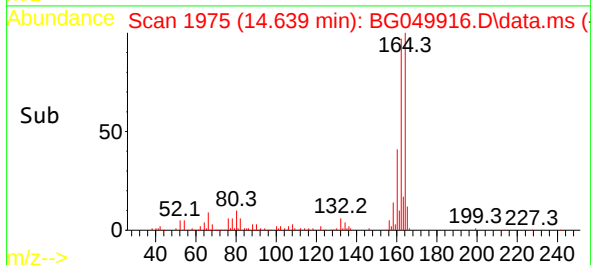
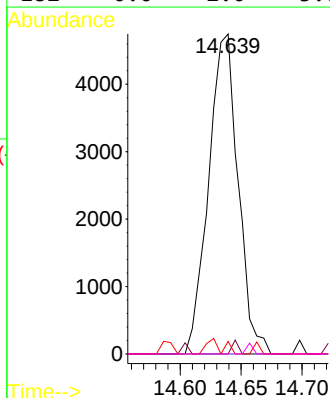
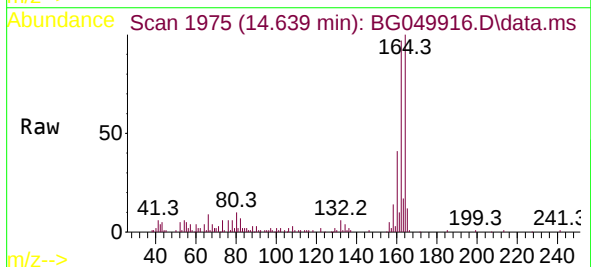
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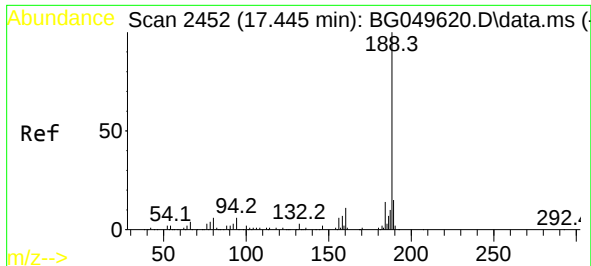
Tgt Ion:165 Resp: 7989
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.477 ng
RT: 14.639 min Scan# 1975
Delta R.T. -0.364 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

Tgt Ion:165 Resp: 7989
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#

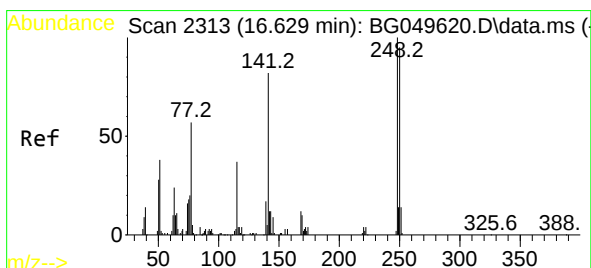
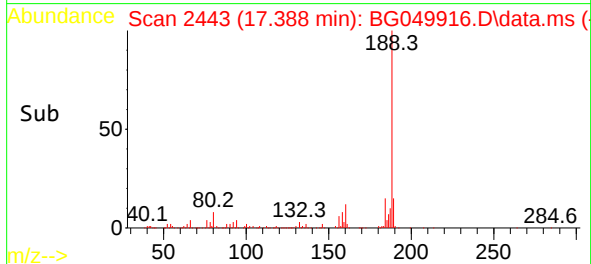
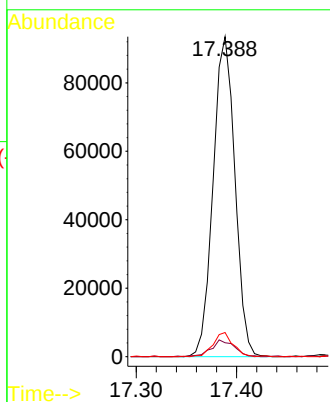
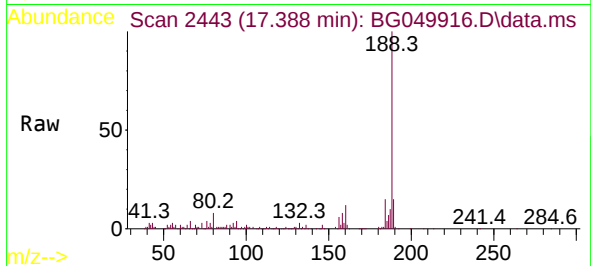




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.388 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

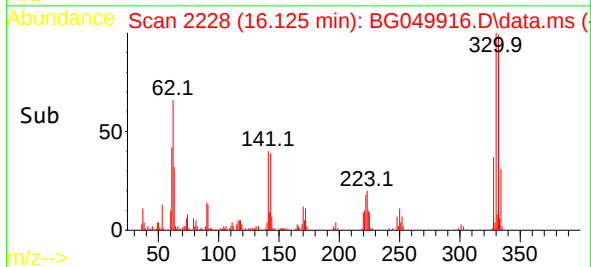
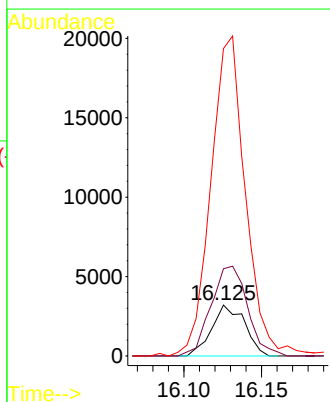
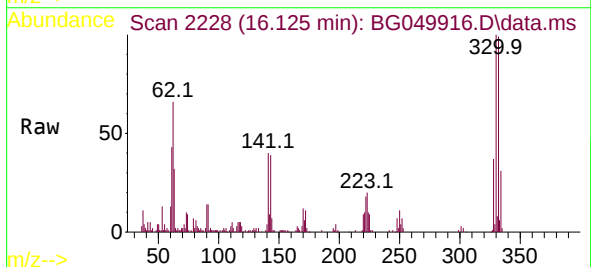
Instrument :
BNA_G
ClientSampleId :
SWCS-20-0003

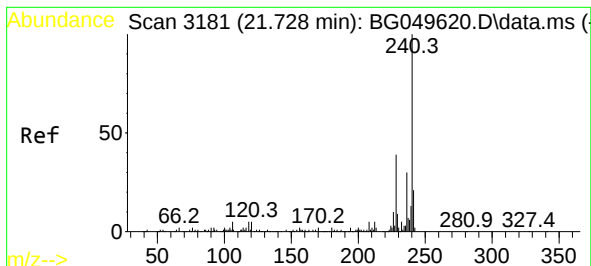
Tgt Ion:188 Resp: 140461
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 7.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.871 ng
RT: 16.125 min Scan# 2228
Delta R.T. -0.446 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

Tgt Ion:248 Resp: 4749
Ion Ratio Lower Upper
248 100
250 171.3 76.1 114.1#
141 604.4 65.4 98.2#

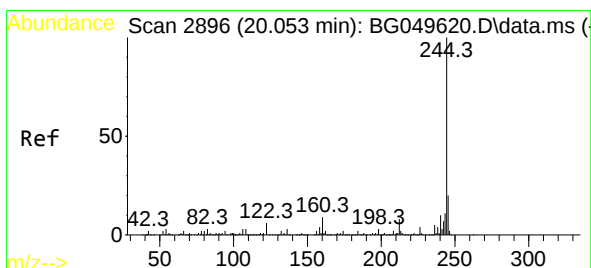
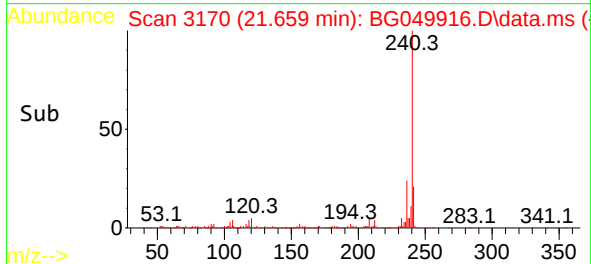
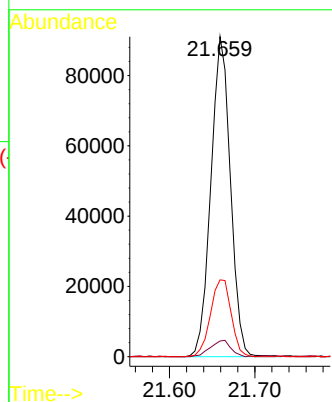
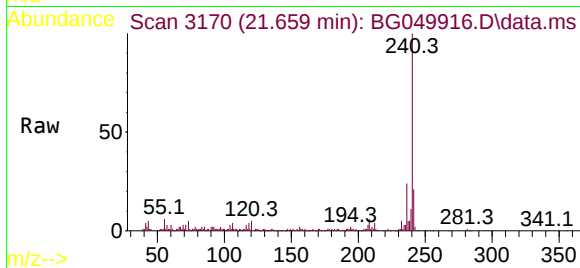




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.659 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

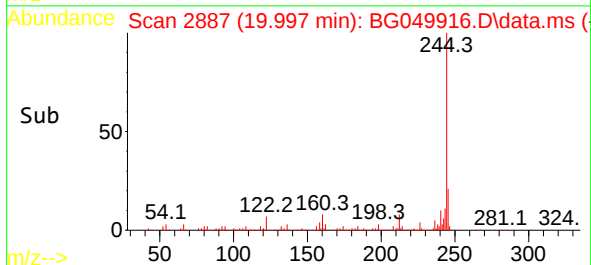
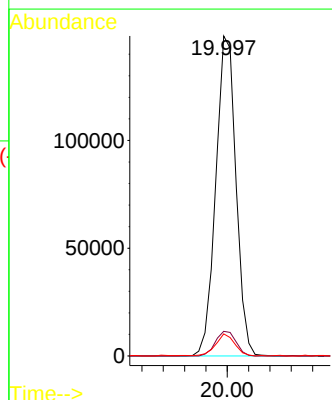
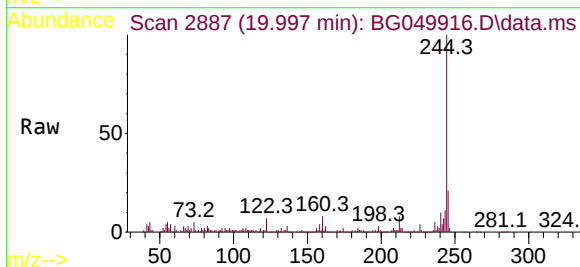
Instrument :
BNA_G
ClientSampleId :
SWCS-20-0003

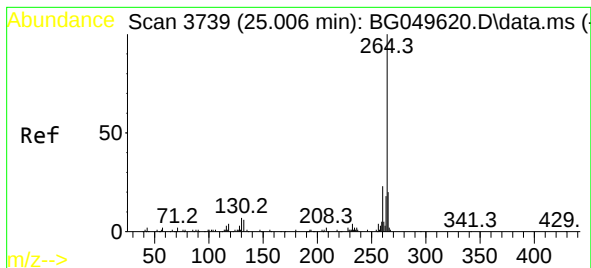
Tgt Ion:240 Resp: 144842
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 24.0 21.8 32.6



#79
Terphenyl-d14
Concen: 24.420 ng
RT: 19.997 min Scan# 2887
Delta R.T. 0.001 min
Lab File: BG049916.D
Acq: 20 Aug 2021 19:26

Tgt Ion:244 Resp: 194752
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.9 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.890 min Scan# 3720
 Delta R.T. 0.006 min
 Lab File: BG049916.D
 Acq: 20 Aug 2021 19:26

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-20-0003

Tgt Ion:264 Resp: 149797

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	20.3	16.9	25.3

