

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050680.D
 Acq On : 21 Oct 2021 23:53
 Operator : CG/JU
 Sample : M4290-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2-FS

Quant Time: Oct 22 04:04:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

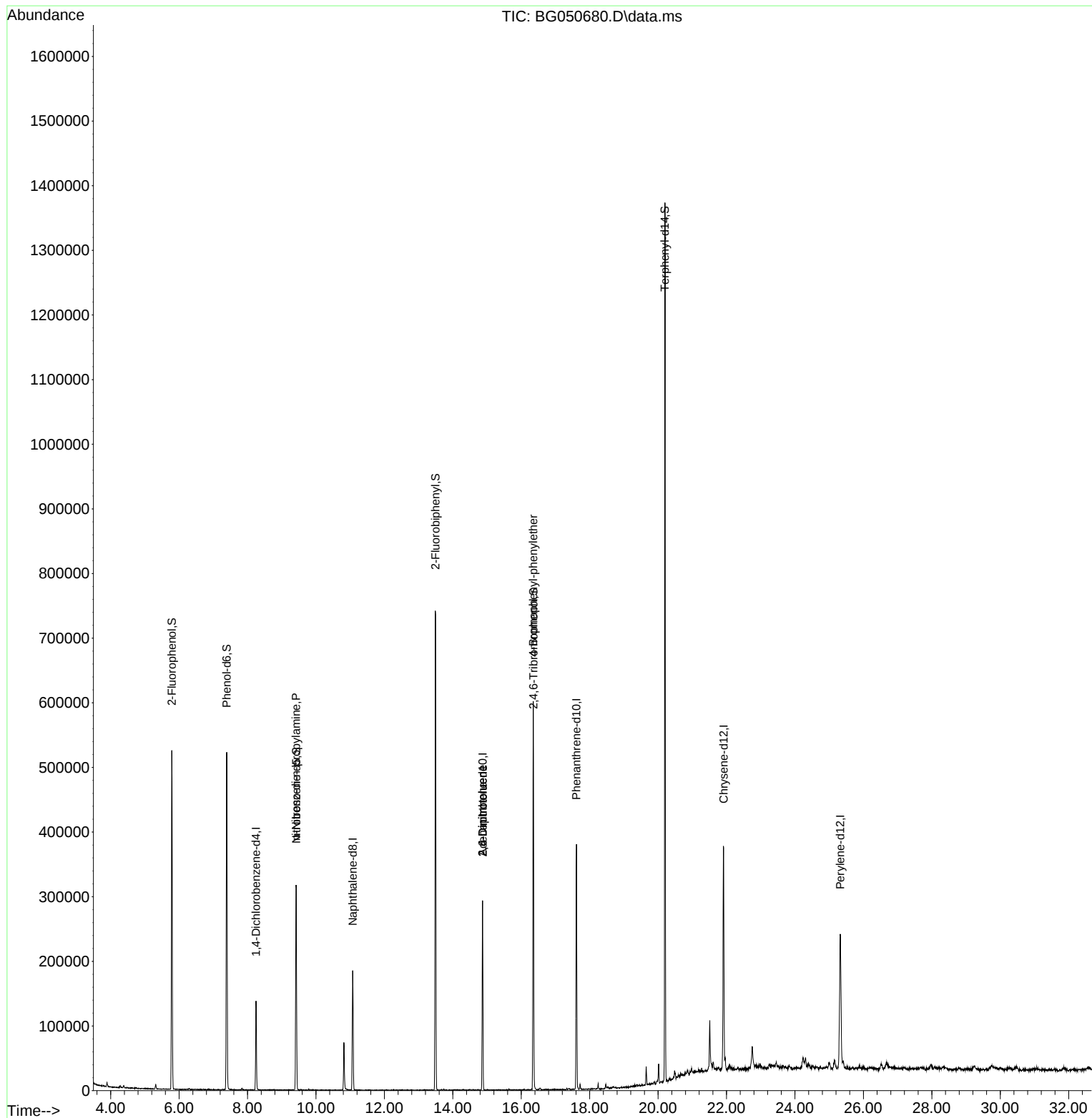
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	35967	20.000	ng	0.00
21) Naphthalene-d8	11.074	136	152959	20.000	ng	#-0.01
39) Acenaphthene-d10	14.870	164	100795	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	232635	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	209157	20.000	ng	#-0.01
86) Perylene-d12	25.322	264	202536	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	218684	90.930	ng	0.00
7) Phenol-d6	7.390	99	296196	85.066	ng	-0.01
23) Nitrobenzene-d5	9.423	82	206968	56.012	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	84663	88.062	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	377741	56.403	ng	-0.01
79) Terphenyl-d14	20.199	244	599214	55.832	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.390	77	649	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.417	70	28630	11.281	ng	# 69
51) 2,6-Dinitrotoluene	14.870	165	13060	8.558	ng	# 12
57) 2,4-Dinitrotoluene	14.870	165	13060	6.072	ng	# 17
67) 4-Bromophenyl-phenylether	16.351	248	6809	2.905	ng	# 1

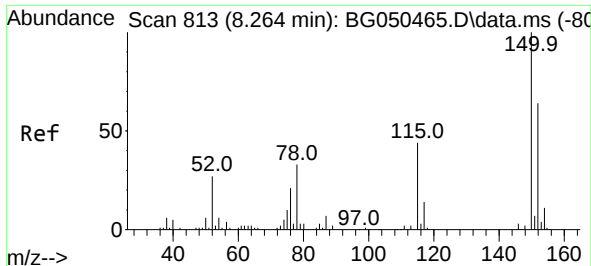
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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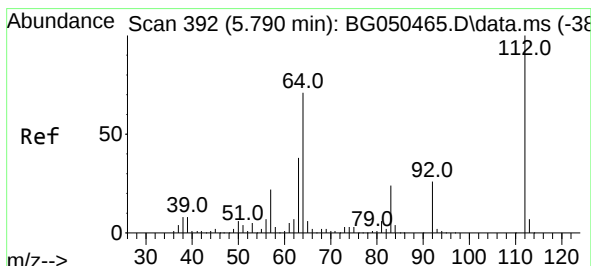
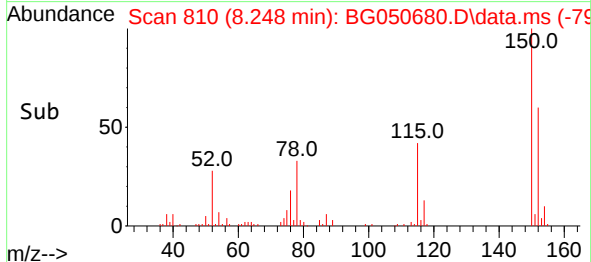
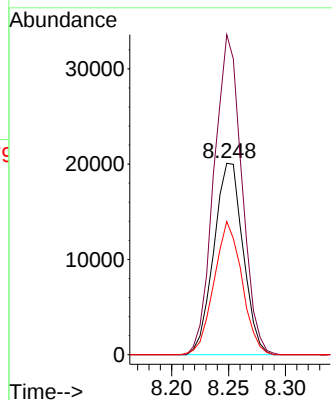
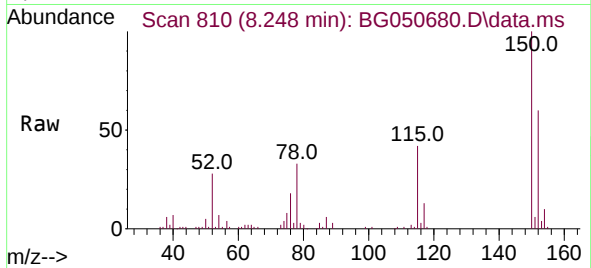




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.248 min Scan# 810
Delta R.T. -0.010 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

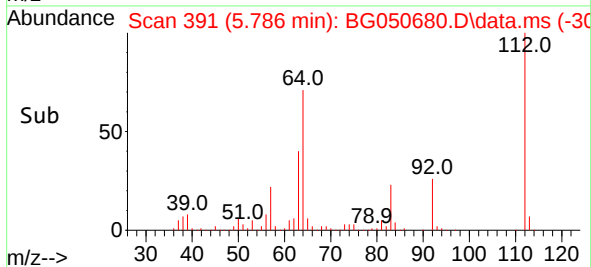
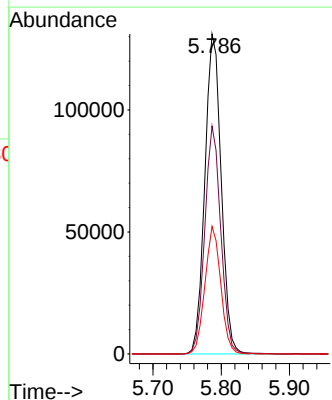
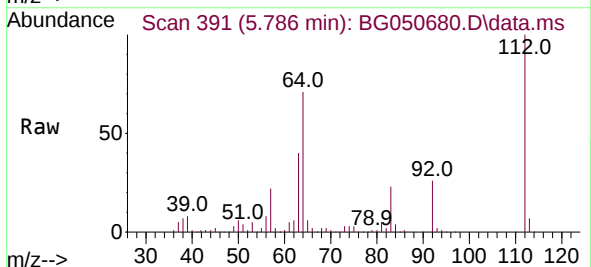
Instrument :
BNA_G
ClientSampleId :
WC-2-FS

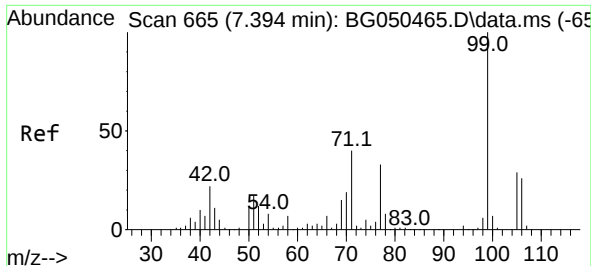
Tgt Ion:152 Resp: 35967
Ion Ratio Lower Upper
152 100
150 167.2 119.4 179.0
115 69.6 60.2 90.4



#5
2-Fluorophenol
Concen: 90.930 ng
RT: 5.786 min Scan# 391
Delta R.T. -0.004 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

Tgt Ion:112 Resp: 218684
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 39.8 35.3 52.9

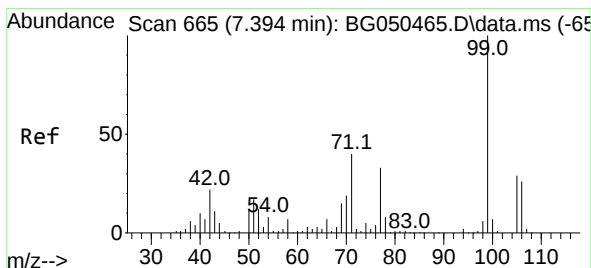
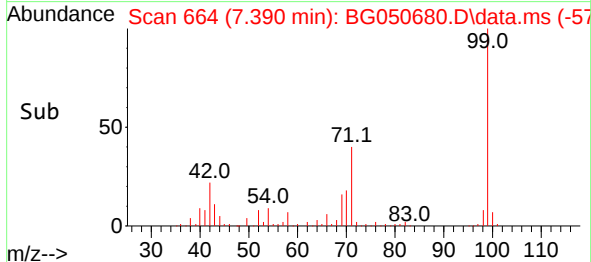
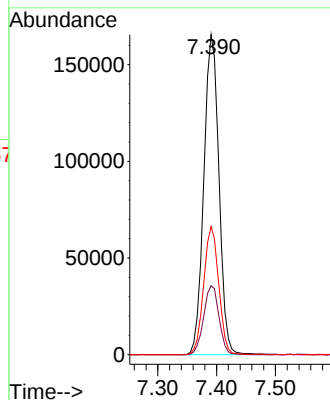
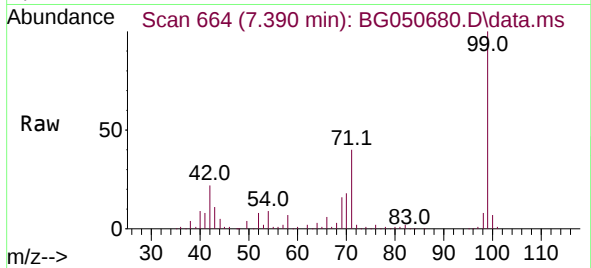




#7
Phenol-d6
Concen: 85.066 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.010 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

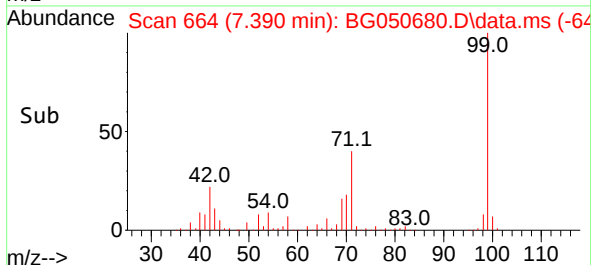
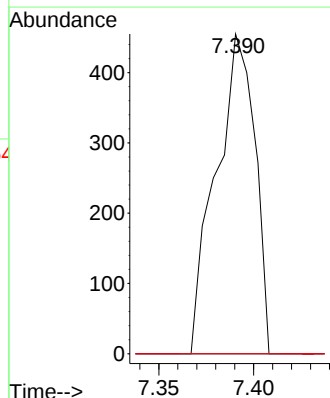
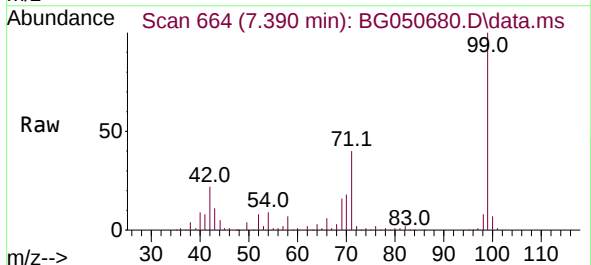
Instrument :
BNA_G
ClientSampleId :
WC-2-FS

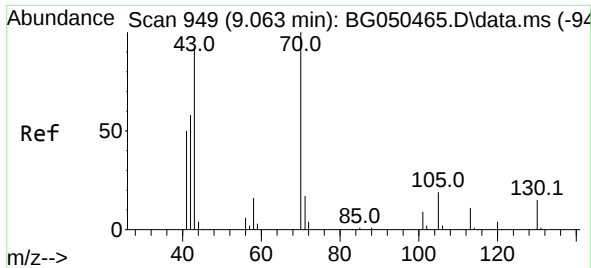
Tgt Ion: 99 Resp: 296196
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 40.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.390 min Scan# 664
Delta R.T. 0.002 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

Tgt Ion: 77 Resp: 649
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

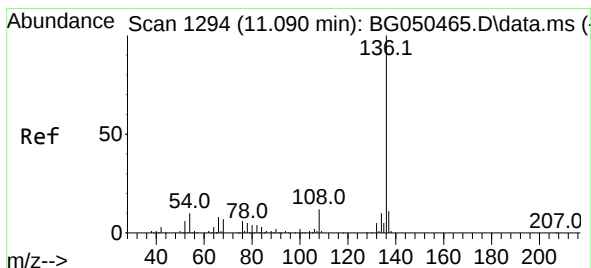
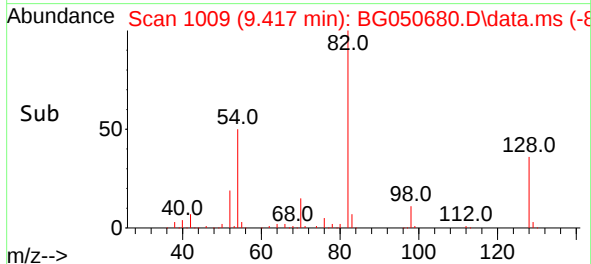
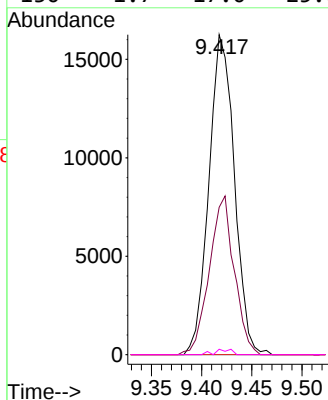
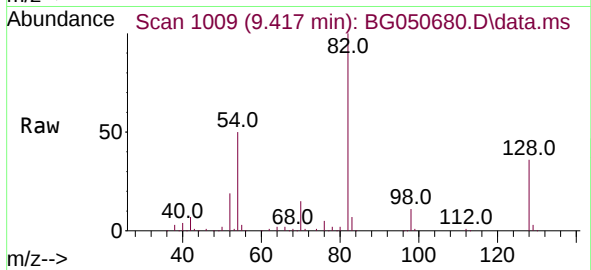




#19
n-Nitroso-di-n-propylamine
Concen: 11.281 ng
RT: 9.417 min Scan# 1009
Delta R.T. 0.360 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

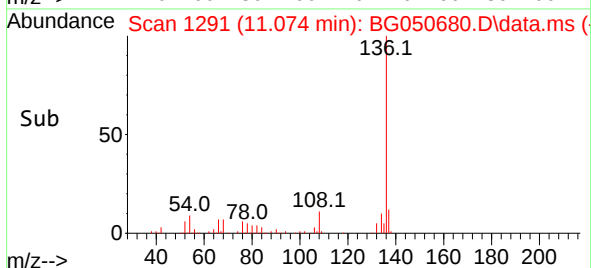
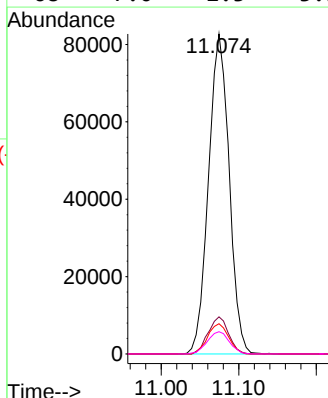
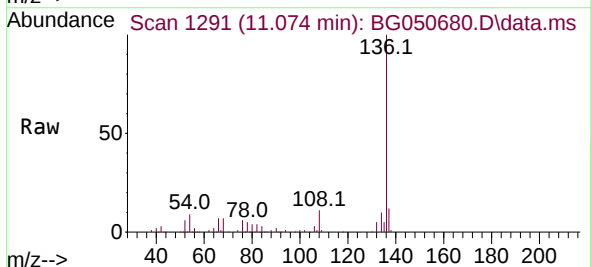
Instrument :
BNA_G
ClientSampled :
WC-2-FS

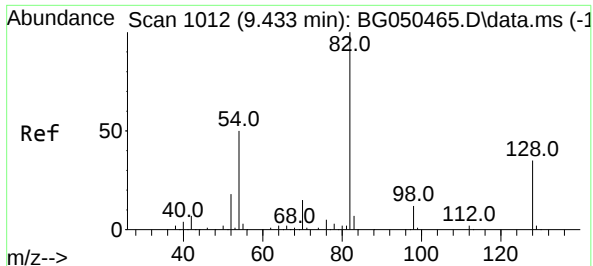
Tgt Ion: 70 Resp: 28630
Ion Ratio Lower Upper
70 100
42 46.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 1291
Delta R.T. -0.010 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

Tgt Ion:136 Resp: 152959
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.2
54 9.4 5.5 8.3#
68 7.0 2.3 3.5#

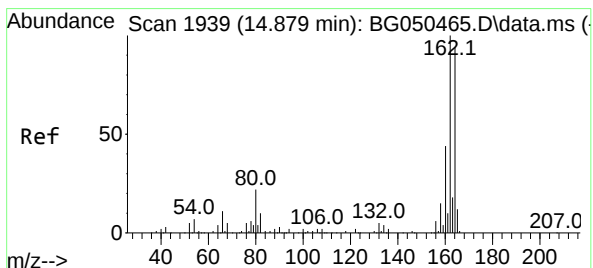
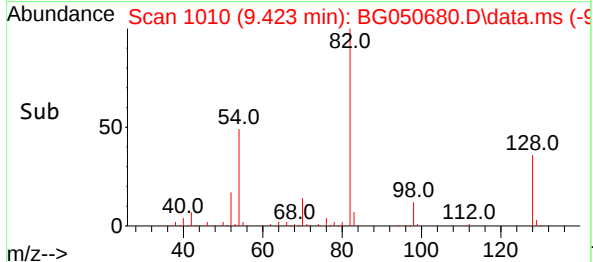
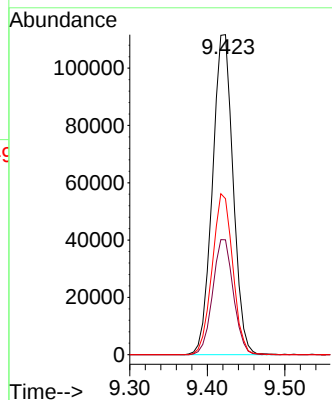
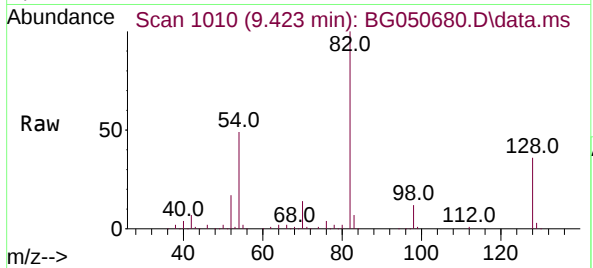




#23
Nitrobenzene-d5
Concen: 56.012 ng
RT: 9.423 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

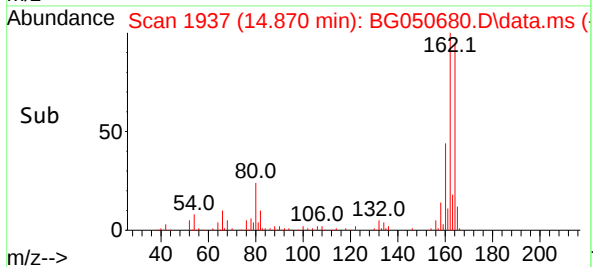
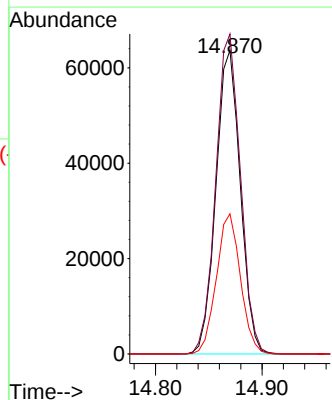
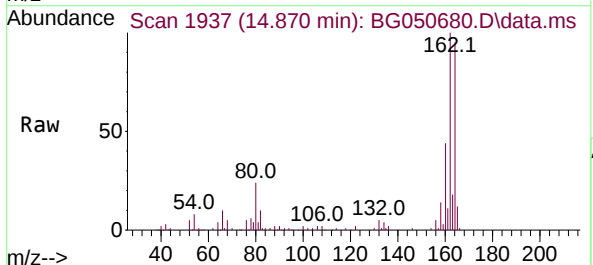
Instrument :
BNA_G
ClientSampleId :
WC-2-FS

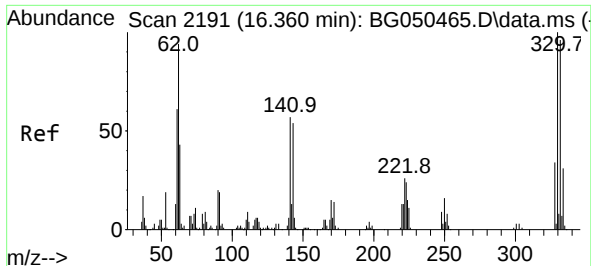
Tgt Ion: 82 Resp: 206968
Ion Ratio Lower Upper
82 100
128 35.9 29.8 44.6
54 48.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

Tgt Ion:164 Resp: 100795
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 46.1 34.9 52.3

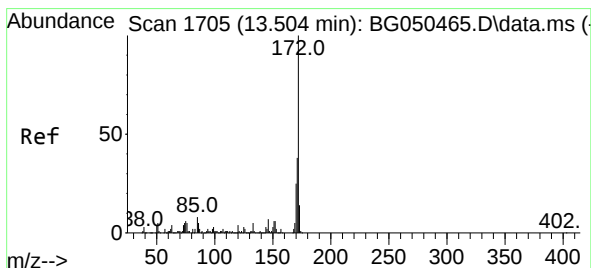
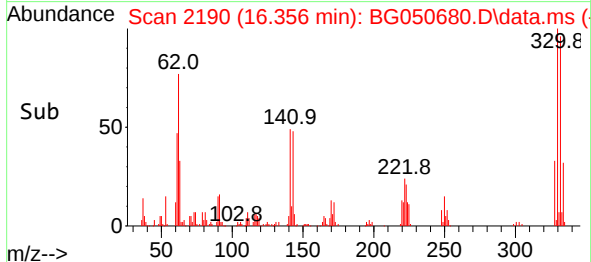
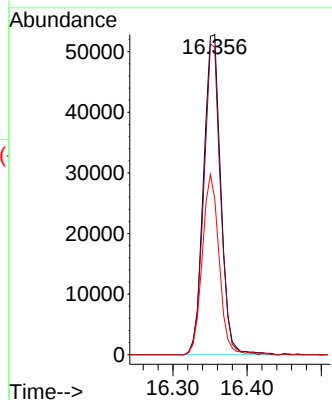
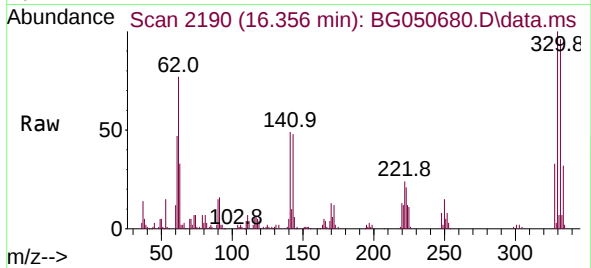




#42
2,4,6-Tribromophenol
Concen: 88.062 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

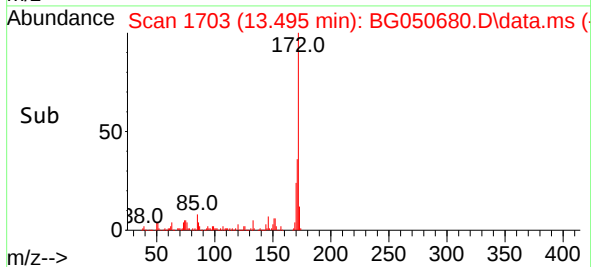
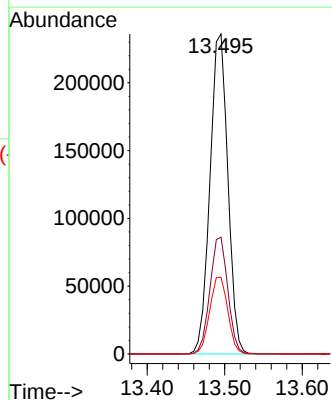
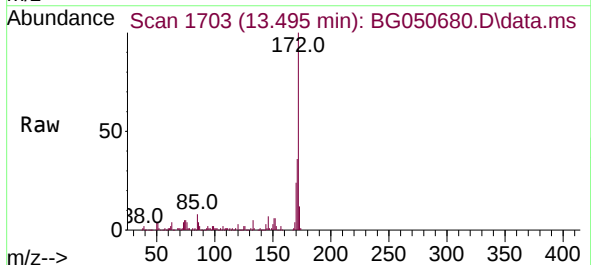
Instrument :
BNA_G
ClientSampleId :
WC-2-FS

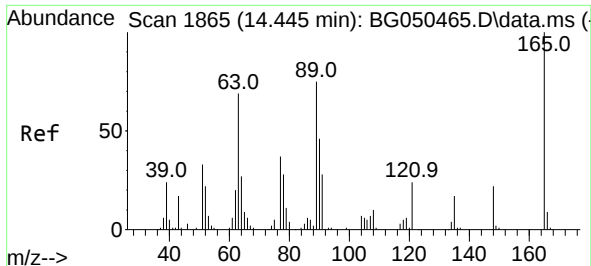
Tgt Ion:330 Resp: 84663
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 55.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 56.403 ng
RT: 13.495 min Scan# 1703
Delta R.T. -0.010 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

Tgt Ion:172 Resp: 377741
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.0 18.6 27.8

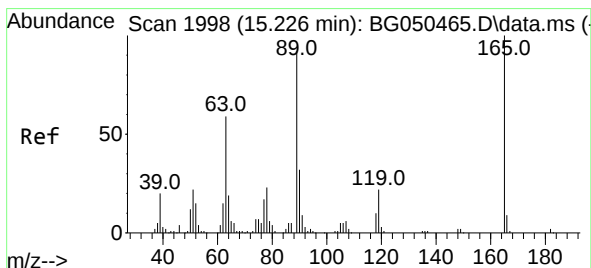
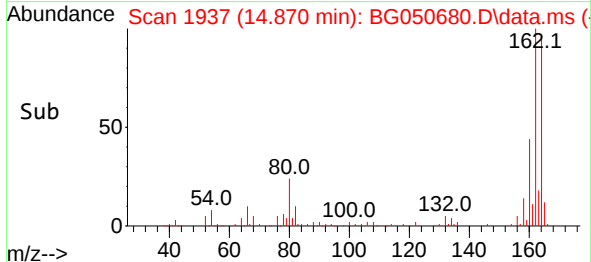
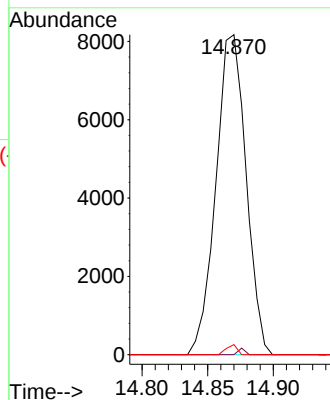
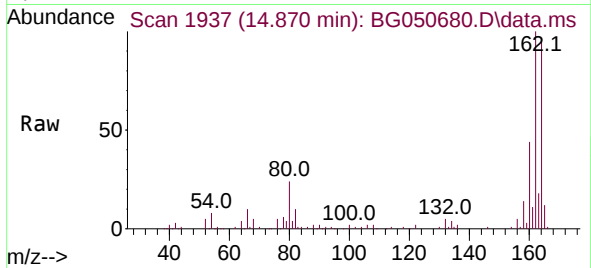




#51
2,6-Dinitrotoluene
Concen: 8.558 ng
RT: 14.870 min Scan# 1937
Delta R.T. 0.425 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

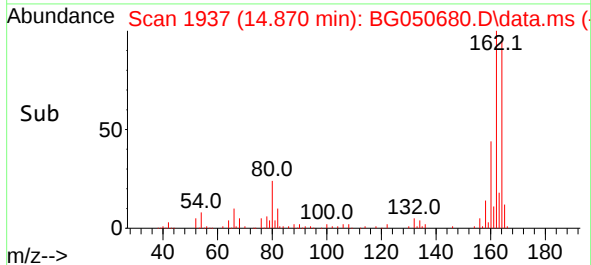
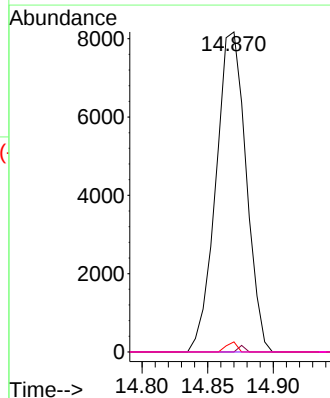
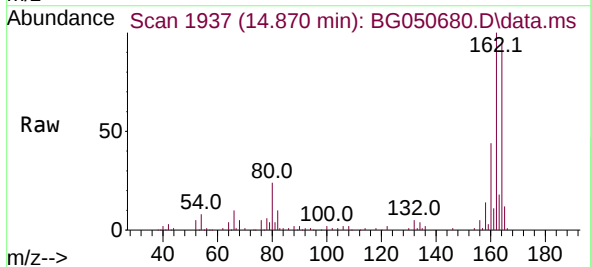
Instrument :
BNA_G
ClientSampleId :
WC-2-FS

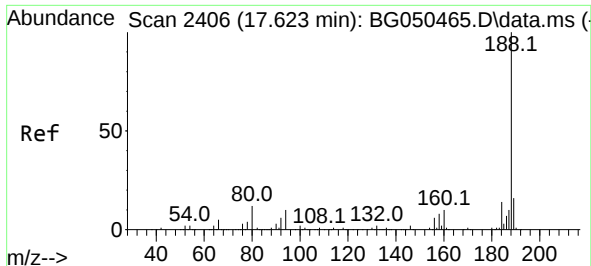
Tgt Ion:165 Resp: 13060
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.1 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.072 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.357 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

Tgt Ion:165 Resp: 13060
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.1 65.4 98.0#
182 0.0 2.0 3.0#

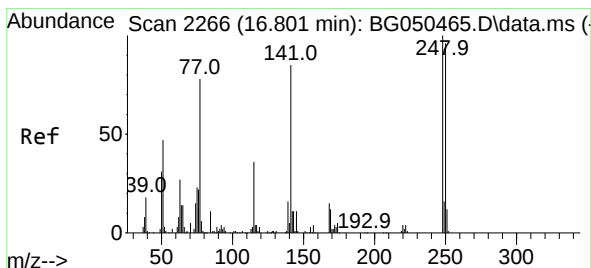
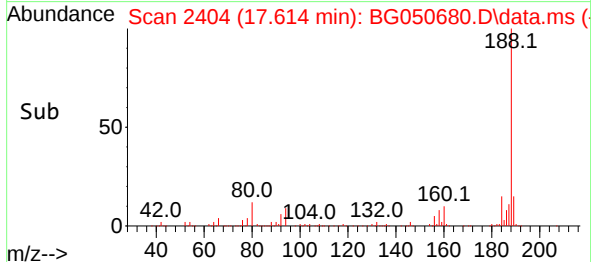
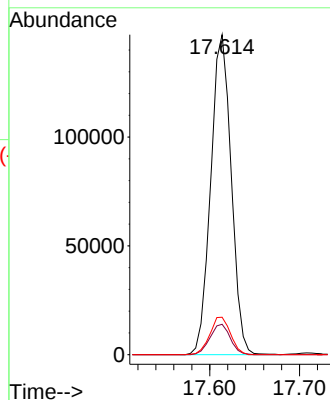
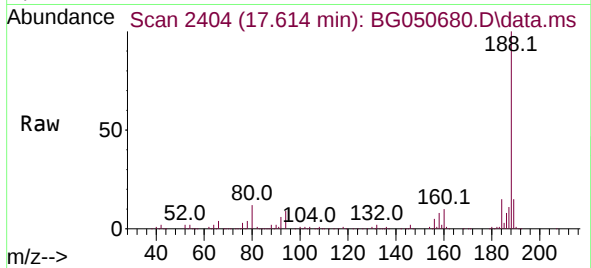




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

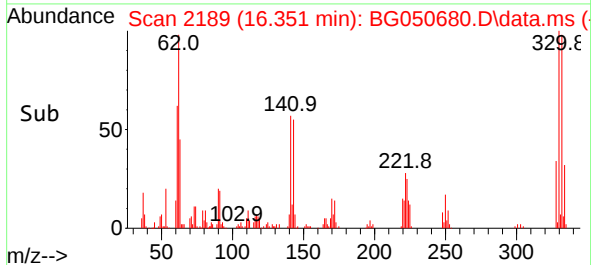
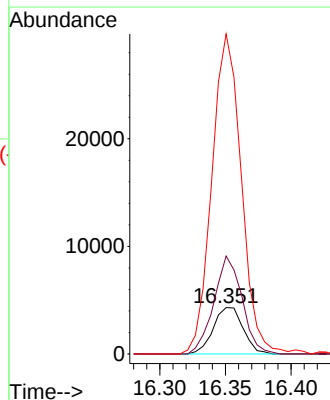
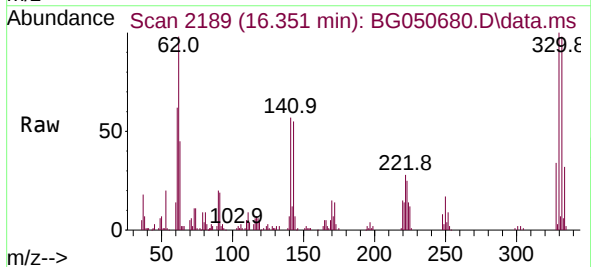
Instrument :
BNA_G
ClientSampleId :
WC-2-FS

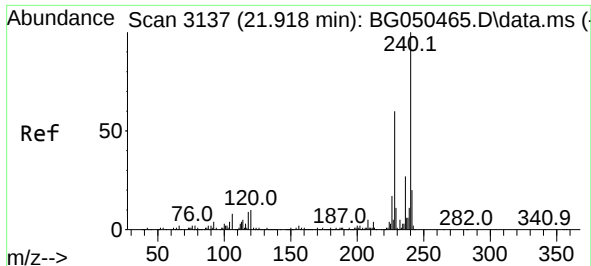
Tgt Ion:188 Resp: 232635
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.905 ng
RT: 16.351 min Scan# 2189
Delta R.T. -0.451 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

Tgt Ion:248 Resp: 6809
Ion Ratio Lower Upper
248 100
250 210.7 76.1 114.1#
141 688.7 65.4 98.2#

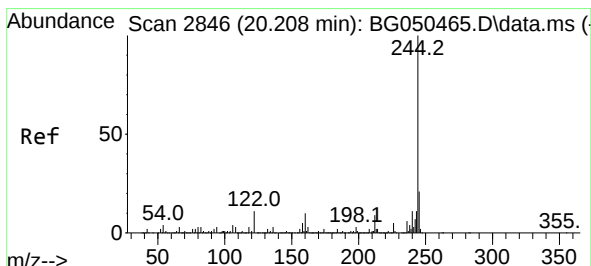
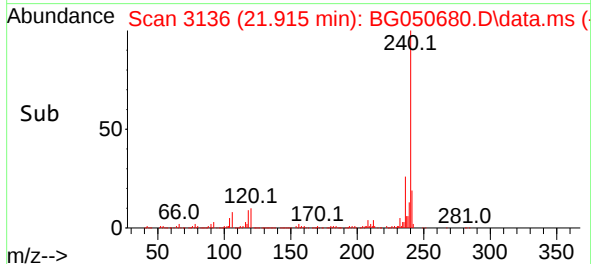
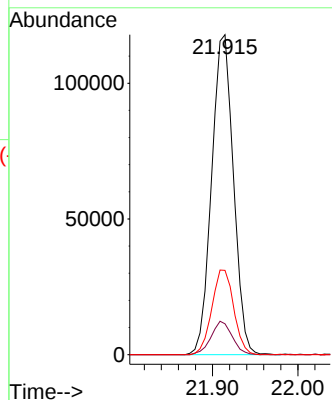
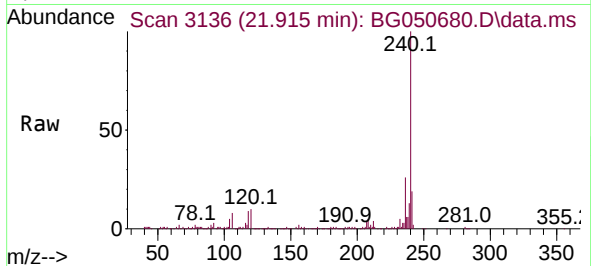




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

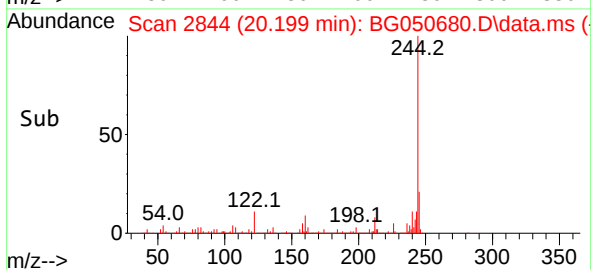
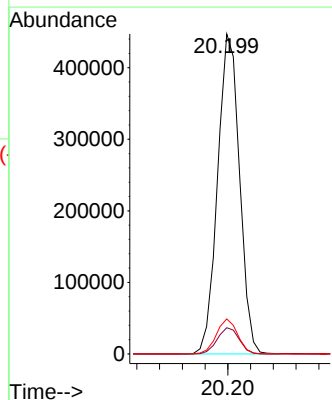
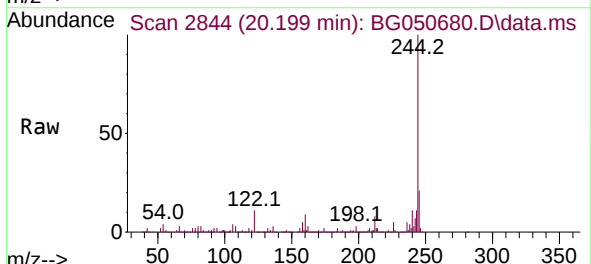
Instrument :
BNA_G
ClientSampleId :
WC-2-FS

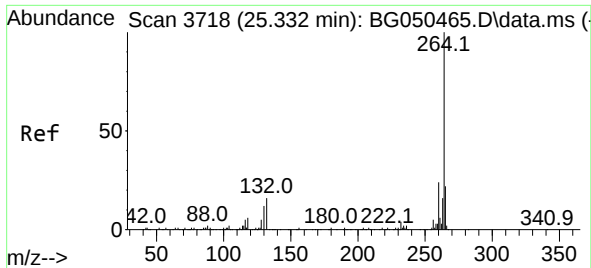
Tgt Ion:240 Resp: 209157
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 26.3 21.8 32.6



#79
Terphenyl-d14
Concen: 55.832 ng
RT: 20.199 min Scan# 2844
Delta R.T. -0.010 min
Lab File: BG050680.D
Acq: 21 Oct 2021 23:53

Tgt Ion:244 Resp: 599214
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 11.0 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.322 min Scan# 3716
 Delta R.T. -0.010 min
 Lab File: BG050680.D
 Acq: 21 Oct 2021 23:53

Instrument :
 BNA_G
 ClientSampleId :
 WC-2-FS

Tgt Ion:264 Resp: 202536
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.4 29.2
 265 22.0 16.9 25.3

