

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049851.D
 Acq On : 16 Aug 2021 15:17
 Operator : CG/JU
 Sample : M3407-26
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 29N

Quant Time: Aug 16 16:56:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

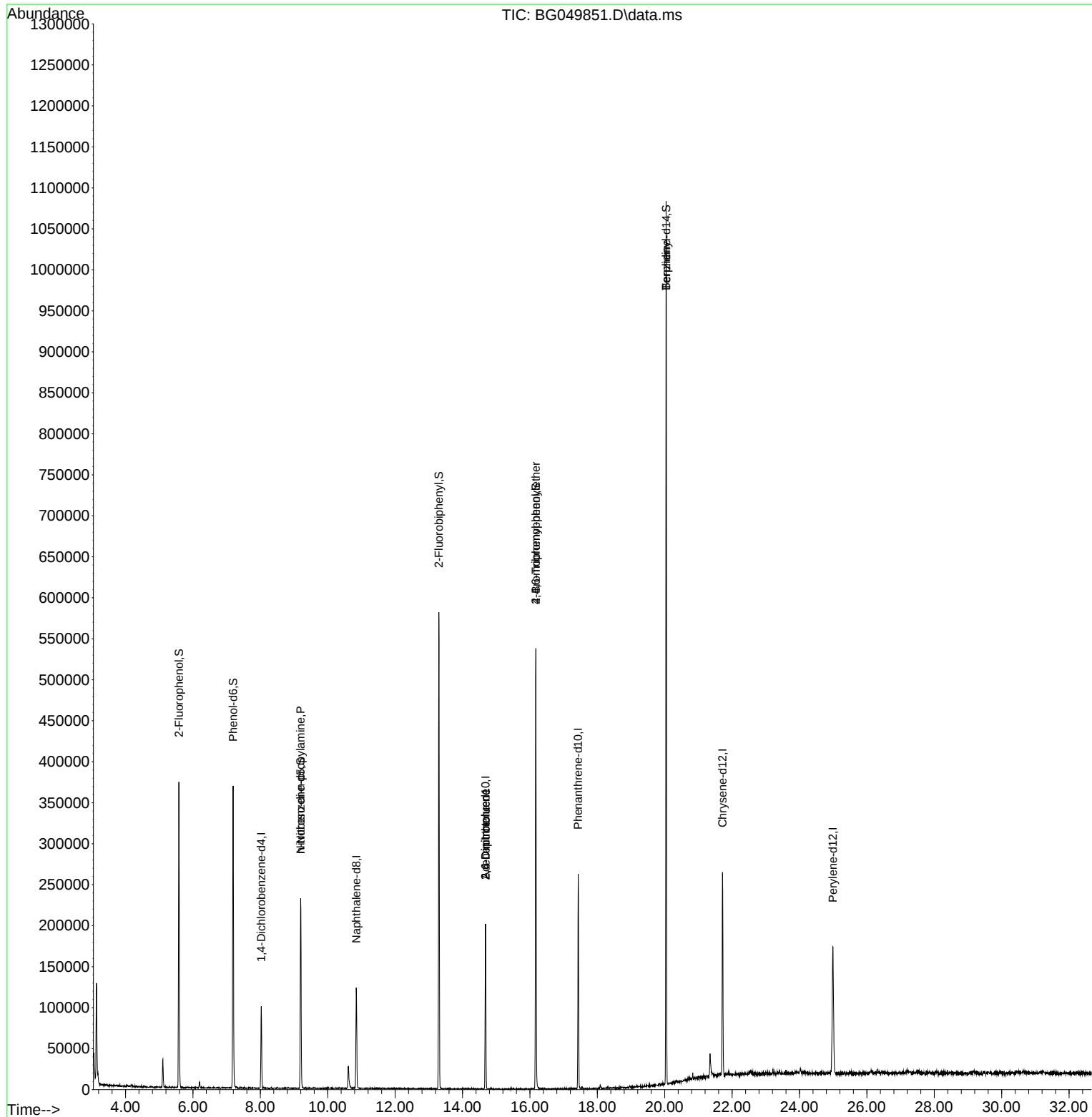
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	27876	20.000	ng	-0.01
21) Naphthalene-d8	10.848	136	103932	20.000	ng	#-0.02
39) Acenaphthene-d10	14.684	164	72885	20.000	ng	-0.01
64) Phenanthrene-d10	17.433	188	162710	20.000	ng	#-0.01
76) Chrysene-d12	21.716	240	152809	20.000	ng	-0.01
86) Perylene-d12	24.988	264	161507	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.584	112	149924	96.411	ng	0.00
7) Phenol-d6	7.194	99	201698	85.685	ng	0.00
23) Nitrobenzene-d5	9.197	82	146837	62.519	ng	-0.02
42) 2,4,6-Tribromophenol	16.176	330	107542	100.383	ng	-0.01
45) 2-Fluorobiphenyl	13.298	172	295682	59.030	ng	-0.02
79) Terphenyl-d14	20.041	244	491390	58.404	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.197	70	22142	14.056	ng	# 67
51) 2,6-Dinitrotoluene	14.684	165	8970	7.409	ng	# 12
57) 2,4-Dinitrotoluene	14.684	165	8970	5.275	ng	# 18
67) 4-Bromophenyl-phenylether	16.176	248	6786	3.541	ng	# 1
77) Benzidine	20.041	184	10013	2.557	ng	# 85

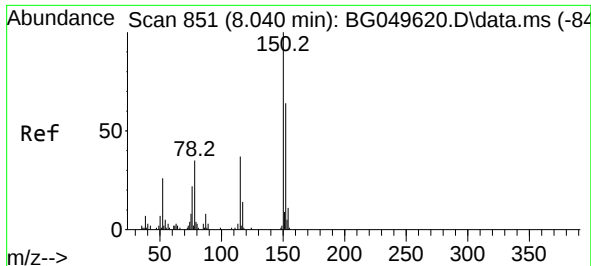
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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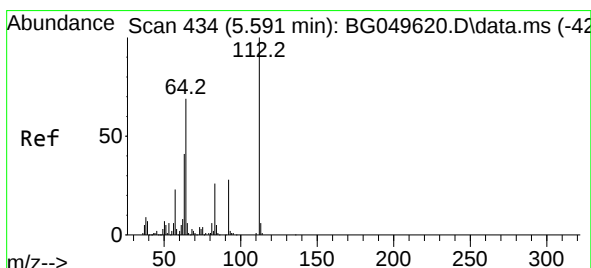
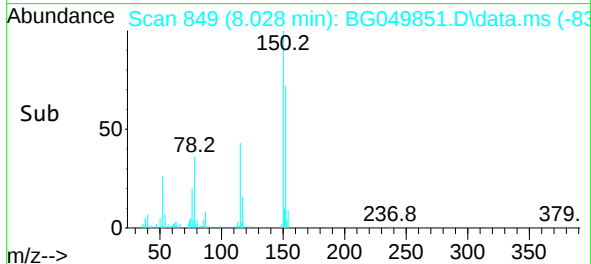
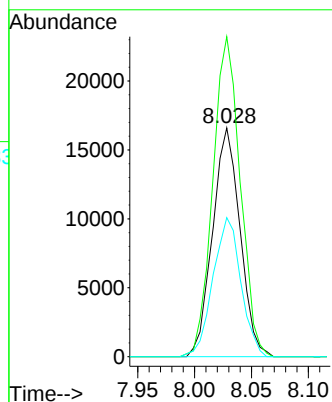
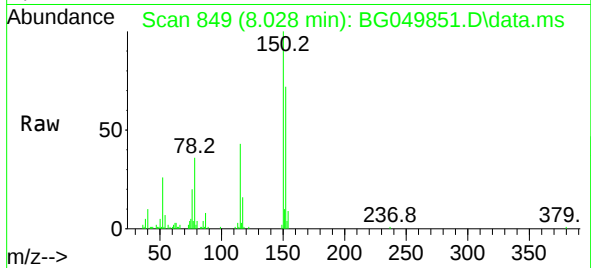




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 849
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

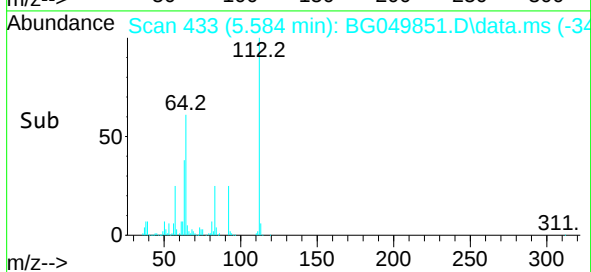
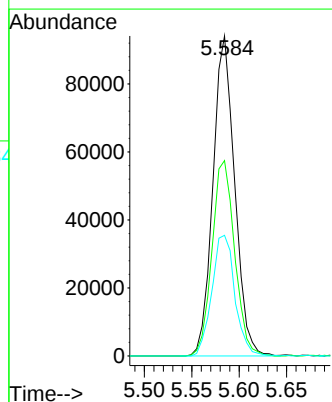
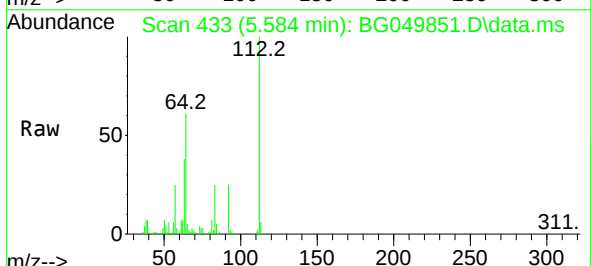
Instrument :
BNA_G
ClientSampled :
29N

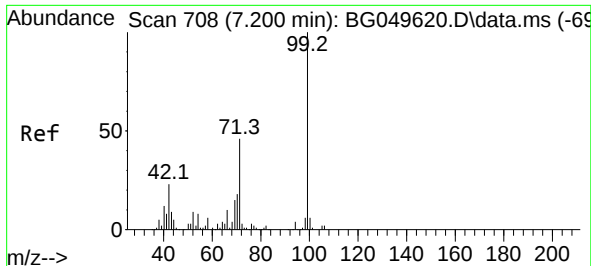
Tgt Ion:152 Resp: 27876
Ion Ratio Lower Upper
152 100
150 139.9 119.4 179.0
115 60.8 60.2 90.4



#5
2-Fluorophenol
Concen: 96.411 ng
RT: 5.584 min Scan# 433
Delta R.T. -0.006 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:112 Resp: 149924
Ion Ratio Lower Upper
112 100
64 61.1 46.7 70.1
63 37.7 35.3 52.9

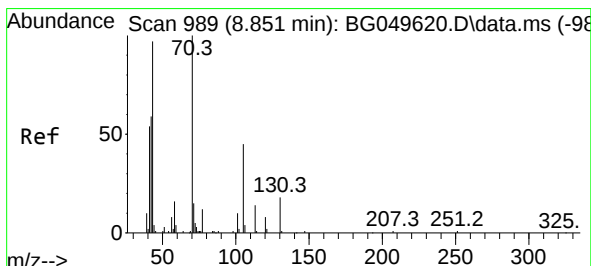
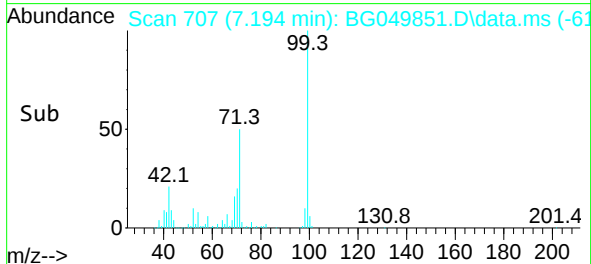
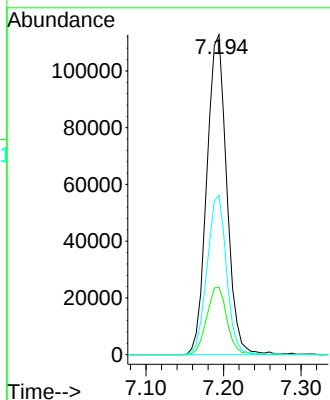
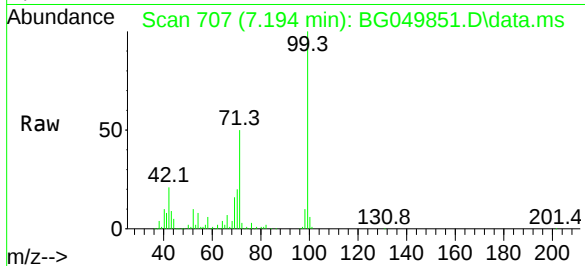




#7
Phenol-d6
Concen: 85.685 ng
RT: 7.194 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

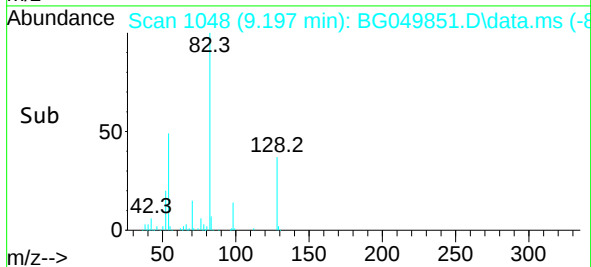
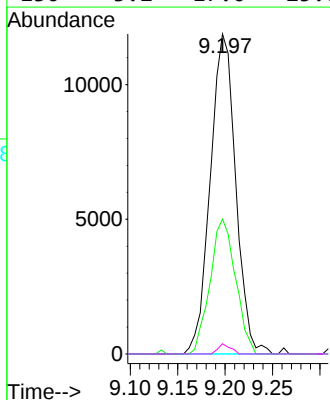
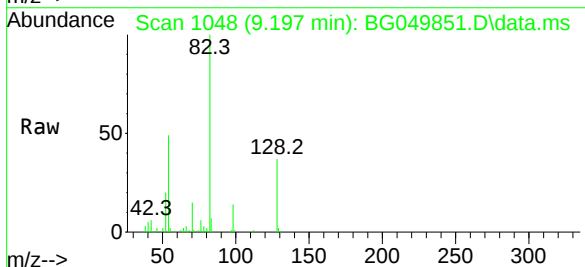
Instrument :
BNA_G
ClientSampleId :
29N

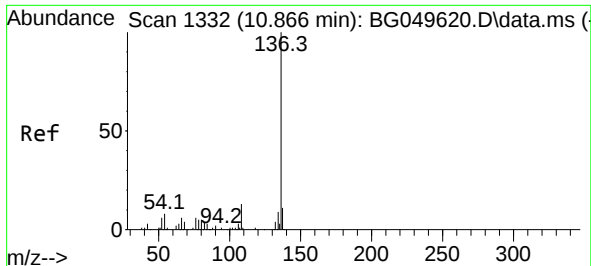
Tgt Ion: 99 Resp: 201698
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 49.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.056 ng
RT: 9.197 min Scan# 1048
Delta R.T. 0.346 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion: 70 Resp: 22142
Ion Ratio Lower Upper
70 100
42 42.2 54.5 81.7#
101 0.0 9.0 13.6#
130 3.2 17.0 25.6#

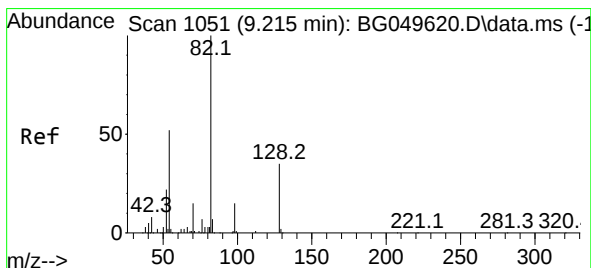
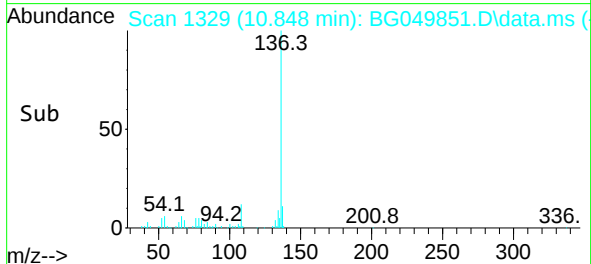
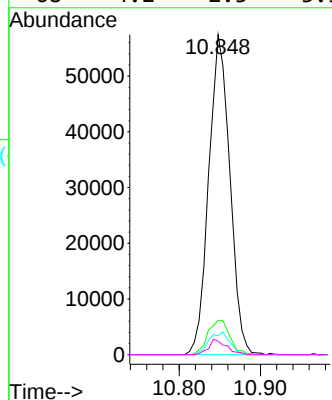
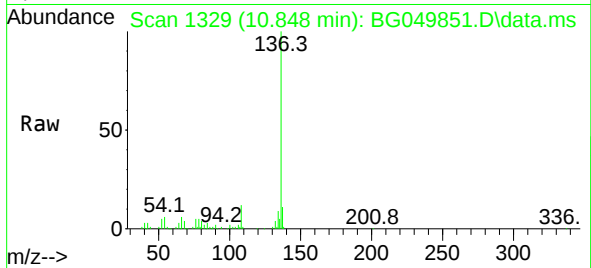




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.848 min Scan# 1329
Delta R.T. -0.018 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

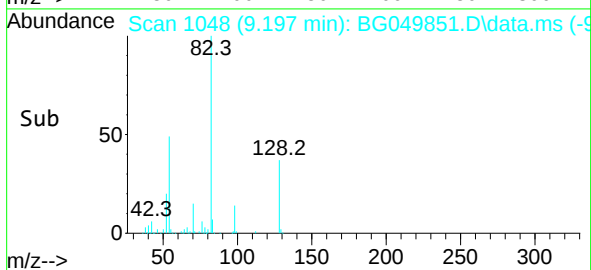
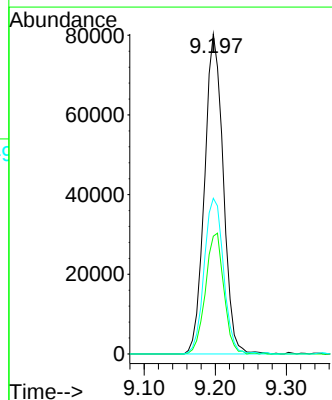
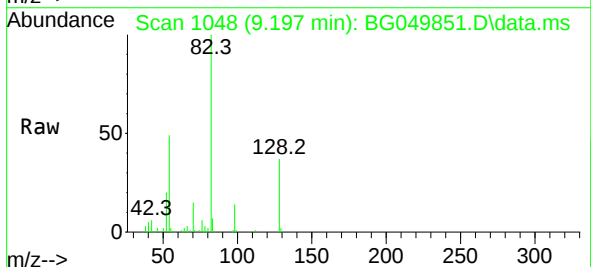
Instrument :
BNA_G
ClientSampleId :
29N

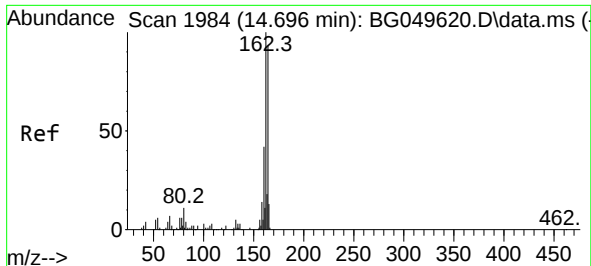
Tgt Ion:	136	Resp:	103932
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	5.9	5.5	8.3
68	4.2	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 62.519 ng
RT: 9.197 min Scan# 1048
Delta R.T. -0.018 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:	82	Resp:	146837
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.8	44.6
54	48.6	45.8	68.8

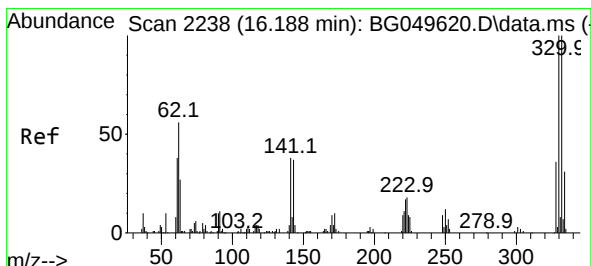
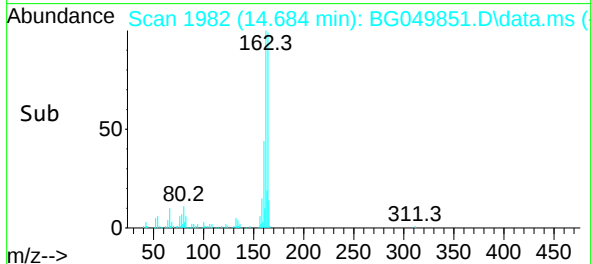
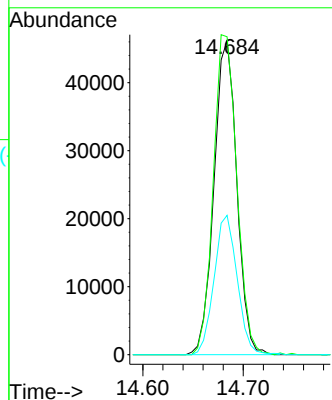
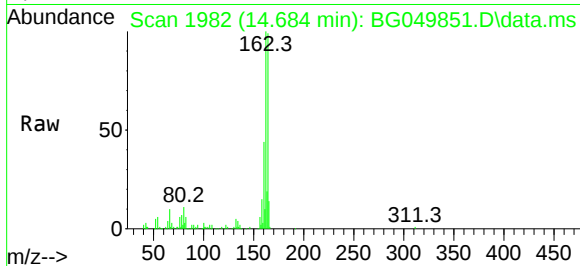




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

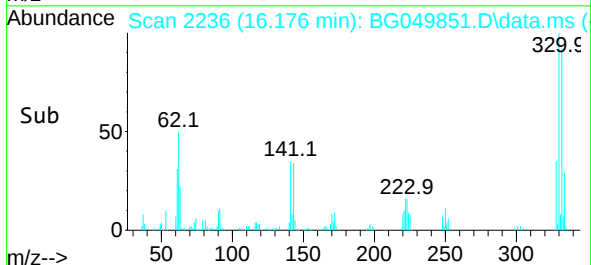
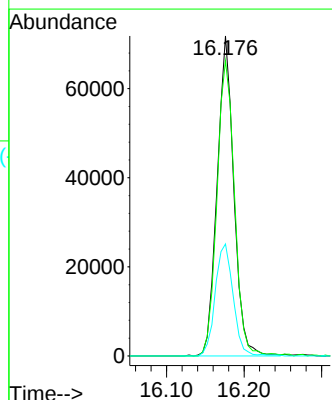
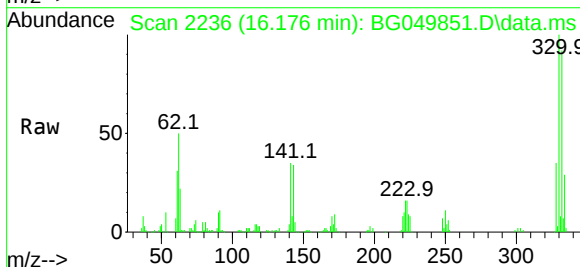
Instrument :
BNA_G
ClientSampleId :
29N

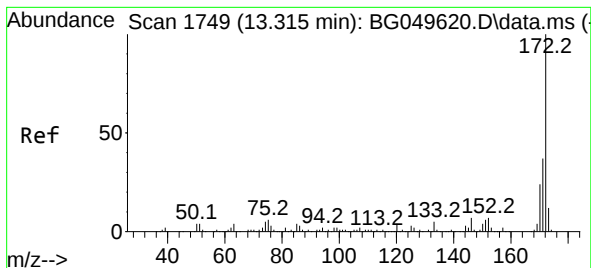
Tgt Ion:164 Resp: 72885
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 100.383 ng
RT: 16.176 min Scan# 2236
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:330 Resp: 107542
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 37.6 35.6 53.4

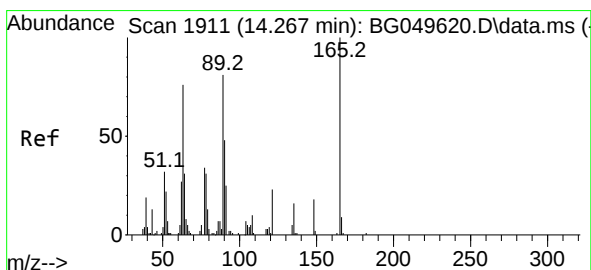
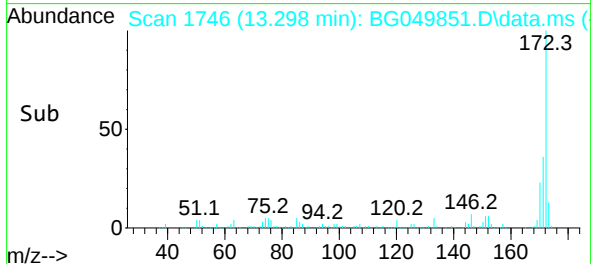
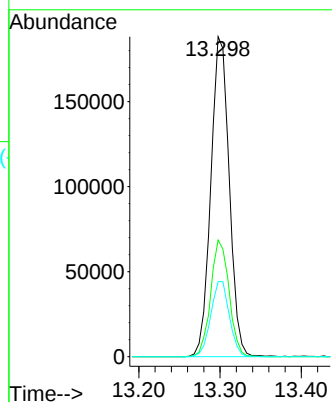
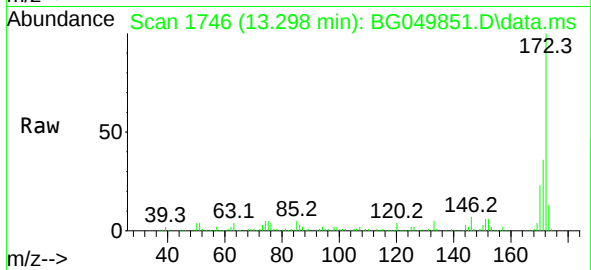




#45
2-Fluorobiphenyl
Concen: 59.030 ng
RT: 13.298 min Scan# 1746
Delta R.T. -0.018 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

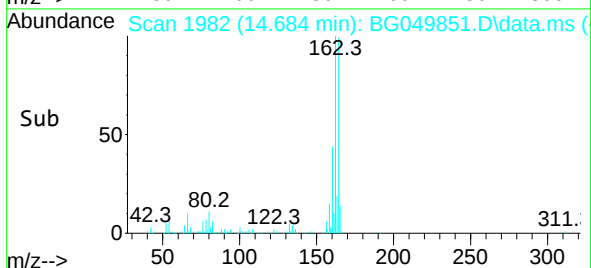
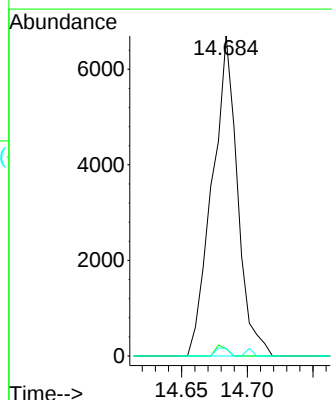
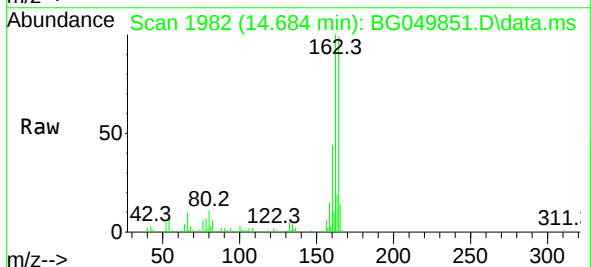
Instrument :
BNA_G
ClientSampleId :
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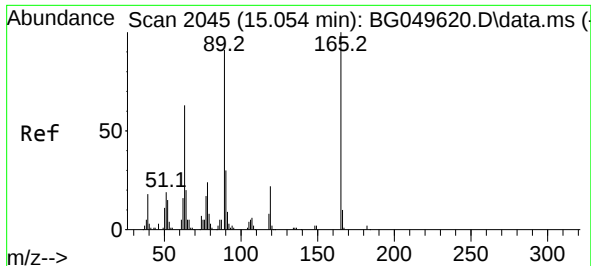
Tgt Ion:172 Resp: 295682
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.409 ng
RT: 14.684 min Scan# 1982
Delta R.T. 0.417 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:165 Resp: 8970
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 2.3 63.4 95.0#

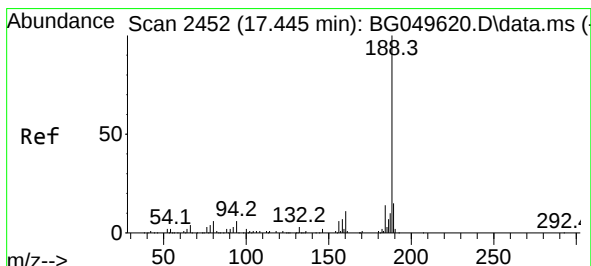
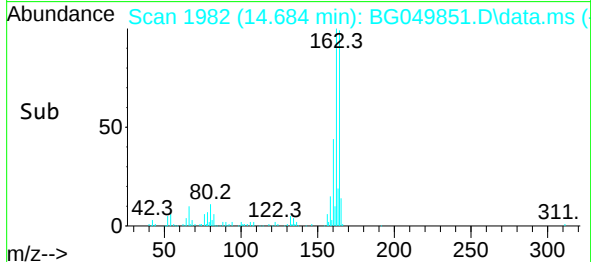
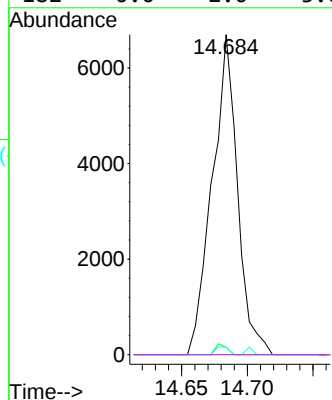
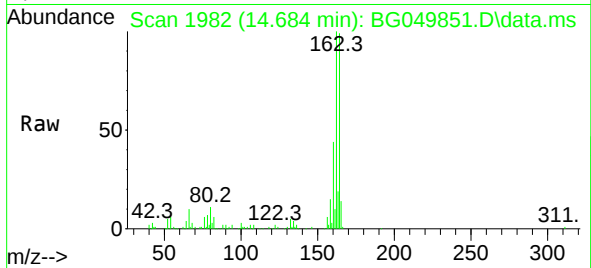




#57
2,4-Dinitrotoluene
Concen: 5.275 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.370 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

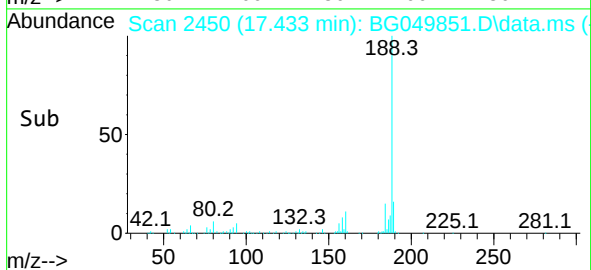
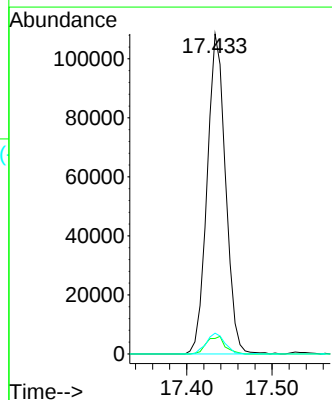
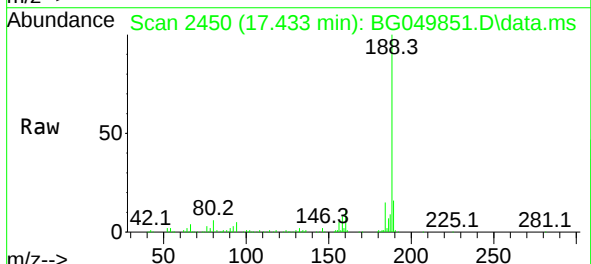
Instrument :
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ClientSampleId :
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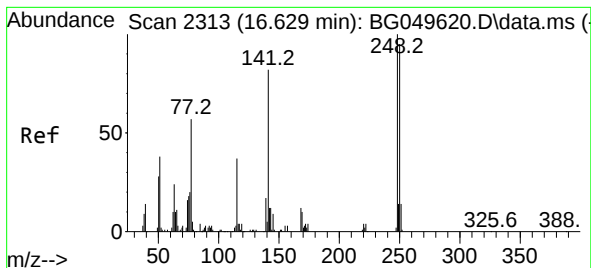
Tgt Ion:165 Resp: 8970
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 2.3 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2450
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:188 Resp: 162710
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.5 3.7 5.5#

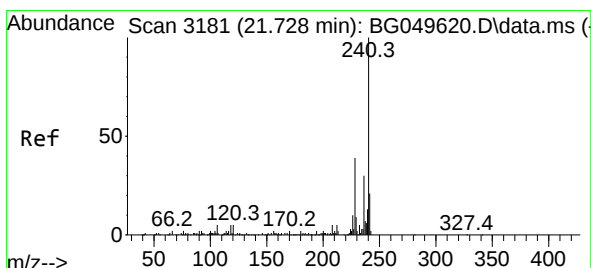
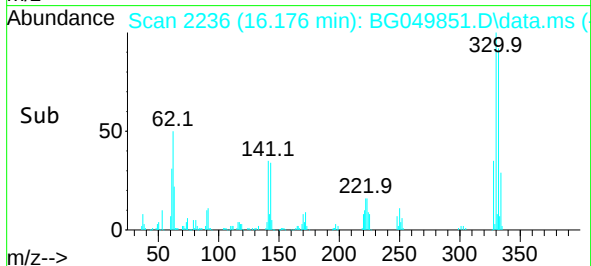
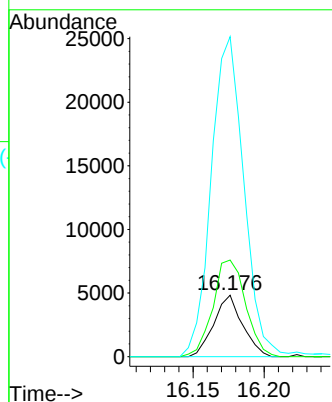
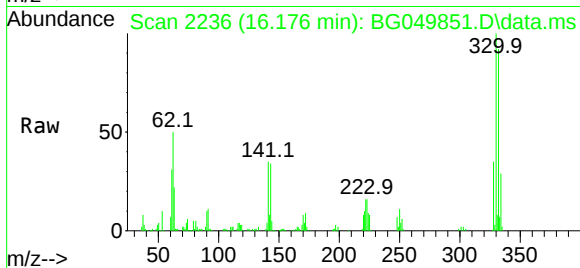




#67
4-Bromophenyl-phenylether
Concen: 3.541 ng
RT: 16.176 min Scan# 2236
Delta R.T. -0.453 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

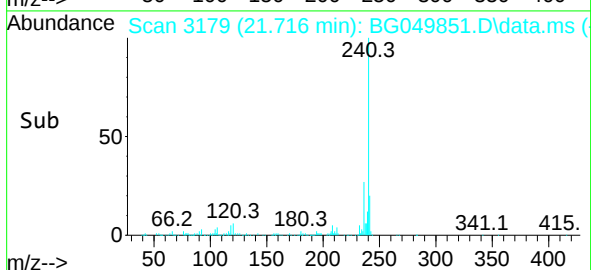
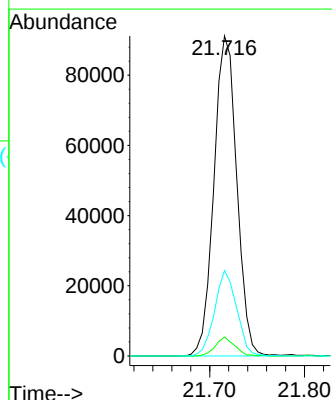
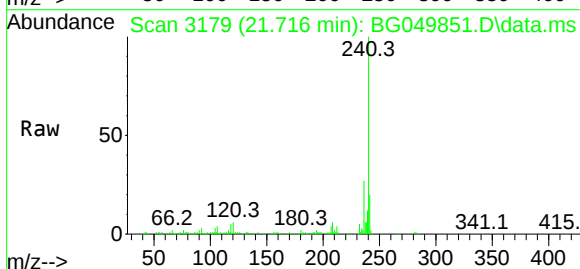
Instrument :
BNA_G
ClientSampleId :
29N

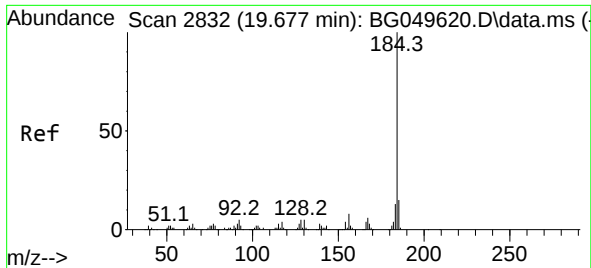
Tgt Ion:248 Resp: 6786
Ion Ratio Lower Upper
248 100
250 157.2 76.1 114.1#
141 520.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:240 Resp: 152809
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 26.7 21.8 32.6

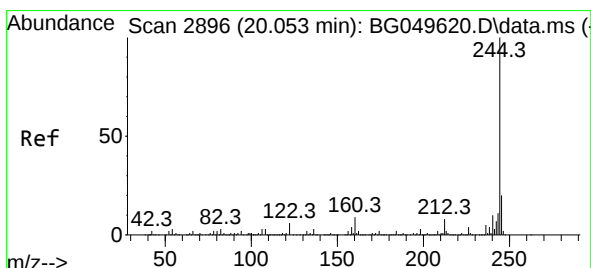
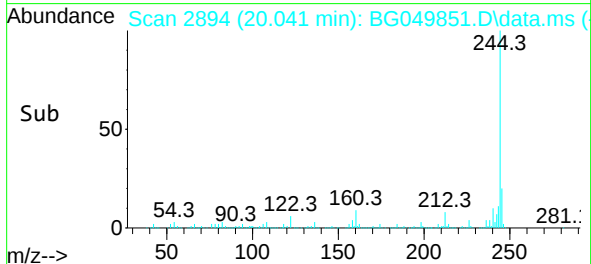
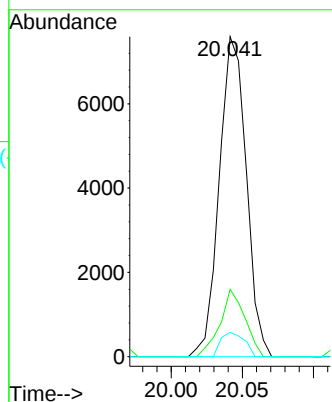
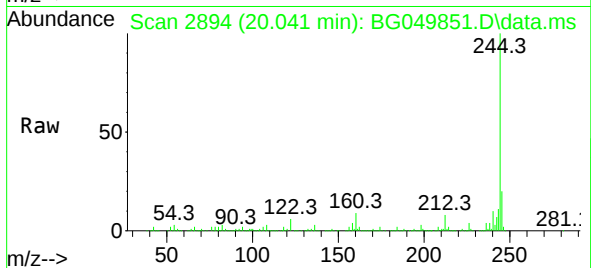




#77
Benzidine
Concen: 2.557 ng
RT: 20.041 min Scan# 2894
Delta R.T. 0.364 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

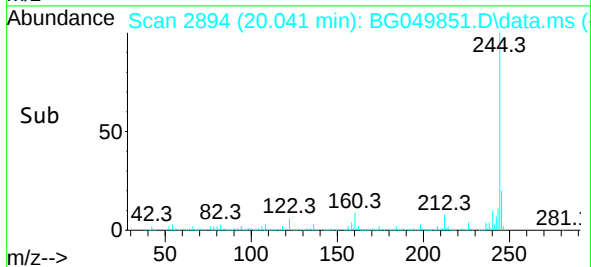
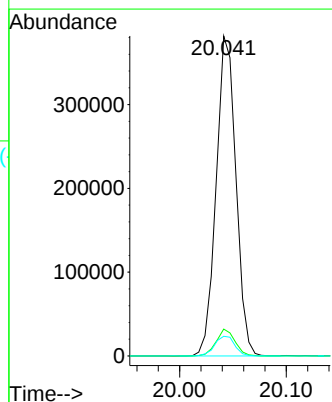
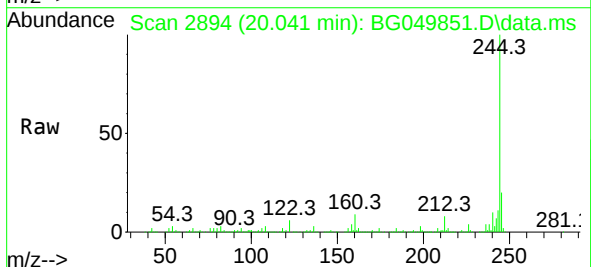
Instrument :
BNA_G
ClientSampleId :
29N

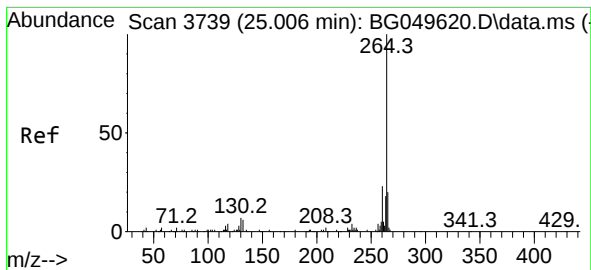
Tgt Ion:184 Resp: 10013
Ion Ratio Lower Upper
184 100
185 21.1 10.7 16.1#
183 7.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 58.404 ng
RT: 20.041 min Scan# 2894
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:244 Resp: 491390
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.2 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.988 min Scan# 3736
Delta R.T. -0.018 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Instrument :
BNA_G
ClientSampleId :
29N

Tgt Ion:264 Resp: 161507

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.4	16.9	25.3

