

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049062.D
 Acq On : 23 Jun 2021 15:24
 Operator : CG/JU
 Sample : M2748-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10A

Quant Time: Jun 23 16:04:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

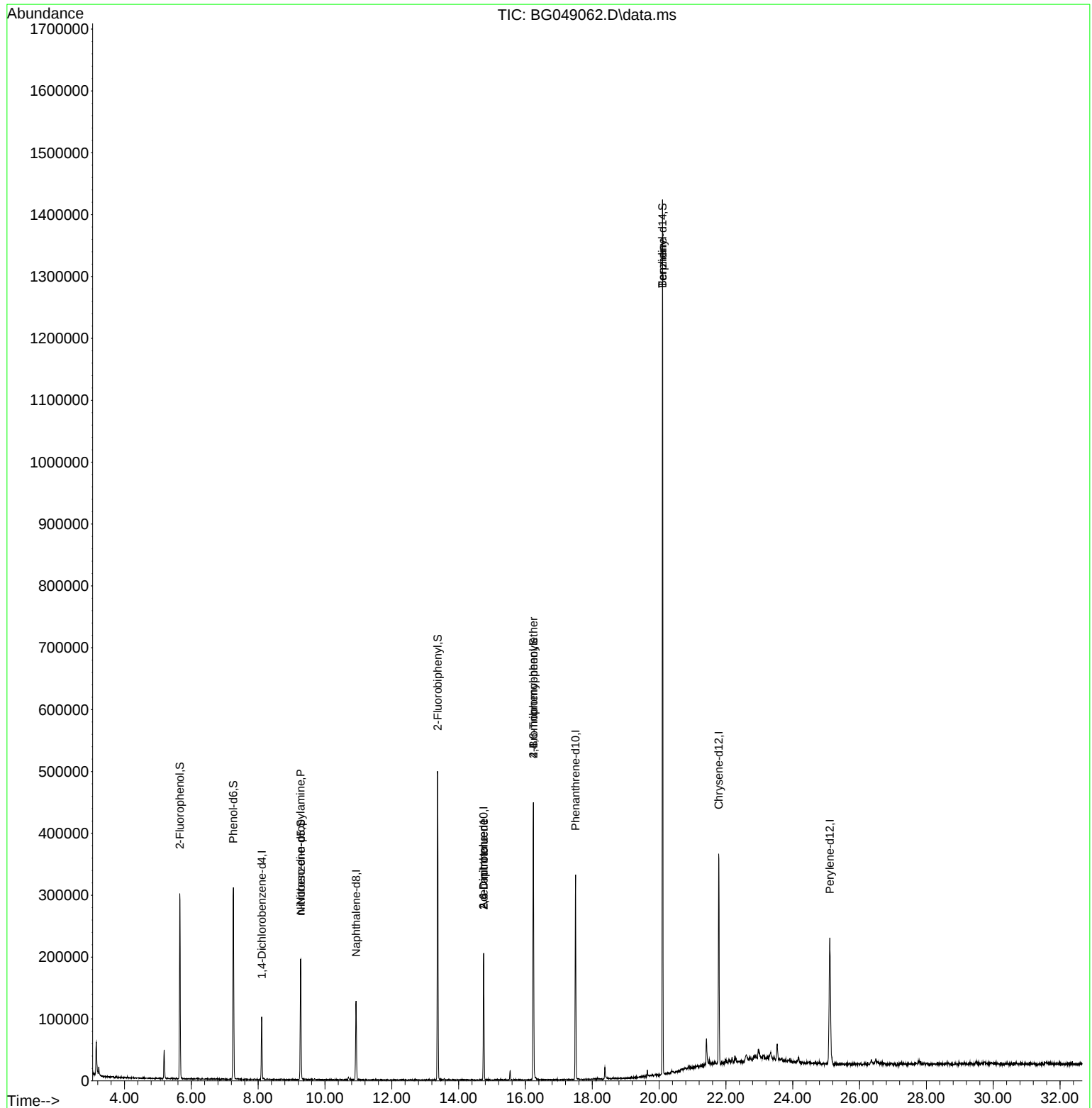
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	25345	20.000	ng	# 0.00
21) Naphthalene-d8	10.931	136	103937	20.000	ng	# 0.00
39) Acenaphthene-d10	14.750	164	77992	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	206515	20.000	ng	# 0.00
76) Chrysene-d12	21.783	240	226621	20.000	ng	-0.01
86) Perylene-d12	25.109	264	235737	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	118033	72.495	ng	0.00
7) Phenol-d6	7.259	99	158667	65.020	ng	0.00
23) Nitrobenzene-d5	9.274	82	121549	50.426	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	90284	78.134	ng	0.00
45) 2-Fluorobiphenyl	13.376	172	264824	47.967	ng	0.00
79) Terphenyl-d14	20.103	244	653575	52.818	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.269	70	17960	9.416	ng	# 68
51) 2,6-Dinitrotoluene	14.750	165	10234	8.272	ng	# 12
57) 2,4-Dinitrotoluene	14.750	165	10234	6.734	ng	# 17
67) 4-Bromophenyl-phenylether	16.237	248	6244	2.421	ng	# 1
77) Benzidine	20.103	184	12253	2.684	ng	99

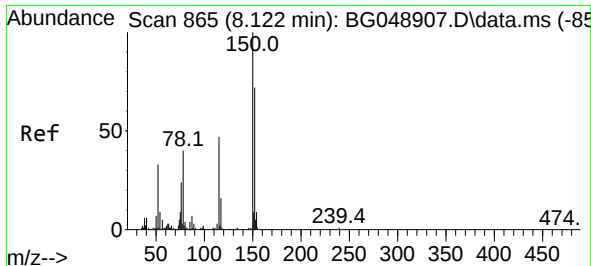
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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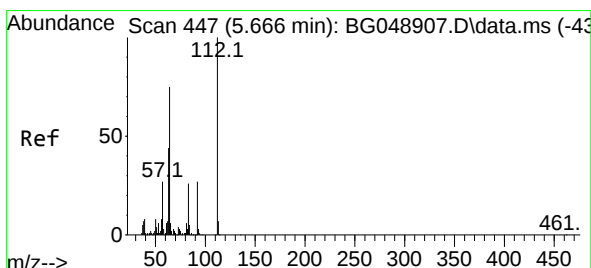
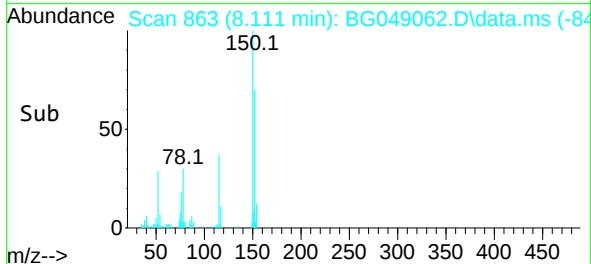
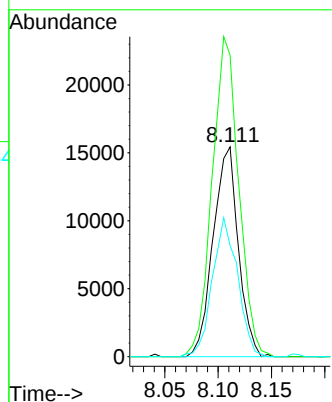
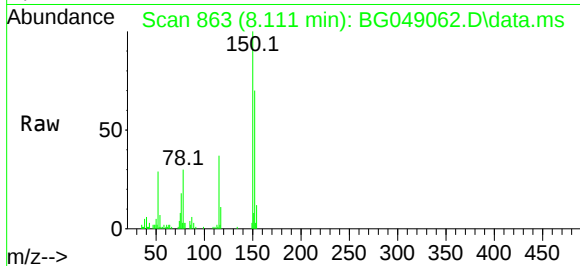




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

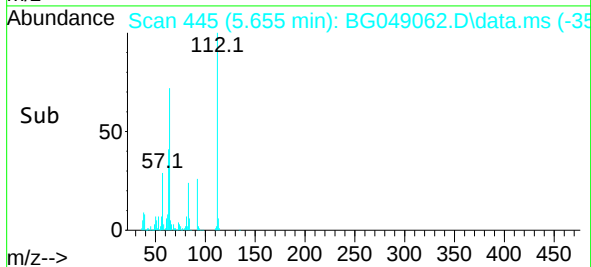
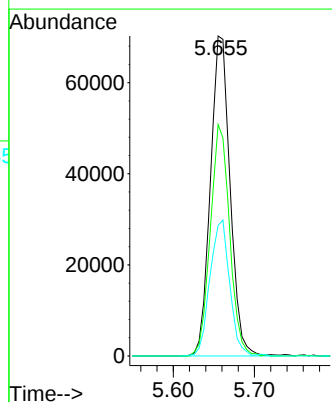
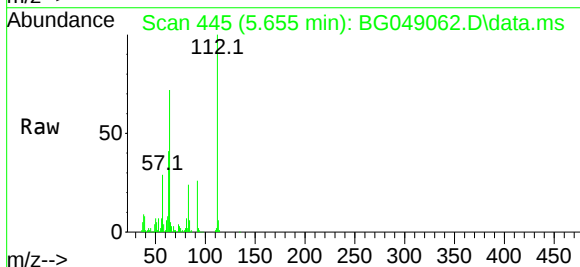
Instrument :
BNA_G
ClientSampled :
SB-10A

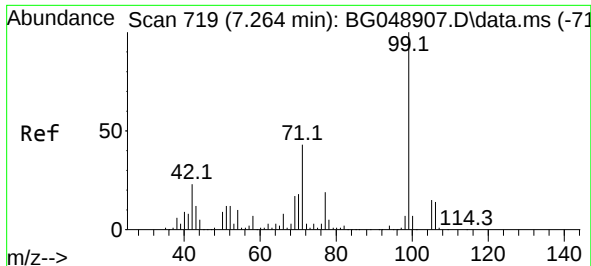
Tgt Ion:152 Resp: 25345
Ion Ratio Lower Upper
152 100
150 143.7 119.4 179.0
115 52.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 72.495 ng
RT: 5.655 min Scan# 445
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

Tgt Ion:112 Resp: 118033
Ion Ratio Lower Upper
112 100
64 72.3 46.7 70.1#
63 40.8 35.3 52.9

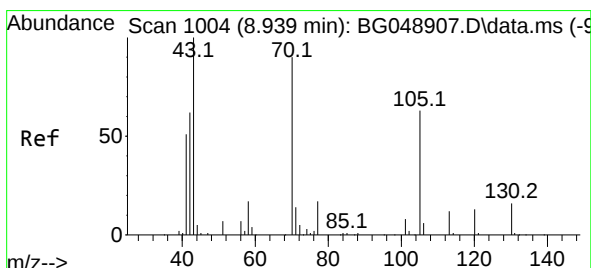
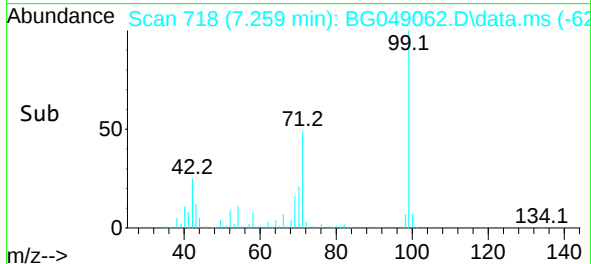
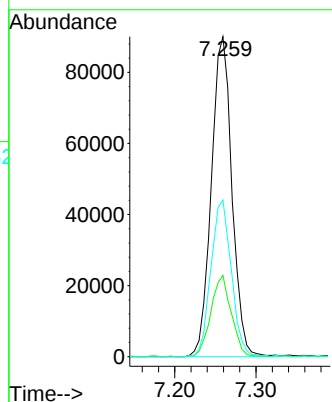
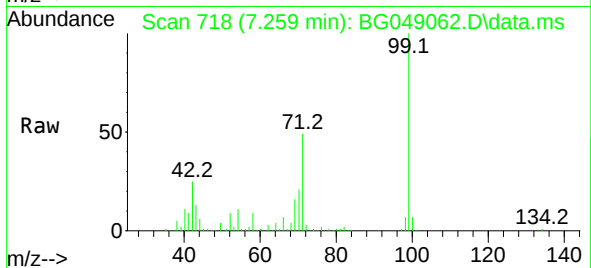




#7
Phenol-d6
Concen: 65.020 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

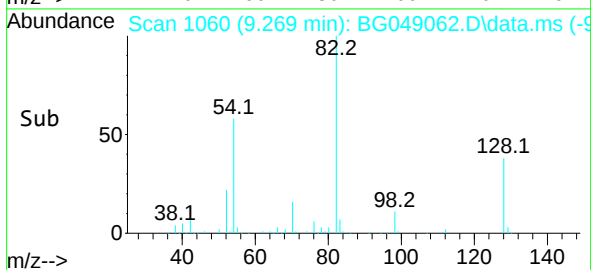
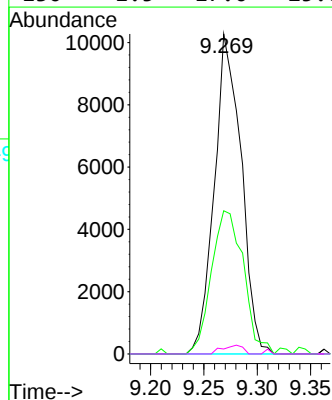
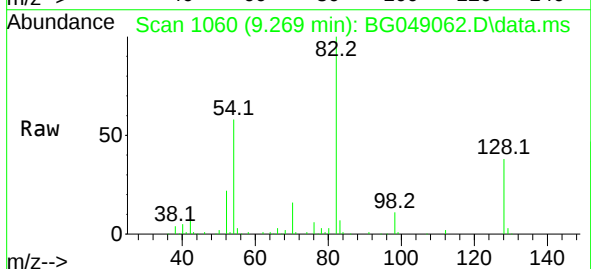
Instrument :
BNA_G
ClientSampled :
SB-10A

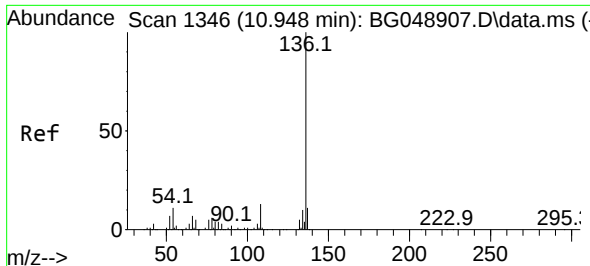
Tgt Ion: 99 Resp: 158667
Ion Ratio Lower Upper
99 100
42 25.4 20.5 30.7
71 49.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.416 ng
RT: 9.269 min Scan# 1060
Delta R.T. 0.344 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

Tgt Ion: 70 Resp: 17960
Ion Ratio Lower Upper
70 100
42 44.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

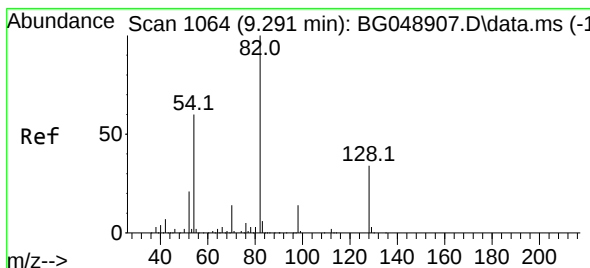
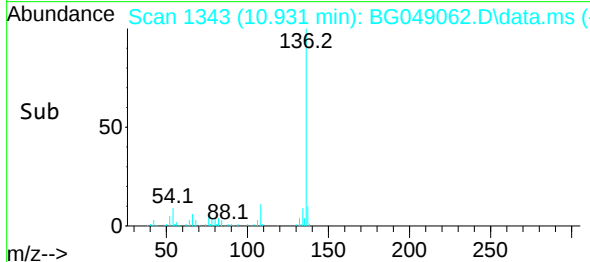
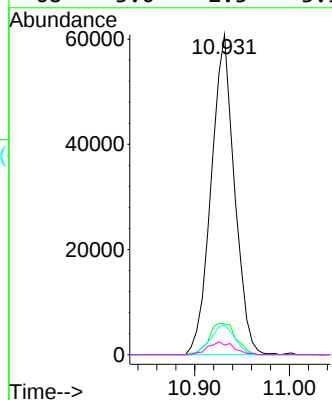
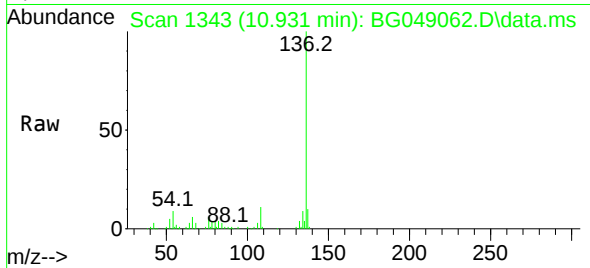




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

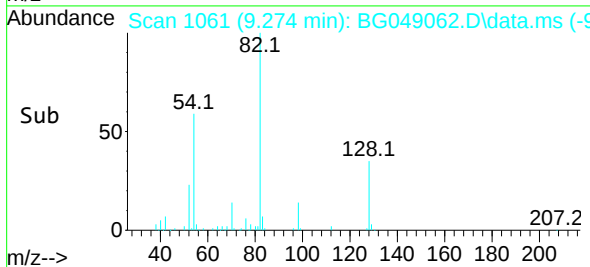
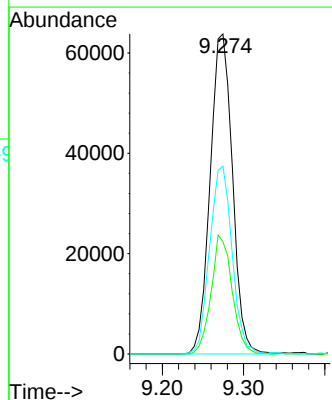
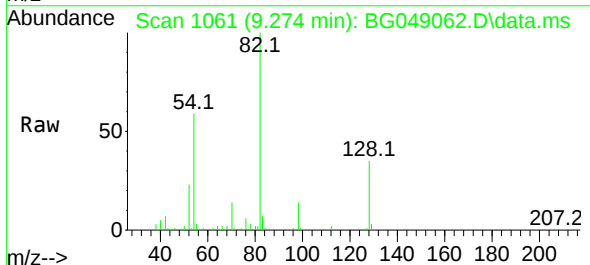
Instrument :
BNA_G
ClientSampled :
SB-10A

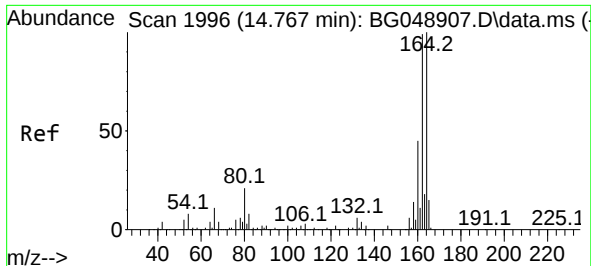
Tgt Ion:136	Resp:	103937
Ion Ratio	Lower	Upper
136	100	
137	9.6	8.2 12.2
54	9.3	5.5 8.3#
68	3.0	2.3 3.5



#23
Nitrobenzene-d5
Concen: 50.426 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

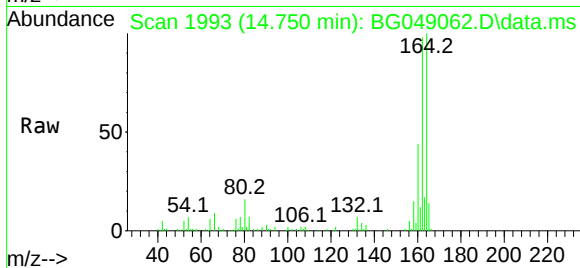
Tgt Ion: 82	Resp:	121549
Ion Ratio	Lower	Upper
82	100	
128	35.1	29.8 44.6
54	58.7	45.8 68.8



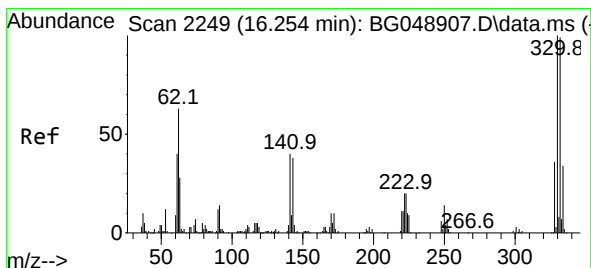
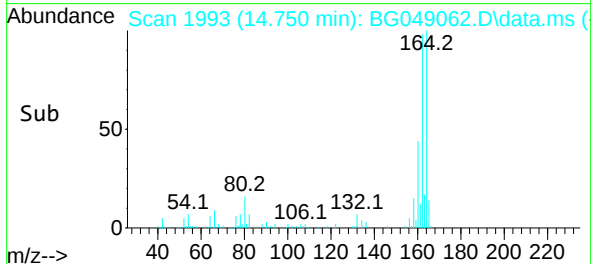
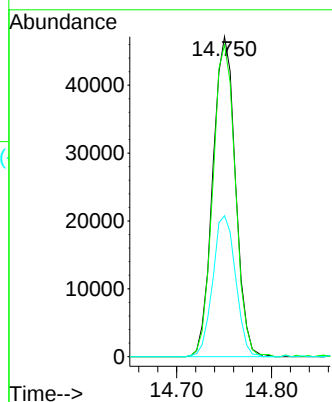


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

Instrument :
BNA_G
ClientSampleId :
SB-10A

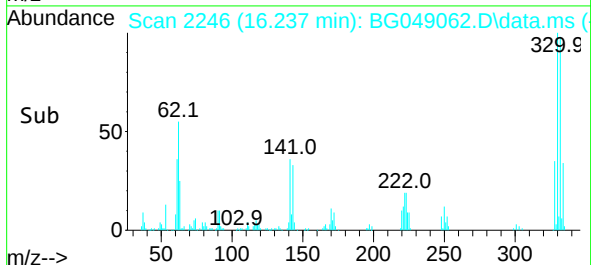
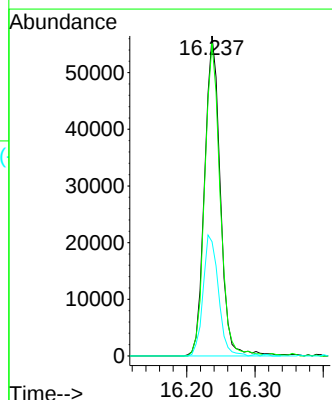
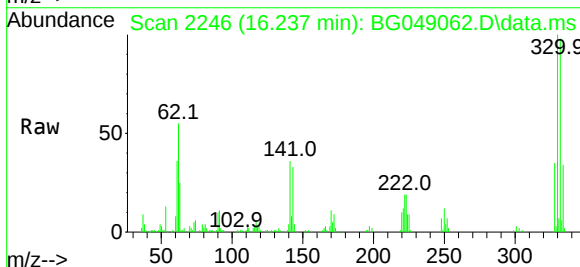


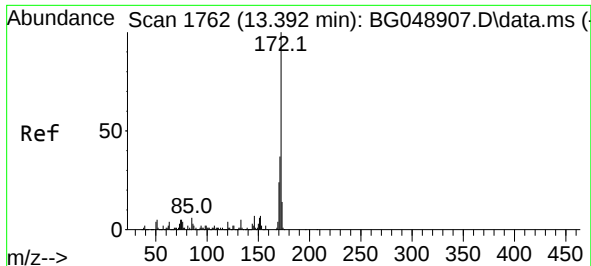
Tgt Ion:164 Resp: 77992
Ion Ratio Lower Upper
164 100
162 97.5 81.4 122.0
160 44.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 78.134 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

Tgt Ion:330 Resp: 90284
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 36.8 35.6 53.4

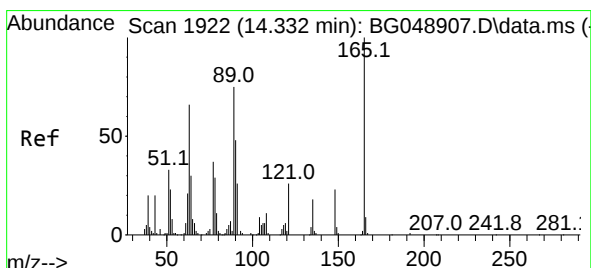
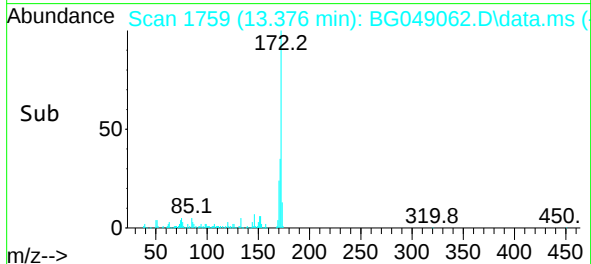
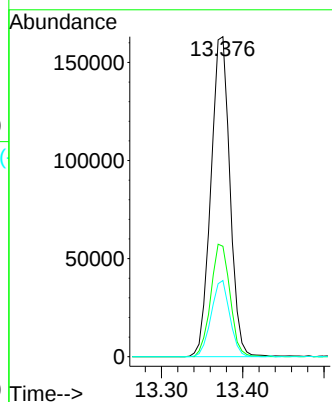
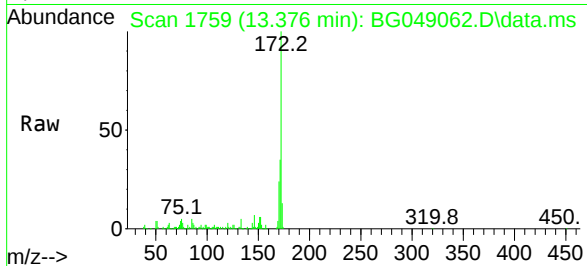




#45
2-Fluorobiphenyl
Concen: 47.967 ng
RT: 13.376 min Scan# 1759
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

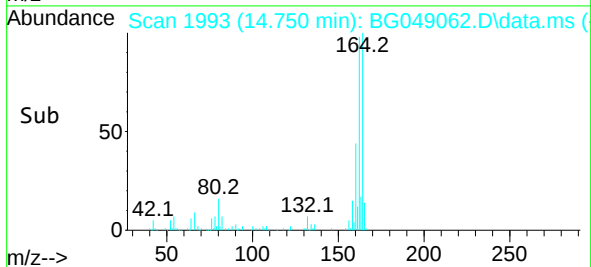
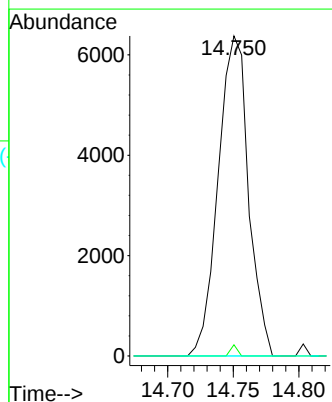
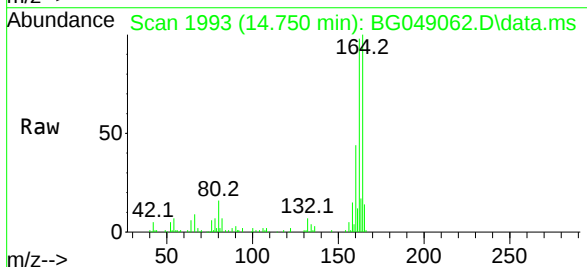
Instrument :
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ClientSampleId :
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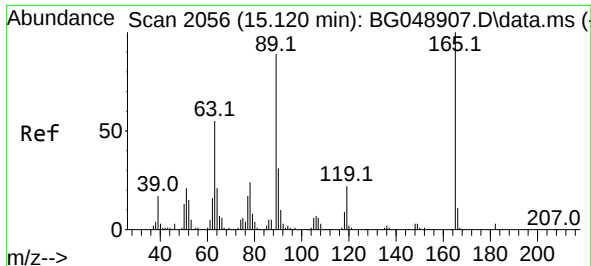
Tgt Ion:172	Resp:	264824
Ion Ratio	Lower	Upper
172	100	
171	34.5	28.6 43.0
170	23.8	18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.272 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

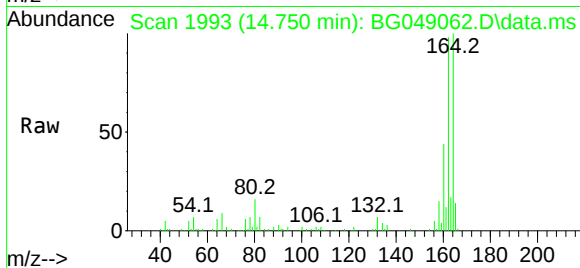
Tgt Ion:165	Resp:	10234
Ion Ratio	Lower	Upper
165	100	
63	3.5	63.3 94.9#
89	0.0	63.4 95.0#



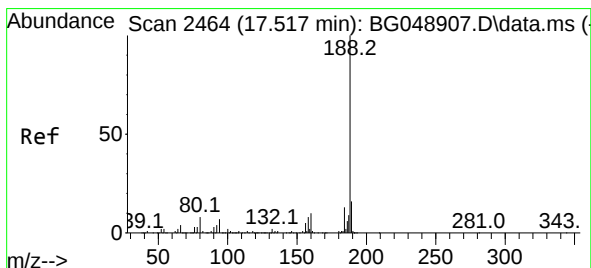
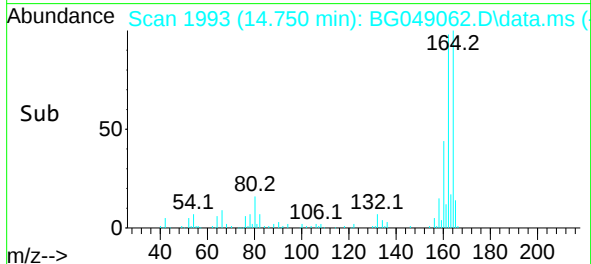
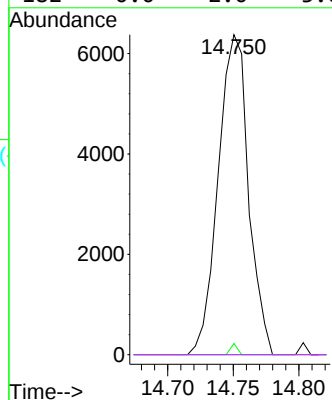


#57
2,4-Dinitrotoluene
Concen: 6.734 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

Instrument :
BNA_G
ClientSampled :
SB-10A

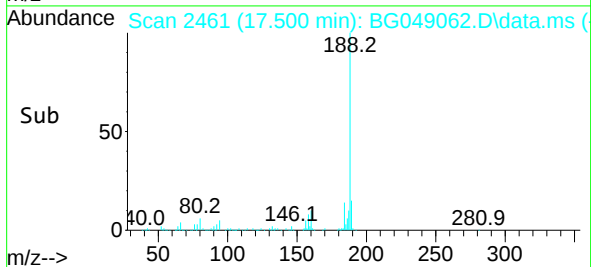
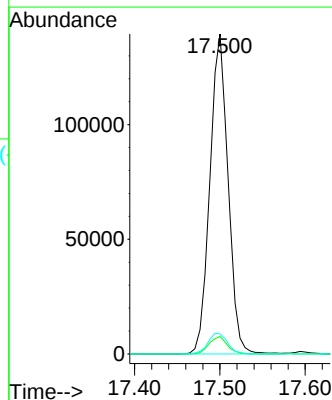
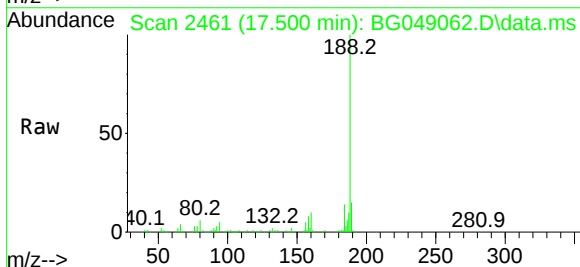


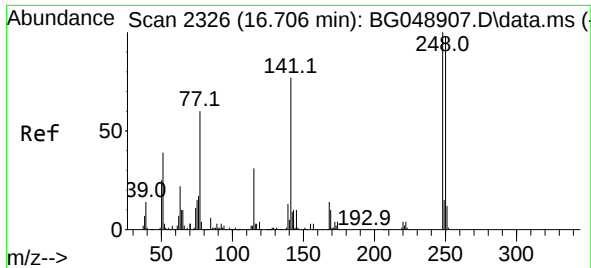
Tgt Ion:165 Resp: 10234
Ion Ratio Lower Upper
165 100
63 3.5 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

Tgt Ion:188 Resp: 206515
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.3 3.7 5.5#

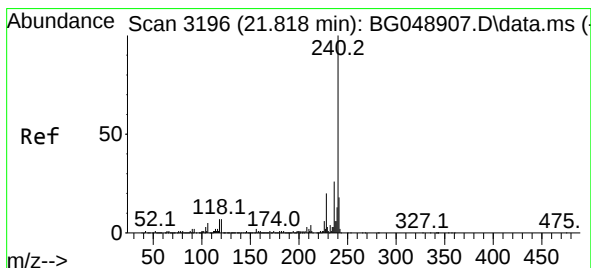
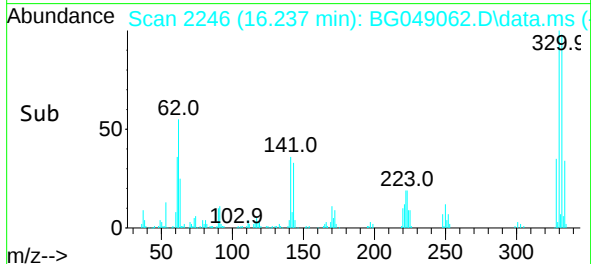
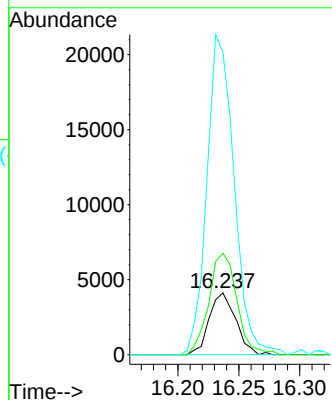
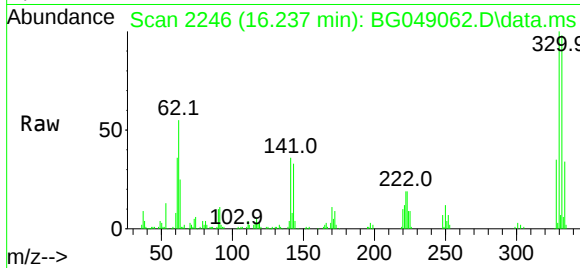




#67
4-Bromophenyl-phenylether
Concen: 2.421 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.455 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

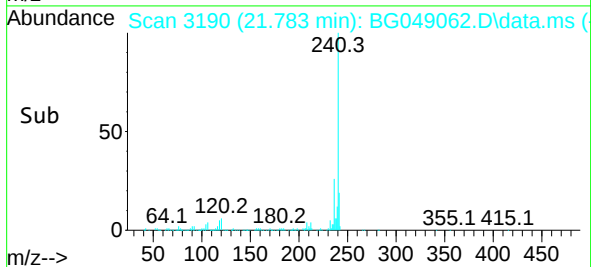
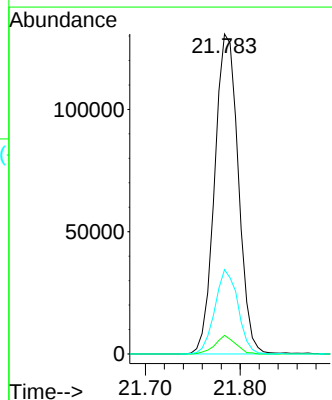
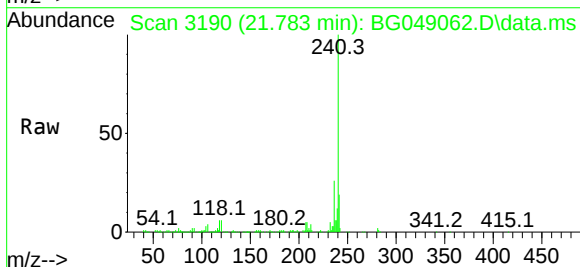
Instrument :
BNA_G
ClientSampleId :
SB-10A

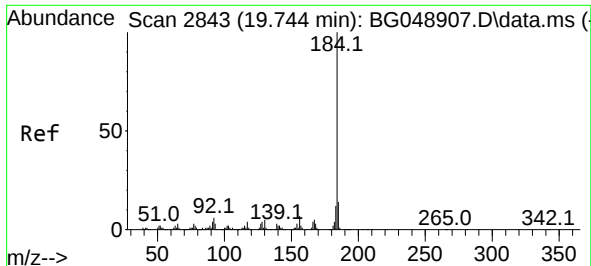
Tgt Ion:248 Resp: 6244
Ion Ratio Lower Upper
248 100
250 164.4 76.1 114.1#
141 490.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.783 min Scan# 3190
Delta R.T. -0.014 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

Tgt Ion:240 Resp: 226621
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 26.4 21.8 32.6

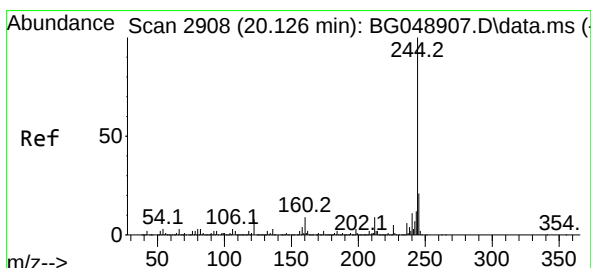
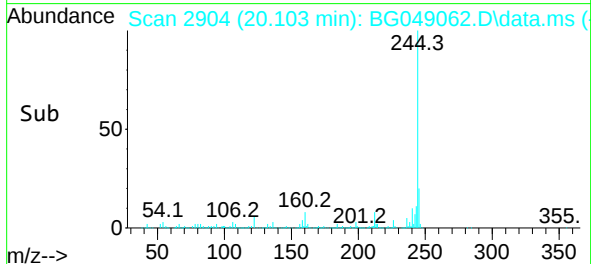
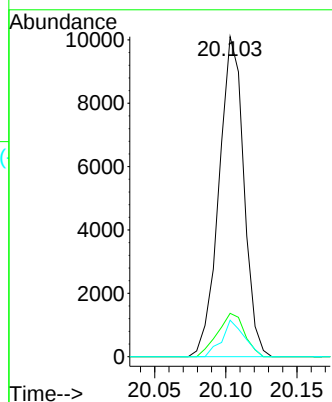
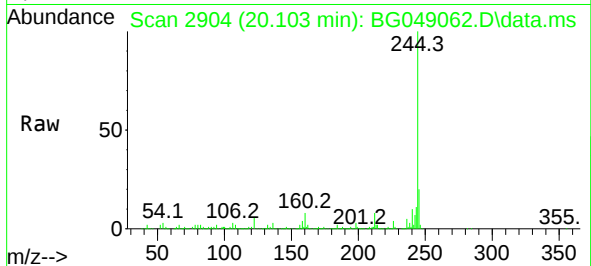




#77
Benzidine
Concen: 2.684 ng
RT: 20.103 min Scan# 2904
Delta R.T. 0.374 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

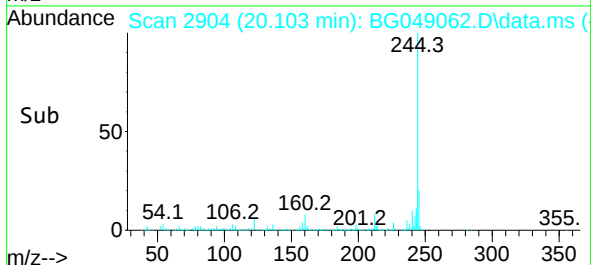
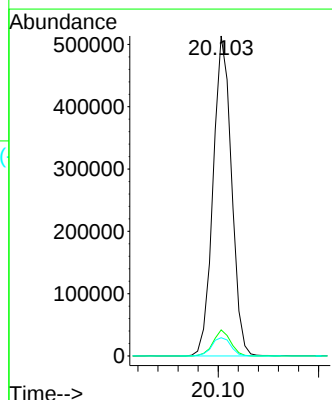
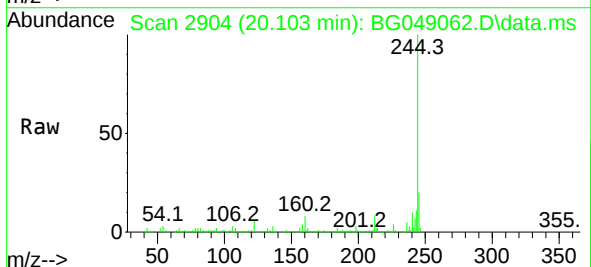
Instrument :
BNA_G
ClientSampleId :
SB-10A

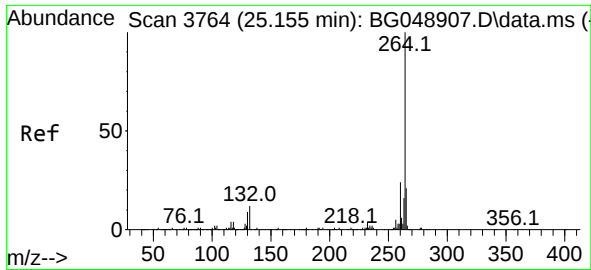
Tgt Ion:184 Resp: 12253
Ion Ratio Lower Upper
184 100
185 13.5 10.7 16.1
183 11.4 9.4 14.0



#79
Terphenyl-d14
Concen: 52.818 ng
RT: 20.103 min Scan# 2904
Delta R.T. -0.008 min
Lab File: BG049062.D
Acq: 23 Jun 2021 15:24

Tgt Ion:244 Resp: 653575
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 5.7 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.109 min Scan# 3756
 Delta R.T. -0.020 min
 Lab File: BG049062.D
 Acq: 23 Jun 2021 15:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-10A

Tgt Ion:264 Resp: 235737
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 23.0 16.9 25.3

