

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049063.D
 Acq On : 23 Jun 2021 16:06
 Operator : CG/JU
 Sample : M2748-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8A

Quant Time: Jun 23 16:53:46 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

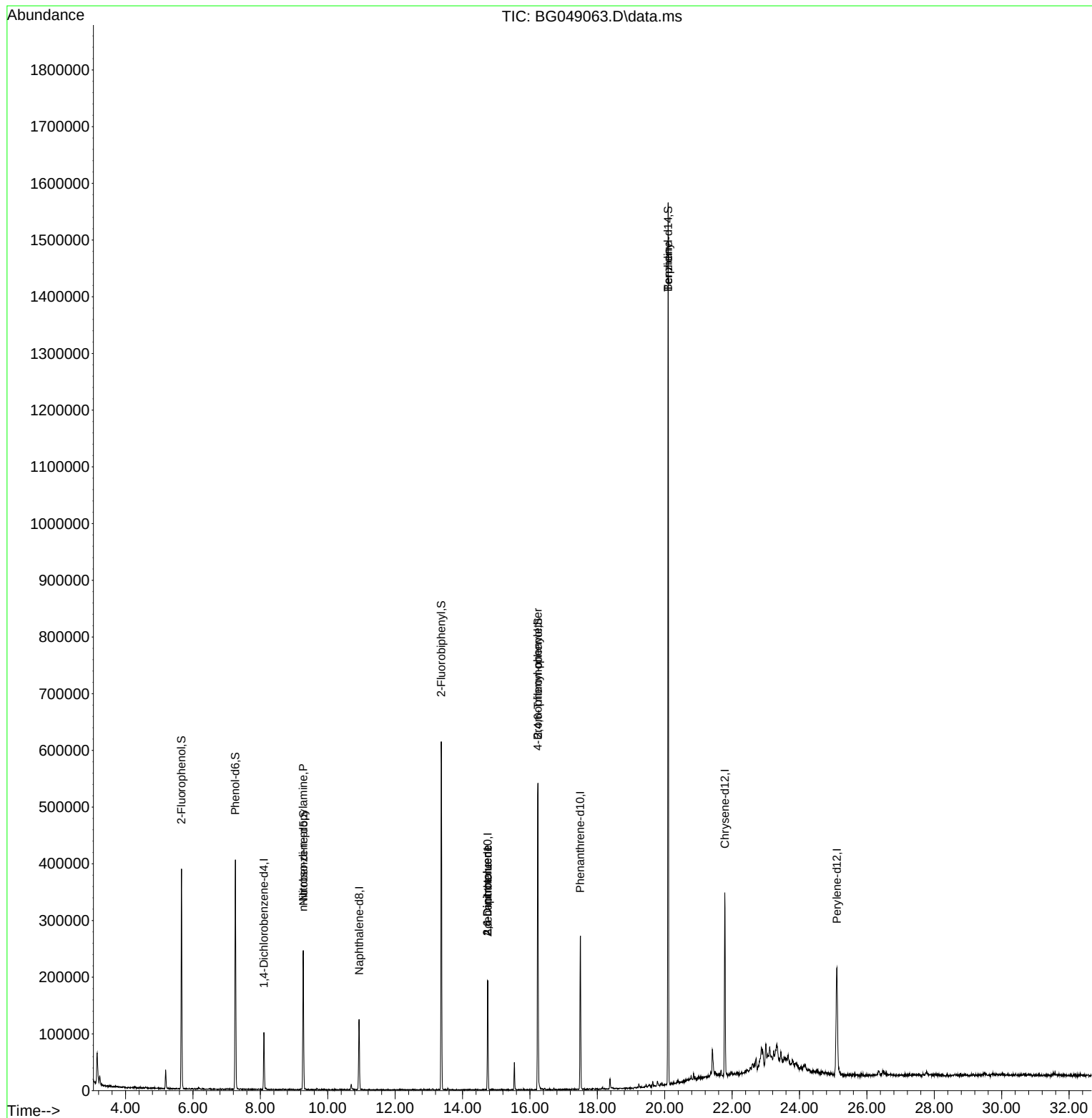
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	26199	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	99943	20.000	ng	# 0.00
39) Acenaphthene-d10	14.749	164	75179	20.000	ng	0.00
64) Phenanthrene-d10	17.493	188	182750	20.000	ng	#-0.02
76) Chrysene-d12	21.782	240	210395	20.000	ng	-0.02
86) Perylene-d12	25.108	264	226047	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	151809	90.201	ng	0.00
7) Phenol-d6	7.258	99	201299	79.801	ng	0.00
23) Nitrobenzene-d5	9.274	82	144321	62.267	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	112746	101.224	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	318899	59.923	ng	-0.02
79) Terphenyl-d14	20.102	244	741836	64.574	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	22694	11.510	ng	# 74
51) 2,6-Dinitrotoluene	14.744	165	9407	7.888	ng	# 14
57) 2,4-Dinitrotoluene	14.744	165	9407	6.422	ng	# 19
67) 4-Bromophenyl-phenylether	16.230	248	6790	2.976	ng	# 1
77) Benzidine	20.102	184	13910	3.282	ng	# 70

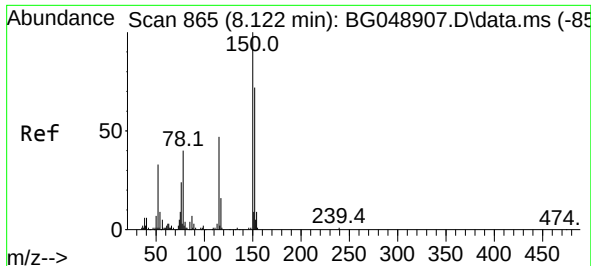
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

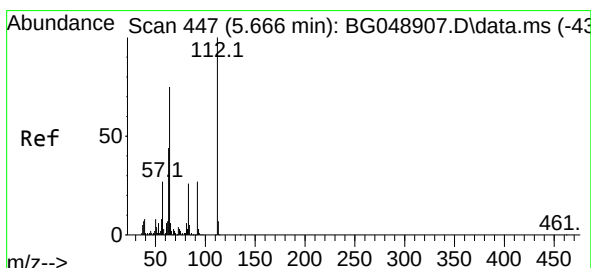
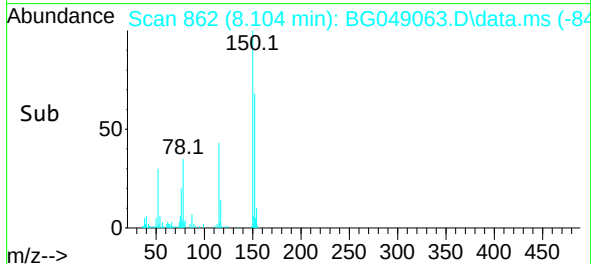
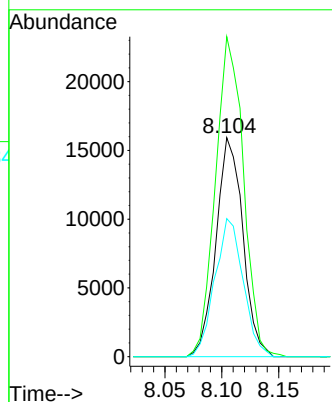
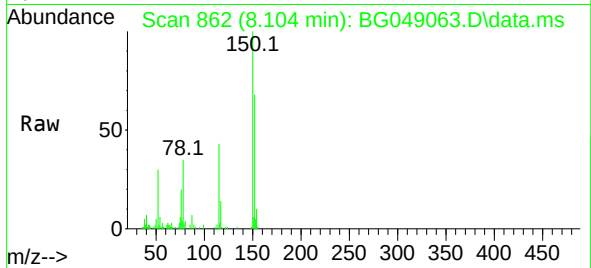




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 862
Delta R.T. -0.010 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

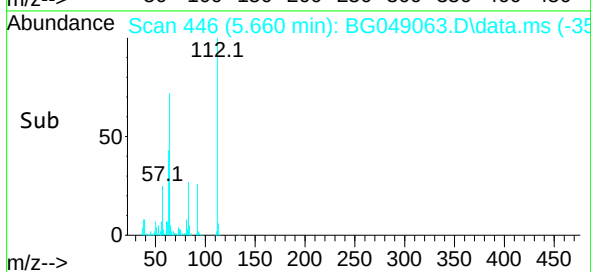
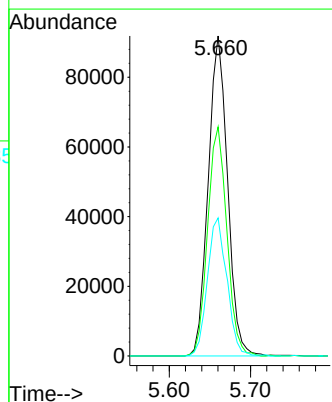
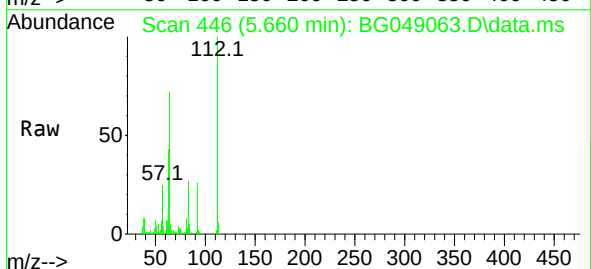
Instrument :
BNA_G
ClientSampleId :
SB-8A

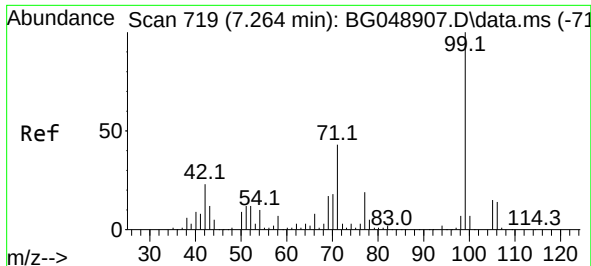
Tgt Ion:152 Resp: 26199
Ion Ratio Lower Upper
152 100
150 146.0 119.4 179.0
115 63.0 60.2 90.4



#5
2-Fluorophenol
Concen: 90.201 ng
RT: 5.660 min Scan# 446
Delta R.T. -0.003 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

Tgt Ion:112 Resp: 151809
Ion Ratio Lower Upper
112 100
64 71.6 46.7 70.1#
63 43.1 35.3 52.9

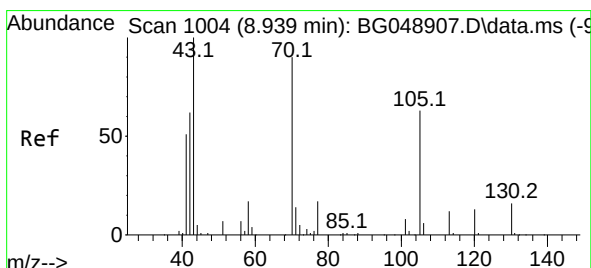
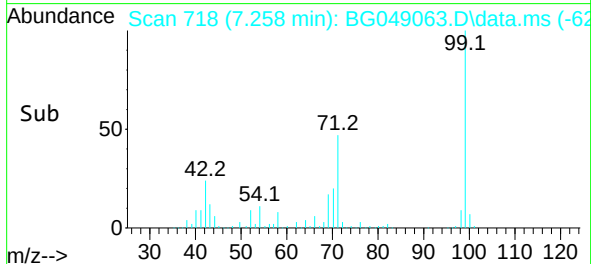
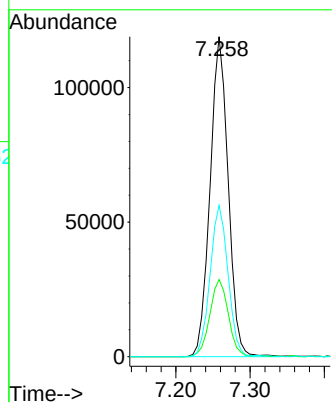
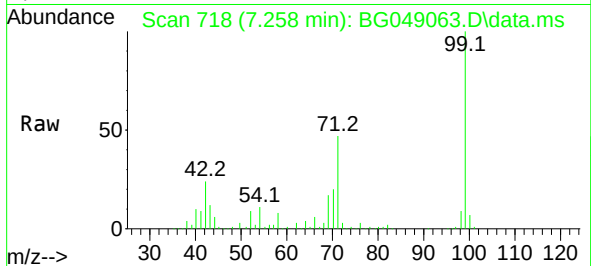




#7
Phenol-d6
Concen: 79.801 ng
RT: 7.258 min Scan# 718
Delta R.T. -0.009 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

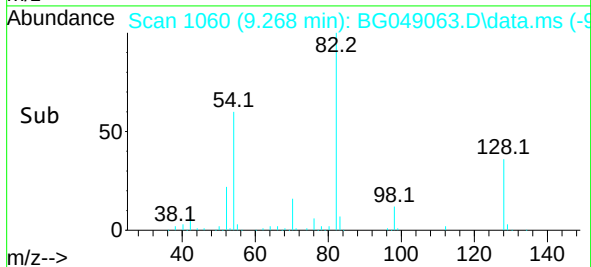
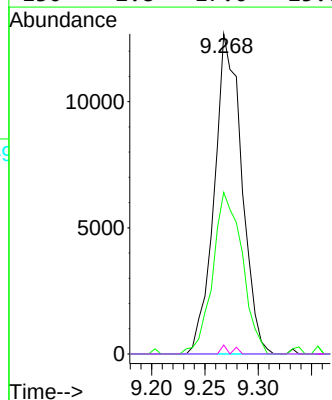
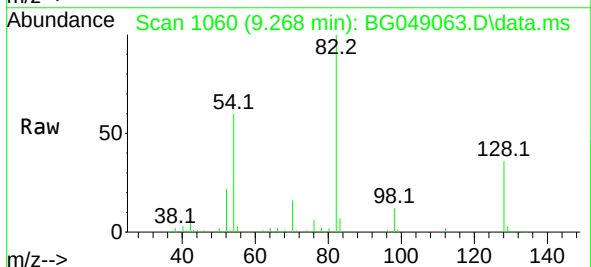
Instrument :
BNA_G
ClientSampleId :
SB-8A

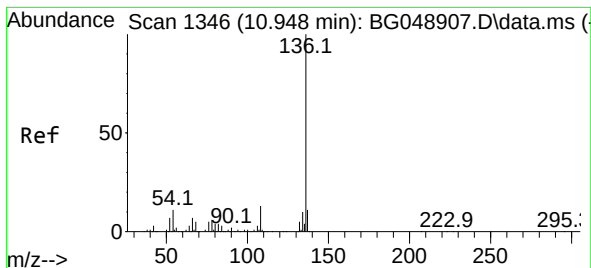
Tgt Ion:	99	Resp:	201299
Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.5	30.7
71	47.3	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.510 ng
RT: 9.268 min Scan# 1060
Delta R.T. 0.343 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

Tgt Ion:	70	Resp:	22694
Ion	Ratio	Lower	Upper
70	100		
42	50.5	54.5	81.7#
101	0.0	9.0	13.6#
130	2.8	17.0	25.6#

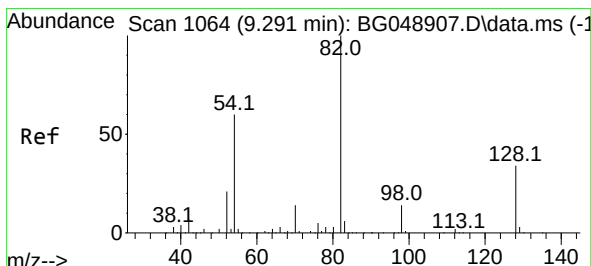
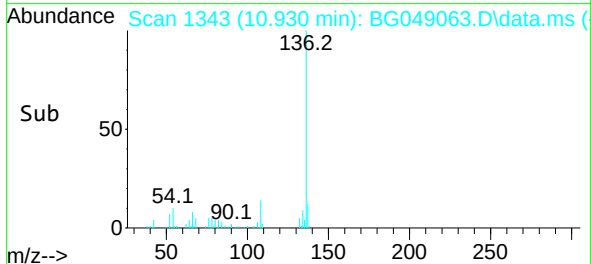
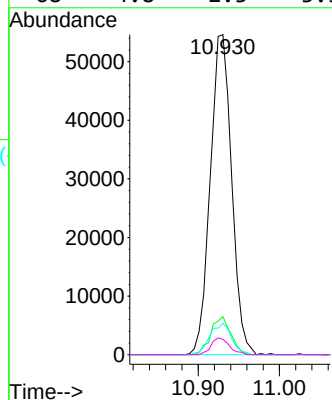
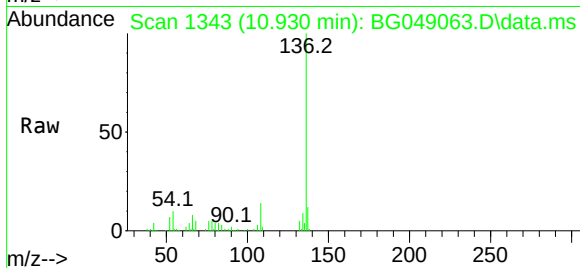




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.930 min Scan# 1343
Delta R.T. -0.009 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

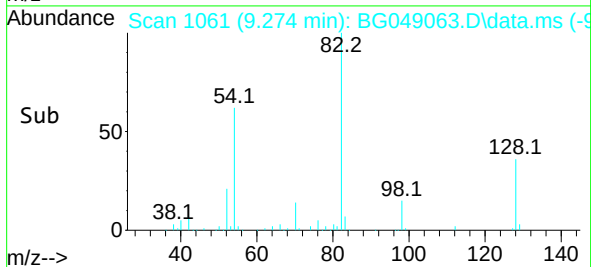
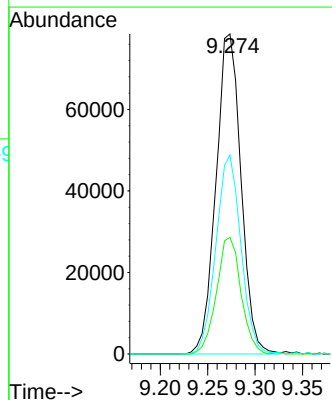
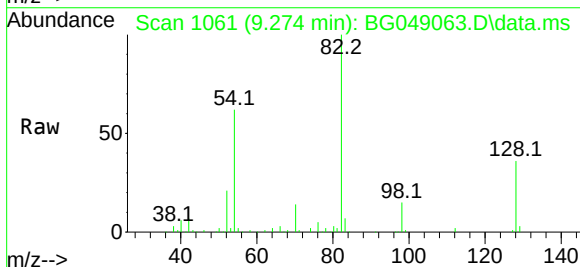
Instrument :
BNA_G
ClientSampleId :
SB-8A

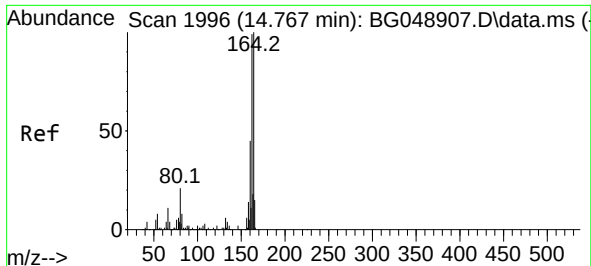
Tgt Ion:	136	Resp:	99943
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.2	12.2
54	9.8	5.5	8.3#
68	4.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 62.267 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

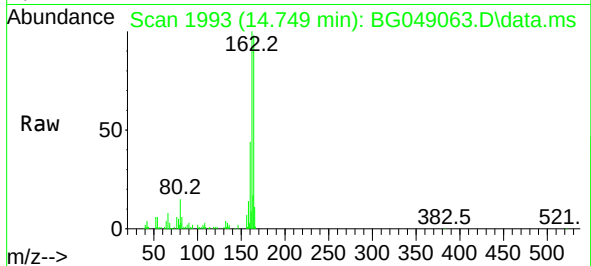
Tgt Ion:	82	Resp:	144321
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.8	44.6
54	62.2	45.8	68.8



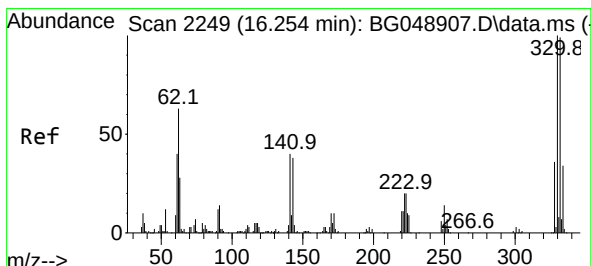
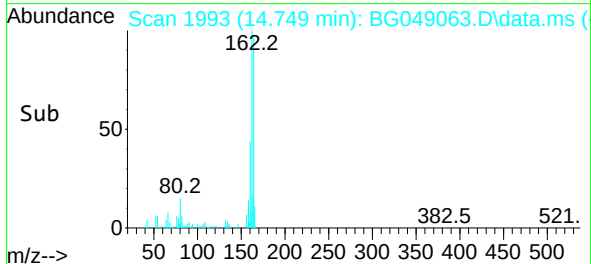
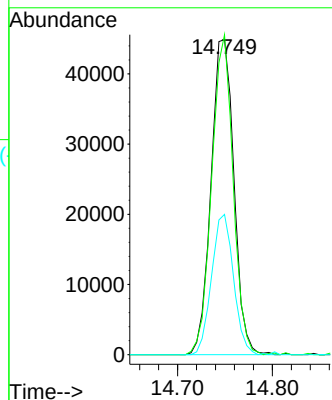


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.749 min Scan# 1993
Delta R.T. -0.009 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

Instrument :
BNA_G
ClientSampleId :
SB-8A

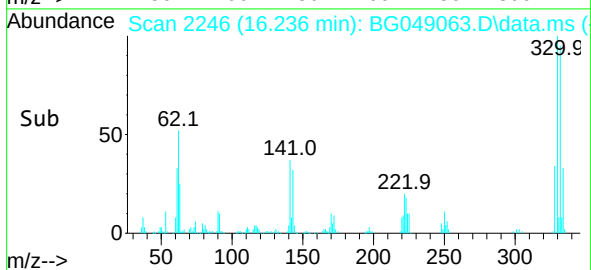
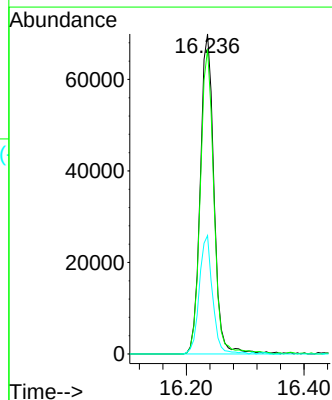
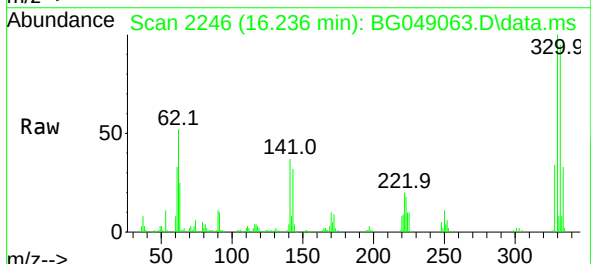


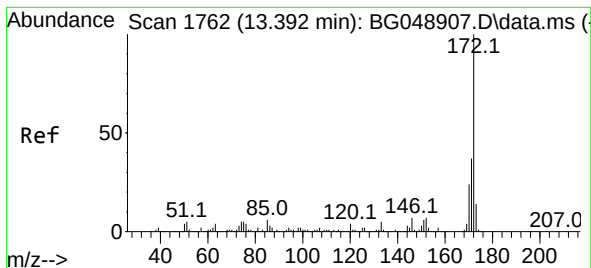
Tgt Ion:164 Resp: 75179
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 44.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 101.224 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.009 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

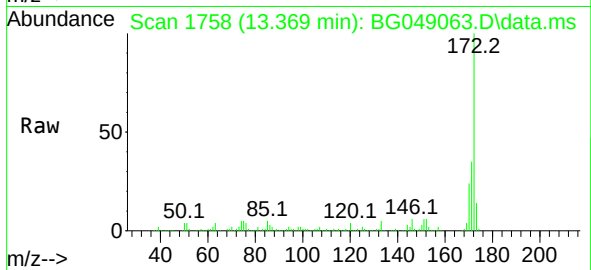
Tgt Ion:330 Resp: 112746
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 35.9 35.6 53.4



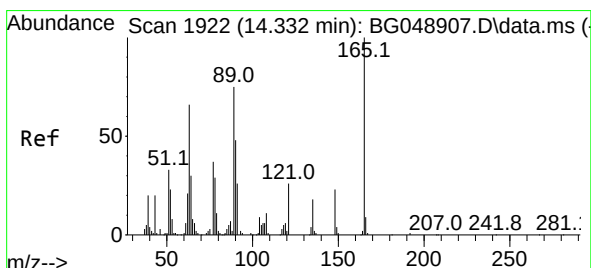
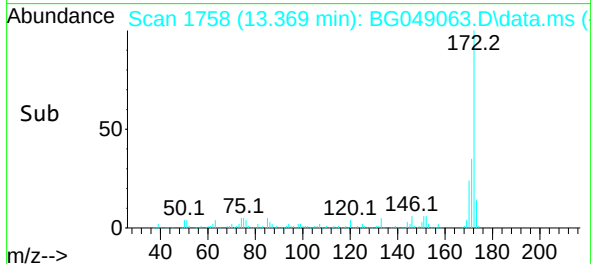
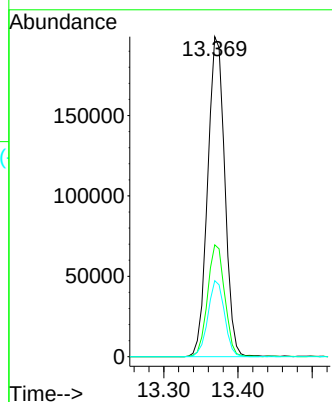


#45
2-Fluorobiphenyl
Concen: 59.923 ng
RT: 13.369 min Scan# 1758
Delta R.T. -0.015 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

Instrument :
BNA_G
ClientSampleId :
SB-8A

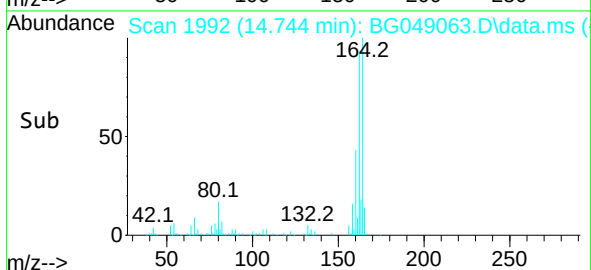
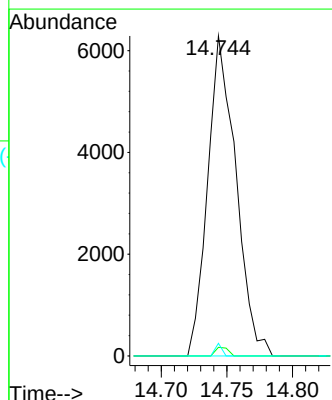
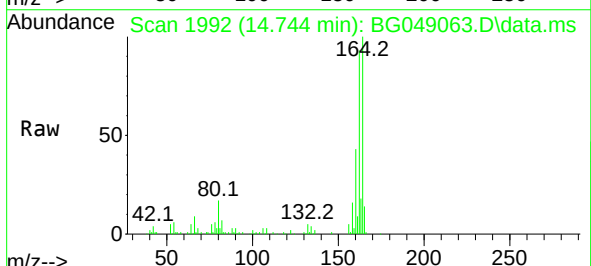


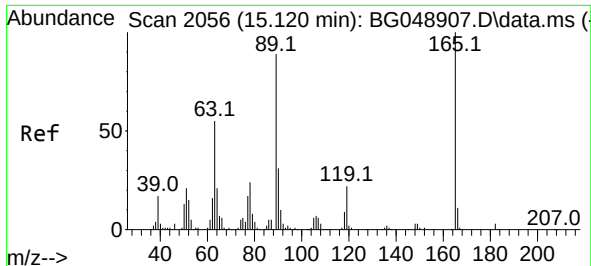
Tgt Ion:172 Resp: 318899
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.888 ng
RT: 14.744 min Scan# 1992
Delta R.T. 0.420 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

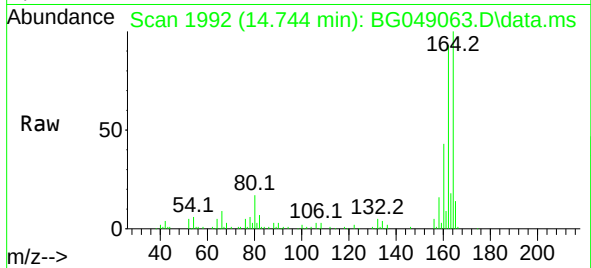
Tgt Ion:165 Resp: 9407
Ion Ratio Lower Upper
165 100
63 2.7 63.3 94.9#
89 3.9 63.4 95.0#



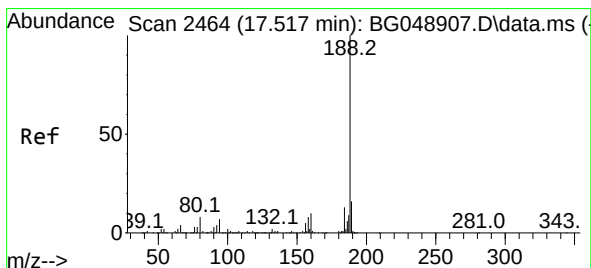
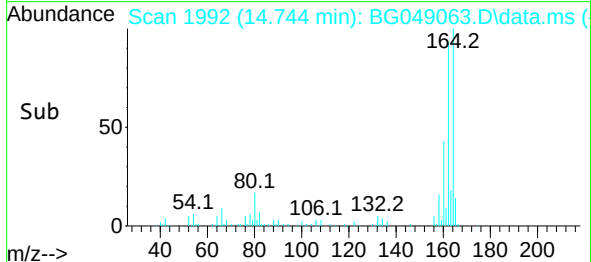
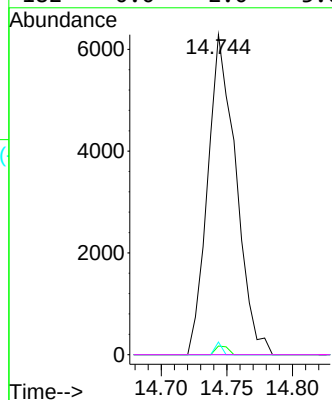


#57
2,4-Dinitrotoluene
Concen: 6.422 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.368 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

Instrument :
BNA_G
ClientSampleId :
SB-8A

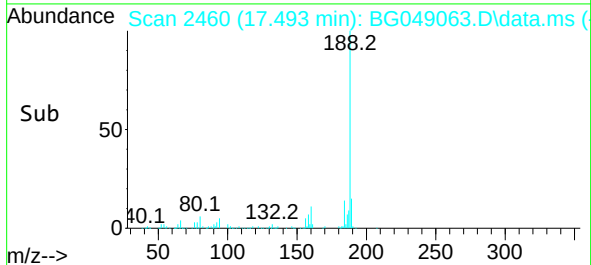
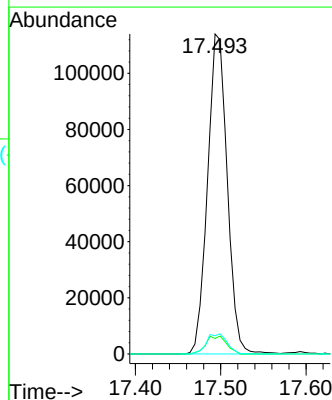
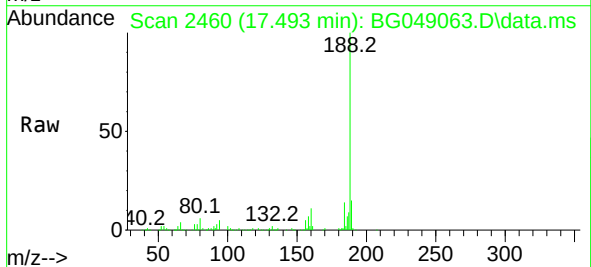


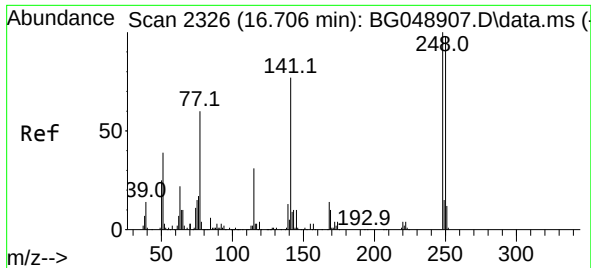
Tgt Ion:165 Resp: 9407
Ion Ratio Lower Upper
165 100
63 2.7 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.015 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

Tgt Ion:188 Resp: 182750
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 5.7 3.7 5.5#

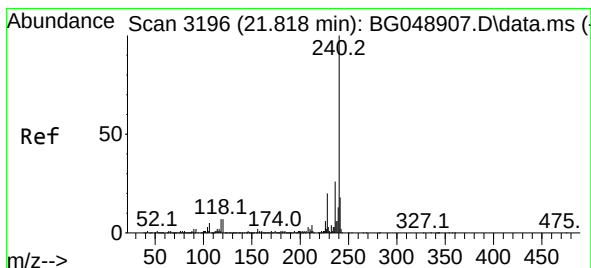
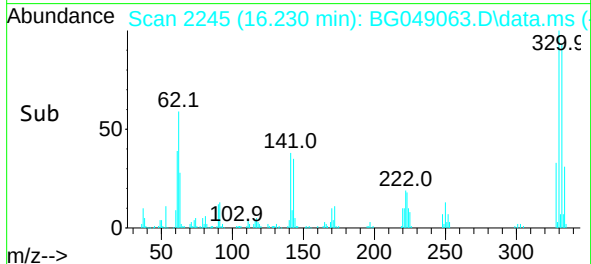
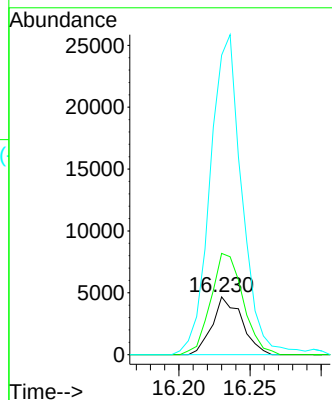
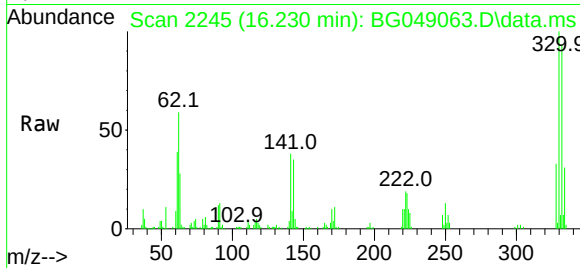




#67
4-Bromophenyl-phenylether
Concen: 2.976 ng
RT: 16.230 min Scan# 2245
Delta R.T. -0.462 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

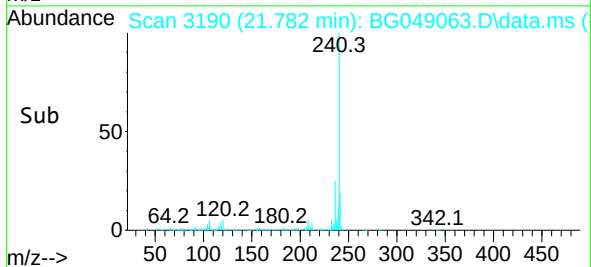
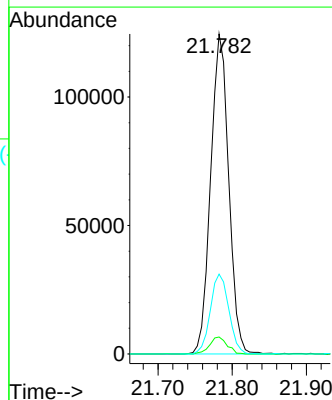
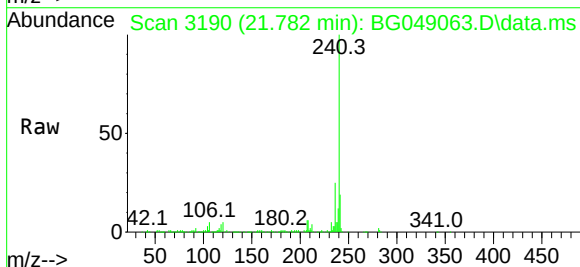
Instrument :
BNA_G
ClientSampled :
SB-8A

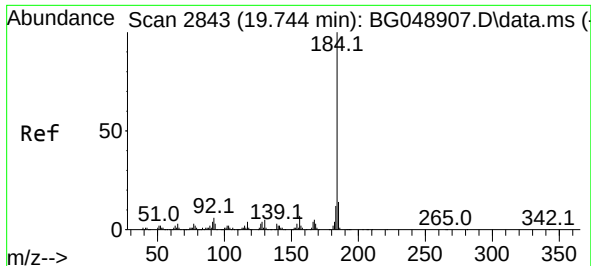
Tgt Ion:248 Resp: 6790
Ion Ratio Lower Upper
248 100
250 175.5 76.1 114.1#
141 518.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.782 min Scan# 3190
Delta R.T. -0.015 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

Tgt Ion:240 Resp: 210395
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 25.0 21.8 32.6

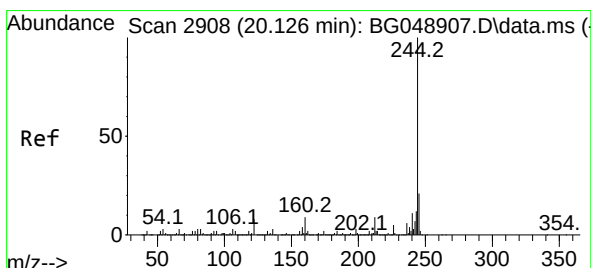
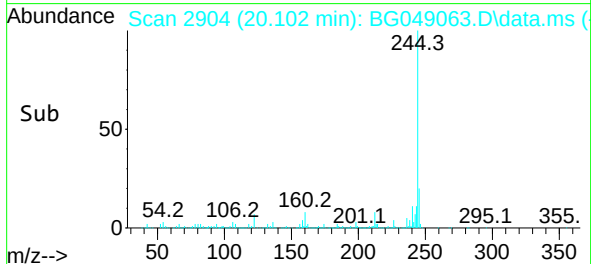
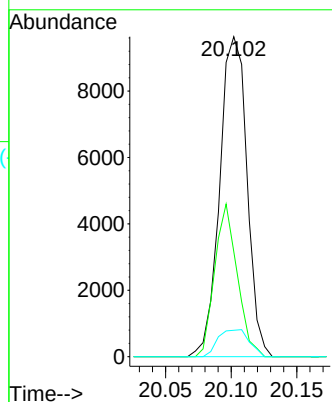
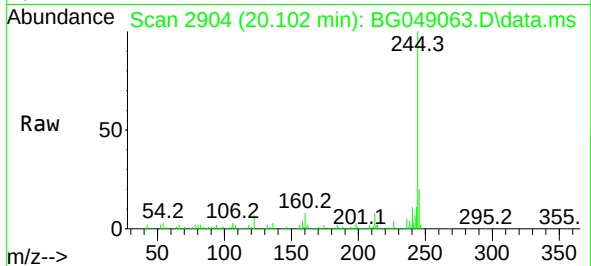




#77
Benzidine
Concen: 3.282 ng
RT: 20.102 min Scan# 2904
Delta R.T. 0.373 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

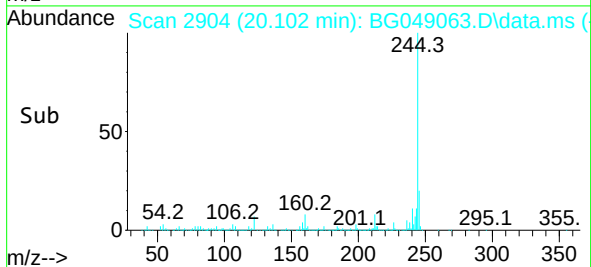
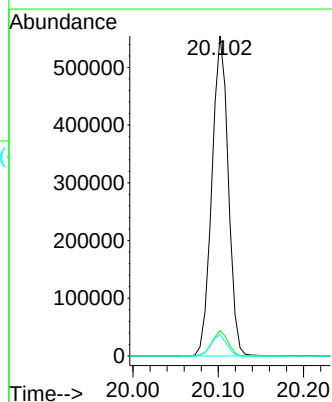
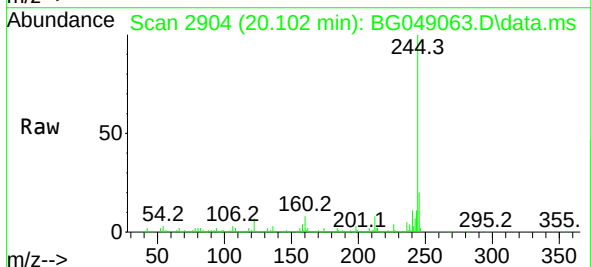
Instrument :
BNA_G
ClientSampled :
SB-8A

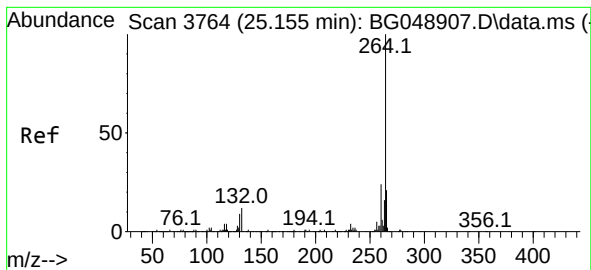
Tgt Ion:184 Resp: 13910
Ion Ratio Lower Upper
184 100
185 32.8 10.7 16.1#
183 8.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 64.574 ng
RT: 20.102 min Scan# 2904
Delta R.T. -0.009 min
Lab File: BG049063.D
Acq: 23 Jun 2021 16:06

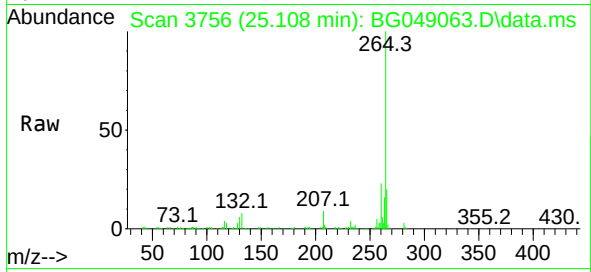
Tgt Ion:244 Resp: 741836
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.108 min Scan# 3756
 Delta R.T. -0.021 min
 Lab File: BG049063.D
 Acq: 23 Jun 2021 16:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-8A



Tgt Ion:264 Resp: 226047

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.0	16.9	25.3

