

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050652.D
 Acq On : 20 Oct 2021 19:32
 Operator : CG/JU
 Sample : M4285-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-FA-(1)

Quant Time: Oct 21 03:17:56 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)

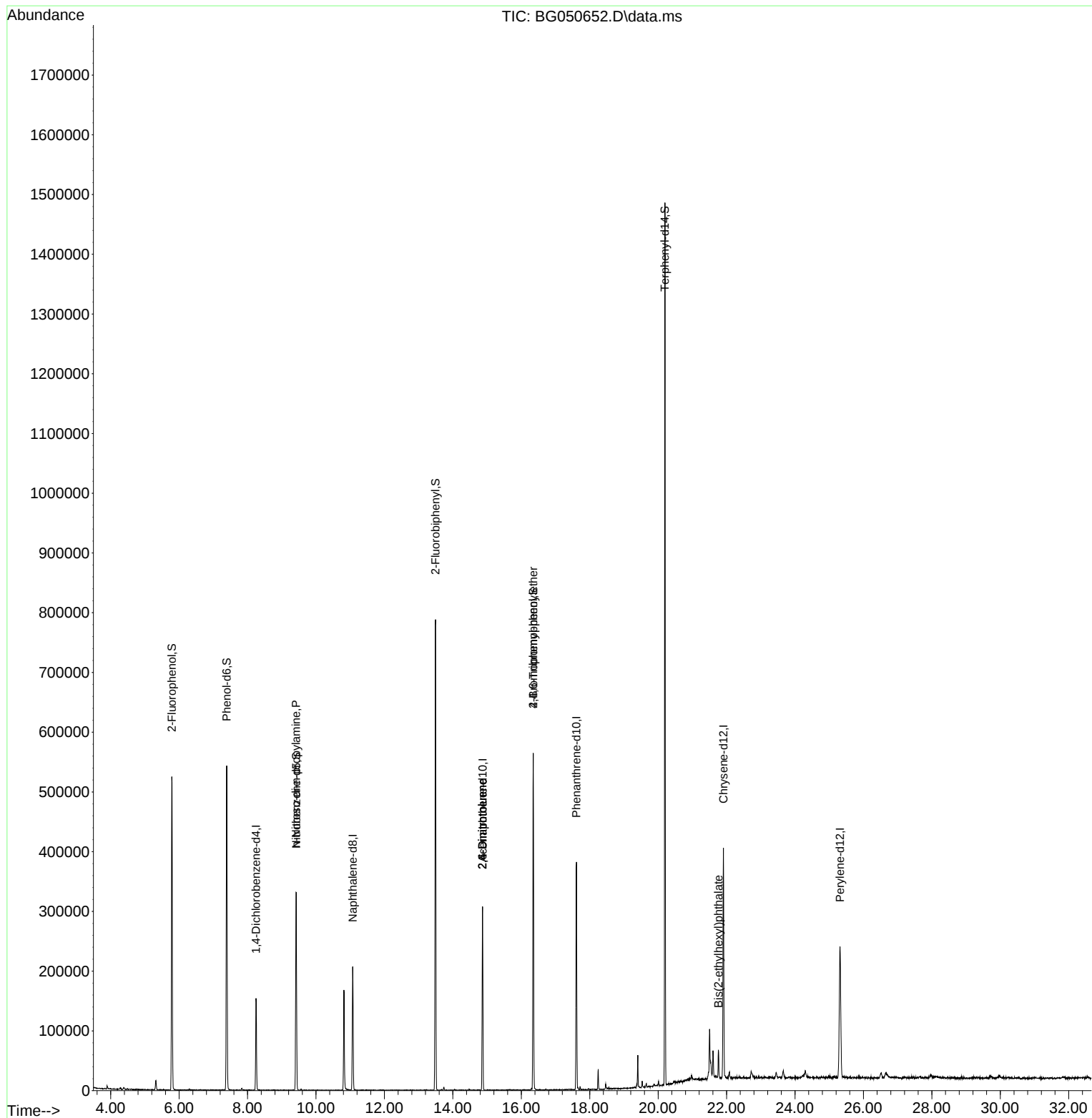
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	40604	20.000	ng	-0.01
21) Naphthalene-d8	11.073	136	168705	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	109120	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	237774	20.000	ng	# 0.00
76) Chrysene-d12	21.907	240	229793	20.000	ng	#-0.02
86) Perylene-d12	25.315	264	220868	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	226756	83.519	ng	0.00
7) Phenol-d6	7.389	99	308514	78.485	ng	-0.01
23) Nitrobenzene-d5	9.422	82	217080	53.266	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	80937	77.763	ng	-0.01
45) 2-Fluorobiphenyl	13.494	172	394462	54.406	ng	-0.01
79) Terphenyl-d14	20.197	244	636473	53.978	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	596	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.416	70	30138	10.519	ng	# 69
51) 2,6-Dinitrotoluene	14.863	165	13914	8.422	ng	# 11
57) 2,4-Dinitrotoluene	14.863	165	13914	5.975	ng	# 16
67) 4-Bromophenyl-phenylether	16.349	248	6464	2.698	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.766	149	20179	2.059	ng	# 96

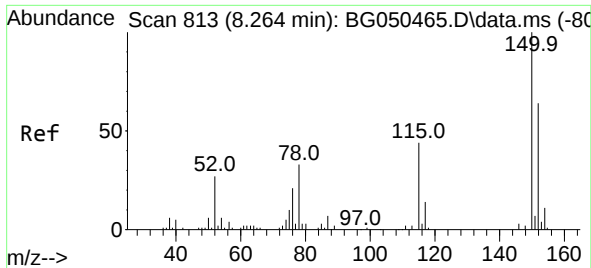
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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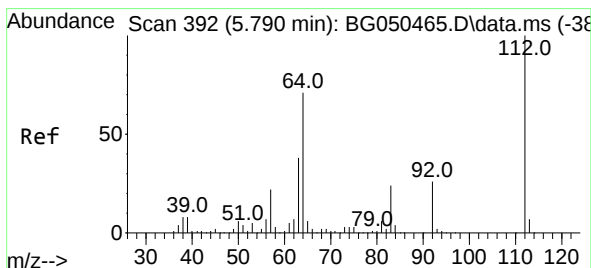
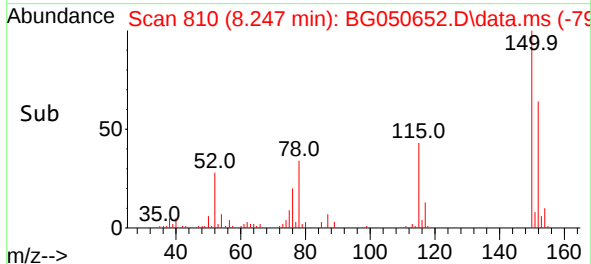
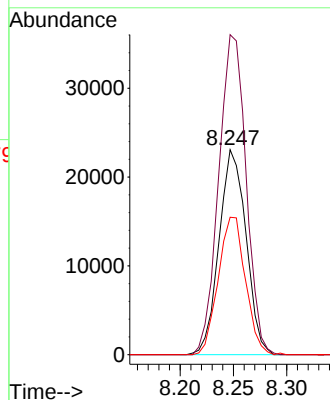
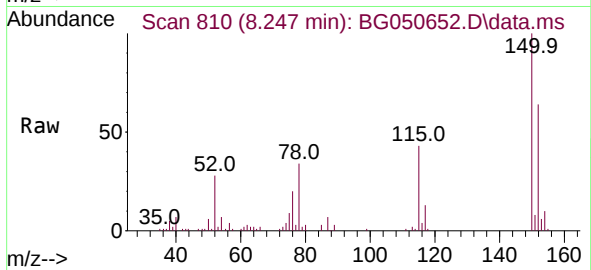




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 810
Delta R.T. -0.011 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

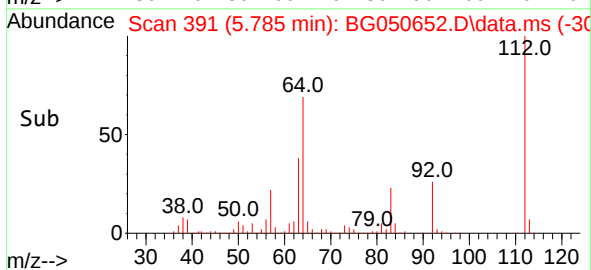
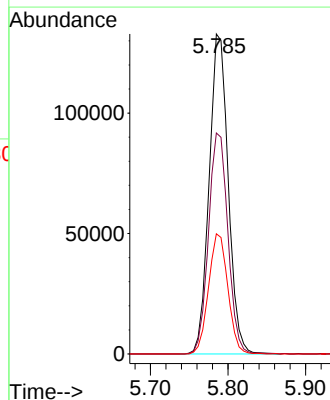
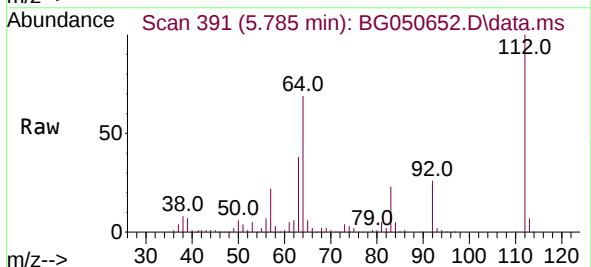
Instrument :
BNA_G
ClientSampleId :
MH-FA-(1)

Tgt Ion:152 Resp: 40604
Ion Ratio Lower Upper
152 100
150 156.1 119.4 179.0
115 67.0 60.2 90.4



#5
2-Fluorophenol
Concen: 83.519 ng
RT: 5.785 min Scan# 391
Delta R.T. -0.006 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

Tgt Ion:112 Resp: 226756
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 37.5 35.3 52.9

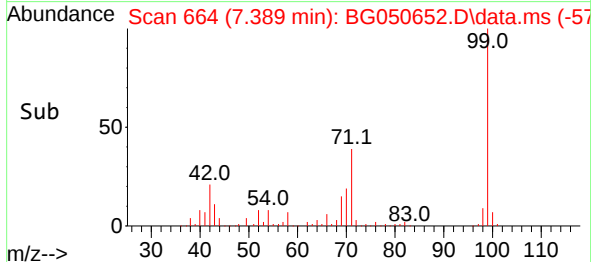
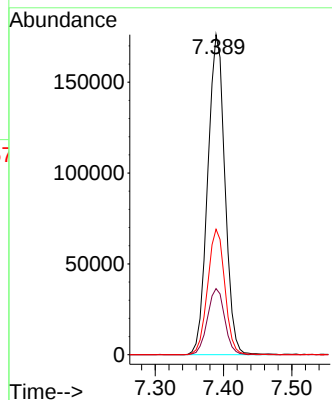
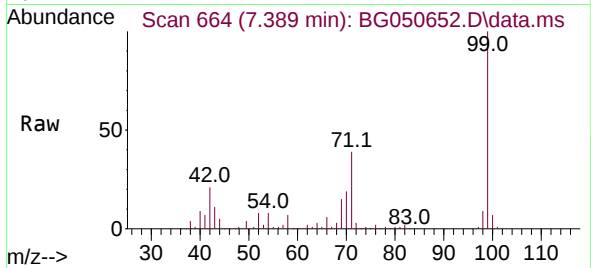




#7
Phenol-d6
Concen: 78.485 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.012 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

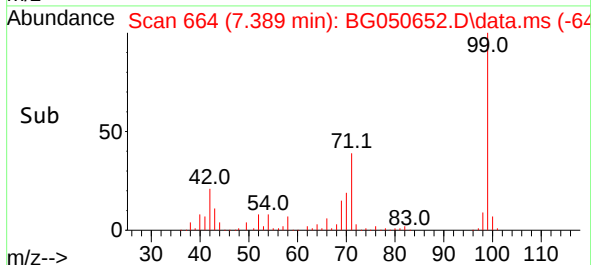
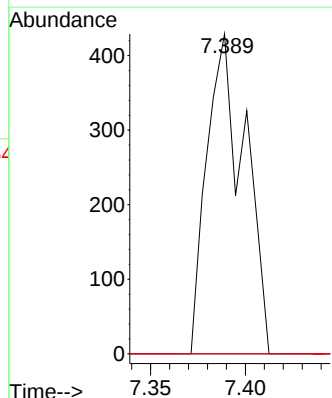
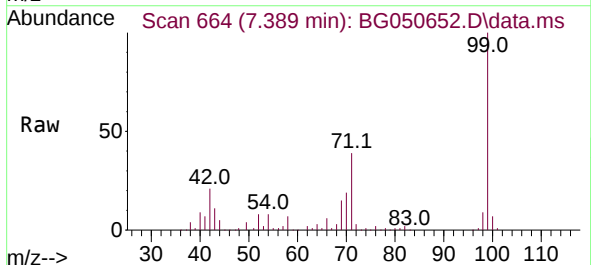
Instrument :
BNA_G
ClientSampleId :
MH-FA-(1)

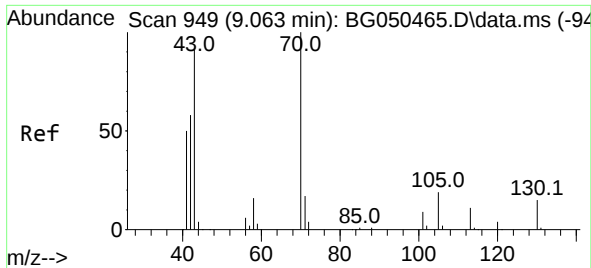
Tgt Ion: 99 Resp: 308514
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 39.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

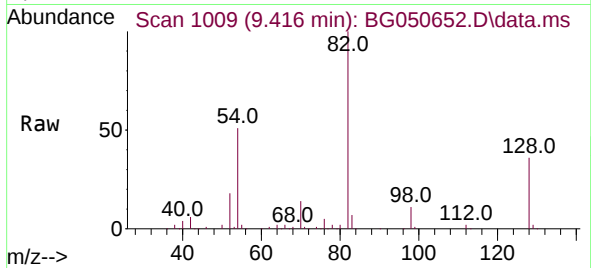
Tgt Ion: 77 Resp: 596
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#



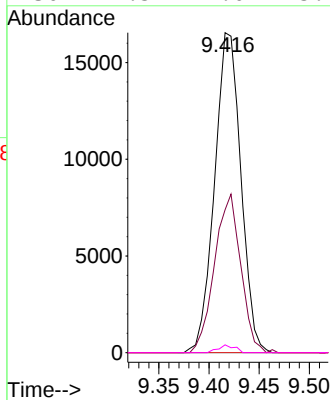
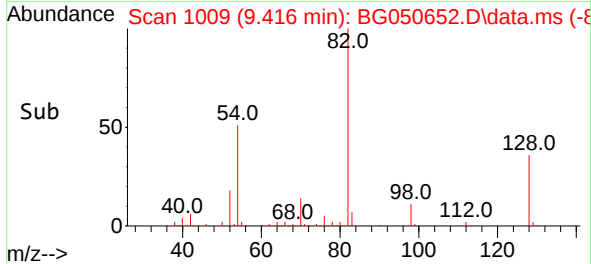


#19
n-Nitroso-di-n-propylamine
Concen: 10.519 ng
RT: 9.416 min Scan# 1009
Delta R.T. 0.359 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

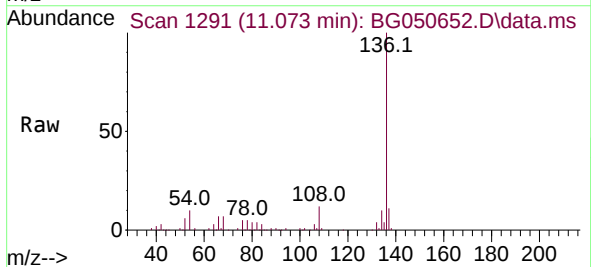
Instrument :
BNA_G
ClientSampleId :
MH-FA-(1)



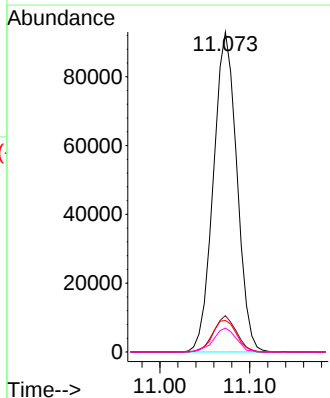
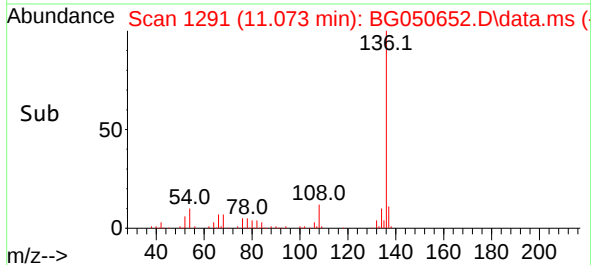
Tgt Ion: 70 Resp: 30138
Ion Ratio Lower Upper
70 100
42 44.7 54.5 81.7#
101 0.0 9.0 13.6#
130 2.5 17.0 25.6#

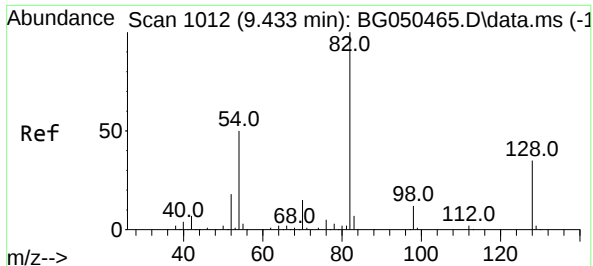


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32



Tgt Ion:136 Resp: 168705
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 9.8 5.5 8.3#
68 7.4 2.3 3.5#

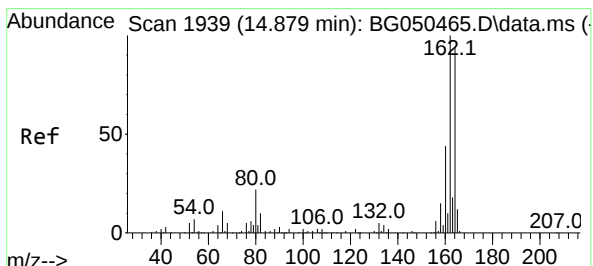
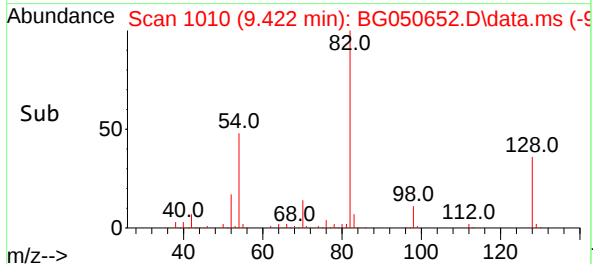
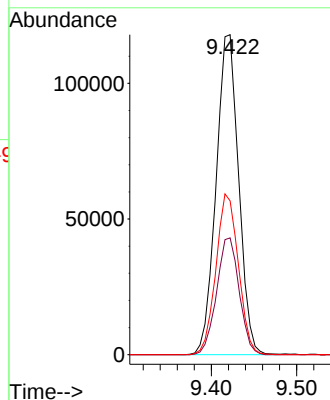
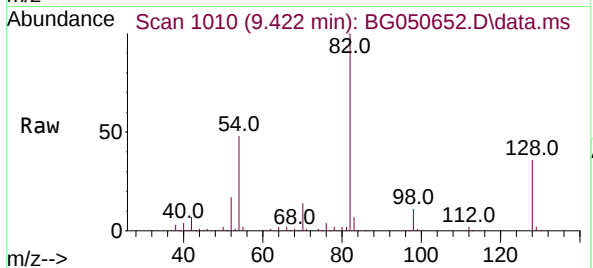




#23
Nitrobenzene-d5
Concen: 53.266 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

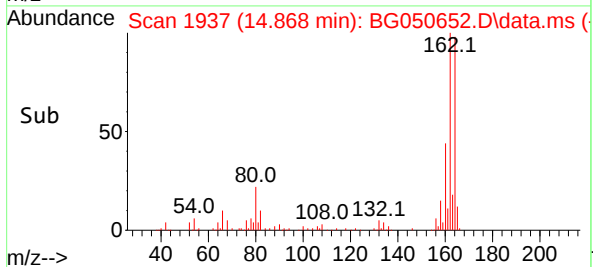
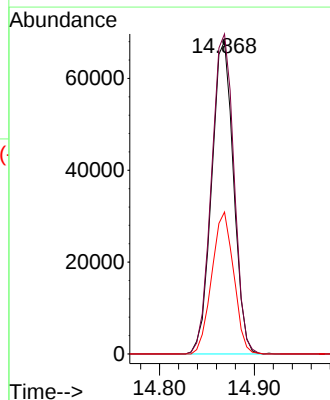
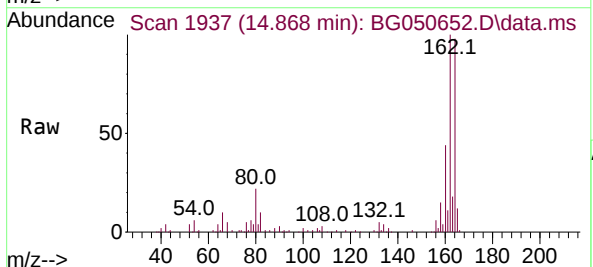
Instrument :
BNA_G
ClientSampleId :
MH-FA-(1)

Tgt Ion: 82 Resp: 217080
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 48.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

Tgt Ion:164 Resp: 109120
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 45.4 34.9 52.3

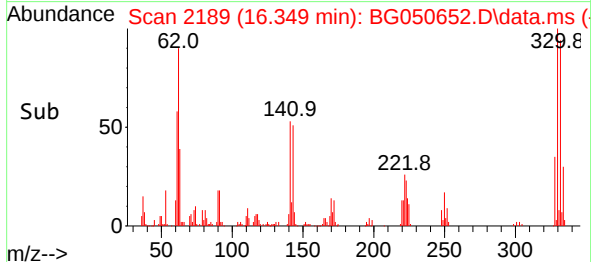
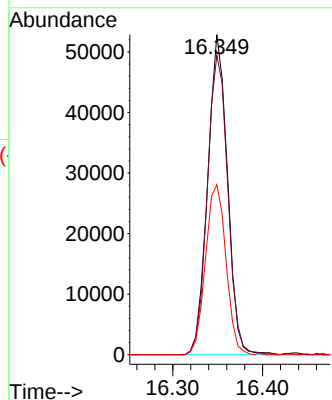
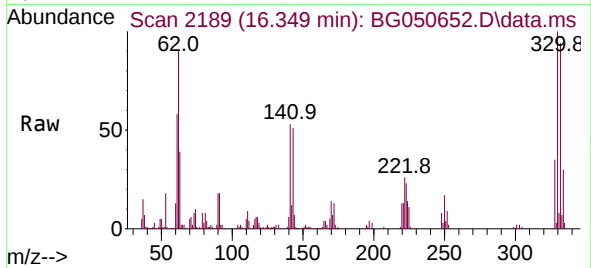




#42
2,4,6-Tribromophenol
Concen: 77.763 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

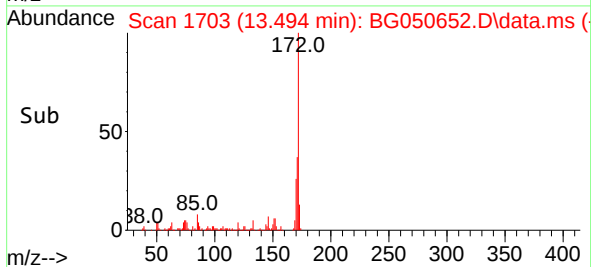
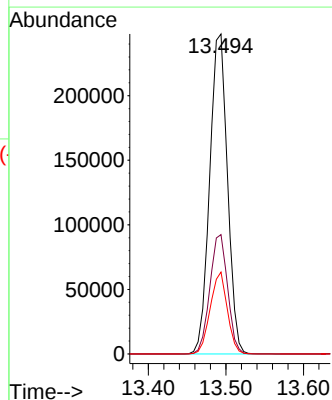
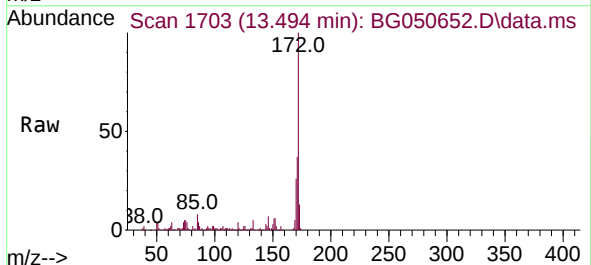
Instrument :
BNA_G
ClientSampleId :
MH-FA-(1)

Tgt Ion:330 Resp: 80937
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 54.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 54.406 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

Tgt Ion:172 Resp: 394462
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.6 18.6 27.8

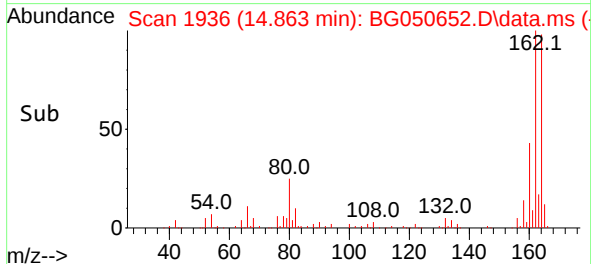
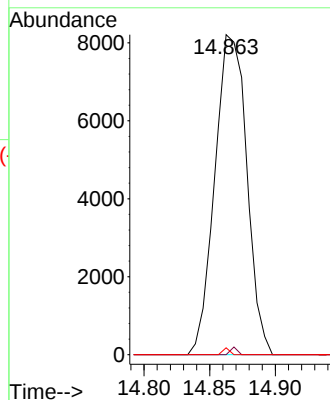
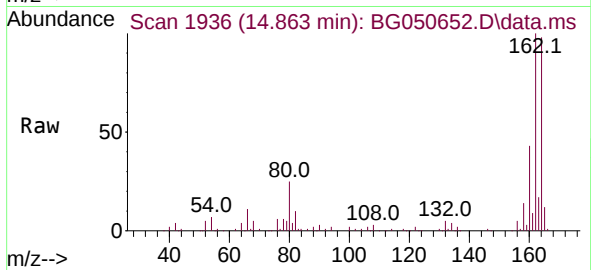




#51
2,6-Dinitrotoluene
Concen: 8.422 ng
RT: 14.863 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

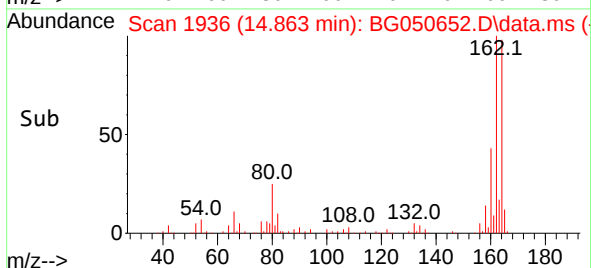
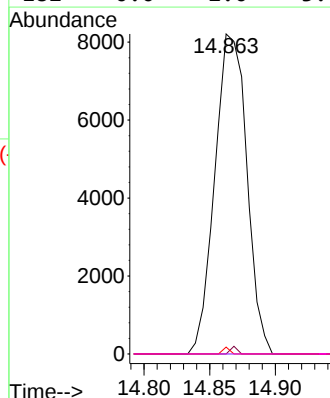
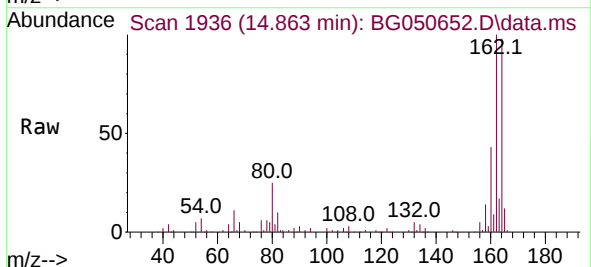
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BNA_G
ClientSampleId :
MH-FA-(1)

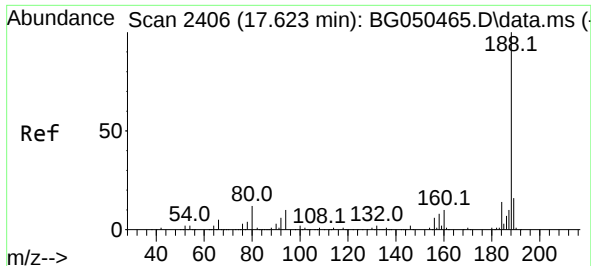
Tgt Ion:165 Resp: 13914
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.2 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.975 ng
RT: 14.863 min Scan# 1936
Delta R.T. -0.364 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

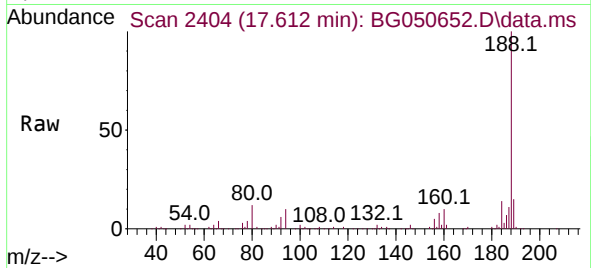
Tgt Ion:165 Resp: 13914
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.2 65.4 98.0#
182 0.0 2.0 3.0#



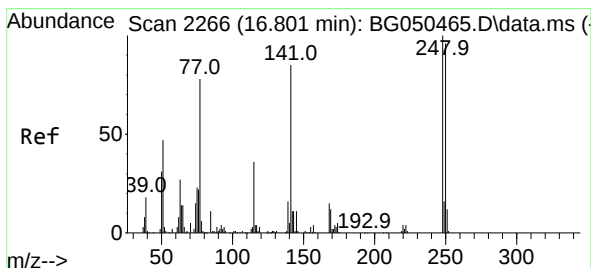
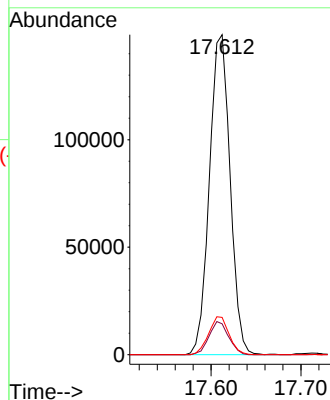
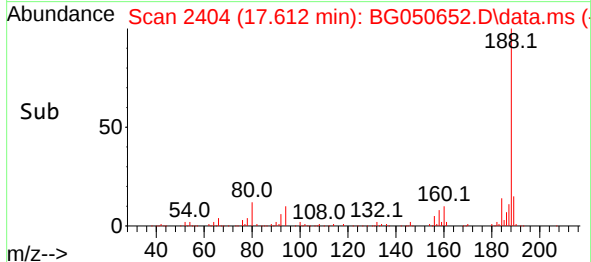


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

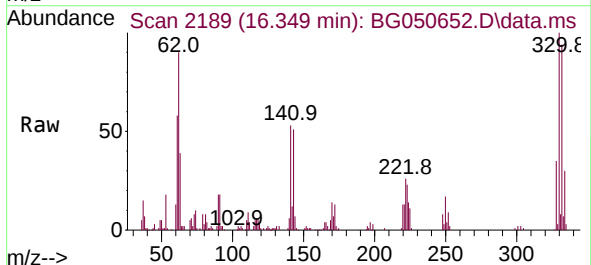
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BNA_G
ClientSampleId :
MH-FA-(1)



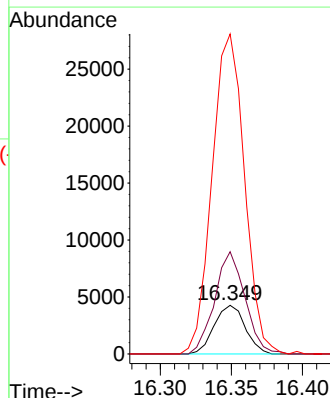
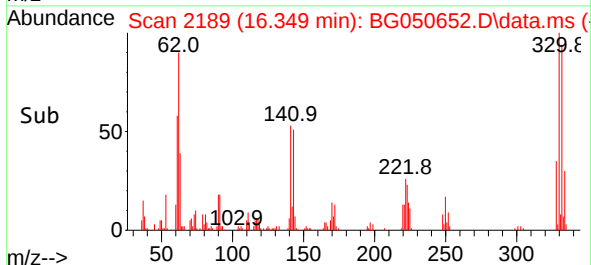
Tgt Ion:188 Resp: 237774
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 11.7 3.7 5.5#

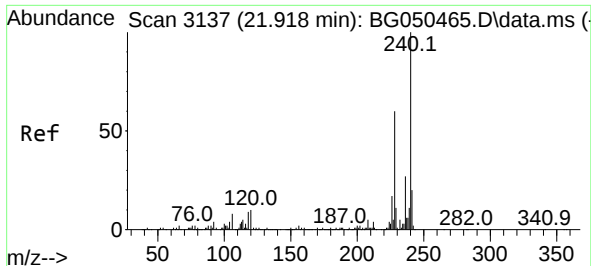


#67
4-Bromophenyl-phenylether
Concen: 2.698 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.452 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32



Tgt Ion:248 Resp: 6464
Ion Ratio Lower Upper
248 100
250 210.0 76.1 114.1#
141 657.5 65.4 98.2#

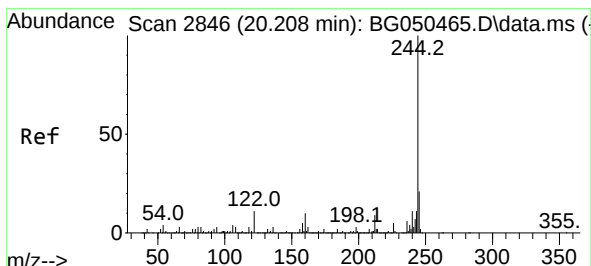
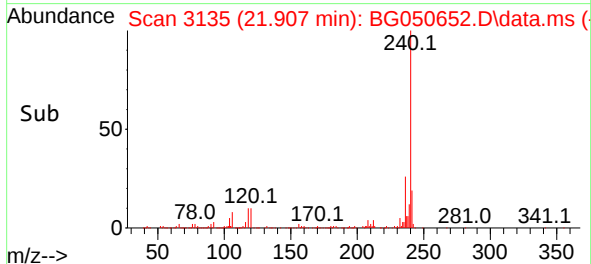
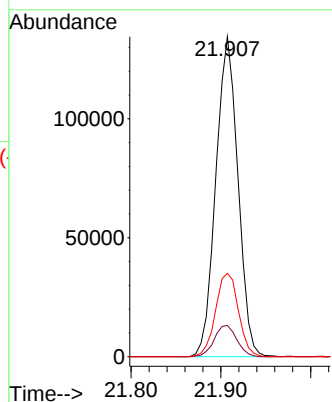
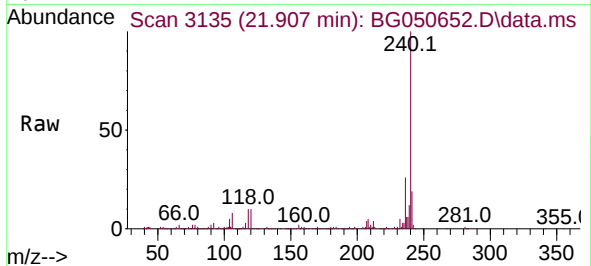




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.907 min Scan# 3135
Delta R.T. -0.017 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

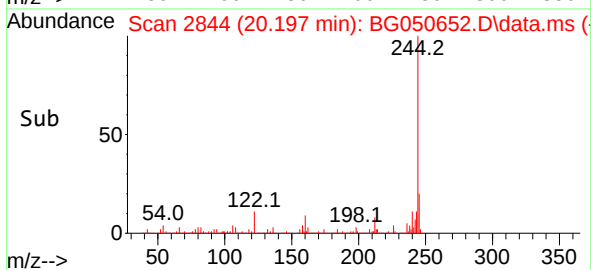
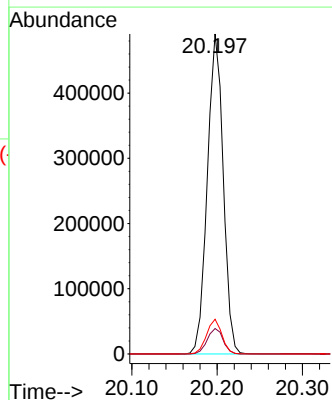
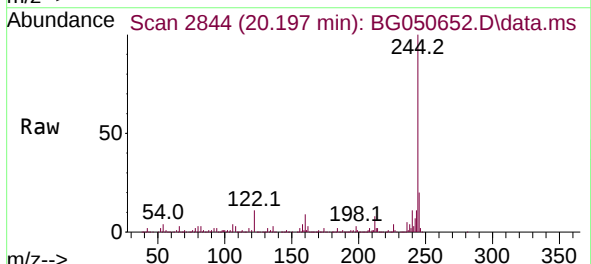
Instrument :
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ClientSampleId :
MH-FA-(1)

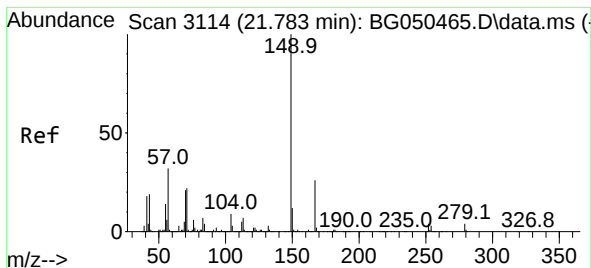
Tgt Ion:240 Resp: 229793
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 26.1 21.8 32.6



#79
Terphenyl-d14
Concen: 53.978 ng
RT: 20.197 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

Tgt Ion:244 Resp: 636473
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 10.8 5.0 7.6#

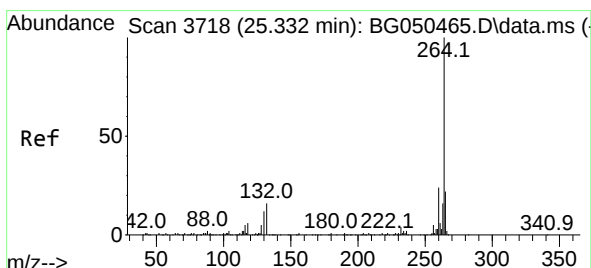
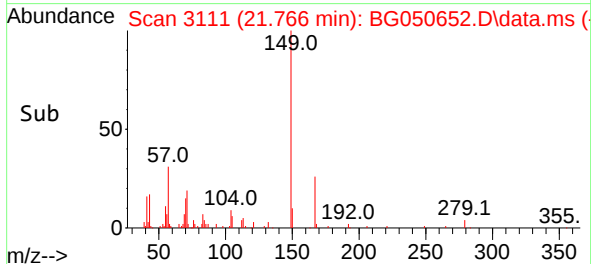
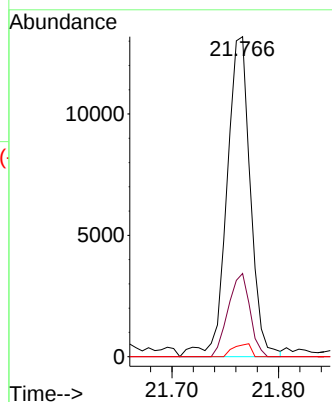
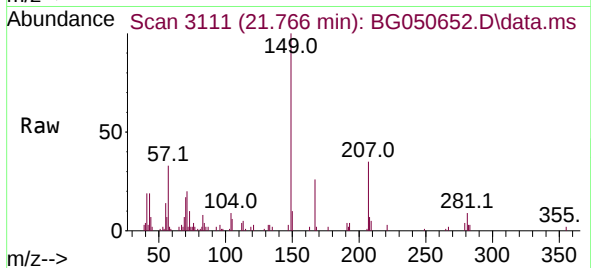




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.059 ng
RT: 21.766 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

Instrument :
BNA_G
ClientSampleId :
MH-FA-(1)

Tgt Ion:149 Resp: 20179
Ion Ratio Lower Upper
149 100
167 26.0 22.3 33.5
279 3.7 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.315 min Scan# 3715
Delta R.T. -0.017 min
Lab File: BG050652.D
Acq: 20 Oct 2021 19:32

Tgt Ion:264 Resp: 220868
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 20.9 16.9 25.3

