

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050669.D
 Acq On : 21 Oct 2021 15:50
 Operator : CG/JU
 Sample : PB140074BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140074BL

Quant Time: Oct 21 16:39:48 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)

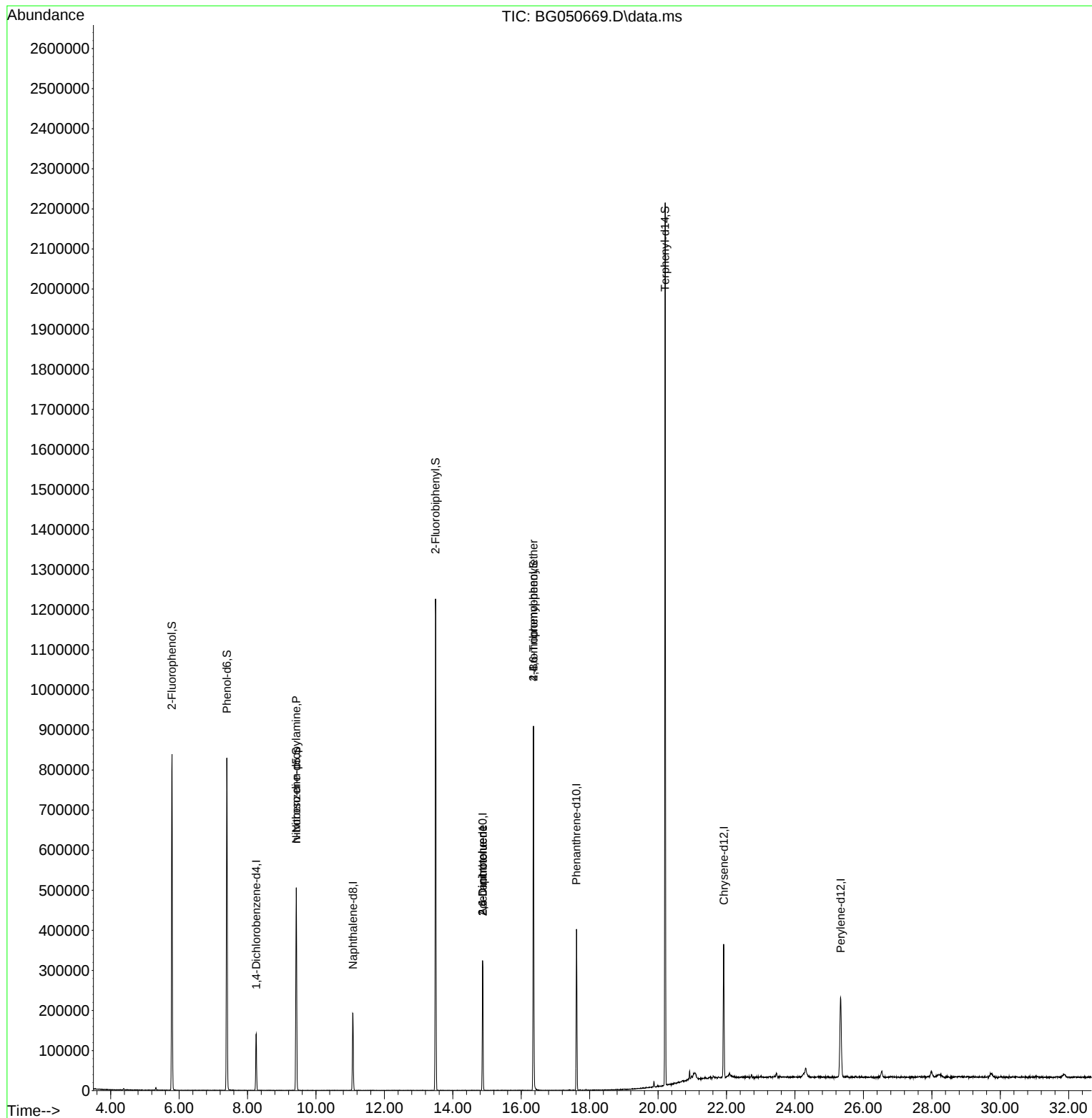
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	37985	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	163955	20.000	ng	# 0.00
39) Acenaphthene-d10	14.870	164	113437	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	252403	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	203488	20.000	ng	# 0.00
86) Perylene-d12	25.334	264	193051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	345617	136.075	ng	0.00
7) Phenol-d6	7.396	99	464357	126.276	ng	0.00
23) Nitrobenzene-d5	9.423	82	331590	83.721	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	134078	123.918	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	612597	81.277	ng	-0.01
79) Terphenyl-d14	20.205	244	956424	91.598	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.402	77	911	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.423	70	46090	17.196	ng	# 74
51) 2,6-Dinitrotoluene	14.870	165	14824	8.632	ng	# 10
57) 2,4-Dinitrotoluene	14.870	165	14824	6.124	ng	# 15
67) 4-Bromophenyl-phenylether	16.356	248	10961	4.310	ng	# 1

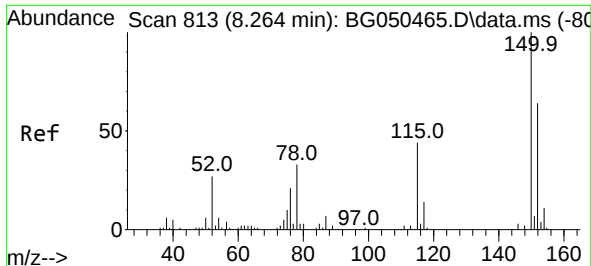
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

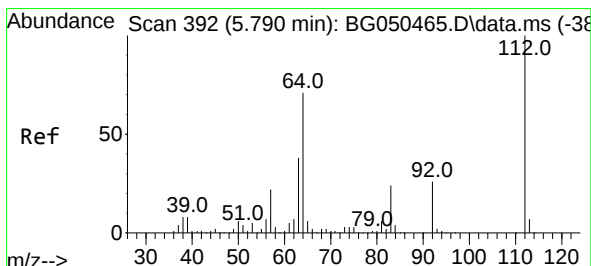
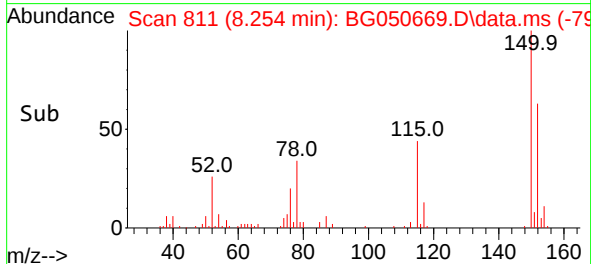
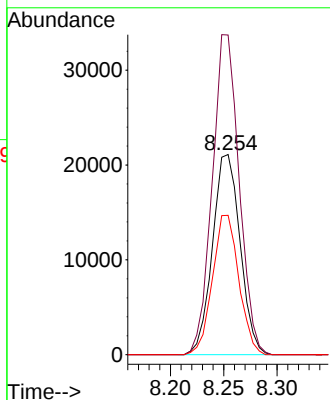
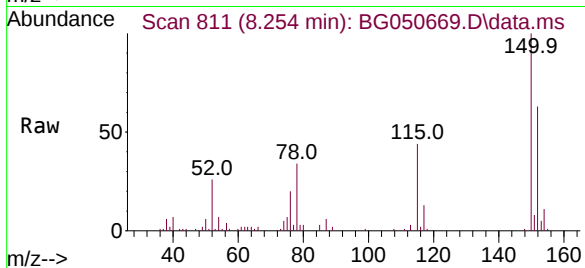




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

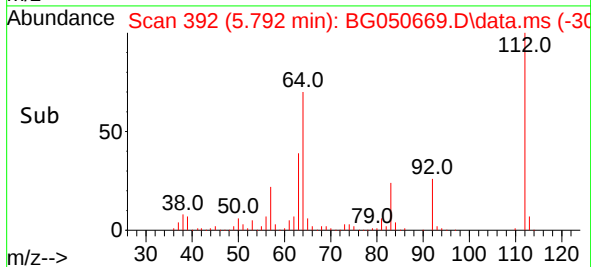
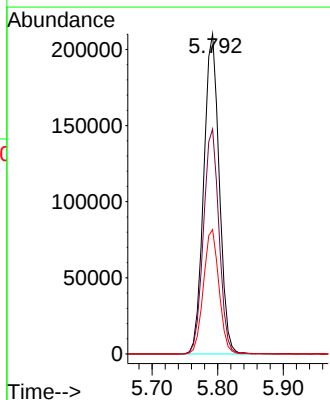
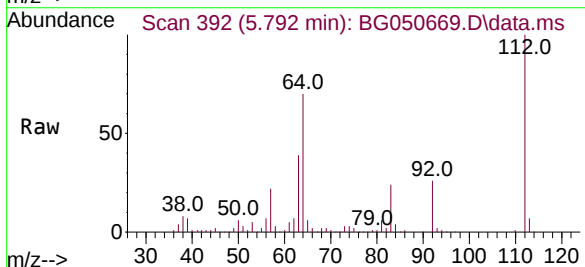
Instrument :
BNA_G
ClientSampleId :
PB140074BL

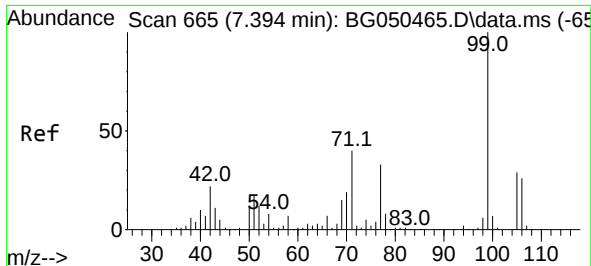
Tgt Ion:152 Resp: 37985
Ion Ratio Lower Upper
152 100
150 159.7 119.4 179.0
115 69.6 60.2 90.4



#5
2-Fluorophenol
Concen: 136.075 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

Tgt Ion:112 Resp: 345617
Ion Ratio Lower Upper
112 100
64 70.3 46.7 70.1#
63 38.8 35.3 52.9

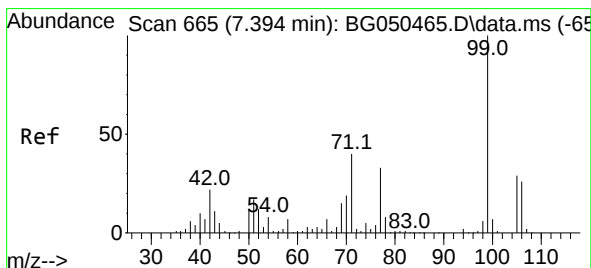
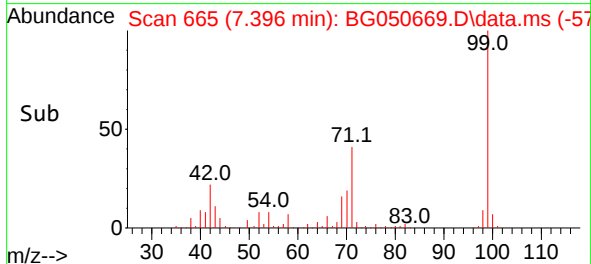
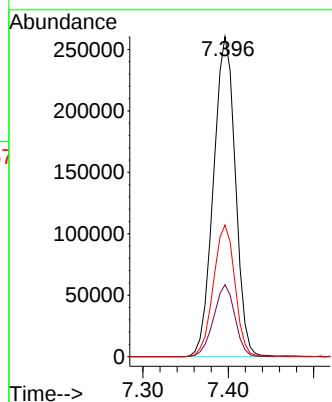
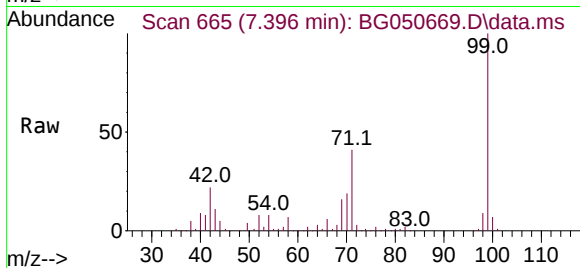




#7
Phenol-d6
Concen: 126.276 ng
RT: 7.396 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

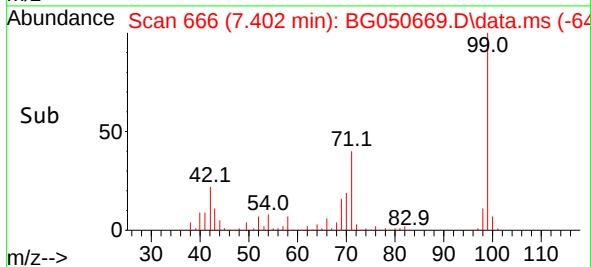
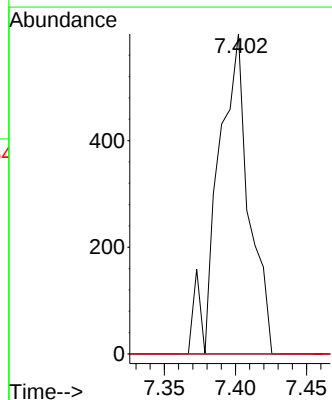
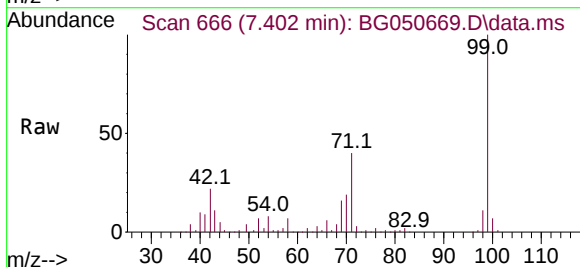
Instrument :
BNA_G
ClientSampleId :
PB140074BL

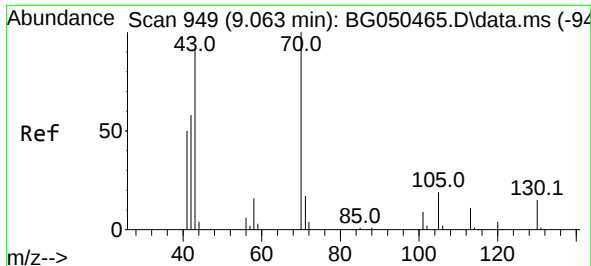
Tgt Ion: 99 Resp: 464357
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 41.1 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.402 min Scan# 666
Delta R.T. 0.013 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

Tgt Ion: 77 Resp: 911
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

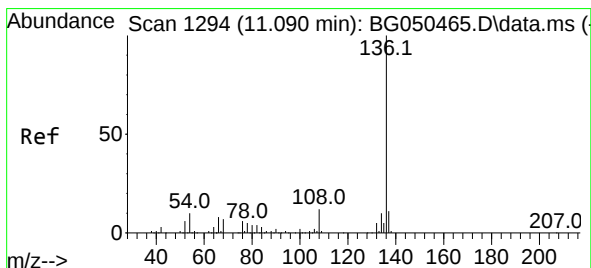
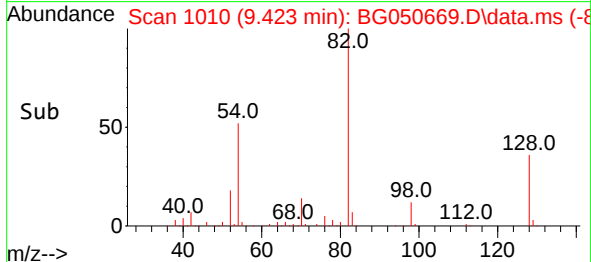
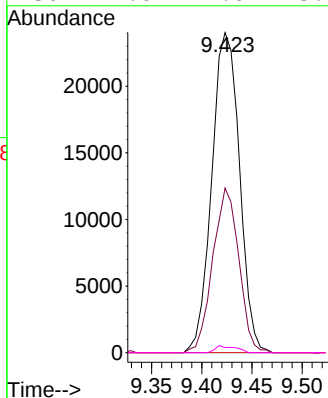
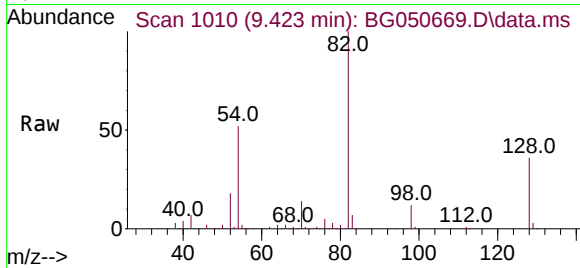




#19
n-Nitroso-di-n-propylamine
Concen: 17.196 ng
RT: 9.423 min Scan# 1010
Delta R.T. 0.366 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

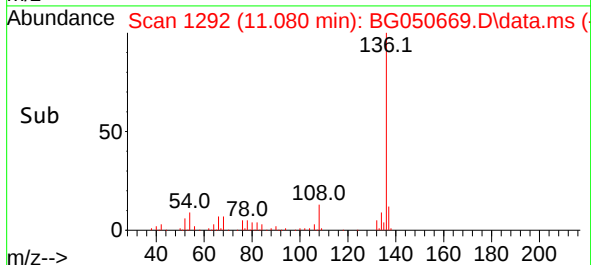
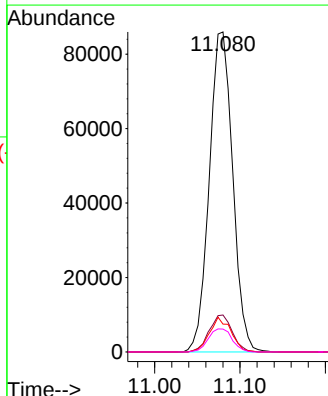
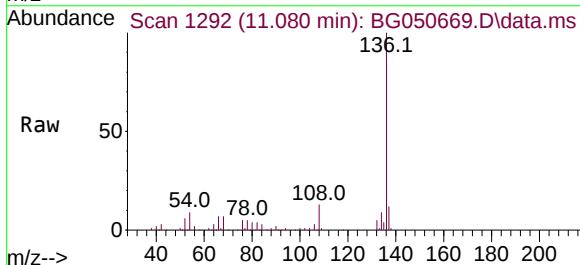
Instrument :
BNA_G
ClientSampleId :
PB140074BL

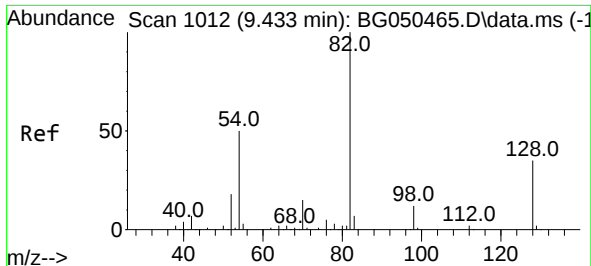
Tgt Ion:	70	Resp:	46090
Ion	Ratio	Lower	Upper
70	100		
42	51.4	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

Tgt Ion:	136	Resp:	163955
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	8.7	5.5	8.3#
68	7.2	2.3	3.5#

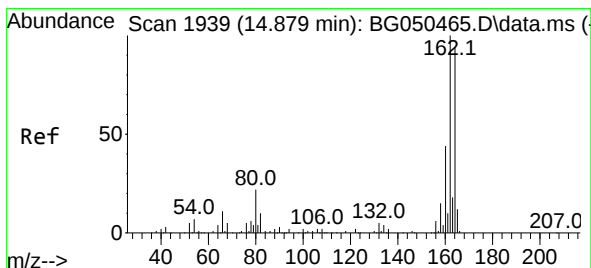
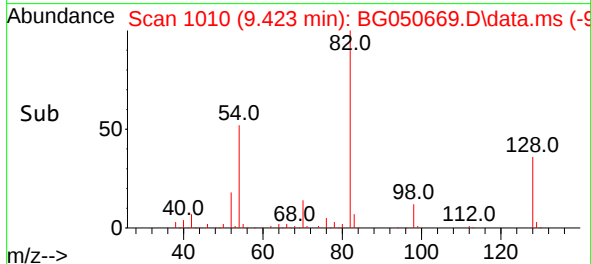
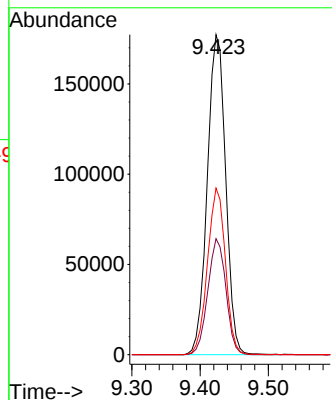
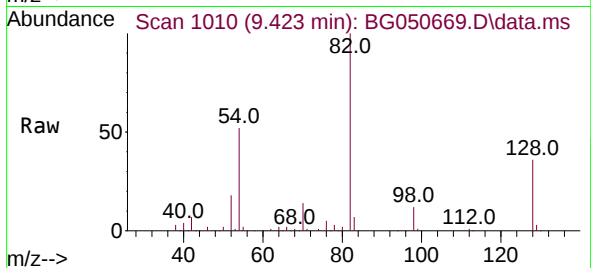




#23
Nitrobenzene-d5
Concen: 83.721 ng
RT: 9.423 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

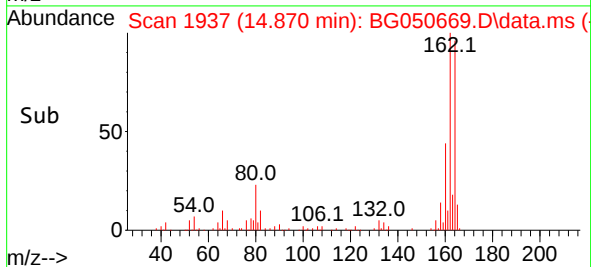
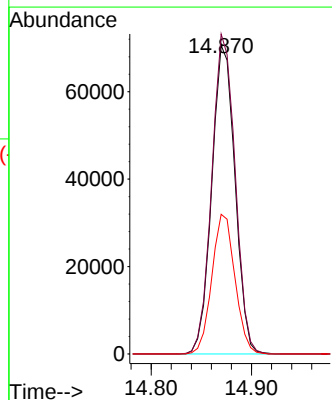
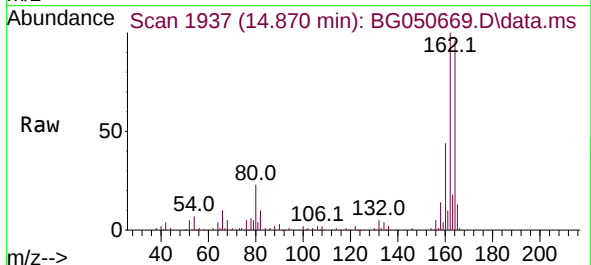
Instrument :
BNA_G
ClientSampleId :
PB140074BL

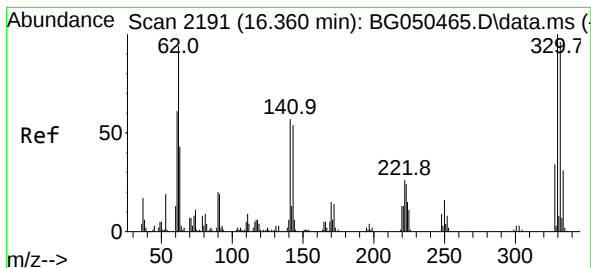
Tgt Ion: 82 Resp: 331590
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 52.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

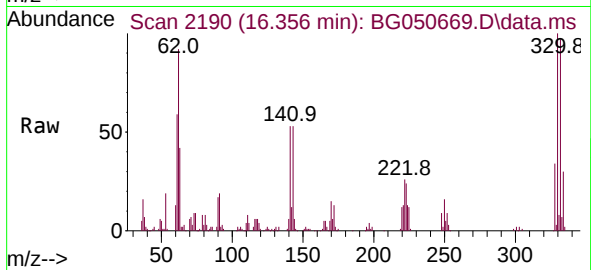
Tgt Ion:164 Resp: 113437
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 45.3 34.9 52.3



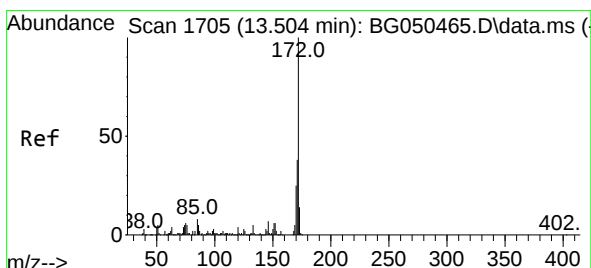
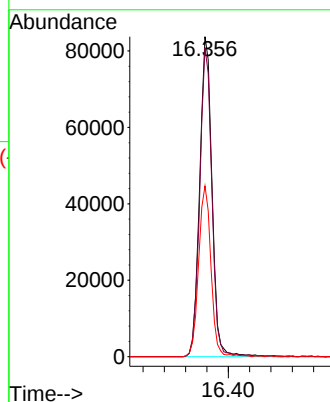
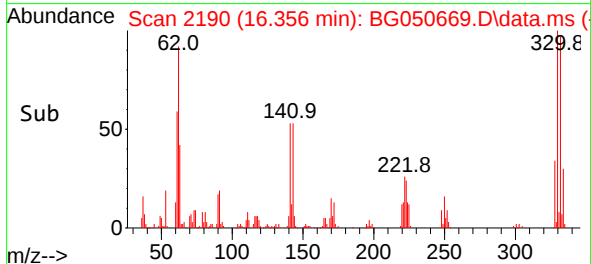


#42
2,4,6-Tribromophenol
Concen: 123.918 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

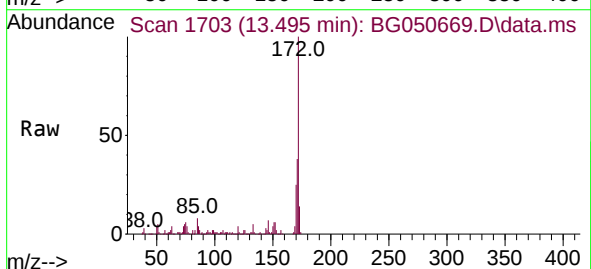
Instrument :
BNA_G
ClientSampleId :
PB140074BL



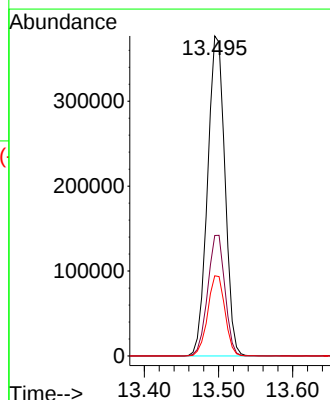
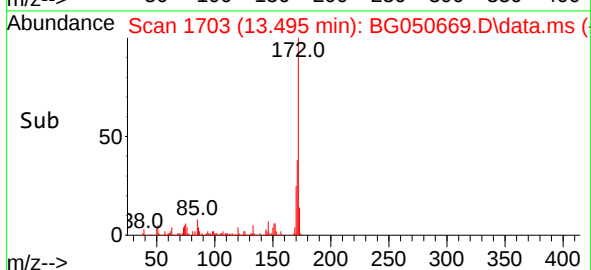
Tgt Ion:330 Resp: 134078
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 53.3 35.6 53.4

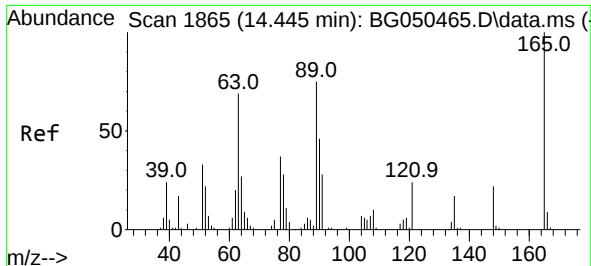


#45
2-Fluorobiphenyl
Concen: 81.277 ng
RT: 13.495 min Scan# 1703
Delta R.T. -0.010 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50



Tgt Ion:172 Resp: 612597
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 25.0 18.6 27.8

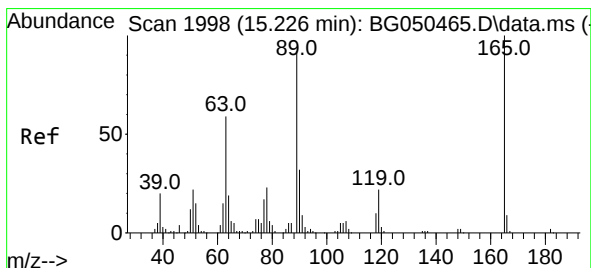
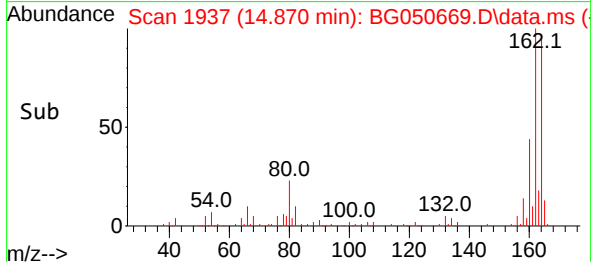
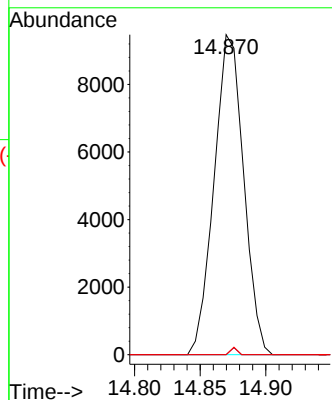
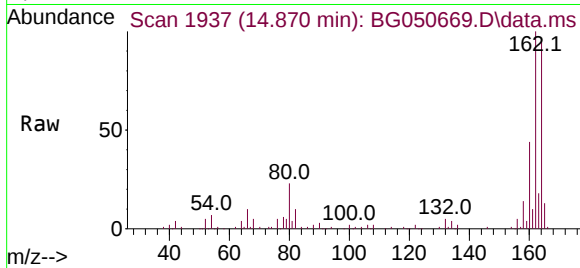




#51
2,6-Dinitrotoluene
Concen: 8.632 ng
RT: 14.870 min Scan# 1937
Delta R.T. 0.425 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

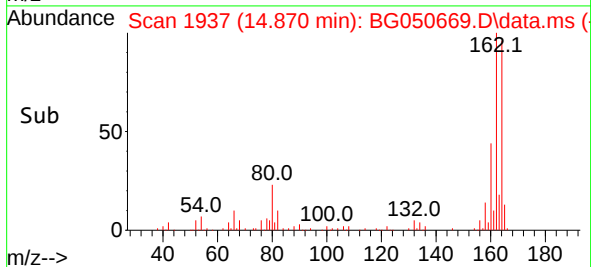
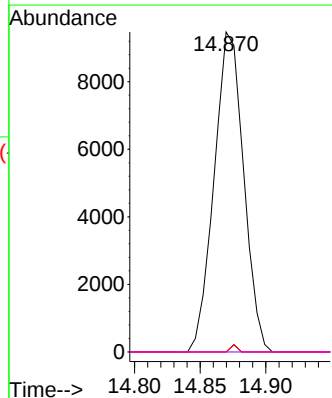
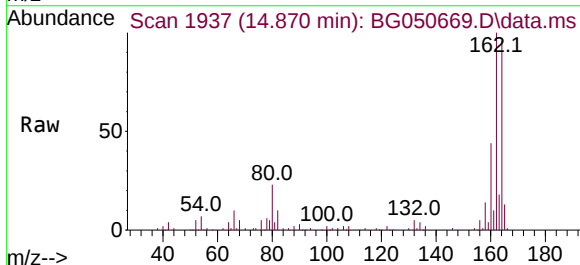
Instrument :
BNA_G
ClientSampleId :
PB140074BL

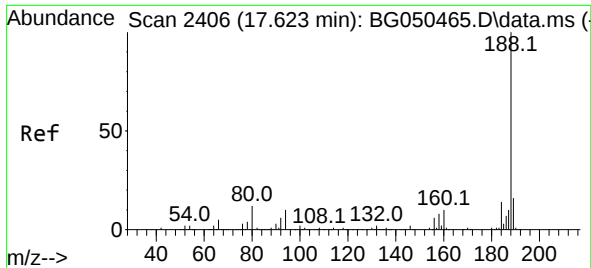
Tgt Ion:165 Resp: 14824
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.124 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.357 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

Tgt Ion:165 Resp: 14824
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

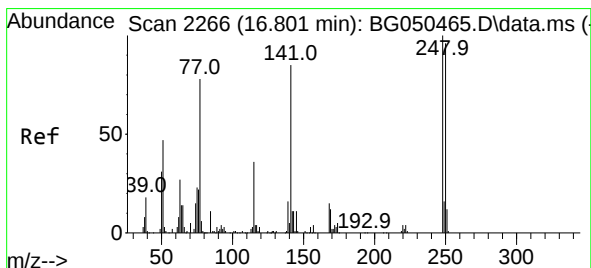
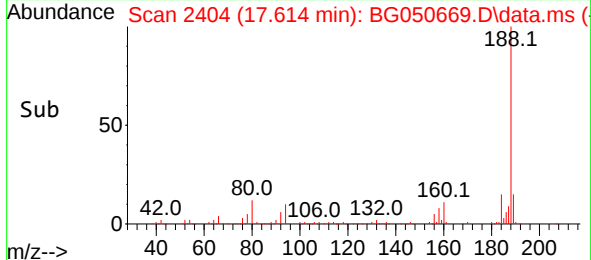
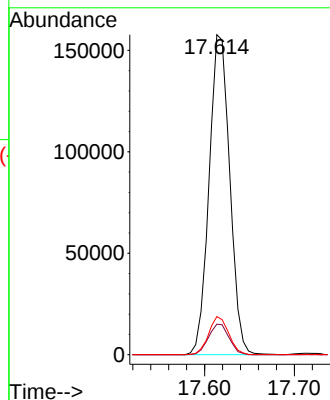
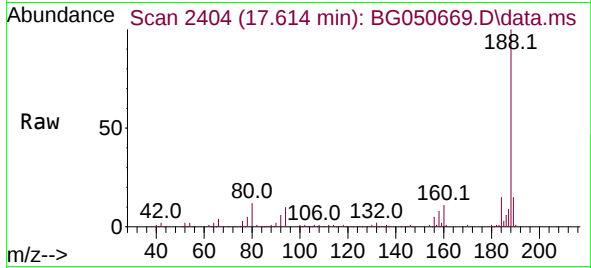




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

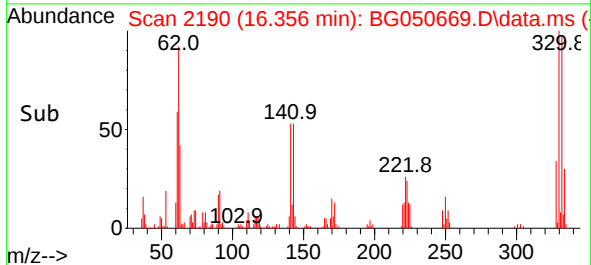
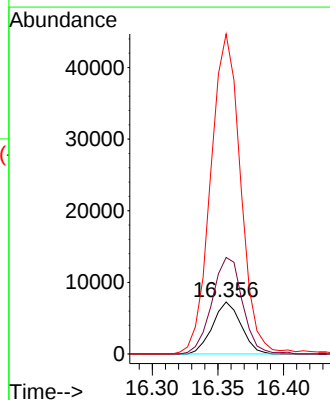
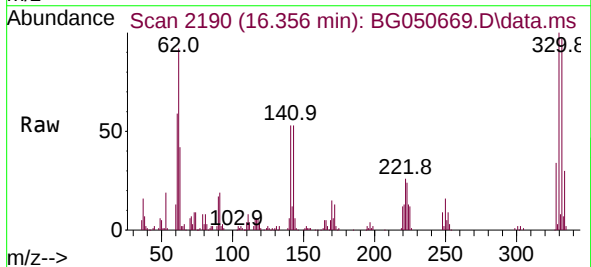
Instrument :
BNA_G
ClientSampleId :
PB140074BL

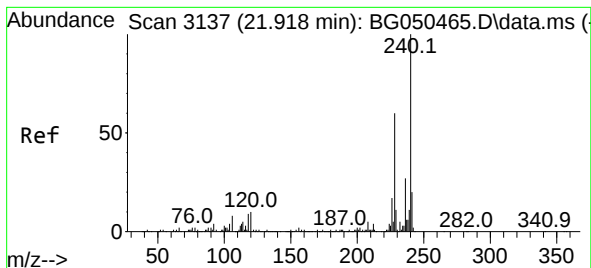
Tgt Ion:188 Resp: 252403
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.310 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

Tgt Ion:248 Resp: 10961
Ion Ratio Lower Upper
248 100
250 185.4 76.1 114.1#
141 614.6 65.4 98.2#

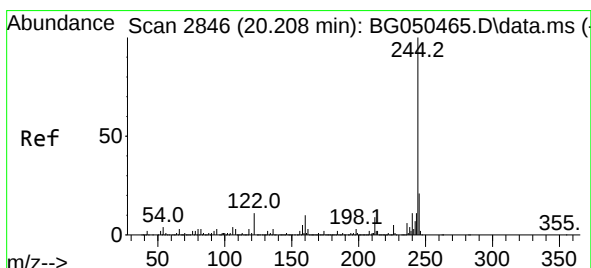
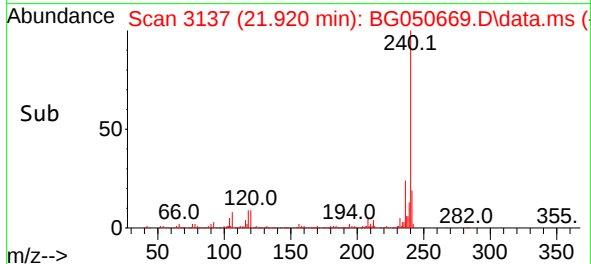
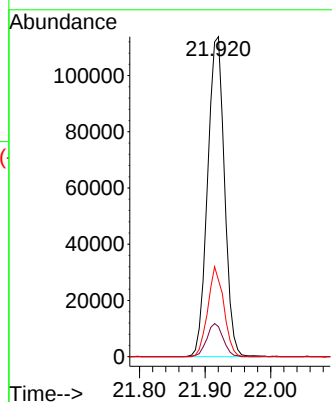
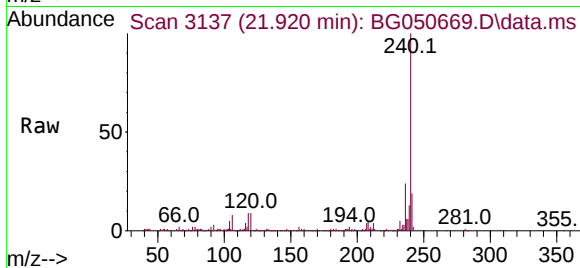




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

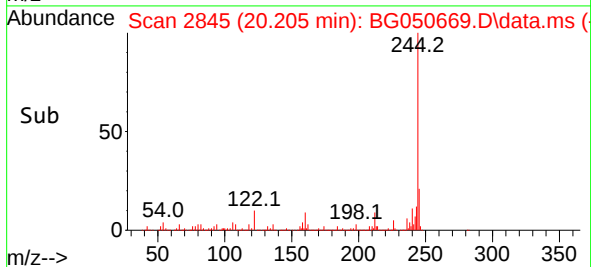
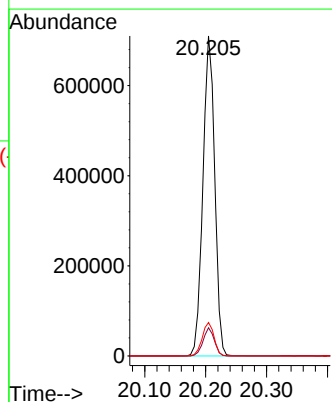
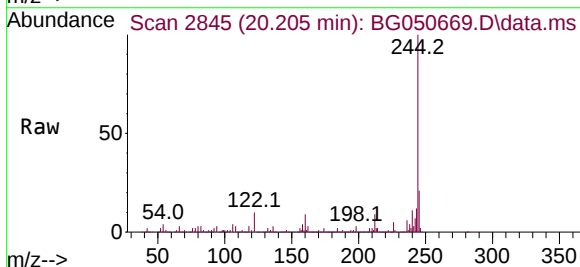
Instrument :
BNA_G
ClientSampleId :
PB140074BL

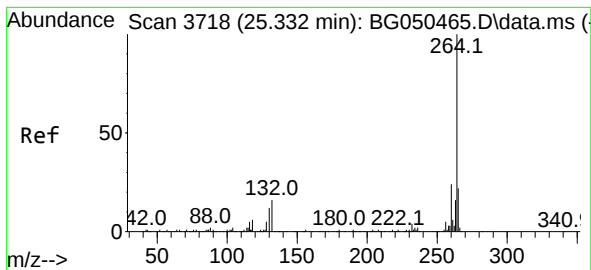
Tgt Ion:240 Resp: 203488
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 24.0 21.8 32.6



#79
Terphenyl-d14
Concen: 91.598 ng
RT: 20.205 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG050669.D
Acq: 21 Oct 2021 15:50

Tgt Ion:244 Resp: 956424
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 10.5 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.334 min Scan# 3718
 Delta R.T. 0.002 min
 Lab File: BG050669.D
 Acq: 21 Oct 2021 15:50

Instrument :
 BNA_G
 ClientSampleId :
 PB140074BL

Tgt Ion:264 Resp: 193051
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.2 16.9 25.3

