

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050687.D
 Acq On : 22 Oct 2021 13:12
 Operator : CG/JU
 Sample : PB140104BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140104BL

Quant Time: Oct 22 14:05:54 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)

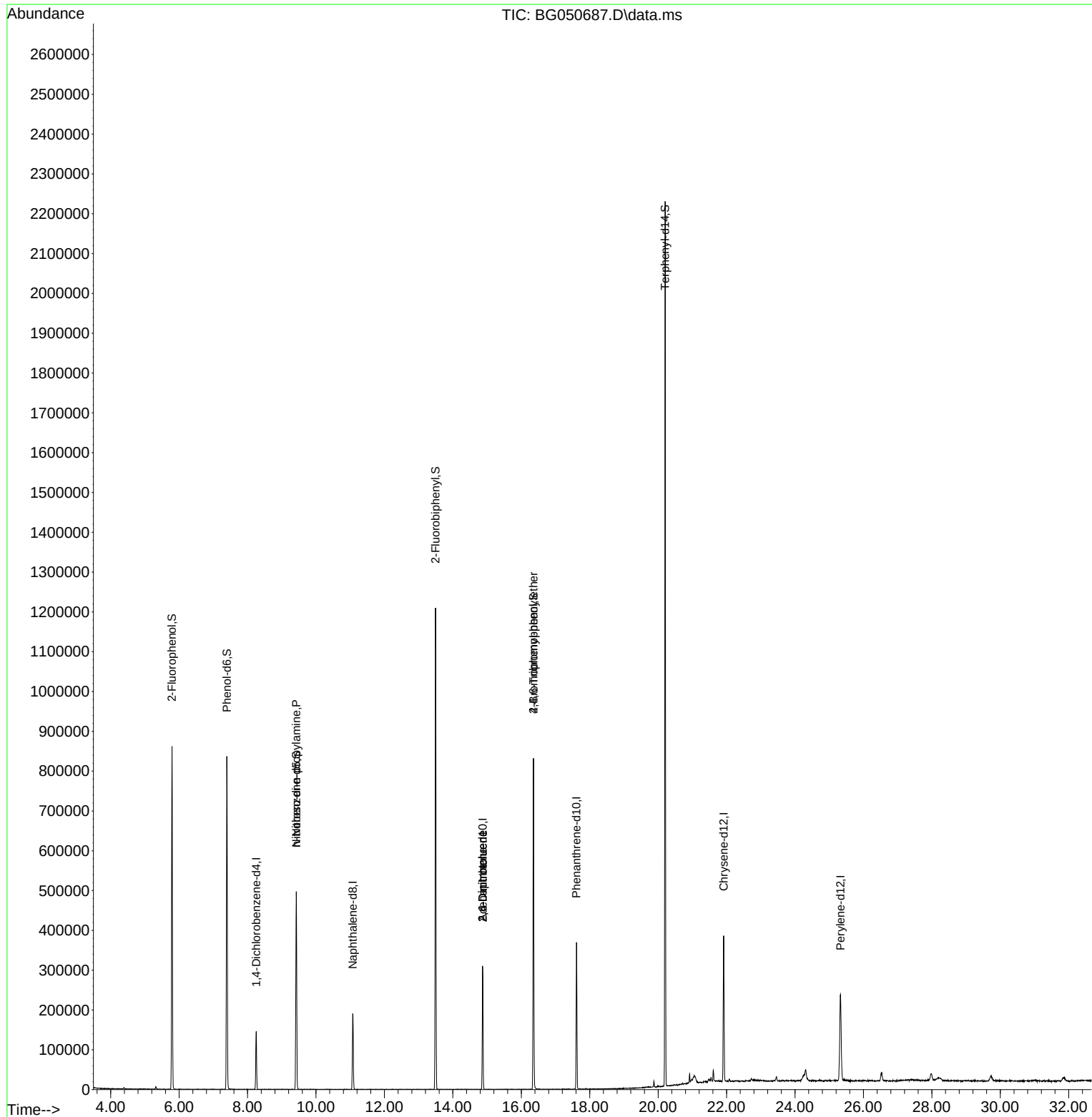
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	37873	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	162296	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	105358	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	232251	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	218832	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	204709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	353074	139.422	ng	0.00
7) Phenol-d6	7.395	99	460913	125.710	ng	0.00
23) Nitrobenzene-d5	9.422	82	327601	83.559	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	121379	120.784	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	594978	84.992	ng	-0.01
79) Terphenyl-d14	20.203	244	970500	86.429	ng	0.00
Target Compounds						
9) Benzaldehyde	7.401	77	1078	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	46587	17.433	ng	# 72
51) 2,6-Dinitrotoluene	14.868	165	13688	8.581	ng	# 11
57) 2,4-Dinitrotoluene	14.868	165	13688	6.088	ng	# 16
67) 4-Bromophenyl-phenylether	16.355	248	9858	4.212	ng	# 1

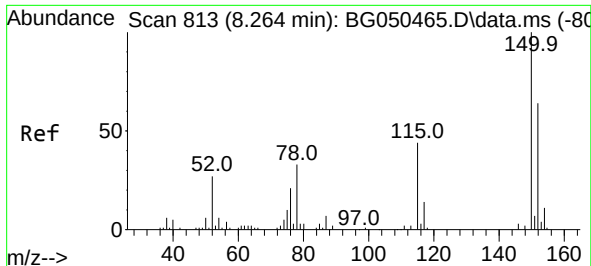
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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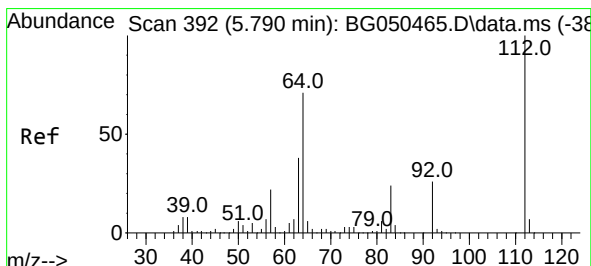
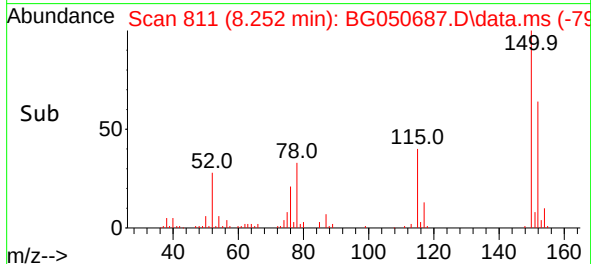
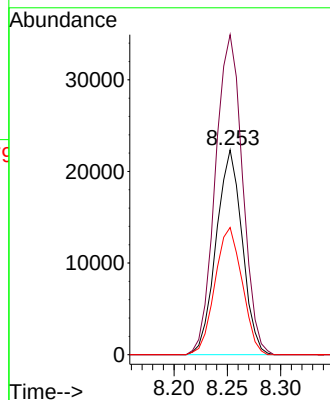
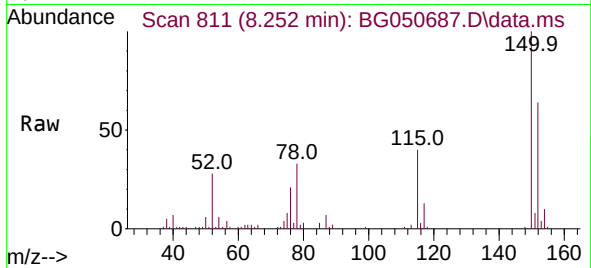




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

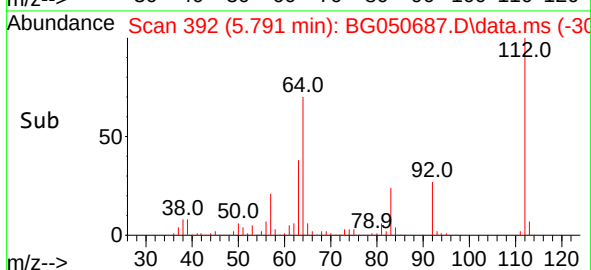
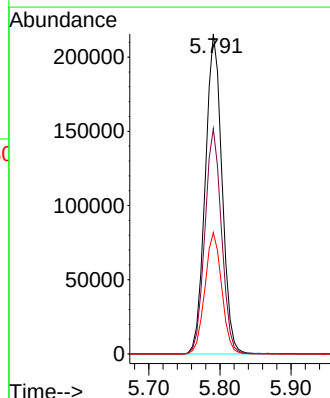
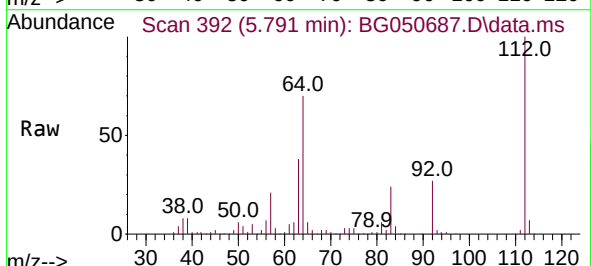
Instrument :
BNA_G
ClientSampleId :
PB140104BL

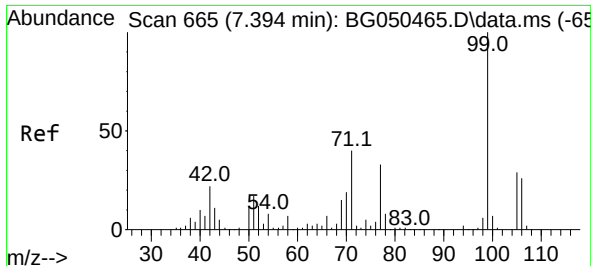
Tgt Ion:152 Resp: 37873
Ion Ratio Lower Upper
152 100
150 156.3 119.4 179.0
115 62.1 60.2 90.4



#5
2-Fluorophenol
Concen: 139.422 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

Tgt Ion:112 Resp: 353074
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 38.0 35.3 52.9

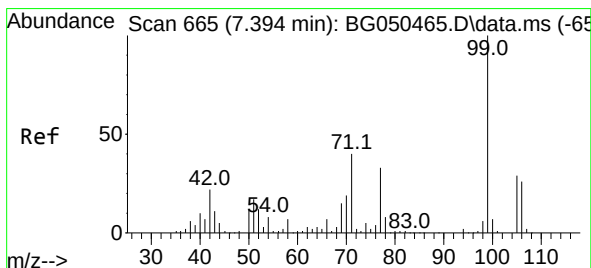
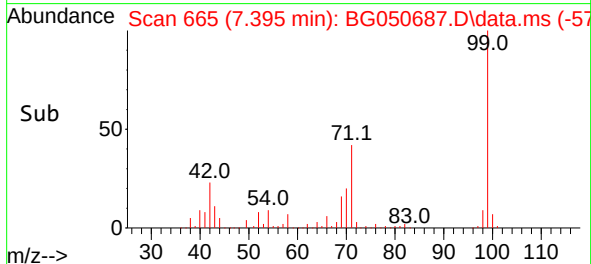
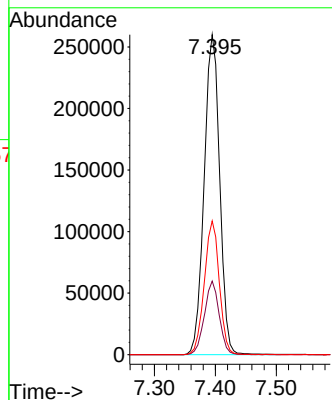
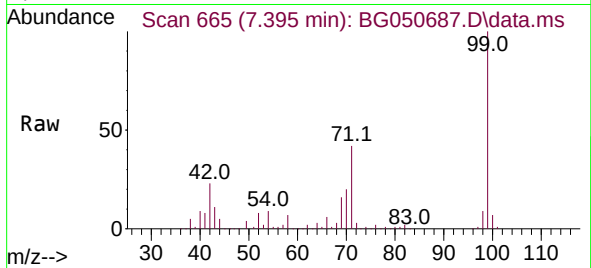




#7
Phenol-d6
Concen: 125.710 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

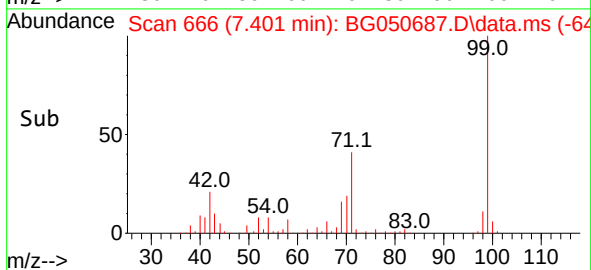
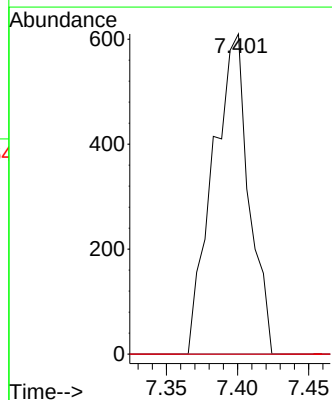
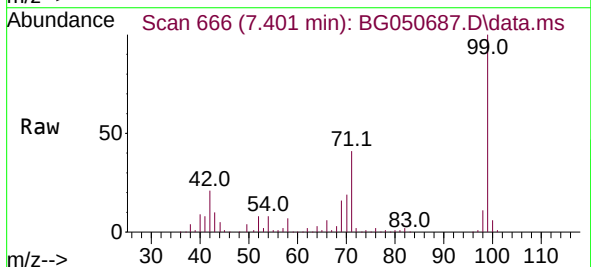
Instrument :
BNA_G
ClientSampleId :
PB140104BL

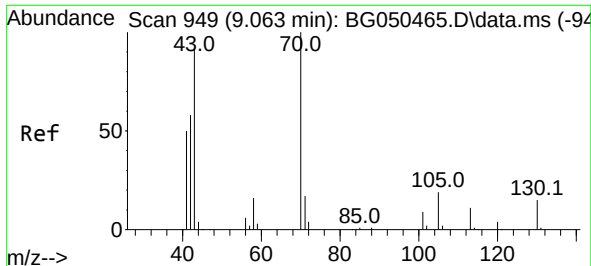
Tgt Ion: 99 Resp: 460913
Ion Ratio Lower Upper
99 100
42 23.0 20.5 30.7
71 41.8 41.5 62.3



#9
Benzaldehyde
Concen: Below Cal
RT: 7.401 min Scan# 666
Delta R.T. 0.012 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

Tgt Ion: 77 Resp: 1078
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

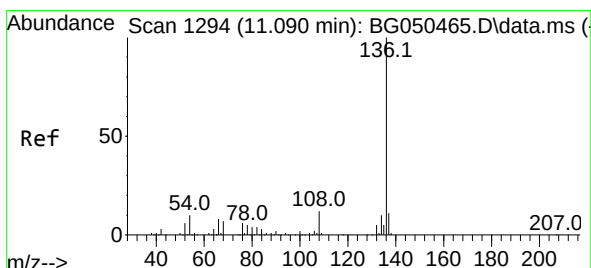
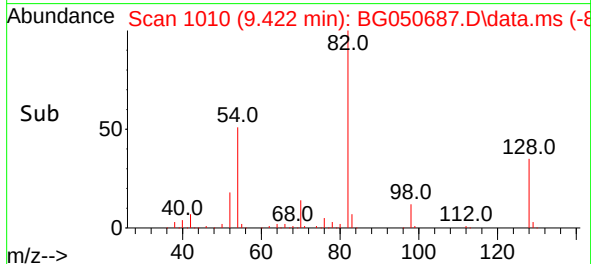
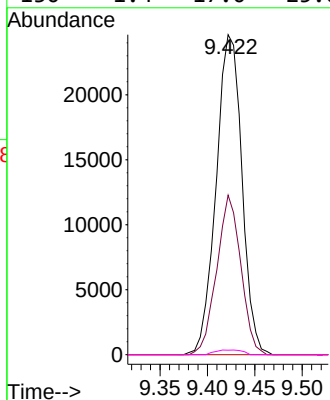
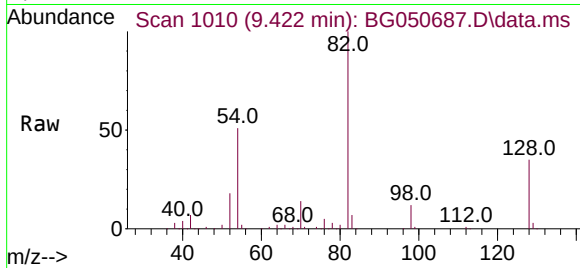




#19
n-Nitroso-di-n-propylamine
Concen: 17.433 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.364 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

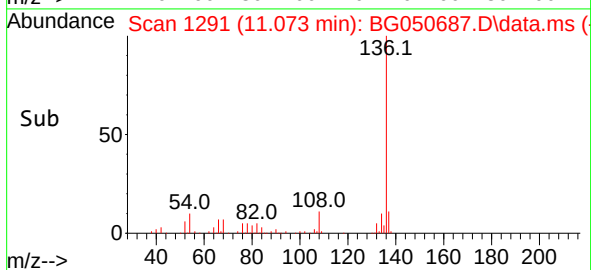
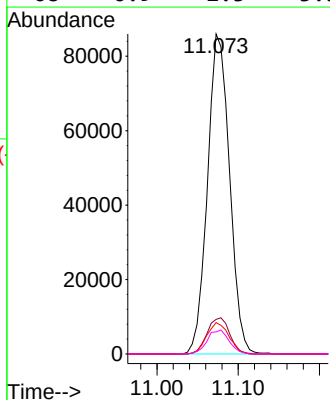
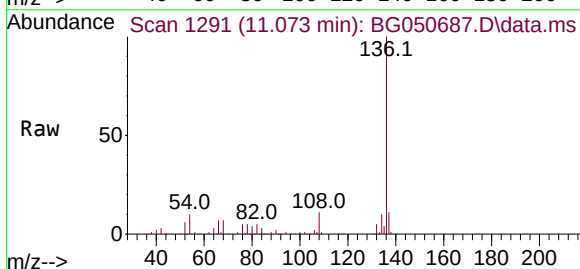
Instrument :
BNA_G
ClientSampleId :
PB140104BL

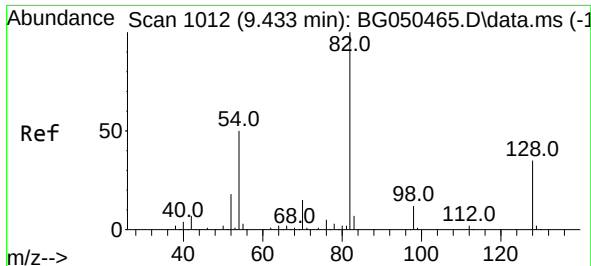
Tgt Ion: 70 Resp: 46587
Ion Ratio Lower Upper
70 100
42 49.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

Tgt Ion:136 Resp: 162296
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 9.8 5.5 8.3#
68 6.9 2.3 3.5#

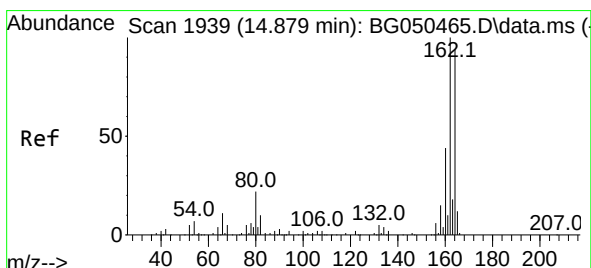
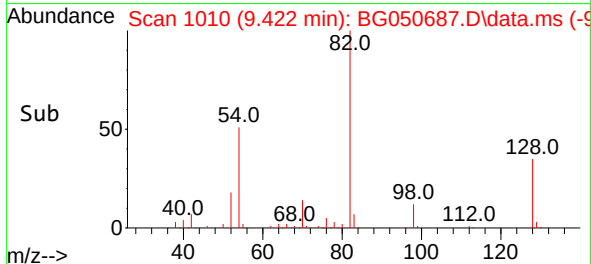
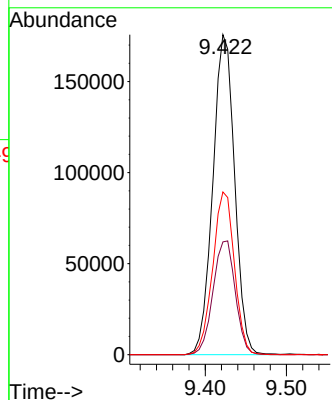
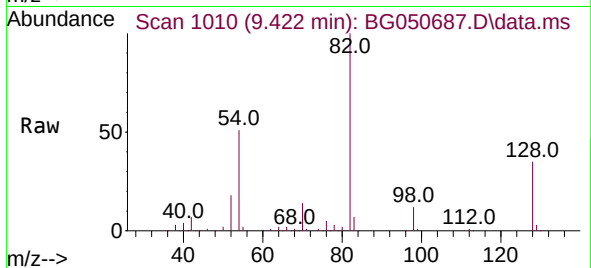




#23
Nitrobenzene-d5
Concen: 83.559 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

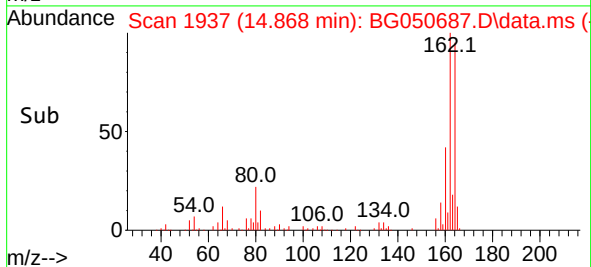
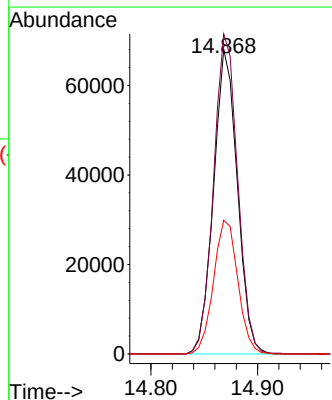
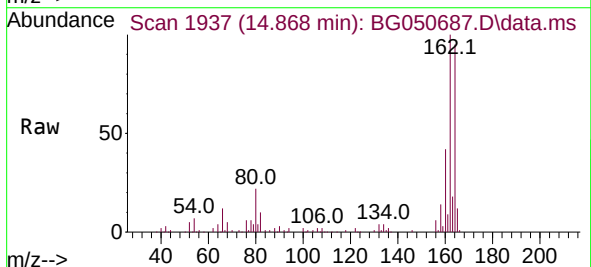
Instrument :
BNA_G
ClientSampleId :
PB140104BL

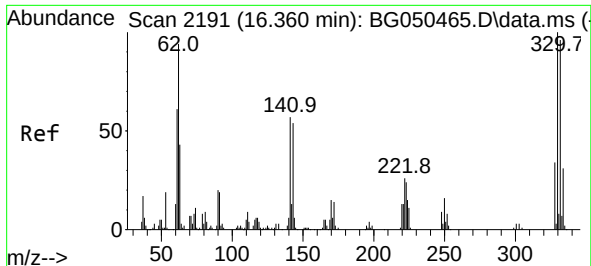
Tgt Ion: 82 Resp: 327601
Ion Ratio Lower Upper
82 100
128 35.2 29.8 44.6
54 50.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

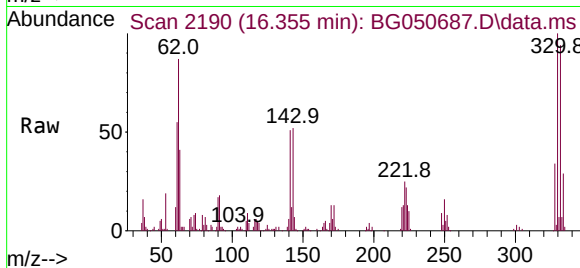
Tgt Ion:164 Resp: 105358
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 43.8 34.9 52.3



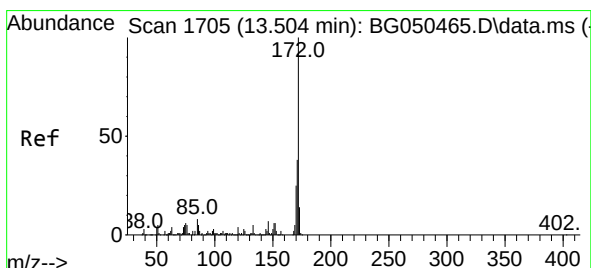
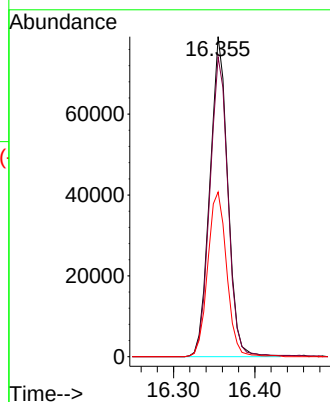
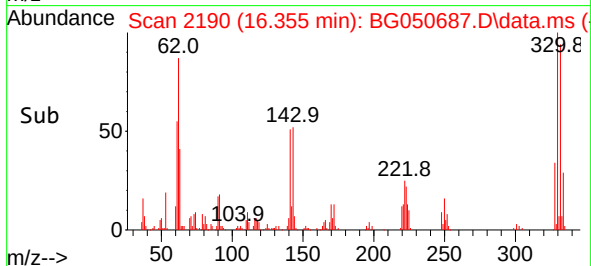


#42
2,4,6-Tribromophenol
Concen: 120.784 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

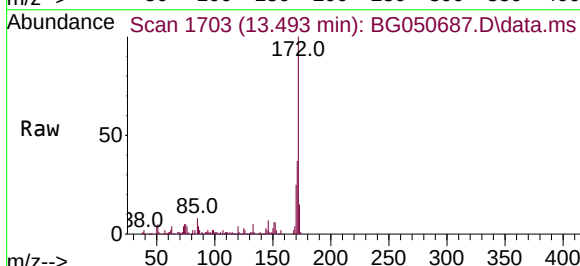
Instrument :
BNA_G
ClientSampleId :
PB140104BL



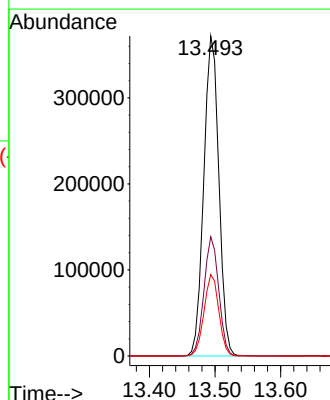
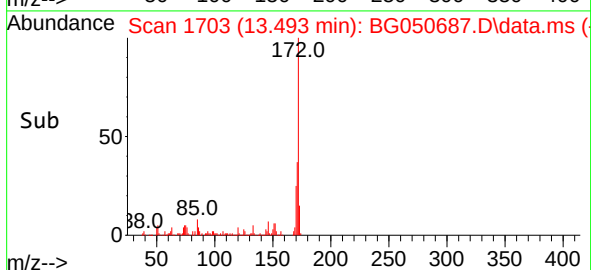
Tgt Ion:330 Resp: 121379
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 54.2 35.6 53.4#

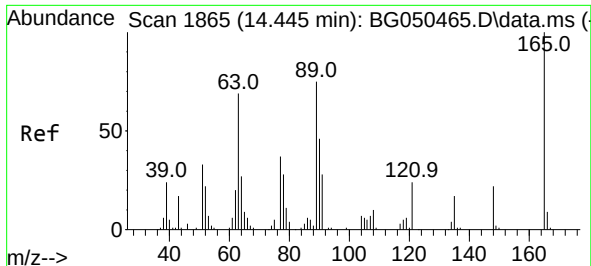


#45
2-Fluorobiphenyl
Concen: 84.992 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12



Tgt Ion:172 Resp: 594978
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 25.5 18.6 27.8

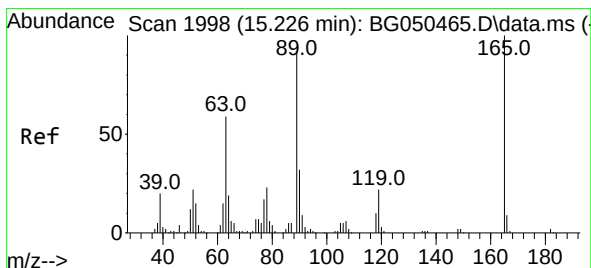
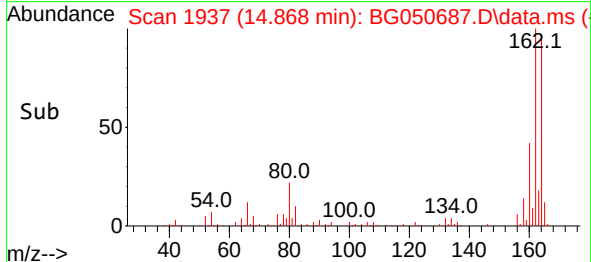
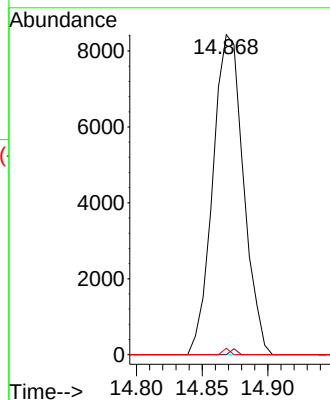
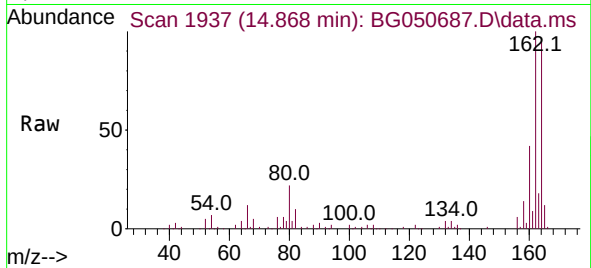




#51
2,6-Dinitrotoluene
Concen: 8.581 ng
RT: 14.868 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

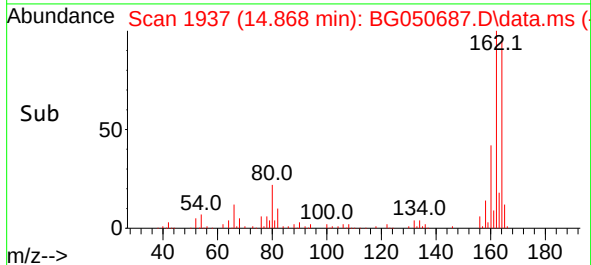
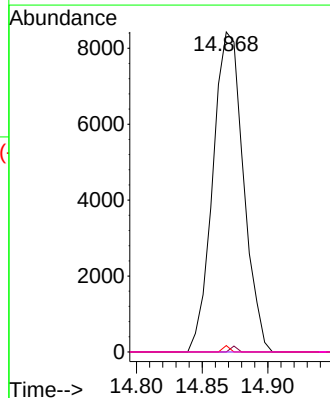
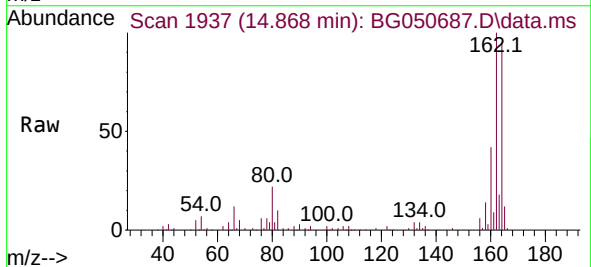
Instrument :
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PB140104BL

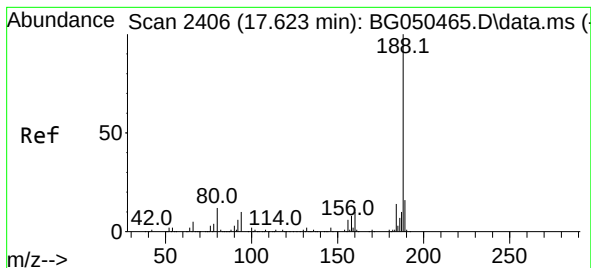
Tgt Ion:165 Resp: 13688
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.088 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

Tgt Ion:165 Resp: 13688
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#

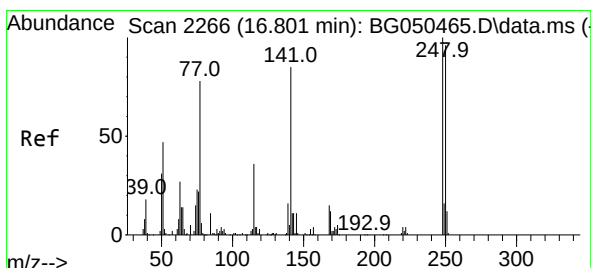
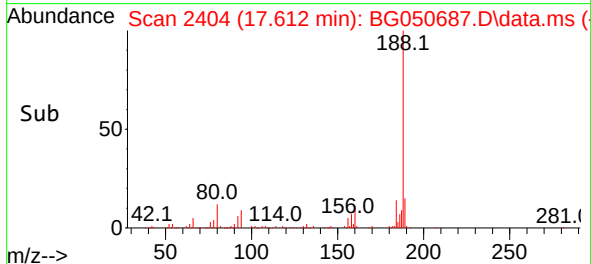
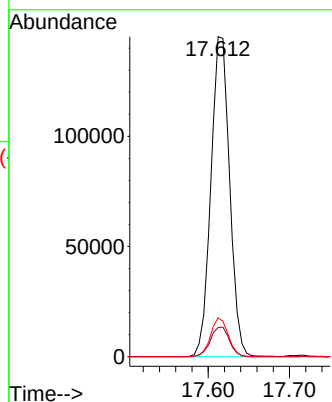
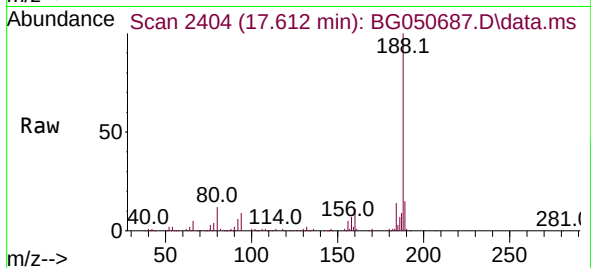




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

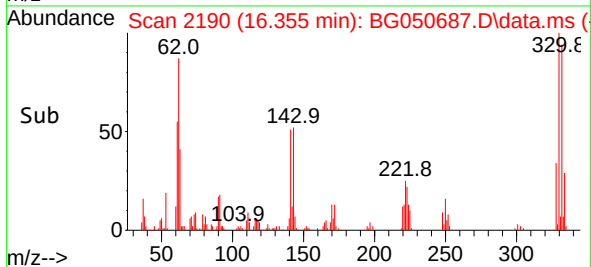
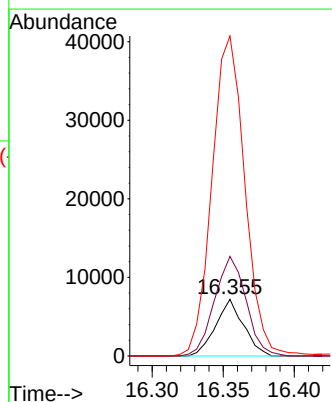
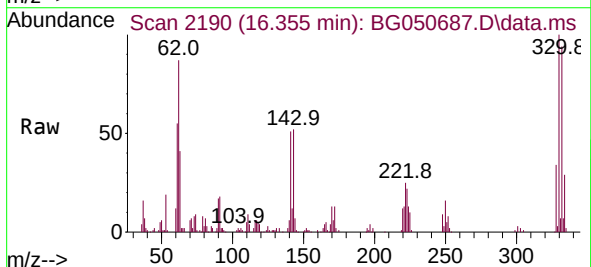
Instrument :
BNA_G
ClientSampleId :
PB140104BL

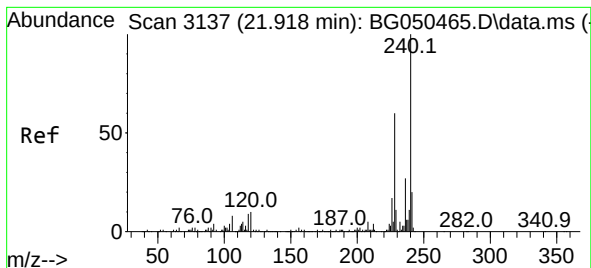
Tgt Ion:188 Resp: 232251
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 12.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.212 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.447 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

Tgt Ion:248 Resp: 9858
Ion Ratio Lower Upper
248 100
250 175.8 76.1 114.1#
141 564.8 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.913 min Scan# 3136

Delta R.T. -0.012 min

Lab File: BG050687.D

Acq: 22 Oct 2021 13:12

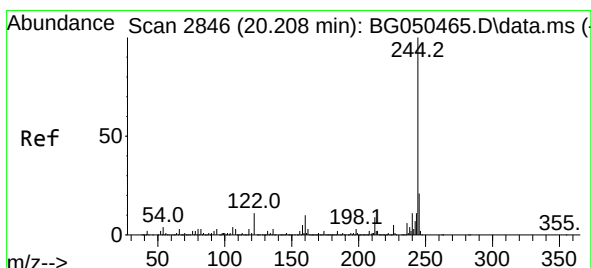
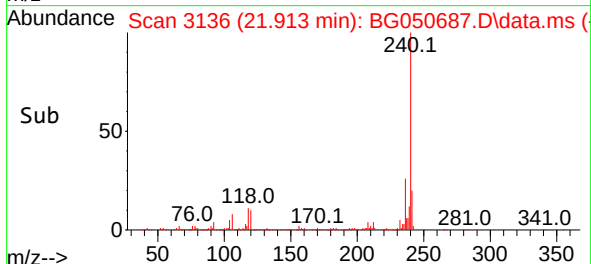
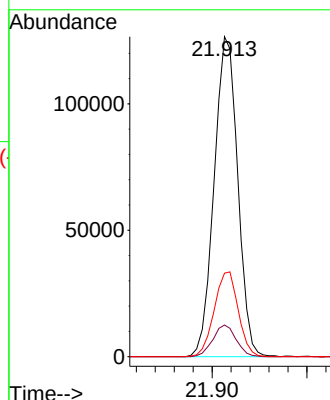
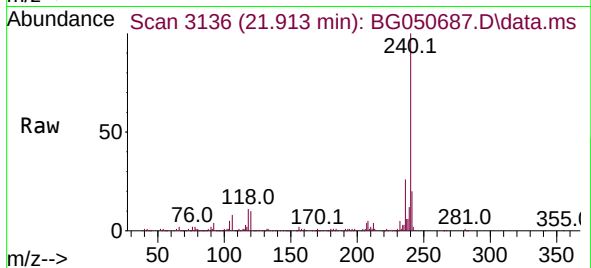
Instrument :

BNA_G

ClientSampleId :

PB140104BL

Tgt Ion:240 Resp: 218832
 Ion Ratio Lower Upper
 240 100
 120 9.9 4.2 6.2#
 236 26.1 21.8 32.6



#79

Terphenyl-d14

Concen: 86.429 ng

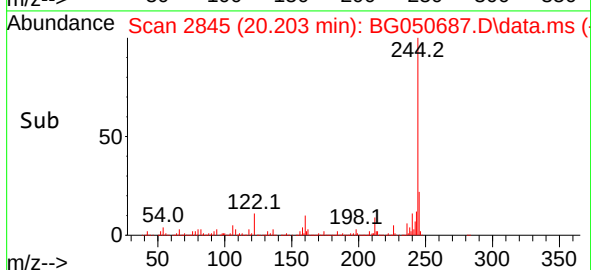
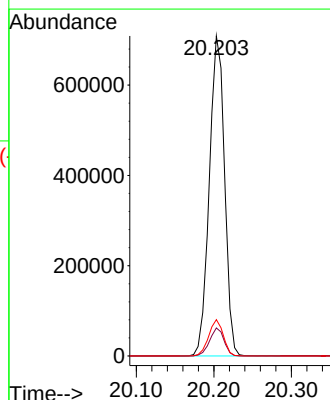
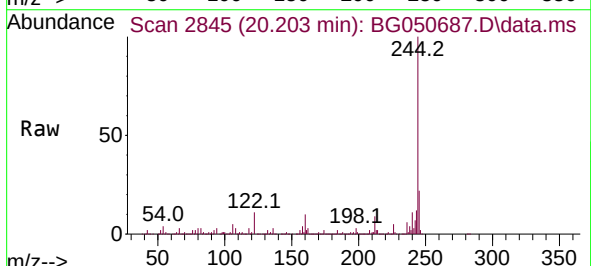
RT: 20.203 min Scan# 2845

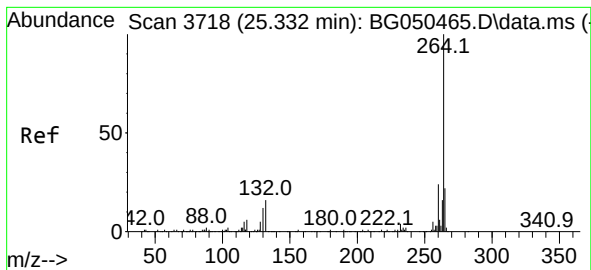
Delta R.T. -0.006 min

Lab File: BG050687.D

Acq: 22 Oct 2021 13:12

Tgt Ion:244 Resp: 970500
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 11.4 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BG050687.D
Acq: 22 Oct 2021 13:12

Instrument :
BNA_G
ClientSampleId :
PB140104BL

Tgt Ion:264 Resp: 204709

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.3	16.9	25.3

