

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049168.D
 Acq On : 2 Jul 2021 15:17
 Operator : CG/JU
 Sample : PB137489TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137489TB

Quant Time: Jul 02 16:09:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

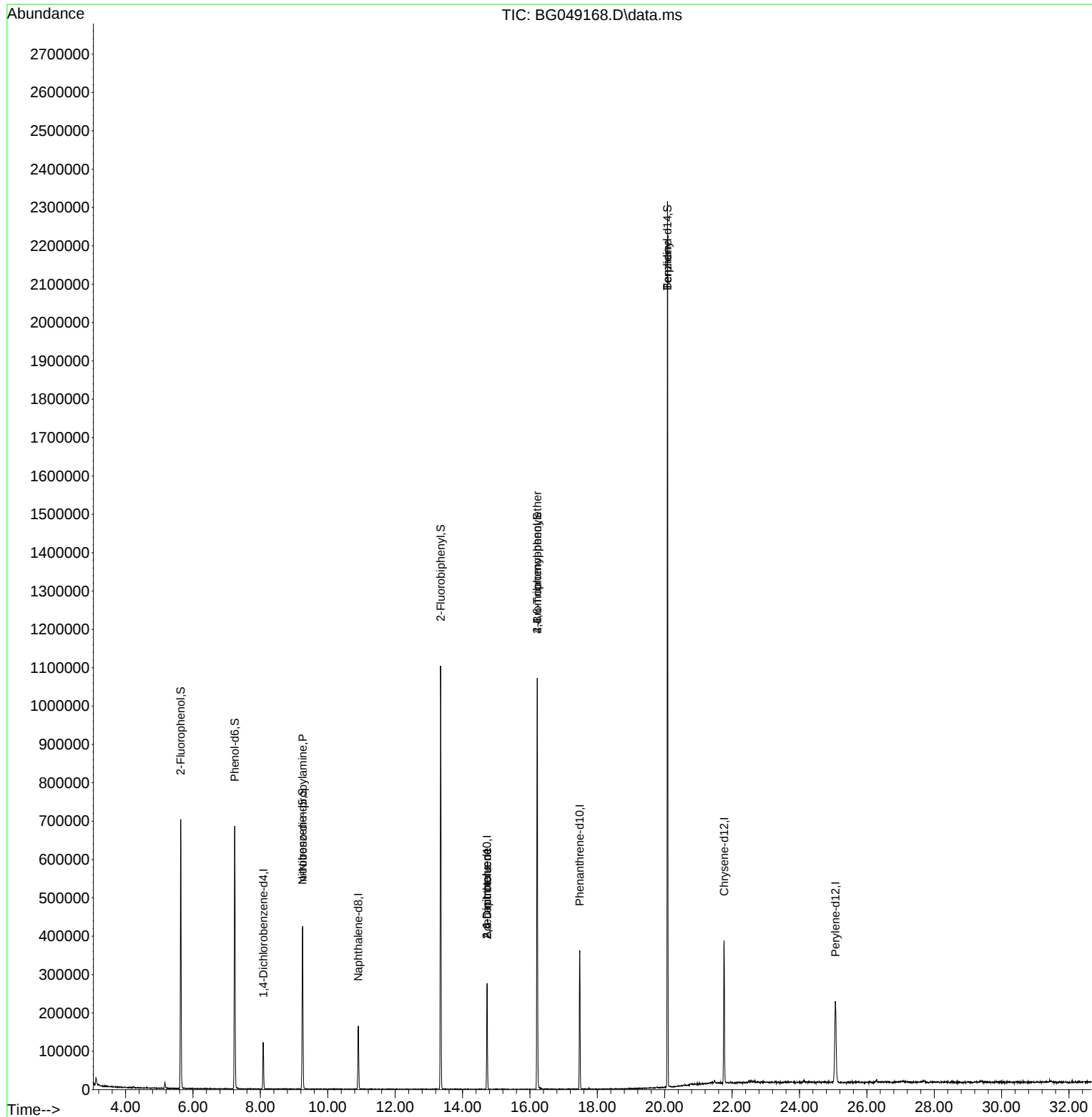
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	32243	20.000	ng	0.00
21) Naphthalene-d8	10.905	136	135147	20.000	ng	# 0.00
39) Acenaphthene-d10	14.730	164	98438	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	232920	20.000	ng	# 0.00
76) Chrysene-d12	21.763	240	241210	20.000	ng	-0.01
86) Perylene-d12	25.065	264	248673	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	268706	130.530	ng	0.00
7) Phenol-d6	7.239	99	350089	119.283	ng	0.00
23) Nitrobenzene-d5	9.248	82	253424	79.503	ng	-0.01
42) 2,4,6-Tribromophenol	16.217	330	207405	121.541	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	574198	78.697	ng	0.00
79) Terphenyl-d14	20.083	244	1120412	78.710	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	38830	18.409	ng	# 68
51) 2,6-Dinitrotoluene	14.730	165	13621	7.521	ng	# 13
57) 2,4-Dinitrotoluene	14.730	165	13621	5.295	ng	# 18
67) 4-Bromophenyl-phenylether	16.217	248	12462	3.966	ng	# 1
77) Benzidine	20.083	184	21397	4.130	ng	94

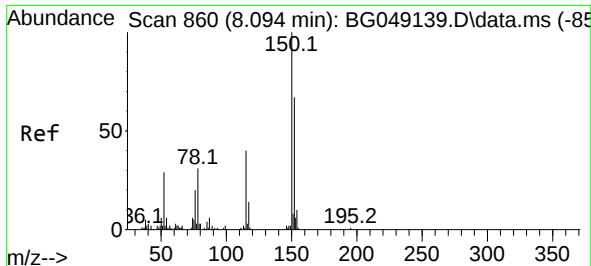
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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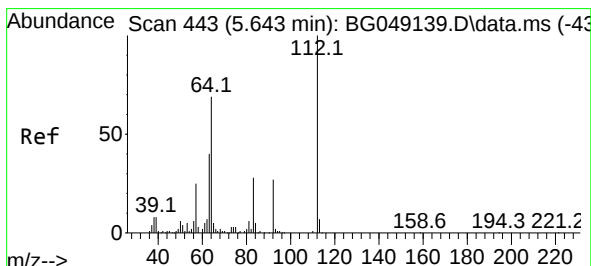
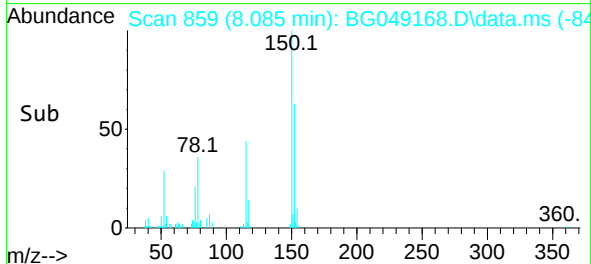
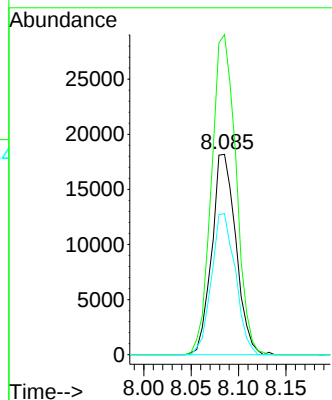
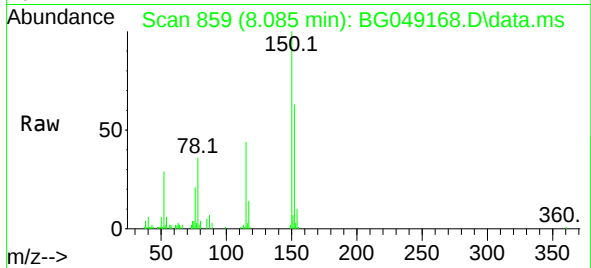




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 859
Delta R.T. -0.009 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

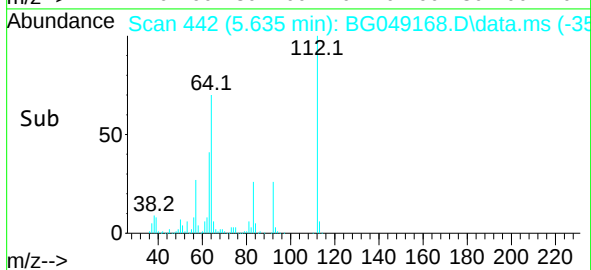
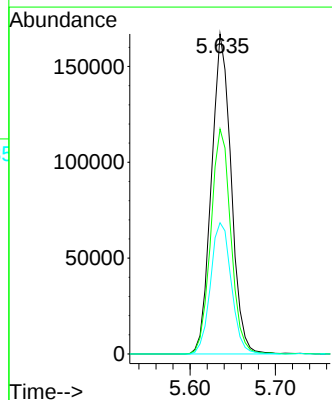
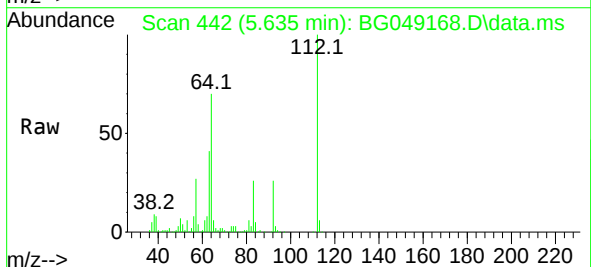
Instrument :
BNA_G
ClientSampleId :
PB137489TB

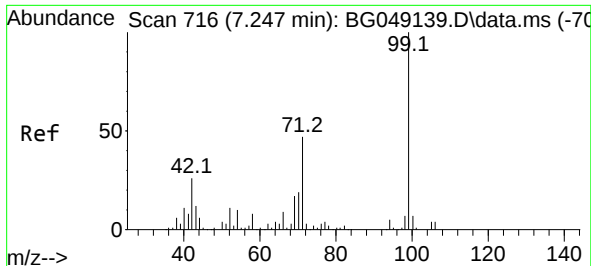
Tgt Ion:152 Resp: 32243
Ion Ratio Lower Upper
152 100
150 159.7 119.4 179.0
115 70.4 60.2 90.4



#5
2-Fluorophenol
Concen: 130.530 ng
RT: 5.635 min Scan# 442
Delta R.T. -0.008 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

Tgt Ion:112 Resp: 268706
Ion Ratio Lower Upper
112 100
64 70.3 46.7 70.1#
63 41.0 35.3 52.9

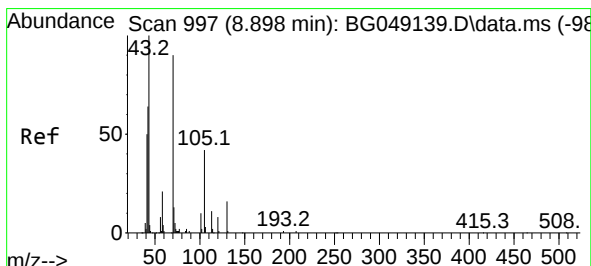
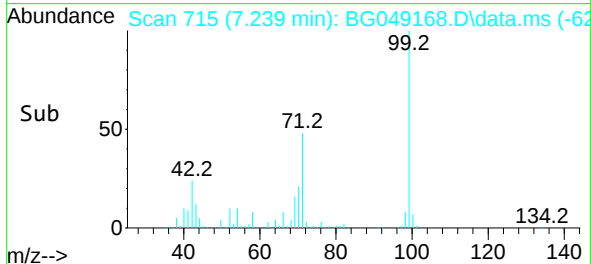
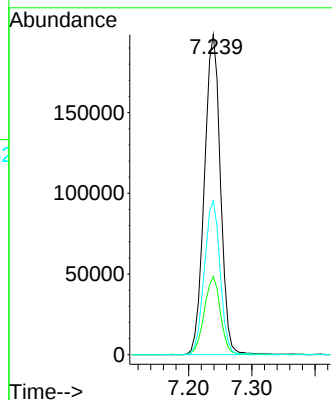
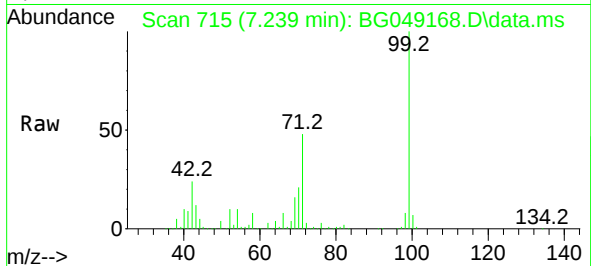




#7
Phenol-d6
Concen: 119.283 ng
RT: 7.239 min Scan# 715
Delta R.T. -0.008 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

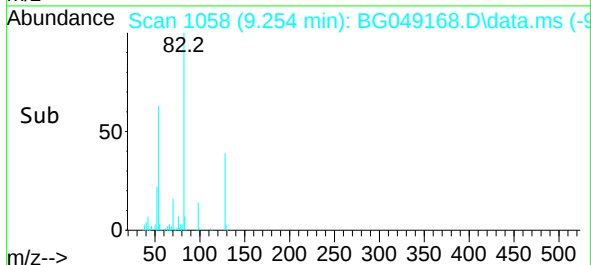
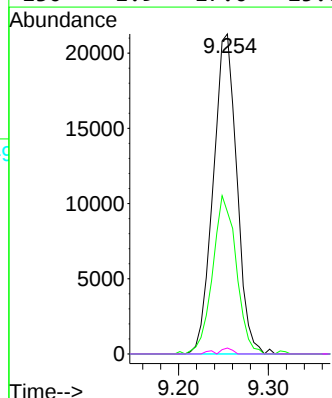
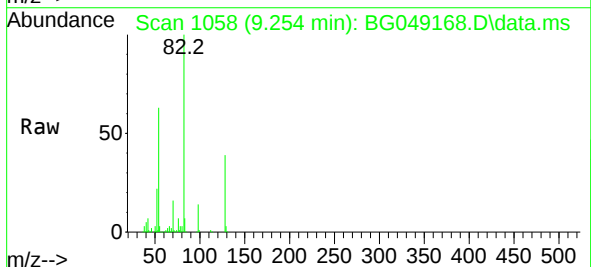
Instrument :
BNA_G
ClientSampleId :
PB137489TB

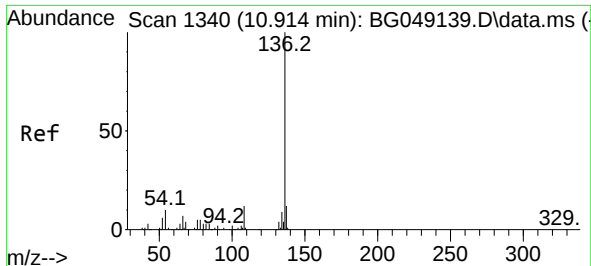
Tgt Ion: 99 Resp: 350089
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 48.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.409 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.356 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

Tgt Ion: 70 Resp: 38830
Ion Ratio Lower Upper
70 100
42 44.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

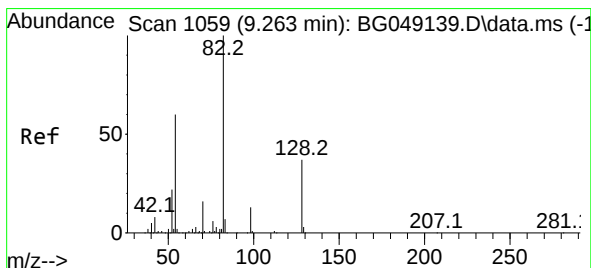
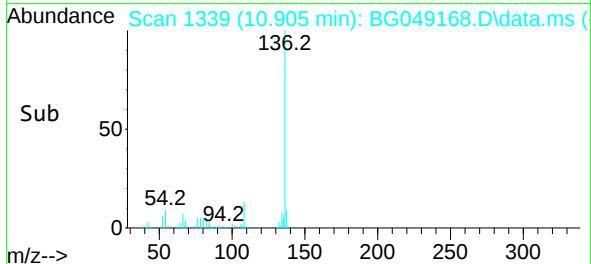
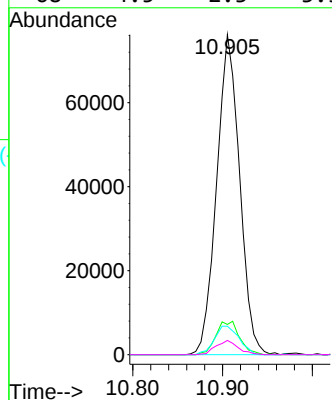
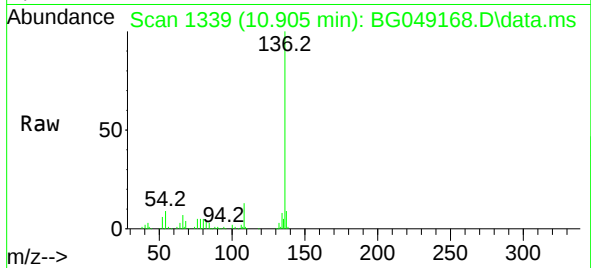




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

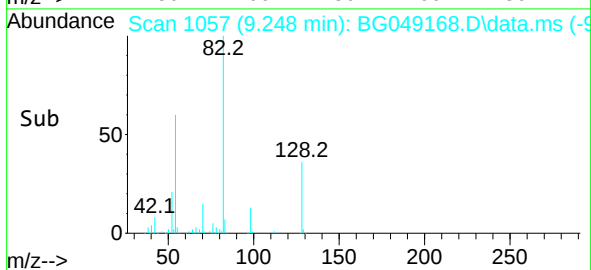
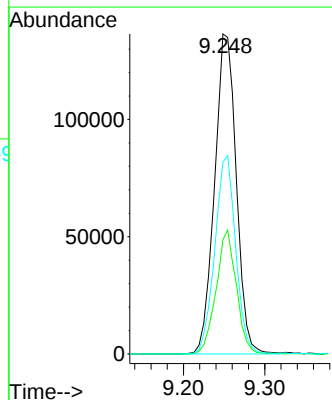
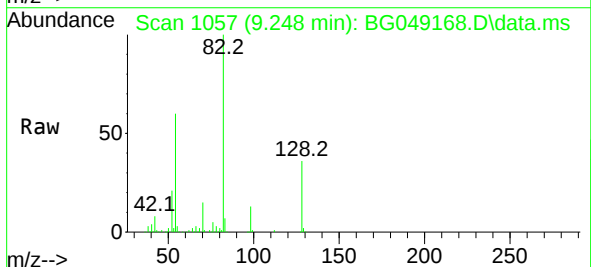
Instrument :
BNA_G
ClientSampleId :
PB137489TB

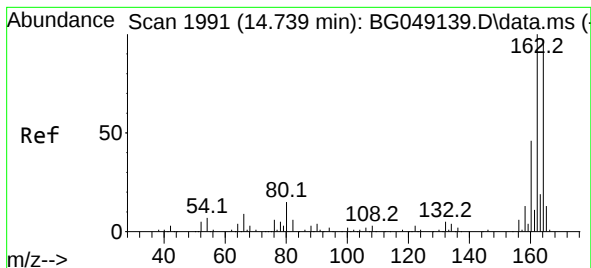
Tgt Ion:	136	Resp:	135147
Ion Ratio	Lower	Upper	
136	100		
137	9.5	8.2	12.2
54	8.9	5.5	8.3#
68	4.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 79.503 ng
RT: 9.248 min Scan# 1057
Delta R.T. -0.014 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

Tgt Ion:	82	Resp:	253424
Ion Ratio	Lower	Upper	
82	100		
128	35.7	29.8	44.6
54	60.0	45.8	68.8

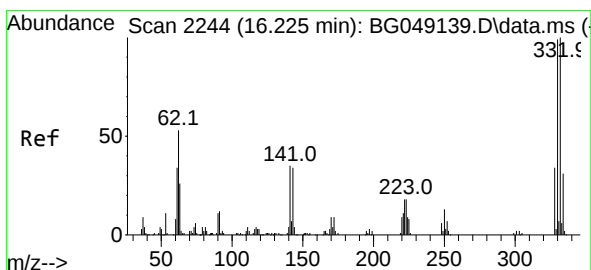
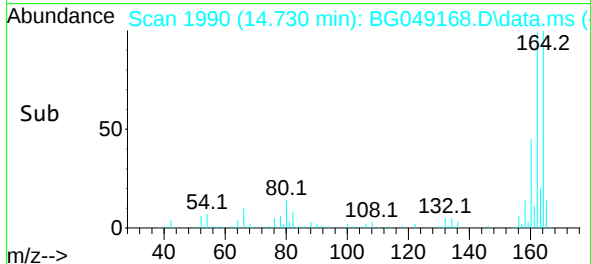
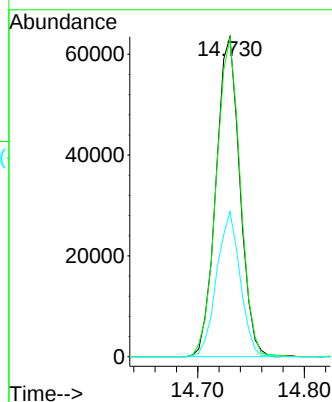
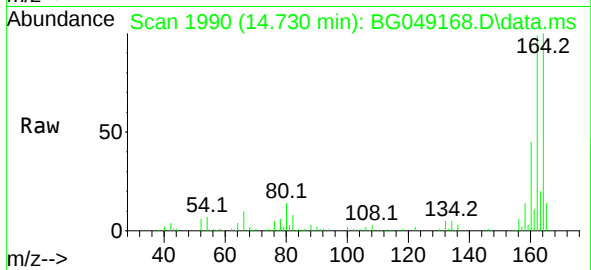




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.009 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

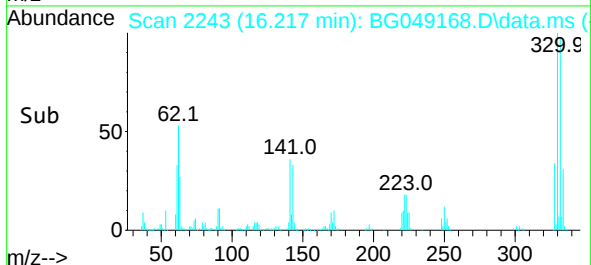
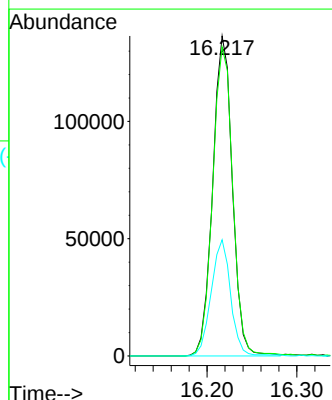
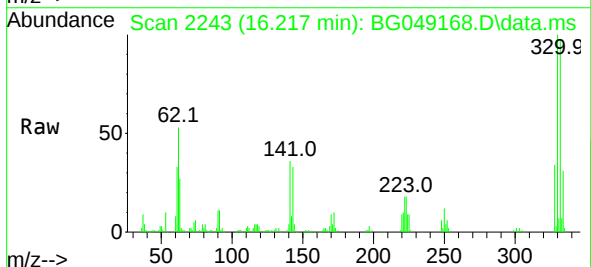
Instrument :
BNA_G
ClientSampleId :
PB137489TB

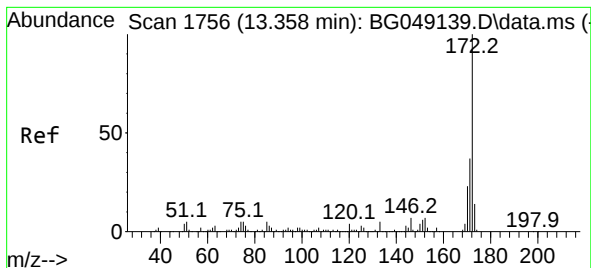
Tgt Ion:164 Resp: 98438
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 45.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 121.541 ng
RT: 16.217 min Scan# 2243
Delta R.T. -0.008 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

Tgt Ion:330 Resp: 207405
Ion Ratio Lower Upper
330 100
332 99.0 77.3 115.9
141 36.1 35.6 53.4

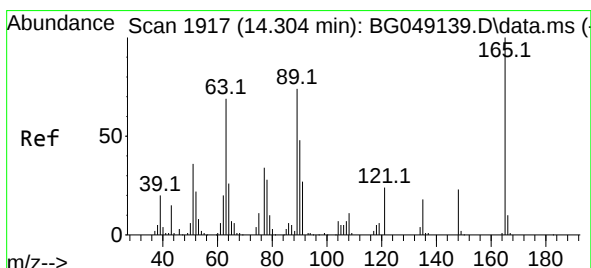
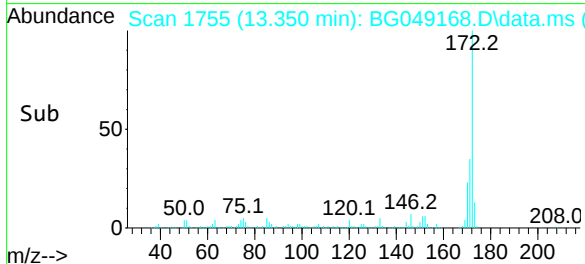
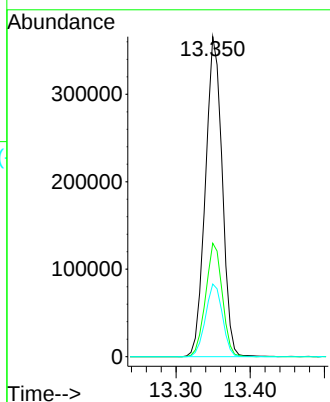
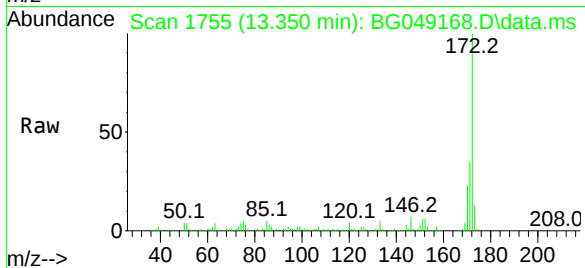




#45
2-Fluorobiphenyl
Concen: 78.697 ng
RT: 13.350 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

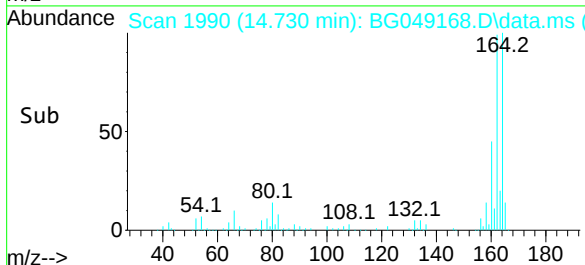
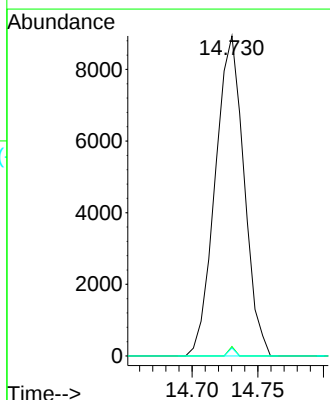
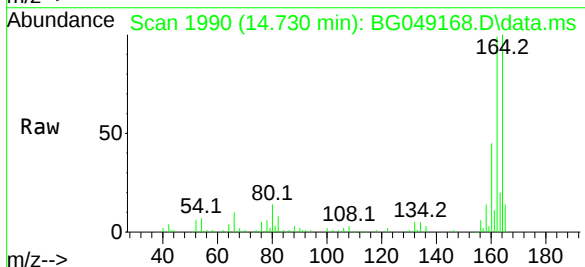
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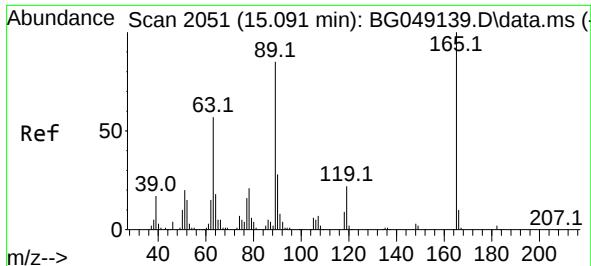
Tgt Ion:172 Resp: 574198
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.521 ng
RT: 14.730 min Scan# 1990
Delta R.T. 0.426 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

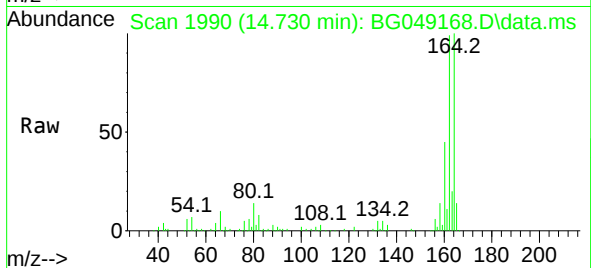
Tgt Ion:165 Resp: 13621
Ion Ratio Lower Upper
165 100
63 2.9 63.3 94.9#
89 2.5 63.4 95.0#



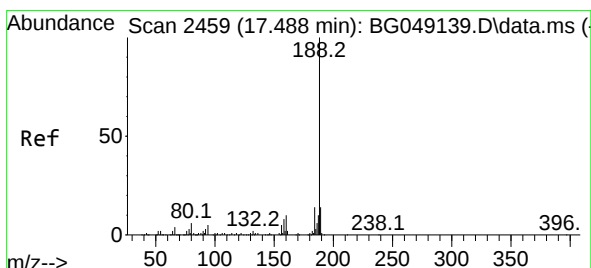
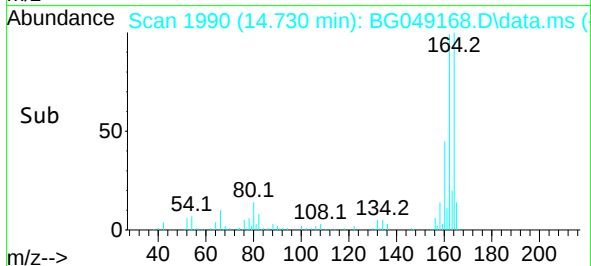
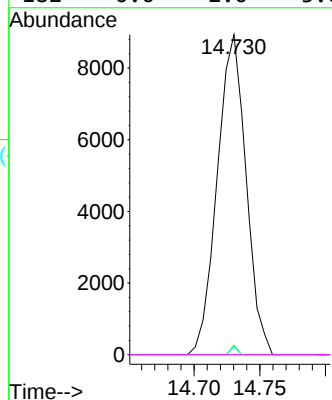


#57
2,4-Dinitrotoluene
Concen: 5.295 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.361 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

Instrument :
BNA_G
ClientSampleId :
PB137489TB

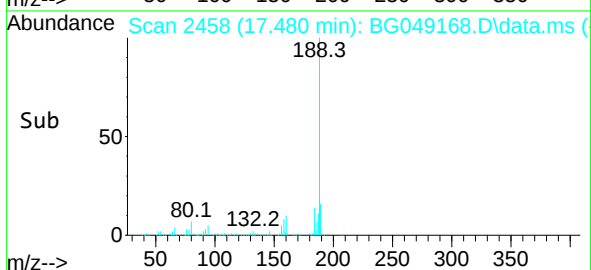
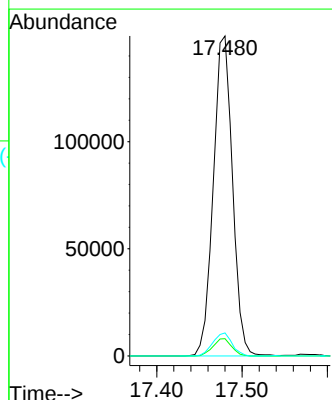
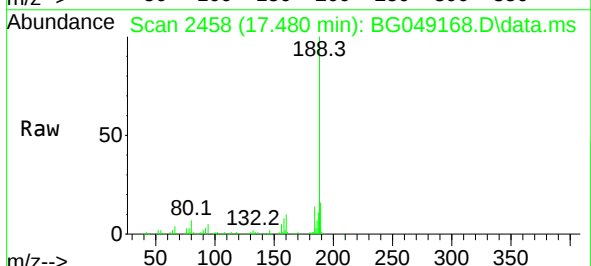


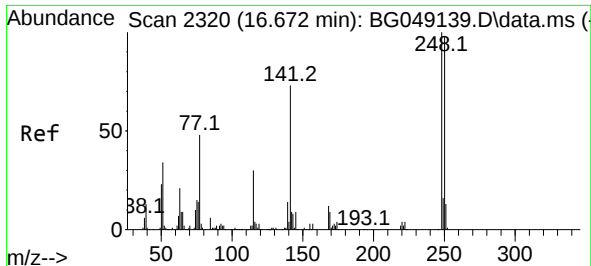
Tgt Ion:165 Resp: 13621
Ion Ratio Lower Upper
165 100
63 2.9 48.0 72.0#
89 2.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2458
Delta R.T. -0.008 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

Tgt Ion:188 Resp: 232920
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 7.2 3.7 5.5#

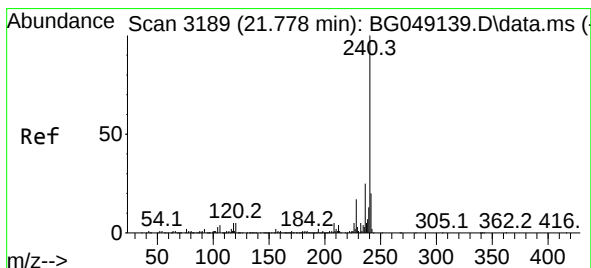
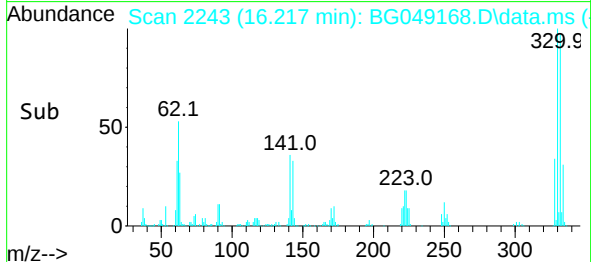
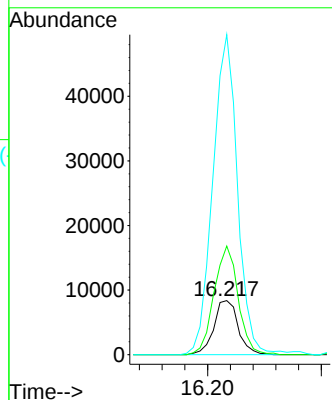
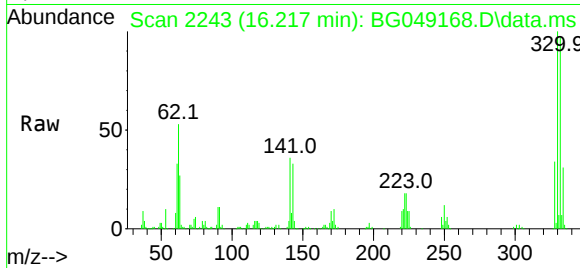




#67
4-Bromophenyl-phenylether
Concen: 3.966 ng
RT: 16.217 min Scan# 2243
Delta R.T. -0.455 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

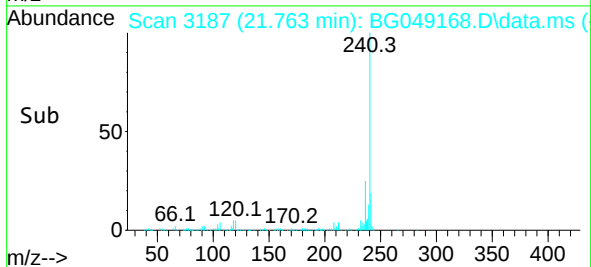
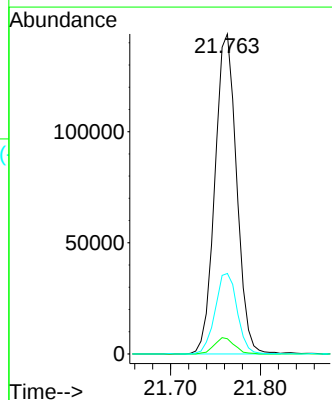
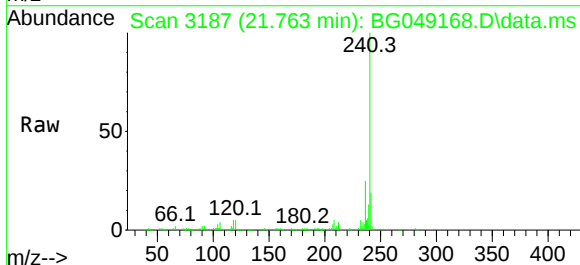
Instrument :
BNA_G
ClientSampleId :
PB137489TB

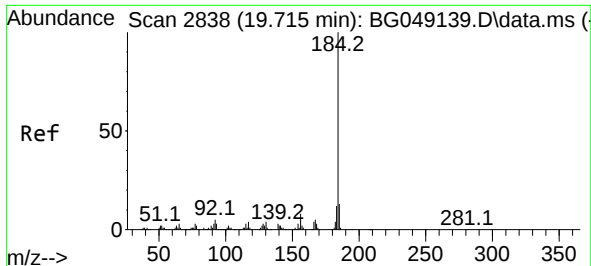
Tgt Ion:248 Resp: 12462
Ion Ratio Lower Upper
248 100
250 200.7 76.1 114.1#
141 591.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3187
Delta R.T. -0.014 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

Tgt Ion:240 Resp: 241210
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.1 21.8 32.6

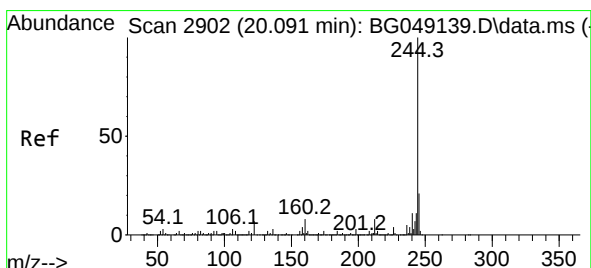
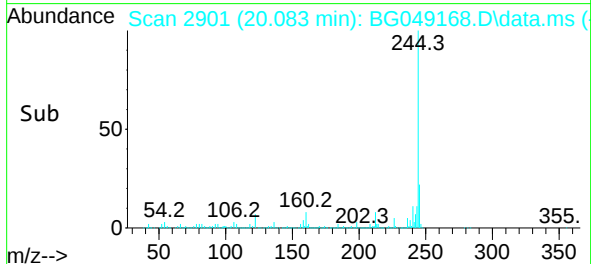
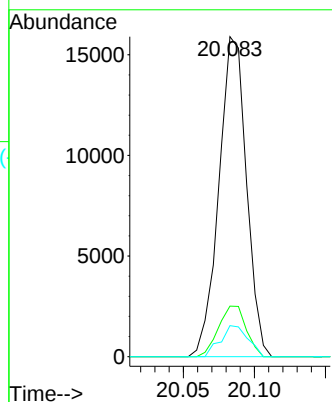
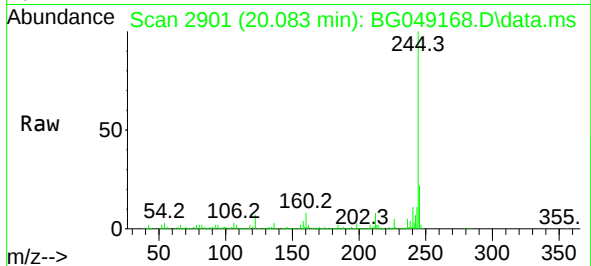




#77
Benzidine
Concen: 4.130 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.368 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

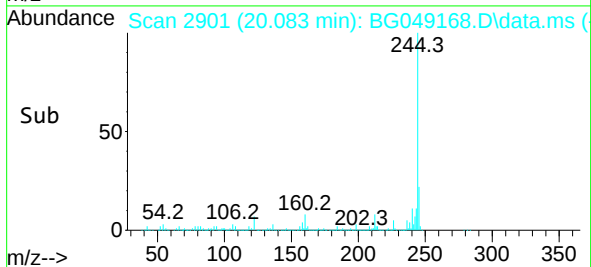
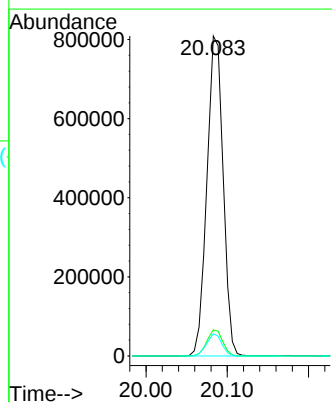
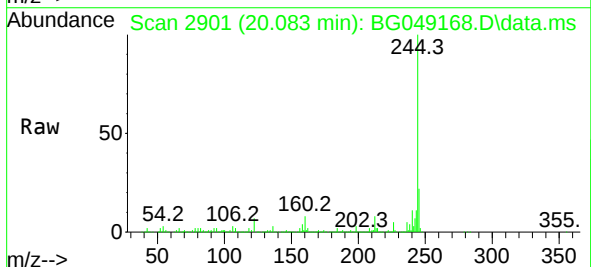
Instrument :
BNA_G
ClientSampleId :
PB137489TB

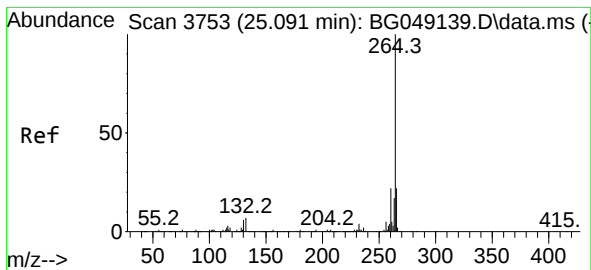
Tgt Ion:184 Resp: 21397
Ion Ratio Lower Upper
184 100
185 15.8 10.7 16.1
183 9.7 9.4 14.0



#79
Terphenyl-d14
Concen: 78.710 ng
RT: 20.083 min Scan# 2901
Delta R.T. -0.008 min
Lab File: BG049168.D
Acq: 2 Jul 2021 15:17

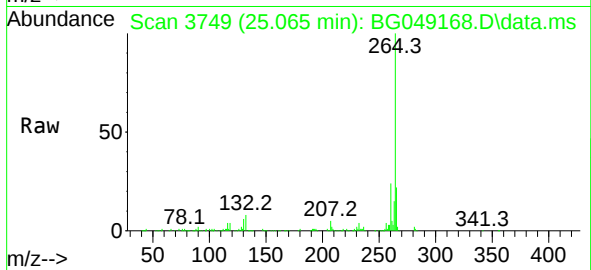
Tgt Ion:244 Resp: 1120412
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 7.0 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 3749
 Delta R.T. -0.026 min
 Lab File: BG049168.D
 Acq: 2 Jul 2021 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB137489TB



Tgt Ion:264 Resp: 248673
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.7 16.9 25.3

