

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049154.D
 Acq On : 1 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2901-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124035

Quant Time: Jul 01 16:07:09 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)

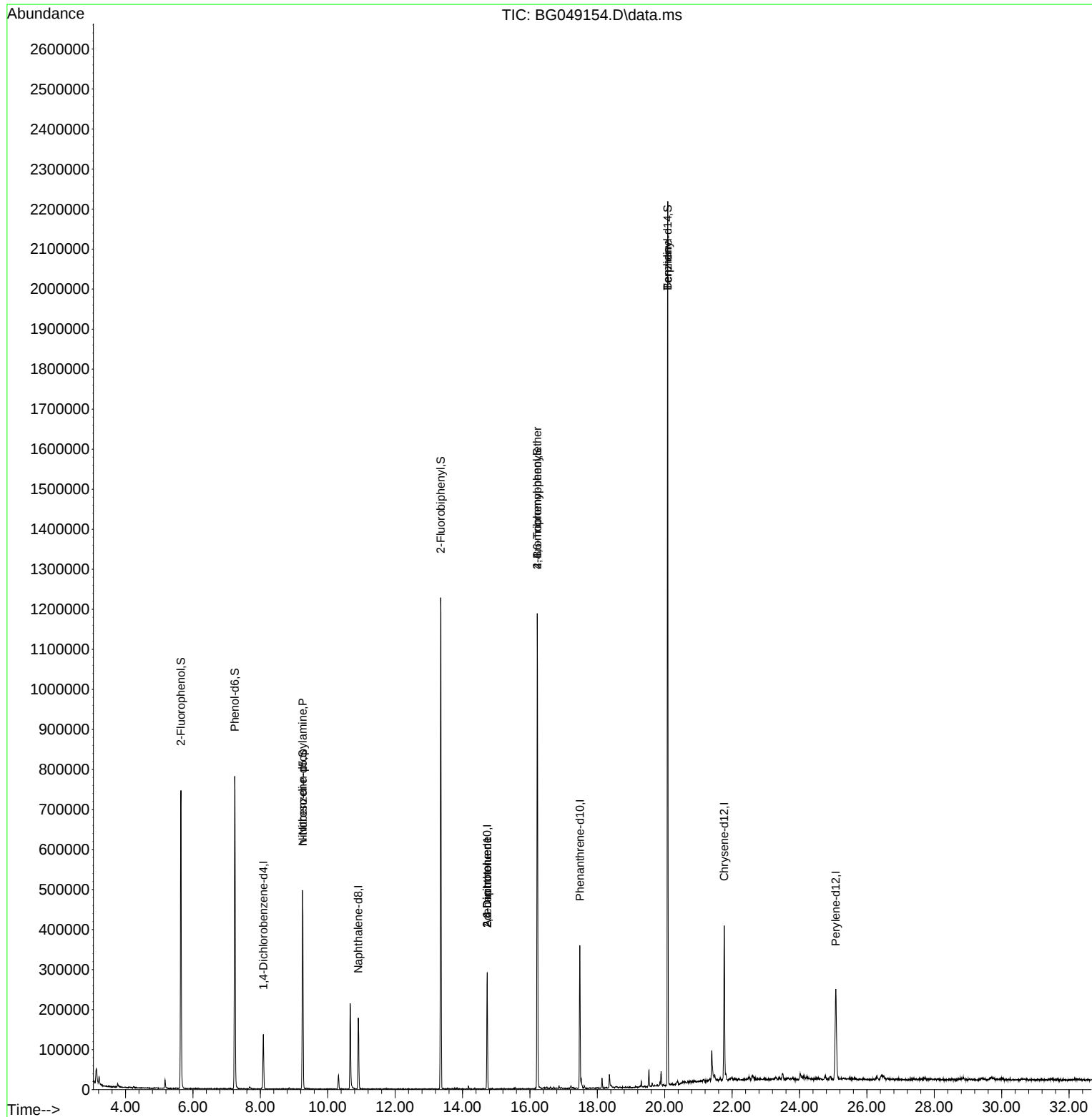
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	37290	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	142737	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	103069	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	233480	20.000	ng	# 0.00
76) Chrysene-d12	21.766	240	237878	20.000	ng	-0.01
86) Perylene-d12	25.074	264	251967	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	309138	129.846	ng	0.00
7) Phenol-d6	7.242	99	405567	119.483	ng	0.00
23) Nitrobenzene-d5	9.257	82	296486	88.066	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	234821	131.424	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	638696	83.604	ng	0.00
79) Terphenyl-d14	20.092	244	1065874	75.927	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.257	70	44495	18.240	ng	# 71
51) 2,6-Dinitrotoluene	14.733	165	14121	7.447	ng	# 10
57) 2,4-Dinitrotoluene	14.733	165	14121	5.242	ng	# 15
67) 4-Bromophenyl-phenylether	16.220	248	14884	4.725	ng	# 1
77) Benzidine	20.092	184	20560	4.024	ng	# 95

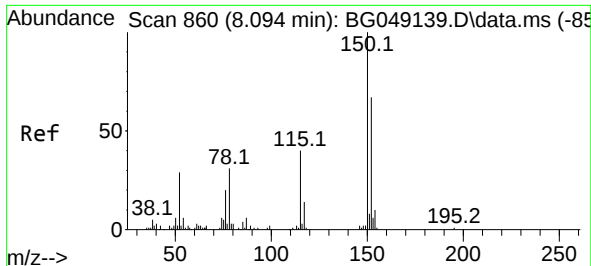
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

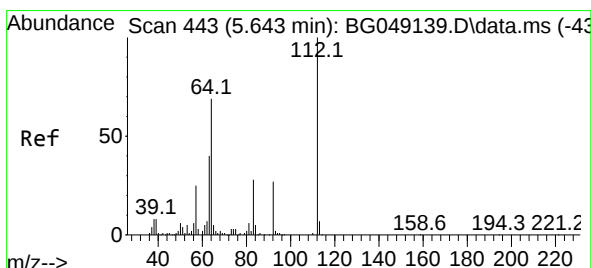
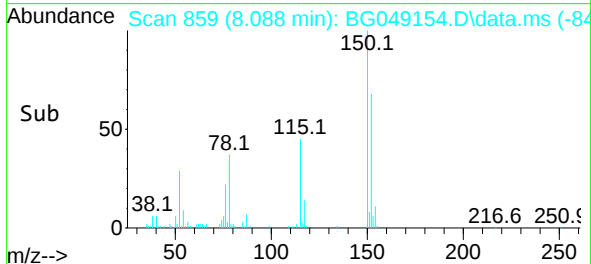
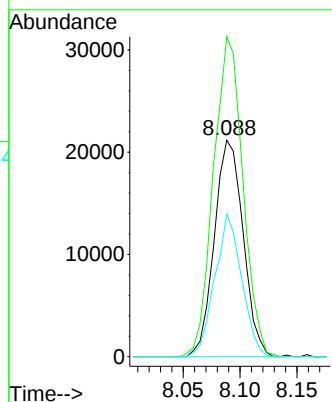
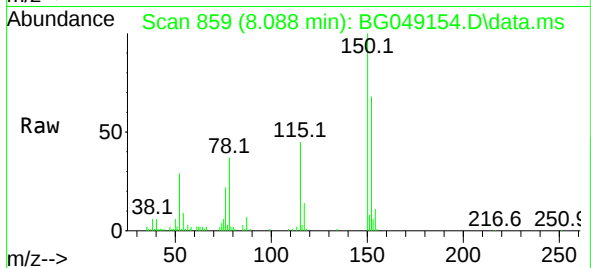




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 859
Delta R.T. -0.006 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

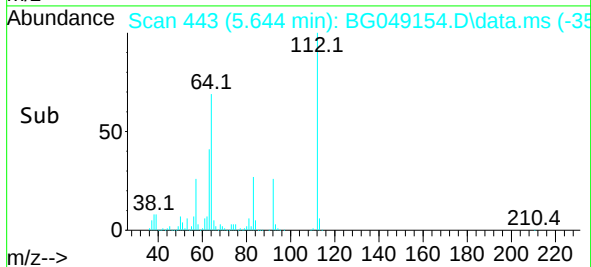
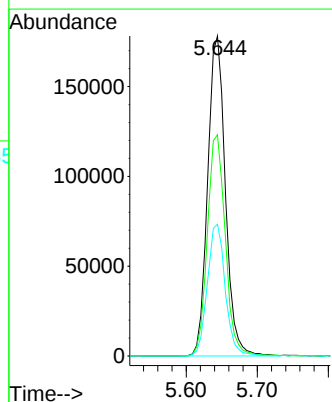
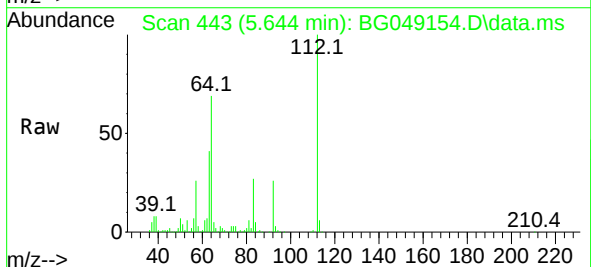
Instrument :
BNA_G
ClientSampleId :
124035

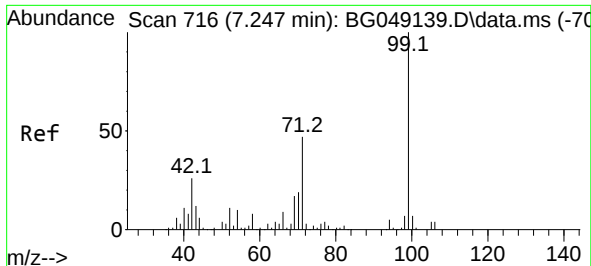
Tgt Ion:152 Resp: 37290
Ion Ratio Lower Upper
152 100
150 147.8 119.4 179.0
115 65.8 60.2 90.4



#5
2-Fluorophenol
Concen: 129.846 ng
RT: 5.644 min Scan# 443
Delta R.T. 0.001 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

Tgt Ion:112 Resp: 309138
Ion Ratio Lower Upper
112 100
64 69.2 46.7 70.1
63 41.2 35.3 52.9

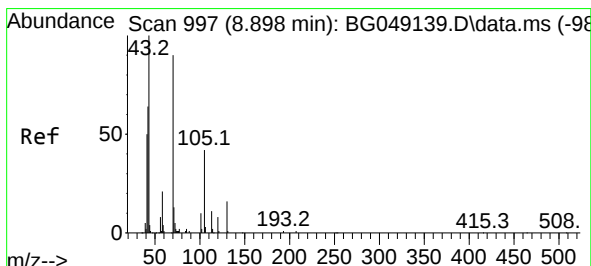
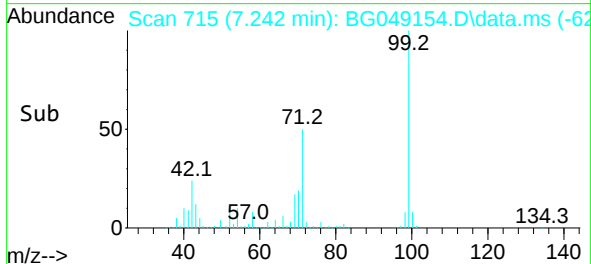
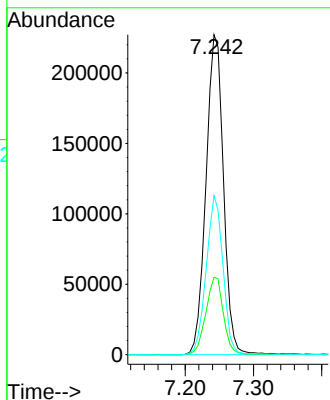
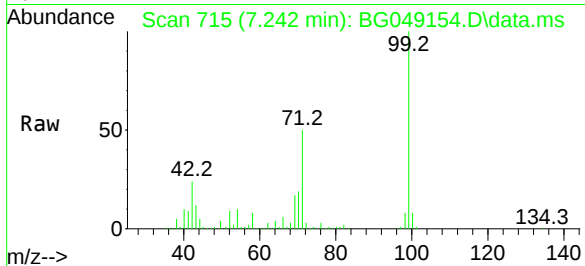




#7
Phenol-d6
Concen: 119.483 ng
RT: 7.242 min Scan# 715
Delta R.T. -0.005 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

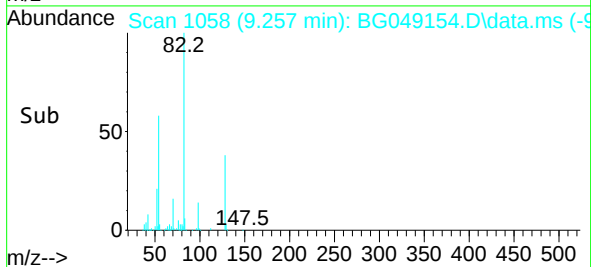
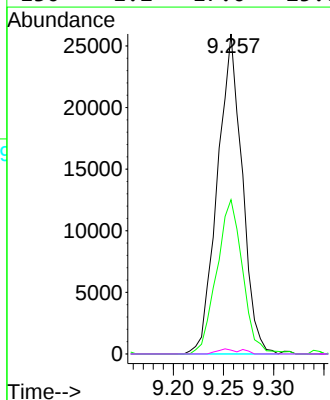
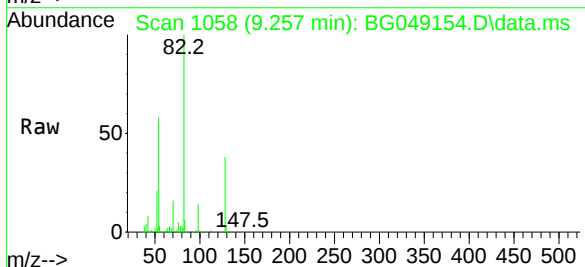
Instrument :
BNA_G
ClientSampleId :
124035

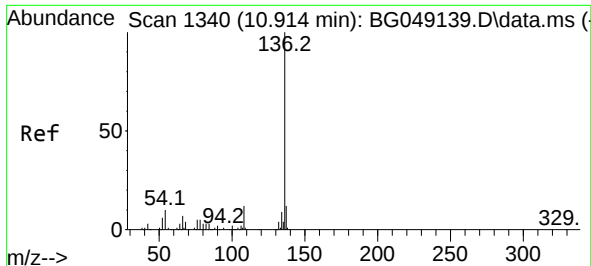
Tgt Ion: 99 Resp: 405567
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 49.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.240 ng
RT: 9.257 min Scan# 1058
Delta R.T. 0.359 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

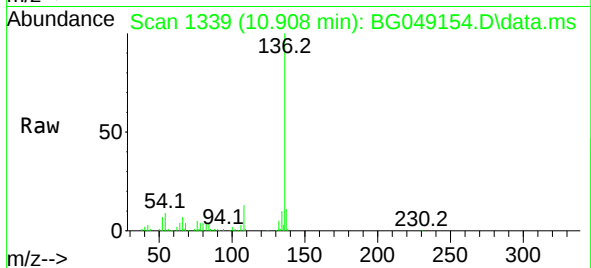
Tgt Ion: 70 Resp: 44495
Ion Ratio Lower Upper
70 100
42 48.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#



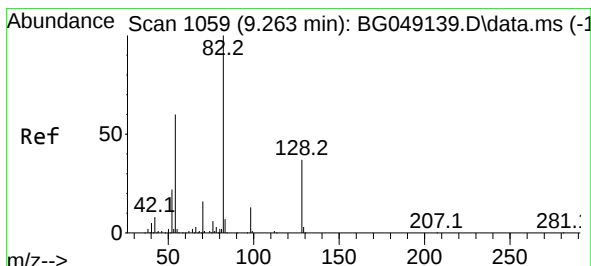
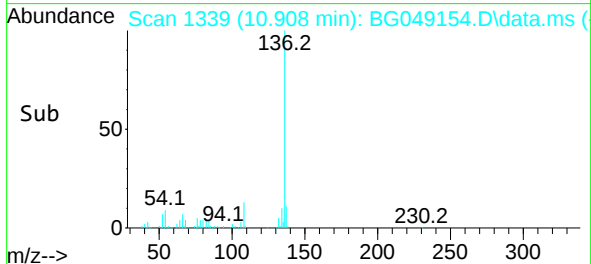
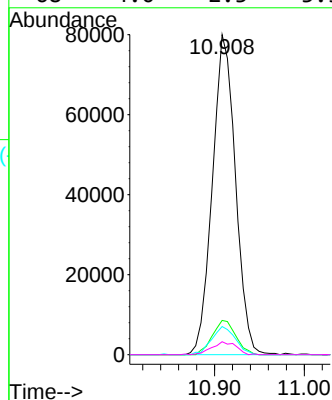


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

Instrument :
BNA_G
ClientSampleId :
124035

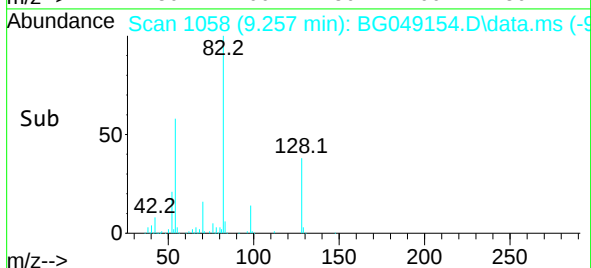
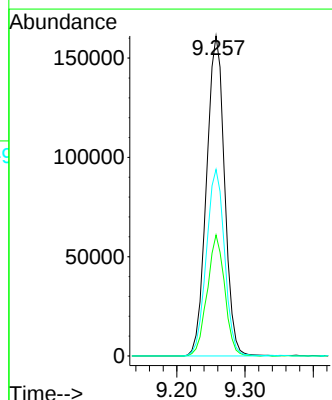
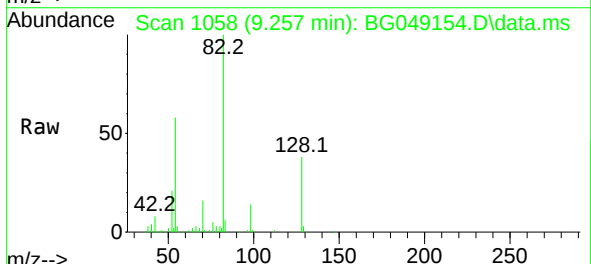


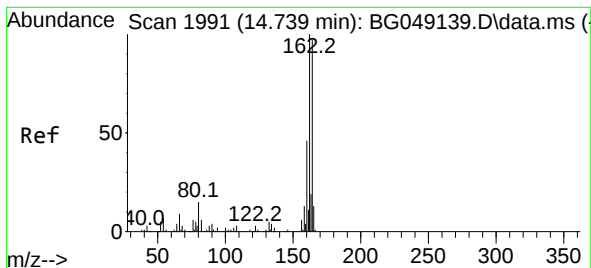
Tgt Ion:136 Resp: 142737
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 8.8 5.5 8.3#
68 4.0 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 88.066 ng
RT: 9.257 min Scan# 1058
Delta R.T. -0.005 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

Tgt Ion: 82 Resp: 296486
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 58.3 45.8 68.8

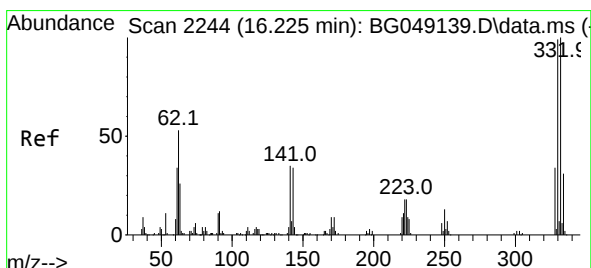
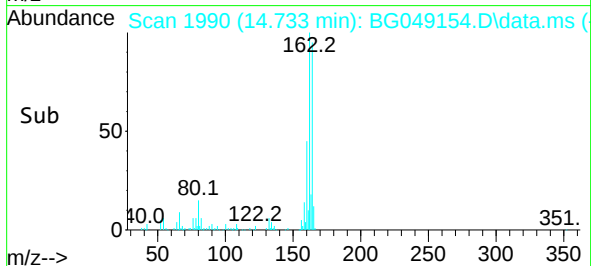
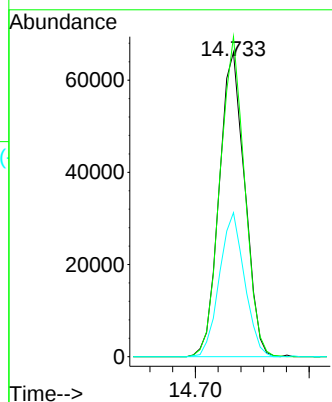
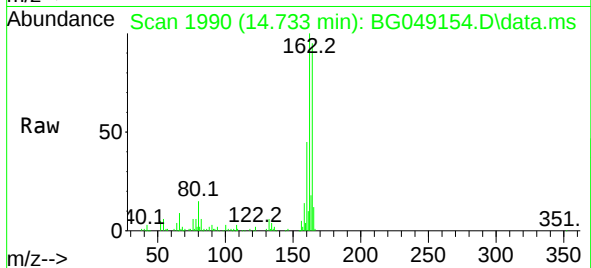




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

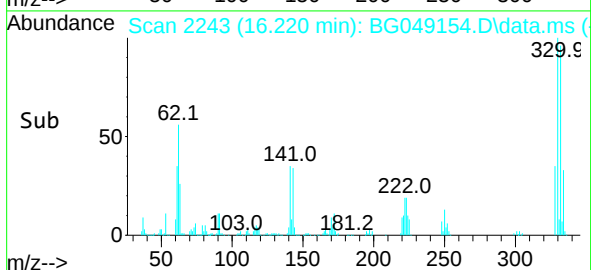
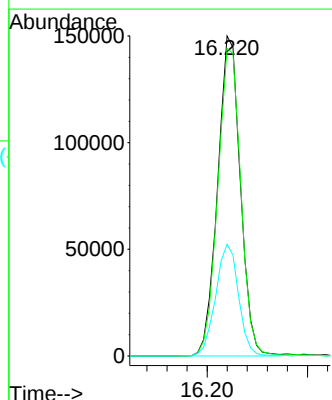
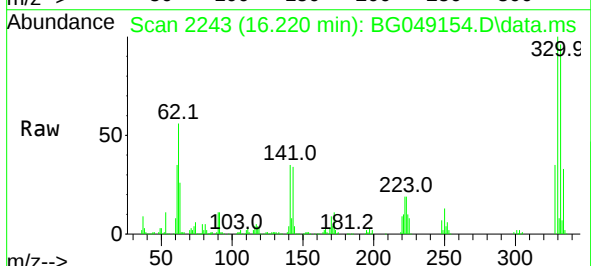
Instrument :
BNA_G
ClientSampleId :
124035

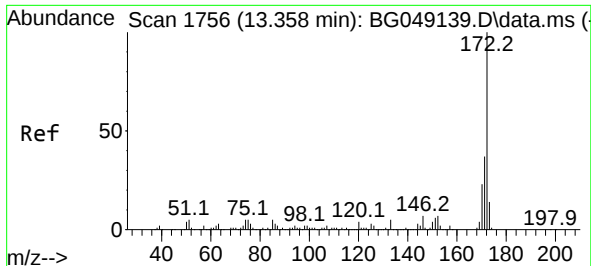
Tgt Ion:164 Resp: 103069
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 47.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 131.424 ng
RT: 16.220 min Scan# 2243
Delta R.T. -0.005 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

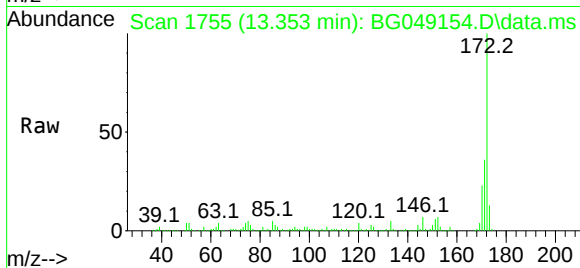
Tgt Ion:330 Resp: 234821
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 35.2 35.6 53.4#



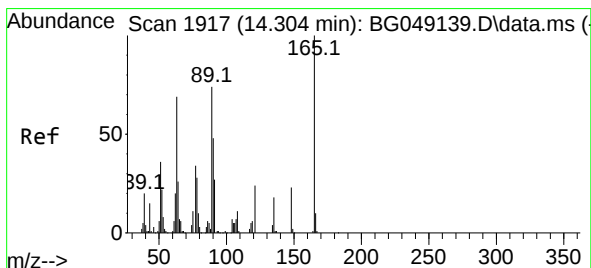
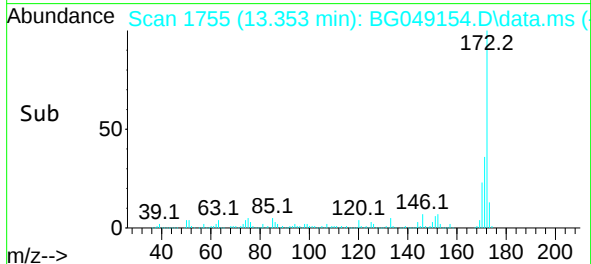
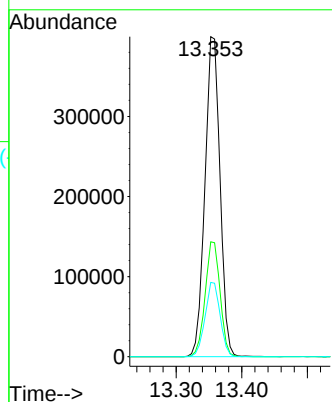


#45
2-Fluorobiphenyl
Concen: 83.604 ng
RT: 13.353 min Scan# 1755
Delta R.T. -0.005 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

Instrument :
BNA_G
ClientSampleId :
124035

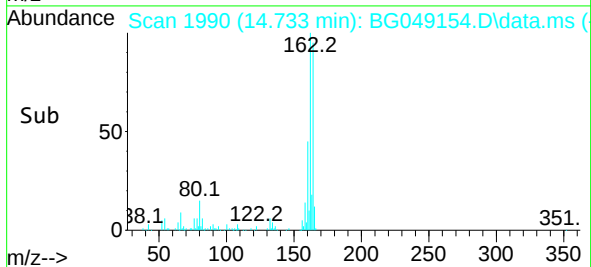
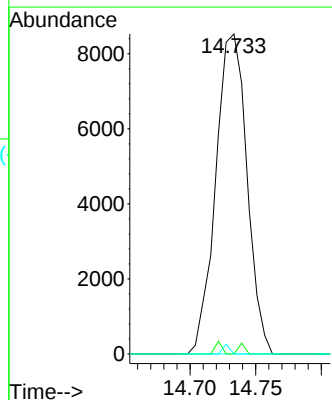
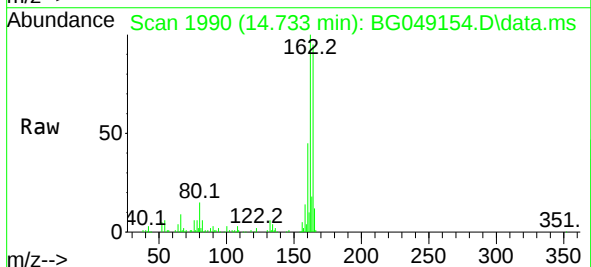


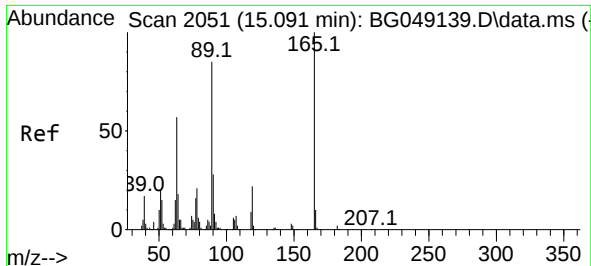
Tgt Ion:172 Resp: 638696
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.447 ng
RT: 14.733 min Scan# 1990
Delta R.T. 0.429 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

Tgt Ion:165 Resp: 14121
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

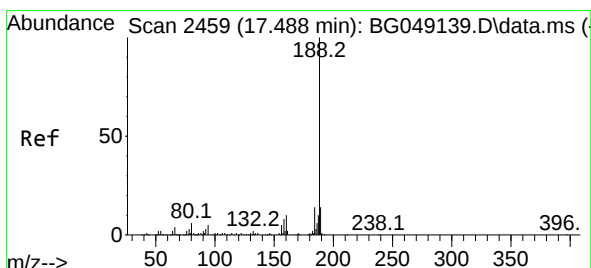
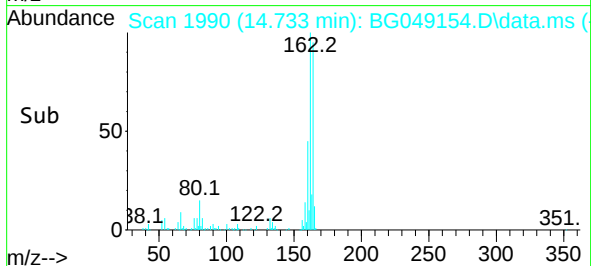
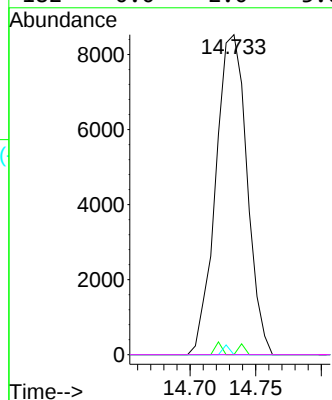
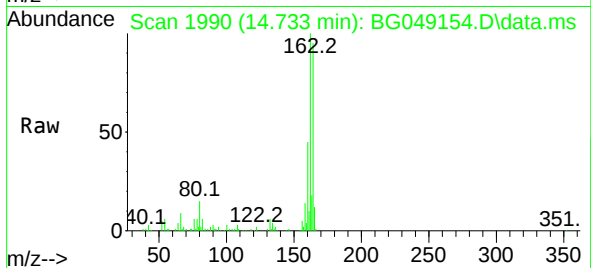




#57
2,4-Dinitrotoluene
Concen: 5.242 ng
RT: 14.733 min Scan# 1990
Delta R.T. -0.358 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

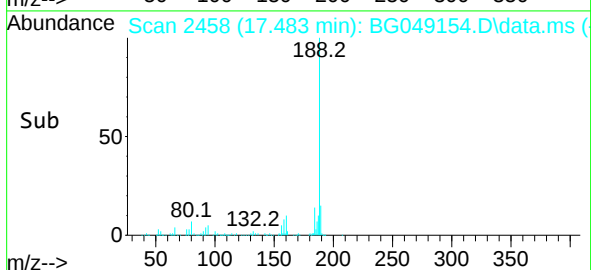
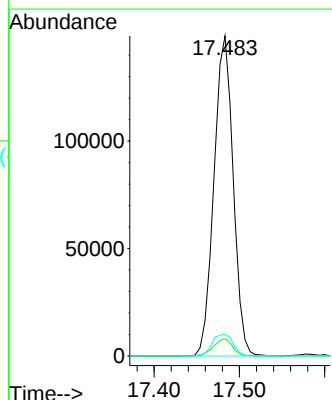
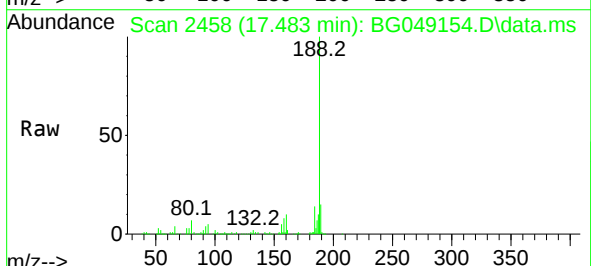
Instrument :
BNA_G
ClientSampleId :
124035

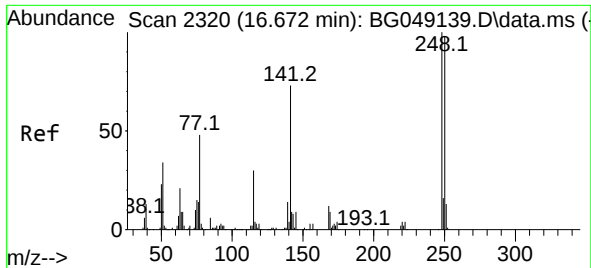
Tgt Ion:165 Resp: 14121
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

Tgt Ion:188 Resp: 233480
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 6.8 3.7 5.5#

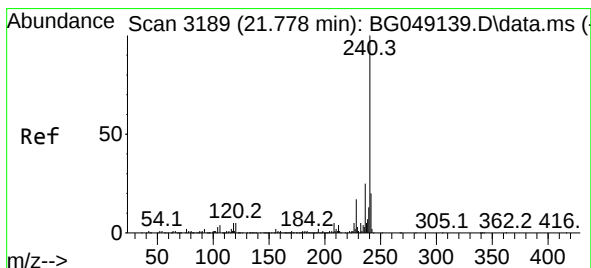
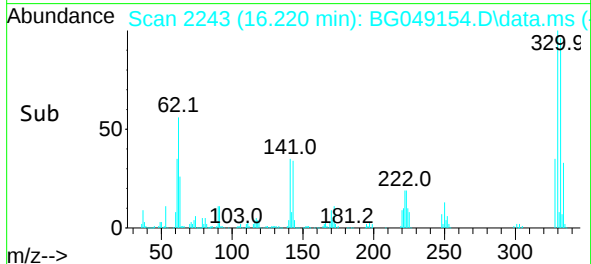
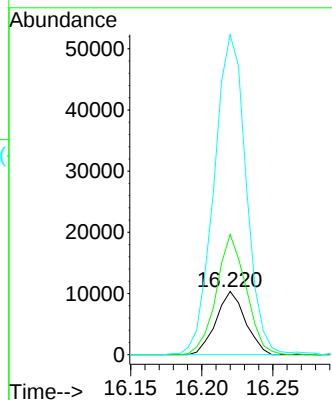
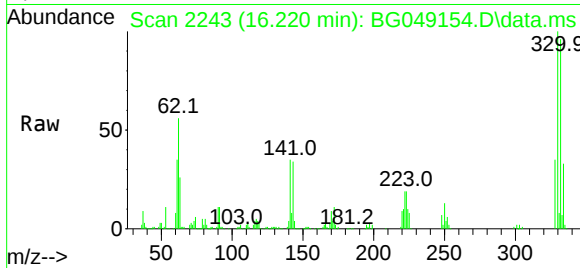




#67
4-Bromophenyl-phenylether
Concen: 4.725 ng
RT: 16.220 min Scan# 2243
Delta R.T. -0.452 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

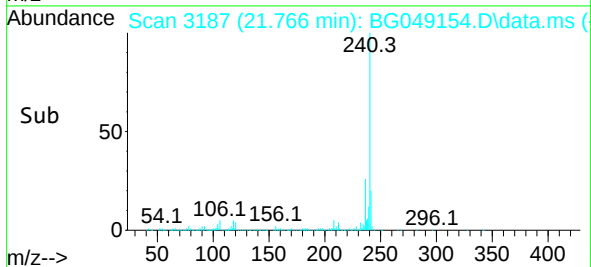
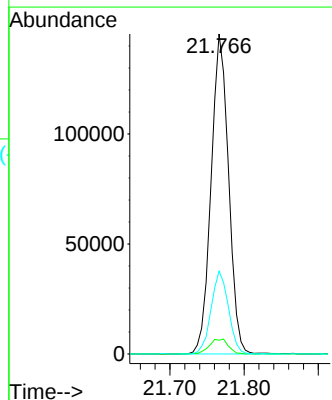
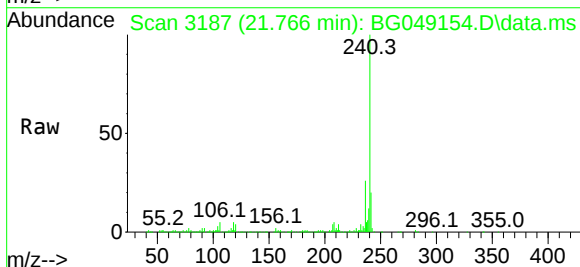
Instrument :
BNA_G
ClientSampled :
124035

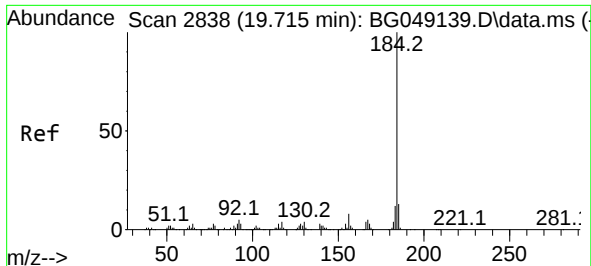
Tgt Ion:248 Resp: 14884
Ion Ratio Lower Upper
248 100
250 189.8 76.1 114.1#
141 505.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3187
Delta R.T. -0.011 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

Tgt Ion:240 Resp: 237878
Ion Ratio Lower Upper
240 100
120 4.3 4.2 6.2
236 25.8 21.8 32.6

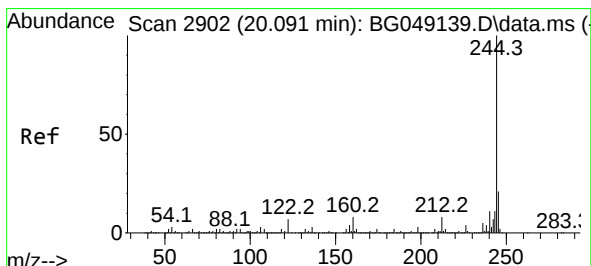
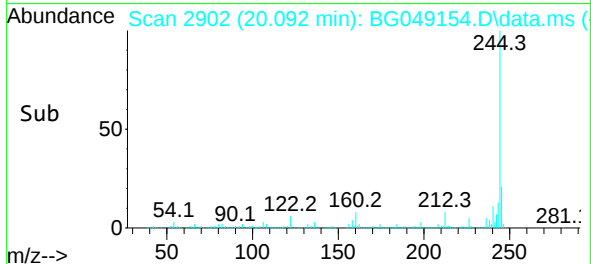
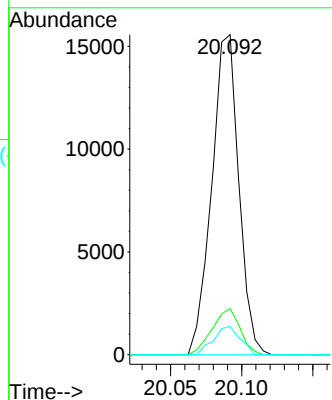
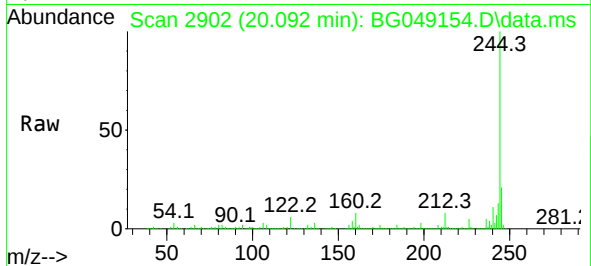




#77
Benzidine
Concen: 4.024 ng
RT: 20.092 min Scan# 2902
Delta R.T. 0.377 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

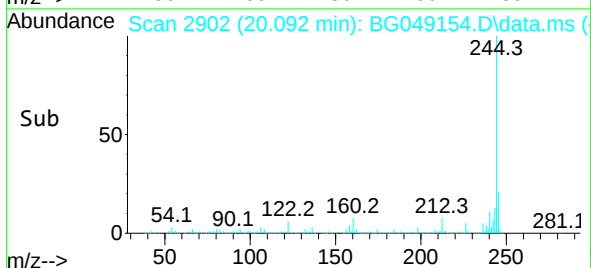
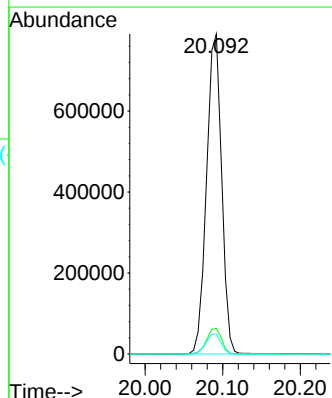
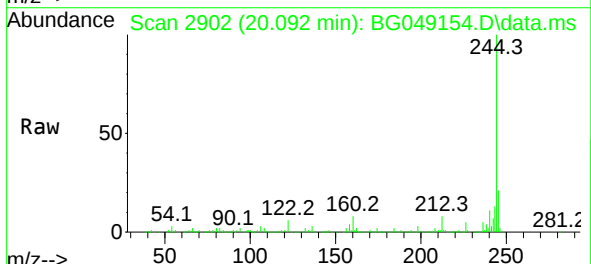
Instrument :
BNA_G
ClientSampleId :
124035

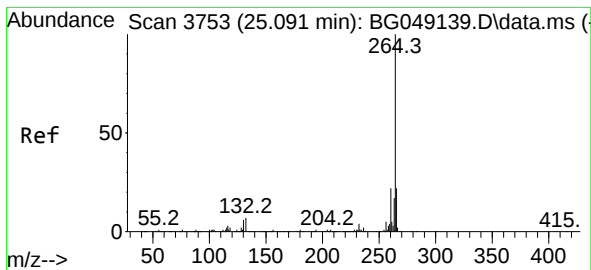
Tgt Ion:184 Resp: 20560
Ion Ratio Lower Upper
184 100
185 14.4 10.7 16.1
183 8.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 75.927 ng
RT: 20.092 min Scan# 2902
Delta R.T. 0.001 min
Lab File: BG049154.D
Acq: 1 Jul 2021 15:18

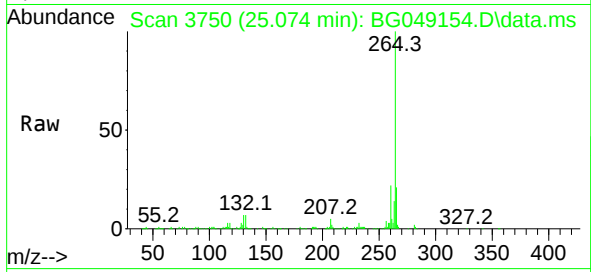
Tgt Ion:244 Resp: 1065874
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.074 min Scan# 3750
 Delta R.T. -0.017 min
 Lab File: BG049154.D
 Acq: 1 Jul 2021 15:18

Instrument :
 BNA_G
 ClientSampleId :
 124035



Tgt Ion:264 Resp: 251967

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.4	29.2
265	20.5	16.9	25.3

