

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062921\
 Data File : BG049133.D
 Acq On : 29 Jun 2021 13:10
 Operator : CG/JU
 Sample : PB137375BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137375BL

Quant Time: Jun 29 14:35:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

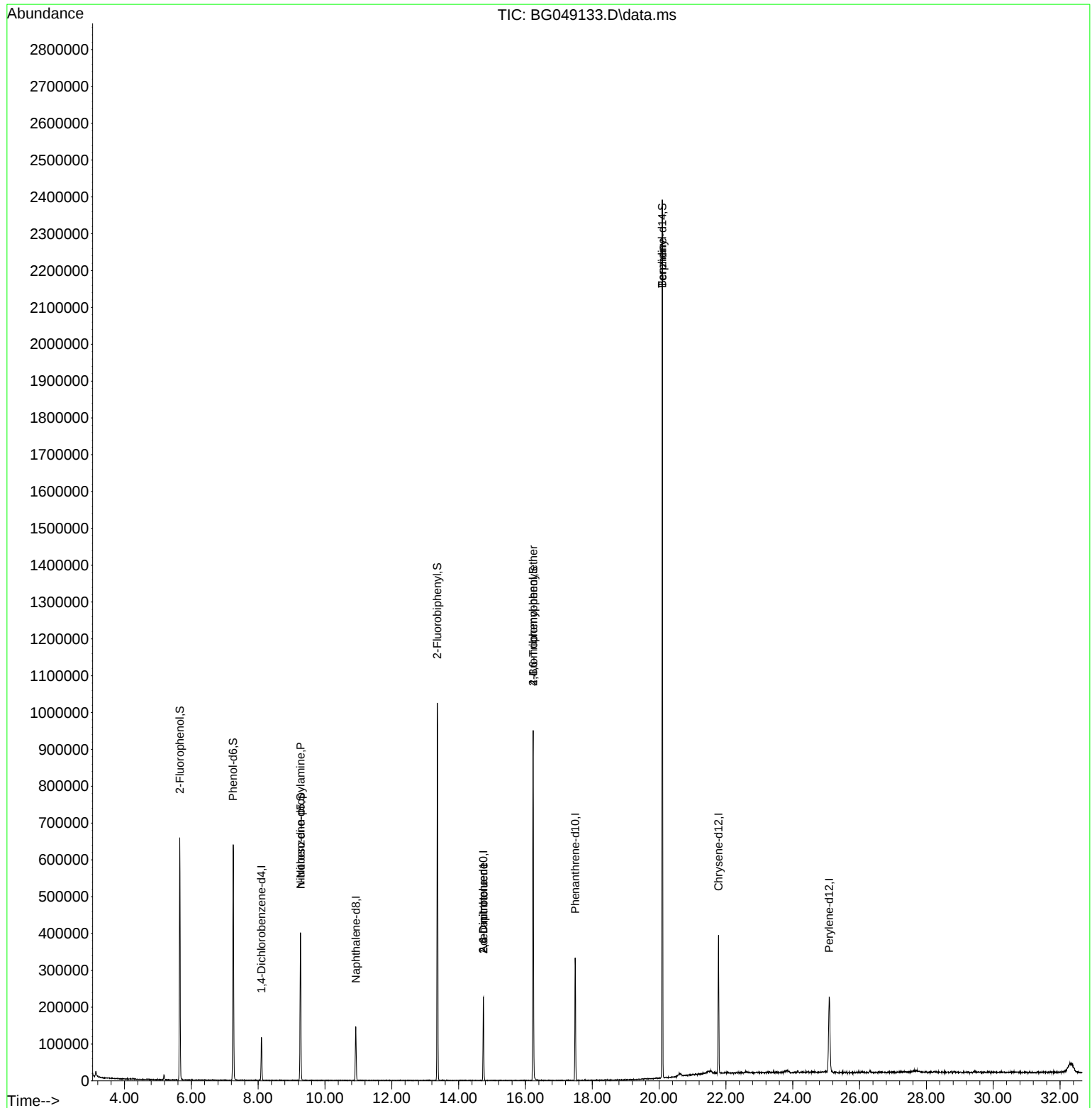
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	32297	20.000	ng	0.00
21) Naphthalene-d8	10.926	136	120502	20.000	ng	# 0.00
39) Acenaphthene-d10	14.745	164	87377	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	217612	20.000	ng	#-0.01
76) Chrysene-d12	21.778	240	232875	20.000	ng	-0.01
86) Perylene-d12	25.092	264	240376	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	257530	124.126	ng	0.00
7) Phenol-d6	7.254	99	324918	104.488	ng	0.00
23) Nitrobenzene-d5	9.269	82	239082	85.552	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	196770	151.999	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	543818	87.921	ng	0.00
79) Terphenyl-d14	20.097	244	1105587	86.947	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.269	70	34909	14.362	ng	# 74
51) 2,6-Dinitrotoluene	14.745	165	11722	8.457	ng	# 11
57) 2,4-Dinitrotoluene	14.745	165	11722	6.885	ng	# 16
67) 4-Bromophenyl-phenylether	16.231	248	11784	4.337	ng	# 1
77) Benzidine	20.097	184	19814	4.224	ng	# 95

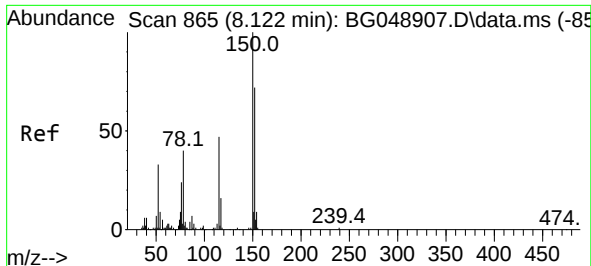
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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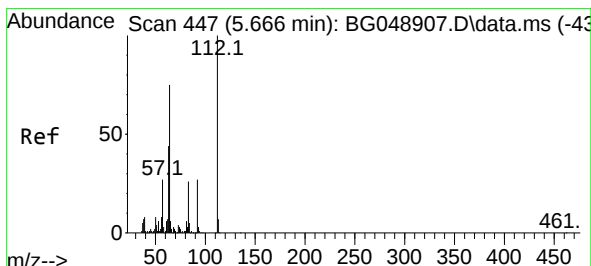
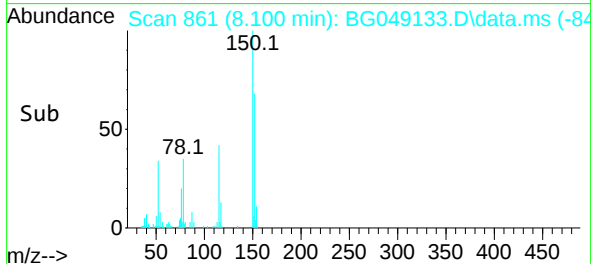
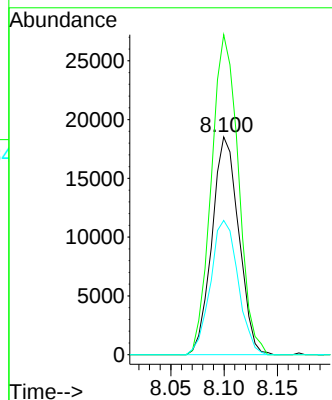
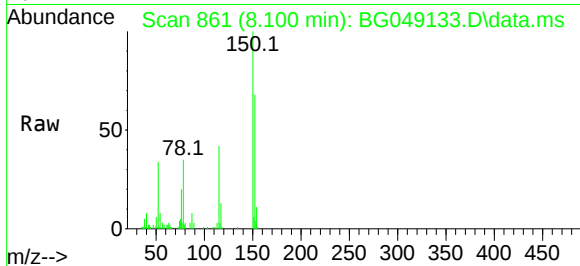




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 861
Delta R.T. -0.005 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

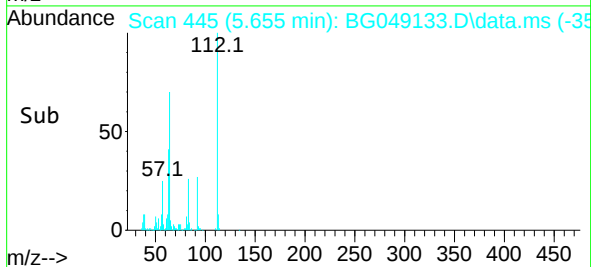
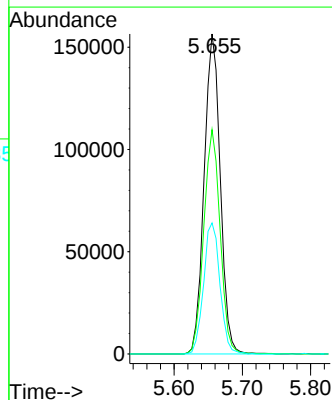
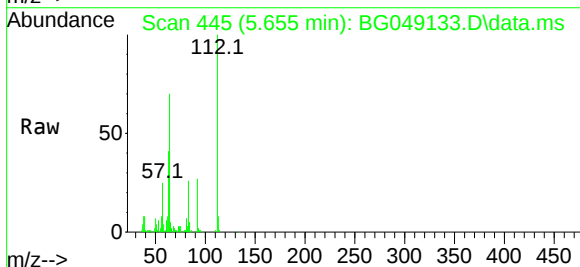
Instrument :
BNA_G
ClientSampleId :
PB137375BL

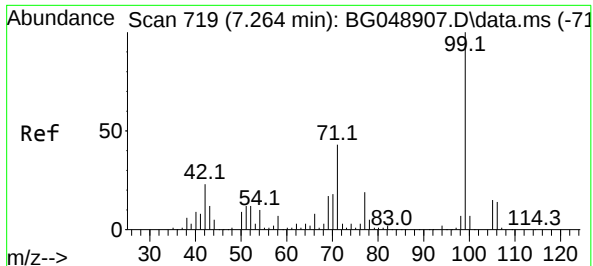
Tgt Ion:152 Resp: 32297
Ion Ratio Lower Upper
152 100
150 147.0 119.4 179.0
115 61.7 60.2 90.4



#5
2-Fluorophenol
Concen: 124.126 ng
RT: 5.655 min Scan# 445
Delta R.T. 0.000 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

Tgt Ion:112 Resp: 257530
Ion Ratio Lower Upper
112 100
64 70.1 46.7 70.1#
63 41.0 35.3 52.9

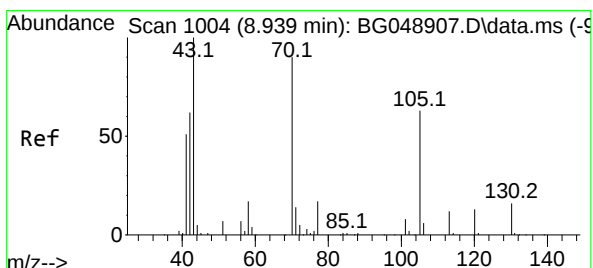
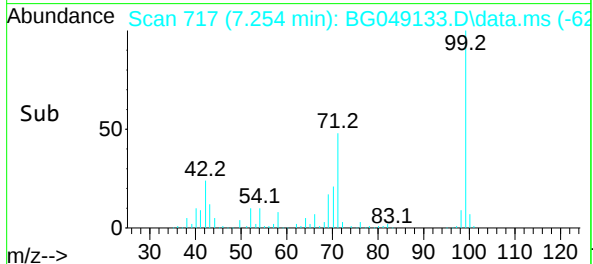
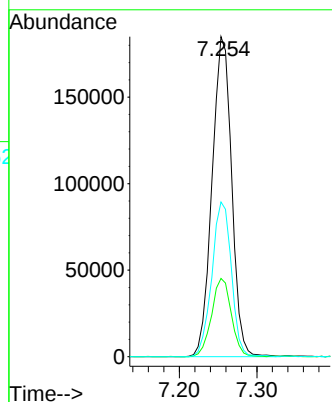
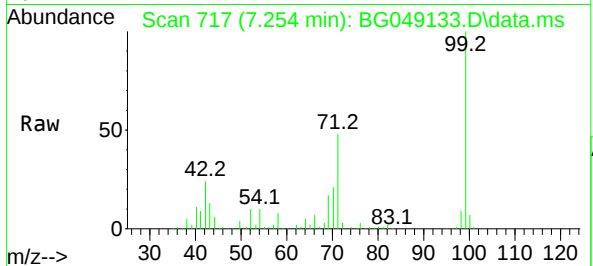




#7
Phenol-d6
Concen: 104.488 ng
RT: 7.254 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

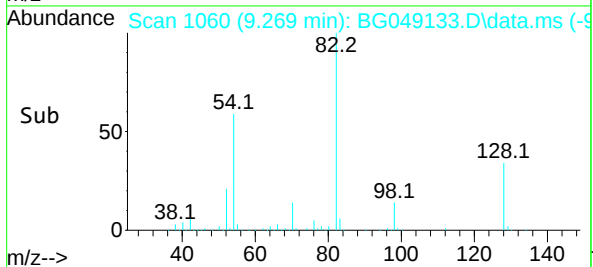
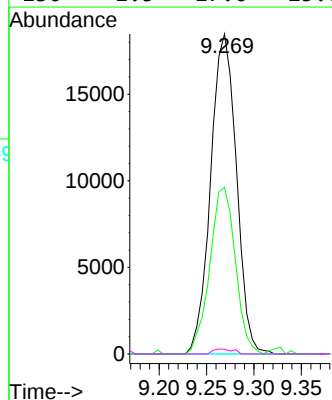
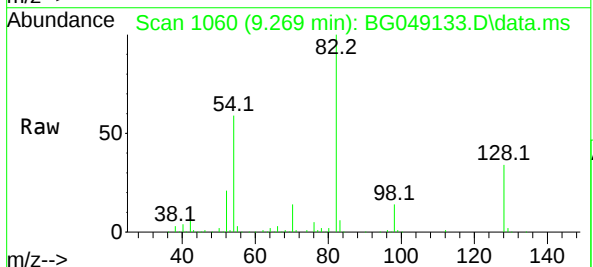
Instrument :
BNA_G
ClientSampleId :
PB137375BL

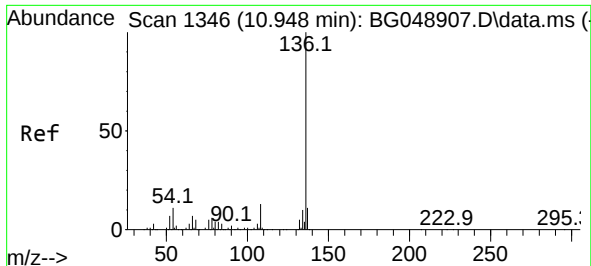
Tgt Ion: 99 Resp: 324918
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 48.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.362 ng
RT: 9.269 min Scan# 1060
Delta R.T. 0.358 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

Tgt Ion: 70 Resp: 34909
Ion Ratio Lower Upper
70 100
42 52.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

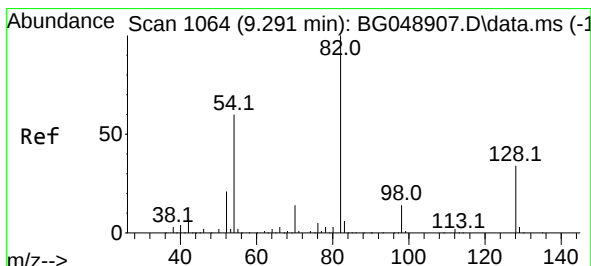
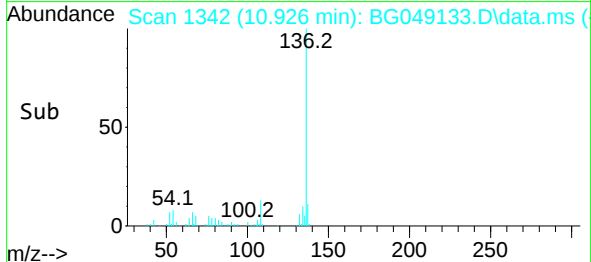
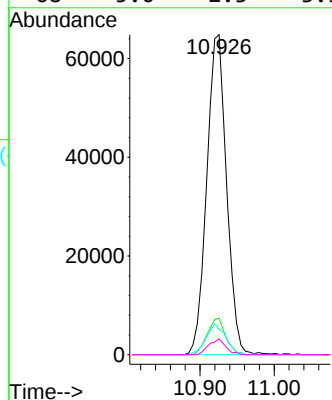
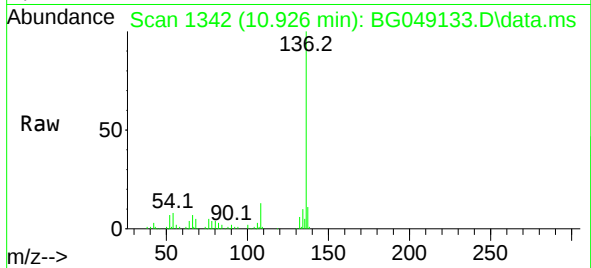




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.926 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

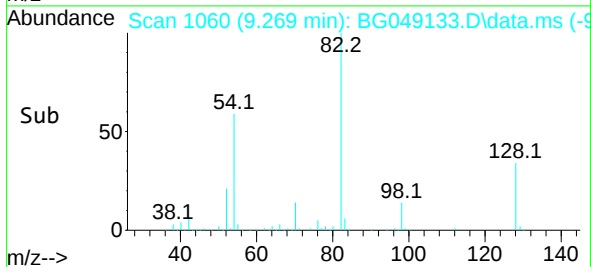
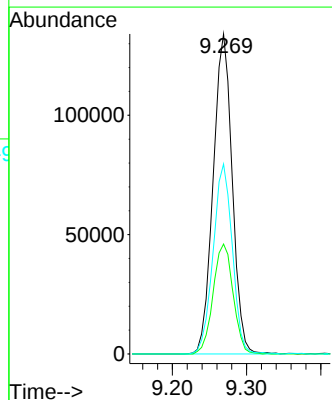
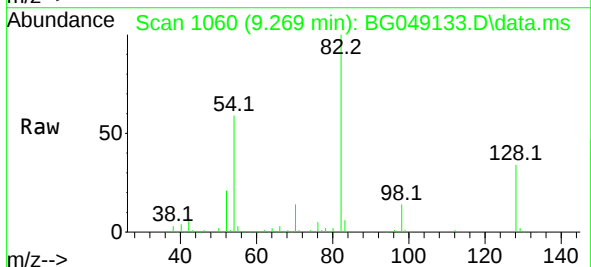
Instrument :
BNA_G
ClientSampleId :
PB137375BL

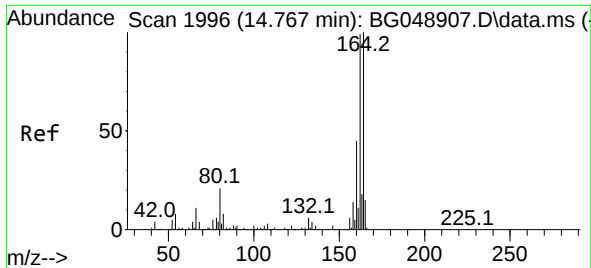
Tgt Ion:	136	Resp:	120502
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.2	12.2
54	7.8	5.5	8.3
68	5.0	2.3	3.5



#23
Nitrobenzene-d5
Concen: 85.552 ng
RT: 9.269 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

Tgt Ion:	82	Resp:	239082
Ion Ratio	Lower	Upper	
82	100		
128	34.3	29.8	44.6
54	59.3	45.8	68.8

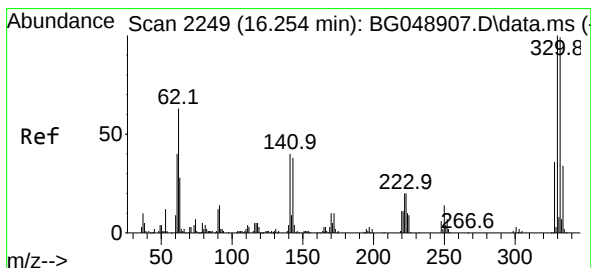
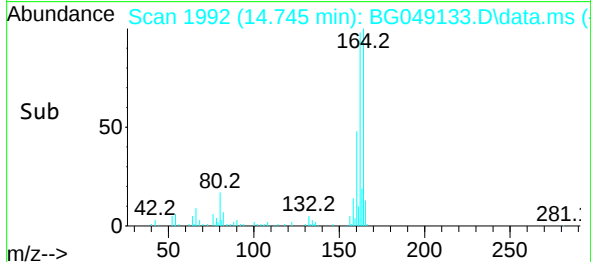
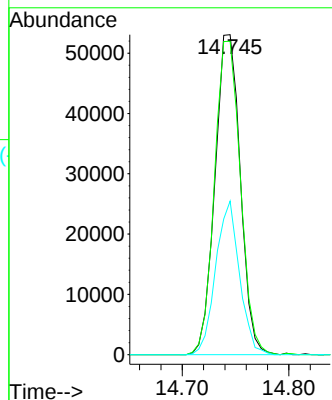
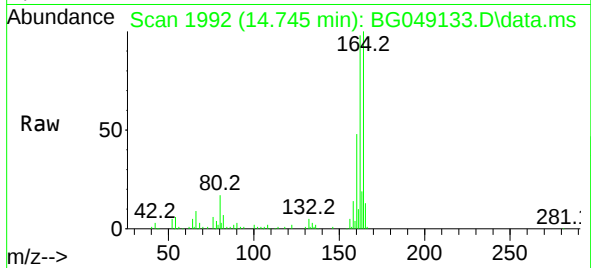




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

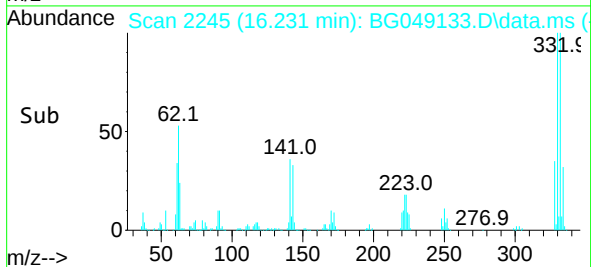
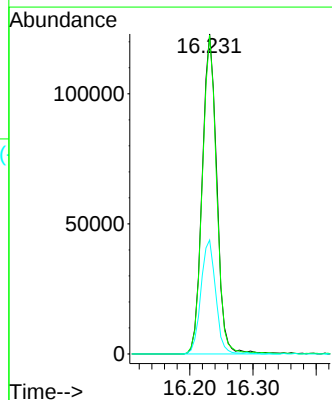
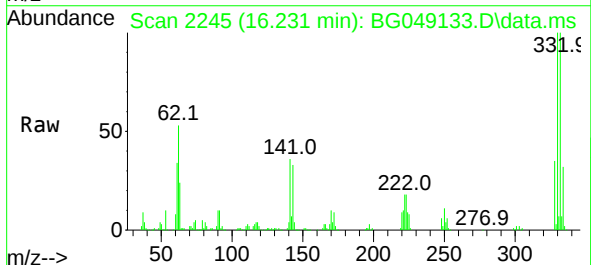
Instrument :
BNA_G
ClientSampleId :
PB137375BL

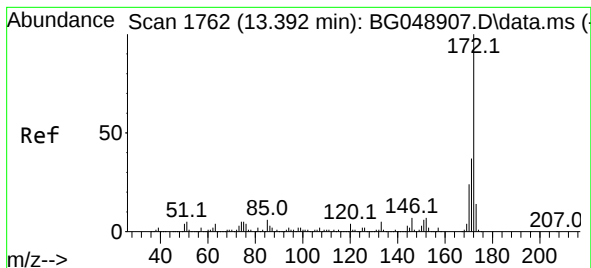
Tgt Ion:164 Resp: 87377
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 48.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 151.999 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

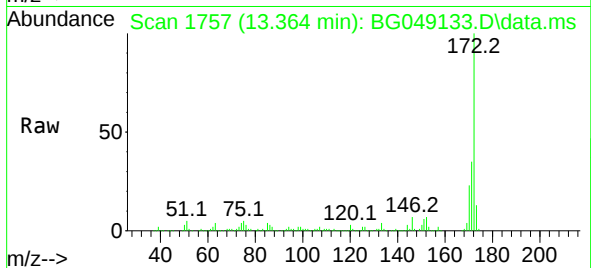
Tgt Ion:330 Resp: 196770
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 35.9 35.6 53.4



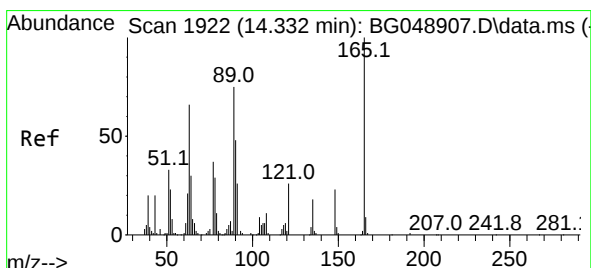
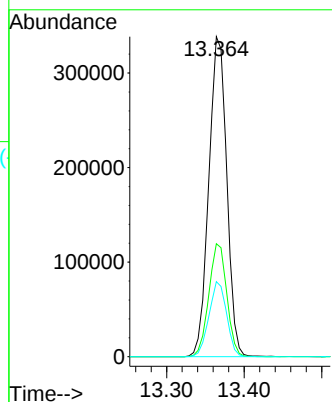
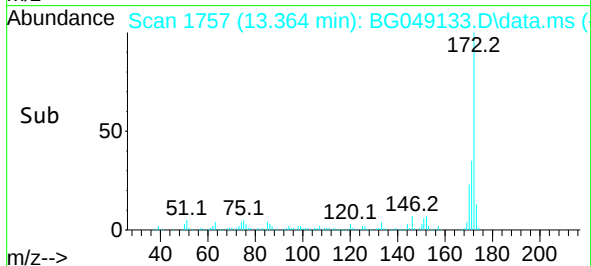


#45
2-Fluorobiphenyl
Concen: 87.921 ng
RT: 13.364 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

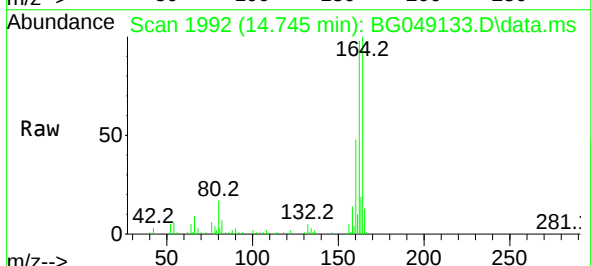
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BNA_G
ClientSampleId :
PB137375BL



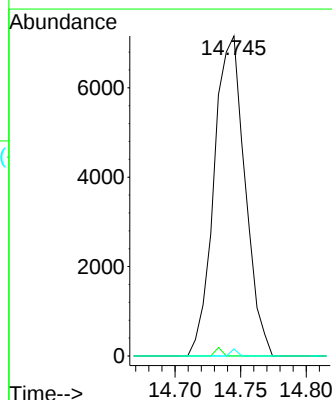
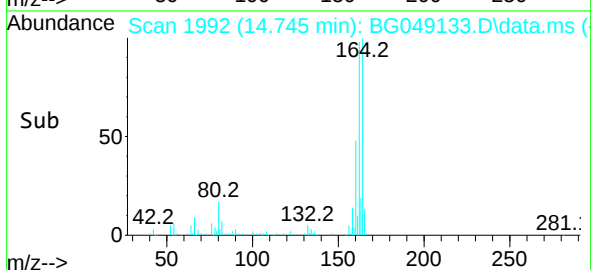
Tgt Ion:172 Resp: 543818
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.5 18.6 27.8

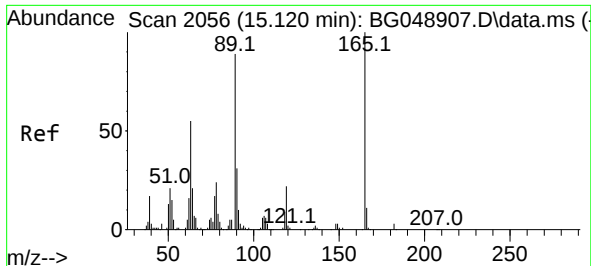


#51
2,6-Dinitrotoluene
Concen: 8.457 ng
RT: 14.745 min Scan# 1992
Delta R.T. 0.429 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10



Tgt Ion:165 Resp: 11722
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.2 63.4 95.0#

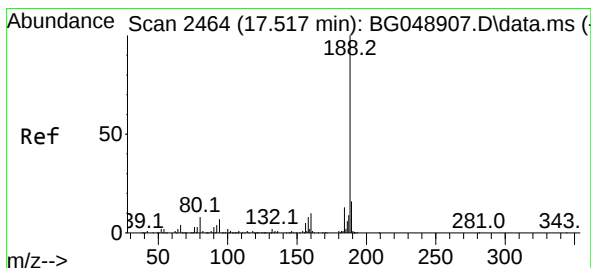
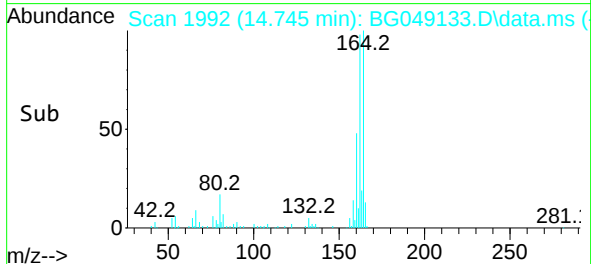
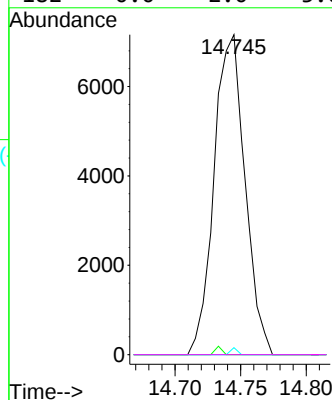
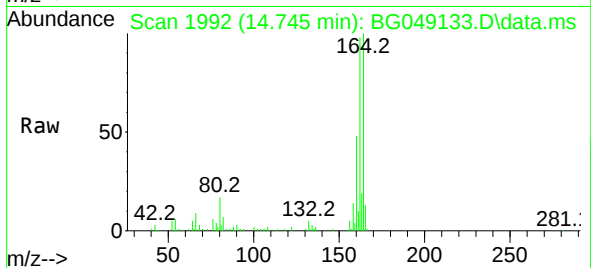




#57
2,4-Dinitrotoluene
Concen: 6.885 ng
RT: 14.745 min Scan# 1992
Delta R.T. -0.358 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

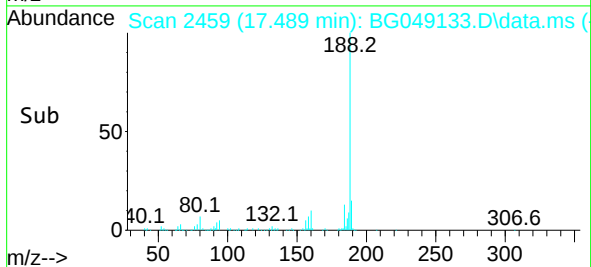
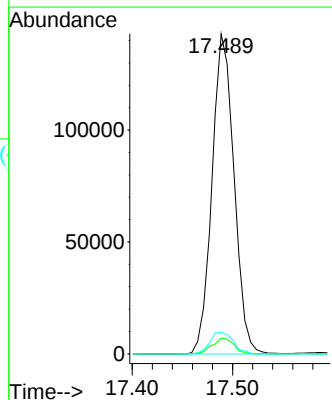
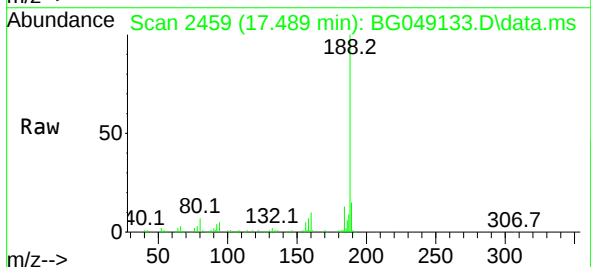
Instrument :
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ClientSampleId :
PB137375BL

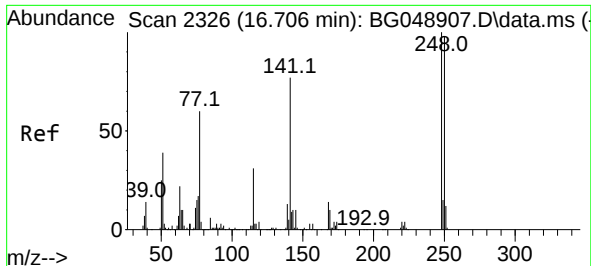
Tgt Ion:165 Resp: 11722
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.2 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2459
Delta R.T. -0.012 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

Tgt Ion:188 Resp: 217612
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.8 3.7 5.5#

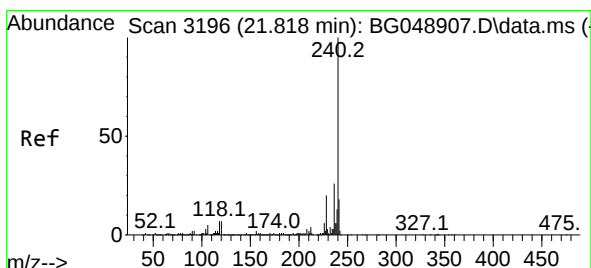
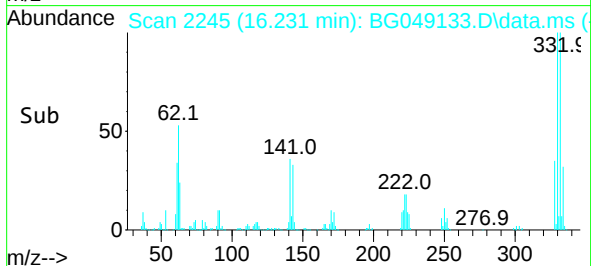
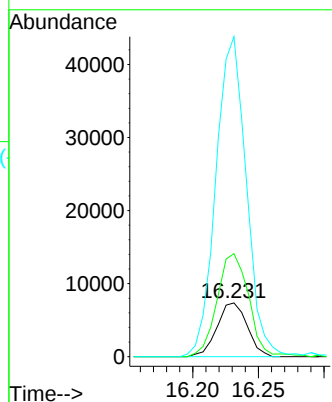
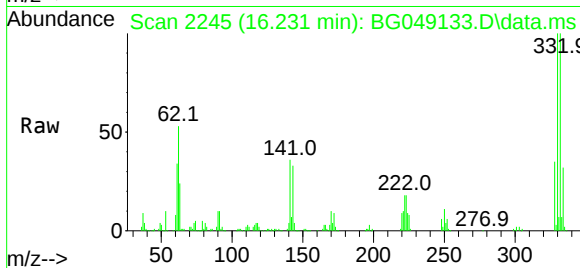




#67
4-Bromophenyl-phenylether
Concen: 4.337 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.452 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

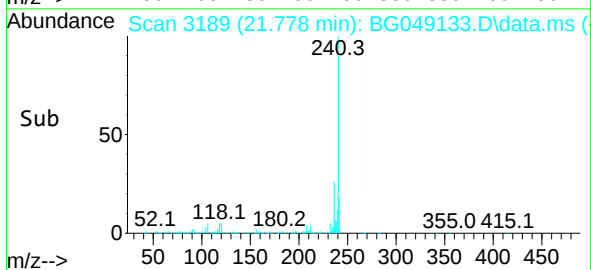
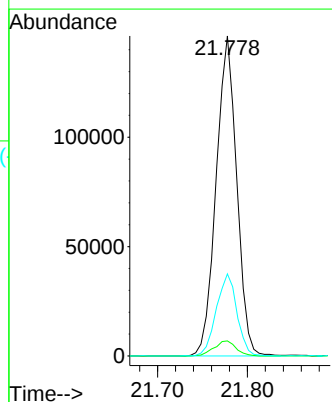
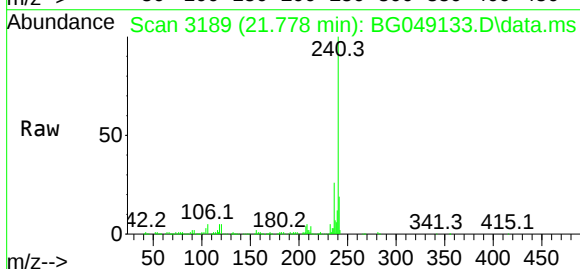
Instrument :
BNA_G
ClientSampled :
PB137375BL

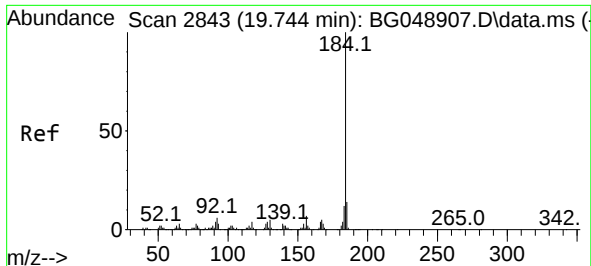
Tgt Ion:248 Resp: 11784
Ion Ratio Lower Upper
248 100
250 191.7 76.1 114.1#
141 595.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.778 min Scan# 3189
Delta R.T. -0.012 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

Tgt Ion:240 Resp: 232875
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 25.7 21.8 32.6

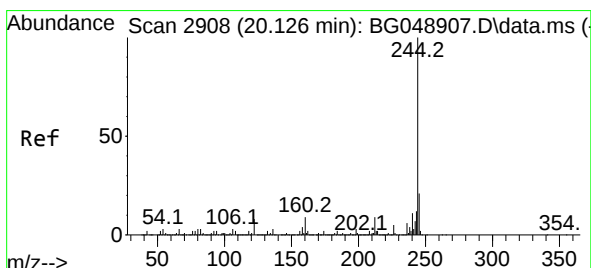
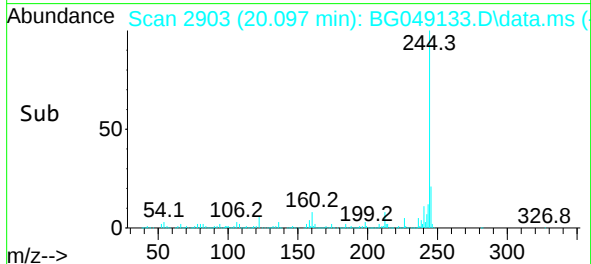
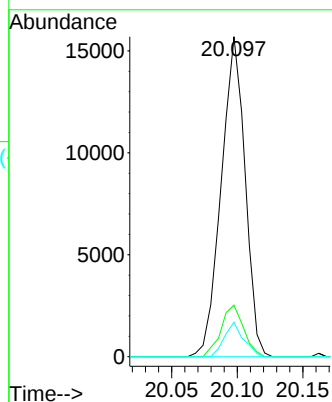
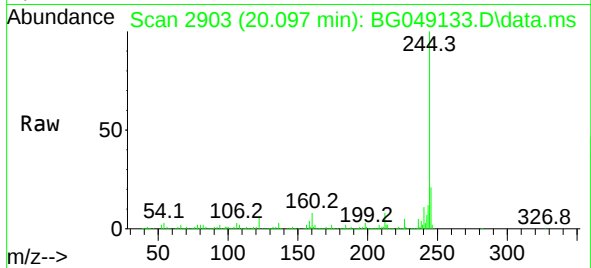




#77
Benzidine
Concen: 4.224 ng
RT: 20.097 min Scan# 2903
Delta R.T. 0.376 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

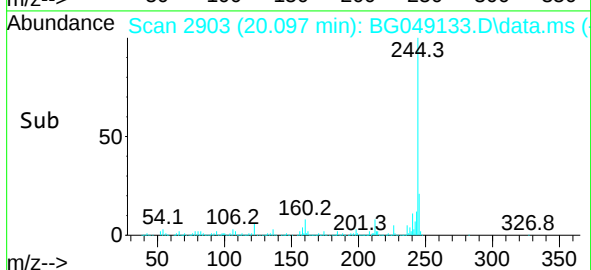
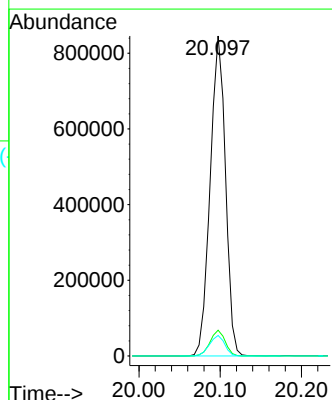
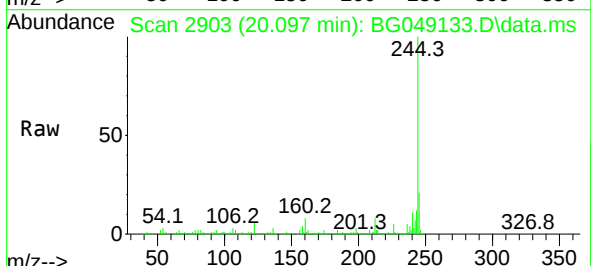
Instrument :
BNA_G
ClientSampleId :
PB137375BL

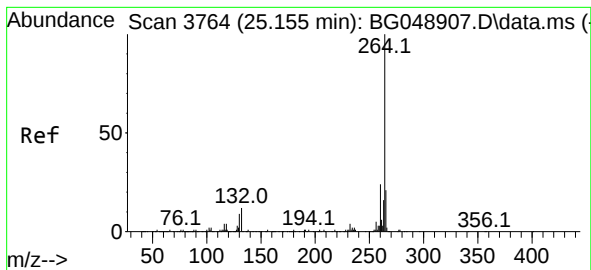
Tgt Ion:184 Resp: 19814
Ion Ratio Lower Upper
184 100
185 16.1 10.7 16.1#
183 10.8 9.4 14.0



#79
Terphenyl-d14
Concen: 86.947 ng
RT: 20.097 min Scan# 2903
Delta R.T. -0.006 min
Lab File: BG049133.D
Acq: 29 Jun 2021 13:10

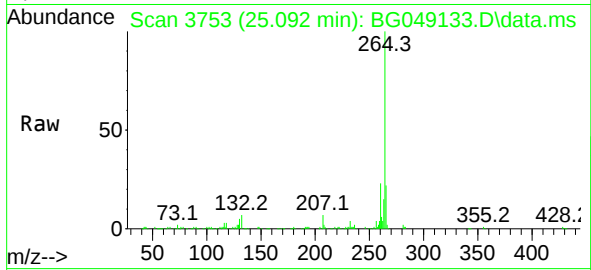
Tgt Ion:244 Resp: 1105587
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.092 min Scan# 3753
 Delta R.T. -0.012 min
 Lab File: BG049133.D
 Acq: 29 Jun 2021 13:10

Instrument :
 BNA_G
 ClientSampleId :
 PB137375BL



Tgt Ion:264	Resp:	240376
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.4 29.2
265	21.8	16.9 25.3

