

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061721\
 Data File : BG049009.D
 Acq On : 17 Jun 2021 10:29
 Operator : CG/JU
 Sample : PB137159TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137159TB

Quant Time: Jun 17 12:36:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

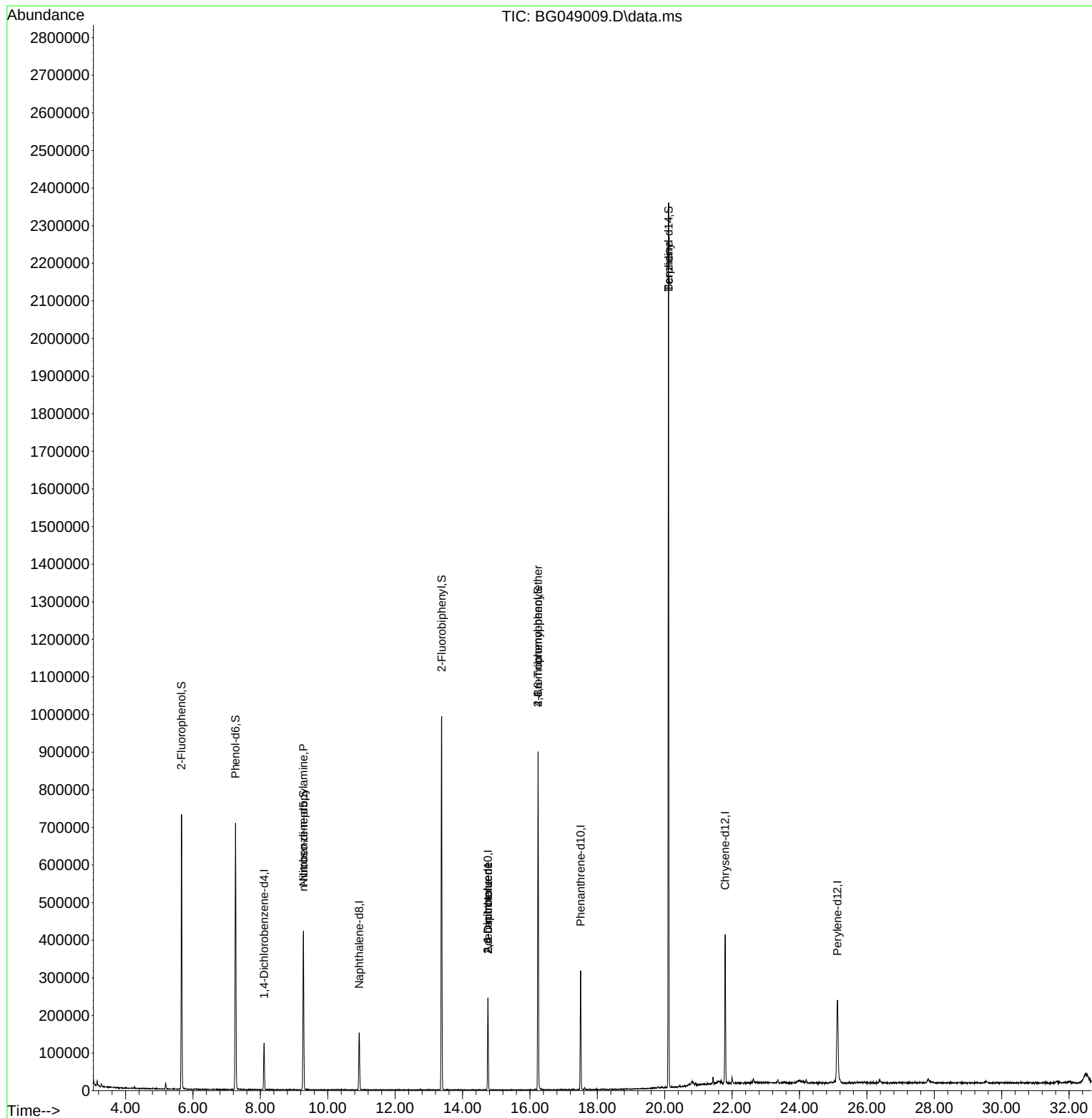
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	31760	20.000	ng	# 0.00
21) Naphthalene-d8	10.931	136	122242	20.000	ng	# 0.00
39) Acenaphthene-d10	14.756	164	88350	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	203317	20.000	ng	# 0.00
76) Chrysene-d12	21.795	240	245278	20.000	ng	0.00
86) Perylene-d12	25.126	264	248930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	273929	134.263	ng	0.00
7) Phenol-d6	7.265	99	353798	115.699	ng	0.00
23) Nitrobenzene-d5	9.280	82	252979	89.236	ng	0.00
42) 2,4,6-Tribromophenol	16.242	330	163682	125.047	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	518201	82.857	ng	0.00
79) Terphenyl-d14	20.114	244	1089807	81.372	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.274	70	37049	15.500	ng	# 71
51) 2,6-Dinitrotoluene	14.756	165	11498	8.204	ng	# 14
57) 2,4-Dinitrotoluene	14.756	165	11498	6.679	ng	# 20
67) 4-Bromophenyl-phenylether	16.242	248	11369	4.478	ng	# 1
77) Benzidine	20.114	184	21510	4.353	ng	# 94

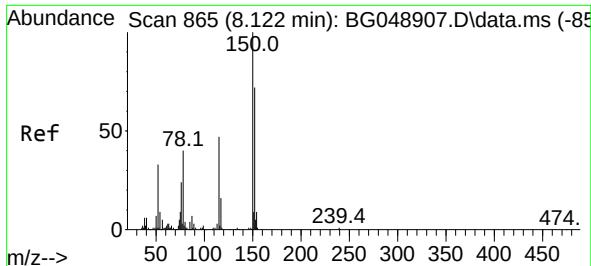
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 16 12:04:50 2021
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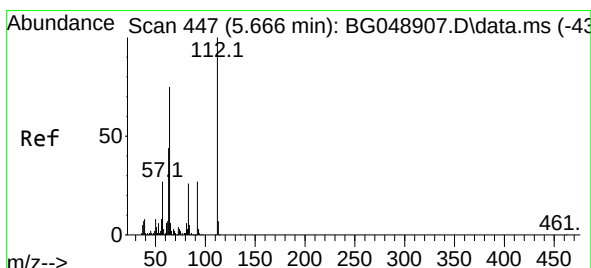
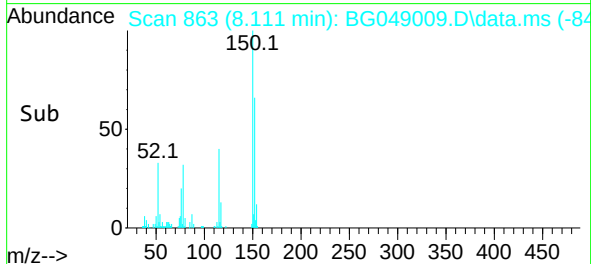
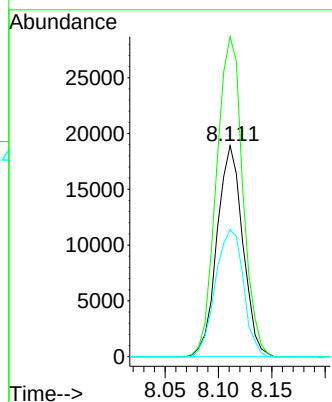
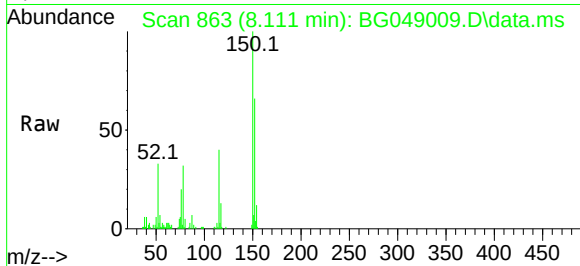




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

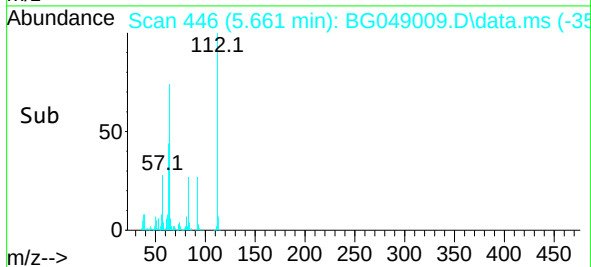
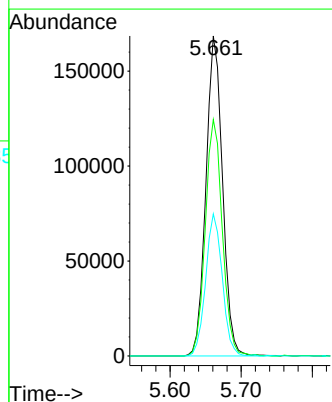
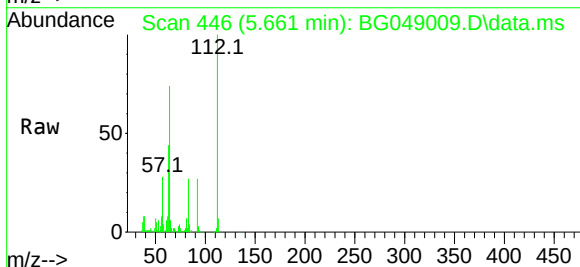
Instrument :
BNA_G
ClientSampleId :
PB137159TB

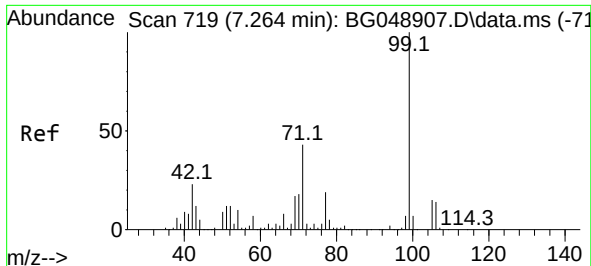
Tgt Ion:152 Resp: 31760
Ion Ratio Lower Upper
152 100
150 151.6 119.4 179.0
115 60.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 134.263 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

Tgt Ion:112 Resp: 273929
Ion Ratio Lower Upper
112 100
64 73.8 46.7 70.1#
63 44.4 35.3 52.9

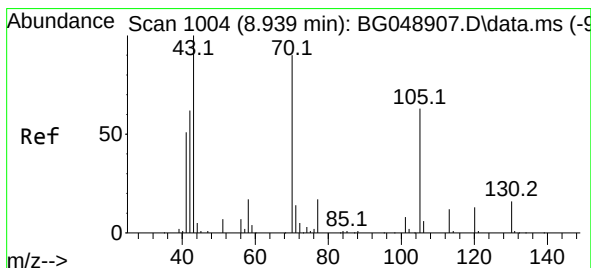
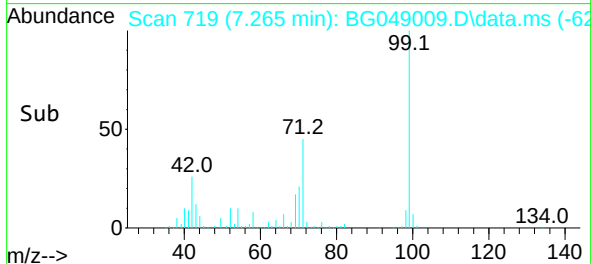
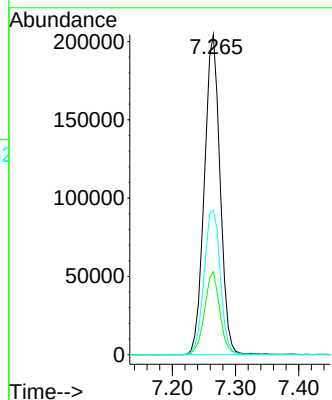
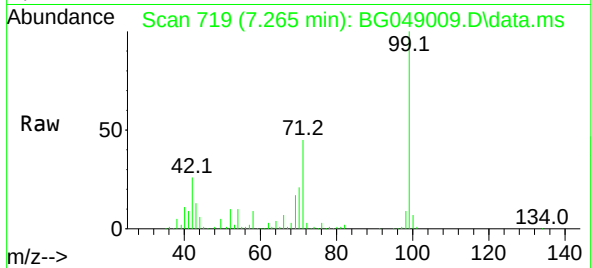




#7
Phenol-d6
Concen: 115.699 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

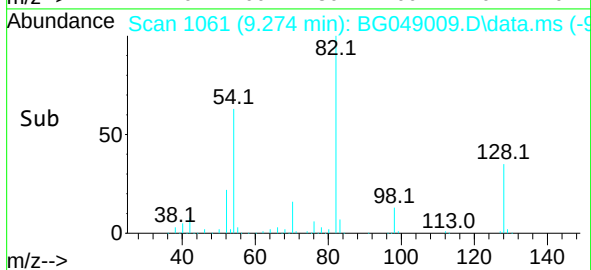
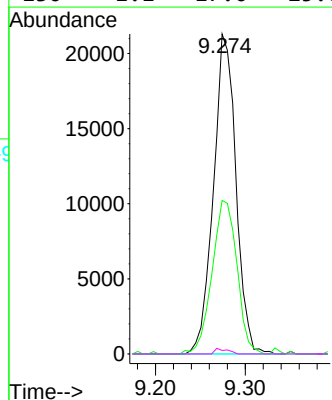
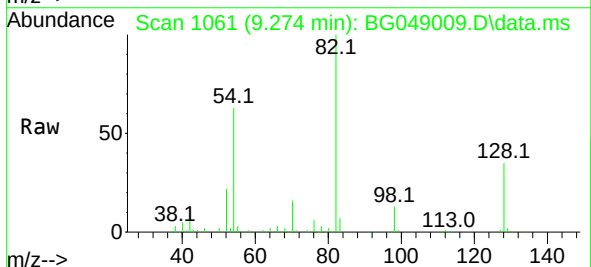
Instrument :
BNA_G
ClientSampleId :
PB137159TB

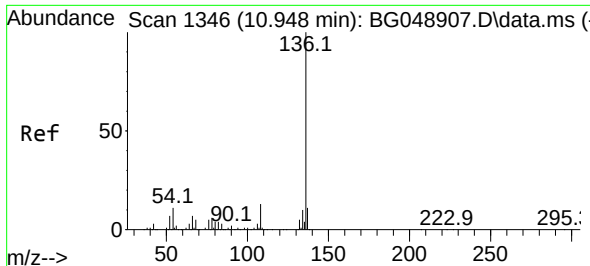
Tgt Ion: 99 Resp: 353798
Ion Ratio Lower Upper
99 100
42 25.9 20.5 30.7
71 45.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.500 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.350 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

Tgt Ion: 70 Resp: 37049
Ion Ratio Lower Upper
70 100
42 48.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

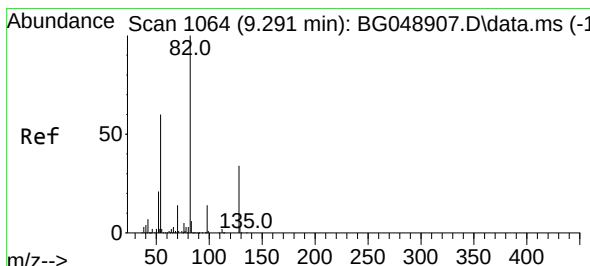
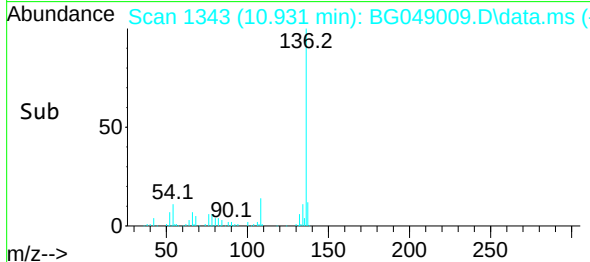
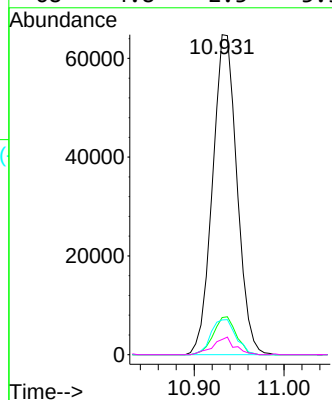
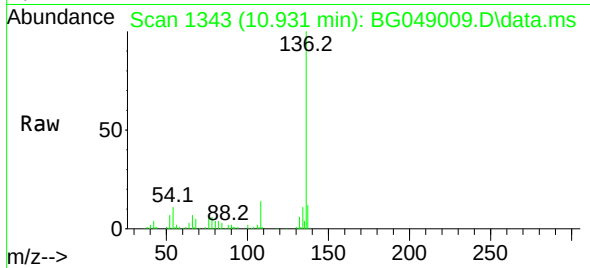




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1343
Delta R.T. -0.009 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

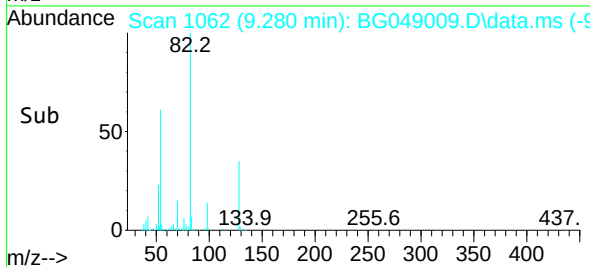
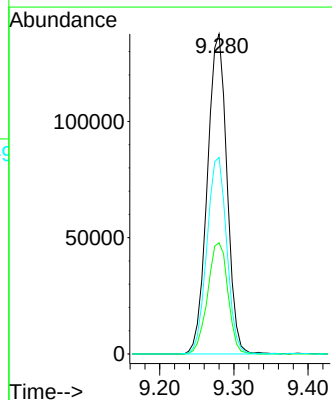
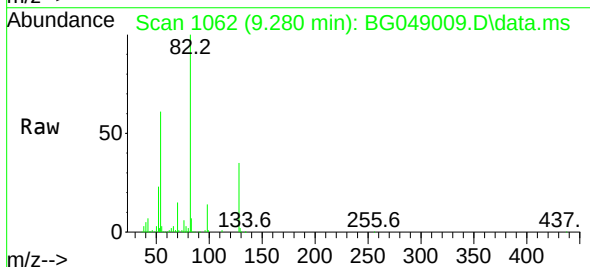
Instrument :
BNA_G
ClientSampleId :
PB137159TB

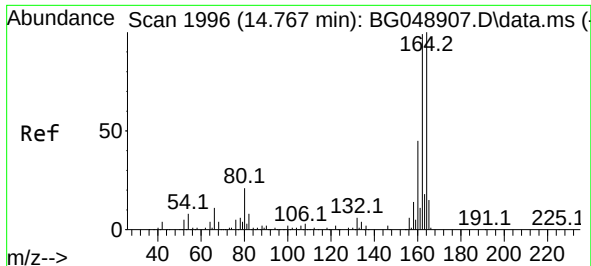
Tgt Ion:	136	Resp:	122242
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.2
54	10.9	5.5	8.3#
68	4.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 89.236 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

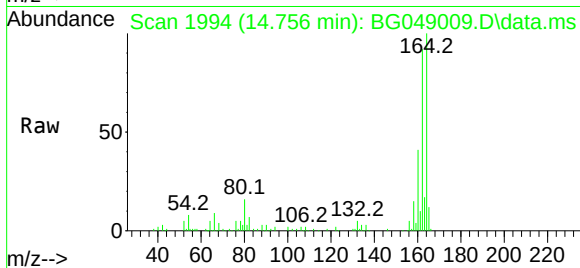
Tgt Ion:	82	Resp:	252979
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.8	44.6
54	61.4	45.8	68.8



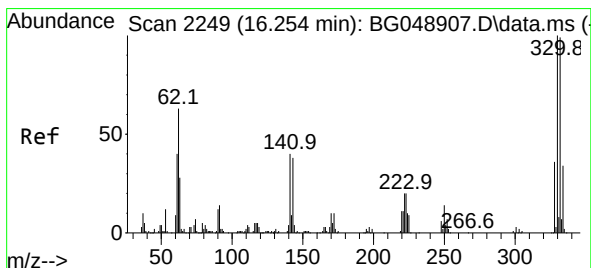
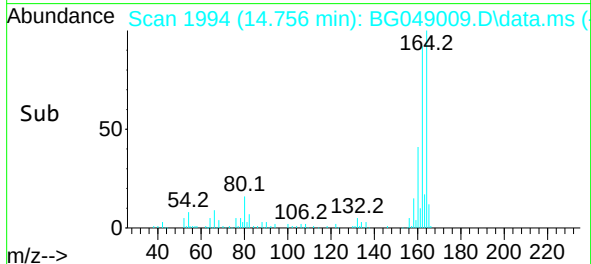
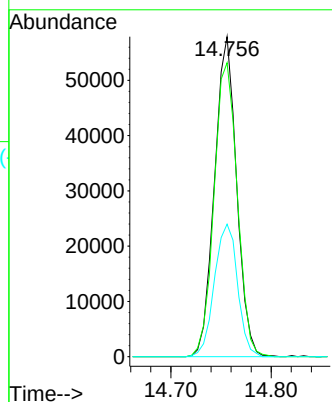


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

Instrument :
BNA_G
ClientSampleId :
PB137159TB

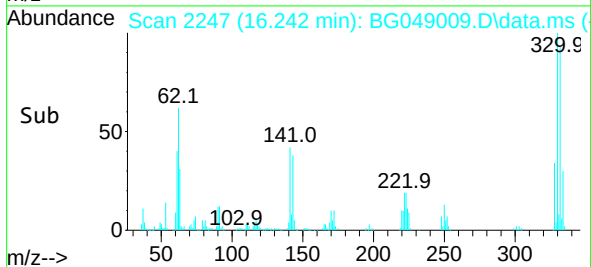
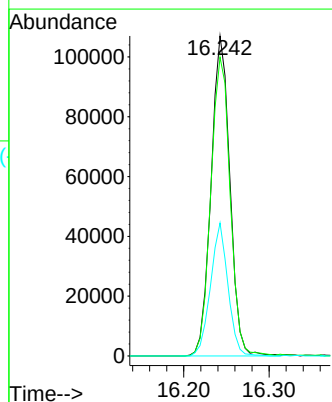
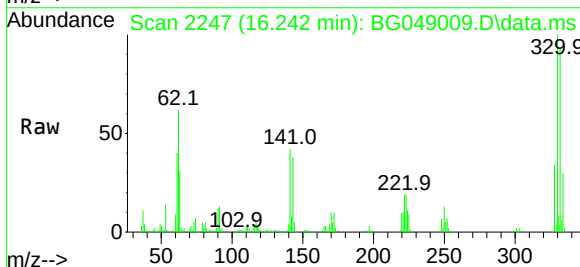


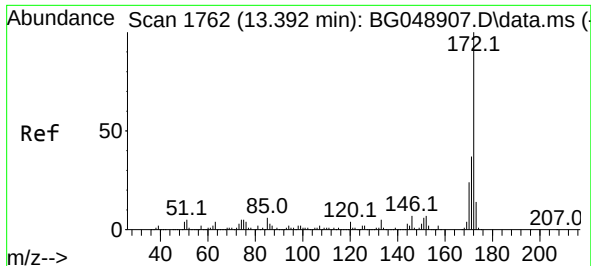
Tgt Ion:164 Resp: 88350
Ion Ratio Lower Upper
164 100
162 91.9 81.4 122.0
160 41.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 125.047 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

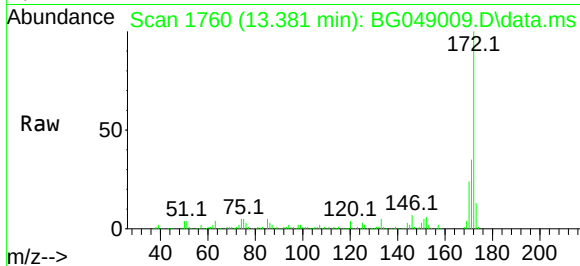
Tgt Ion:330 Resp: 163682
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 38.7 35.6 53.4



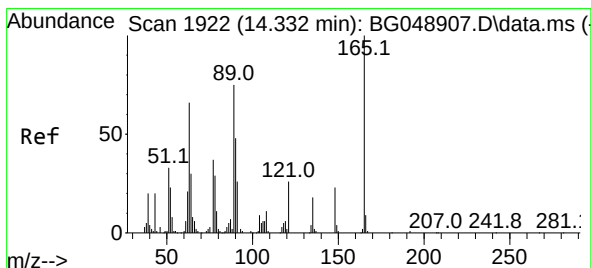
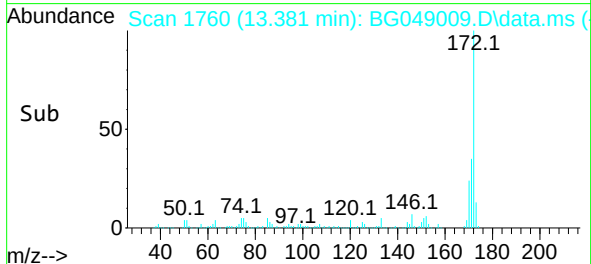
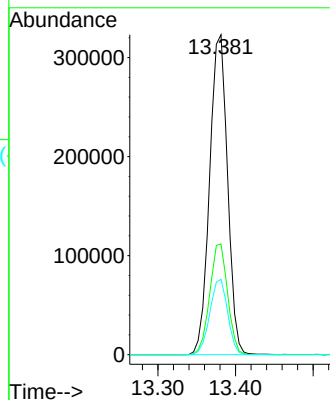


#45
2-Fluorobiphenyl
Concen: 82.857 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

Instrument :
BNA_G
ClientSampleId :
PB137159TB

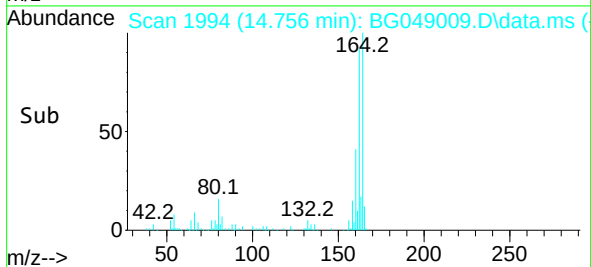
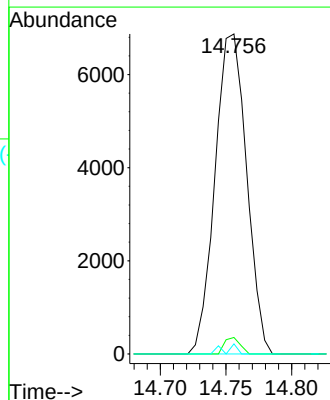
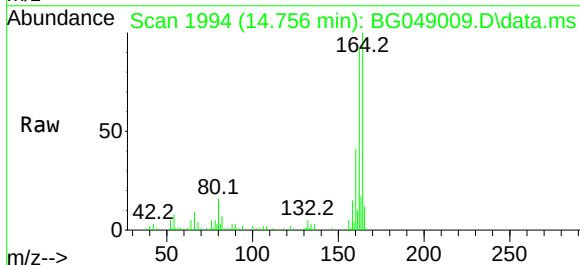


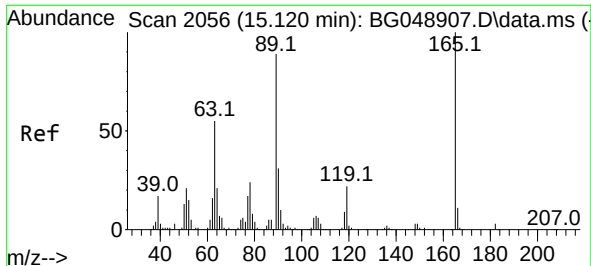
Tgt Ion:172 Resp: 518201
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.204 ng
RT: 14.756 min Scan# 1994
Delta R.T. 0.432 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

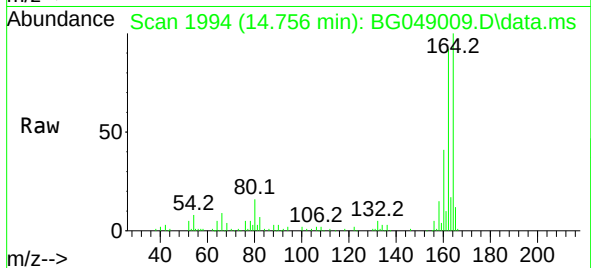
Tgt Ion:165 Resp: 11498
Ion Ratio Lower Upper
165 100
63 5.1 63.3 94.9#
89 3.1 63.4 95.0#



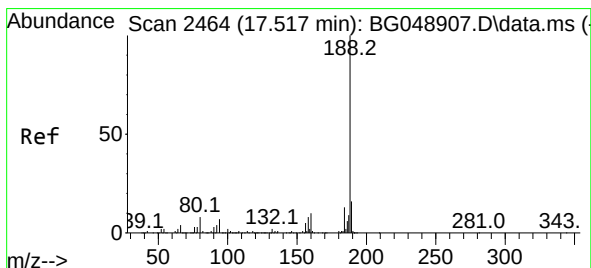
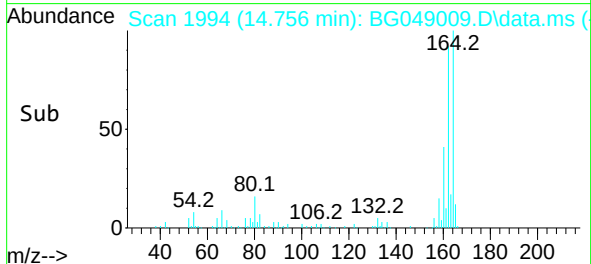
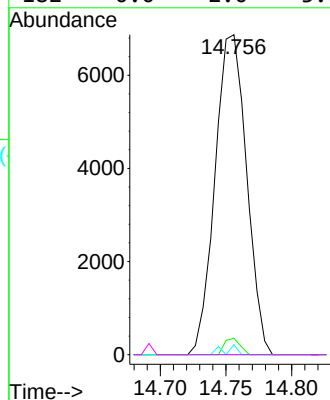


#57
2,4-Dinitrotoluene
Concen: 6.679 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.355 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

Instrument :
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ClientSampleId :
PB137159TB

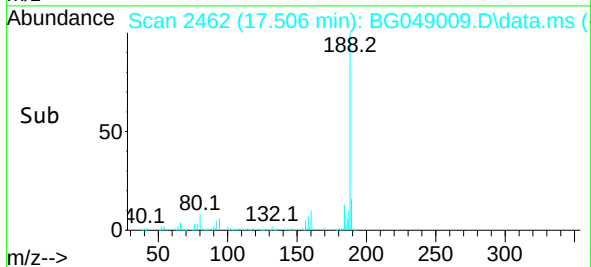
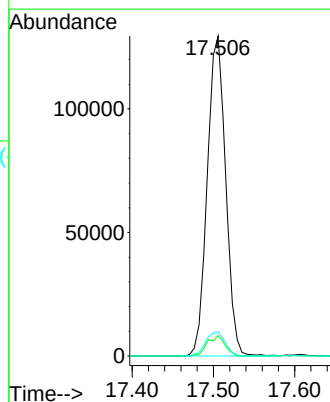
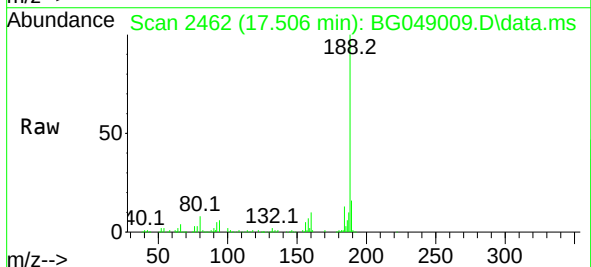


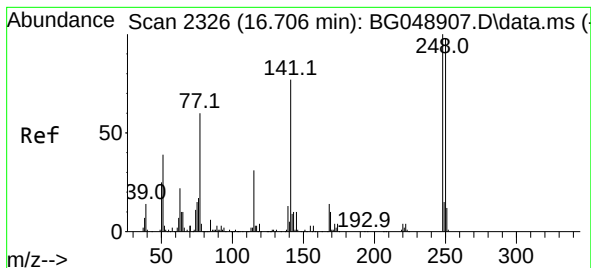
Tgt Ion:165 Resp: 11498
Ion Ratio Lower Upper
165 100
63 5.1 48.0 72.0#
89 3.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

Tgt Ion:188 Resp: 203317
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.6 3.7 5.5#

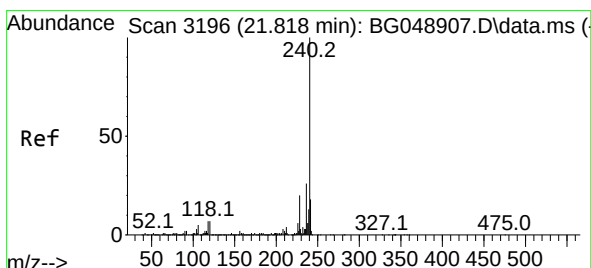
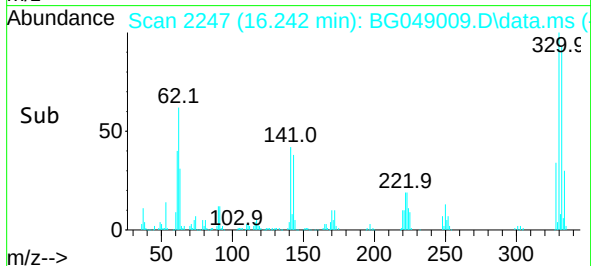
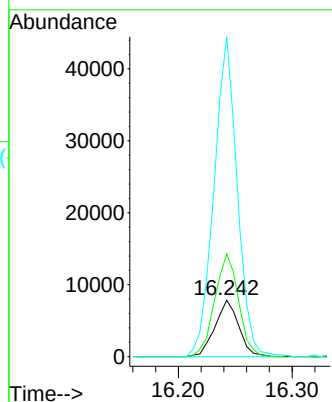
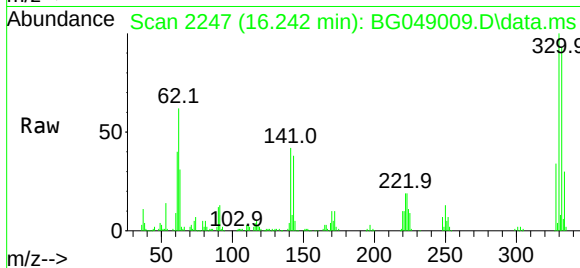




#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.449 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

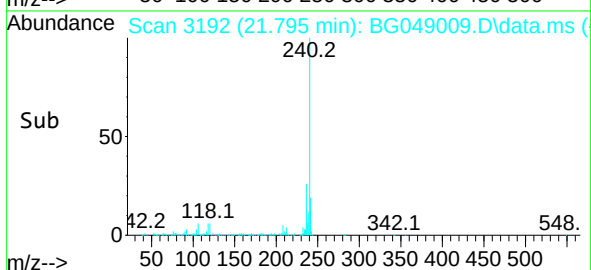
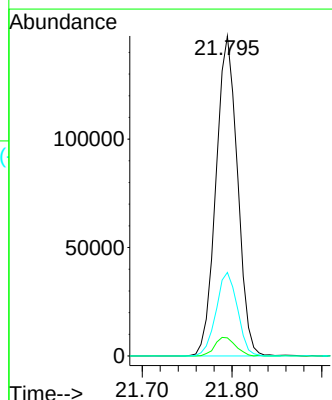
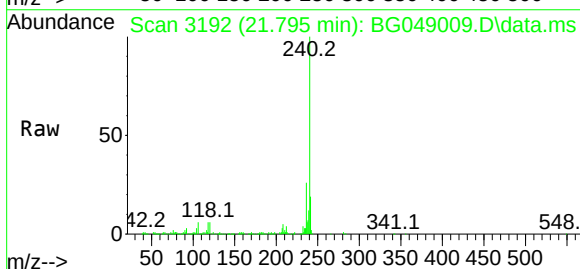
Instrument :
BNA_G
ClientSampleId :
PB137159TB

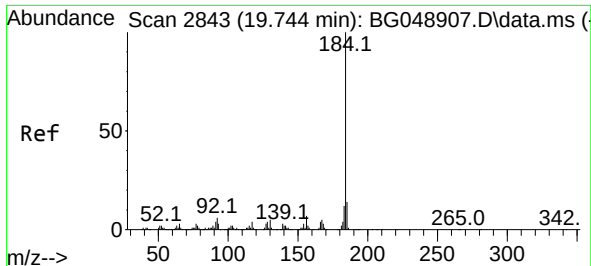
Tgt Ion:248 Resp: 11369
Ion Ratio Lower Upper
248 100
250 181.5 76.1 114.1#
141 565.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.795 min Scan# 3192
Delta R.T. -0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

Tgt Ion:240 Resp: 245278
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.1 21.8 32.6

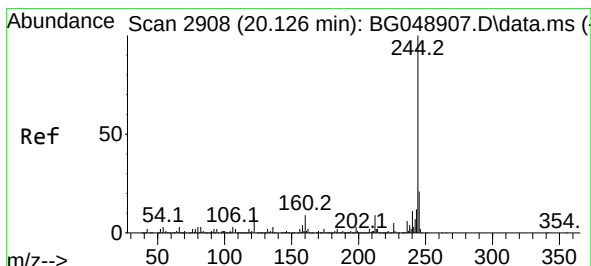
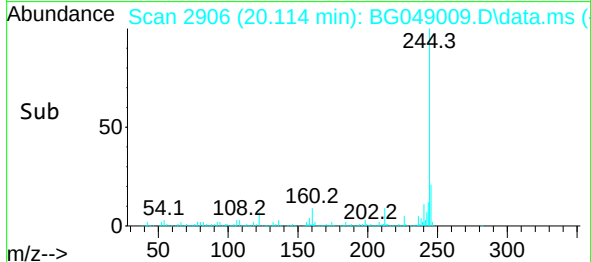
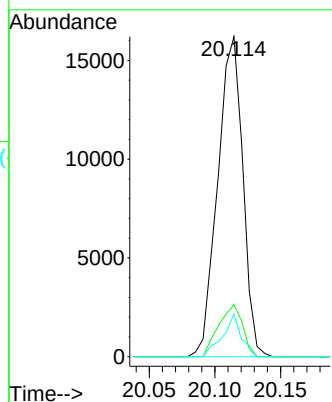
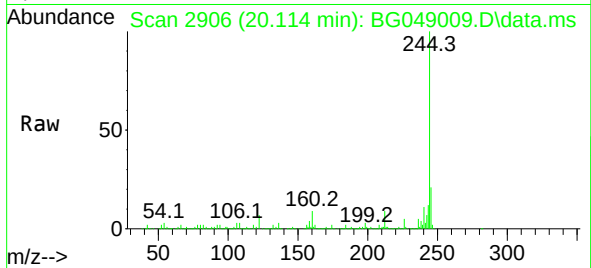




#77
Benzidine
Concen: 4.353 ng
RT: 20.114 min Scan# 2906
Delta R.T. 0.385 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

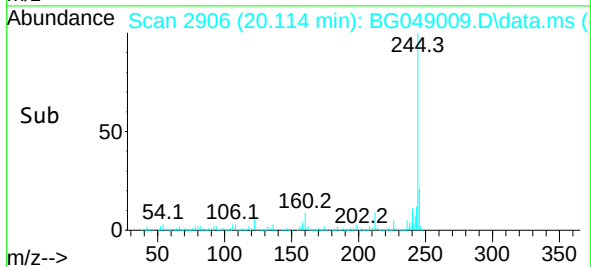
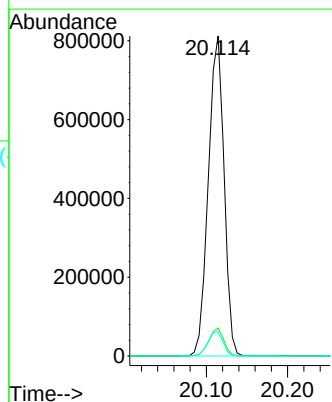
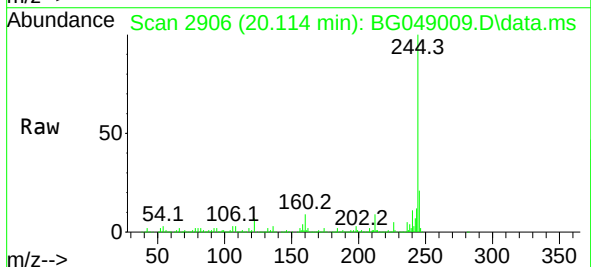
Instrument :
BNA_G
ClientSampleId :
PB137159TB

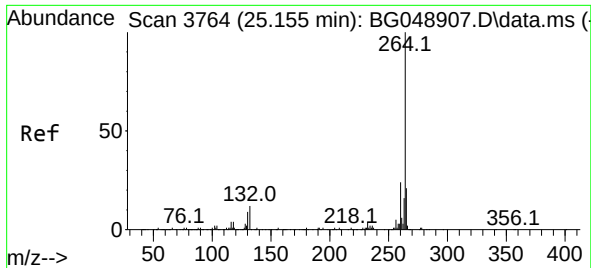
Tgt Ion:184 Resp: 21510
Ion Ratio Lower Upper
184 100
185 16.3 10.7 16.1#
183 13.2 9.4 14.0



#79
Terphenyl-d14
Concen: 81.372 ng
RT: 20.114 min Scan# 2906
Delta R.T. 0.003 min
Lab File: BG049009.D
Acq: 17 Jun 2021 10:29

Tgt Ion:244 Resp: 1089807
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 7.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.126 min Scan# 3759
 Delta R.T. -0.003 min
 Lab File: BG049009.D
 Acq: 17 Jun 2021 10:29

Instrument :
 BNA_G
 ClientSampleId :
 PB137159TB

Tgt Ion:264 Resp: 248930
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 20.0 16.9 25.3

