

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
 Data File : BG049086.D
 Acq On : 24 Jun 2021 19:35
 Operator : CG/JU
 Sample : M2799-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 25 05:33:05 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)

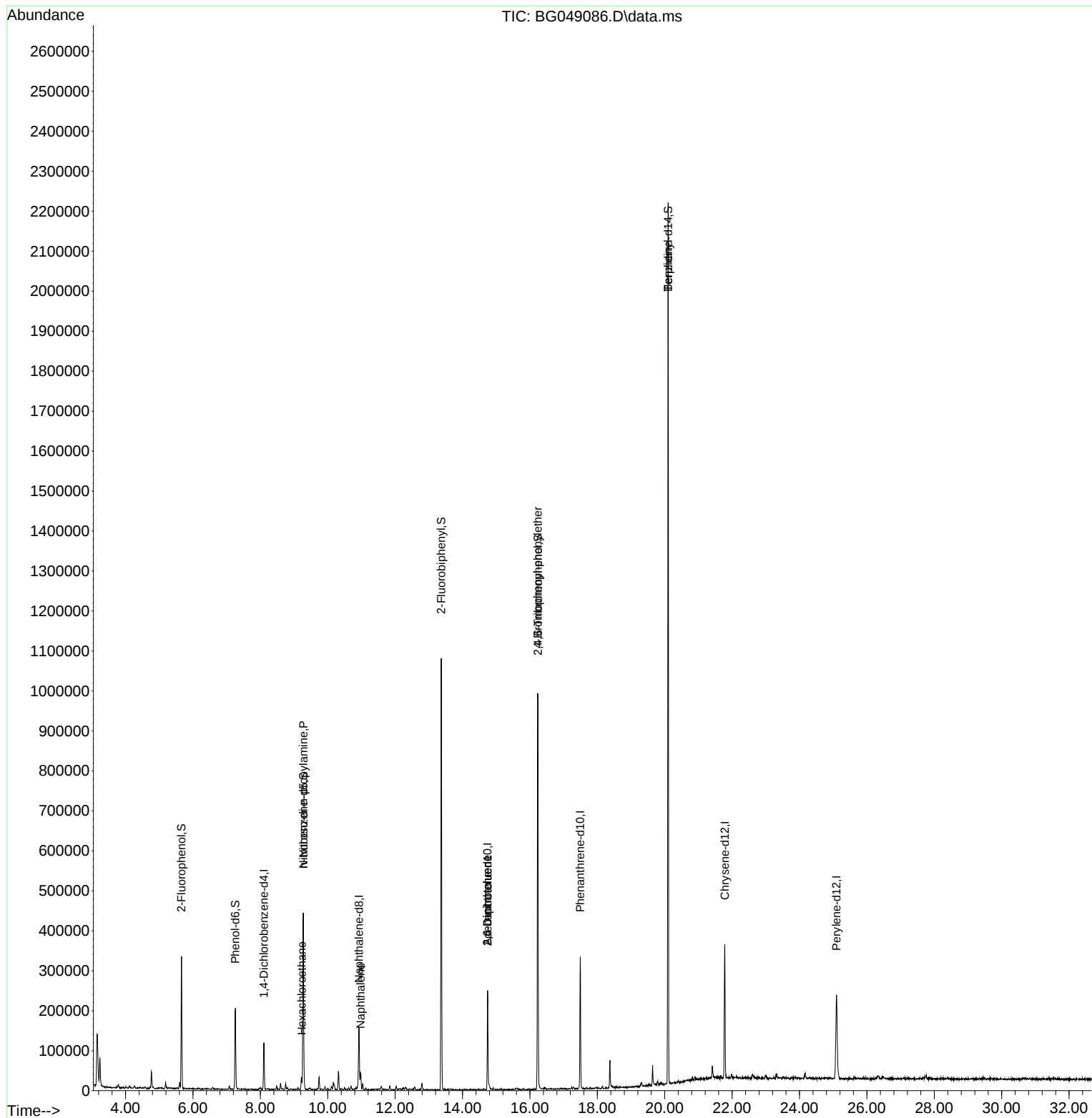
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	30107	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	124120	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	88355	20.000	ng	0.00
64) Phenanthrene-d10	17.493	188	207063	20.000	ng	# 0.00
76) Chrysene-d12	21.782	240	221155	20.000	ng	0.00
86) Perylene-d12	25.096	264	234494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	130148	67.293	ng	0.00
7) Phenol-d6	7.258	99	102818	35.469	ng	0.00
23) Nitrobenzene-d5	9.273	82	260542	90.514	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	202902	155.001	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	556201	88.928	ng	0.00
79) Terphenyl-d14	20.102	244	1061200	87.879	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.226	117	5934	6.230	ng	# 29
19) n-Nitroso-di-n-propyla...	9.273	70	39226	17.312	ng	# 74
31) Naphthalene	10.971	128	23427	3.168	ng	# 94
51) 2,6-Dinitrotoluene	14.743	165	11535	8.230	ng	# 13
57) 2,4-Dinitrotoluene	14.743	165	11535	6.700	ng	# 18
67) 4-Bromophenyl-phenylether	16.230	248	13383	5.176	ng	# 1
77) Benzidine	20.102	184	19628	4.406	ng	# 90

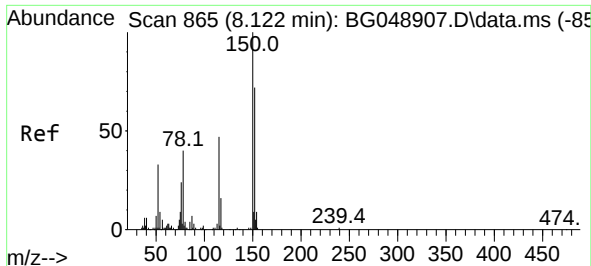
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
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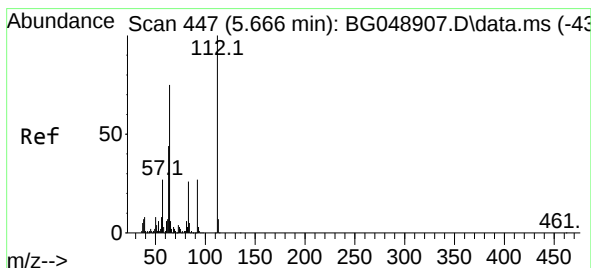
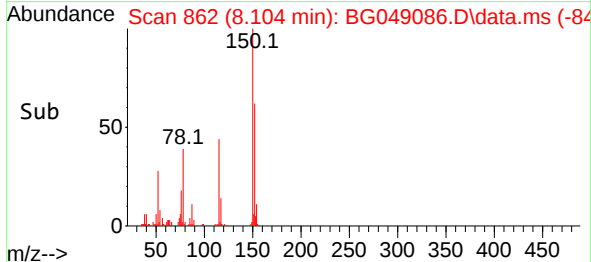
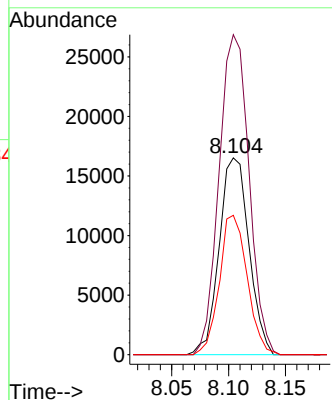
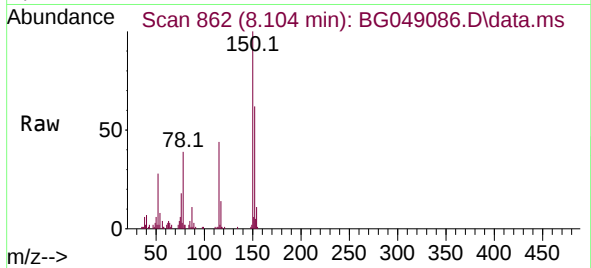




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 862
Delta R.T. -0.001 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

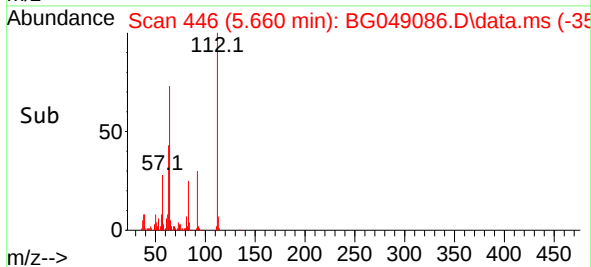
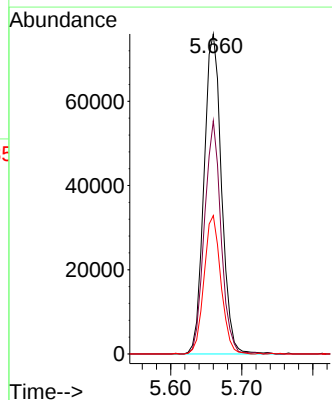
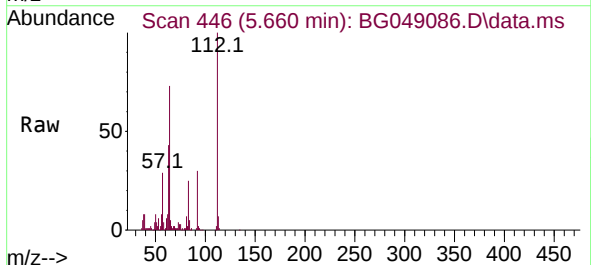
Instrument :
BNA_G
ClientSampled :

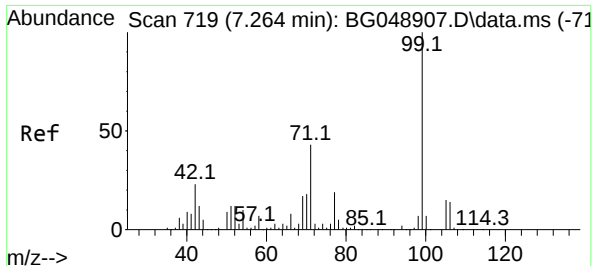
Tgt Ion:152 Resp: 30107
Ion Ratio Lower Upper
152 100
150 162.5 119.4 179.0
115 70.8 60.2 90.4



#5
2-Fluorophenol
Concen: 67.293 ng
RT: 5.660 min Scan# 446
Delta R.T. 0.005 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

Tgt Ion:112 Resp: 130148
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 43.2 35.3 52.9

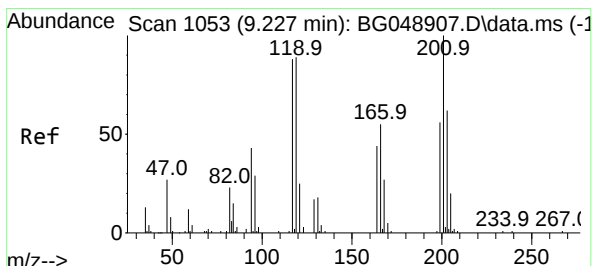
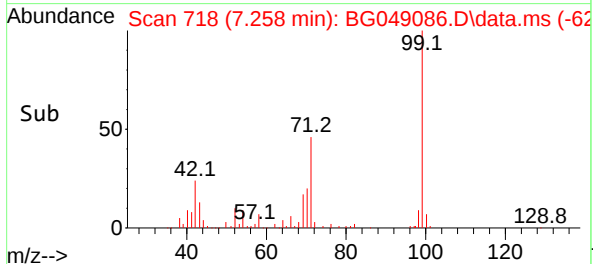
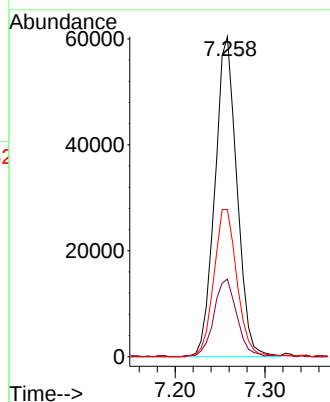
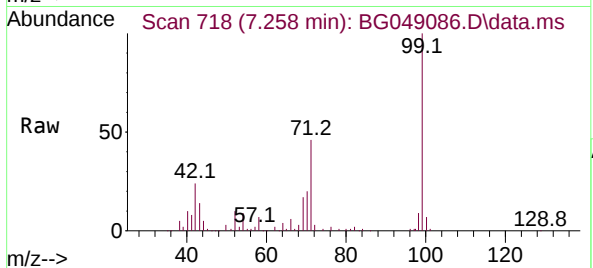




#7
Phenol-d6
Concen: 35.469 ng
RT: 7.258 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

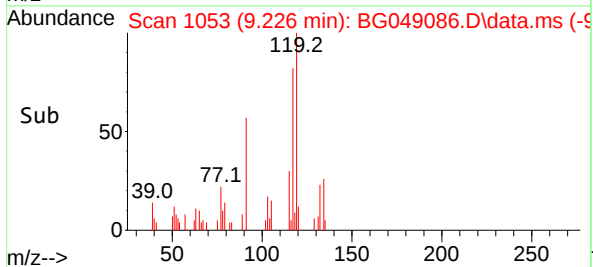
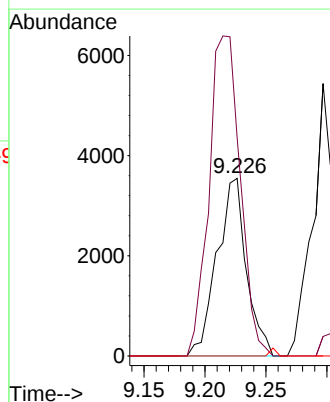
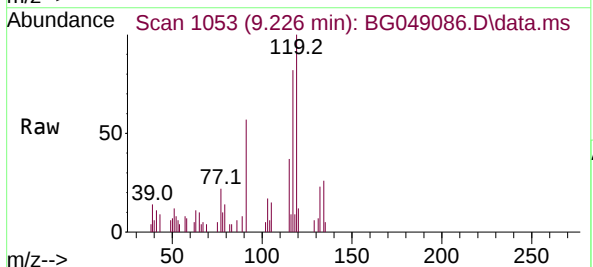
Instrument :
BNA_G
ClientSampled :

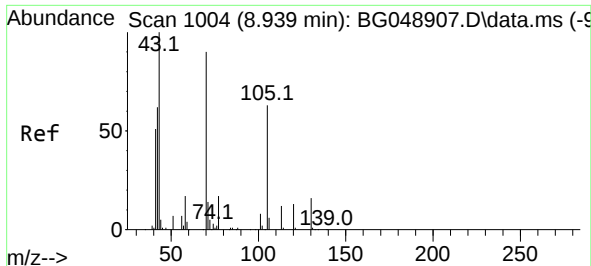
Tgt Ion: 99 Resp: 102818
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 46.0 41.5 62.3



#18
Hexachloroethane
Concen: 6.230 ng
RT: 9.226 min Scan# 1053
Delta R.T. 0.028 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

Tgt Ion: 117 Resp: 5934
Ion Ratio Lower Upper
117 100
119 122.6 74.4 111.6#
201 0.0 88.6 133.0#

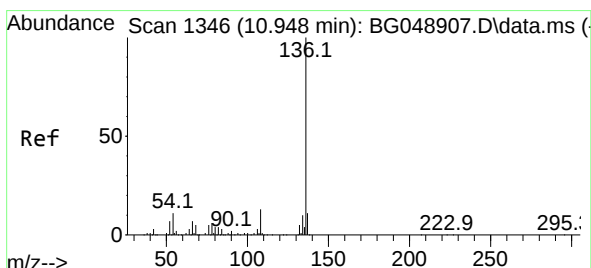
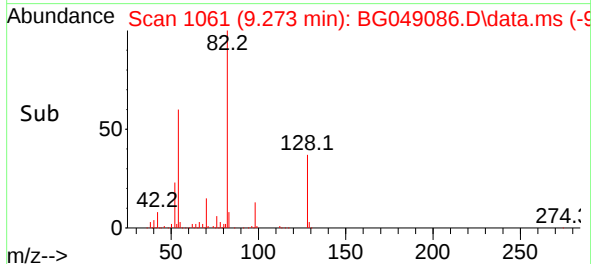
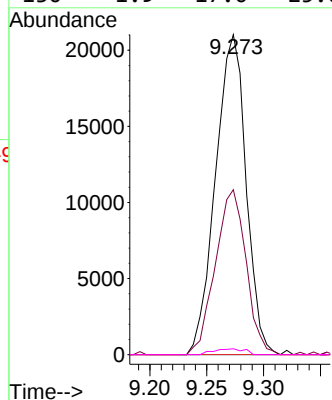
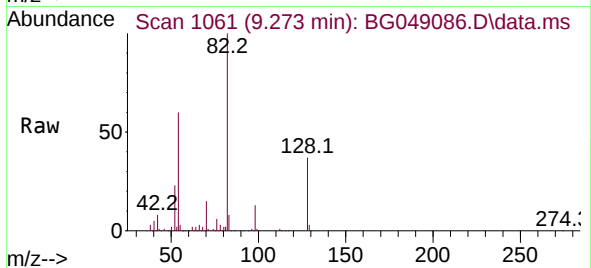




#19
n-Nitroso-di-n-propylamine
Concen: 17.312 ng
RT: 9.273 min Scan# 1061
Delta R.T. 0.363 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

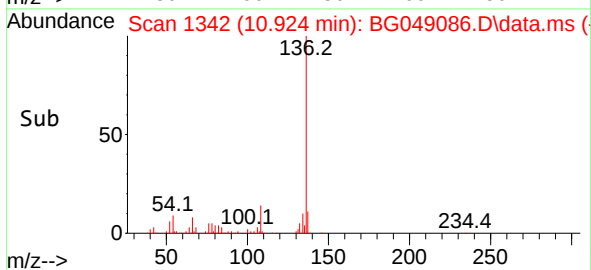
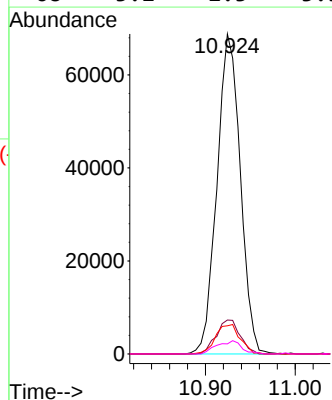
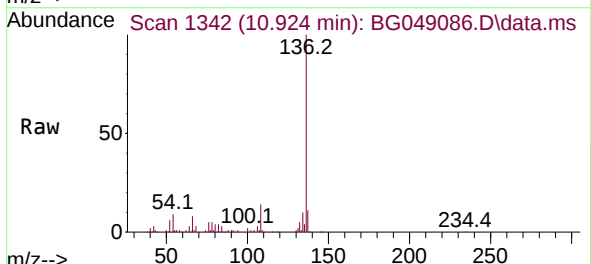
Instrument :
BNA_G
ClientSampled :

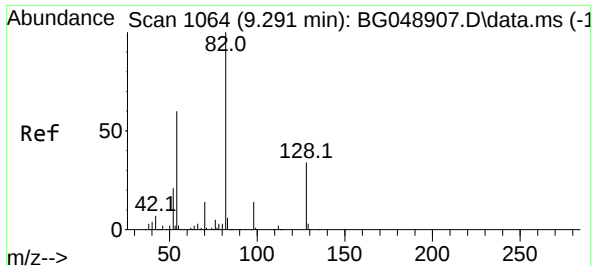
Tgt Ion:	70	Resp:	39226
Ion	Ratio	Lower	Upper
70	100		
42	51.6	54.5	81.7#
101	0.0	9.0	13.6#
130	1.9	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

Tgt Ion:	136	Resp:	124120
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	8.8	5.5	8.3#
68	3.2	2.3	3.5

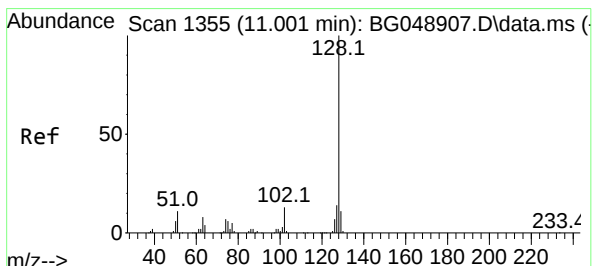
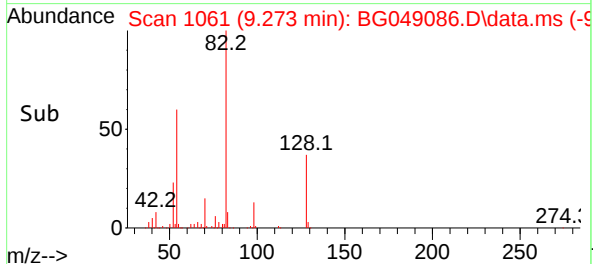
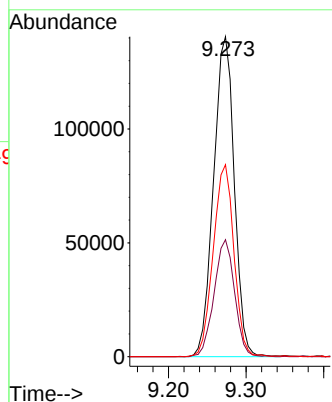
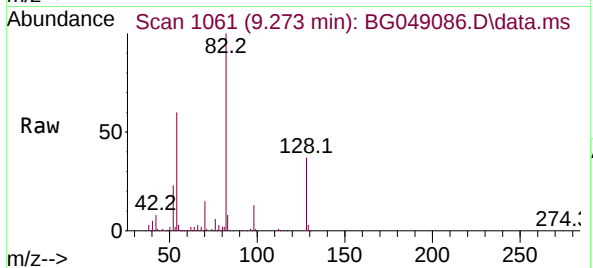




#23
Nitrobenzene-d5
Concen: 90.514 ng
RT: 9.273 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

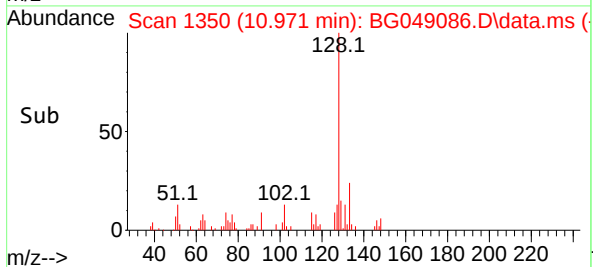
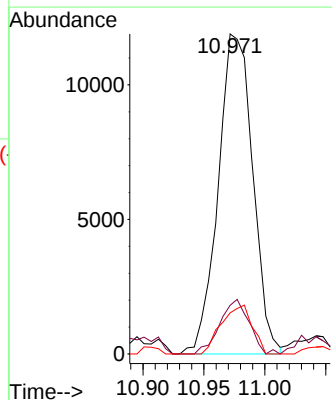
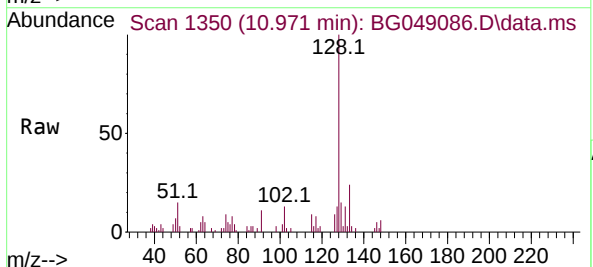
Instrument :
BNA_G
ClientSampleId :

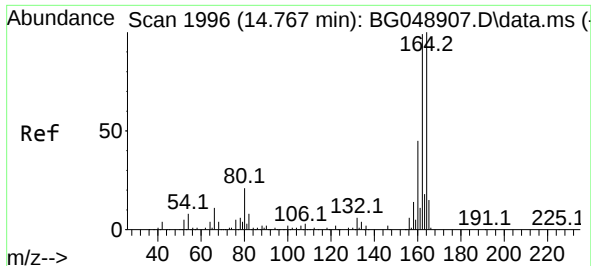
Tgt Ion: 82 Resp: 260542
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 60.0 45.8 68.8



#31
Naphthalene
Concen: 3.168 ng
RT: 10.971 min Scan# 1350
Delta R.T. -0.007 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

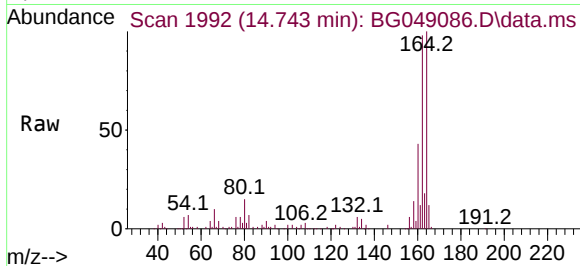
Tgt Ion: 128 Resp: 23427
Ion Ratio Lower Upper
128 100
129 15.2 8.5 12.7#
127 12.8 10.2 15.4



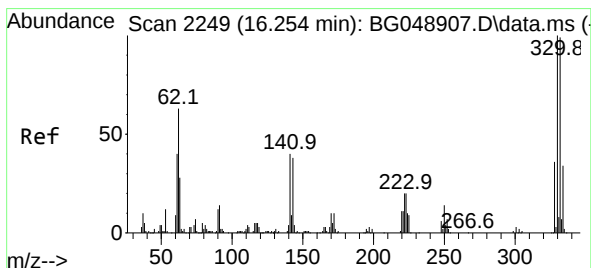
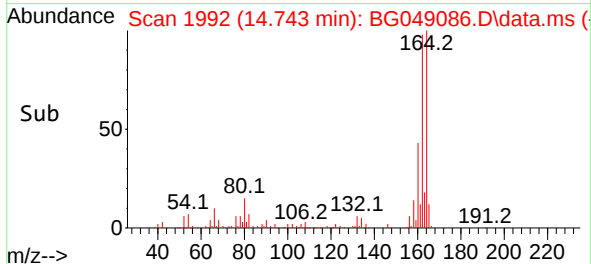
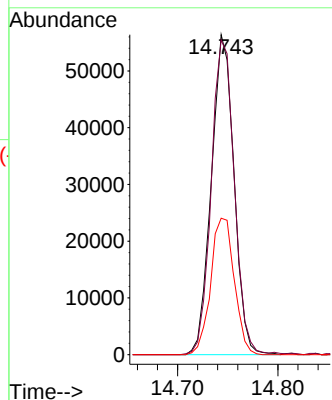


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.007 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

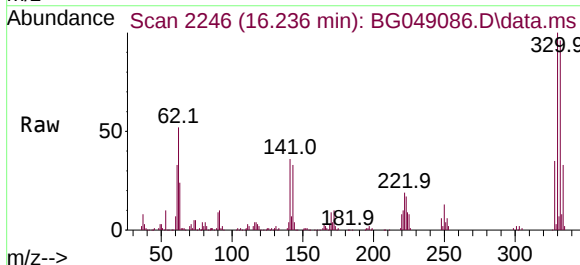
Instrument :
BNA_G
ClientSampled :



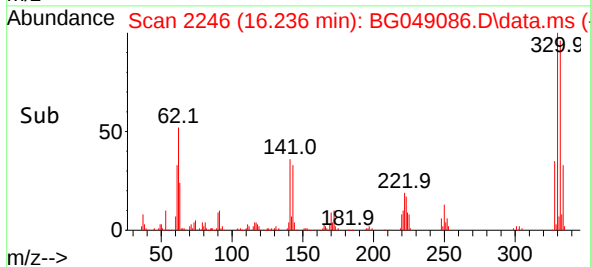
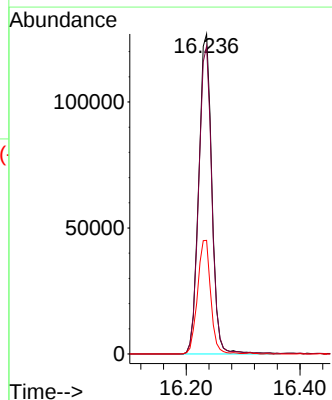
Tgt Ion:164 Resp: 88355
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 42.6 34.9 52.3

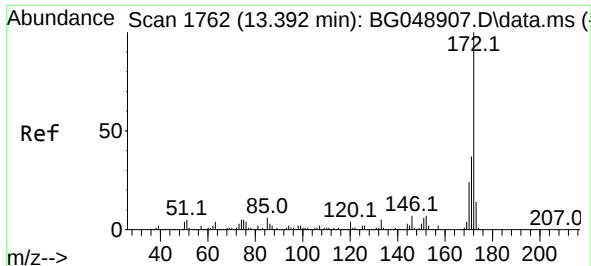


#42
2,4,6-Tribromophenol
Concen: 155.001 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.001 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35



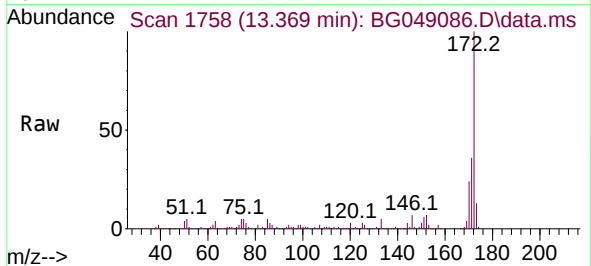
Tgt Ion:330 Resp: 202902
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 35.9 35.6 53.4



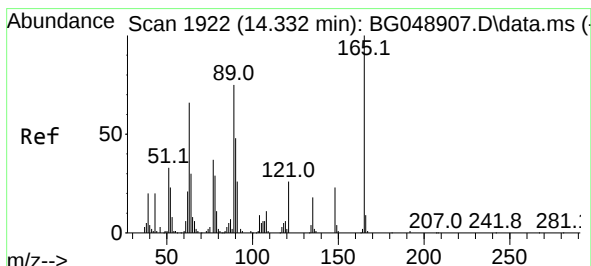
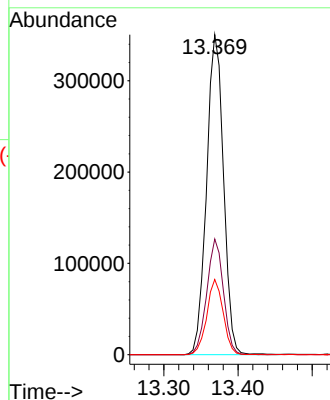
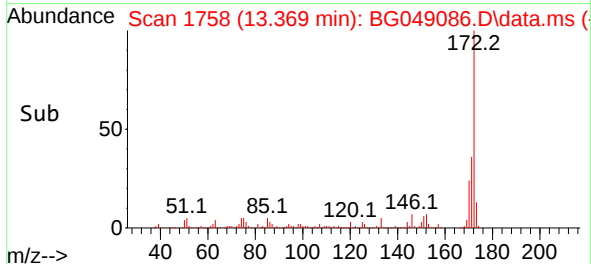


#45
2-Fluorobiphenyl
Concen: 88.928 ng
RT: 13.369 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

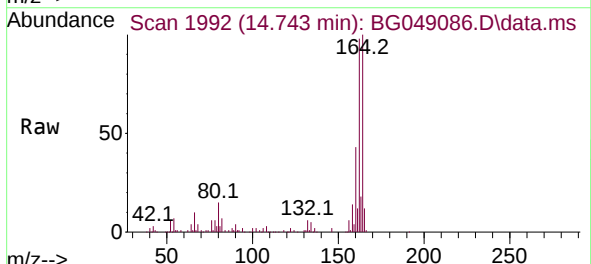
Instrument :
BNA_G
ClientSampleId :



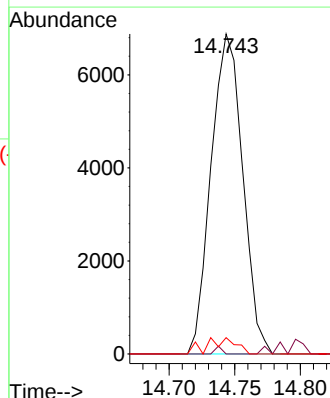
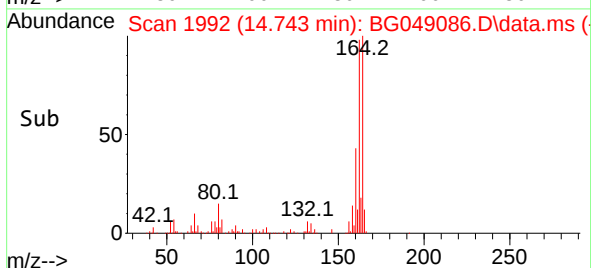
Tgt Ion:172 Resp: 556201
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.5 18.6 27.8

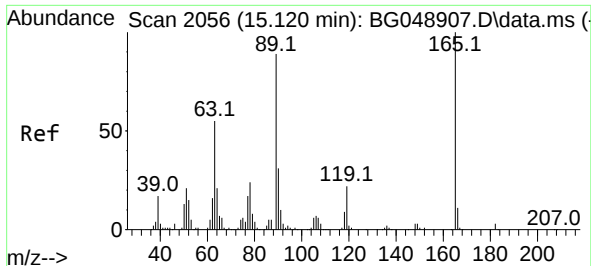


#51
2,6-Dinitrotoluene
Concen: 8.230 ng
RT: 14.743 min Scan# 1992
Delta R.T. 0.428 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35



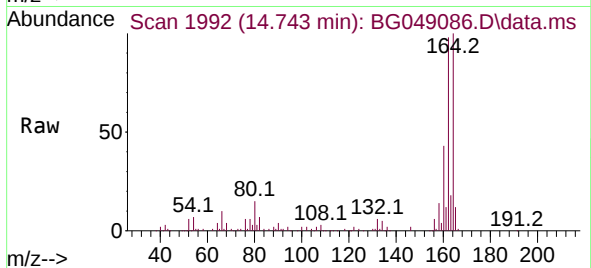
Tgt Ion:165 Resp: 11535
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 5.1 63.4 95.0#



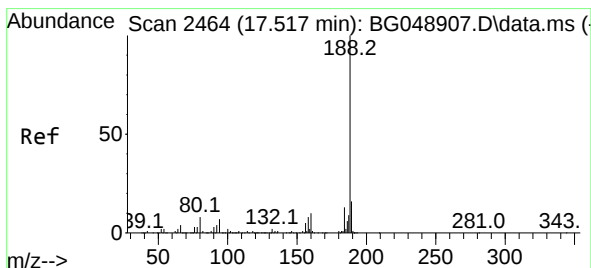
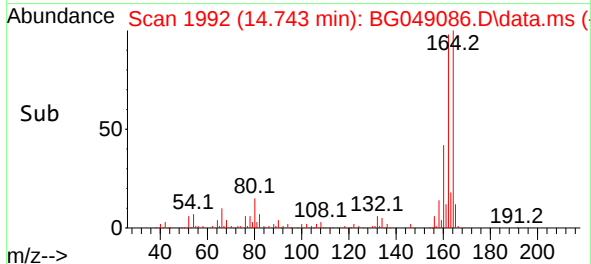
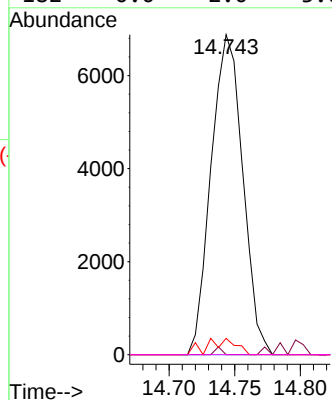


#57
2,4-Dinitrotoluene
Concen: 6.700 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.360 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

Instrument :
BNA_G
ClientSampled :

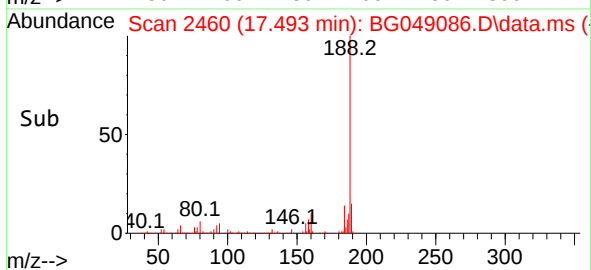
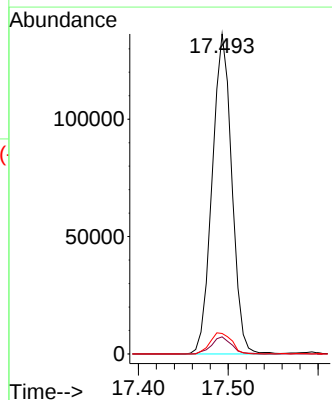
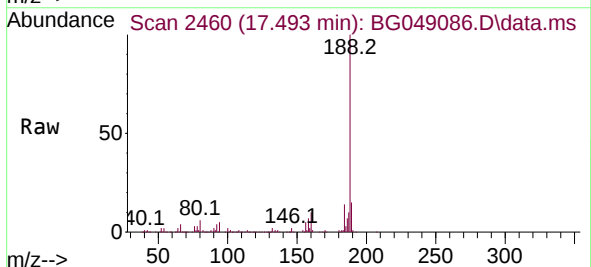


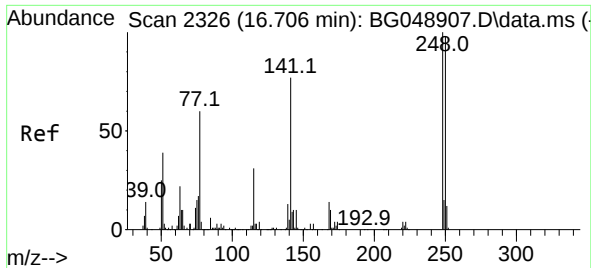
Tgt Ion:165 Resp: 11535
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 5.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

Tgt Ion:188 Resp: 207063
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 6.4 3.7 5.5#

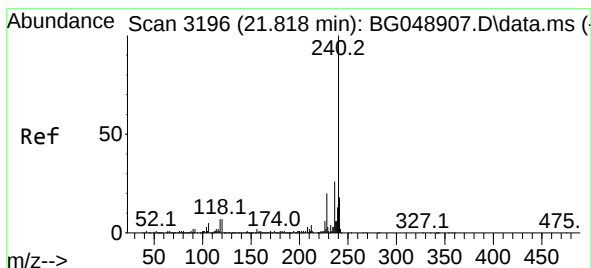
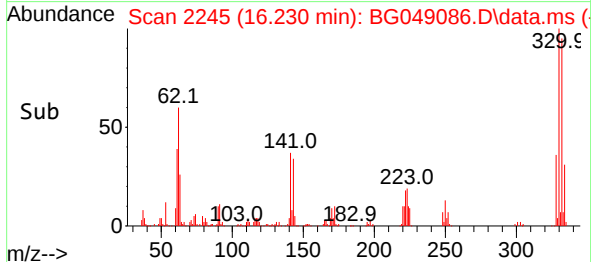
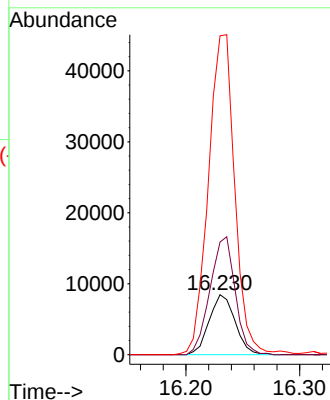
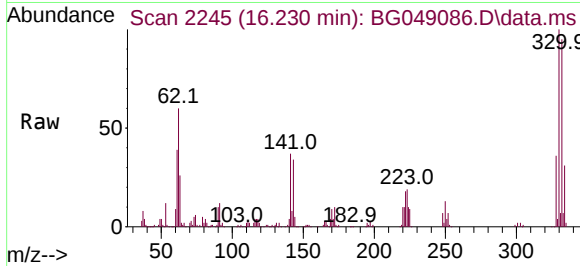




#67
4-Bromophenyl-phenylether
Concen: 5.176 ng
RT: 16.230 min Scan# 2245
Delta R.T. -0.454 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

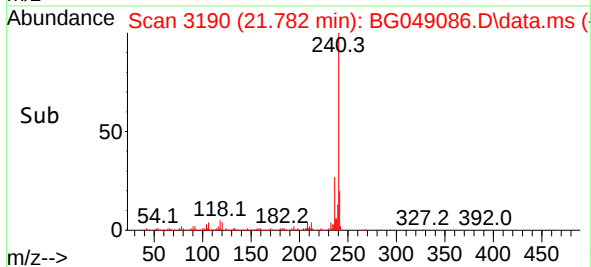
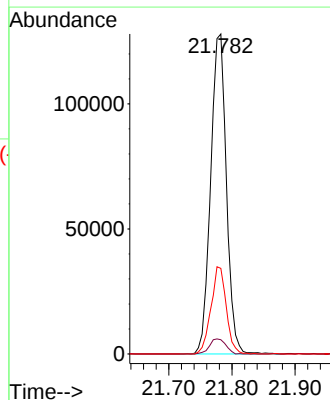
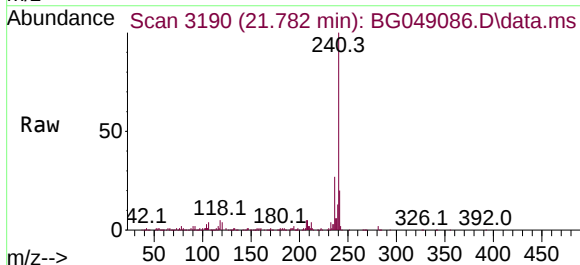
Instrument :
BNA_G
ClientSampleId :

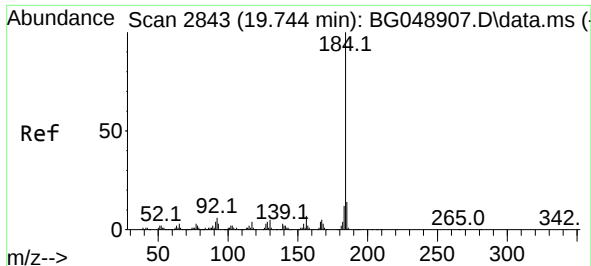
Tgt Ion:248 Resp: 13383
Ion Ratio Lower Upper
248 100
250 187.9 76.1 114.1#
141 531.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.782 min Scan# 3190
Delta R.T. -0.007 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

Tgt Ion:240 Resp: 221155
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 26.8 21.8 32.6

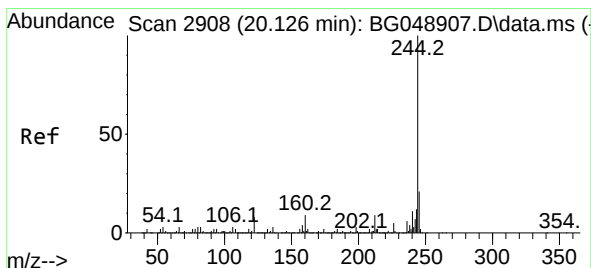
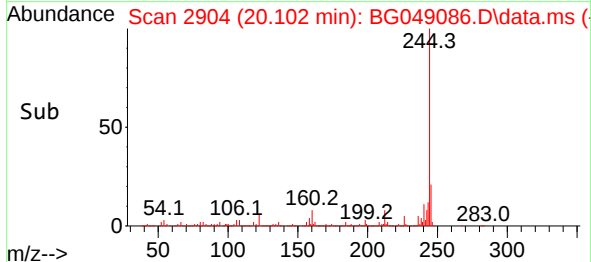
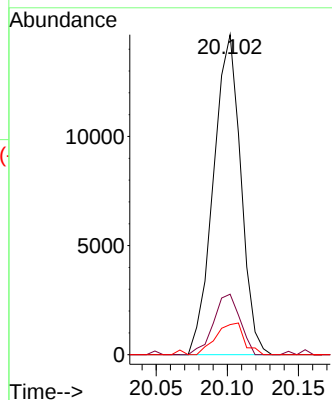
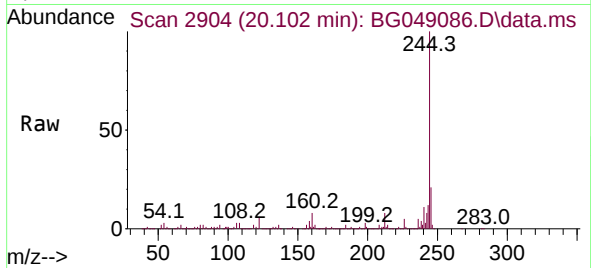




#77
Benzidine
Concen: 4.406 ng
RT: 20.102 min Scan# 2904
Delta R.T. 0.381 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

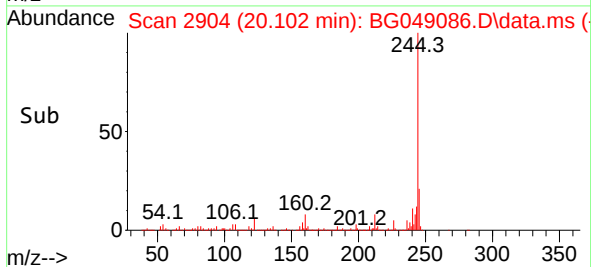
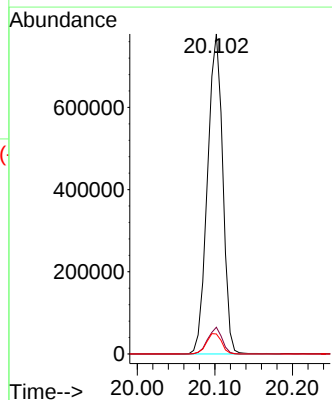
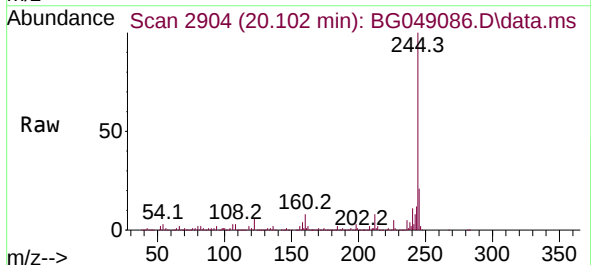
Instrument :
BNA_G
ClientSampled :

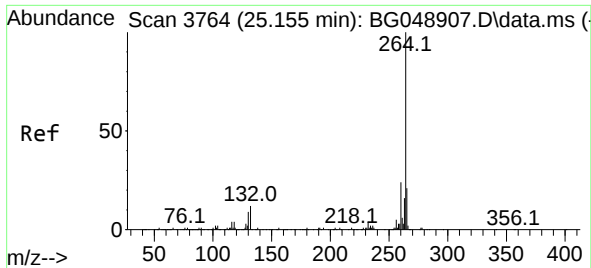
Tgt Ion:184 Resp: 19628
Ion Ratio Lower Upper
184 100
185 18.9 10.7 16.1#
183 9.4 9.4 14.0



#79
Terphenyl-d14
Concen: 87.879 ng
RT: 20.102 min Scan# 2904
Delta R.T. -0.001 min
Lab File: BG049086.D
Acq: 24 Jun 2021 19:35

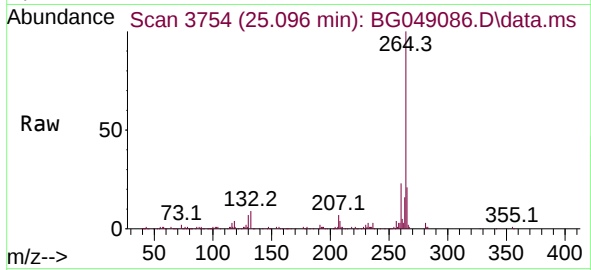
Tgt Ion:244 Resp: 1061200
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.096 min Scan# 3754
 Delta R.T. -0.007 min
 Lab File: BG049086.D
 Acq: 24 Jun 2021 19:35

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 234494

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.3	16.9	25.3

