

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
 Data File : BG049087.D
 Acq On : 24 Jun 2021 20:16
 Operator : CG/JU
 Sample : M2799-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 25 05:33:16 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)

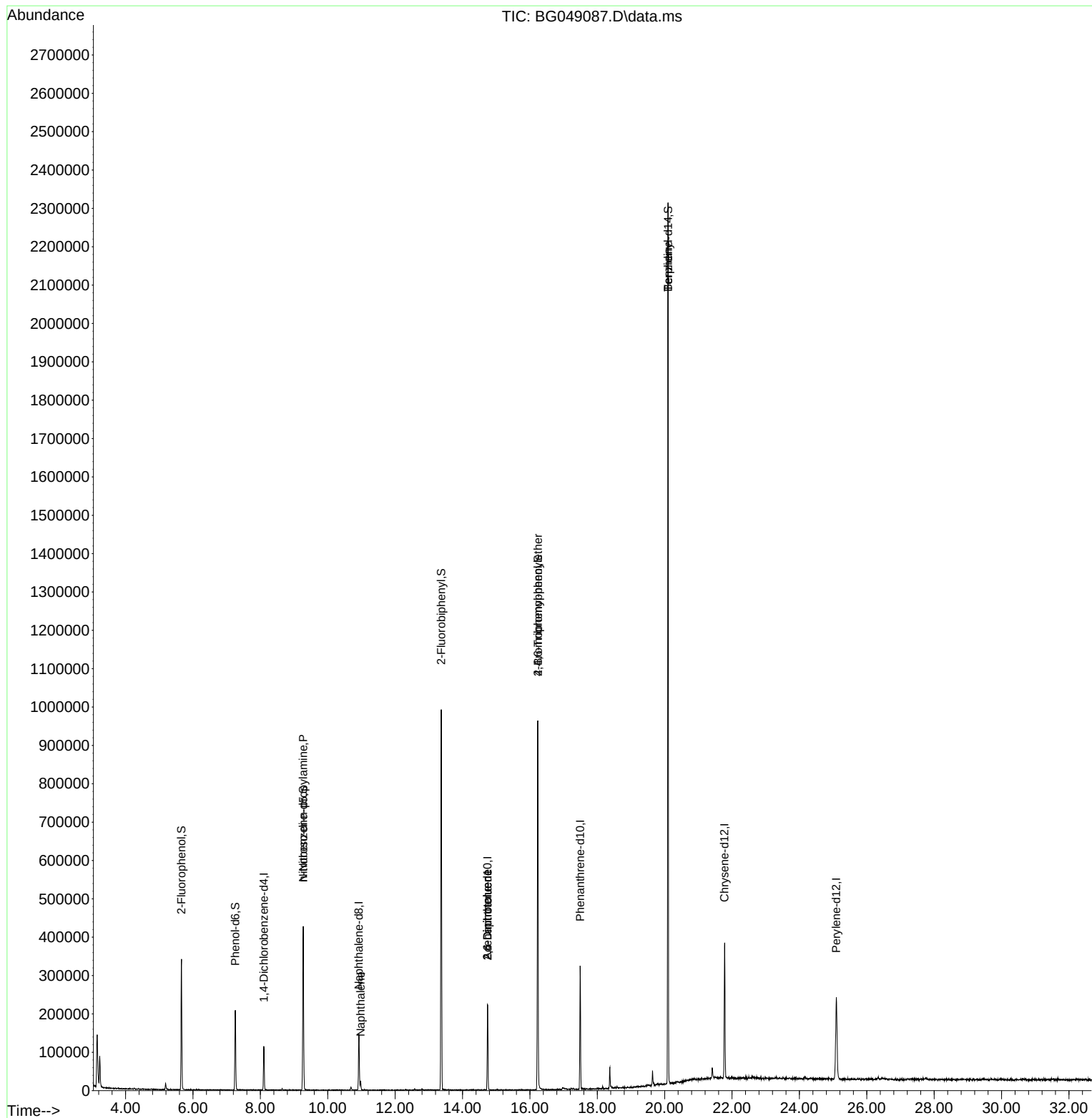
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	29593	20.000	ng	0.00
21) Naphthalene-d8	10.923	136	118136	20.000	ng	# 0.00
39) Acenaphthene-d10	14.742	164	82485	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	204108	20.000	ng	# 0.00
76) Chrysene-d12	21.775	240	229928	20.000	ng	-0.01
86) Perylene-d12	25.095	264	244650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	131273	69.053	ng	0.00
7) Phenol-d6	7.257	99	111168	39.016	ng	0.00
23) Nitrobenzene-d5	9.272	82	252387	92.122	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	197977	162.002	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	531238	90.981	ng	0.00
79) Terphenyl-d14	20.101	244	1089045	86.744	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.272	70	37441	16.811	ng	# 69
31) Naphthalene	10.976	128	18227	2.590	ng	# 92
51) 2,6-Dinitrotoluene	14.742	165	11727	8.962	ng	# 11
57) 2,4-Dinitrotoluene	14.742	165	11727	7.296	ng	# 16
67) 4-Bromophenyl-phenylether	16.235	248	13100	5.140	ng	# 1
77) Benzidine	20.101	184	20030	4.324	ng	# 92

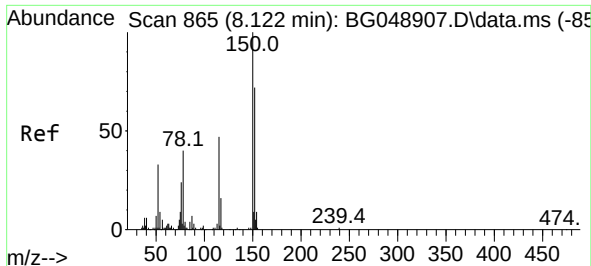
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049087.D
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Sample : M2799-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 25 05:33:16 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

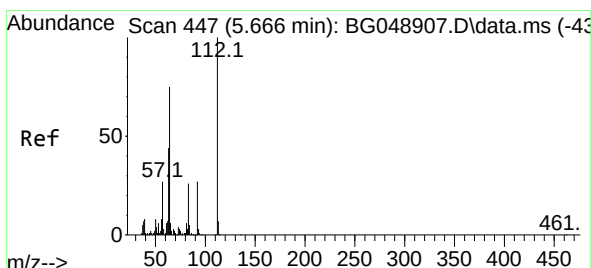
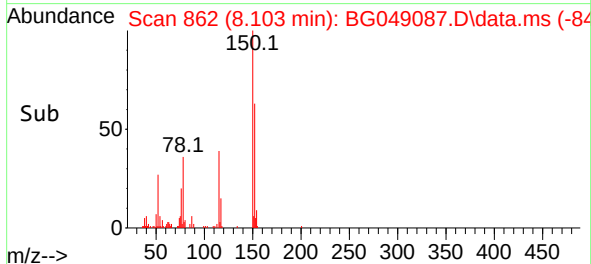
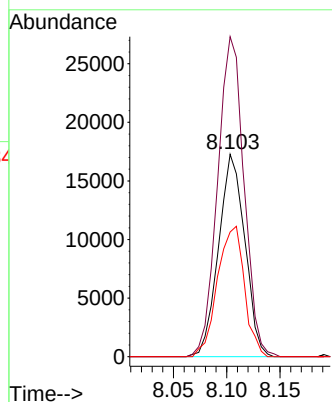
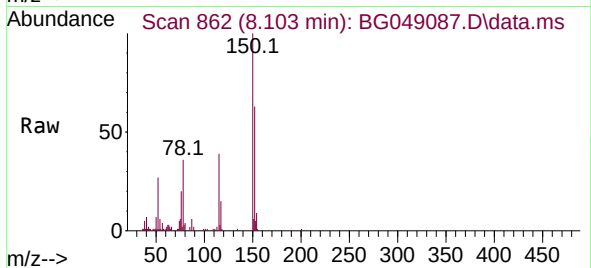




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

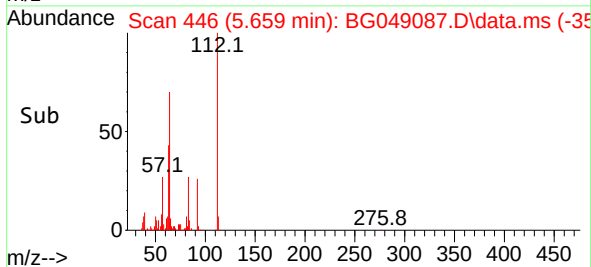
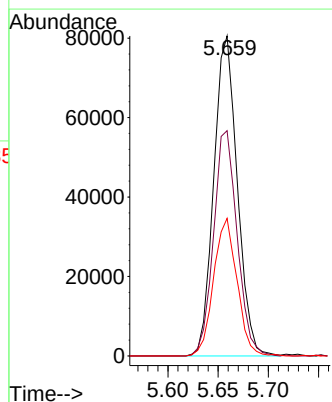
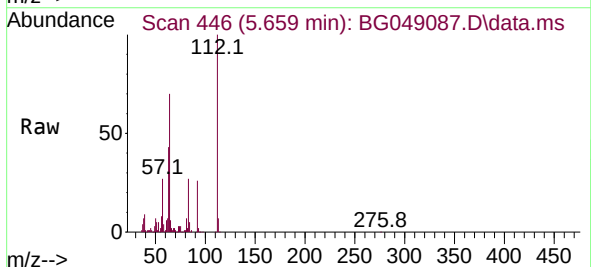
Instrument :
BNA_G
ClientSampleId :

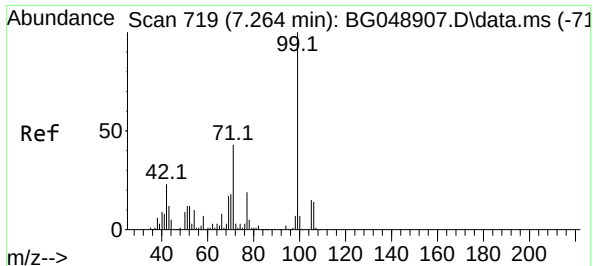
Tgt Ion:152 Resp: 29593
Ion Ratio Lower Upper
152 100
150 158.1 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 69.053 ng
RT: 5.659 min Scan# 446
Delta R.T. 0.004 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

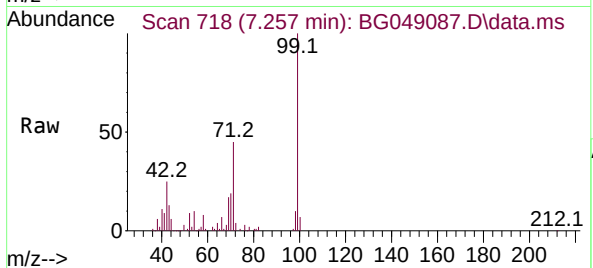
Tgt Ion:112 Resp: 131273
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 43.0 35.3 52.9



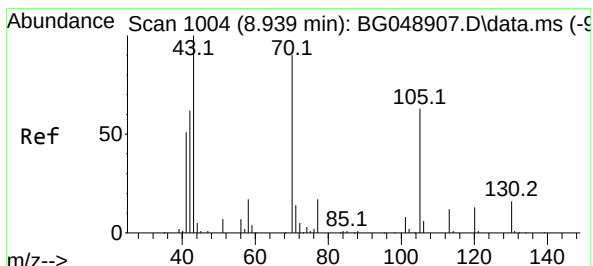
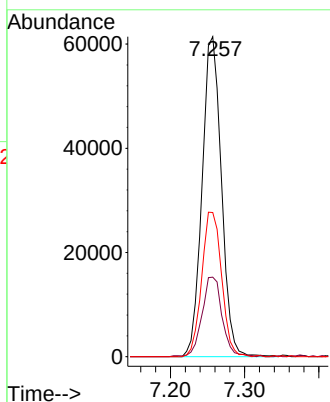
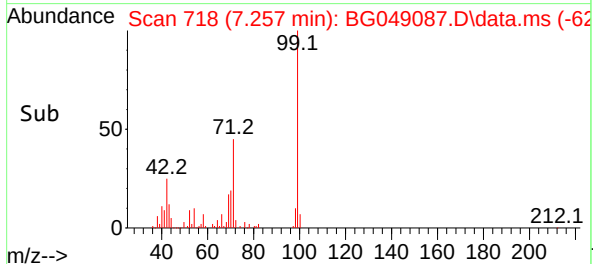


#7
Phenol-d6
Concen: 39.016 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

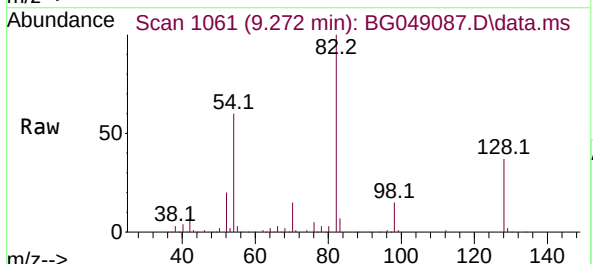
Instrument :
BNA_G
ClientSampleId :



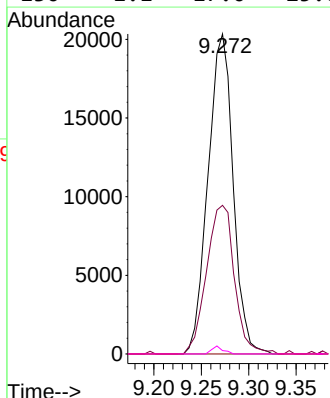
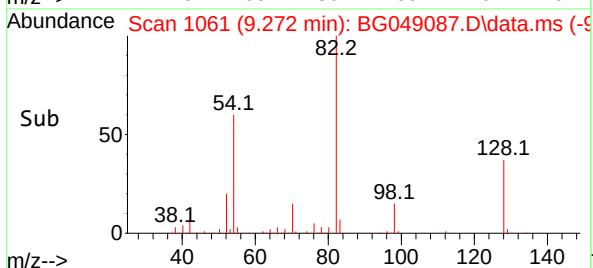
Tgt Ion: 99 Resp: 111168
Ion Ratio Lower Upper
99 100
42 24.8 20.5 30.7
71 45.1 41.5 62.3

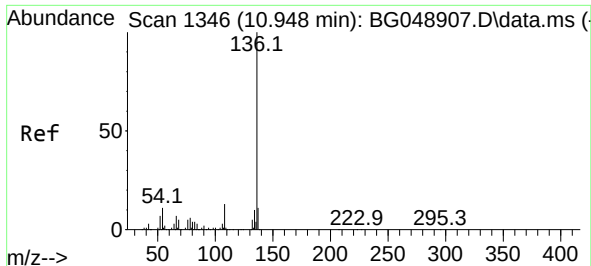


#19
n-Nitroso-di-n-propylamine
Concen: 16.811 ng
RT: 9.272 min Scan# 1061
Delta R.T. 0.362 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16



Tgt Ion: 70 Resp: 37441
Ion Ratio Lower Upper
70 100
42 46.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

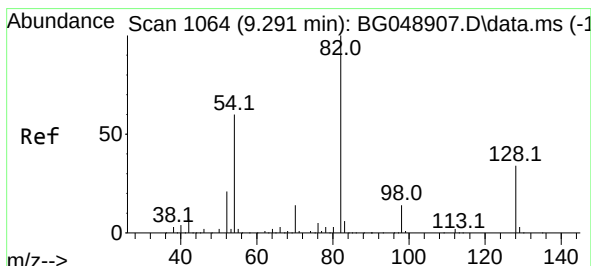
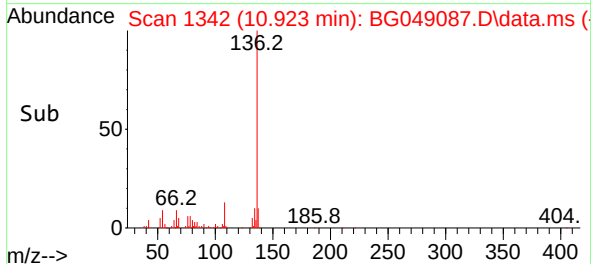
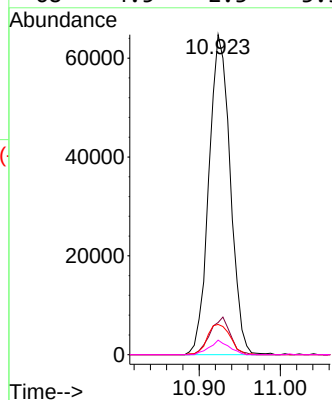
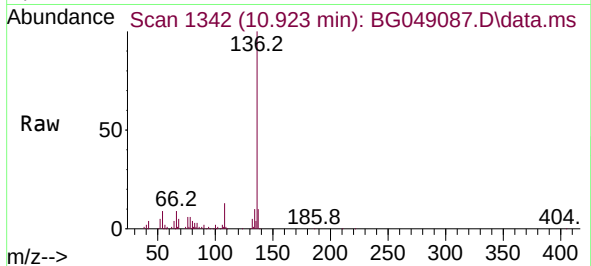




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

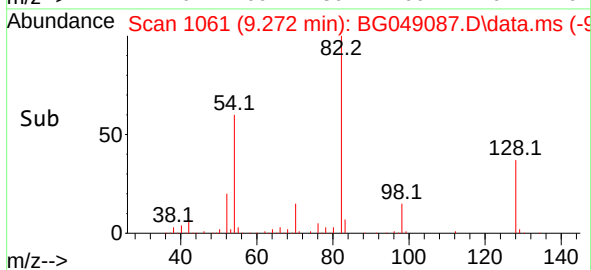
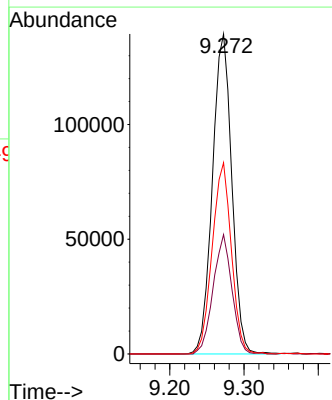
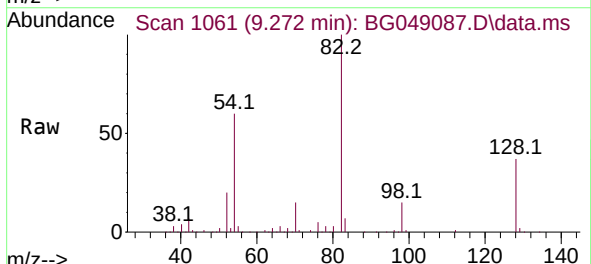
Instrument :
BNA_G
ClientSampleId :

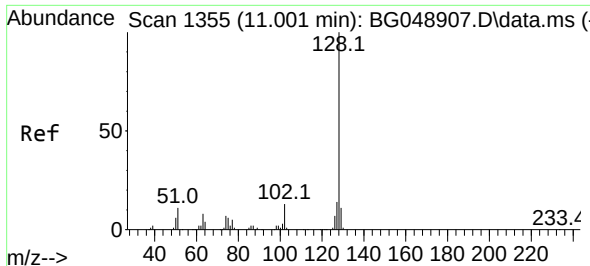
Tgt Ion:	136	Resp:	118136
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.2	12.2
54	9.5	5.5	8.3#
68	4.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 92.122 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion:	82	Resp:	252387
Ion Ratio	Lower	Upper	
82	100		
128	37.3	29.8	44.6
54	59.7	45.8	68.8

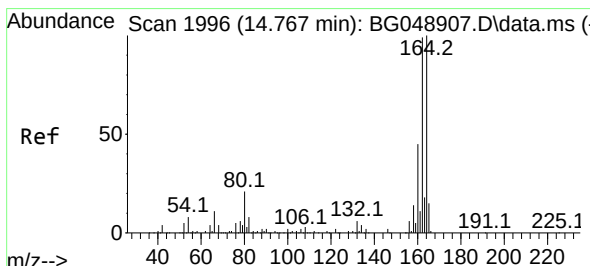
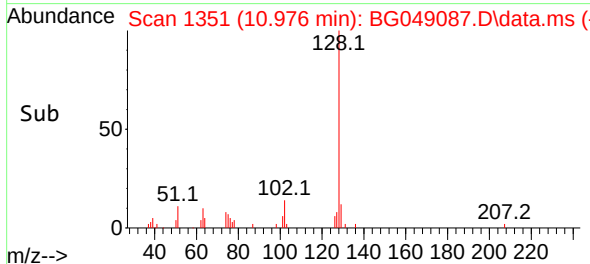
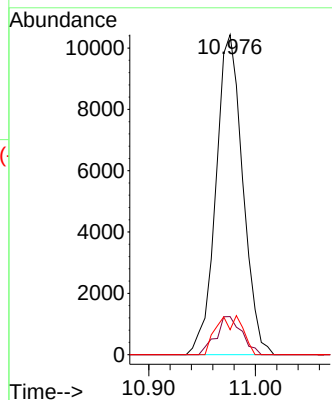
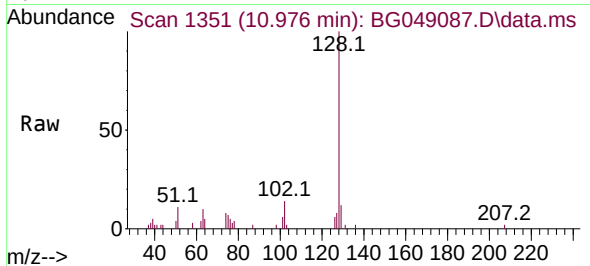




#31
Naphthalene
Concen: 2.590 ng
RT: 10.976 min Scan# 1351
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

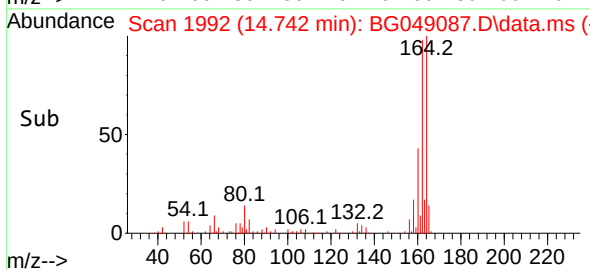
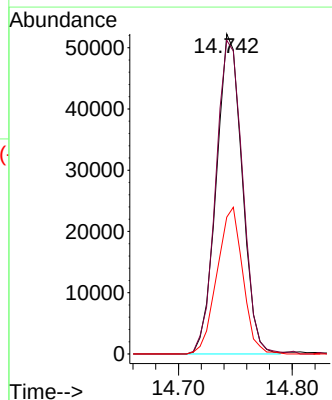
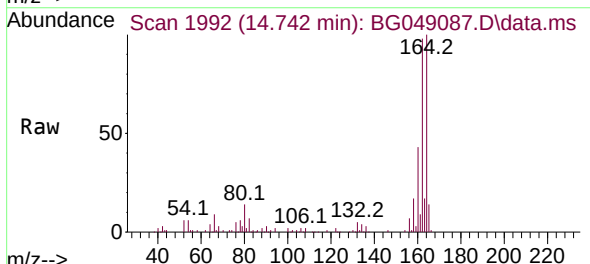
Instrument :
BNA_G
ClientSampleId :

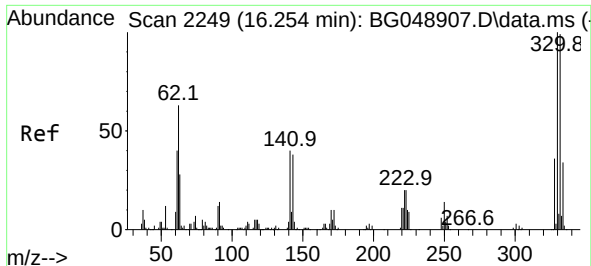
Tgt Ion:128 Resp: 18227
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 7.8 10.2 15.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

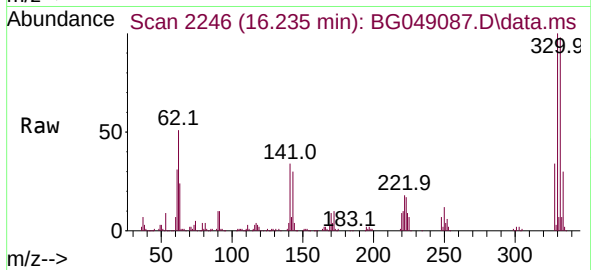
Tgt Ion:164 Resp: 82485
Ion Ratio Lower Upper
164 100
162 98.0 81.4 122.0
160 42.7 34.9 52.3



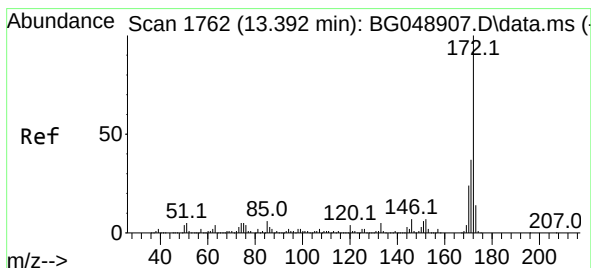
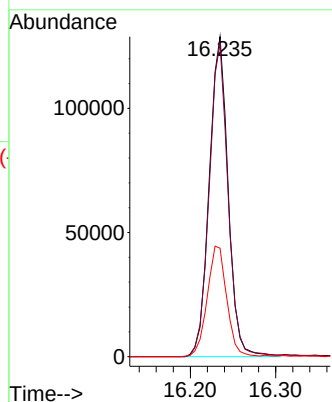
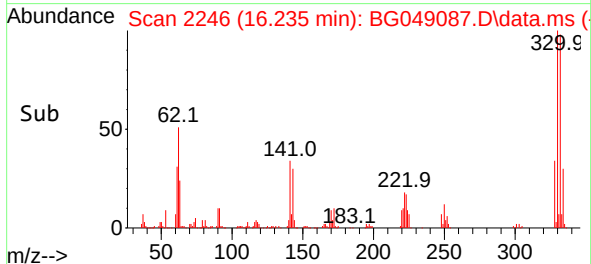


#42
2,4,6-Tribromophenol
Concen: 162.002 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

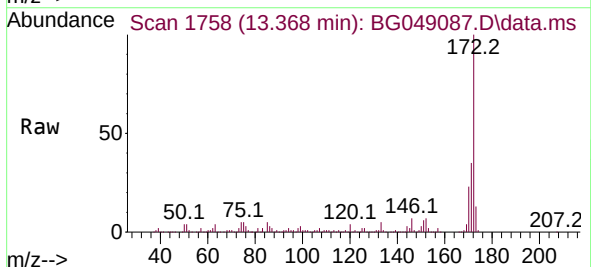
Instrument :
BNA_G
ClientSampleId :



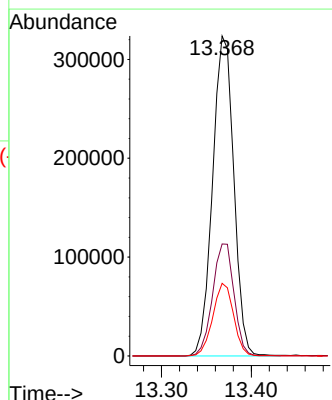
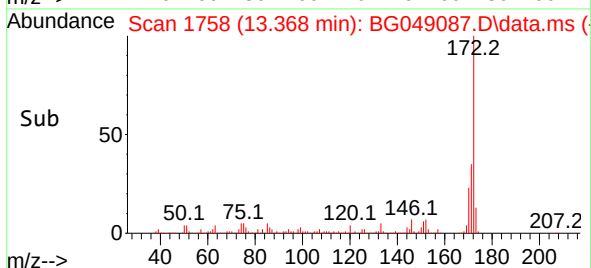
Tgt Ion:330 Resp: 197977
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 35.7 35.6 53.4

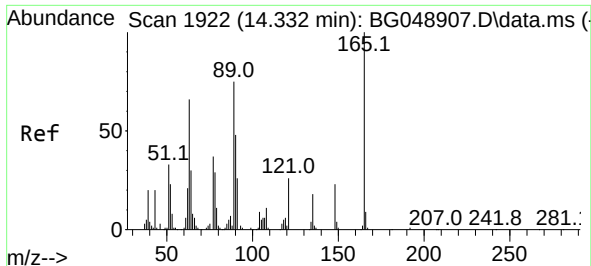


#45
2-Fluorobiphenyl
Concen: 90.981 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16



Tgt Ion:172 Resp: 531238
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.7 18.6 27.8

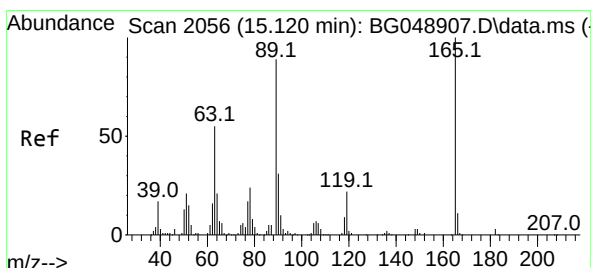
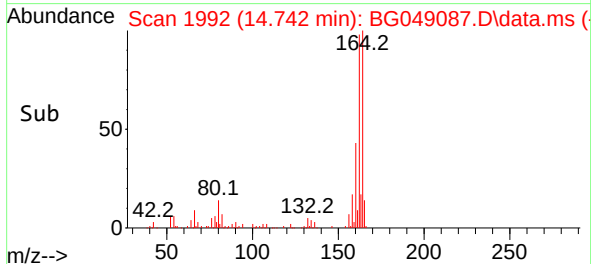
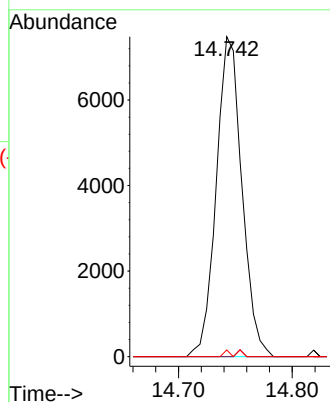
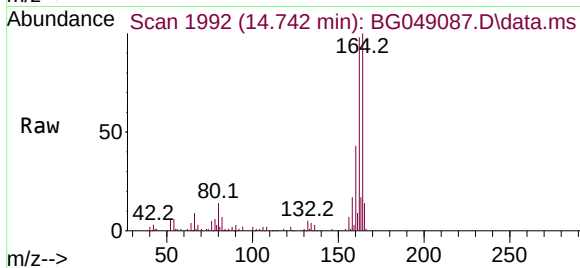




#51
2,6-Dinitrotoluene
Concen: 8.962 ng
RT: 14.742 min Scan# 1992
Delta R.T. 0.427 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

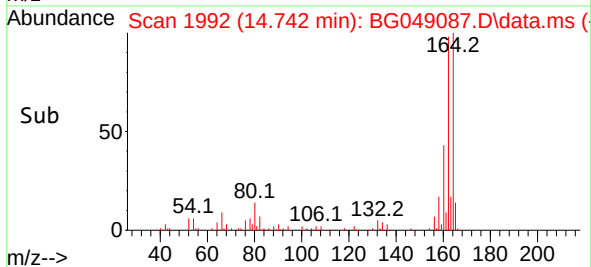
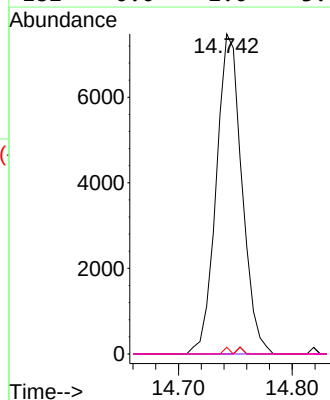
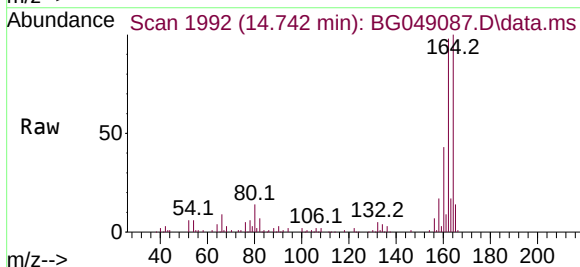
Instrument :
BNA_G
ClientSampleId :

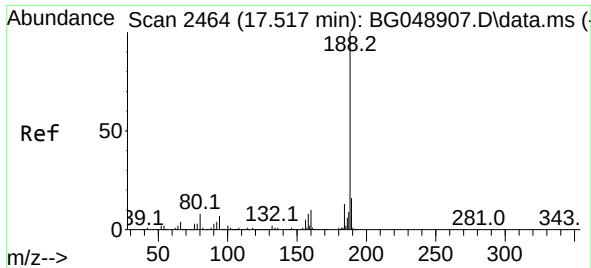
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	2.1	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 7.296 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.361 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	2.1	65.4	98.0#
182	0.0	2.0	3.0#

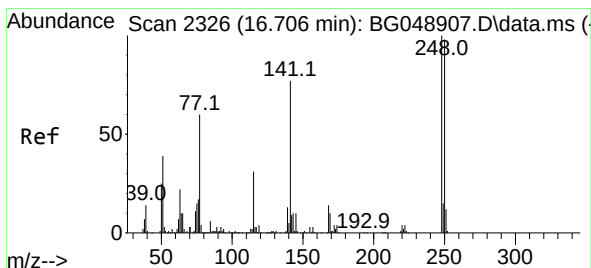
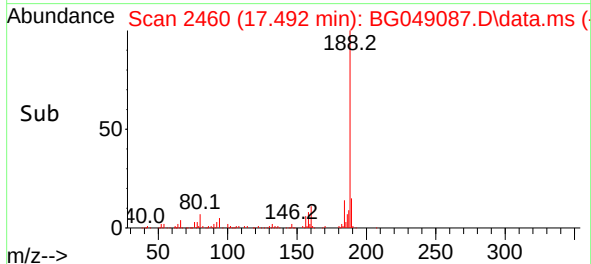
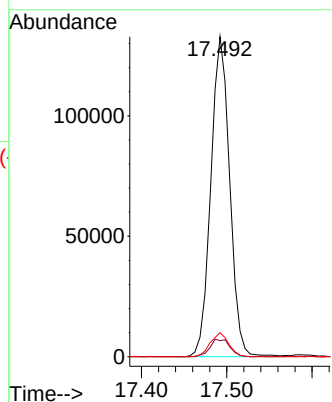
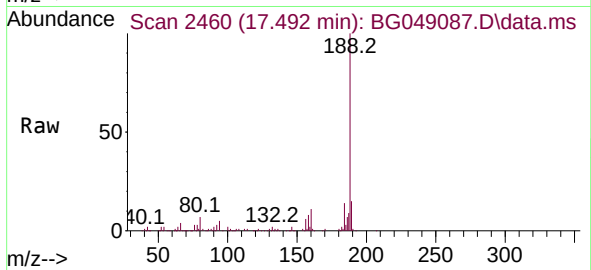




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

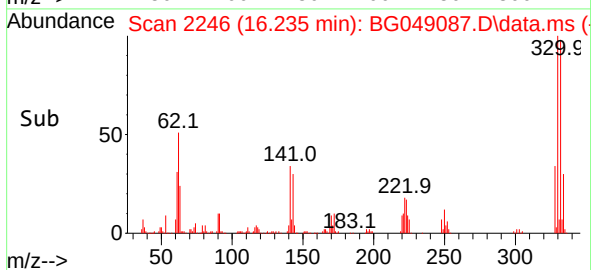
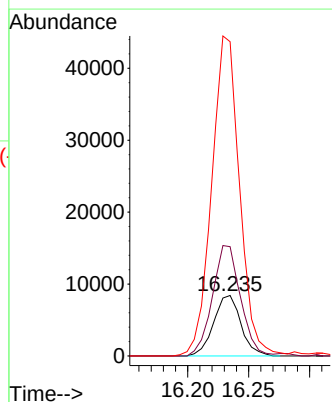
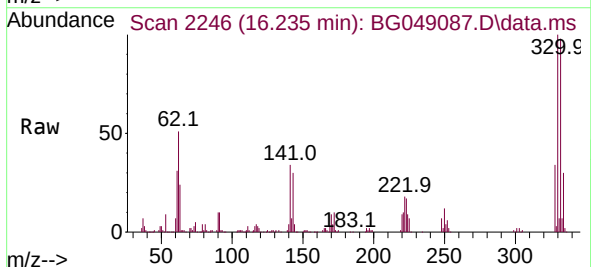
Instrument :
BNA_G
ClientSampled :

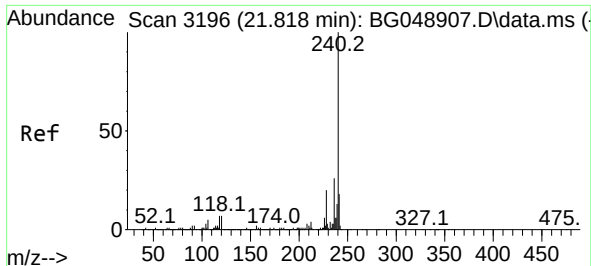
Tgt Ion:188 Resp: 204108
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 7.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.140 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.449 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion:248 Resp: 13100
Ion Ratio Lower Upper
248 100
250 180.5 76.1 114.1#
141 519.2 65.4 98.2#

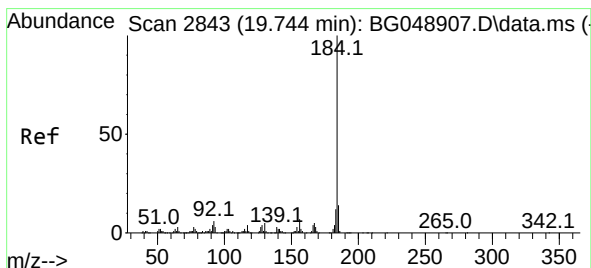
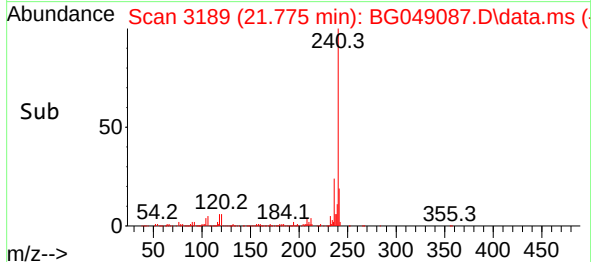
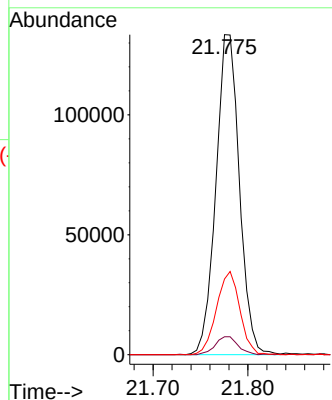
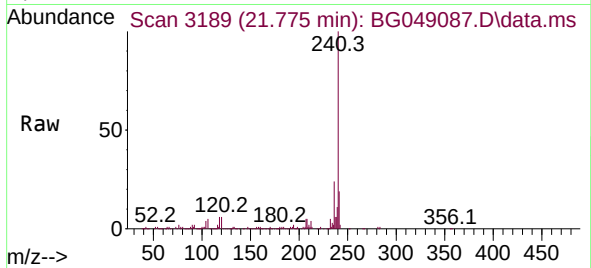




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3189
Delta R.T. -0.014 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

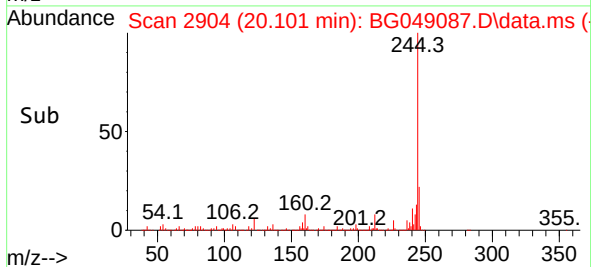
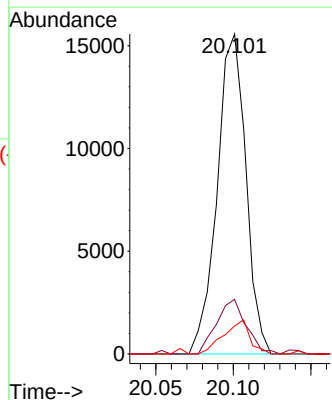
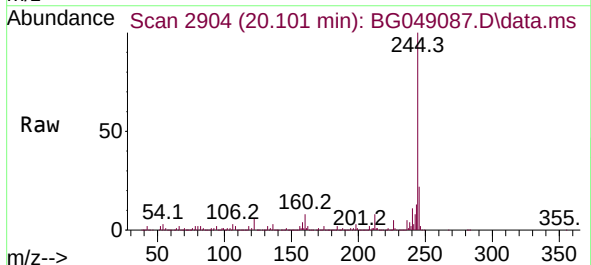
Instrument :
BNA_G
ClientSampleId :

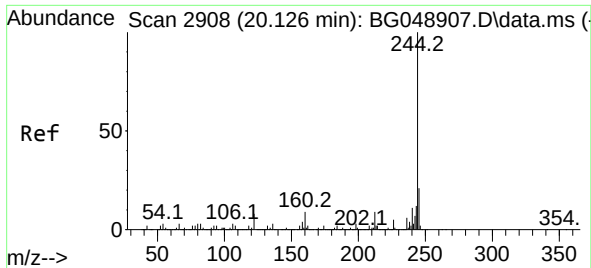
Tgt Ion:240 Resp: 229928
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 23.7 21.8 32.6



#77
Benzidine
Concen: 4.324 ng
RT: 20.101 min Scan# 2904
Delta R.T. 0.380 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion:184 Resp: 20030
Ion Ratio Lower Upper
184 100
185 17.0 10.7 16.1#
183 8.8 9.4 14.0#

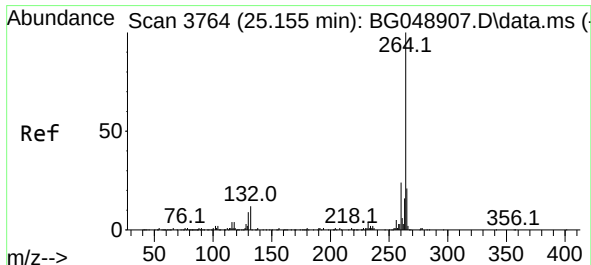
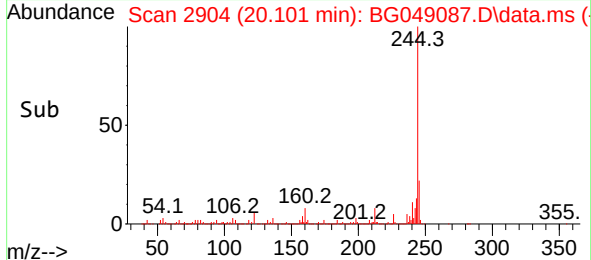
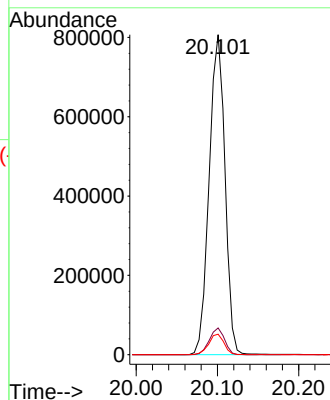
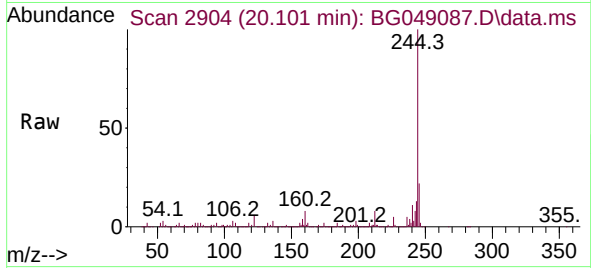




#79
 Terphenyl-d14
 Concen: 86.744 ng
 RT: 20.101 min Scan# 2904
 Delta R.T. -0.002 min
 Lab File: BG049087.D
 Acq: 24 Jun 2021 20:16

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 1089045
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 6.4 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.095 min Scan# 3754
 Delta R.T. -0.008 min
 Lab File: BG049087.D
 Acq: 24 Jun 2021 20:16

Tgt Ion:264 Resp: 244650
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.4 29.2
 265 21.2 16.9 25.3

