

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049064.D
 Acq On : 23 Jun 2021 16:47
 Operator : CG/JU
 Sample : M2800-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-ADDITION

Quant Time: Jun 24 02:17:34 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)

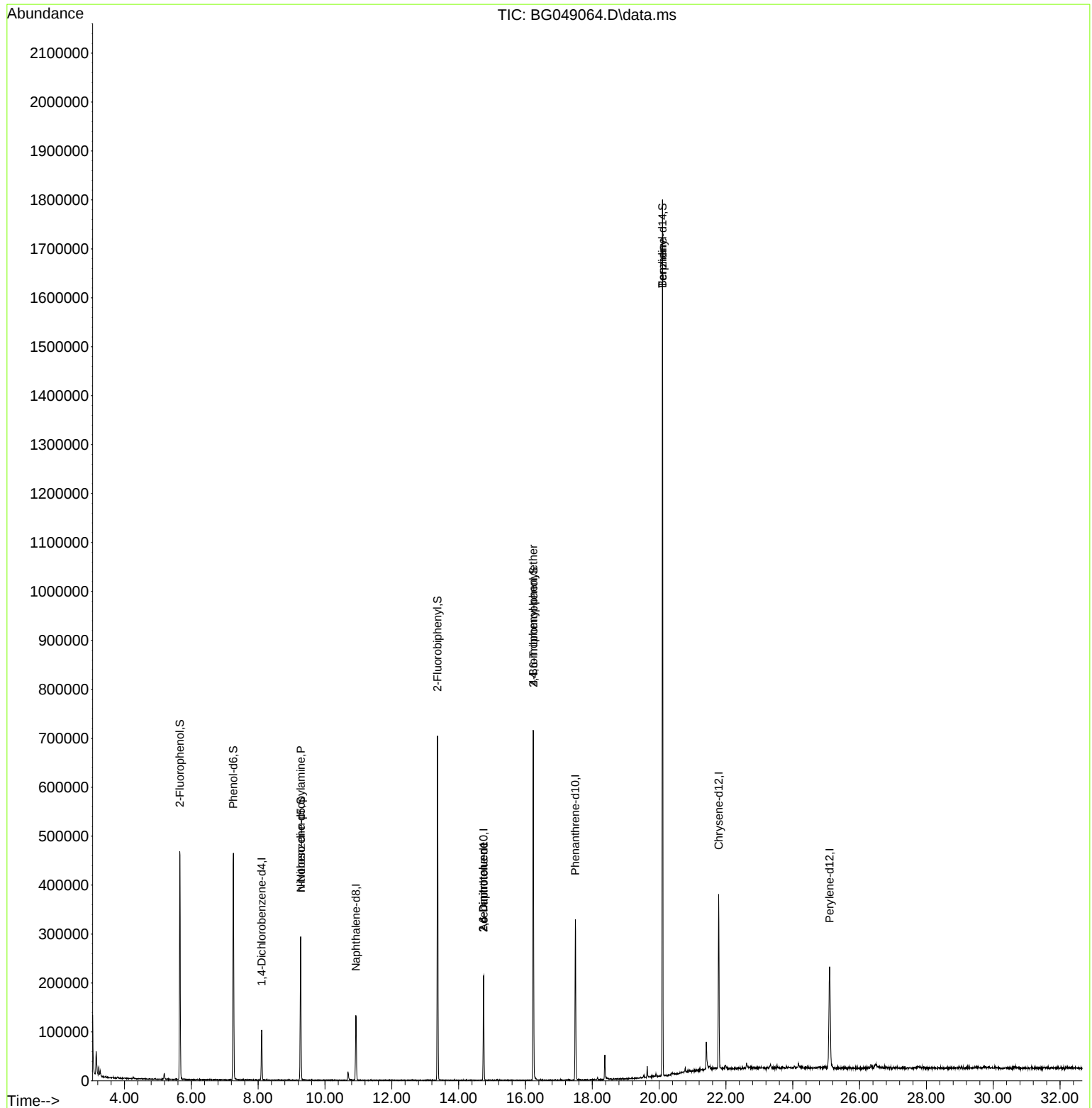
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	27821	20.00	ng	0.00
21) Naphthalene-d8	10.925	136	109784	20.00	ng	#-0.01
39) Acenaphthene-d10	14.750	164	82123	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	210936	20.00	ng	#-0.01
76) Chrysene-d12	21.783	240	224529	20.00	ng	-0.01
86) Perylene-d12	25.103	264	241907	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	185022	103.53	ng	0.00
7) Phenol-d6	7.259	99	235716	88.00	ng	0.00
23) Nitrobenzene-d5	9.274	82	169845	66.71	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	148368	121.94	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	362678	62.39	ng	-0.01
79) Terphenyl-d14	20.103	244	827511	67.50	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.274	70	26187	12.51	ng	# 73
51) 2,6-Dinitrotoluene	14.744	165	10282	7.89	ng	# 10
57) 2,4-Dinitrotoluene	14.744	165	10282	6.43	ng	# 15
67) 4-Bromophenyl-phenylether	16.231	248	9296	3.53	ng	# 1
77) Benzidine	20.103	184	15835	3.50	ng	# 94

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

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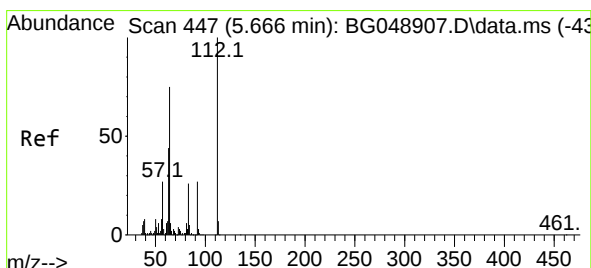
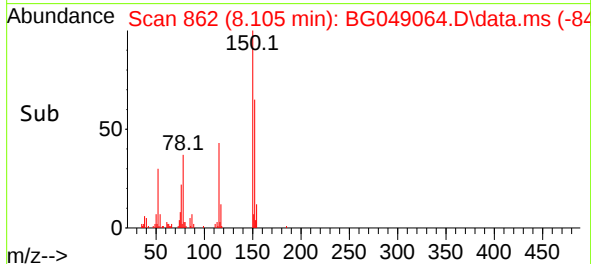
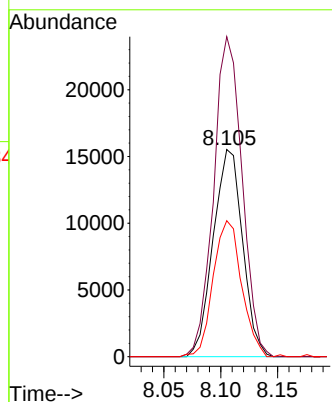
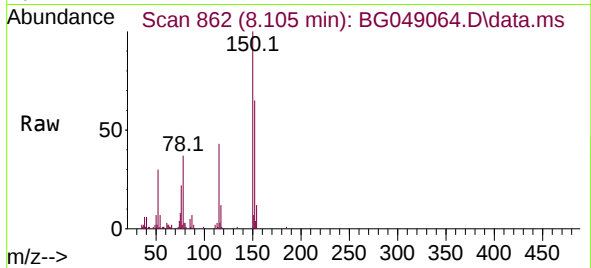




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.105 min Scan# 862
 Delta R.T. -0.009 min
 Lab File: BG049064.D
 Acq: 23 Jun 2021 16:47

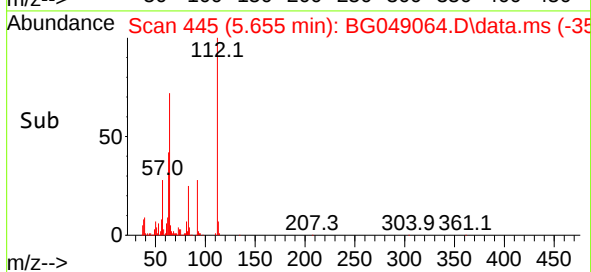
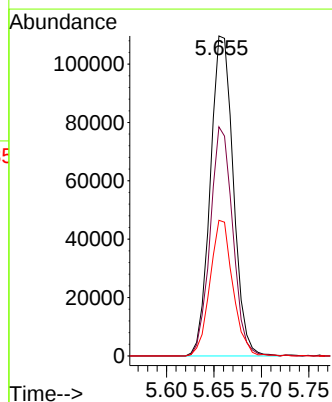
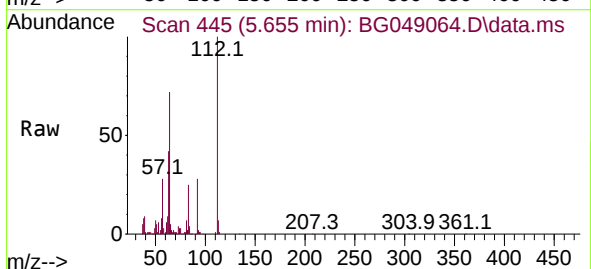
Instrument :
 BNA_G
 ClientSampleId :
 BORING-ADDITION

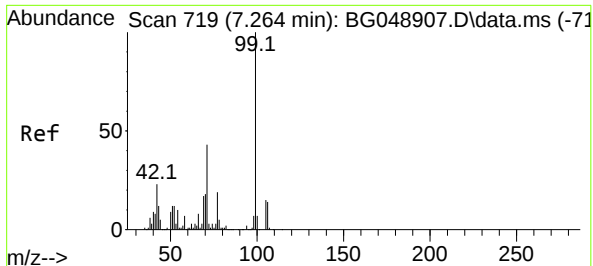
Tgt Ion:152 Resp: 27821
 Ion Ratio Lower Upper
 152 100
 150 154.5 119.4 179.0
 115 65.7 60.2 90.4



#5
 2-Fluorophenol
 Concen: 103.53 ng
 RT: 5.655 min Scan# 445
 Delta R.T. -0.008 min
 Lab File: BG049064.D
 Acq: 23 Jun 2021 16:47

Tgt Ion:112 Resp: 185022
 Ion Ratio Lower Upper
 112 100
 64 71.6 46.7 70.1#
 63 42.4 35.3 52.9

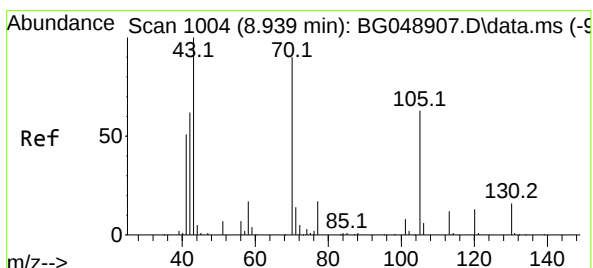
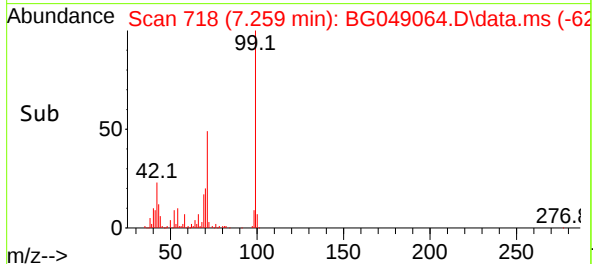
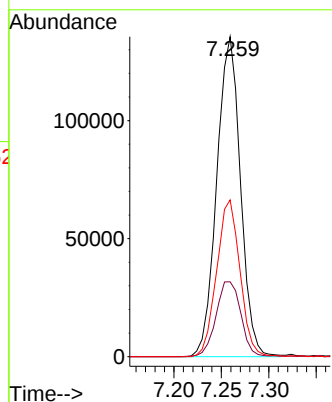
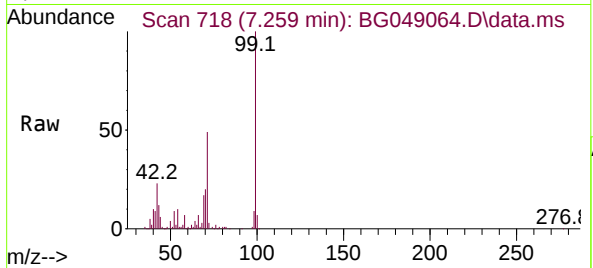




#7
Phenol-d6
Concen: 88.00 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

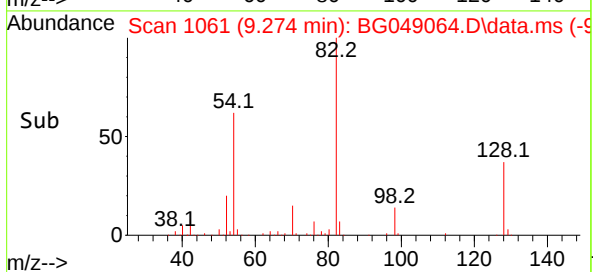
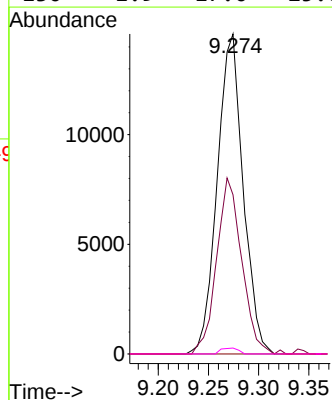
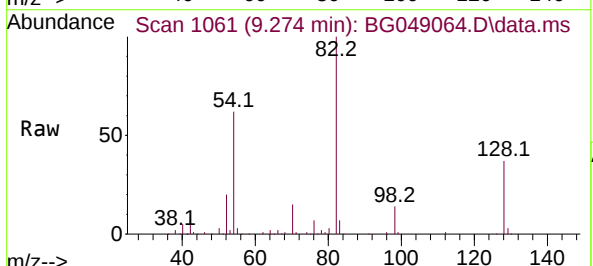
Instrument :
BNA_G
ClientSampleId :
BORING-ADDITION

Tgt Ion: 99 Resp: 235716
Ion Ratio Lower Upper
99 100
42 23.4 20.5 30.7
71 49.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.51 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.350 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

Tgt Ion: 70 Resp: 26187
Ion Ratio Lower Upper
70 100
42 49.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

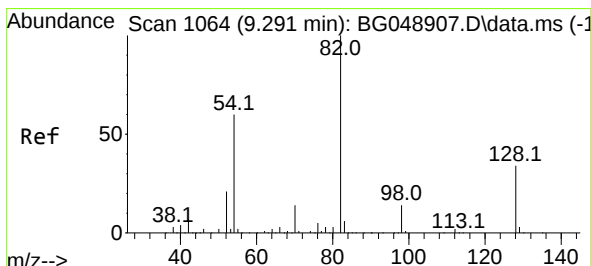
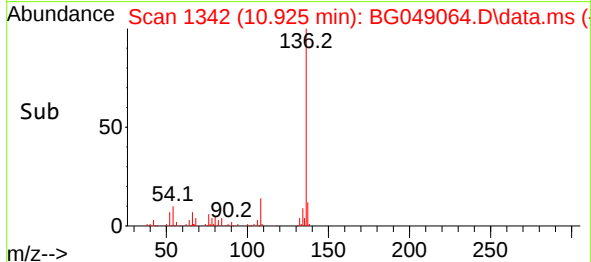
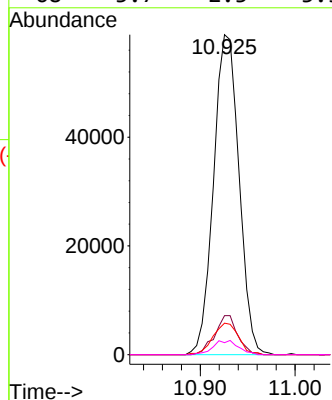
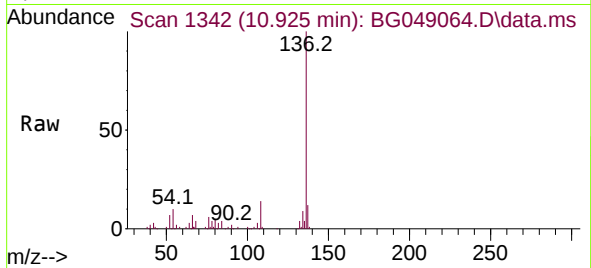




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1342
Delta R.T. -0.014 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

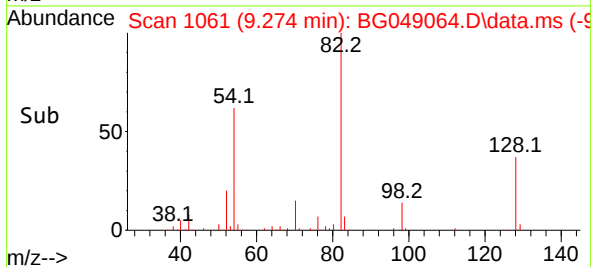
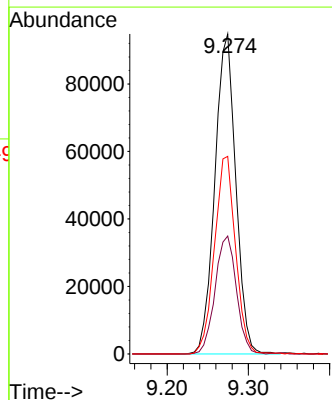
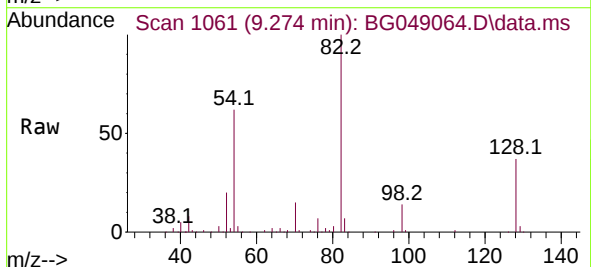
Instrument :
BNA_G
ClientSampleId :
BORING-ADDITION

Tgt Ion:136	Resp: 109784
Ion Ratio	Lower Upper
136	100
137	12.2 8.2 12.2
54	9.9 5.5 8.3#
68	3.7 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 66.71 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.008 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

Tgt Ion: 82	Resp: 169845
Ion Ratio	Lower Upper
82	100
128	36.9 29.8 44.6
54	61.8 45.8 68.8

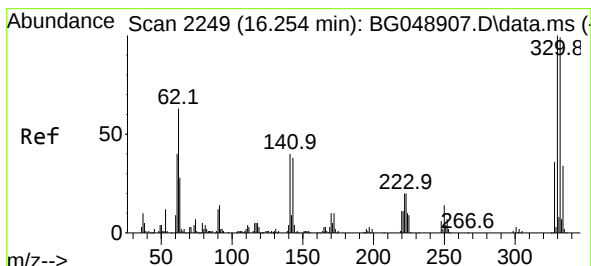
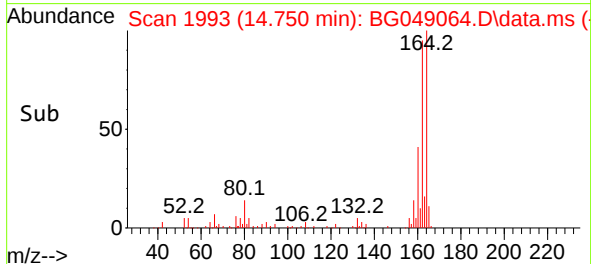
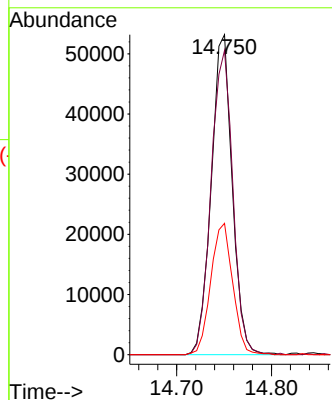
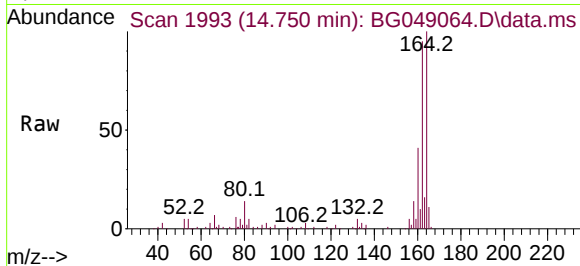




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.008 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

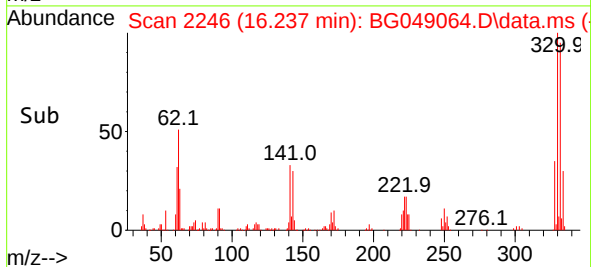
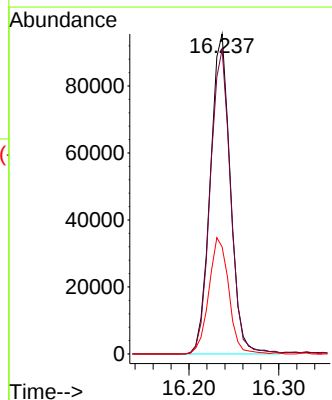
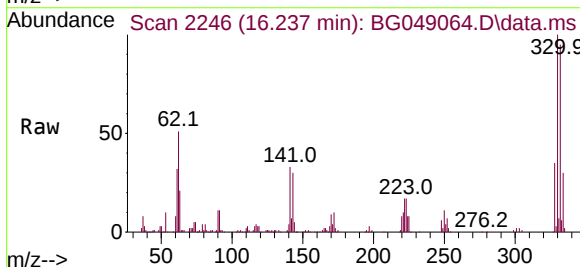
Instrument :
BNA_G
ClientSampleId :
BORING-ADDITION

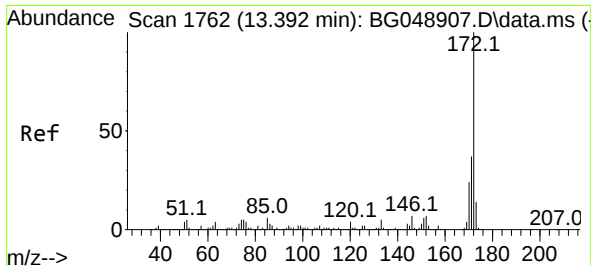
Tgt Ion:164 Resp: 82123
Ion Ratio Lower Upper
164 100
162 95.1 81.4 122.0
160 41.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 121.94 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.008 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

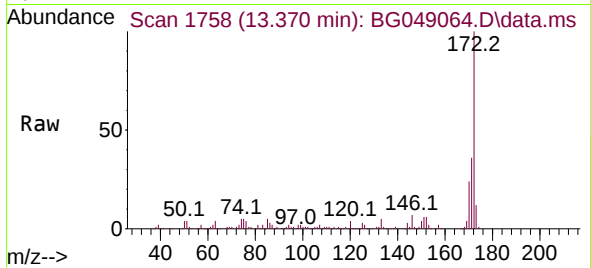
Tgt Ion:330 Resp: 148368
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 36.2 35.6 53.4



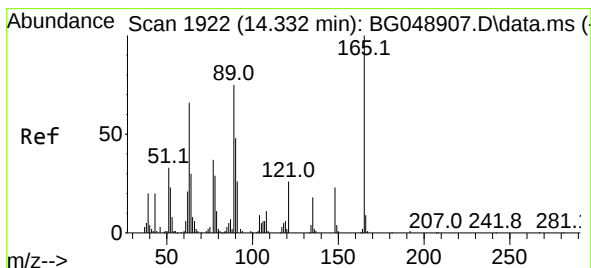
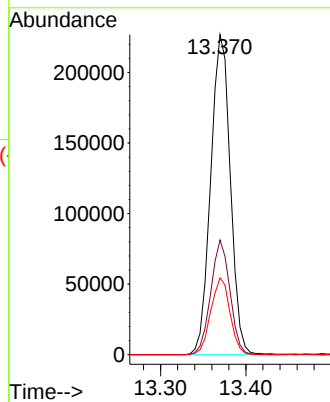
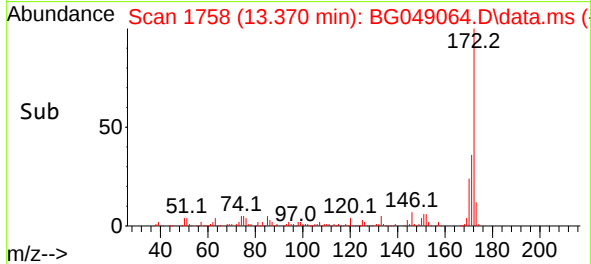


#45
2-Fluorobiphenyl
Concen: 62.39 ng
RT: 13.370 min Scan# 1758
Delta R.T. -0.014 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

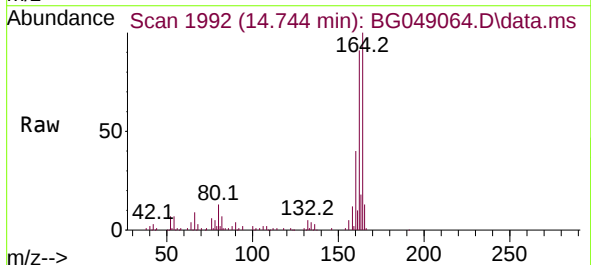
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BNA_G
ClientSampleId :
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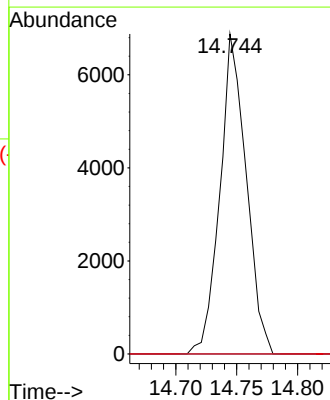
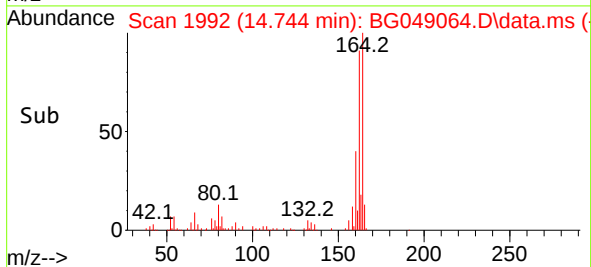
Tgt Ion:172 Resp: 362678
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 14.744 min Scan# 1992
Delta R.T. 0.421 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47



Tgt Ion:165 Resp: 10282
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

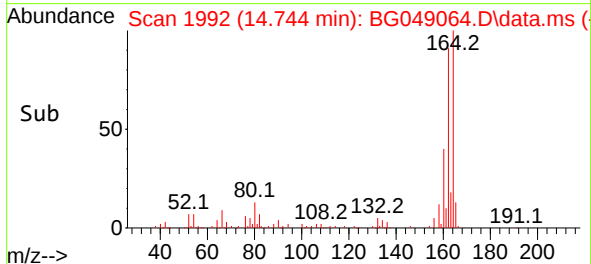
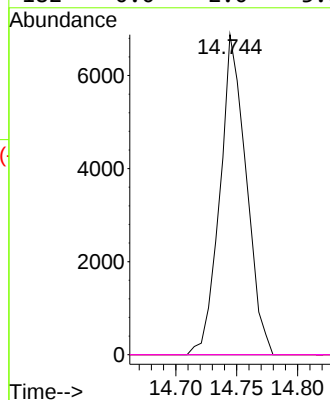
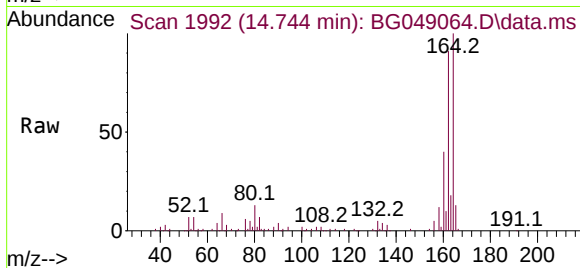




#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.367 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

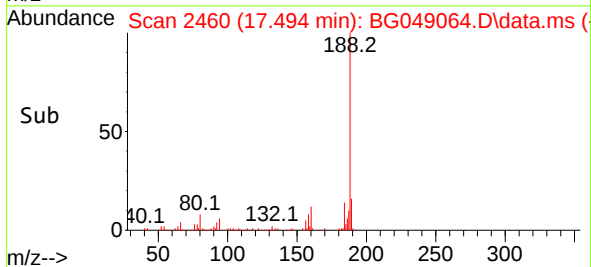
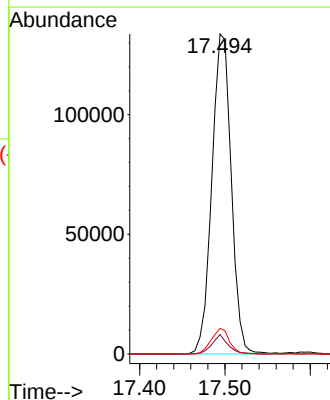
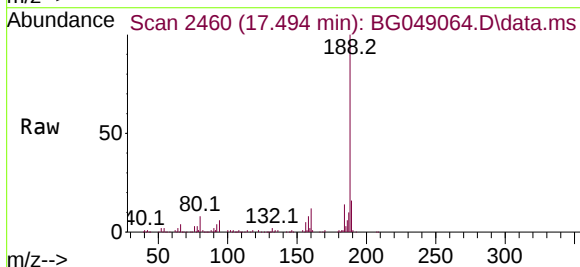
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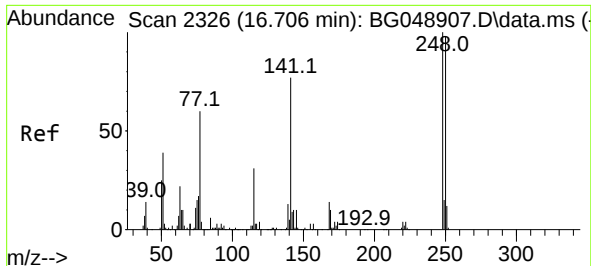
Tgt Ion:165 Resp: 10282
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2460
Delta R.T. -0.014 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

Tgt Ion:188 Resp: 210936
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 8.0 3.7 5.5#

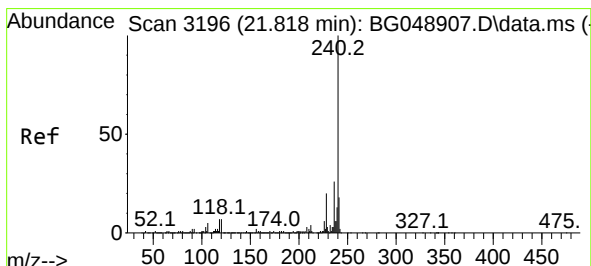
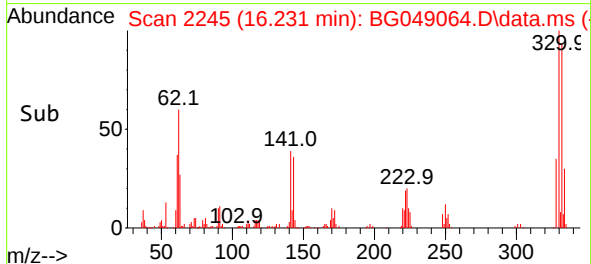
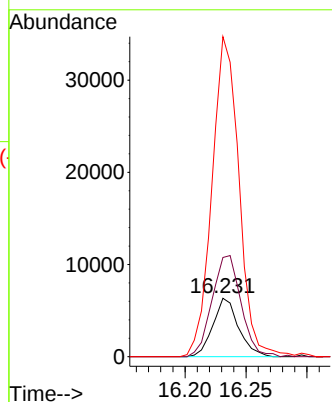
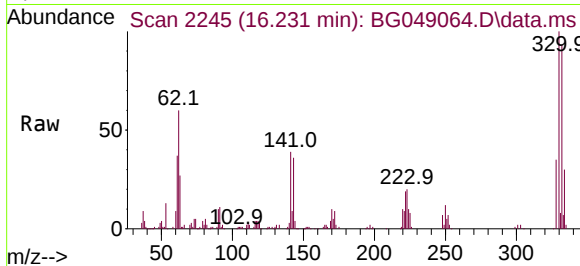




#67
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.461 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

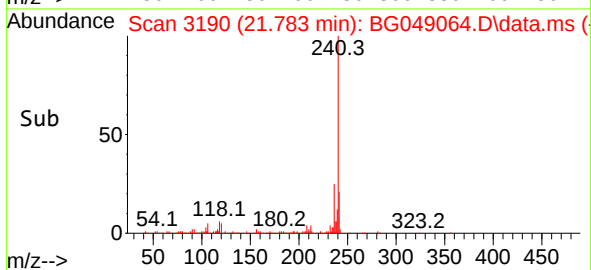
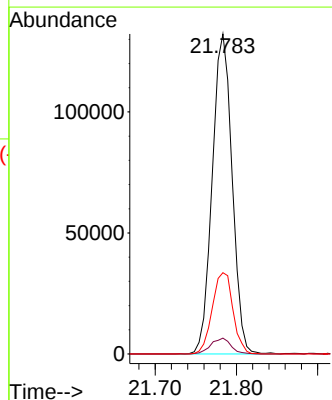
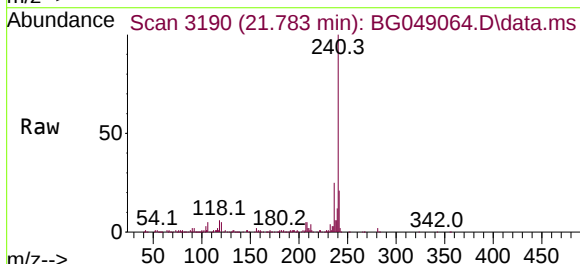
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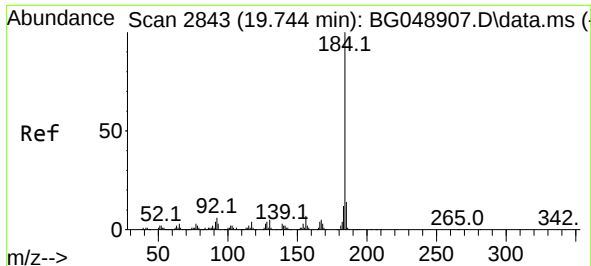
Tgt Ion:248 Resp: 9296
Ion Ratio Lower Upper
248 100
250 170.0 76.1 114.1#
141 548.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.783 min Scan# 3190
Delta R.T. -0.014 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

Tgt Ion:240 Resp: 224529
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 25.4 21.8 32.6

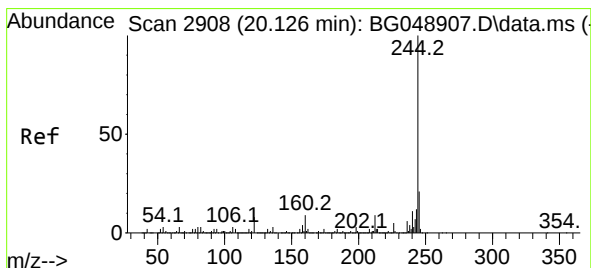
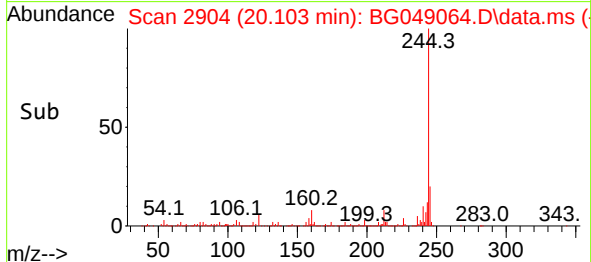
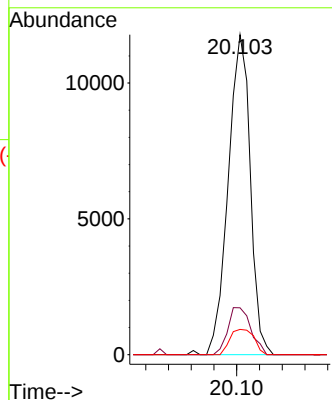
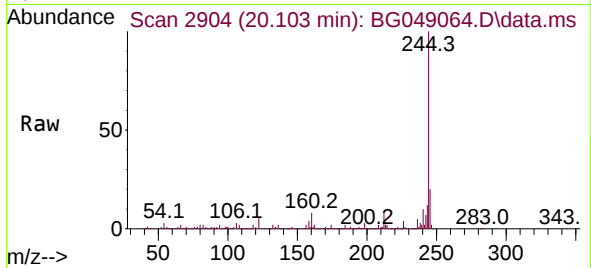




#77
Benzidine
Concen: 3.50 ng
RT: 20.103 min Scan# 2904
Delta R.T. 0.374 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

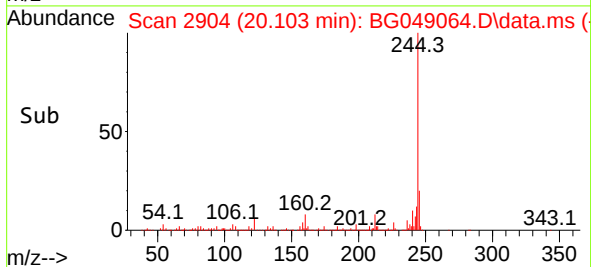
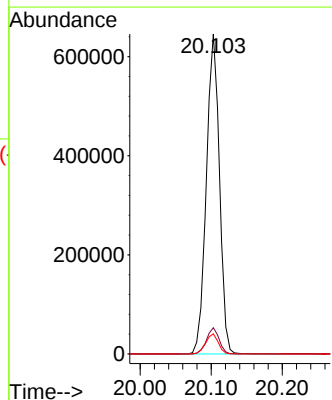
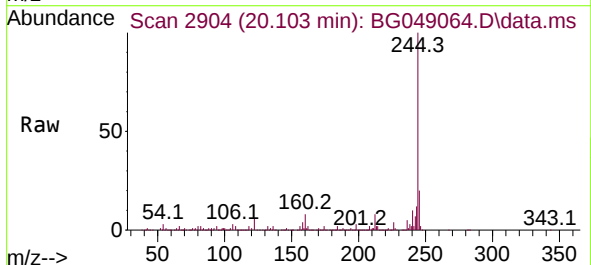
Instrument :
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ClientSampleId :
BORING-ADDITION

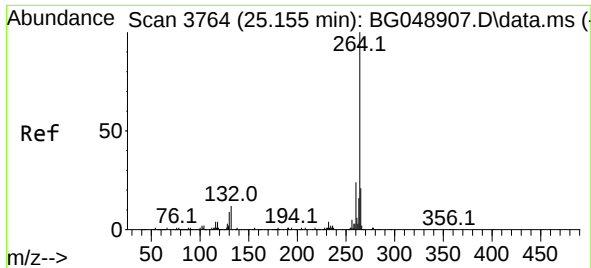
Tgt Ion:184 Resp: 15835
Ion Ratio Lower Upper
184 100
185 14.7 10.7 16.1
183 7.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 67.50 ng
RT: 20.103 min Scan# 2904
Delta R.T. -0.008 min
Lab File: BG049064.D
Acq: 23 Jun 2021 16:47

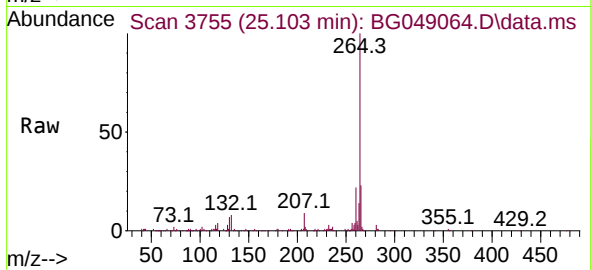
Tgt Ion:244 Resp: 827511
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.103 min Scan# 3755
 Delta R.T. -0.026 min
 Lab File: BG049064.D
 Acq: 23 Jun 2021 16:47

Instrument :
 BNA_G
 ClientSampleId :
 BORING-ADDITION



Tgt Ion:264	Resp:	241907
Ion Ratio	Lower	Upper
264	100	
260	21.8	19.4 29.2
265	22.6	16.9 25.3

