

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051064.D
 Acq On : 16 Nov 2021 12:55
 Operator : CG/JU
 Sample : M4681-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Nov 16 13:35:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

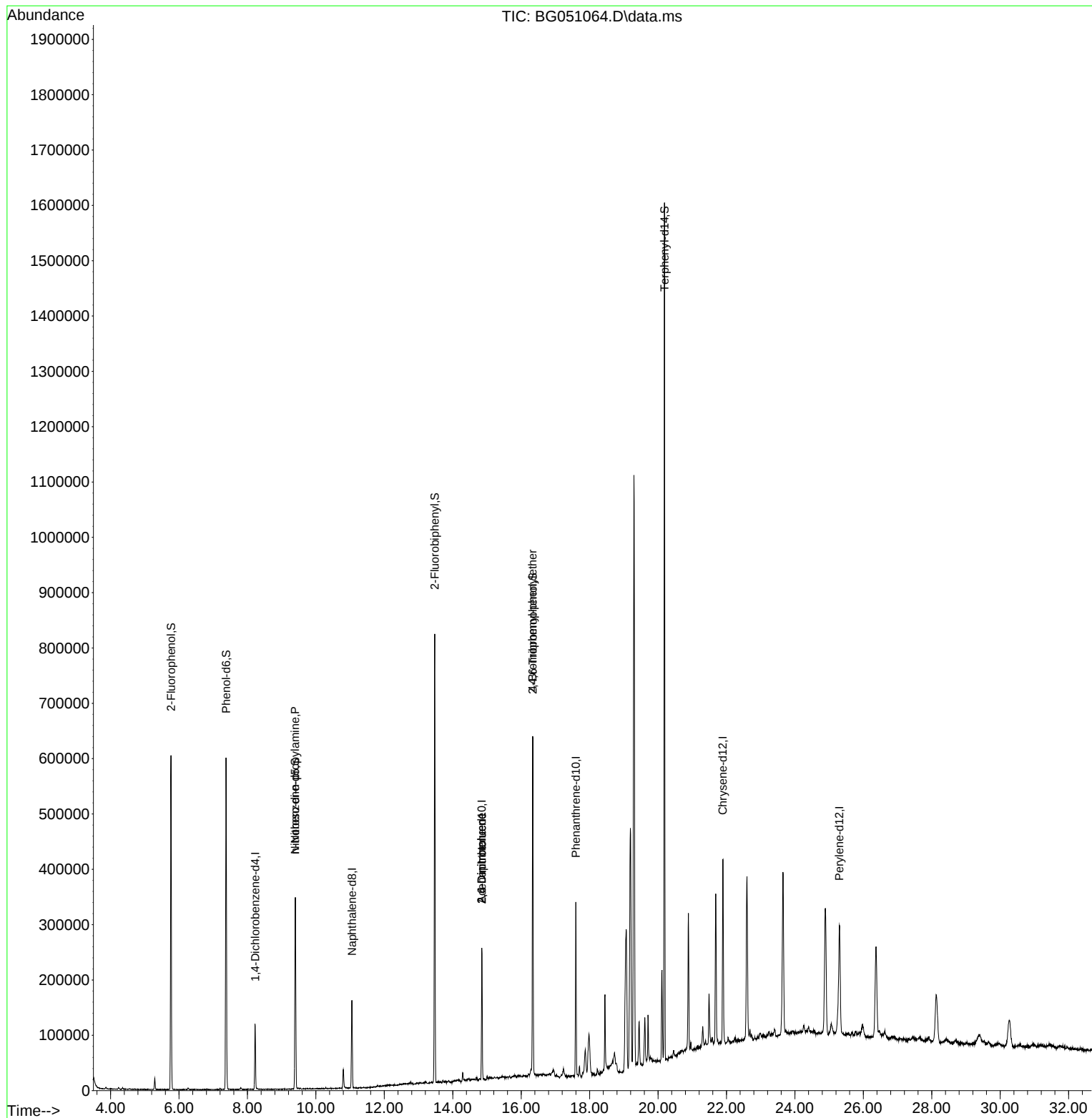
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	32845	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	134977	20.000	ng	# 0.00
39) Acenaphthene-d10	14.848	164	82225	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	187745	20.000	ng	# 0.00
76) Chrysene-d12	21.893	240	197264	20.000	ng	# 0.00
86) Perylene-d12	25.300	264	194689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	263378	119.954	ng	0.00
7) Phenol-d6	7.374	99	343537	110.851	ng	0.00
23) Nitrobenzene-d5	9.396	82	232494	76.248	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	98950	120.253	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	410408	78.864	ng	0.00
79) Terphenyl-d14	20.189	244	722629	67.030	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.550	88	55	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.396	70	32621	14.244	ng	# 67
51) 2,6-Dinitrotoluene	14.848	165	10903	8.189	ng	# 11
57) 2,4-Dinitrotoluene	14.848	165	10903	5.771	ng	# 16
67) 4-Bromophenyl-phenylether	16.335	248	7645	3.887	ng	# 1

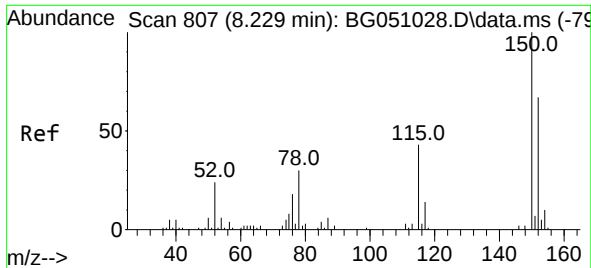
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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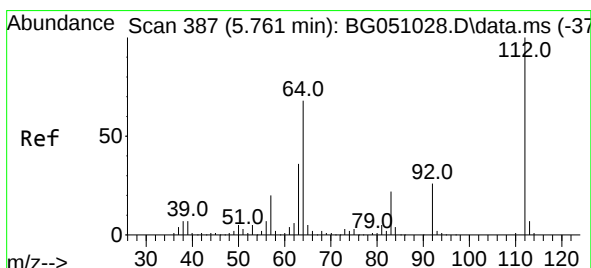
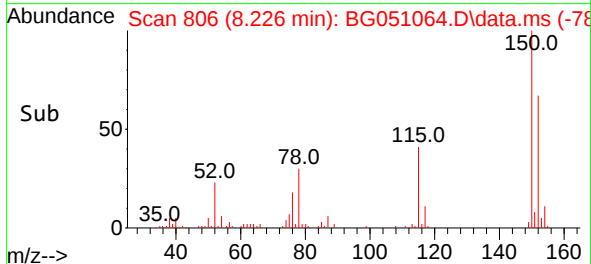
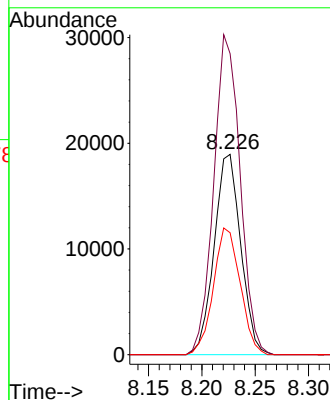
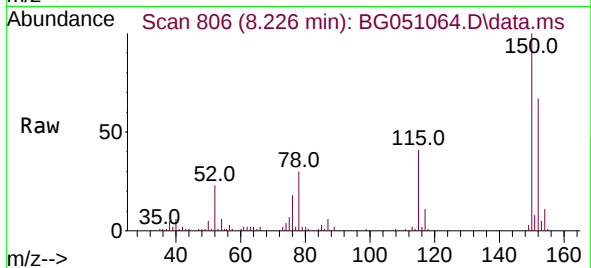




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

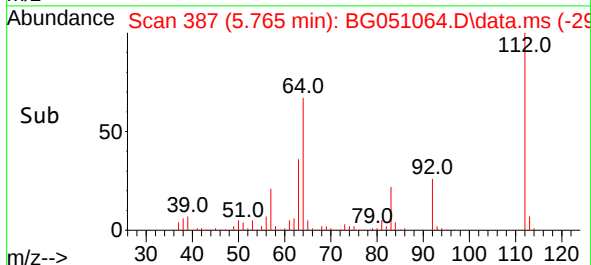
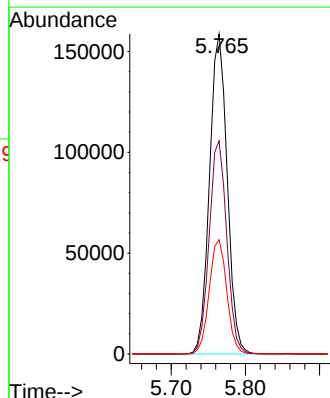
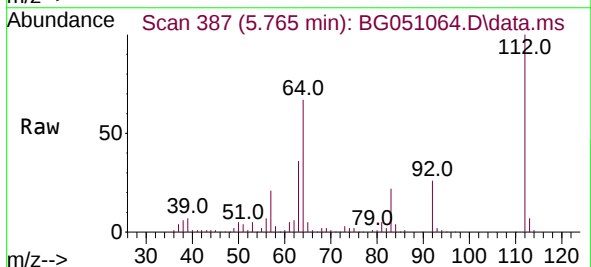
Instrument :
BNA_G
ClientSampleId :
COMP-3

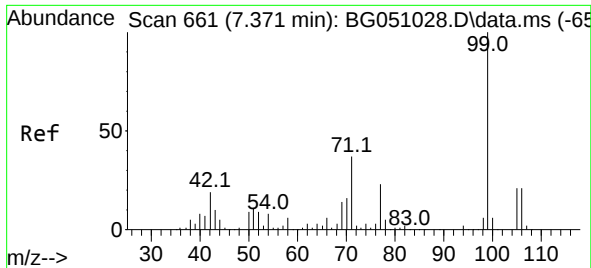
Tgt Ion:152 Resp: 32845
Ion Ratio Lower Upper
152 100
150 150.2 119.4 179.0
115 60.8 60.2 90.4



#5
2-Fluorophenol
Concen: 119.954 ng
RT: 5.765 min Scan# 387
Delta R.T. 0.004 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

Tgt Ion:112 Resp: 263378
Ion Ratio Lower Upper
112 100
64 66.6 46.7 70.1
63 35.7 35.3 52.9

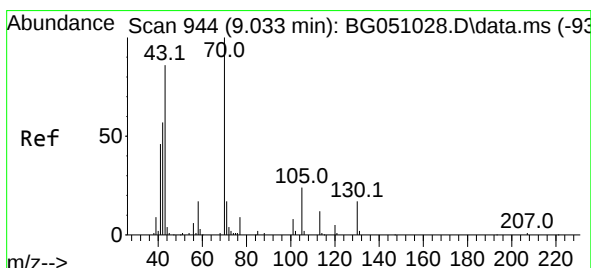
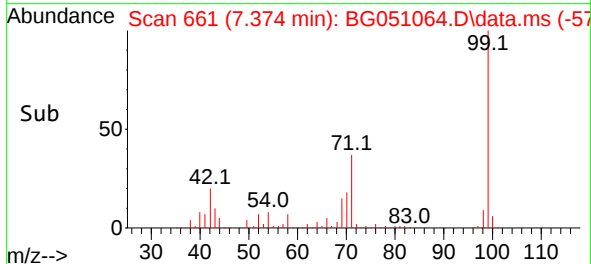
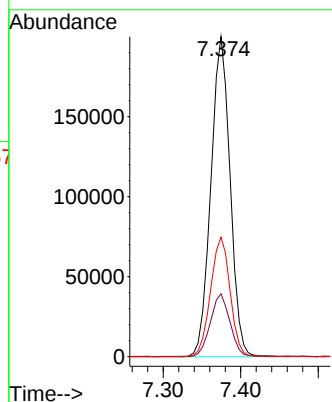
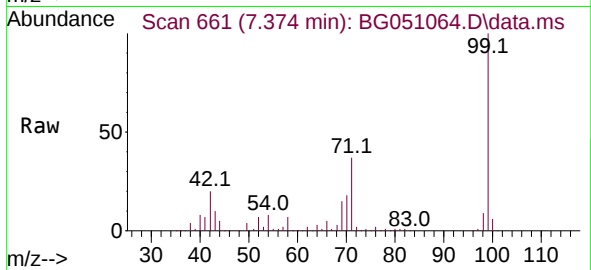




#7
Phenol-d6
Concen: 110.851 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

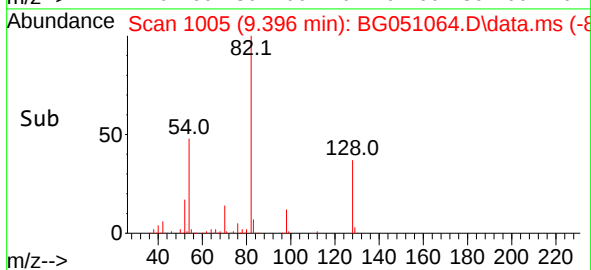
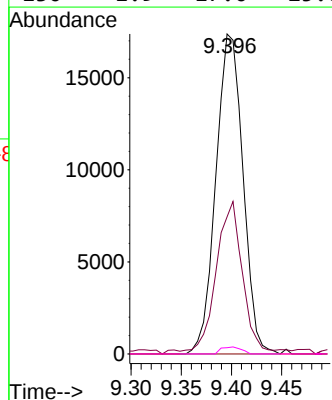
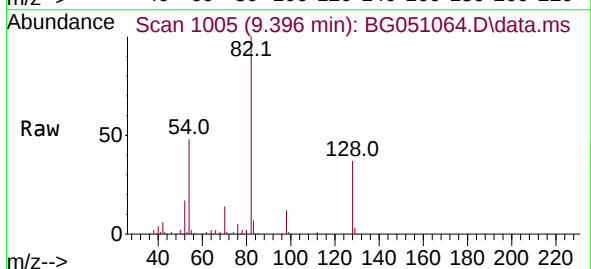
Instrument :
BNA_G
ClientSampleId :
COMP-3

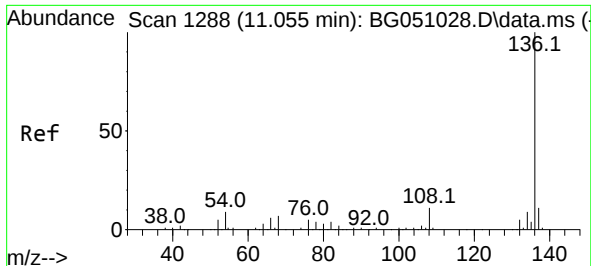
Tgt Ion: 99 Resp: 343537
Ion Ratio Lower Upper
99 100
42 19.7 20.5 30.7#
71 37.3 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.244 ng
RT: 9.396 min Scan# 1005
Delta R.T. 0.362 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

Tgt Ion: 70 Resp: 32621
Ion Ratio Lower Upper
70 100
42 42.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

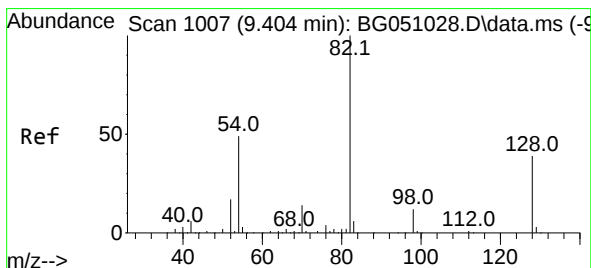
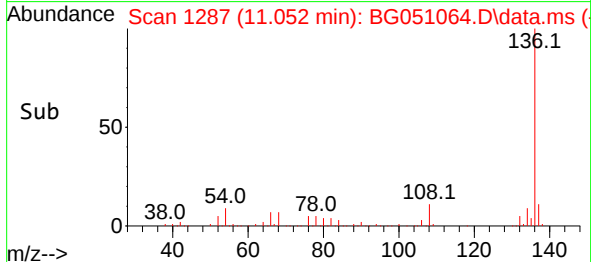
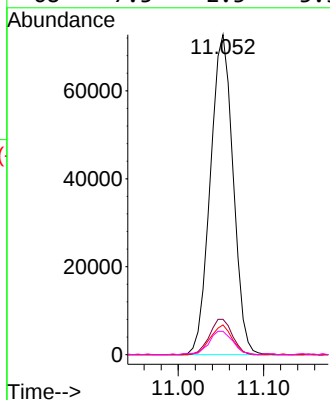
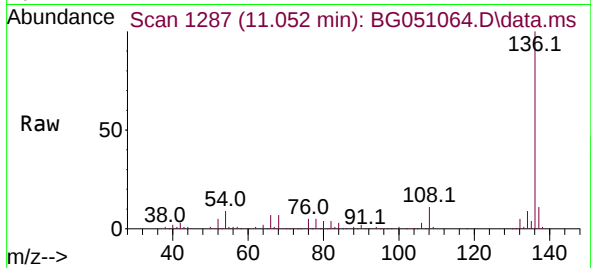




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1105
Delta R.T. -0.002 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

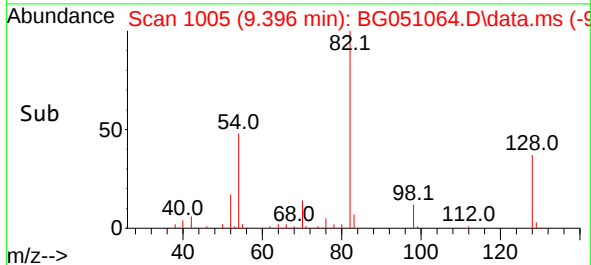
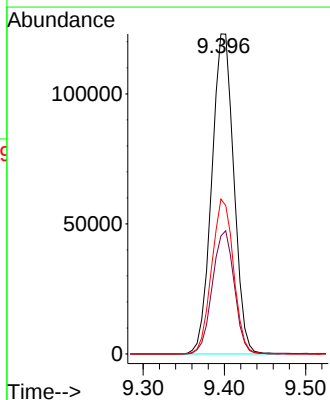
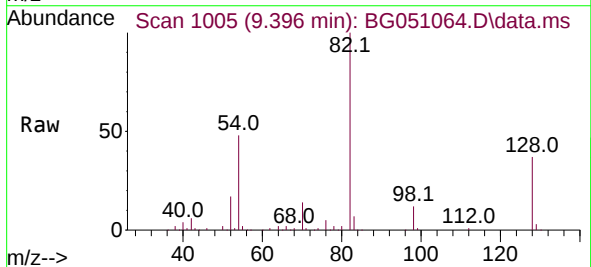
Instrument :
BNA_G
ClientSampleId :
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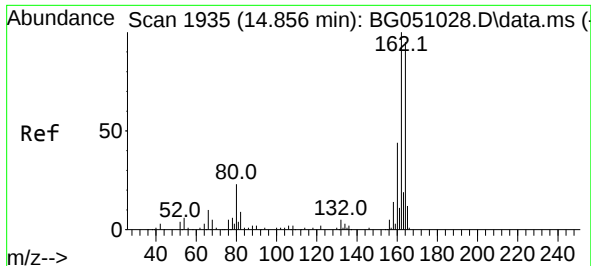
Tgt Ion:136 Resp: 134977
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 9.3 5.5 8.3#
68 7.3 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 76.248 ng
RT: 9.396 min Scan# 1005
Delta R.T. -0.008 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

Tgt Ion: 82 Resp: 232494
Ion Ratio Lower Upper
82 100
128 36.9 29.8 44.6
54 48.4 45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.848 min Scan# 1935

Delta R.T. -0.008 min

Lab File: BG051064.D

Acq: 16 Nov 2021 12:55

Instrument :

BNA_G

ClientSampleId :

COMP-3

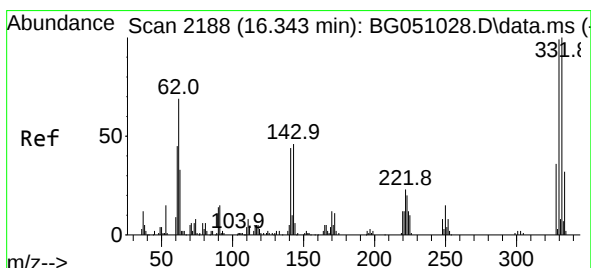
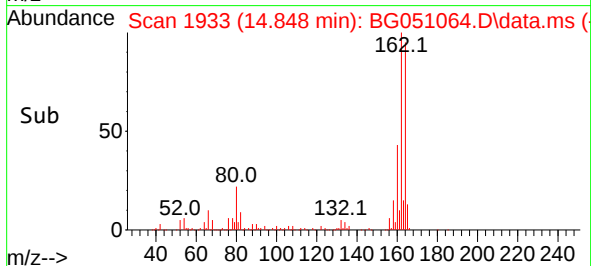
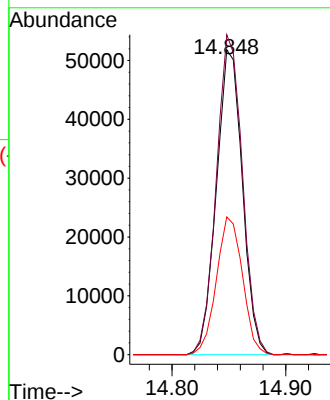
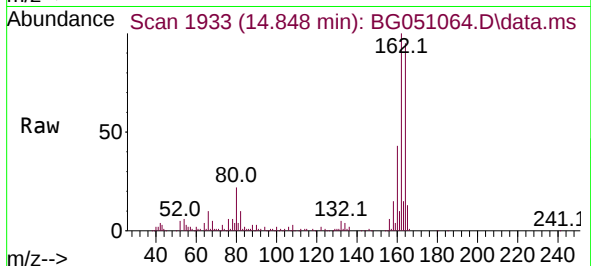
Tgt Ion:164 Resp: 82225

Ion Ratio Lower Upper

164 100

162 104.9 81.4 122.0

160 45.2 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 120.253 ng

RT: 16.340 min Scan# 2187

Delta R.T. -0.003 min

Lab File: BG051064.D

Acq: 16 Nov 2021 12:55

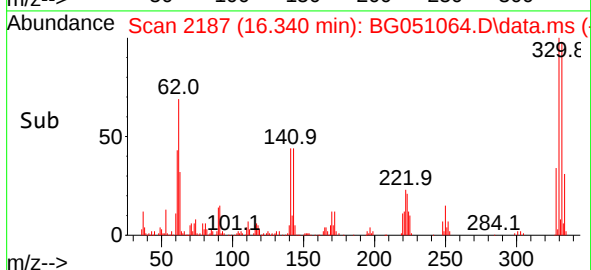
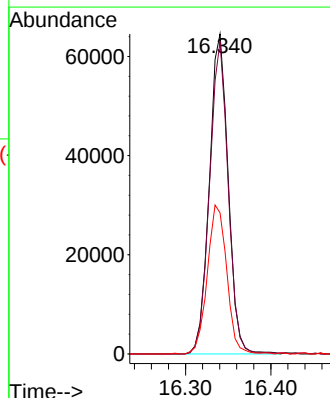
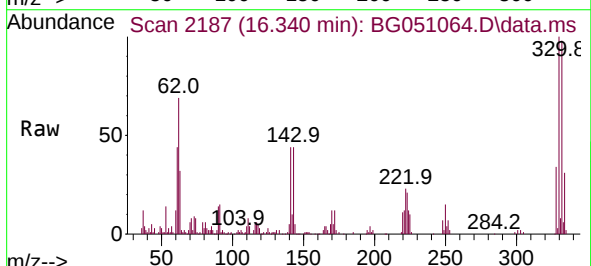
Tgt Ion:330 Resp: 98950

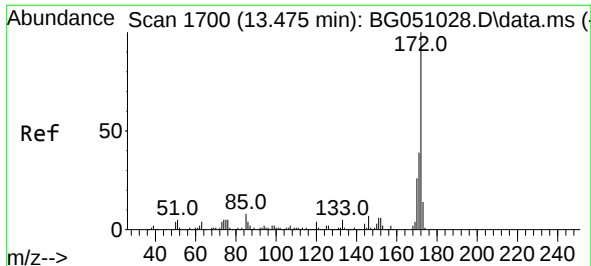
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 48.2 35.6 53.4

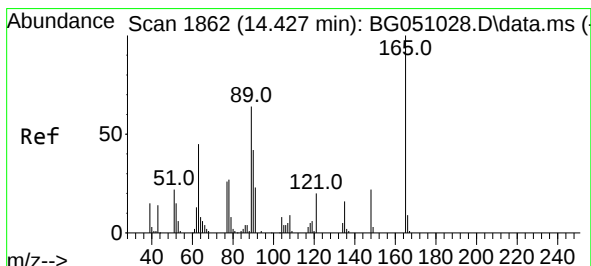
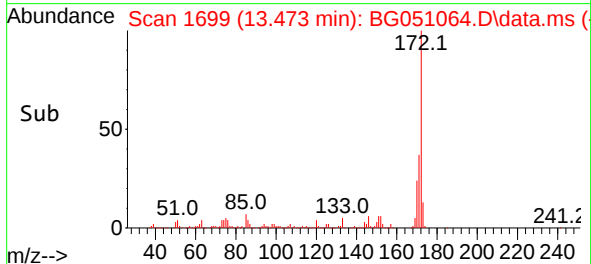
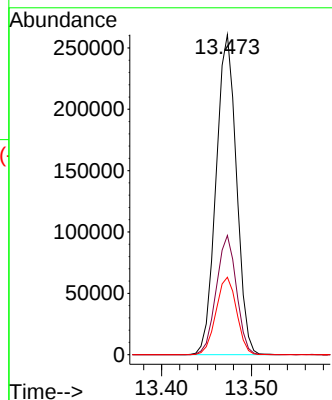
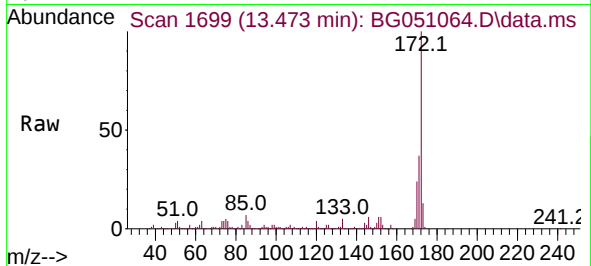




#45
2-Fluorobiphenyl
Concen: 78.864 ng
RT: 13.473 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

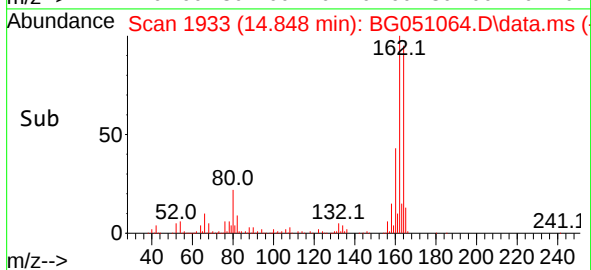
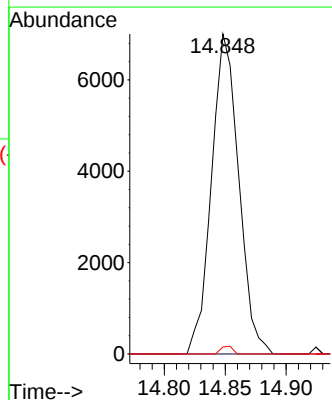
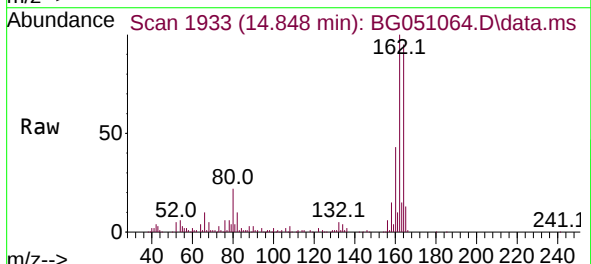
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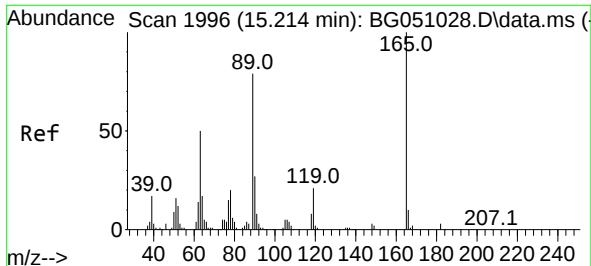
Tgt Ion:172 Resp: 410408
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.189 ng
RT: 14.848 min Scan# 1933
Delta R.T. 0.421 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

Tgt Ion:165 Resp: 10903
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: 5.771 ng

RT: 14.848 min Scan# 1996

Delta R.T. -0.366 min

Lab File: BG051064.D

Acq: 16 Nov 2021 12:55

Instrument :

BNA_G

ClientSampleId :

COMP-3

Tgt Ion:165 Resp: 10903

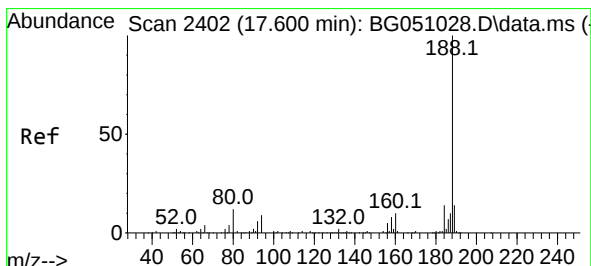
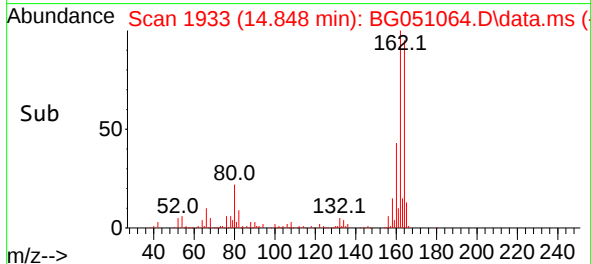
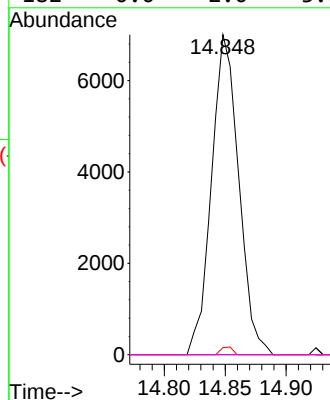
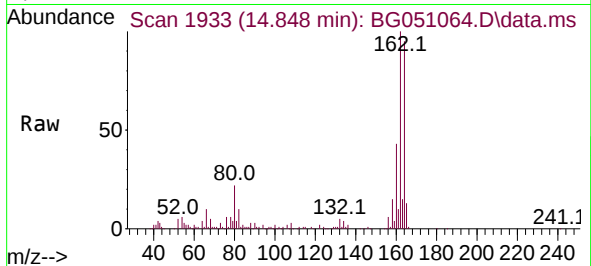
Ion Ratio Lower Upper

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: 17.598 min Scan# 2401

Delta R.T. -0.002 min

Lab File: BG051064.D

Acq: 16 Nov 2021 12:55

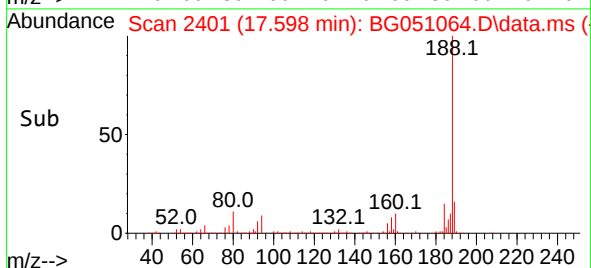
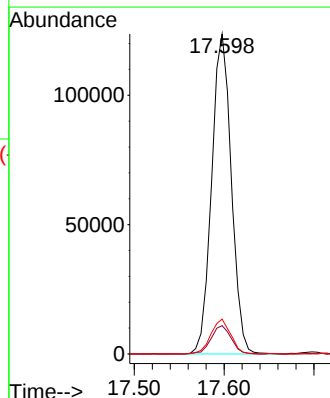
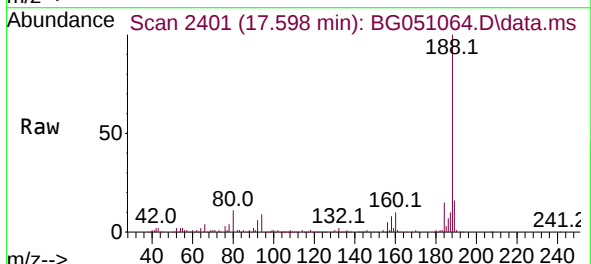
Tgt Ion:188 Resp: 187745

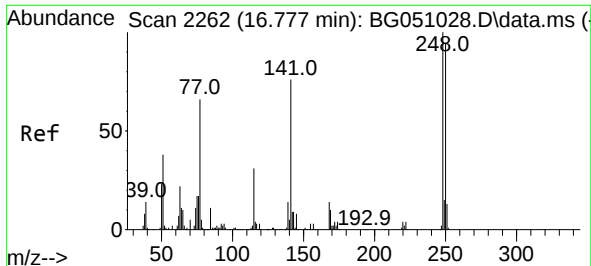
Ion Ratio Lower Upper

188 100

94 8.8 5.4 8.0#

80 10.9 3.7 5.5#

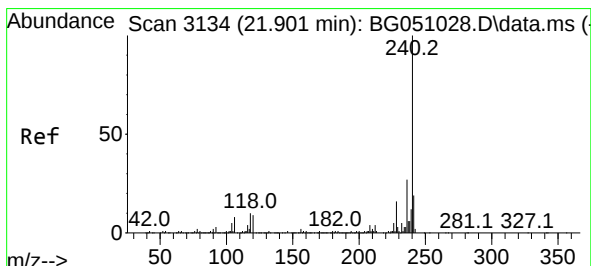
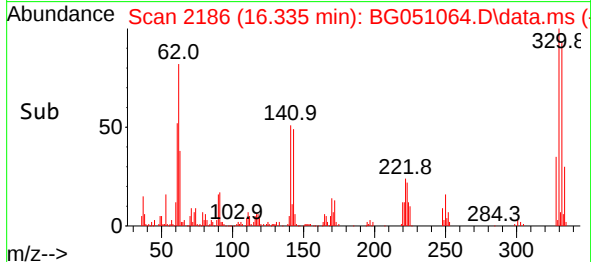
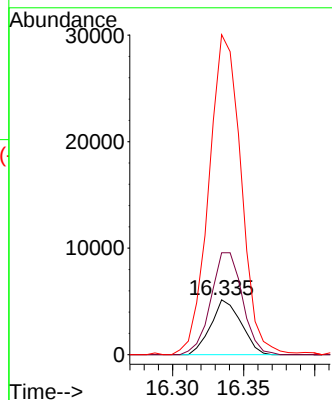
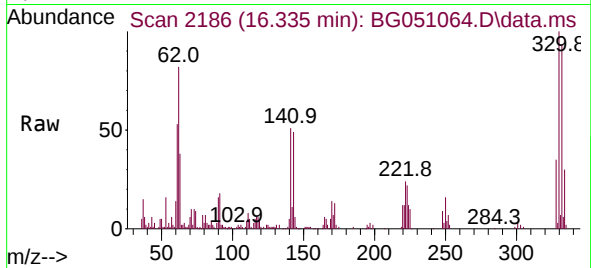




#67
4-Bromophenyl-phenylether
Concen: 3.887 ng
RT: 16.335 min Scan# 2186
Delta R.T. -0.443 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

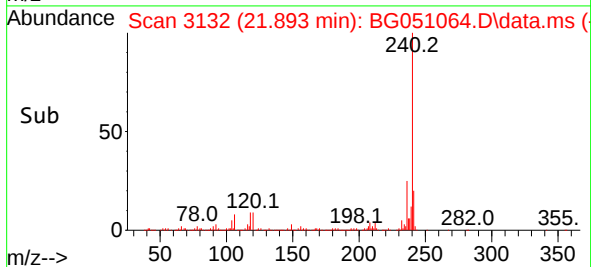
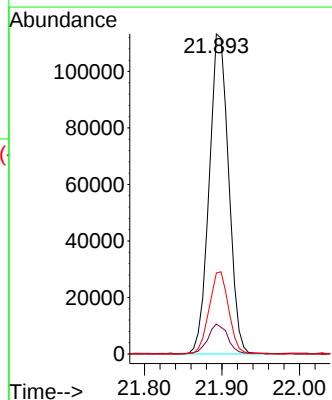
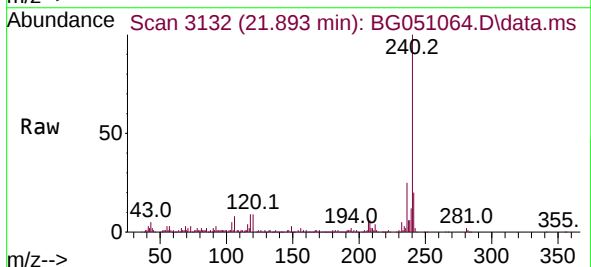
Instrument :
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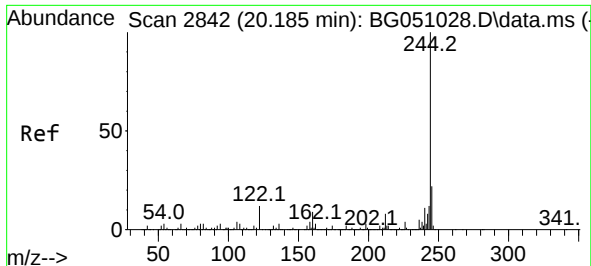
Tgt Ion:248 Resp: 7645
Ion Ratio Lower Upper
248 100
250 185.9 76.1 114.1#
141 583.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BG051064.D
Acq: 16 Nov 2021 12:55

Tgt Ion:240 Resp: 197264
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 25.3 21.8 32.6

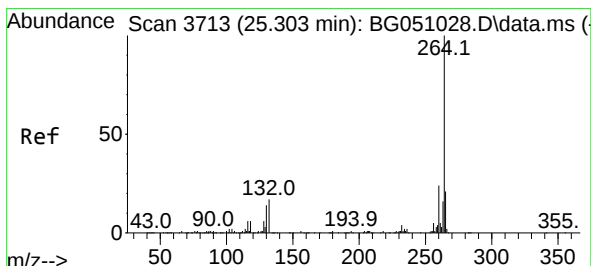
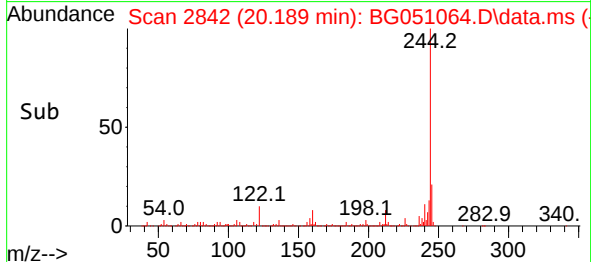
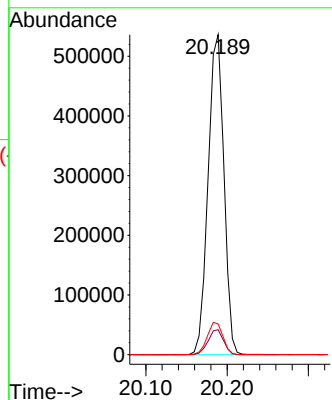
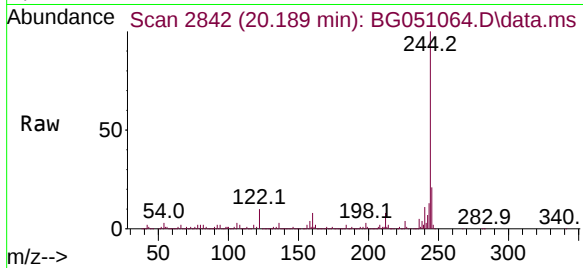




#79
 Terphenyl-d14
 Concen: 67.030 ng
 RT: 20.189 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG051064.D
 Acq: 16 Nov 2021 12:55

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 722629
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 9.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.300 min Scan# 3712
 Delta R.T. -0.002 min
 Lab File: BG051064.D
 Acq: 16 Nov 2021 12:55

Tgt Ion:264 Resp: 194689
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.0 16.9 25.3

