

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051079.D
 Acq On : 16 Nov 2021 23:21
 Operator : CG/JU
 Sample : M4640-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2-AS

Quant Time: Nov 17 00:43:47 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)

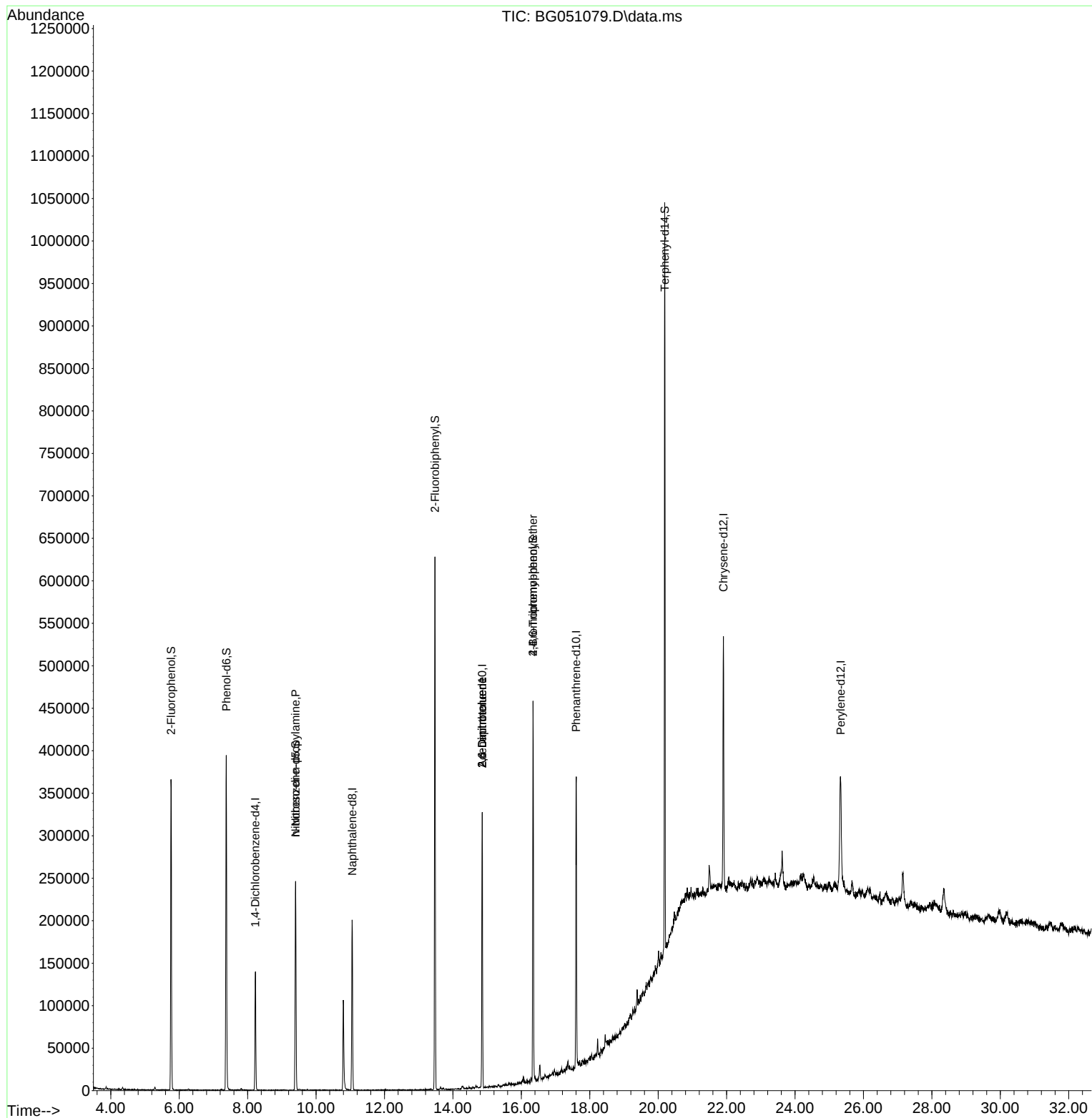
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	38382	20.000	ng	0.00
21) Naphthalene-d8	11.054	136	170452	20.000	ng	# 0.00
39) Acenaphthene-d10	14.856	164	112850	20.000	ng	0.00
64) Phenanthrene-d10	17.605	188	223211	20.000	ng	# 0.00
76) Chrysene-d12	21.906	240	186333	20.000	ng	# 0.00
86) Perylene-d12	25.332	264	179396	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.760	112	166305	64.816	ng	0.00
7) Phenol-d6	7.376	99	230809	63.733	ng	0.00
23) Nitrobenzene-d5	9.403	82	163882	42.560	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	75954	67.256	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	319882	44.787	ng	0.00
79) Terphenyl-d14	20.191	244	410951	40.355	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.403	70	22491	8.404	ng	# 69
51) 2,6-Dinitrotoluene	14.856	165	14960	8.186	ng	# 11
57) 2,4-Dinitrotoluene	14.856	165	14960	5.770	ng	# 16
67) 4-Bromophenyl-phenylether	16.342	248	5675	2.427	ng	# 1

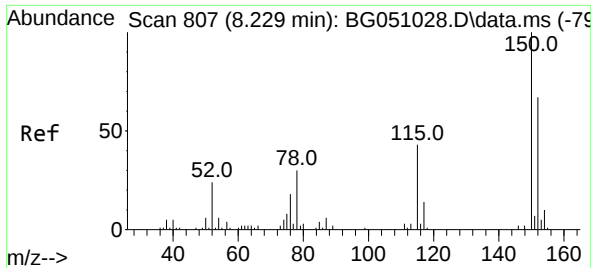
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051079.D
Acq On : 16 Nov 2021 23:21
Operator : CG/JU
Sample : M4640-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-2-AS

Quant Time: Nov 17 00:43:47 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

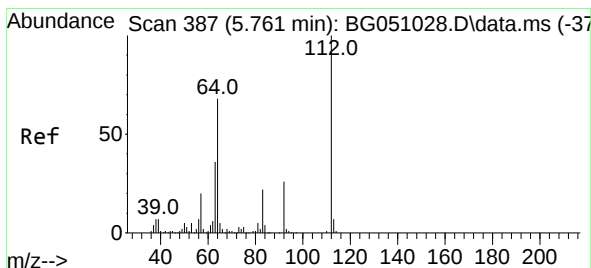
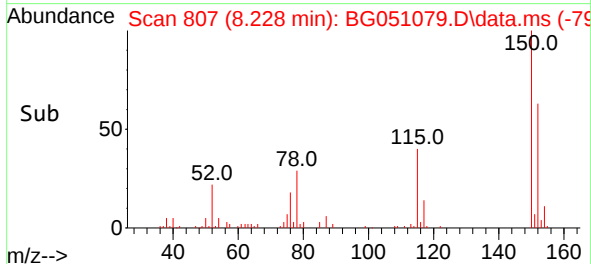
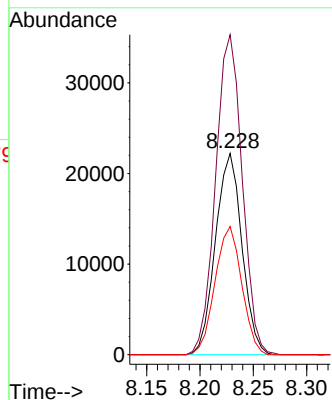
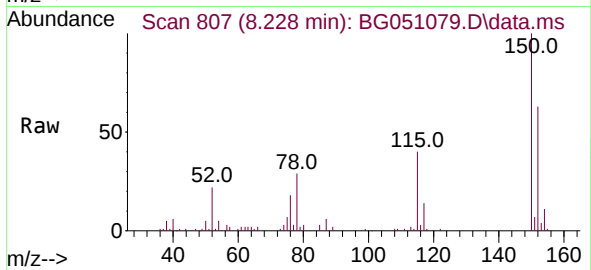




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

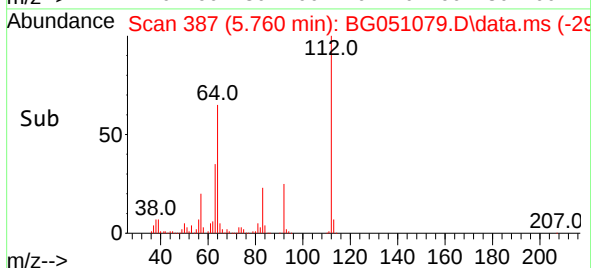
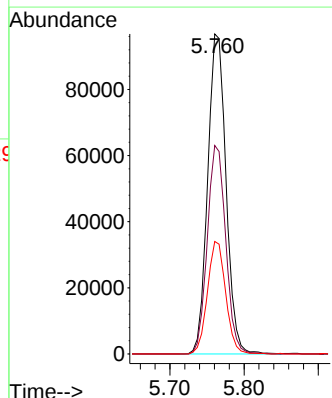
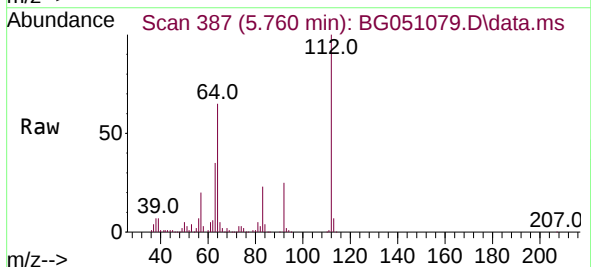
Instrument :
BNA_G
ClientSampleId :
WC-2-AS

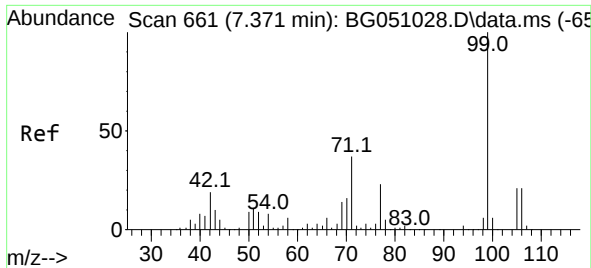
Tgt Ion:152 Resp: 38382
Ion Ratio Lower Upper
152 100
150 158.9 119.4 179.0
115 63.6 60.2 90.4



#5
2-Fluorophenol
Concen: 64.816 ng
RT: 5.760 min Scan# 387
Delta R.T. -0.001 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

Tgt Ion:112 Resp: 166305
Ion Ratio Lower Upper
112 100
64 65.2 46.7 70.1
63 35.1 35.3 52.9#

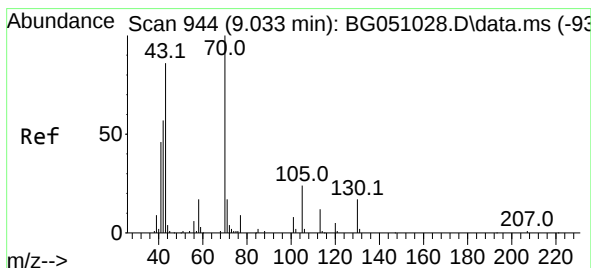
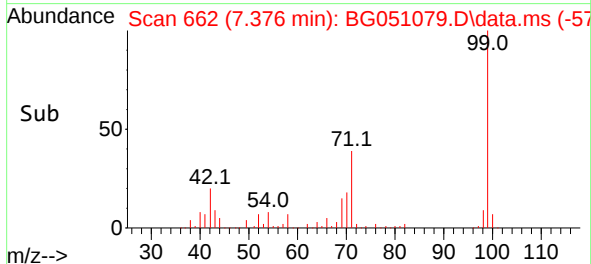
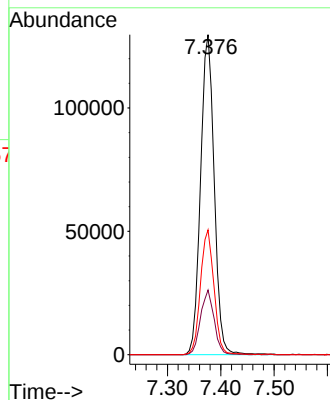
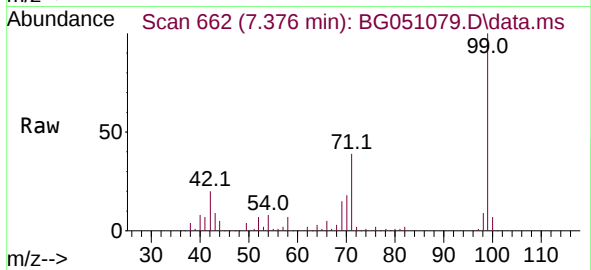




#7
Phenol-d6
Concen: 63.733 ng
RT: 7.376 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

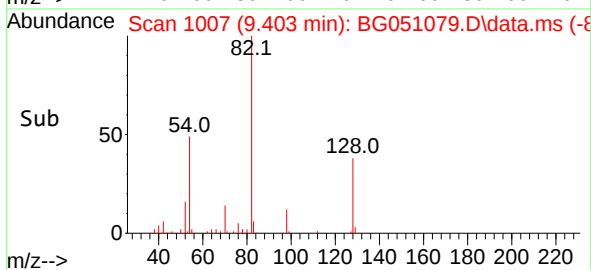
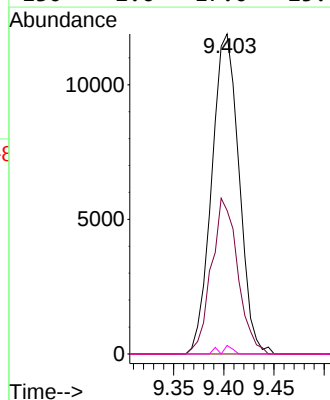
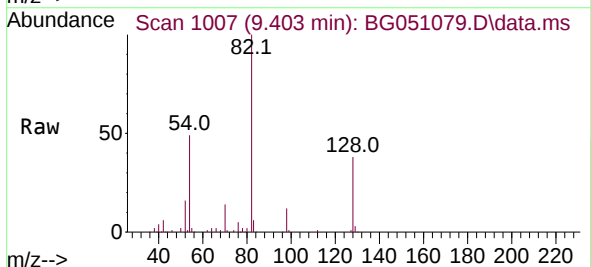
Instrument :
BNA_G
ClientSampleId :
WC-2-AS

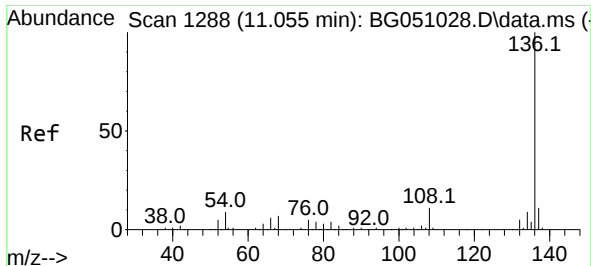
Tgt Ion: 99 Resp: 230809
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 39.0 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 8.404 ng
RT: 9.403 min Scan# 1007
Delta R.T. 0.370 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

Tgt Ion: 70 Resp: 22491
Ion Ratio Lower Upper
70 100
42 44.8 54.5 81.7#
101 0.0 9.0 13.6#
130 2.6 17.0 25.6#

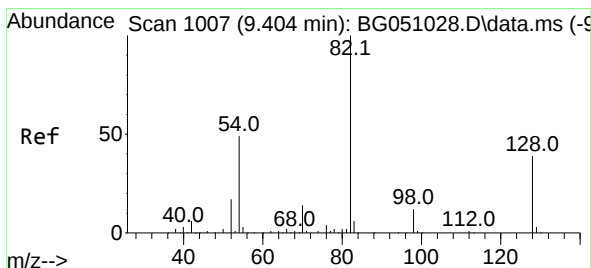
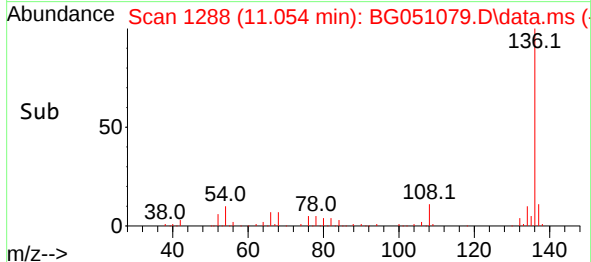
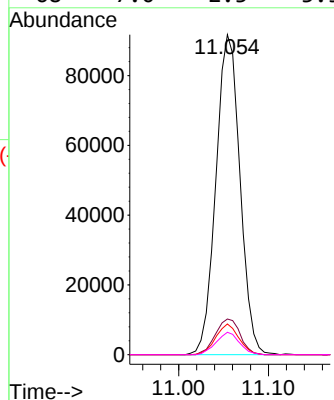
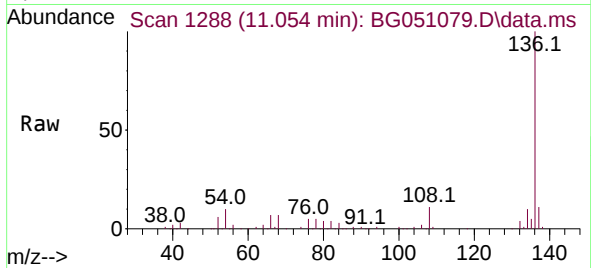




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

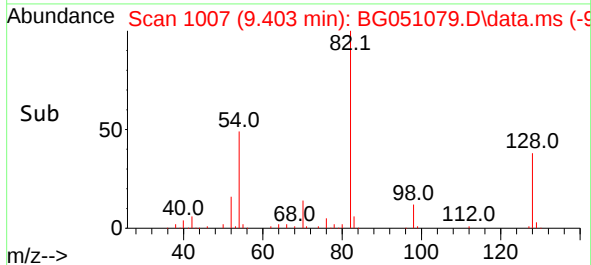
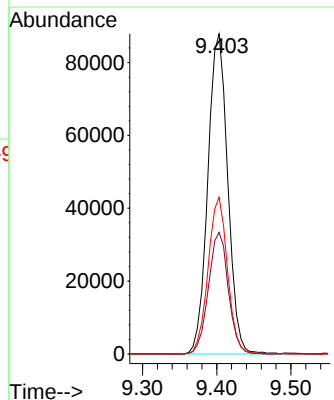
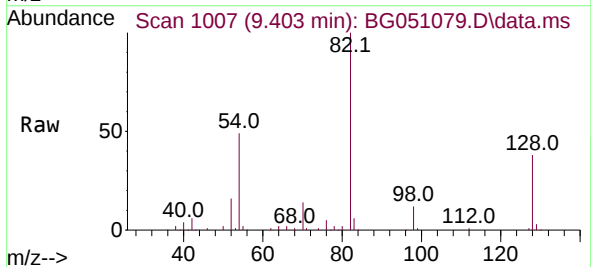
Instrument :
BNA_G
ClientSampleId :
WC-2-AS

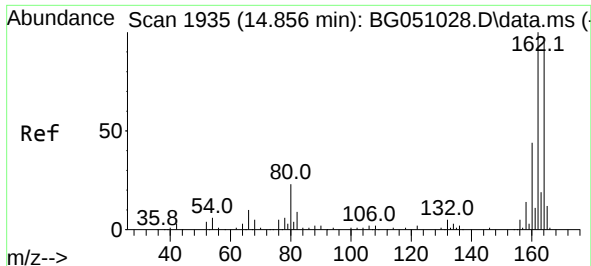
Tgt Ion:	136	Resp:	170452
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.2
54	9.6	5.5	8.3#
68	7.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 42.560 ng
RT: 9.403 min Scan# 1007
Delta R.T. -0.001 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

Tgt Ion:	82	Resp:	163882
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.8	44.6
54	49.0	45.8	68.8

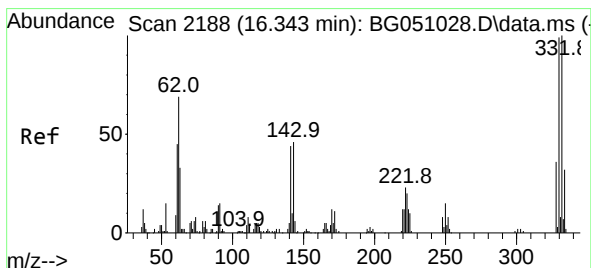
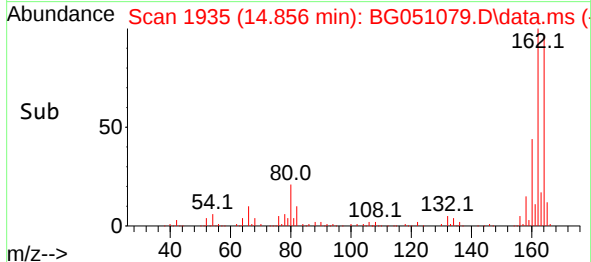
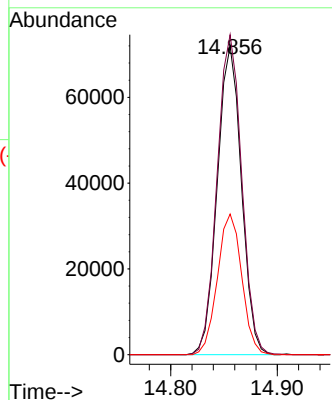
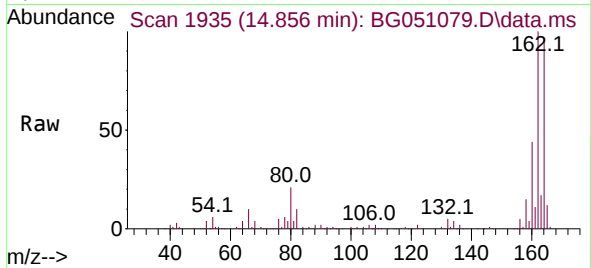




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

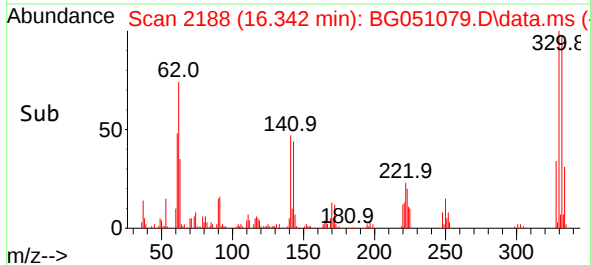
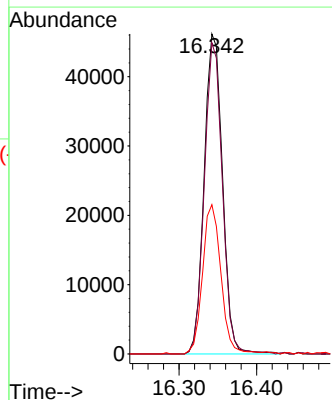
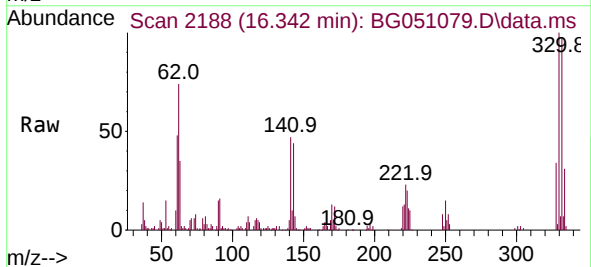
Instrument :
BNA_G
ClientSampleId :
WC-2-AS

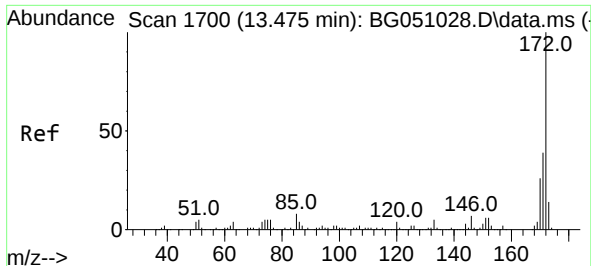
Tgt Ion:164 Resp: 112850
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 45.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 67.256 ng
RT: 16.342 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

Tgt Ion:330 Resp: 75954
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 47.0 35.6 53.4

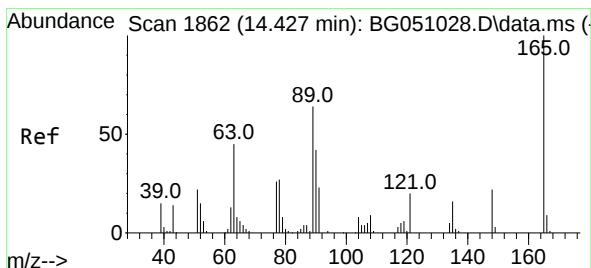
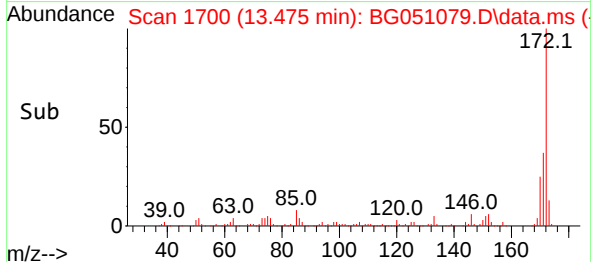
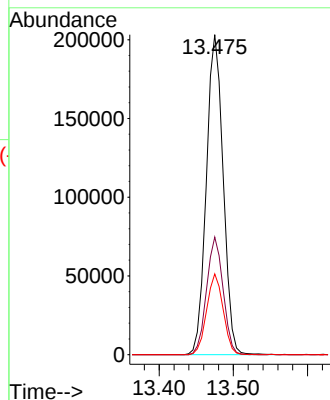
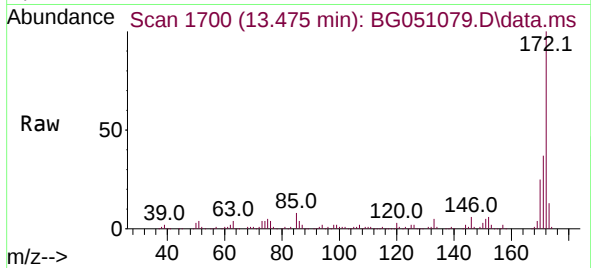




#45
2-Fluorobiphenyl
Concen: 44.787 ng
RT: 13.475 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

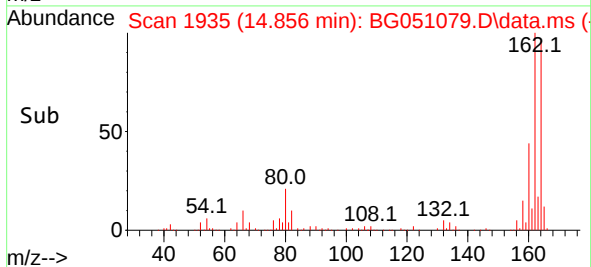
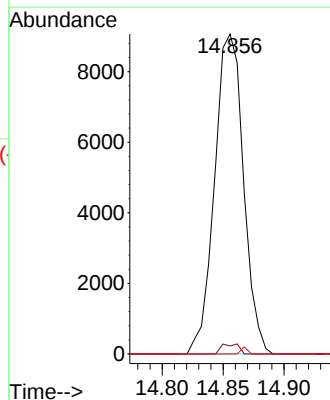
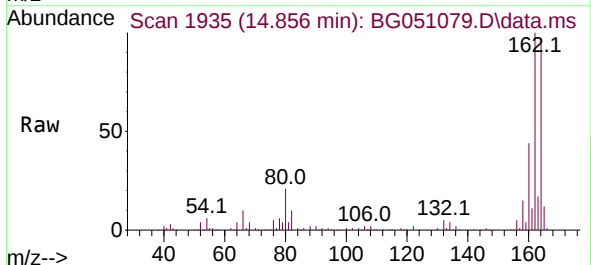
Instrument :
BNA_G
ClientSampleId :
WC-2-AS

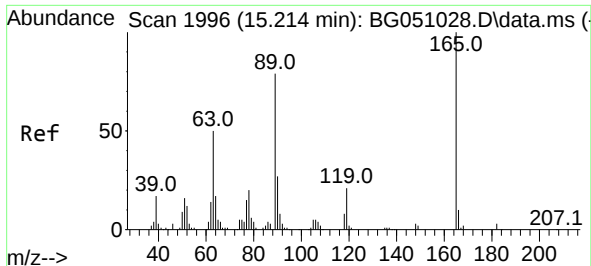
Tgt Ion:172 Resp: 319882
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 25.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.186 ng
RT: 14.856 min Scan# 1935
Delta R.T. 0.429 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

Tgt Ion:165 Resp: 14960
Ion Ratio Lower Upper
165 100
63 2.5 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.770 ng

RT: 14.856 min Scan# 1996

Delta R.T. -0.359 min

Lab File: BG051079.D

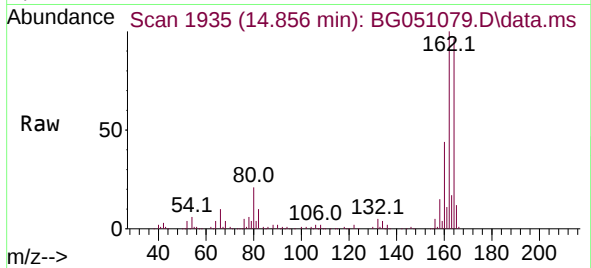
Acq: 16 Nov 2021 23:21

Instrument :

BNA_G

ClientSampleId :

WC-2-AS



Tgt Ion:165 Resp: 14960

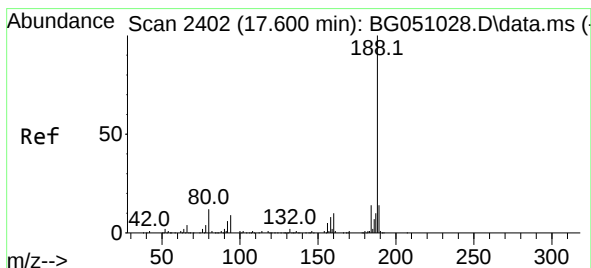
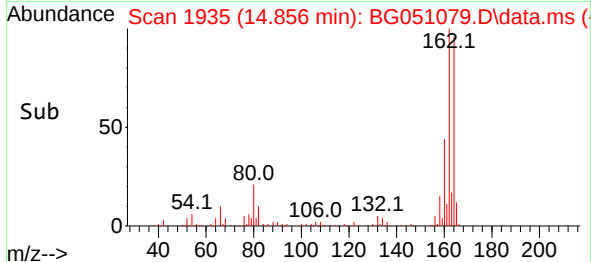
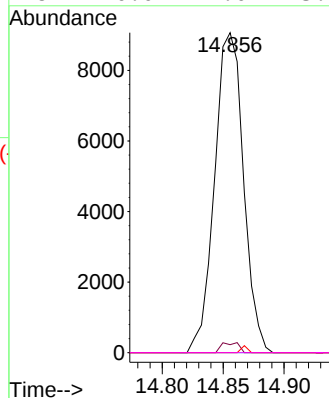
Ion Ratio Lower Upper

165 100

63 2.5 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.605 min Scan# 2403

Delta R.T. 0.005 min

Lab File: BG051079.D

Acq: 16 Nov 2021 23:21

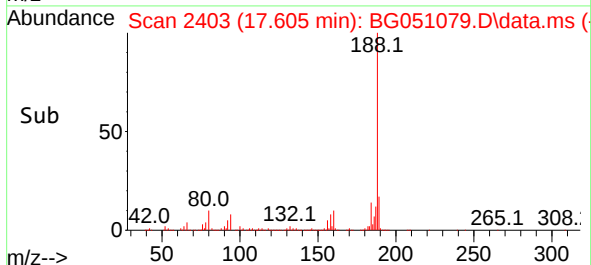
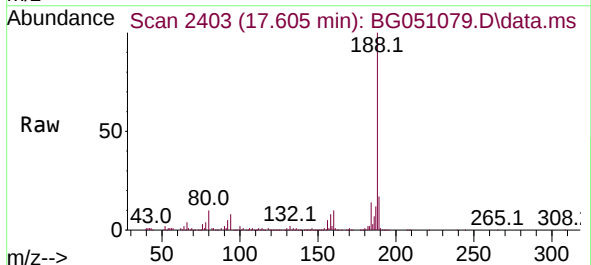
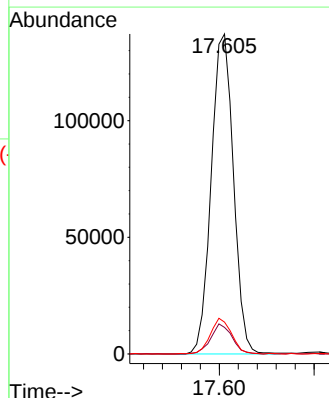
Tgt Ion:188 Resp: 223211

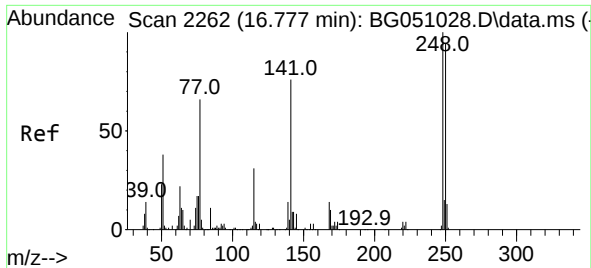
Ion Ratio Lower Upper

188 100

94 8.3 5.4 8.0#

80 10.0 3.7 5.5#

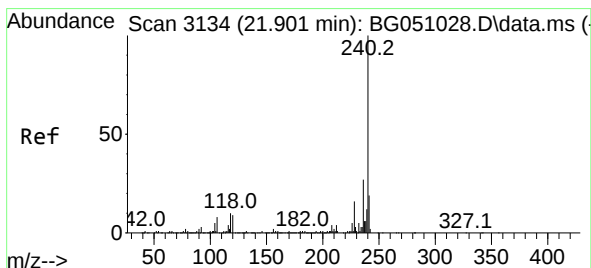
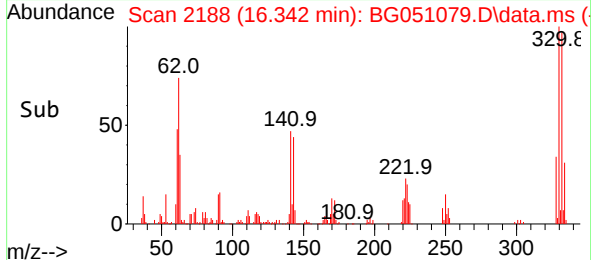
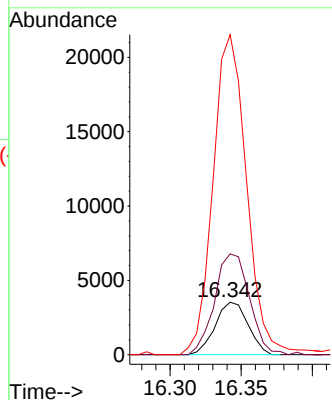
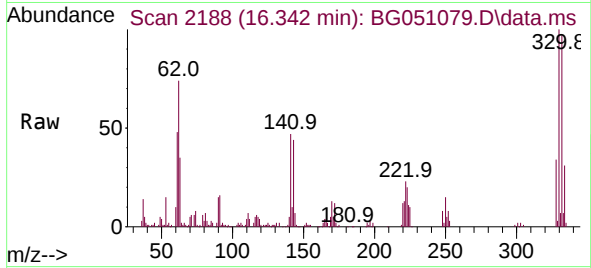




#67
4-Bromophenyl-phenylether
Concen: 2.427 ng
RT: 16.342 min Scan# 2188
Delta R.T. -0.435 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

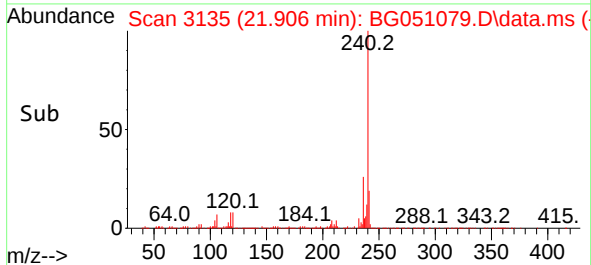
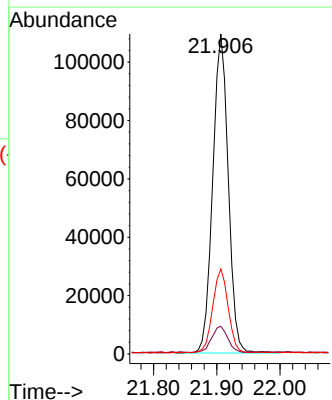
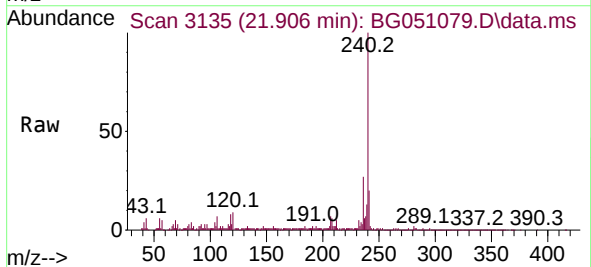
Instrument :
BNA_G
ClientSampleId :
WC-2-AS

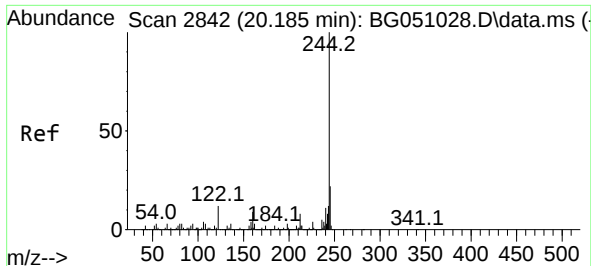
Tgt Ion:248 Resp: 5675
Ion Ratio Lower Upper
248 100
250 192.0 76.1 114.1#
141 609.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.906 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

Tgt Ion:240 Resp: 186333
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 26.6 21.8 32.6

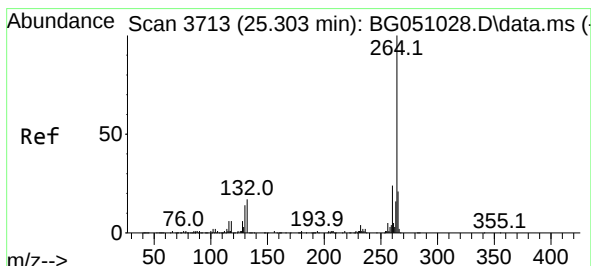
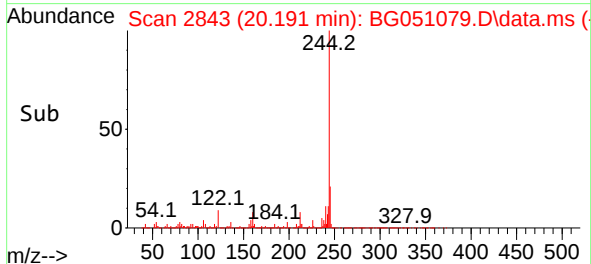
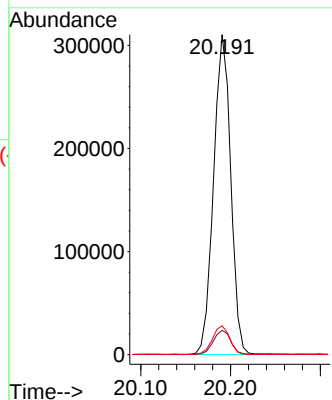
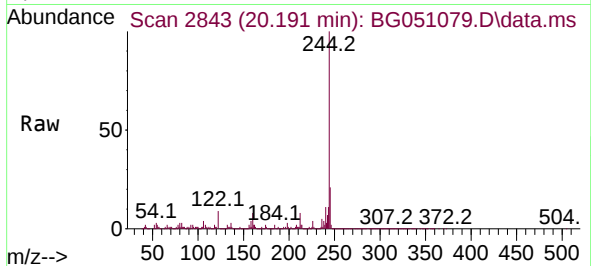




#79
 Terphenyl-d14
 Concen: 40.355 ng
 RT: 20.191 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG051079.D
 Acq: 16 Nov 2021 23:21

Instrument :
 BNA_G
 ClientSampleId :
 WC-2-AS

Tgt Ion:244 Resp: 410951
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.9 10.3
 122 9.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.332 min Scan# 3718
 Delta R.T. 0.029 min
 Lab File: BG051079.D
 Acq: 16 Nov 2021 23:21

Tgt Ion:264 Resp: 179396
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.1 16.9 25.3

