

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

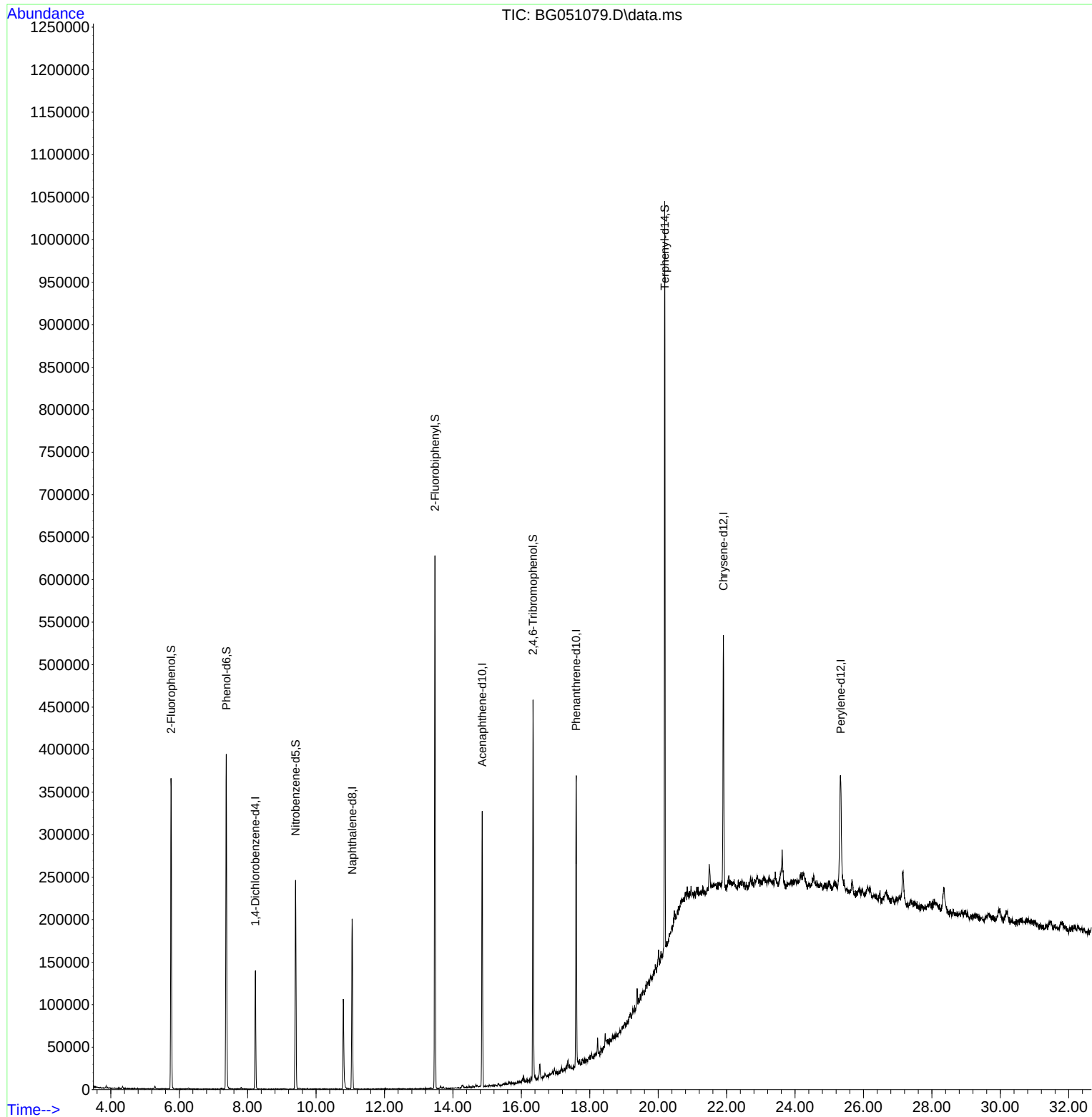
Target Compounds	Qvalue

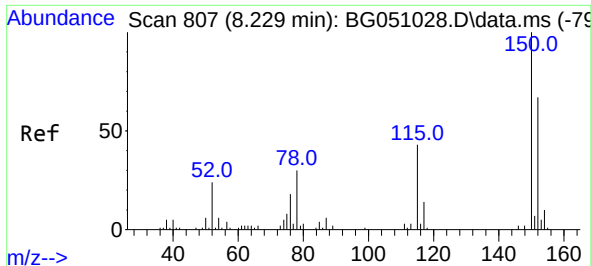
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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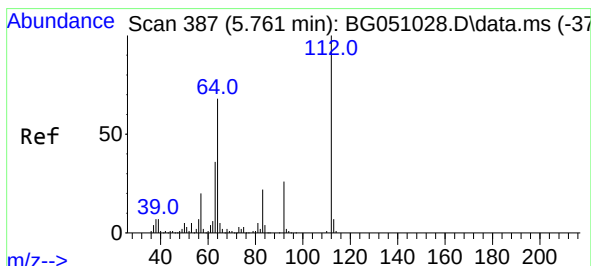
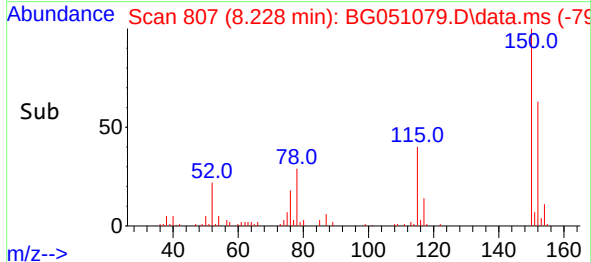
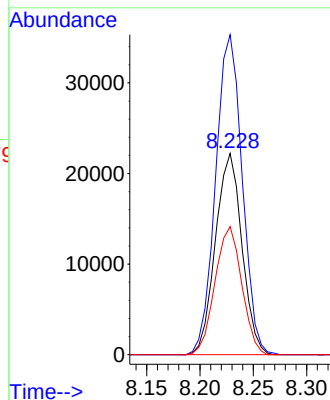
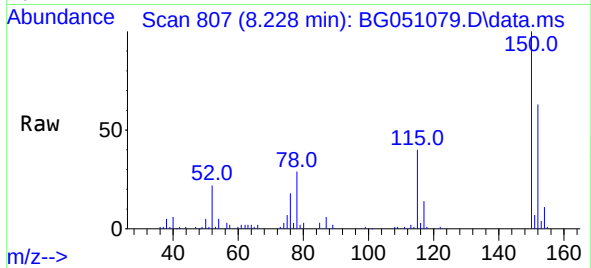




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

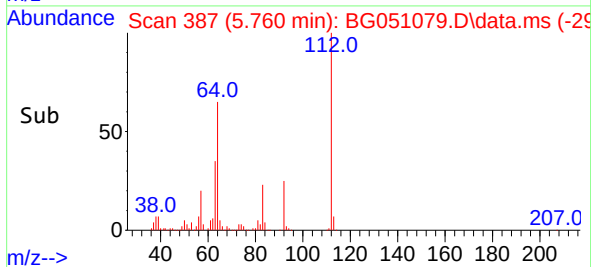
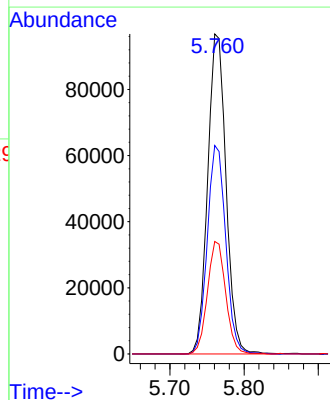
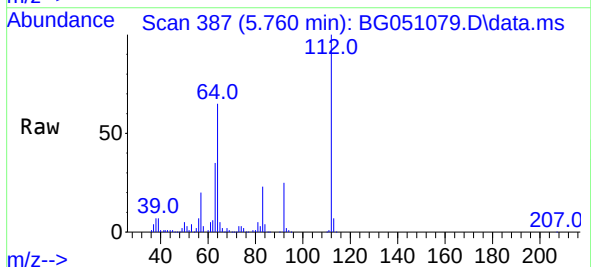
Instrument :
BNA_G
ClientSampleId :
WC-2-AS

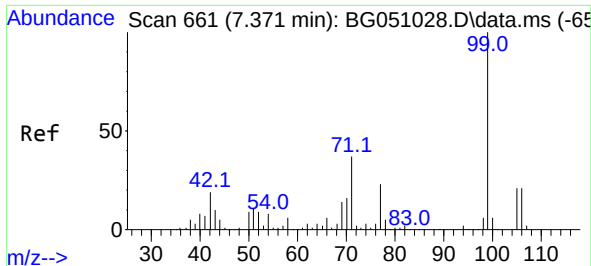
Tgt Ion:152 Resp: 38382
Ion Ratio Lower Upper
152 100
150 158.9 119.4 179.0
115 63.6 60.2 90.4



#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#

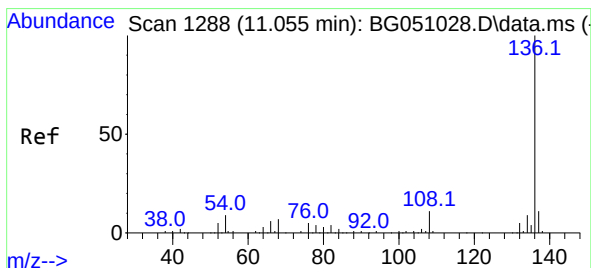
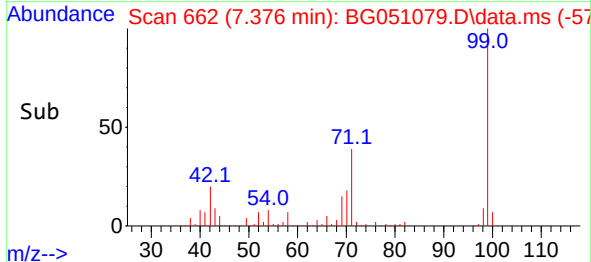
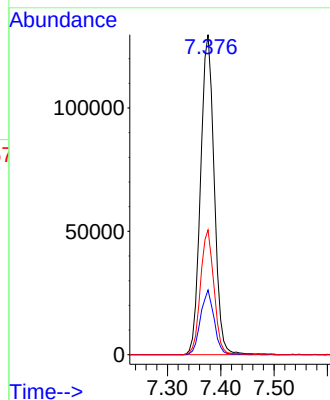
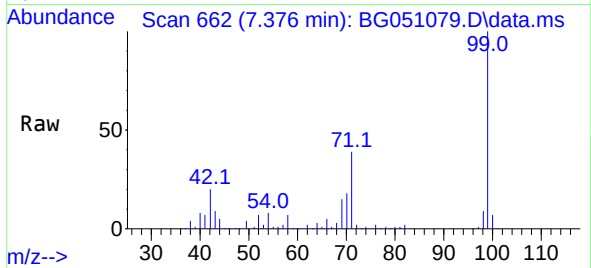




#7
Phenol-d6
Concen: 63.733 ng
RT: 7.376 min Scan# 661
Delta R.T. 0.005 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

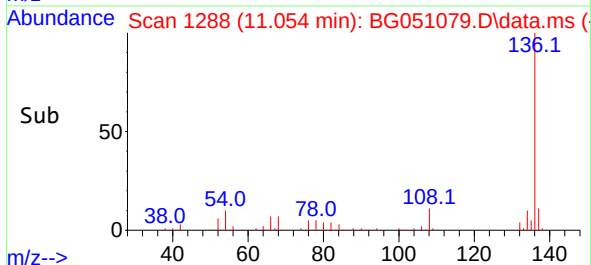
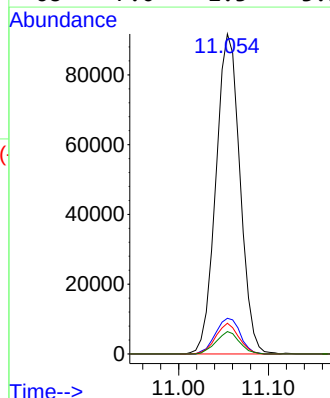
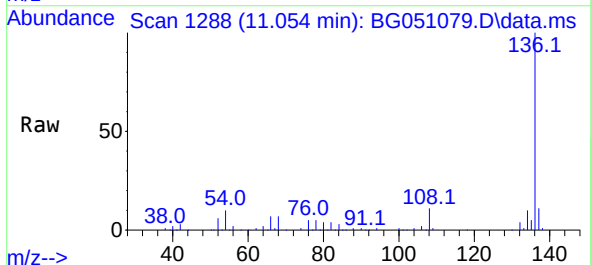
Instrument :
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ClientSampleId :
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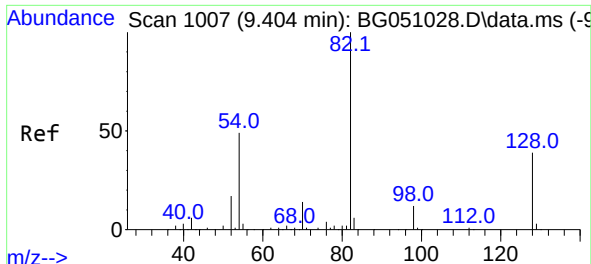
Tgt Ion: 99 Resp: 230809
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 39.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

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#

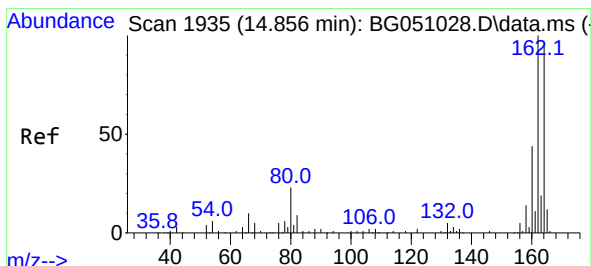
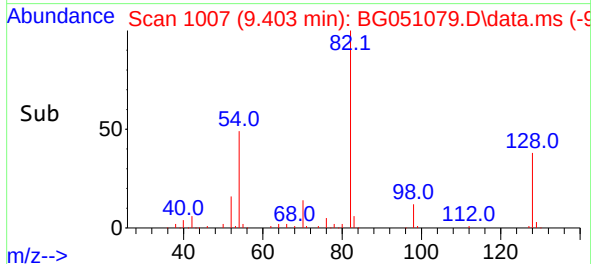
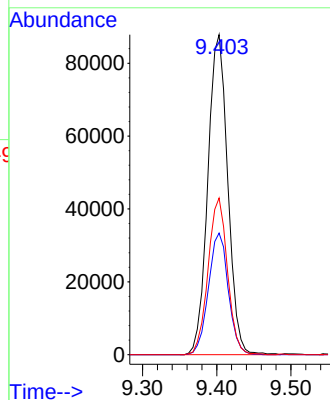
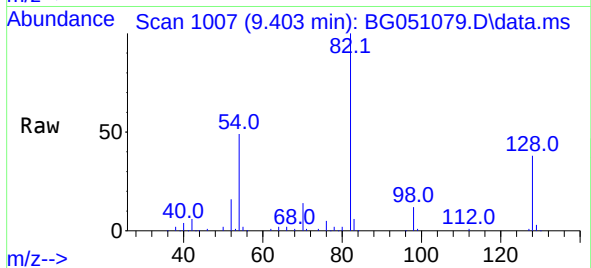




#23
Nitrobenzene-d5
Concen: 42.560 ng
RT: 9.403 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

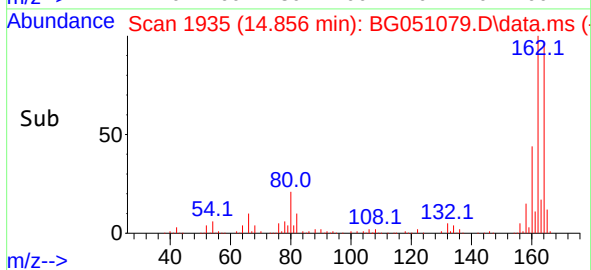
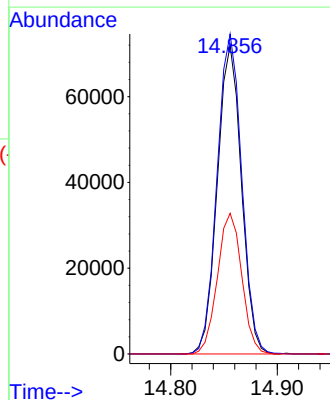
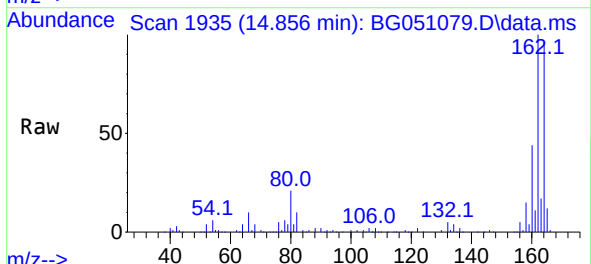
Instrument :
BNA_G
ClientSampleId :
WC-2-AS

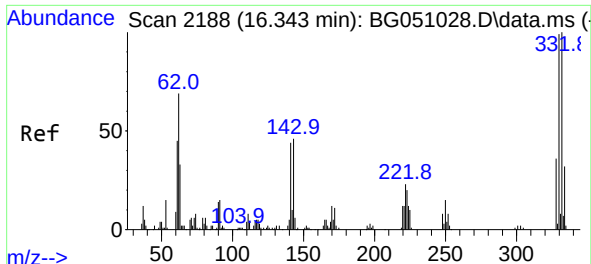
Tgt Ion: 82 Resp: 163882
Ion Ratio Lower Upper
82 100
128 38.0 29.8 44.6
54 49.0 45.8 68.8



#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

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

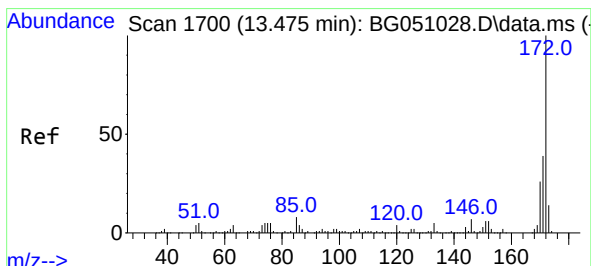
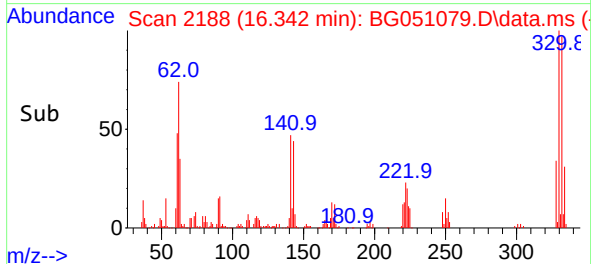
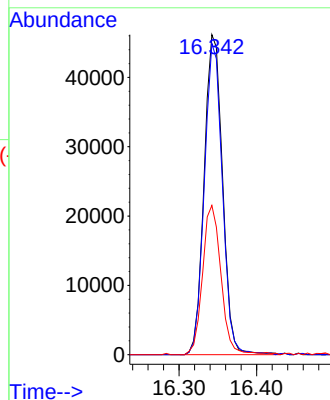
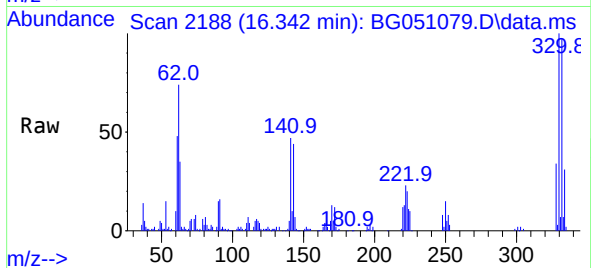




#42
2,4,6-Tribromophenol
Concen: 67.256 ng
RT: 16.342 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

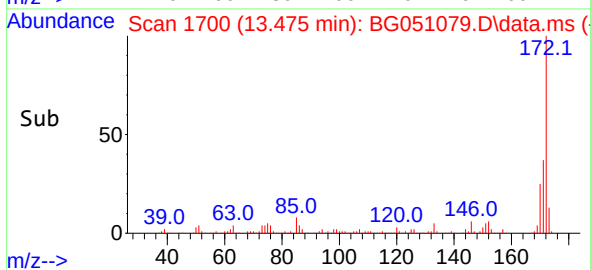
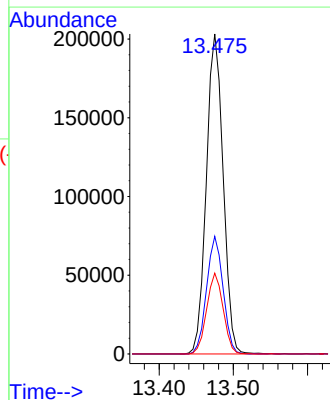
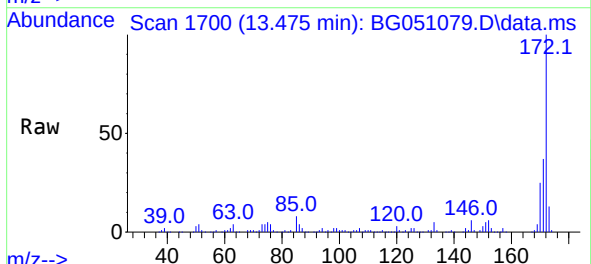
Instrument :
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ClientSampleId :
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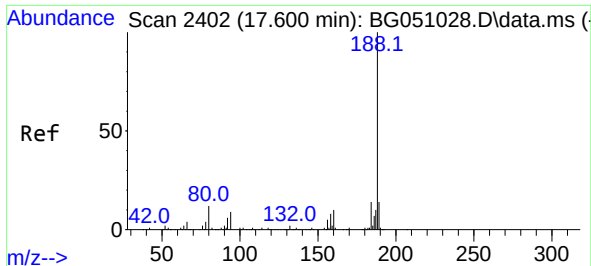
Tgt Ion:330 Resp: 75954
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 47.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 44.787 ng
RT: 13.475 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

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

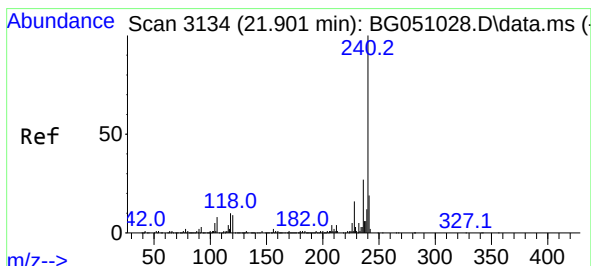
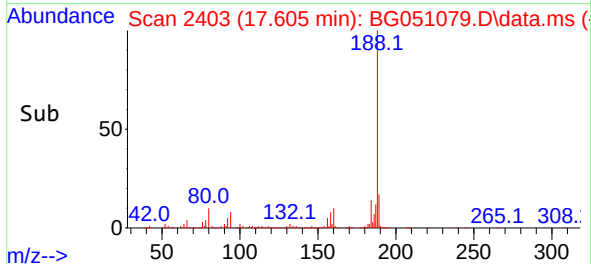
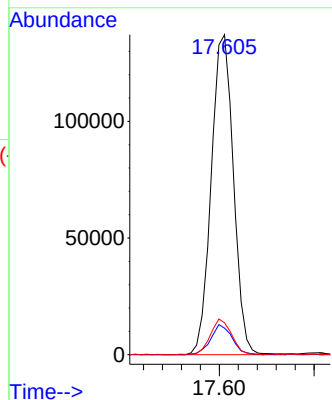
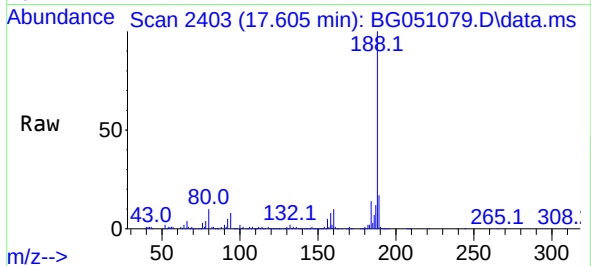




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.605 min Scan# 2402
Delta R.T. 0.005 min
Lab File: BG051079.D
Acq: 16 Nov 2021 23:21

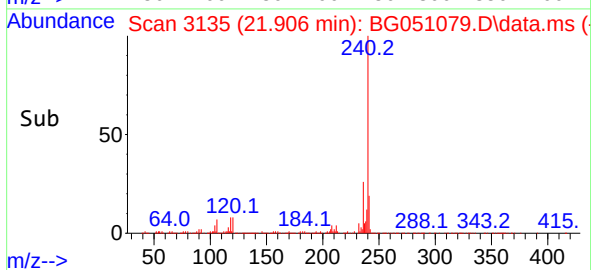
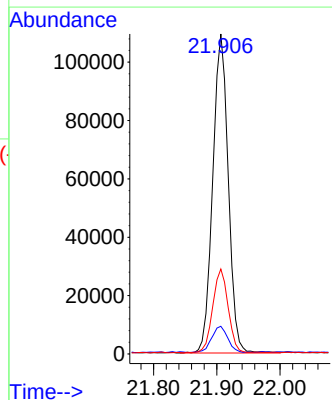
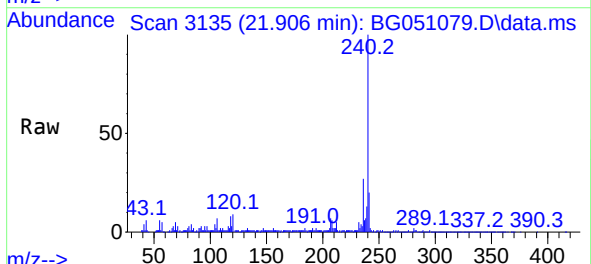
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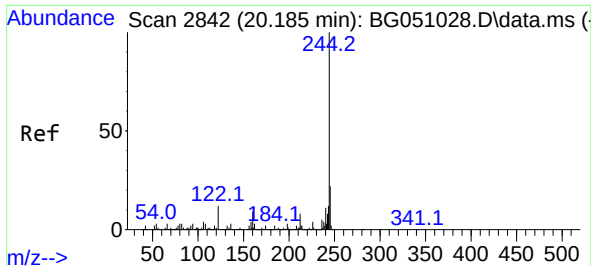
Tgt Ion:188 Resp: 223211
Ion Ratio Lower Upper
188 100
94 8.3 5.4 8.0#
80 10.0 3.7 5.5#



#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

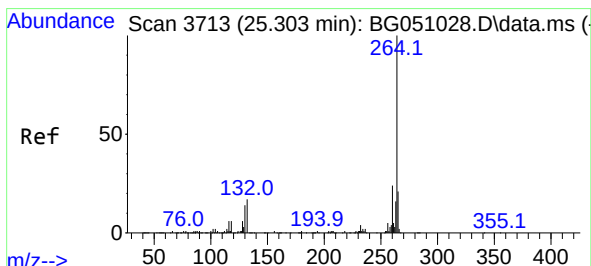
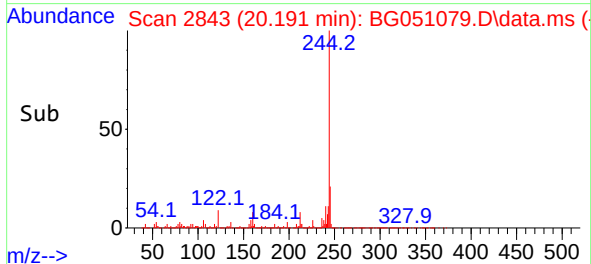
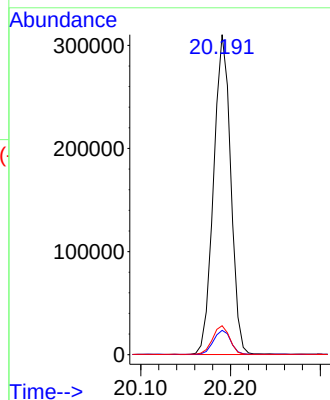
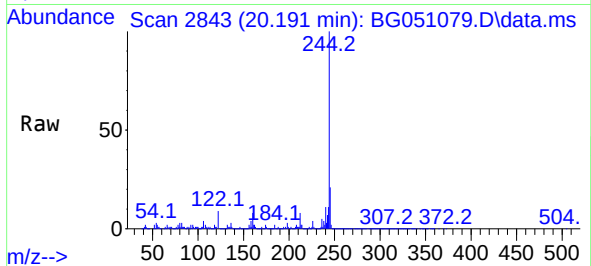




#79
 Terphenyl-d14
 Concen: 40.355 ng
 RT: 20.191 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG051079.D
 Acq: 16 Nov 2021 23:21

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

