

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051177.D
 Acq On : 22 Nov 2021 19:36
 Operator : CG/JU
 Sample : M4777-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-223

Quant Time: Nov 23 00:51:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

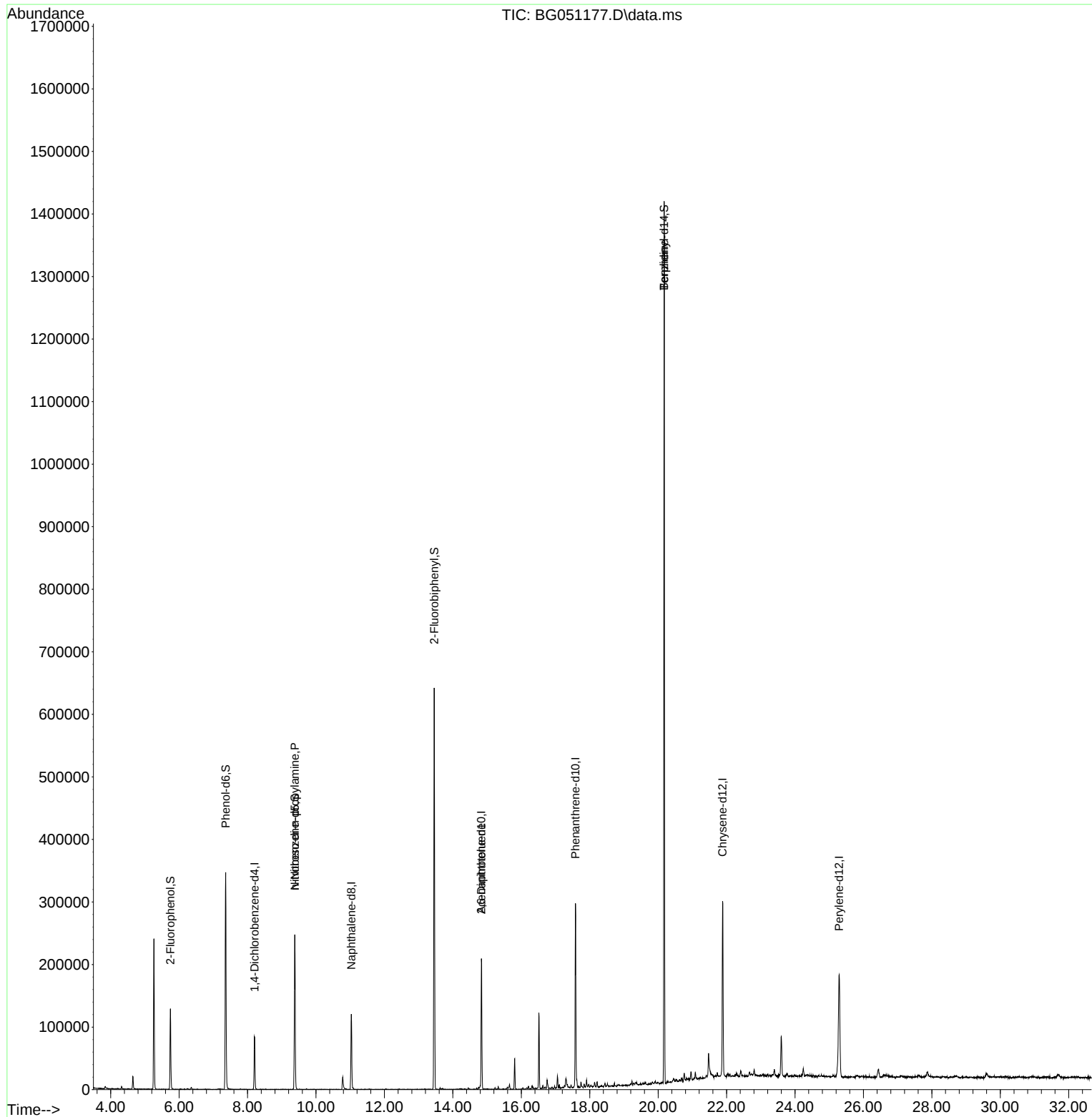
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	24198	20.000	ng	-0.01
21) Naphthalene-d8	11.032	136	104283	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	74578	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	183475	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	178217	20.000	ng	# 0.00
86) Perylene-d12	25.286	264	177161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	57216	36.551	ng	0.00
7) Phenol-d6	7.359	99	205622	93.264	ng	0.00
23) Nitrobenzene-d5	9.381	82	162062	70.941	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	453	0.571	ng	0.01
45) 2-Fluorobiphenyl	13.458	172	333313	67.441	ng	0.00
79) Terphenyl-d14	20.174	244	647251	66.393	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.381	70	21780	13.383	ng	# 72
51) 2,6-Dinitrotoluene	14.833	165	10088	8.406	ng	# 11
77) Benizidine	20.174	184	11250	3.844	ng	# 94

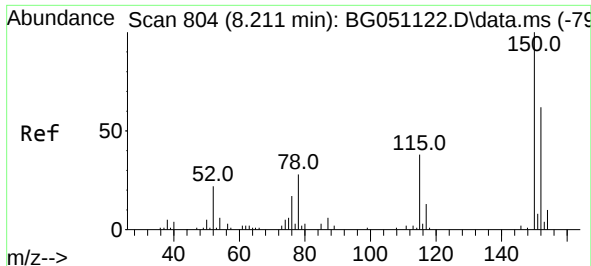
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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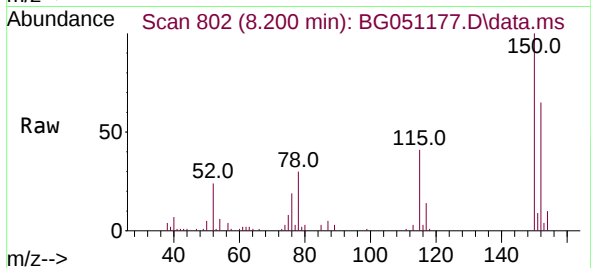
Quant Time: Nov 23 00:51:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration



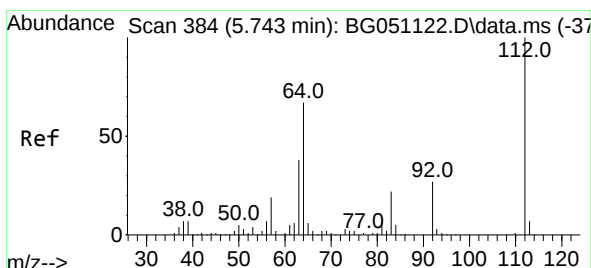
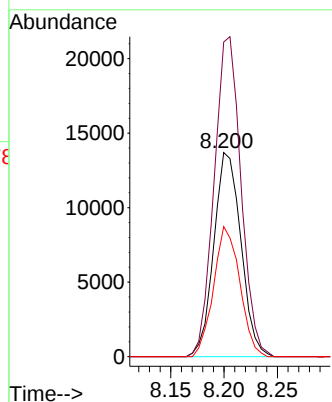
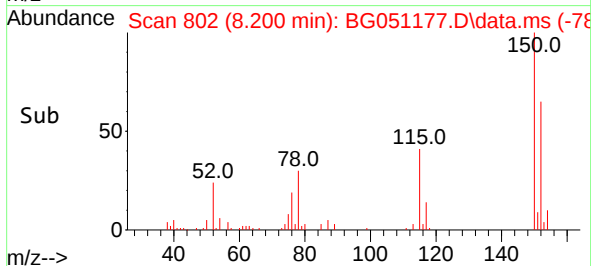


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 804
Delta R.T. -0.011 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Instrument :
BNA_G
ClientSampleId :
VNJ-223

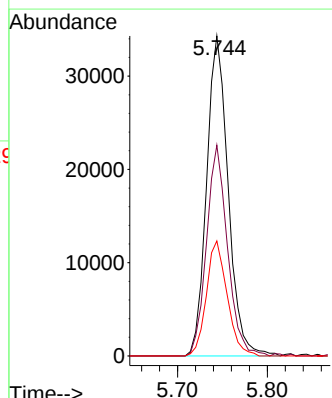
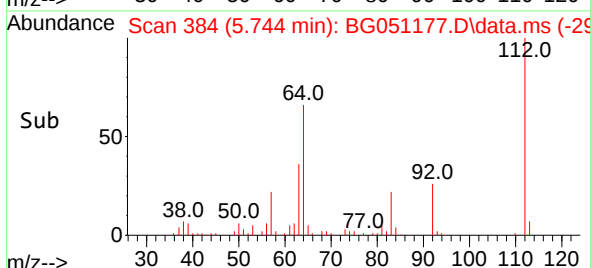
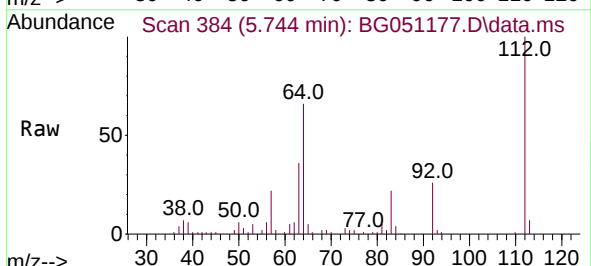


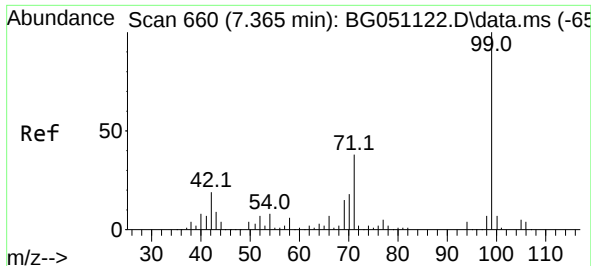
Tgt Ion:152 Resp: 24198
Ion Ratio Lower Upper
152 100
150 154.2 119.4 179.0
115 63.7 60.2 90.4



#5
2-Fluorophenol
Concen: 36.551 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Tgt Ion:112 Resp: 57216
Ion Ratio Lower Upper
112 100
64 65.9 46.7 70.1
63 36.0 35.3 52.9

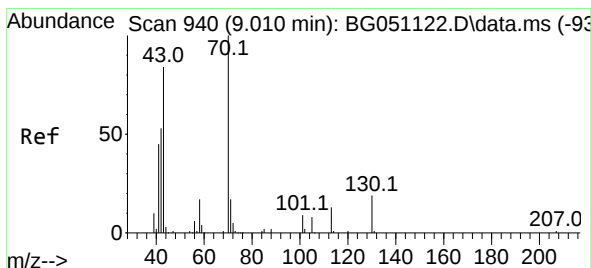
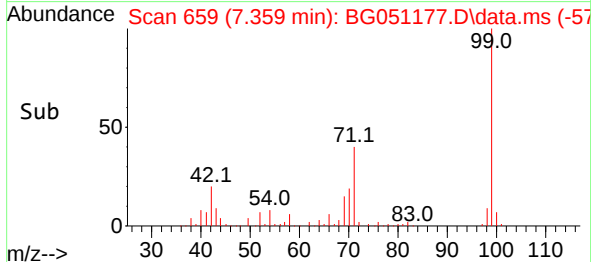
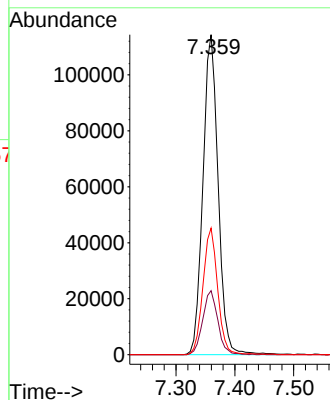
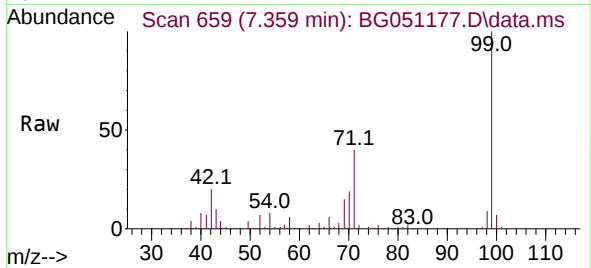




#7
Phenol-d6
Concen: 93.264 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

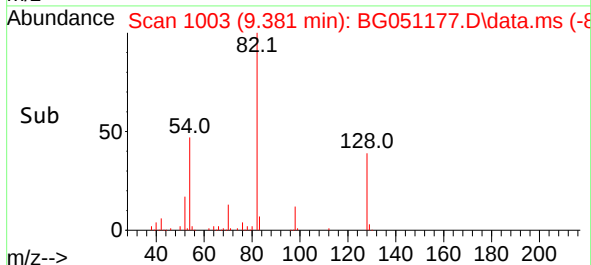
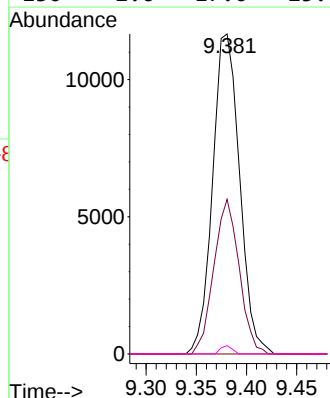
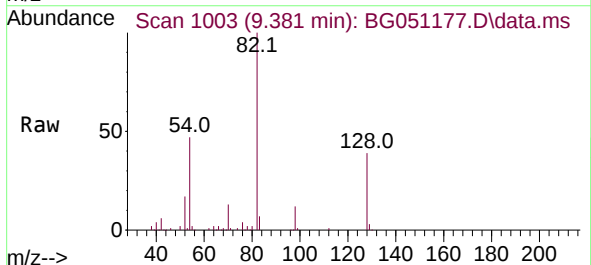
Instrument :
BNA_G
ClientSampleId :
VNJ-223

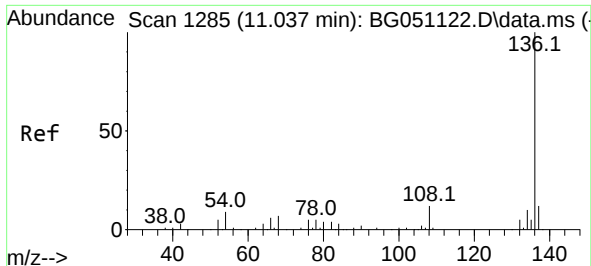
Tgt Ion: 99 Resp: 205622
Ion Ratio Lower Upper
99 100
42 20.0 20.5 30.7#
71 39.5 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.383 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Tgt Ion: 70 Resp: 21780
Ion Ratio Lower Upper
70 100
42 48.3 54.5 81.7#
101 0.0 9.0 13.6#
130 2.6 17.0 25.6#

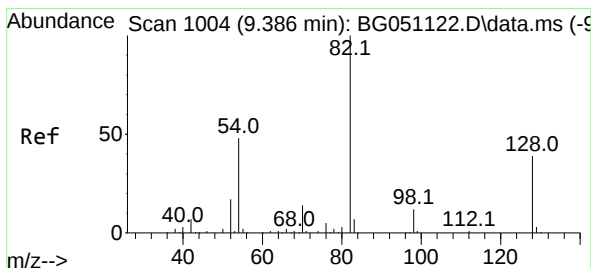
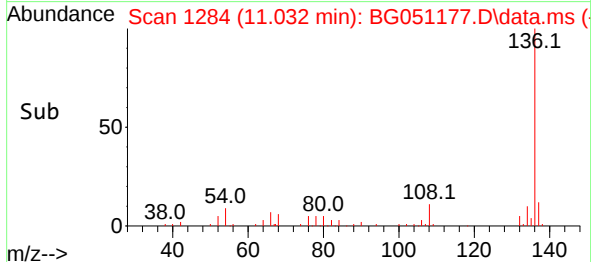
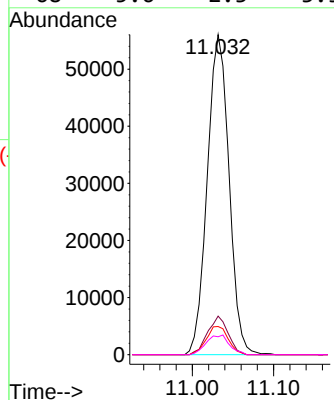
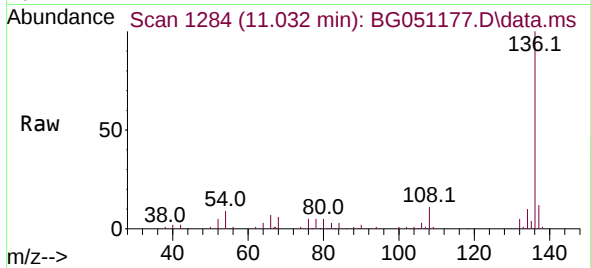




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1103
Delta R.T. -0.005 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

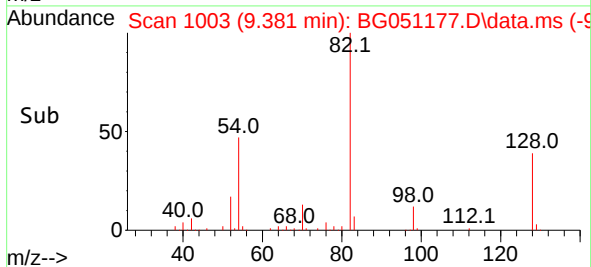
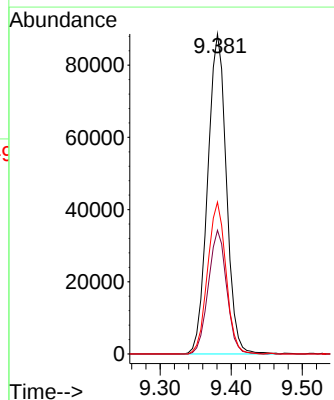
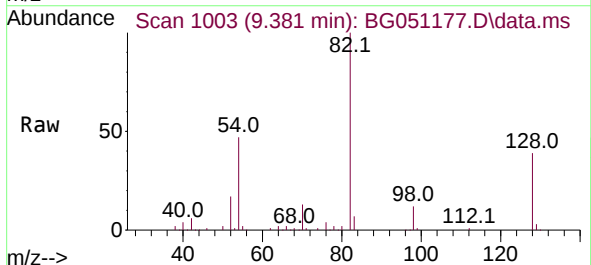
Instrument :
BNA_G
ClientSampleId :
VNJ-223

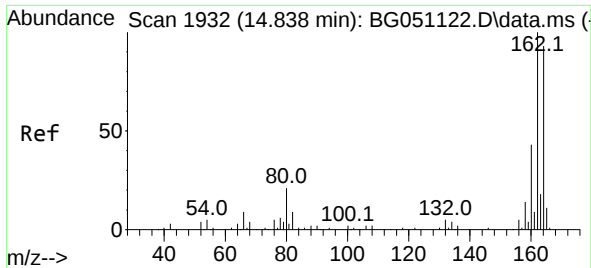
Tgt Ion:	136	Resp:	104283
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.2	12.2
54	8.8	5.5	8.3#
68	5.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 70.941 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Tgt Ion:	82	Resp:	162062
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.8	44.6
54	47.5	45.8	68.8

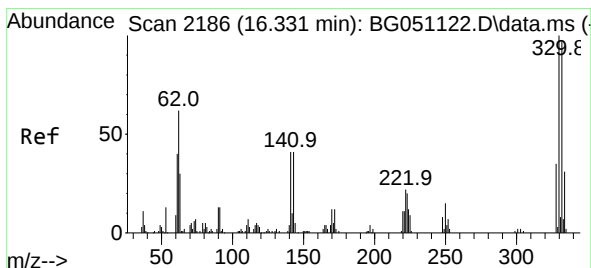
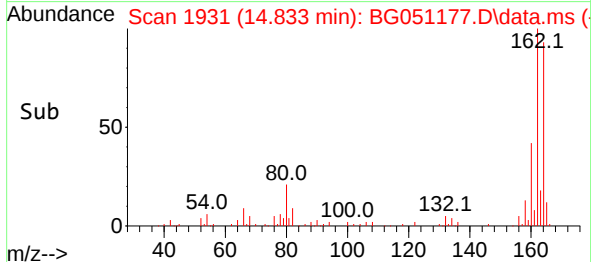
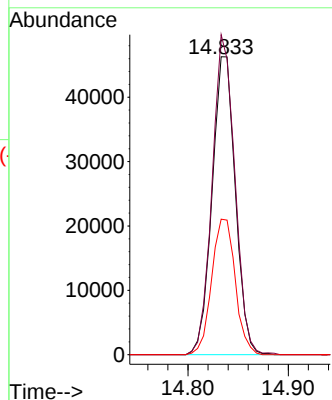
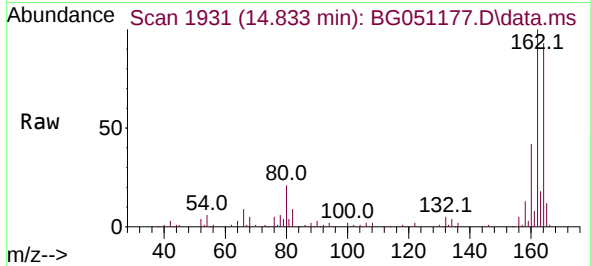




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

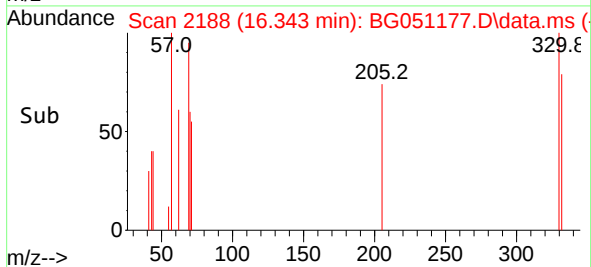
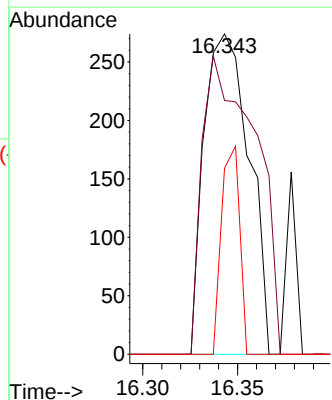
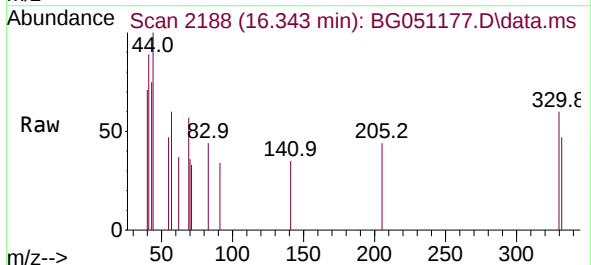
Instrument :
BNA_G
ClientSampleId :
VNJ-223

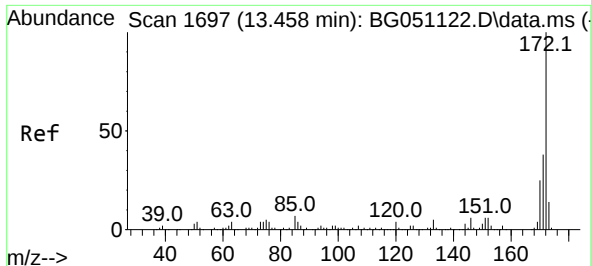
Tgt Ion:164 Resp: 74578
Ion Ratio Lower Upper
164 100
162 107.4 81.4 122.0
160 45.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 0.571 ng
RT: 16.343 min Scan# 2188
Delta R.T. 0.012 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Tgt Ion:330 Resp: 453
Ion Ratio Lower Upper
330 100
332 110.2 77.3 115.9
141 26.3 35.6 53.4#

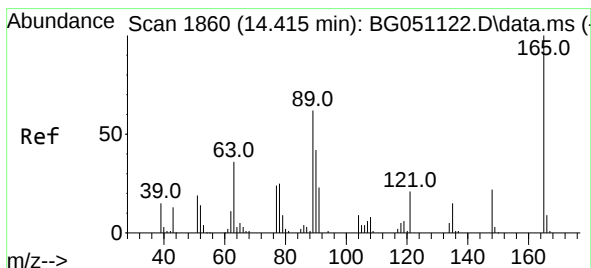
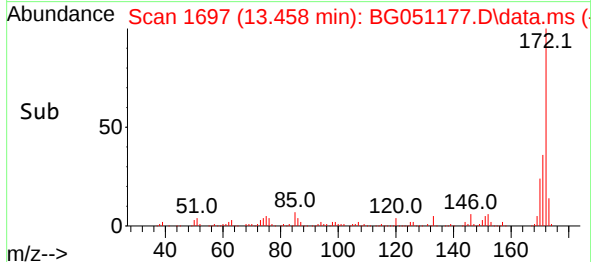
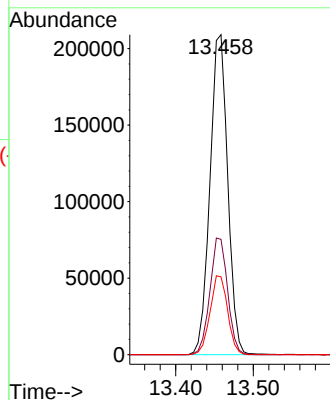
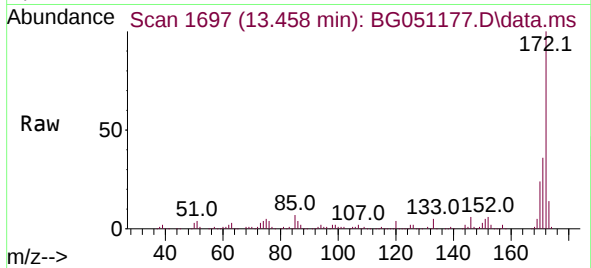




#45
2-Fluorobiphenyl
Concen: 67.441 ng
RT: 13.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

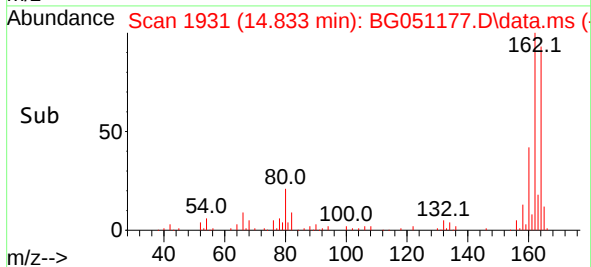
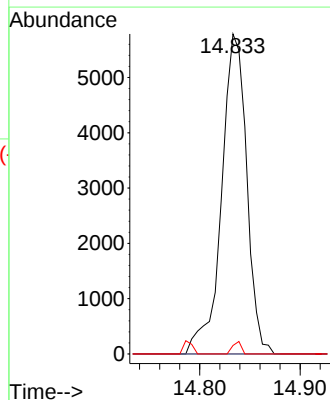
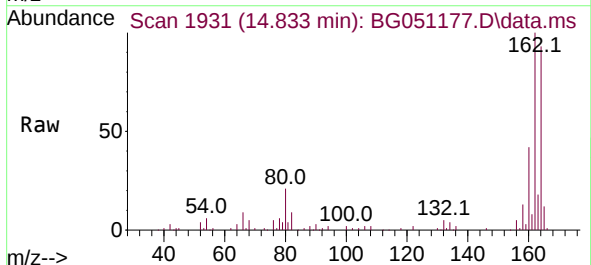
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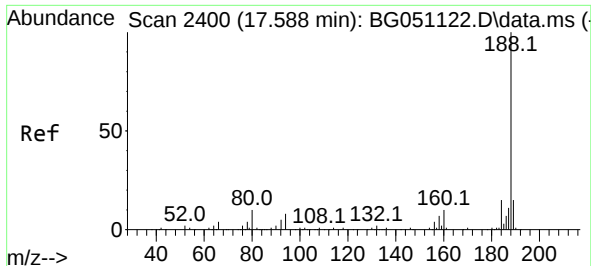
Tgt Ion:172 Resp: 333313
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.406 ng
RT: 14.833 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Tgt Ion:165 Resp: 10088
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.6 63.4 95.0#

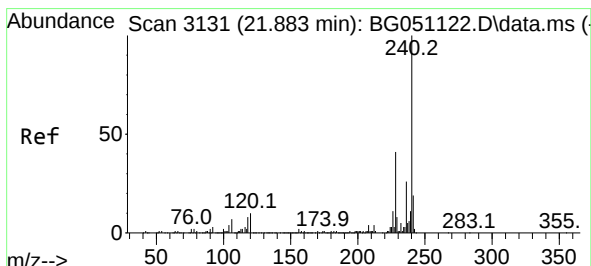
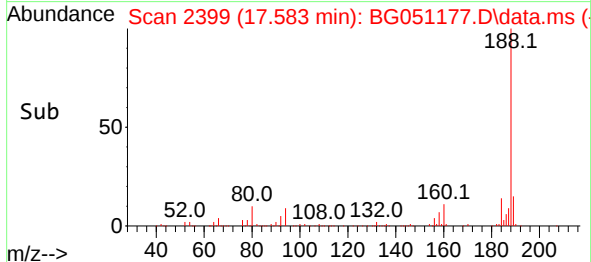
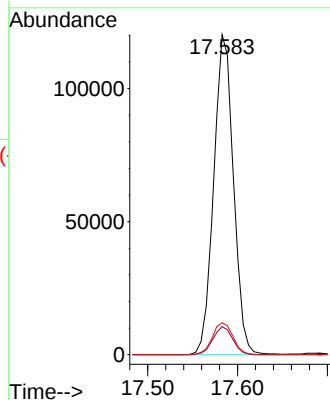
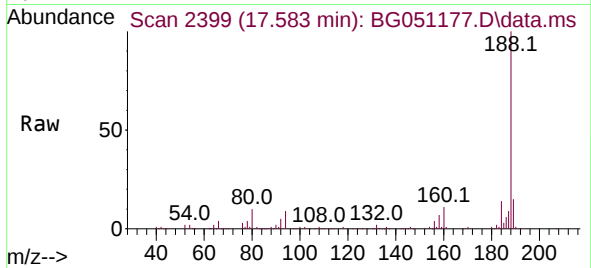




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

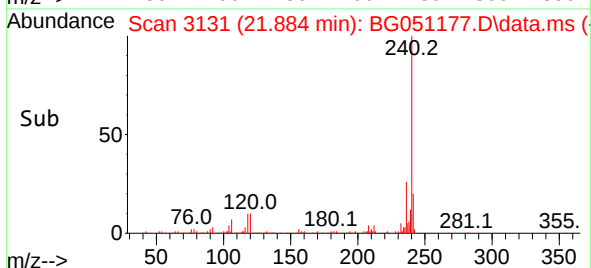
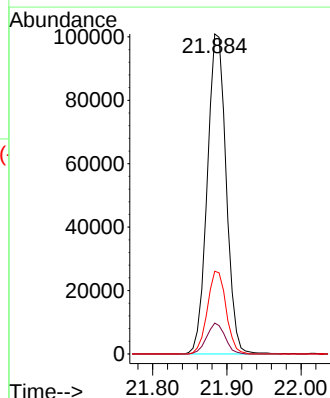
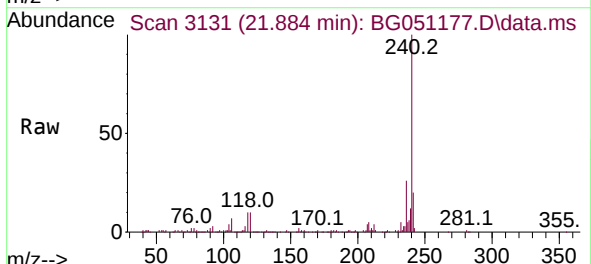
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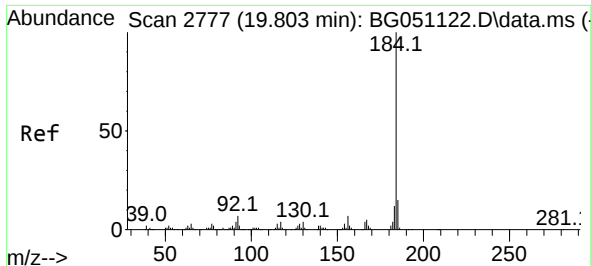
Tgt Ion:188 Resp: 183475
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 10.0 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Tgt Ion:240 Resp: 178217
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.9 21.8 32.6

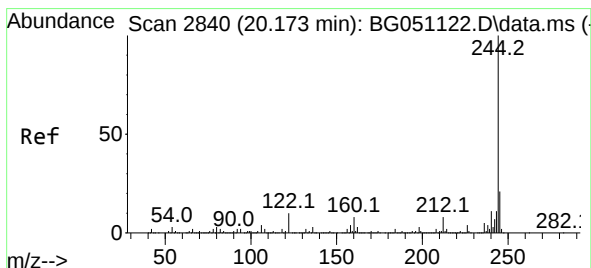
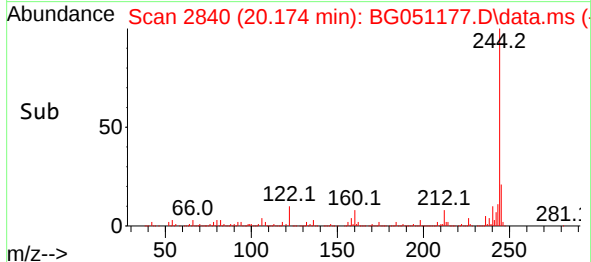
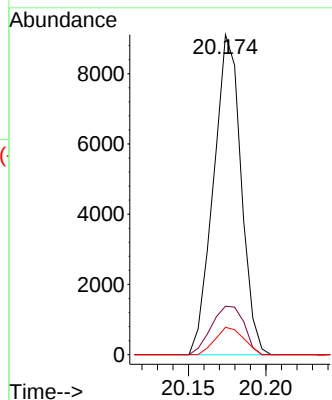
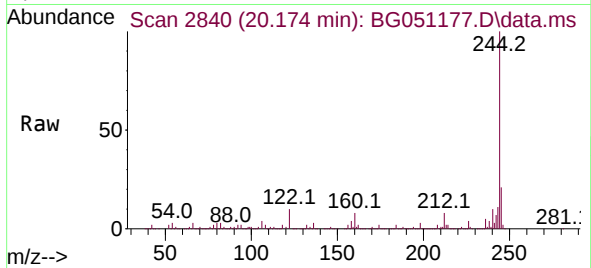




#77
Benzidine
Concen: 3.844 ng
RT: 20.174 min Scan# 2840
Delta R.T. 0.371 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

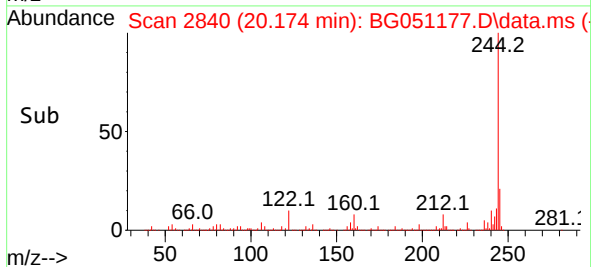
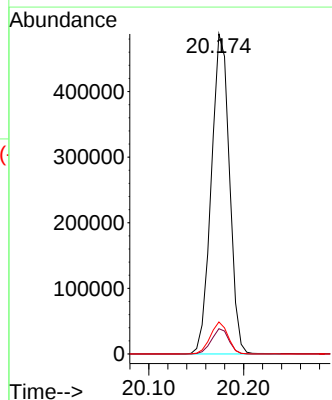
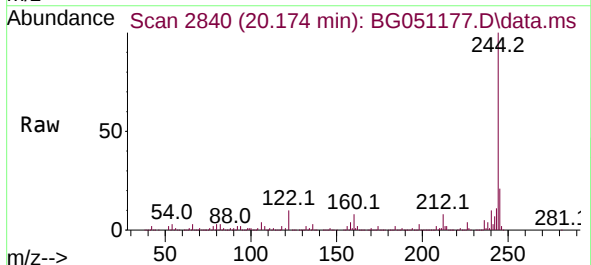
Instrument :
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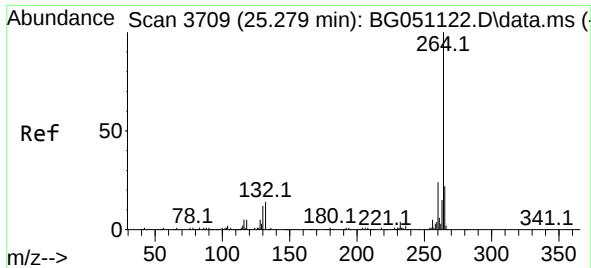
Tgt Ion:184 Resp: 11250
Ion Ratio Lower Upper
184 100
185 15.2 10.7 16.1
183 8.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 66.393 ng
RT: 20.174 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Tgt Ion:244 Resp: 647251
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 10.0 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.286 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG051177.D
Acq: 22 Nov 2021 19:36

Instrument :
BNA_G
ClientSampleId :
VNJ-223

Tgt Ion:264 Resp: 177161
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.7 16.9 25.3

