

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
 Data File : BG050578.D
 Acq On : 13 Oct 2021 20:15
 Operator : CG/JU
 Sample : M4041-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N-2

Quant Time: Oct 14 03:15:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	42926	20.00	ng	# 0.00
21) Naphthalene-d8	11.079	136	175904	20.00	ng	#-0.01
39) Acenaphthene-d10	14.875	164	115166	20.00	ng	0.00
64) Phenanthrene-d10	17.619	188	265206	20.00	ng	# 0.00
76) Chrysene-d12	21.914	240	239505	20.00	ng	# 0.00
86) Perylene-d12	25.327	264	232453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	298242	103.91	ng	0.00
7) Phenol-d6	7.401	99	401348	96.58	ng	0.00
23) Nitrobenzene-d5	9.428	82	284881	67.04	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	112758	102.65	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	514377	67.22	ng	0.00
79) Terphenyl-d14	20.204	244	813072	66.16	ng	0.00

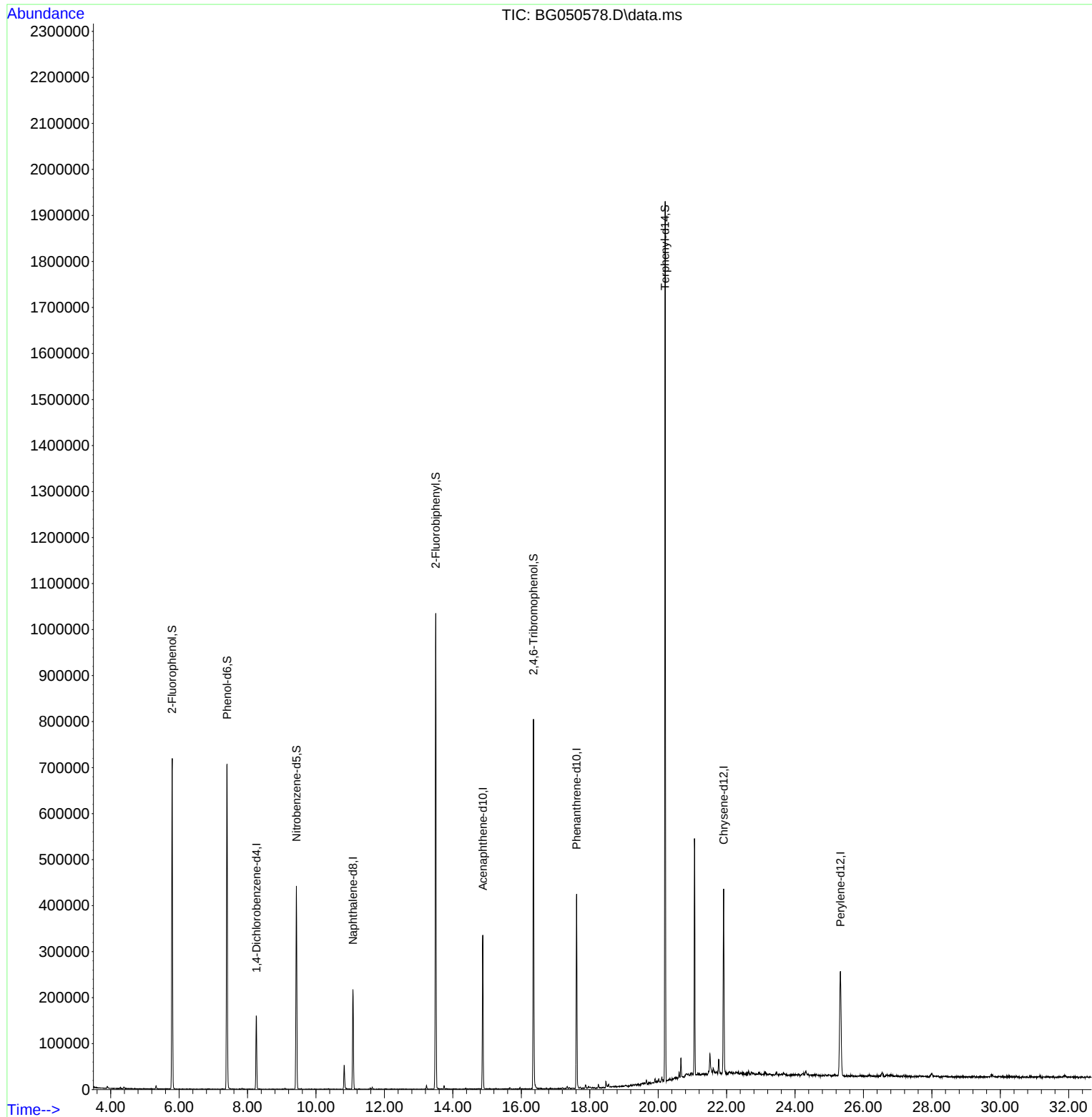
Target Compounds	Qvalue

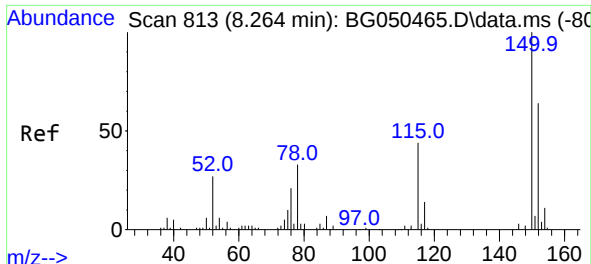
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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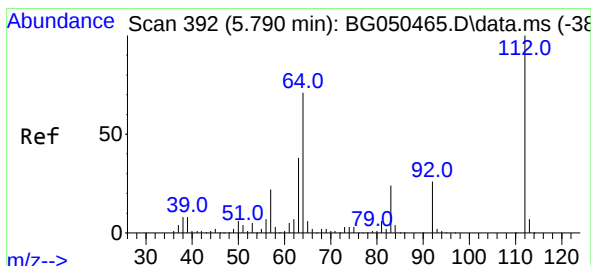
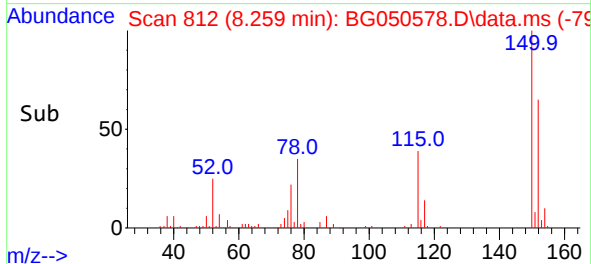
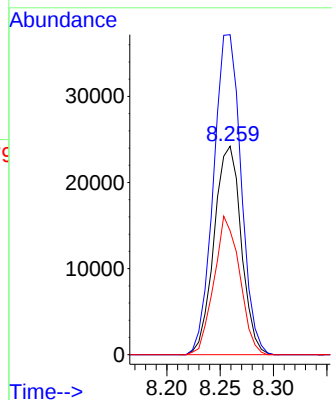
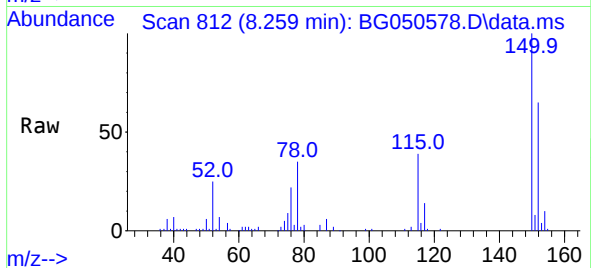




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

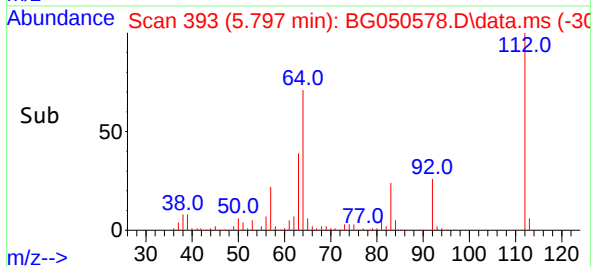
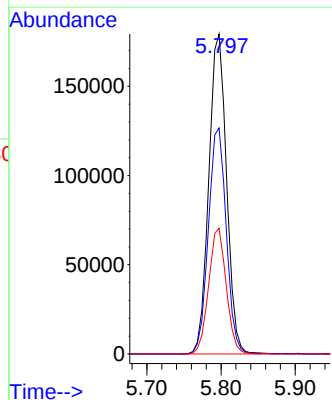
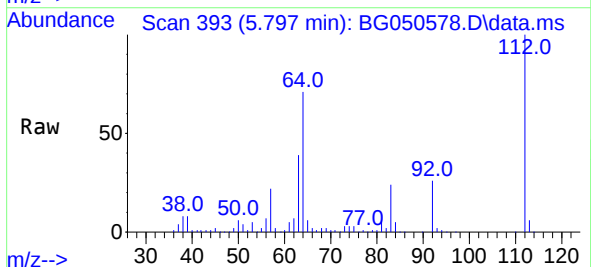
Instrument :
BNA_G
ClientSampleId :
N-2

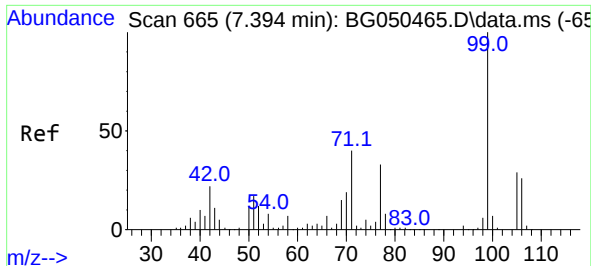
Tgt Ion:152 Resp: 42926
Ion Ratio Lower Upper
152 100
150 153.4 119.4 179.0
115 59.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 103.91 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

Tgt Ion:112 Resp: 298242
Ion Ratio Lower Upper
112 100
64 70.7 46.7 70.1#
63 39.3 35.3 52.9

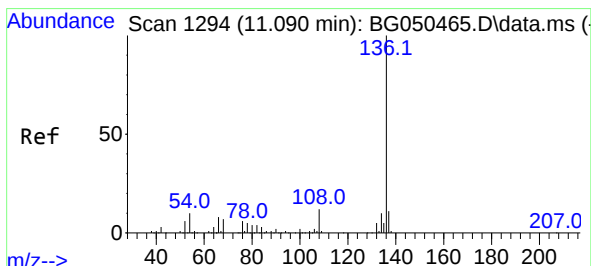
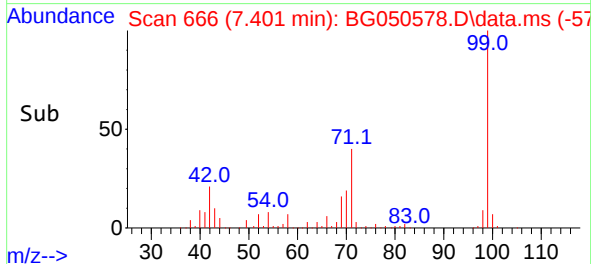
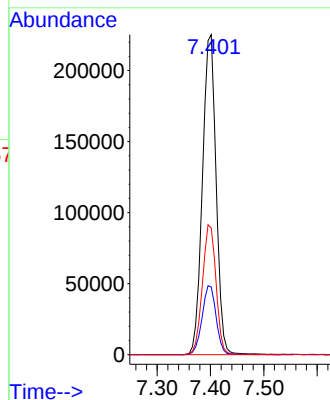
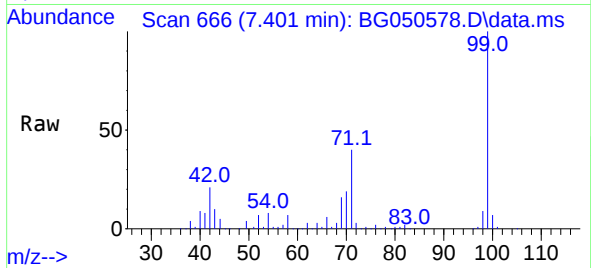




#7
Phenol-d6
Concen: 96.58 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

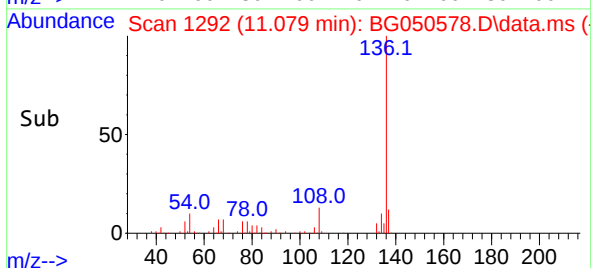
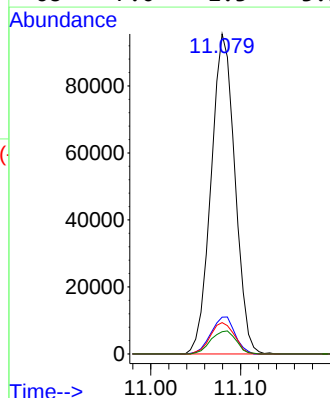
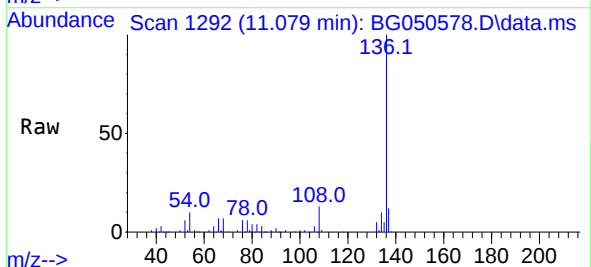
Instrument :
BNA_G
ClientSampled :
N-2

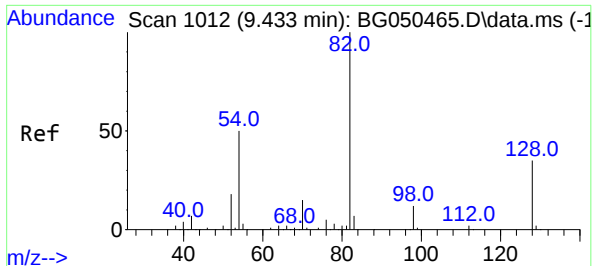
Tgt Ion: 99 Resp: 401348
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 39.6 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.010 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

Tgt Ion: 136 Resp: 175904
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 9.8 5.5 8.3#
68 7.0 2.3 3.5#



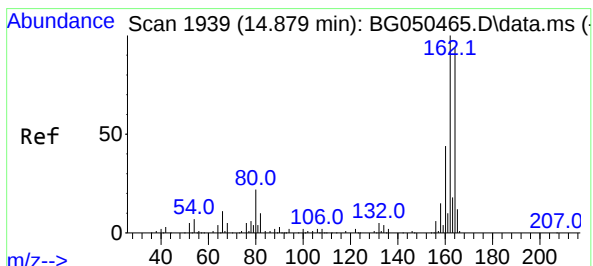
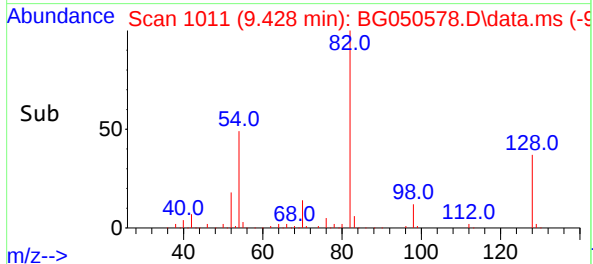
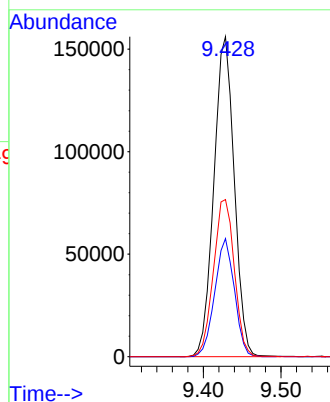
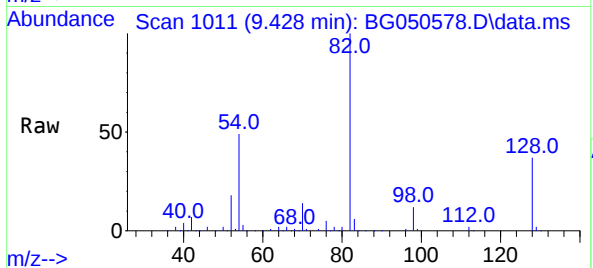


#23
Nitrobenzene-d5
Concen: 67.04 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

Instrument :
BNA_G
ClientSampleId :
N-2

Tgt Ion: 82 Resp: 284881

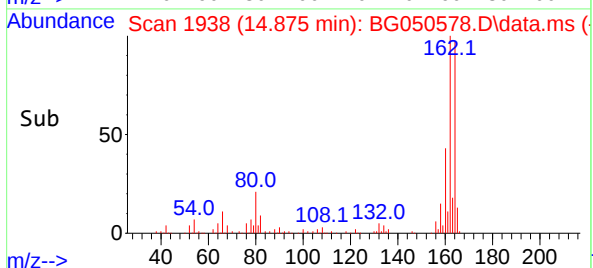
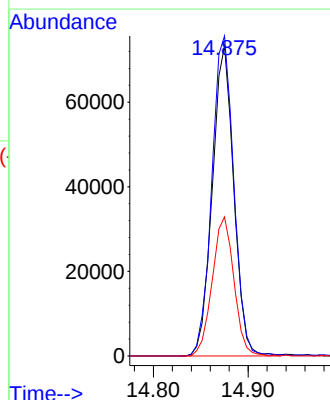
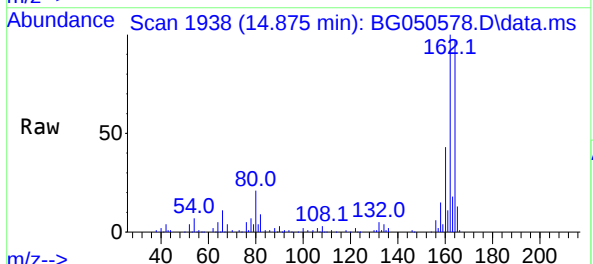
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.8	44.6
54	49.1	45.8	68.8

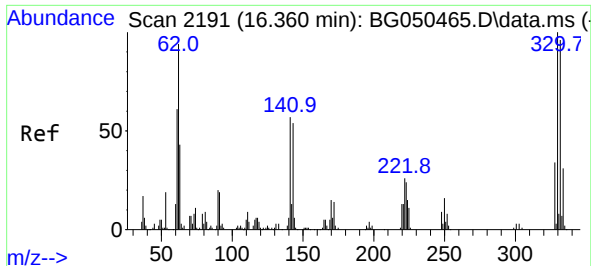


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

Tgt Ion: 164 Resp: 115166

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.0
160	44.8	34.9	52.3

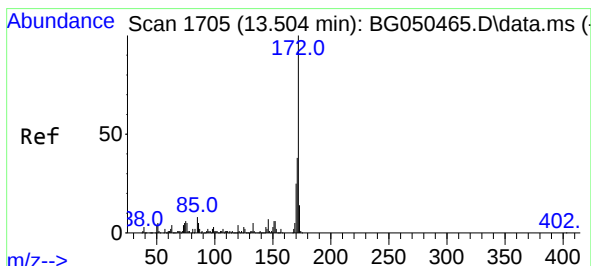
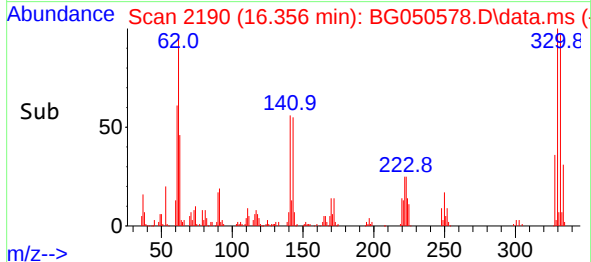
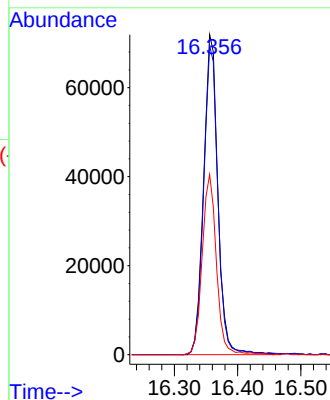
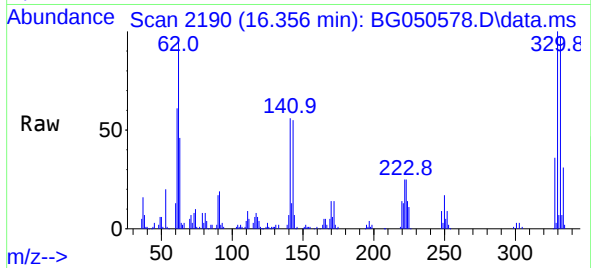




#42
2,4,6-Tribromophenol
Concen: 102.65 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

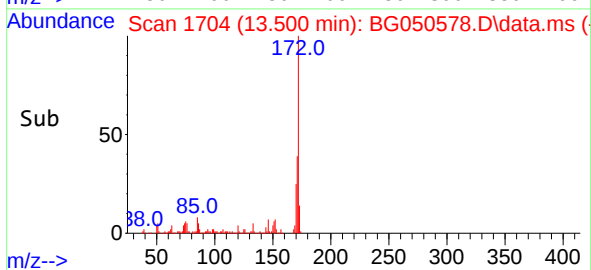
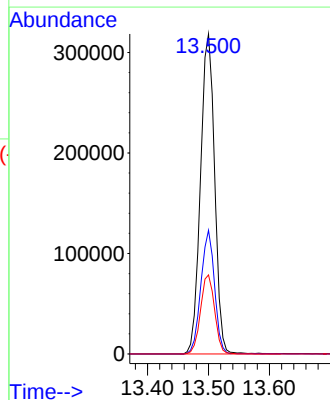
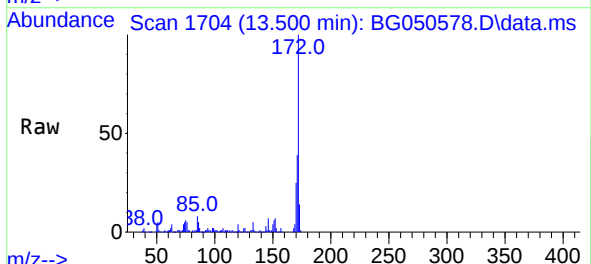
Instrument :
BNA_G
ClientSampleId :
N-2

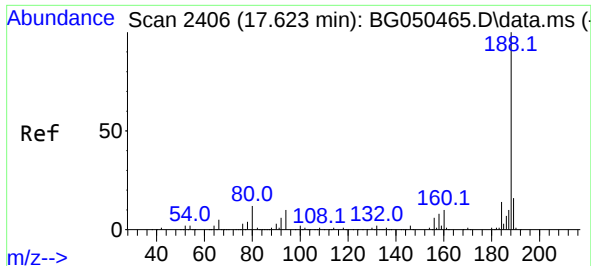
Tgt Ion:330 Resp: 112758
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 56.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 67.22 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

Tgt Ion:172 Resp: 514377
Ion Ratio Lower Upper
172 100
171 38.6 28.6 43.0
170 24.7 18.6 27.8

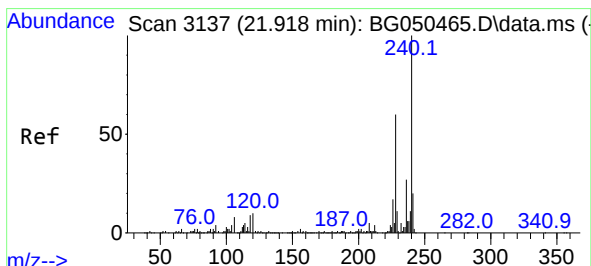
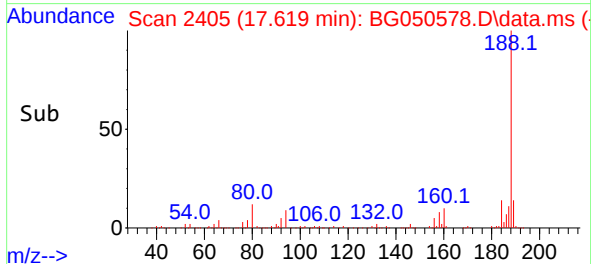
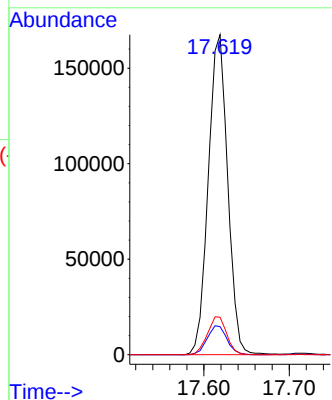
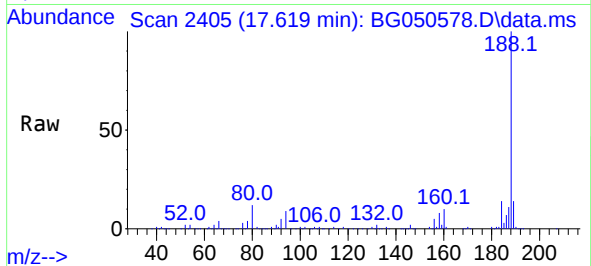




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

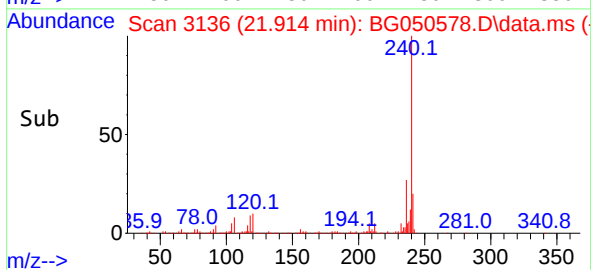
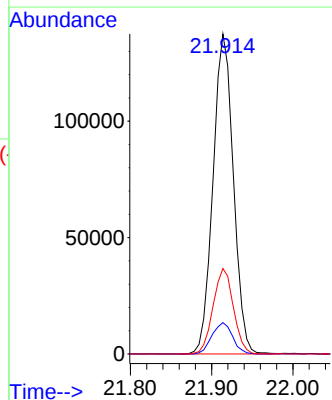
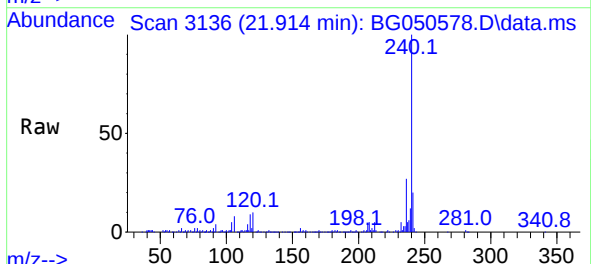
Instrument :
BNA_G
ClientSampleId :
N-2

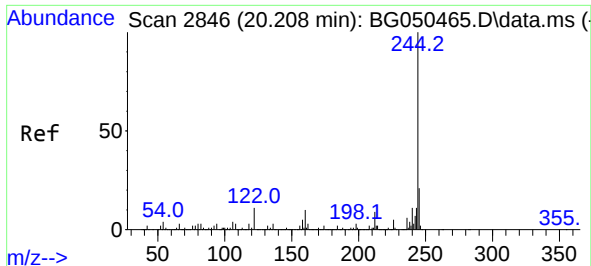
Tgt Ion:188 Resp: 265206
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 11.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG050578.D
Acq: 13 Oct 2021 20:15

Tgt Ion:240 Resp: 239505
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 26.7 21.8 32.6

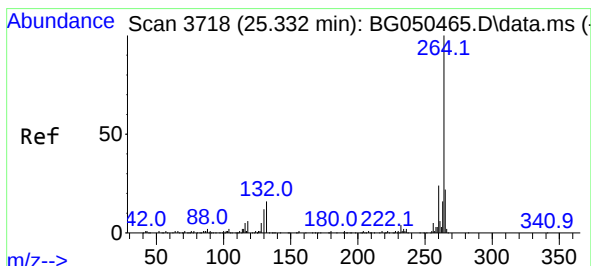
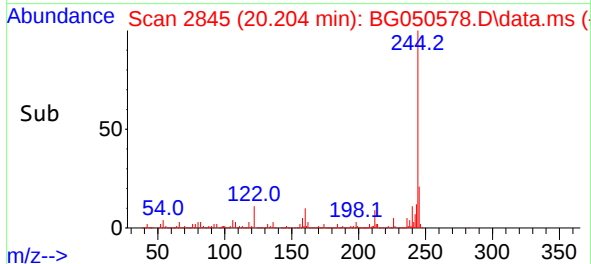
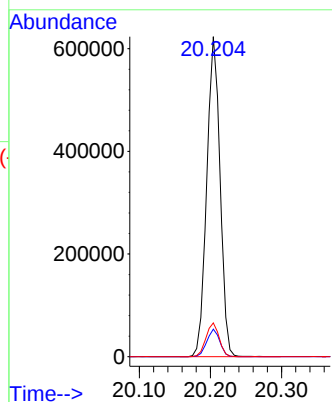
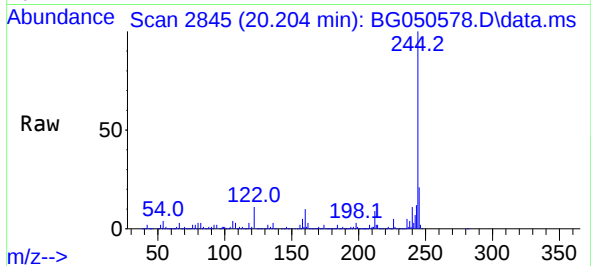




#79
 Terphenyl-d14
 Concen: 66.16 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.004 min
 Lab File: BG050578.D
 Acq: 13 Oct 2021 20:15

Instrument :
 BNA_G
 ClientSampleId :
 N-2

Tgt Ion:244 Resp: 813072
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 10.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.004 min
 Lab File: BG050578.D
 Acq: 13 Oct 2021 20:15

Tgt Ion:264 Resp: 232453
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 21.9 16.9 25.3

