

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050559.D
 Acq On : 12 Oct 2021 19:11
 Operator : CG/JU
 Sample : M4117-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(9.5-10.0)

Quant Time: Oct 13 04:43:20 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	49740	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	230275	20.00	ng	# 0.00
39) Acenaphthene-d10	14.875	164	156557	20.00	ng	0.00
64) Phenanthrene-d10	17.619	188	322259	20.00	ng	# 0.00
76) Chrysene-d12	21.920	240	276973	20.00	ng	# 0.00
86) Perylene-d12	25.333	264	270979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	294737	88.62	ng	0.00
7) Phenol-d6	7.401	99	436656	90.68	ng	0.00
23) Nitrobenzene-d5	9.428	82	301869	54.27	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	108926	72.94	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	546696	52.56	ng	0.00
79) Terphenyl-d14	20.204	244	766405	53.93	ng	0.00

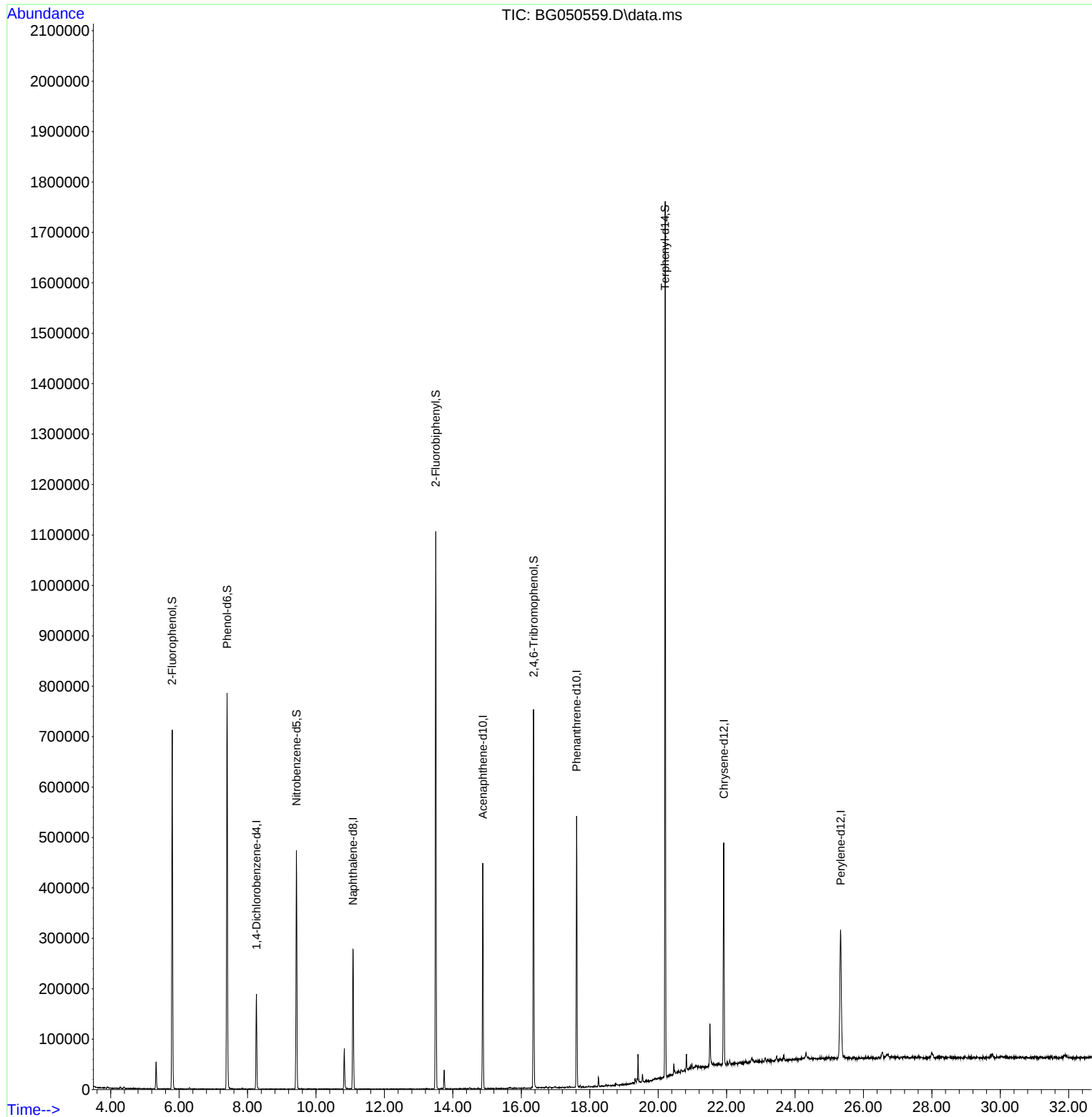
Target Compounds	Qvalue

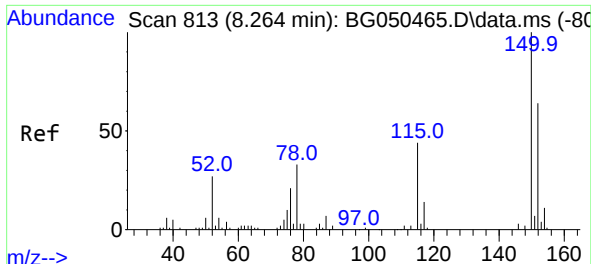
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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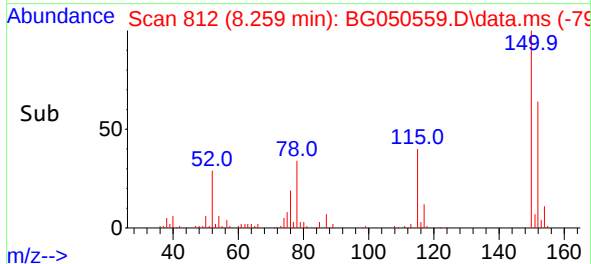
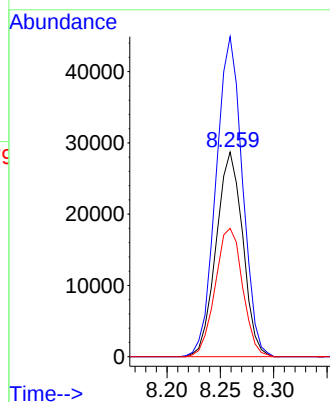
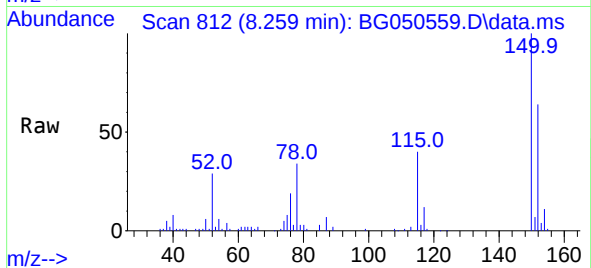




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

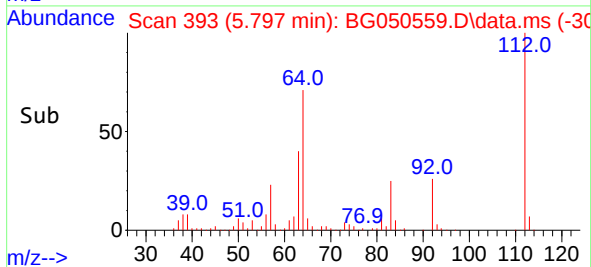
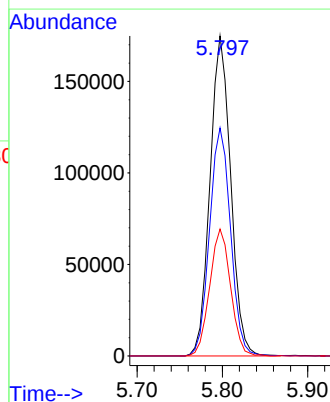
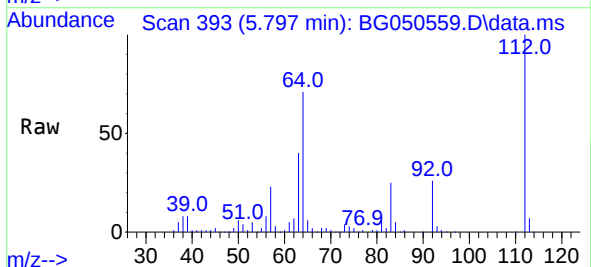
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

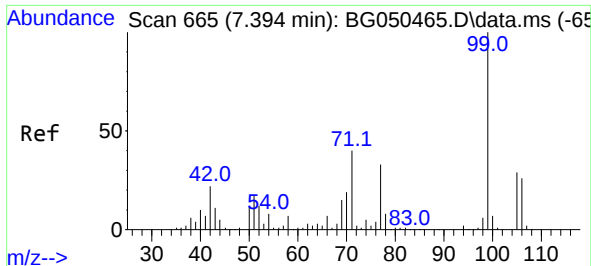
Tgt Ion:152 Resp: 49740
Ion Ratio Lower Upper
152 100
150 156.3 119.4 179.0
115 62.7 60.2 90.4



#5
2-Fluorophenol
Concen: 88.62 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion:112 Resp: 294737
Ion Ratio Lower Upper
112 100
64 71.3 46.7 70.1#
63 39.7 35.3 52.9

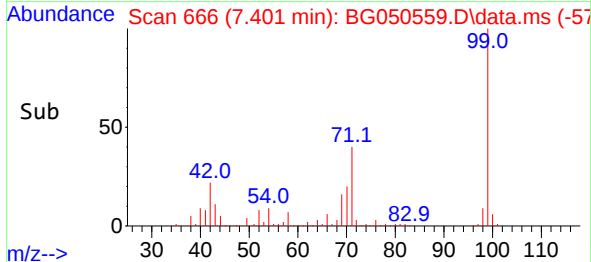
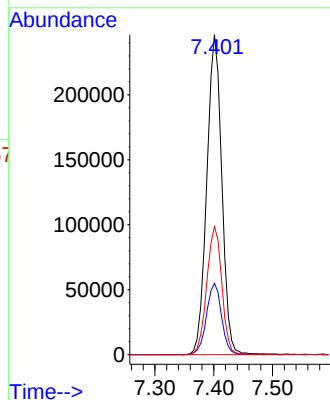
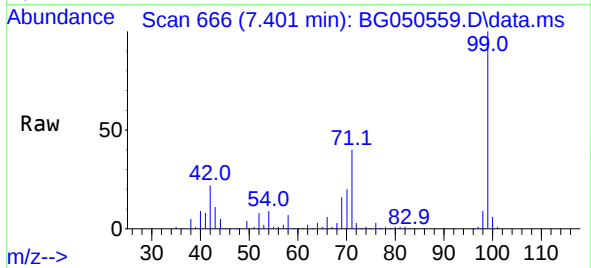




#7
Phenol-d6
Concen: 90.68 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

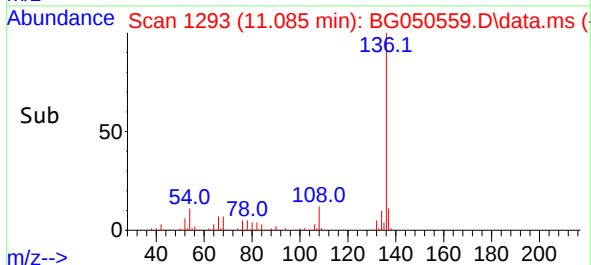
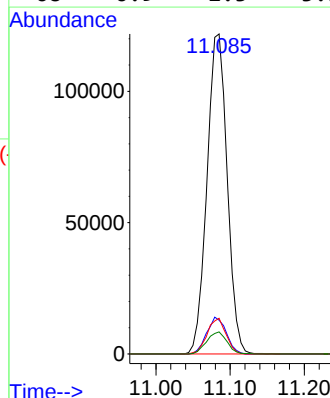
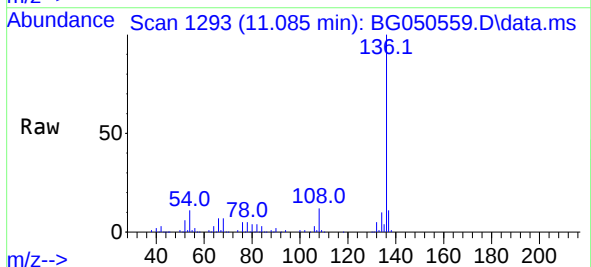
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

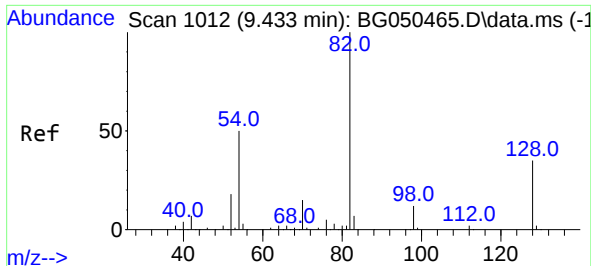
Tgt Ion: 99 Resp: 436656
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion: 136 Resp: 230275
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 11.1 5.5 8.3#
68 6.9 2.3 3.5#

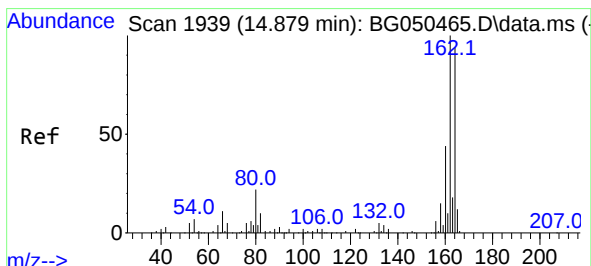
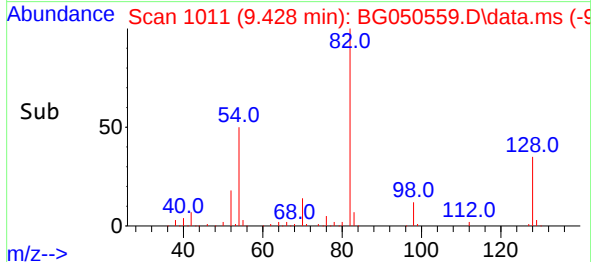
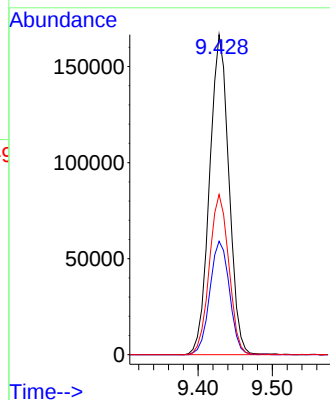
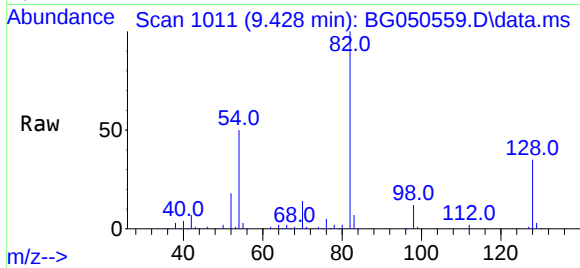




#23
Nitrobenzene-d5
Concen: 54.27 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

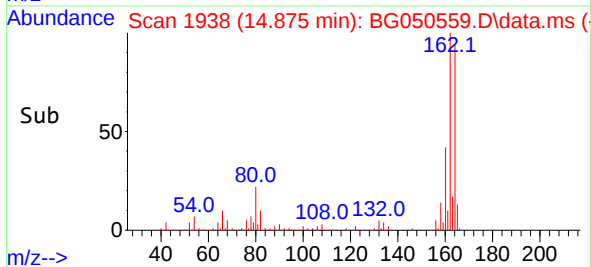
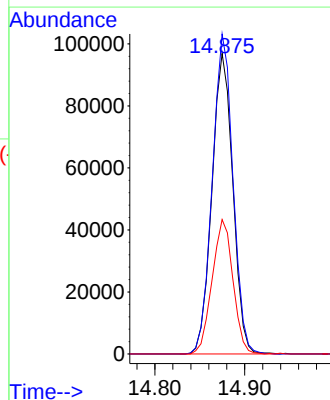
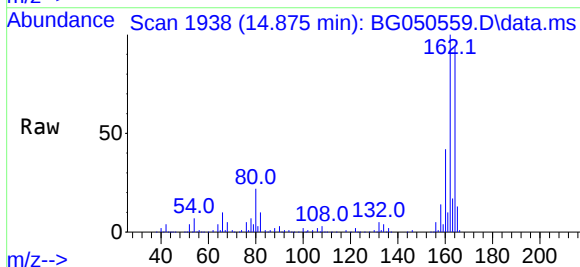
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

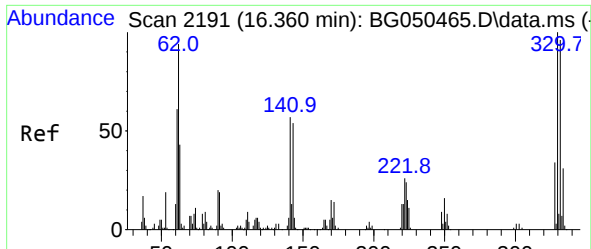
Tgt Ion: 82 Resp: 301869
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 50.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

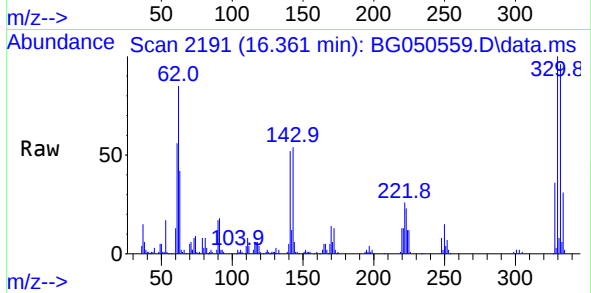
Tgt Ion:164 Resp: 156557
Ion Ratio Lower Upper
164 100
162 106.5 81.4 122.0
160 44.7 34.9 52.3



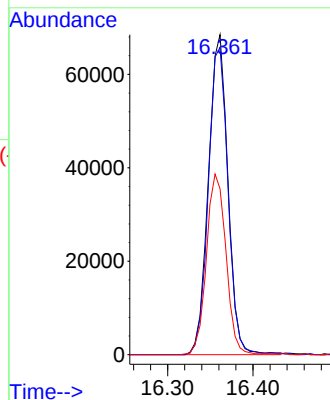
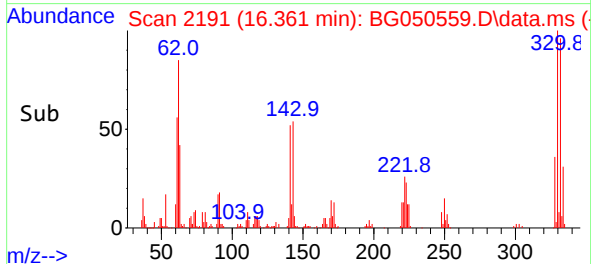


#42
2,4,6-Tribromophenol
Concen: 72.94 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

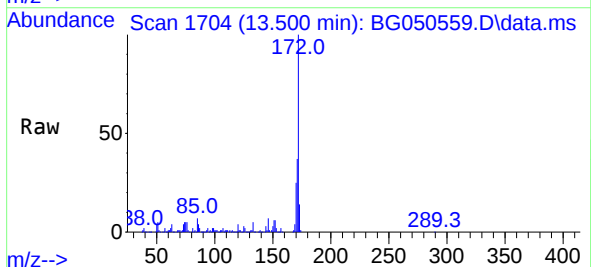
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)



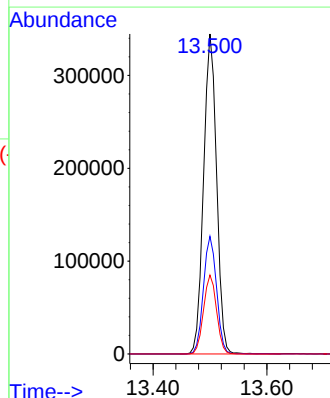
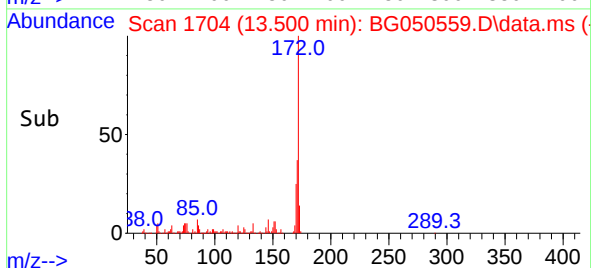
Tgt Ion:330 Resp: 108926
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 56.8 35.6 53.4#

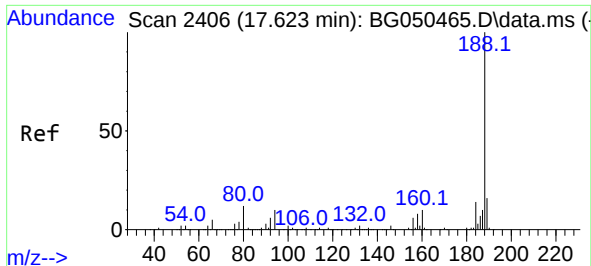


#45
2-Fluorobiphenyl
Concen: 52.56 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11



Tgt Ion:172 Resp: 546696
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.6 18.6 27.8

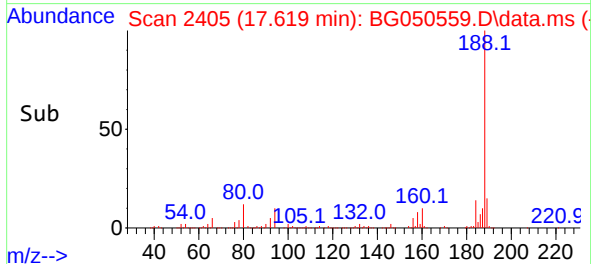
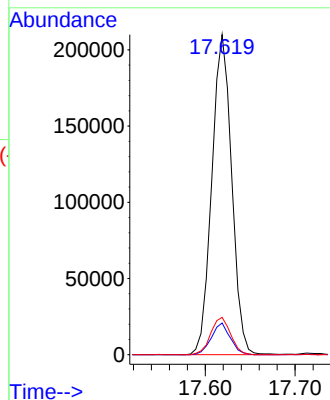
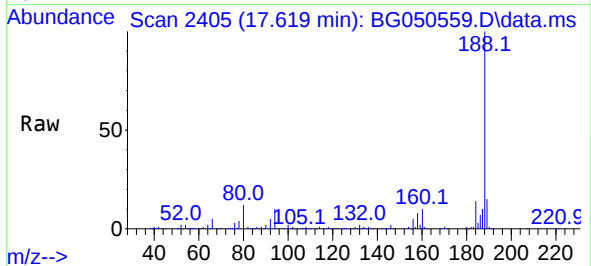




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

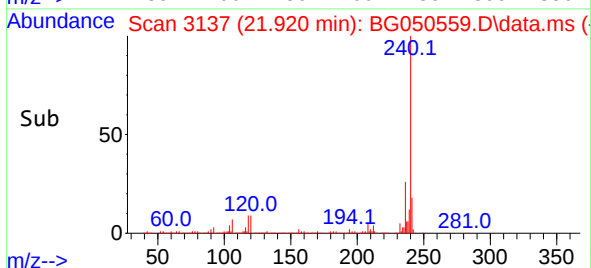
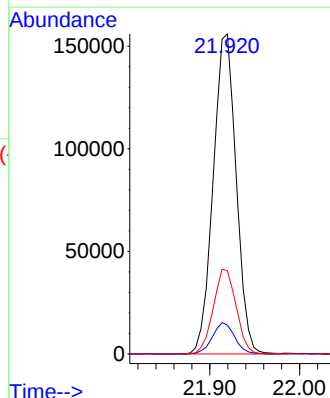
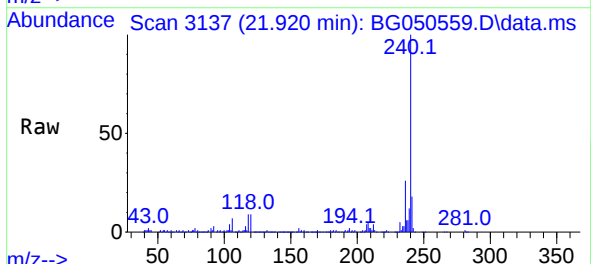
Instrument :
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ClientSampleId :
SB-1(9.5-10.0)

Tgt Ion:188 Resp: 322259
Ion Ratio Lower Upper
188 100
94 9.9 5.4 8.0#
80 11.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion:240 Resp: 276973
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 26.0 21.8 32.6

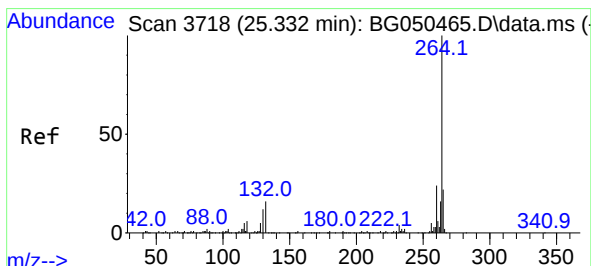
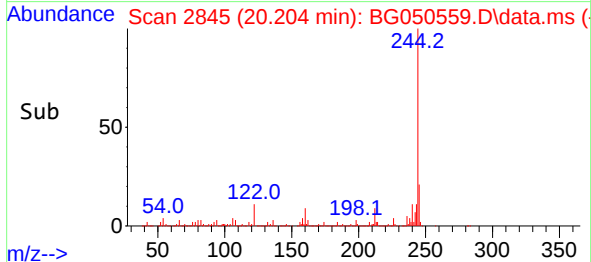
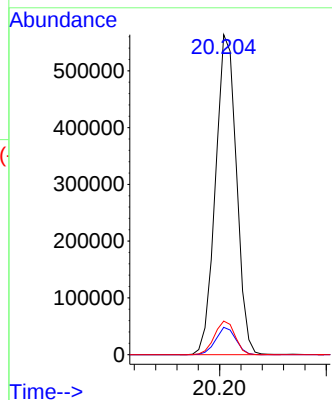
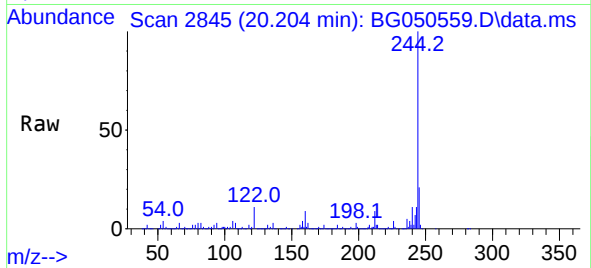




#79
 Terphenyl-d14
 Concen: 53.93 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.004 min
 Lab File: BG050559.D
 Acq: 12 Oct 2021 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(9.5-10.0)

Tgt Ion:244 Resp: 766405
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 10.5 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050559.D
 Acq: 12 Oct 2021 19:11

Tgt Ion:264 Resp: 270979
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.3 16.9 25.3

