

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
 Data File : BG050470.D
 Acq On : 6 Oct 2021 16:24
 Operator : CG/JU
 Sample : PB139663BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139663BL

Quant Time: Oct 06 17:35:08 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	46808	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	186916	20.00	ng	# 0.00
39) Acenaphthene-d10	14.875	164	122951	20.00	ng	0.00
64) Phenanthrene-d10	17.619	188	286260	20.00	ng	# 0.00
76) Chrysene-d12	21.920	240	286441	20.00	ng	# 0.00
86) Perylene-d12	25.327	264	280486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	420261	134.28	ng	0.00
7) Phenol-d6	7.395	99	554963	122.47	ng	0.00
23) Nitrobenzene-d5	9.428	82	397961	88.14	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	162005	138.14	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	722183	88.40	ng	0.00
79) Terphenyl-d14	20.210	244	1231986	83.82	ng	0.00

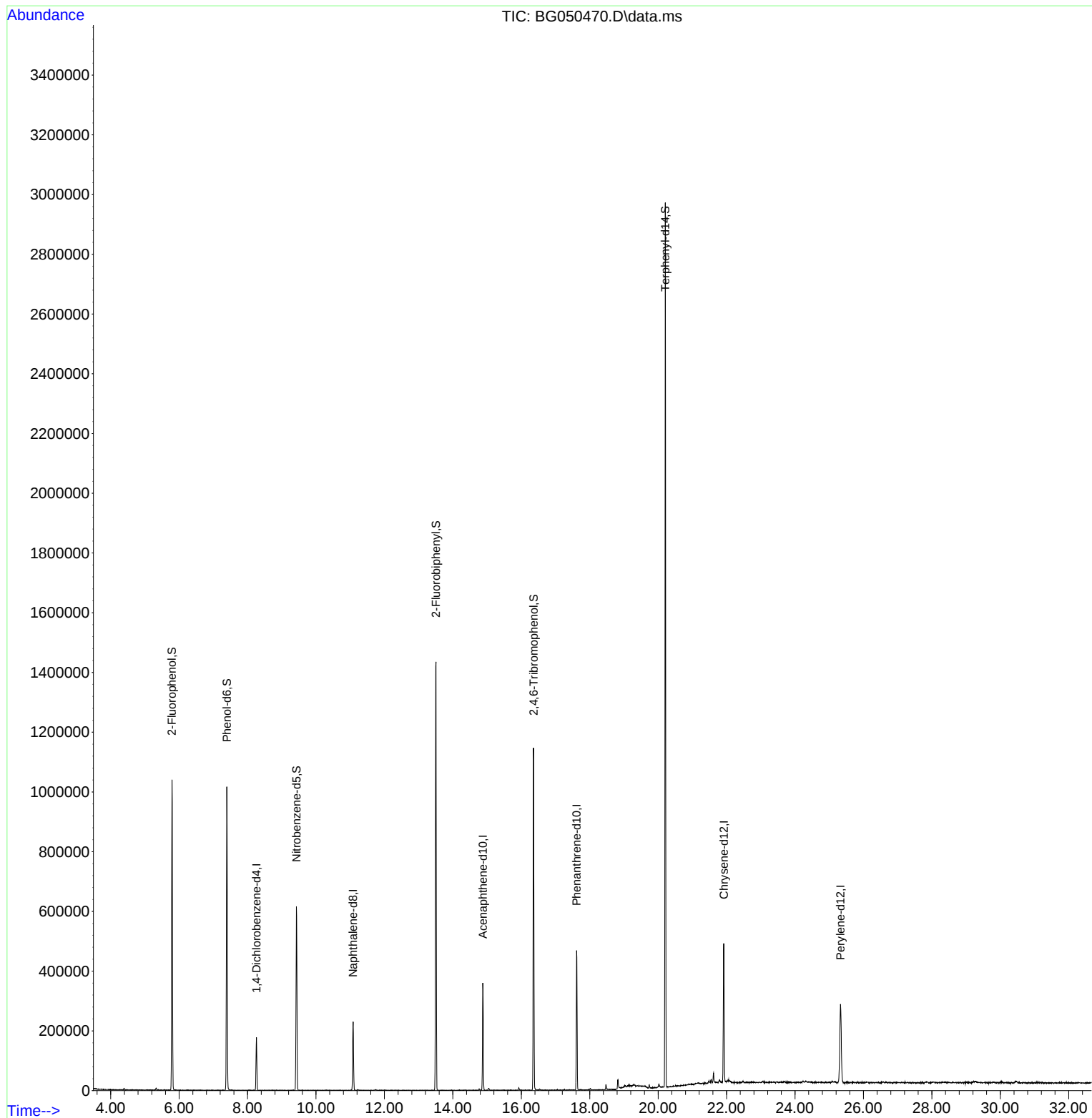
Target Compounds	Qvalue

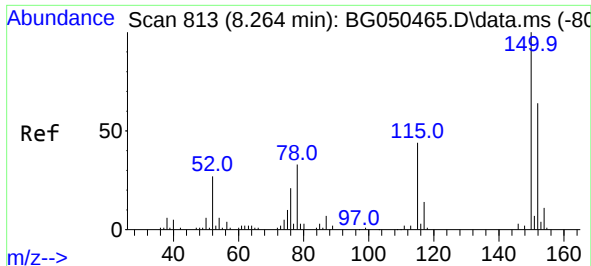
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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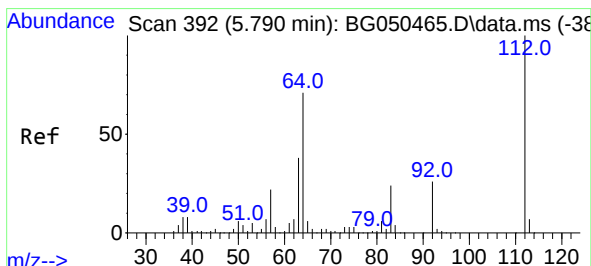
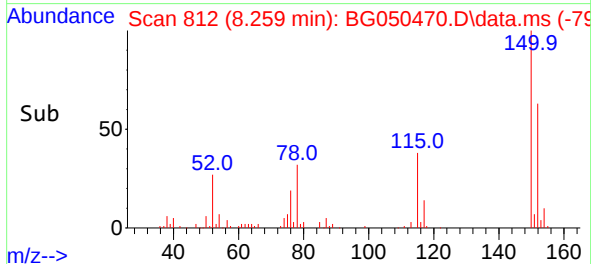
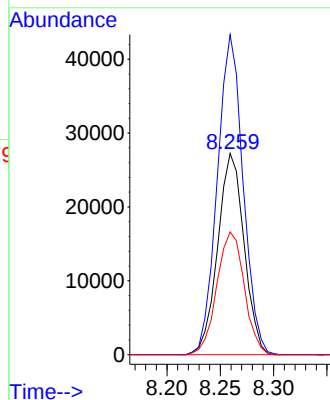
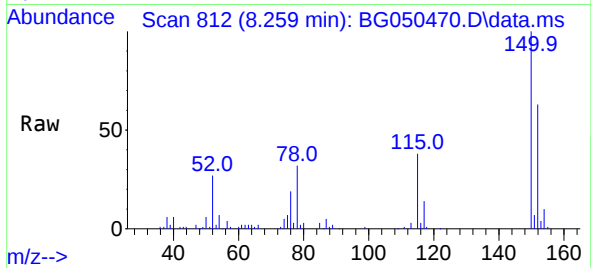




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

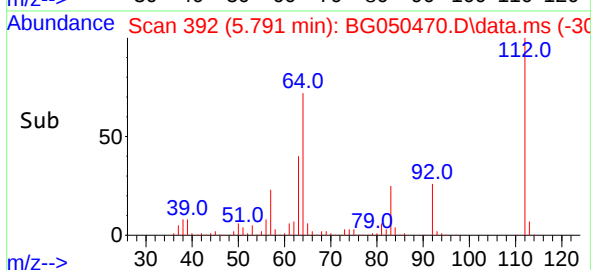
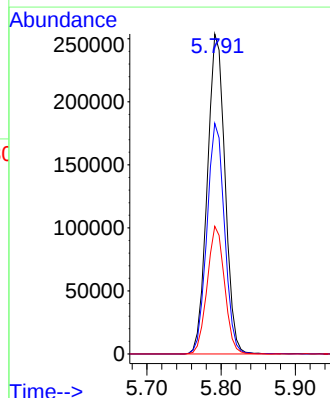
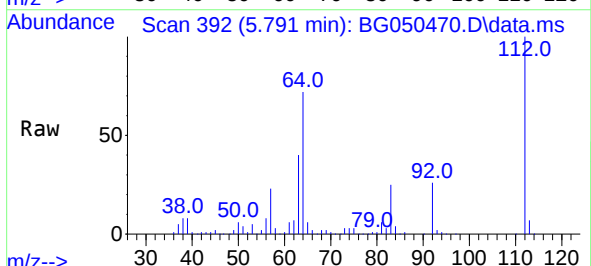
Instrument :
BNA_G
ClientSampleId :
PB139663BL

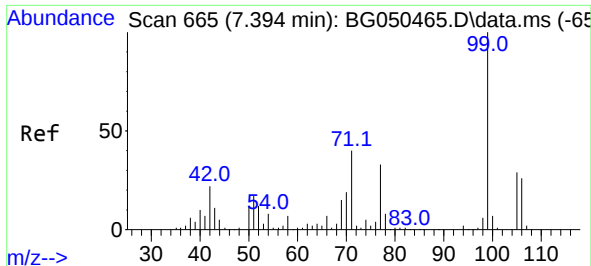
Tgt Ion:152 Resp: 46808
Ion Ratio Lower Upper
152 100
150 159.0 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 134.28 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:112 Resp: 420261
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 39.9 35.3 52.9

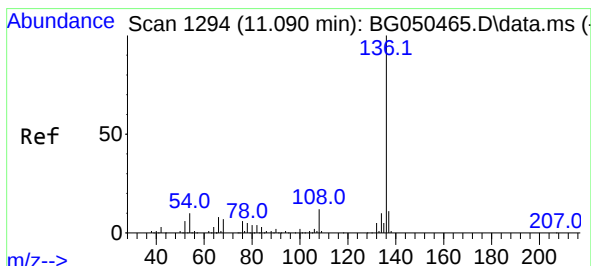
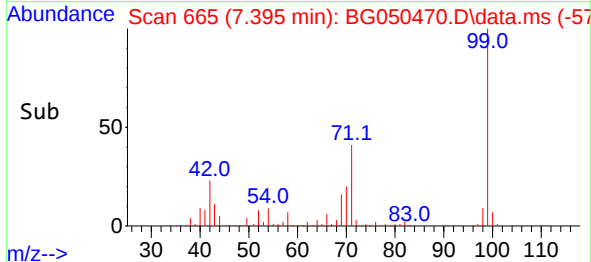
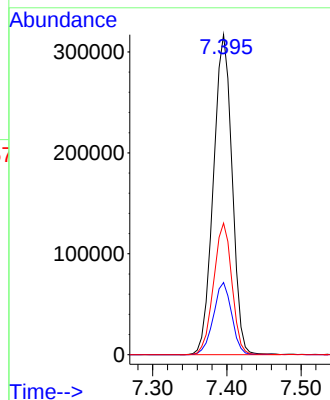
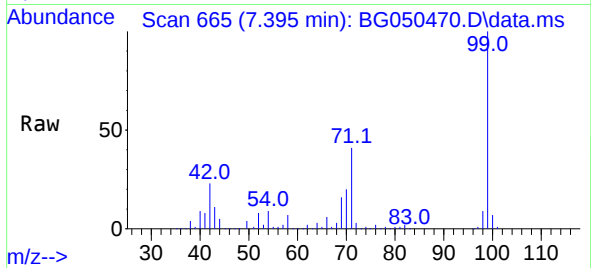




#7
Phenol-d6
Concen: 122.47 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

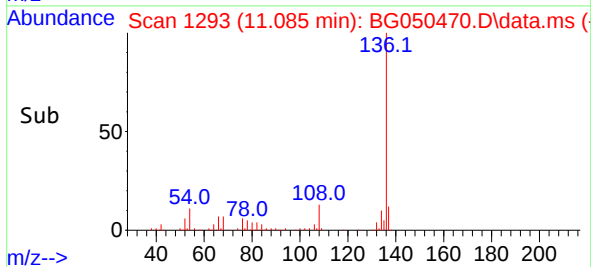
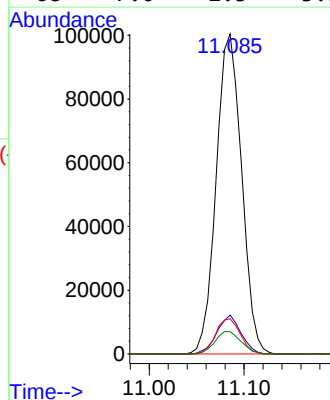
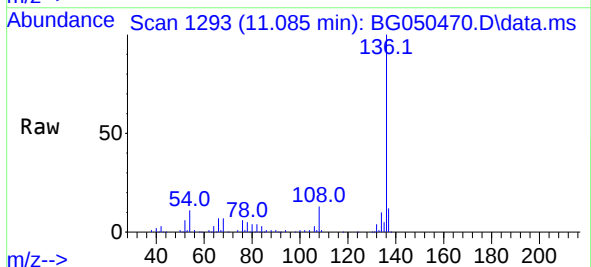
Instrument :
BNA_G
ClientSampleId :
PB139663BL

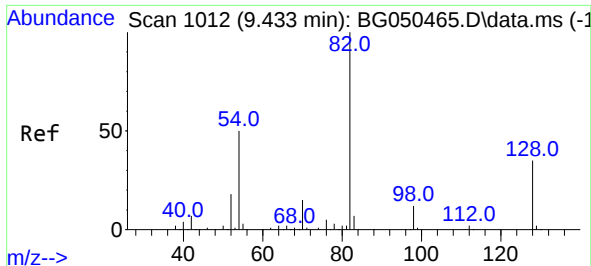
Tgt Ion: 99 Resp: 554963
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 41.1 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:136 Resp: 186916
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 11.0 5.5 8.3#
68 7.0 2.3 3.5#

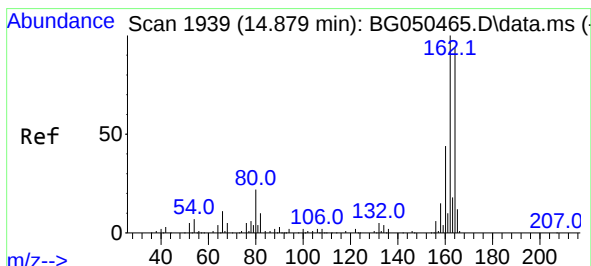
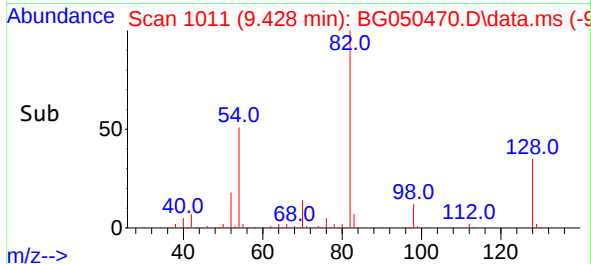
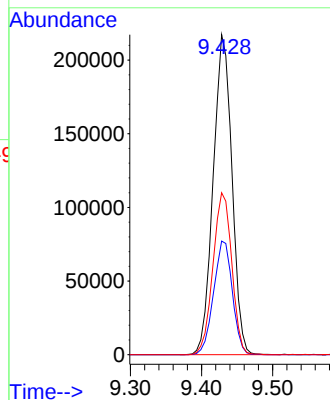
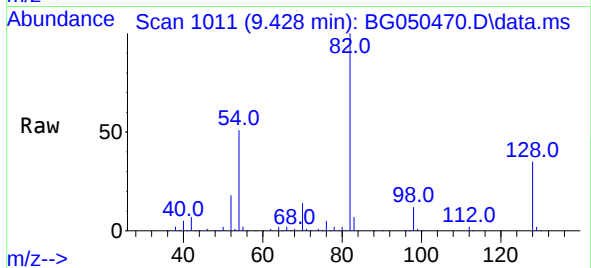




#23
Nitrobenzene-d5
Concen: 88.14 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

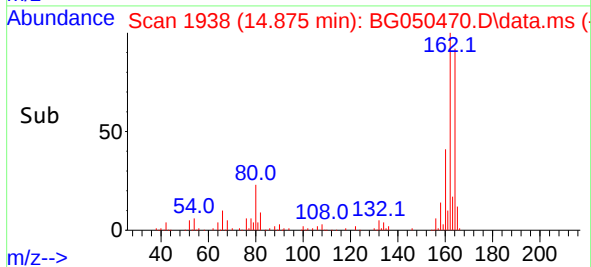
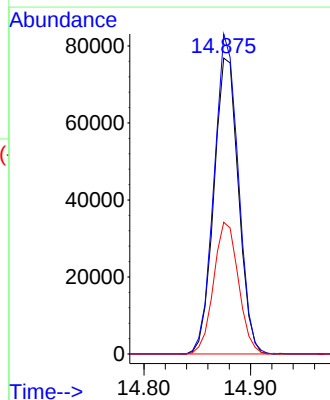
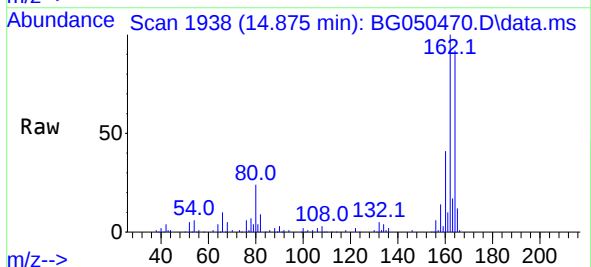
Instrument :
BNA_G
ClientSampleId :
PB139663BL

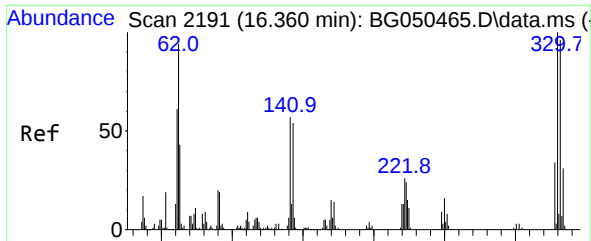
Tgt Ion: 82 Resp: 397961
Ion Ratio Lower Upper
82 100
128 35.5 29.8 44.6
54 50.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

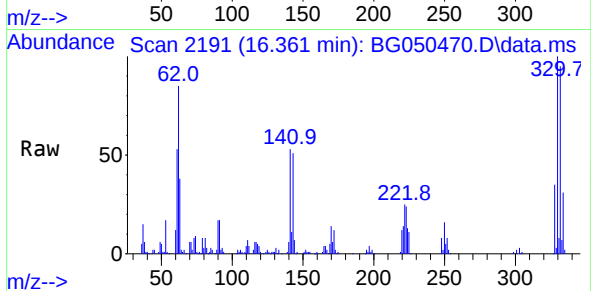
Tgt Ion:164 Resp: 122951
Ion Ratio Lower Upper
164 100
162 108.2 81.4 122.0
160 44.5 34.9 52.3



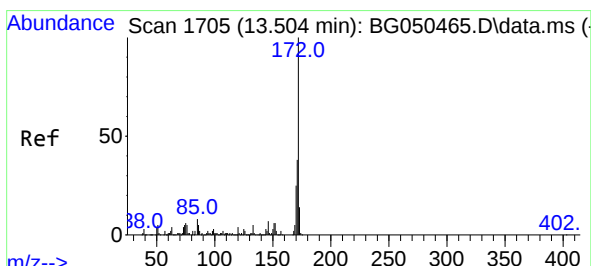
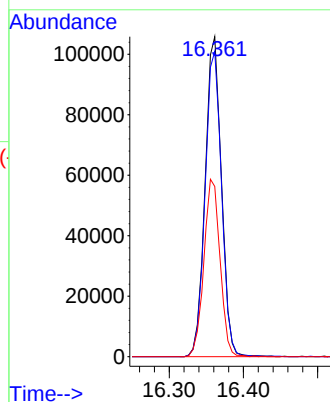
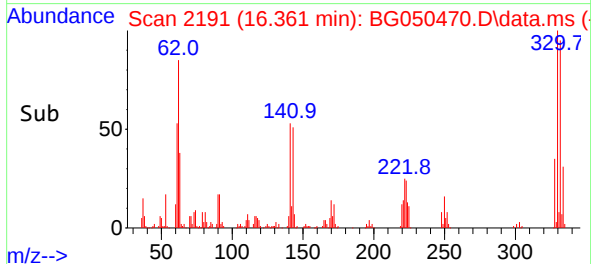


#42
2,4,6-Tribromophenol
Concen: 138.14 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

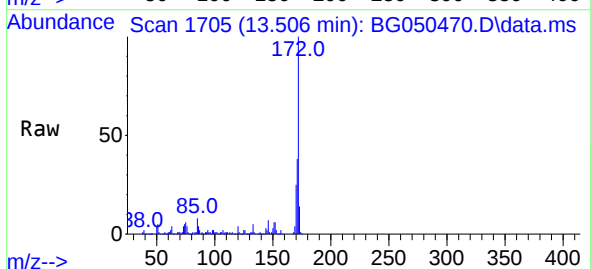
Instrument :
BNA_G
ClientSampleId :
PB139663BL



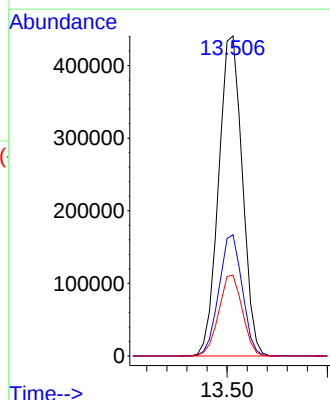
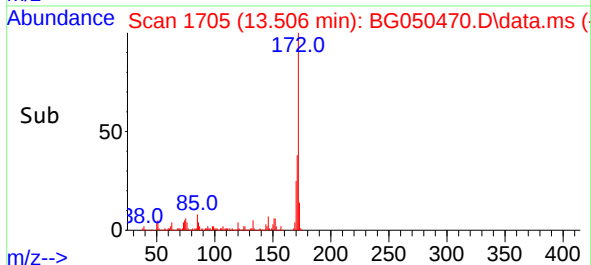
Tgt Ion:330 Resp: 162005
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 54.9 35.6 53.4#

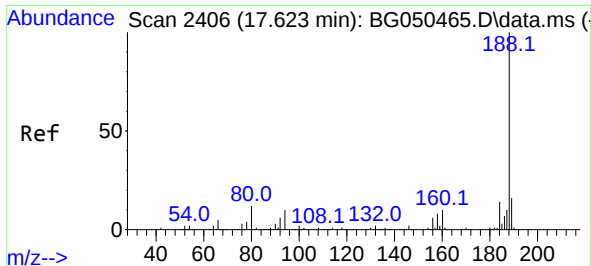


#45
2-Fluorobiphenyl
Concen: 88.40 ng
RT: 13.506 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24



Tgt Ion:172 Resp: 722183
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.2 18.6 27.8

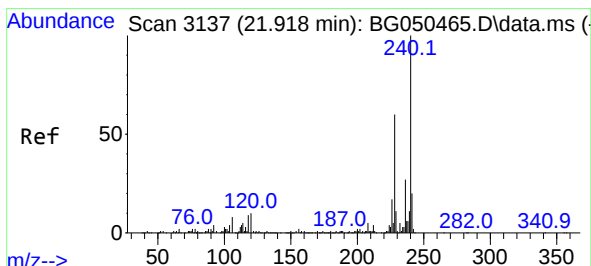
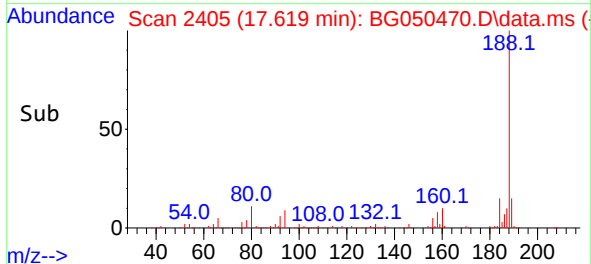
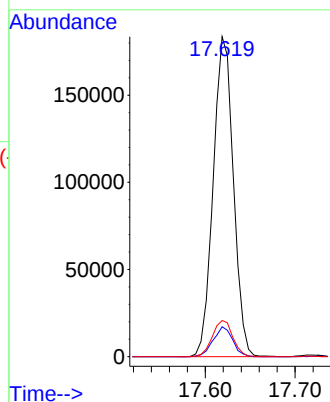
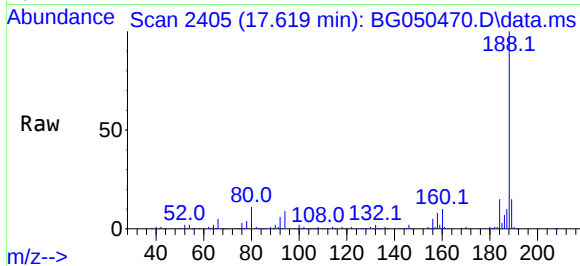




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

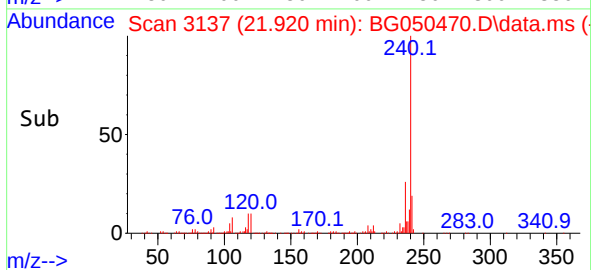
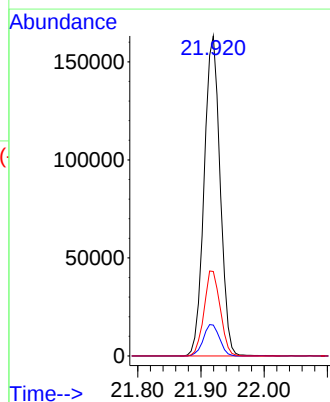
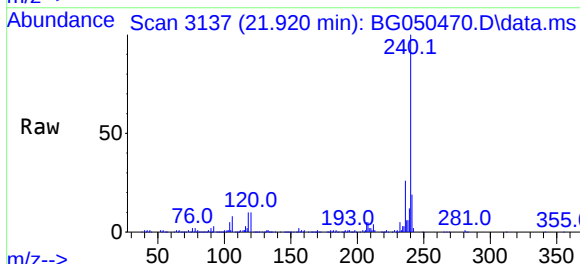
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ClientSampleId :
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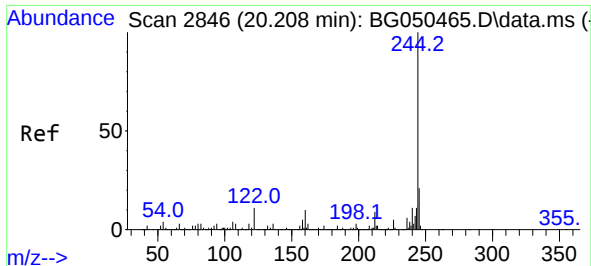
Tgt Ion:188 Resp: 286260
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.3 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:240 Resp: 286441
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 26.4 21.8 32.6

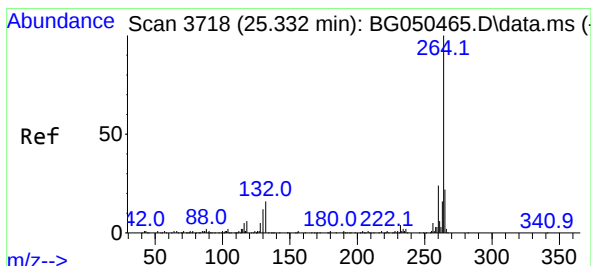
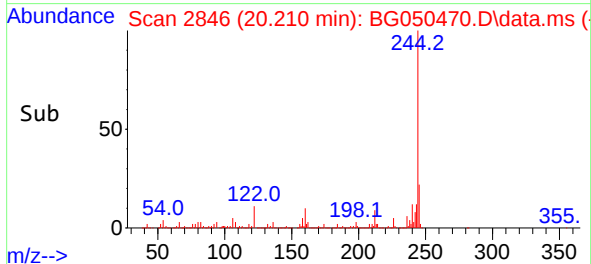
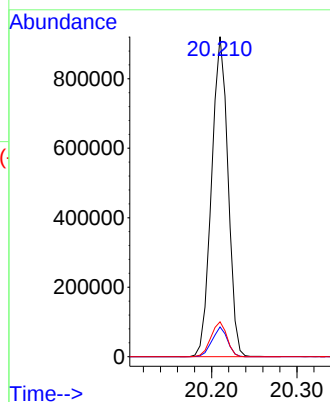
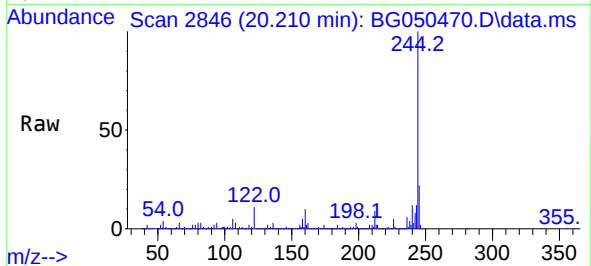




#79
 Terphenyl-d14
 Concen: 83.82 ng
 RT: 20.210 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050470.D
 Acq: 6 Oct 2021 16:24

Instrument :
 BNA_G
 ClientSampleId :
 PB139663BL

Tgt Ion:244 Resp: 1231986
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.9 10.3
 122 10.9 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: BG050470.D
 Acq: 6 Oct 2021 16:24

Tgt Ion:264 Resp: 280486
 Ion Ratio Lower Upper
 264 100
 260 26.4 19.4 29.2
 265 20.7 16.9 25.3

