

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050548.D
 Acq On : 12 Oct 2021 11:37
 Operator : CG/JU
 Sample : M4154-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-CB-31

Quant Time: Oct 12 12:54:44 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	8.258	152	38615	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	166042	20.00	ng	# 0.00
39) Acenaphthene-d10	14.880	164	114107	20.00	ng	0.00
64) Phenanthrene-d10	17.624	188	267067	20.00	ng	# 0.00
76) Chrysene-d12	21.919	240	257339	20.00	ng	# 0.00
86) Perylene-d12	25.338	264	258926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	220941	85.57	ng	0.00
7) Phenol-d6	7.401	99	201236	53.83	ng	0.00
23) Nitrobenzene-d5	9.428	82	330074	82.29	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	151719	139.40	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	597757	78.84	ng	0.00
79) Terphenyl-d14	20.209	244	1042676	78.96	ng	0.00

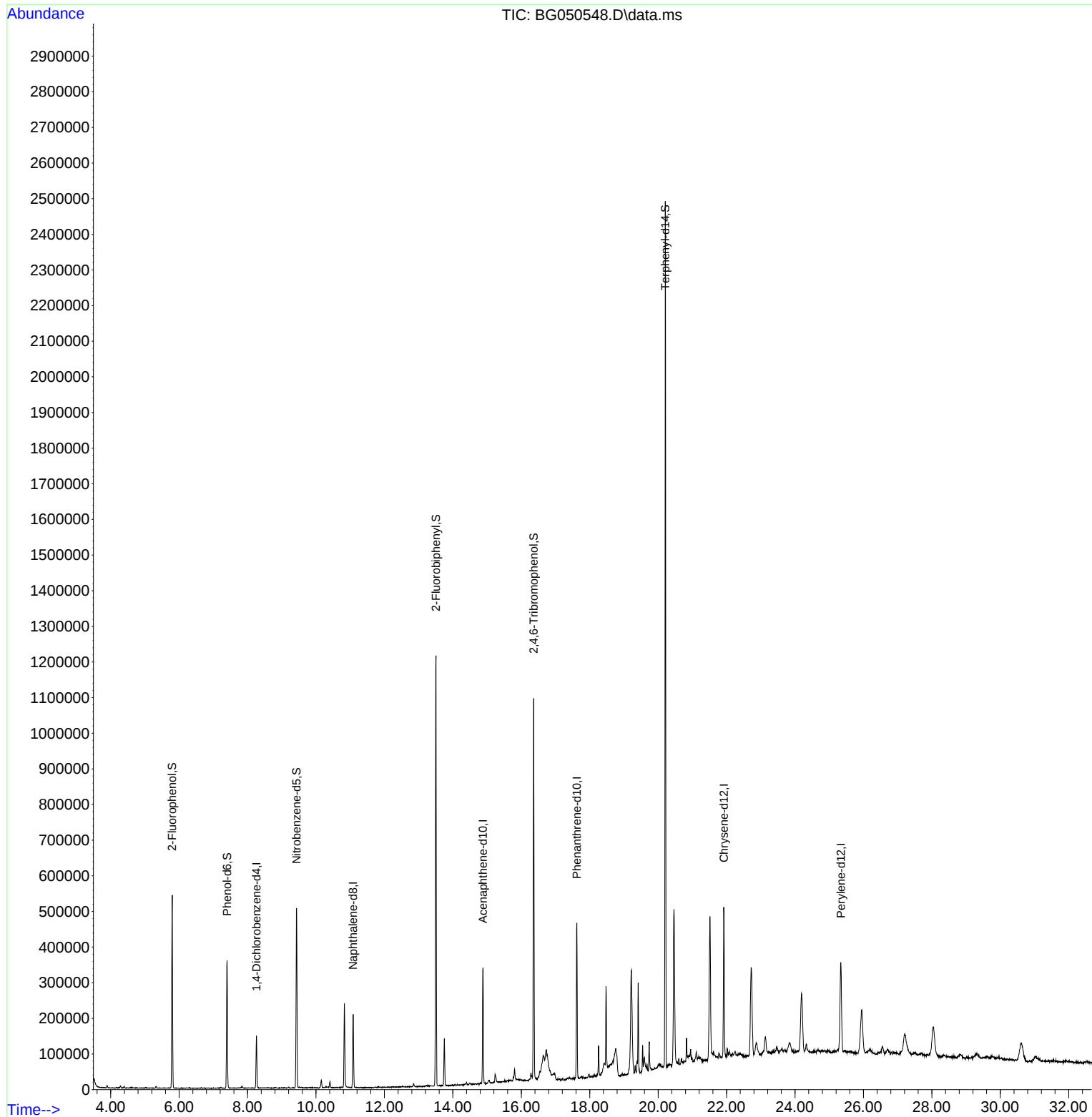
Target Compounds	Qvalue

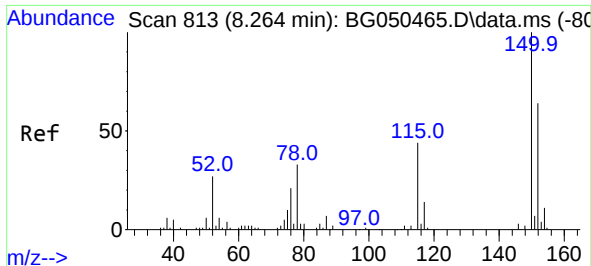
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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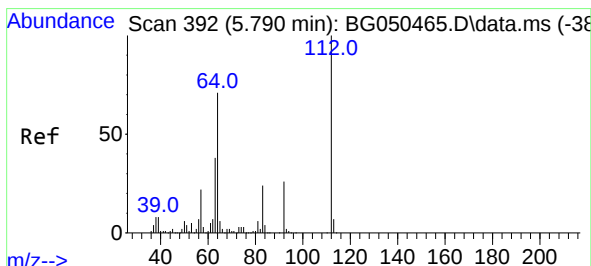
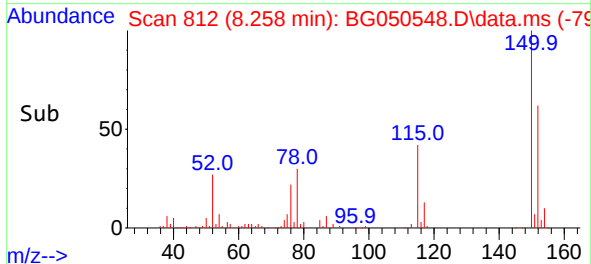
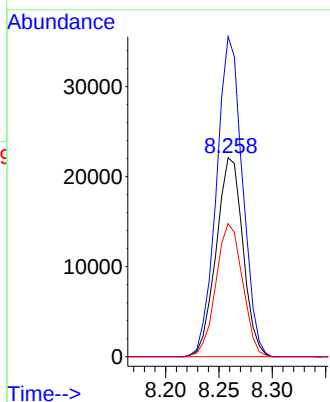
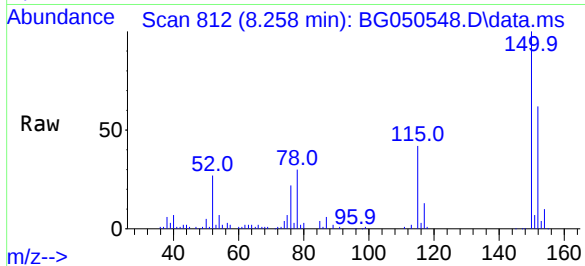




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

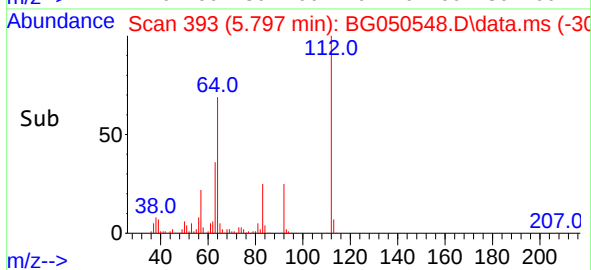
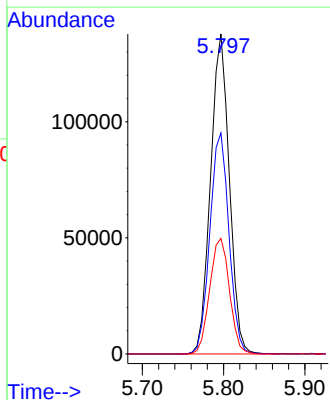
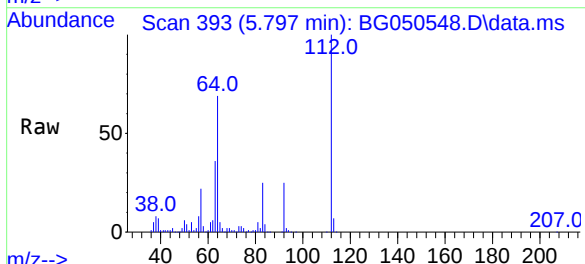
Instrument :
BNA_G
ClientSampleId :
SW-CB-31

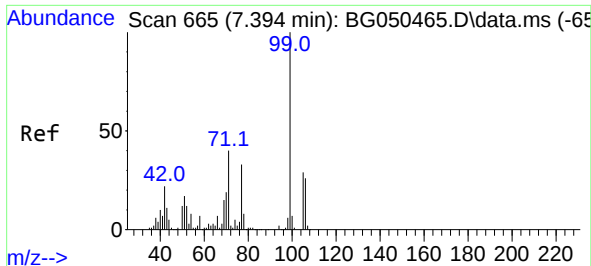
Tgt Ion:152 Resp: 38615
Ion Ratio Lower Upper
152 100
150 161.0 119.4 179.0
115 66.9 60.2 90.4



#5
2-Fluorophenol
Concen: 85.57 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:112 Resp: 220941
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 36.1 35.3 52.9

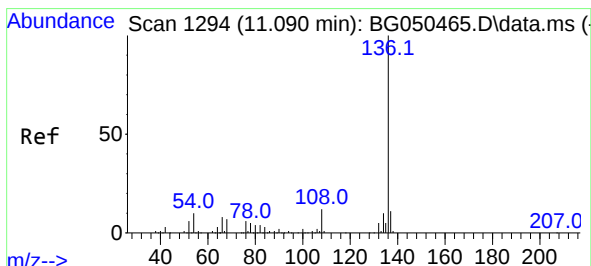
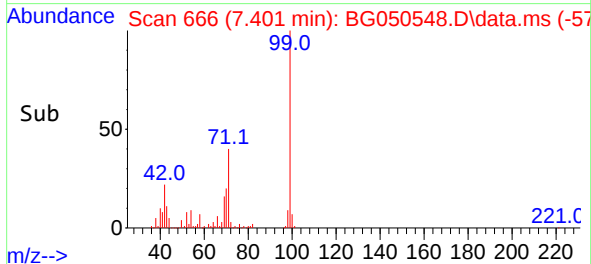
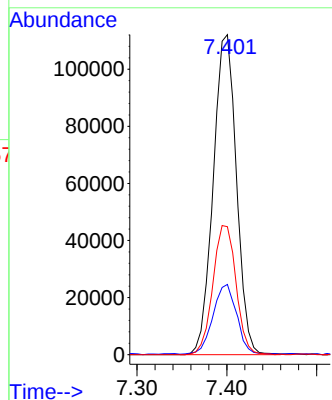
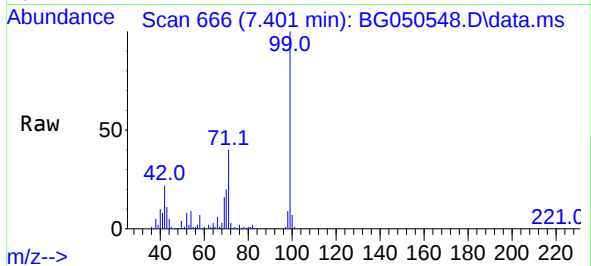




#7
Phenol-d6
Concen: 53.83 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

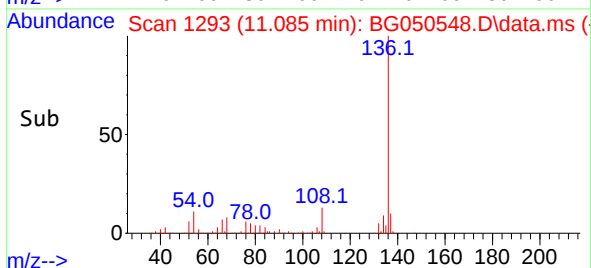
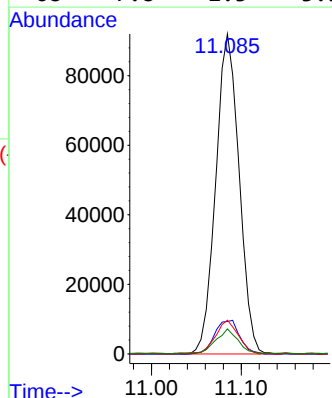
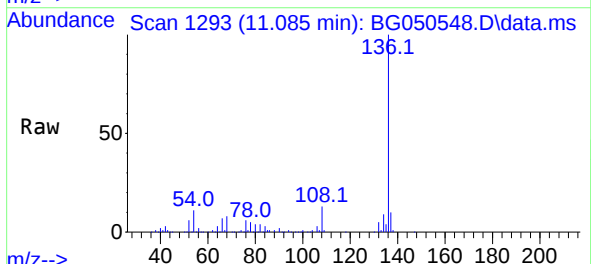
Instrument :
BNA_G
ClientSampled :
SW-CB-31

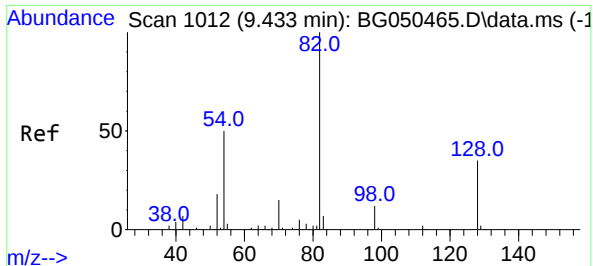
Tgt Ion: 99 Resp: 201236
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 40.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion: 136 Resp: 166042
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 10.6 5.5 8.3#
68 7.8 2.3 3.5#

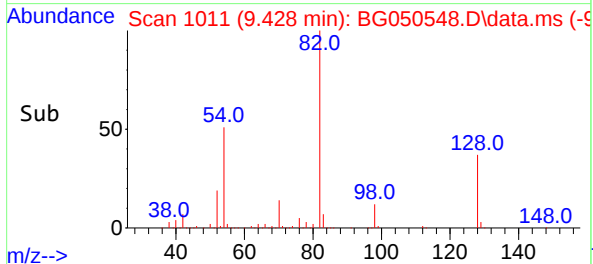
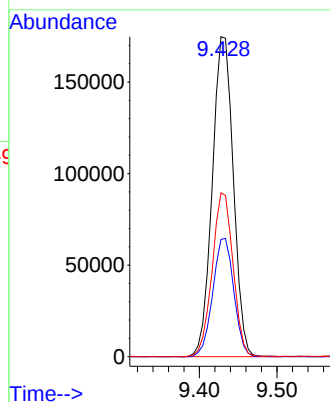
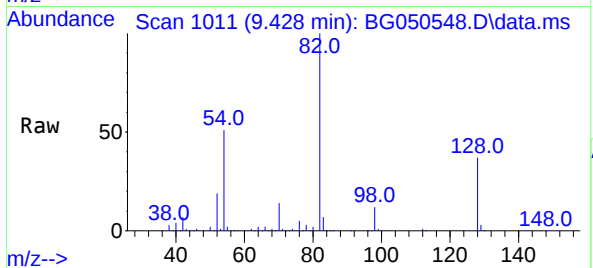




#23
Nitrobenzene-d5
Concen: 82.29 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

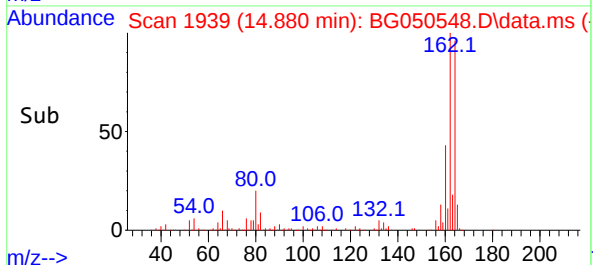
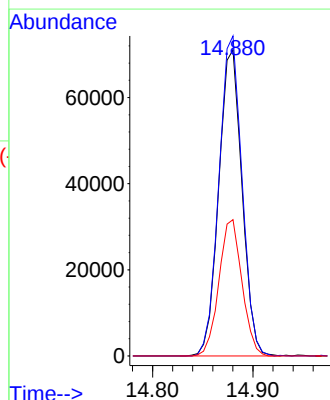
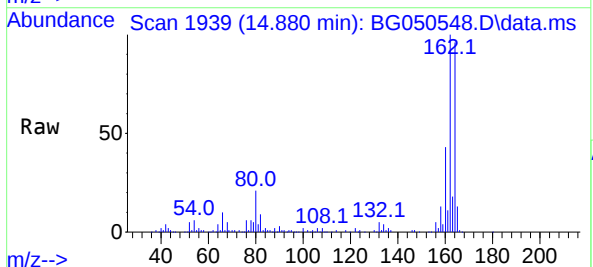
Instrument :
BNA_G
ClientSampleId :
SW-CB-31

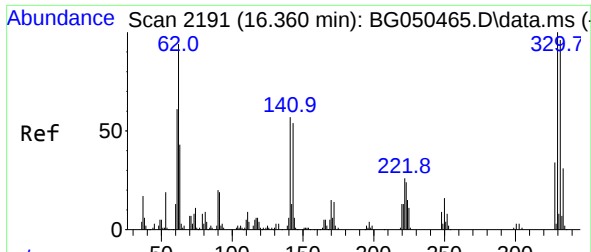
Tgt Ion: 82 Resp: 330074
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 51.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

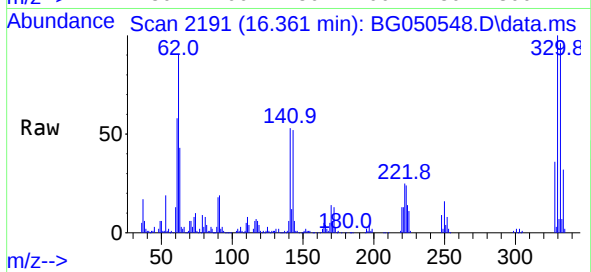
Tgt Ion: 164 Resp: 114107
Ion Ratio Lower Upper
164 100
162 104.5 81.4 122.0
160 44.5 34.9 52.3



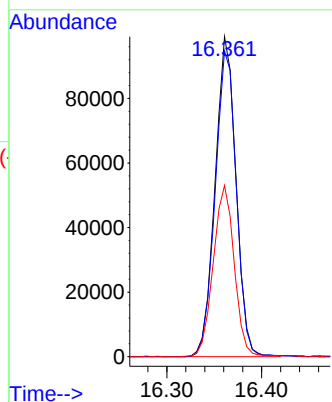
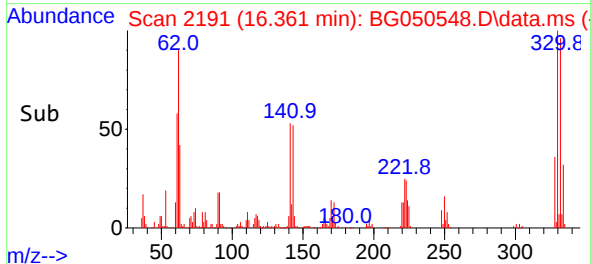


#42
2,4,6-Tribromophenol
Concen: 139.40 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

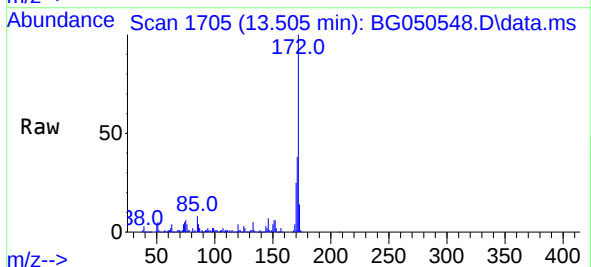
Instrument :
BNA_G
ClientSampleId :
SW-CB-31



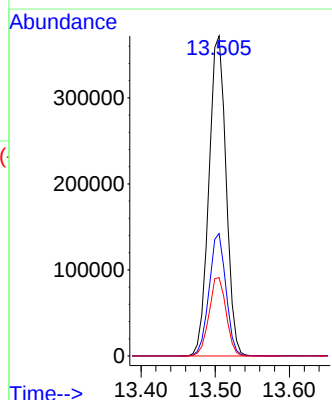
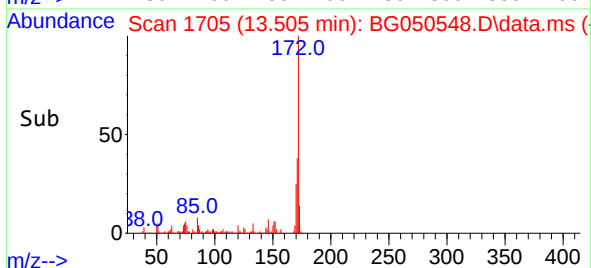
Tgt Ion:330 Resp: 151719
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 53.9 35.6 53.4#

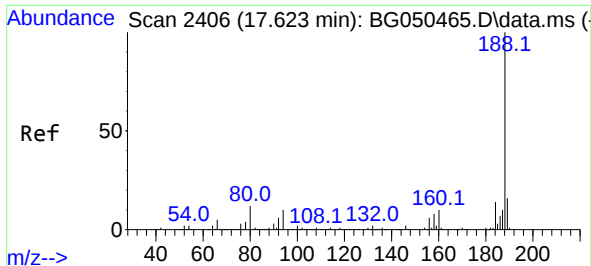


#45
2-Fluorobiphenyl
Concen: 78.84 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37



Tgt Ion:172 Resp: 597757
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 24.5 18.6 27.8

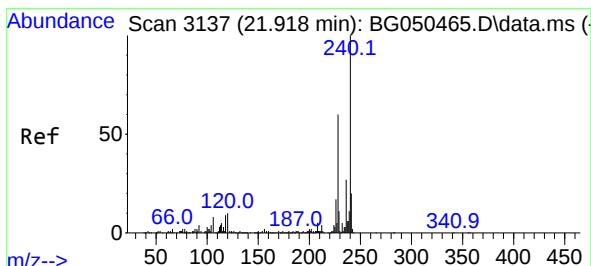
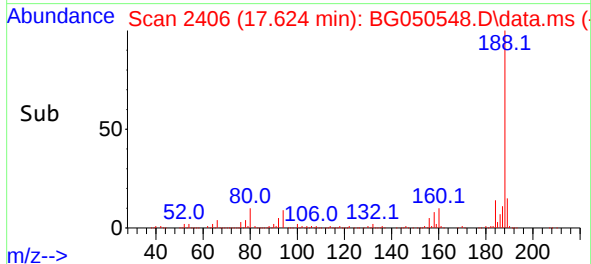
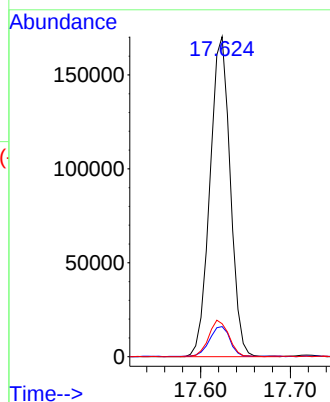
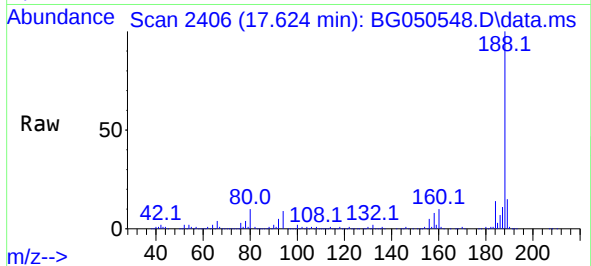




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

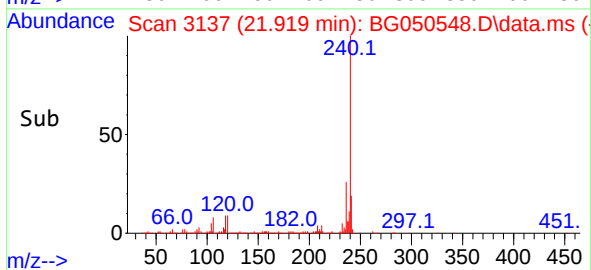
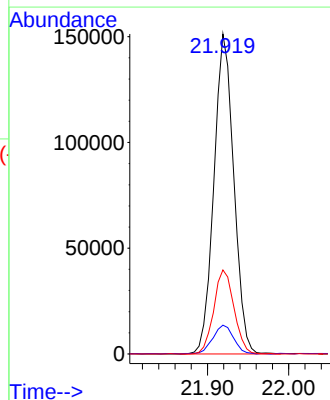
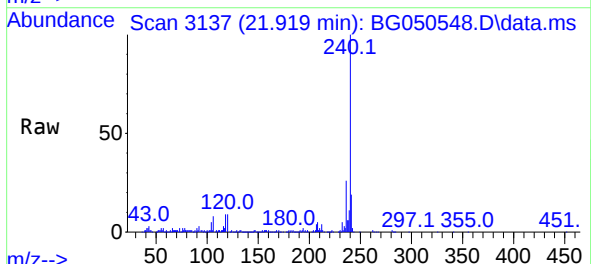
Instrument :
BNA_G
ClientSampleId :
SW-CB-31

Tgt Ion:188 Resp: 267067
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 10.3 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:240 Resp: 257339
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 26.2 21.8 32.6

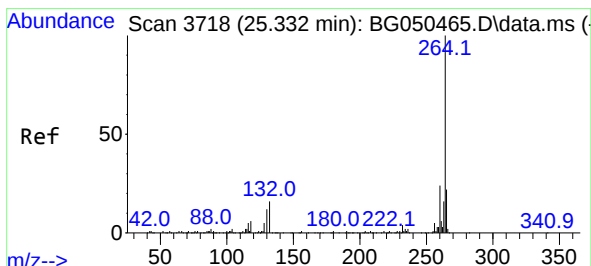
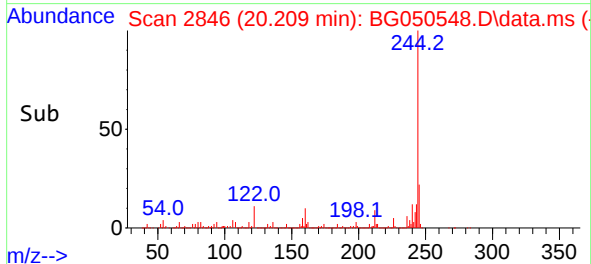
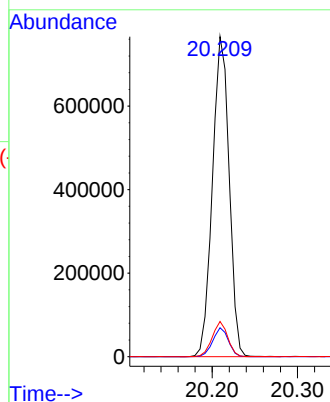
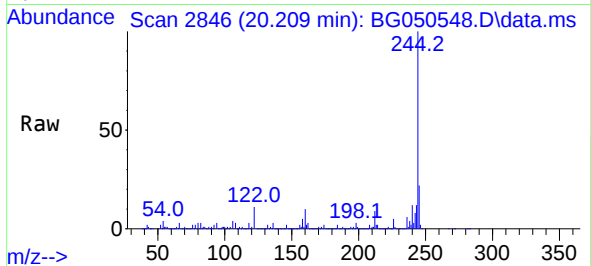




#79
 Terphenyl-d14
 Concen: 78.96 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050548.D
 Acq: 12 Oct 2021 11:37

Instrument :
 BNA_G
 ClientSampleId :
 SW-CB-31

Tgt Ion:244 Resp: 1042676
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 11.0 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.338 min Scan# 3719
 Delta R.T. 0.007 min
 Lab File: BG050548.D
 Acq: 12 Oct 2021 11:37

Tgt Ion:264 Resp: 258926
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.3 16.9 25.3

