

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048977.D
 Acq On : 15 Jun 2021 14:35
 Operator : CG/JU
 Sample : M2672-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Quant Time: Jun 15 15:23:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	43691	20.000	ng	0.00
21) Naphthalene-d8	10.943	136	168085	20.000	ng	# 0.00
39) Acenaphthene-d10	14.762	164	117948	20.000	ng	0.00
64) Phenanthrene-d10	17.511	188	259719	20.000	ng	# 0.00
76) Chrysene-d12	21.801	240	266294	20.000	ng	-0.02
86) Perylene-d12	25.144	264	278672	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	232328	82.777	ng	0.00
7) Phenol-d6	7.270	99	304112	72.293	ng	0.00
23) Nitrobenzene-d5	9.286	82	214111	54.927	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	137938	78.936	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	427685	51.224	ng	-0.01
79) Terphenyl-d14	20.114	244	670258	46.096	ng	-0.01

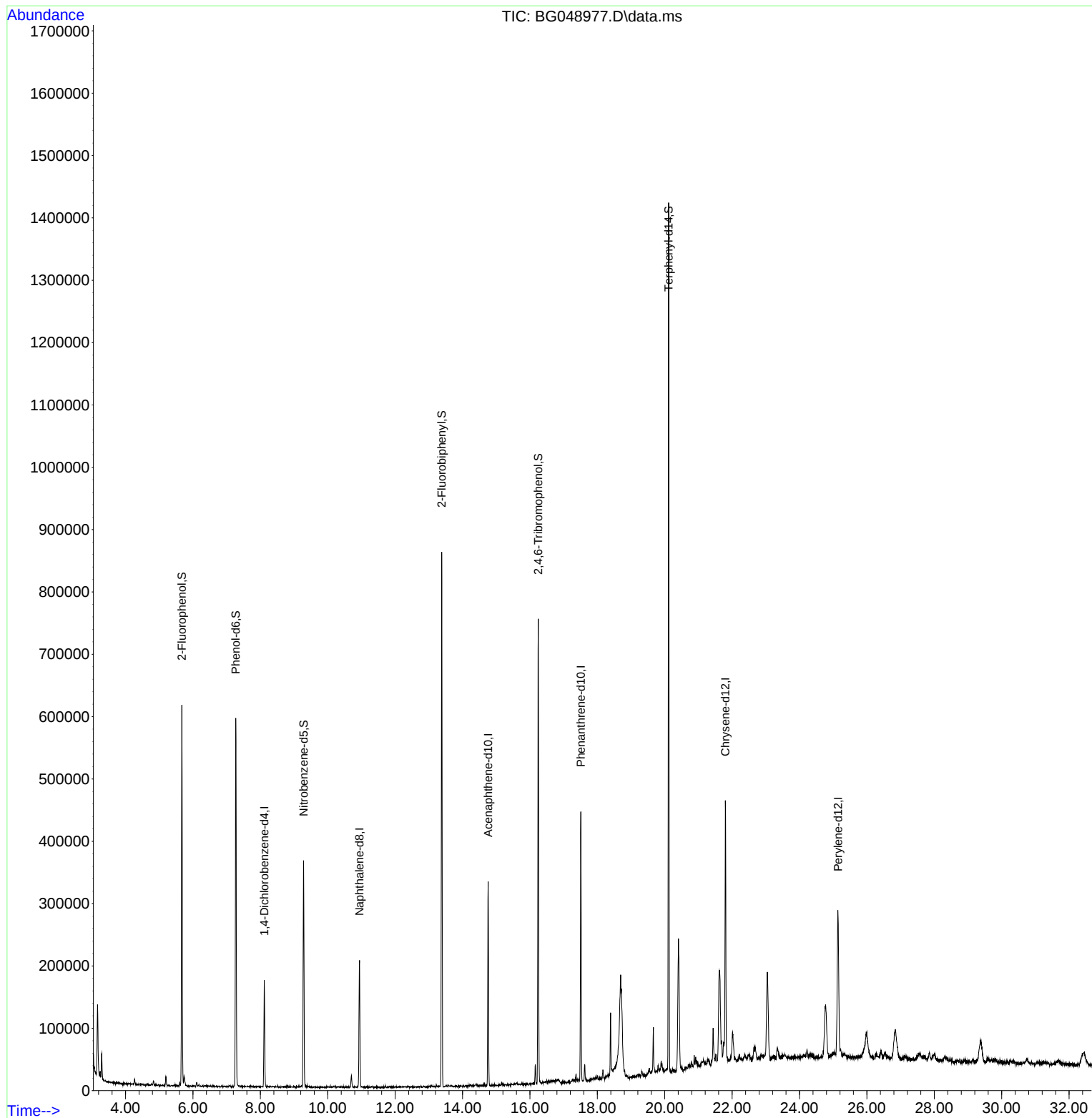
Target Compounds	Qvalue

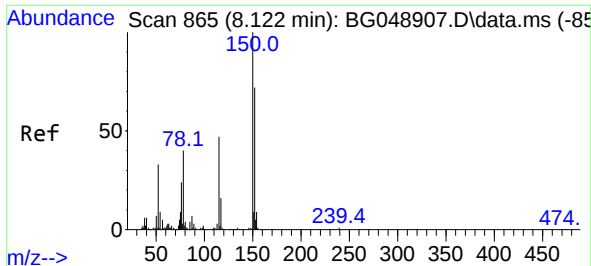
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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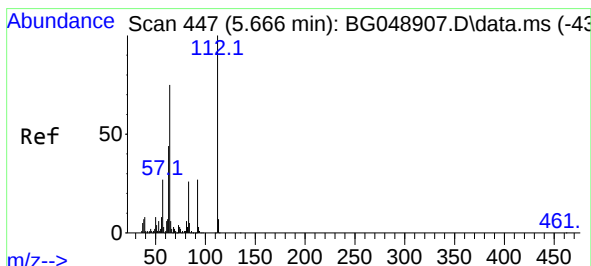
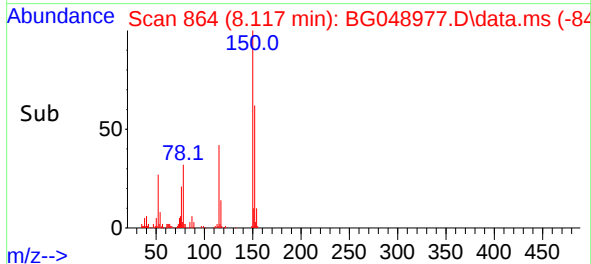
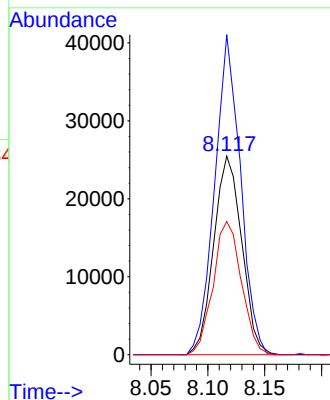
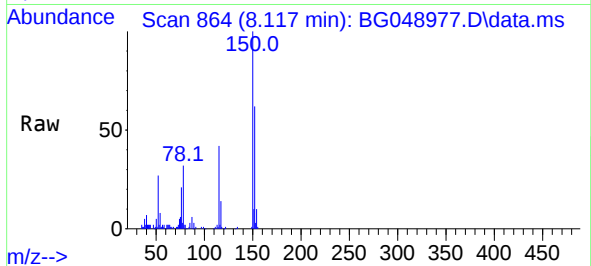




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

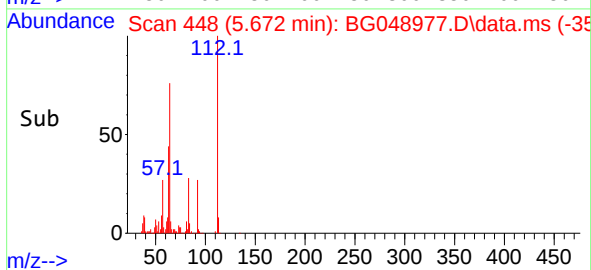
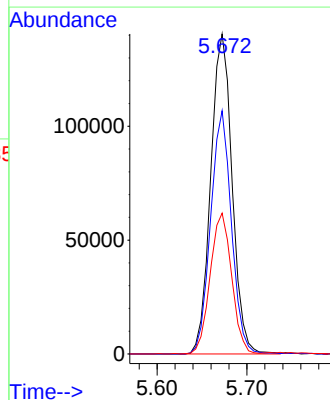
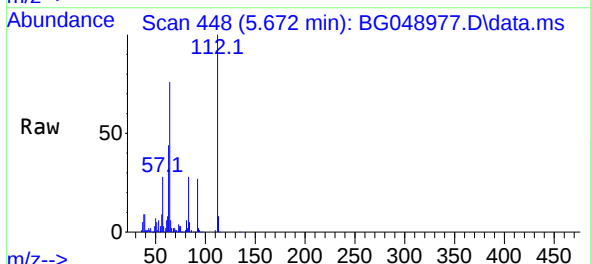
Instrument :
ECD_S
ClientSampleId :

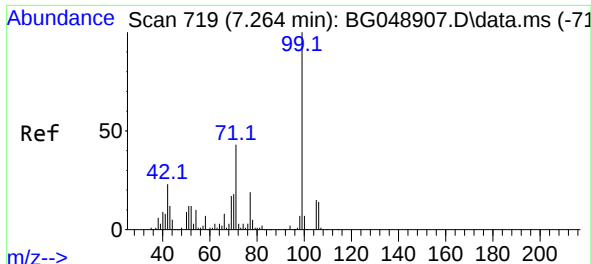
Tgt Ion:152 Resp: 43691
Ion Ratio Lower Upper
152 100
150 161.1 119.4 179.0
115 67.0 60.2 90.4



#5
2-Fluorophenol
Concen: 82.777 ng
RT: 5.672 min Scan# 448
Delta R.T. 0.006 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Tgt Ion:112 Resp: 232328
Ion Ratio Lower Upper
112 100
64 76.0 46.7 70.1#
63 44.0 35.3 52.9

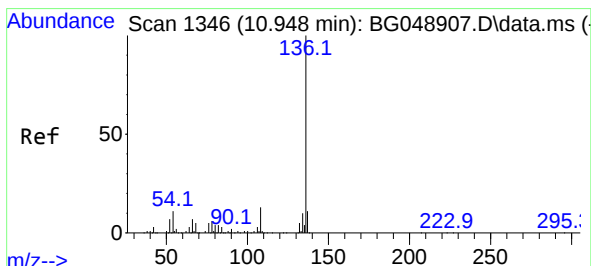
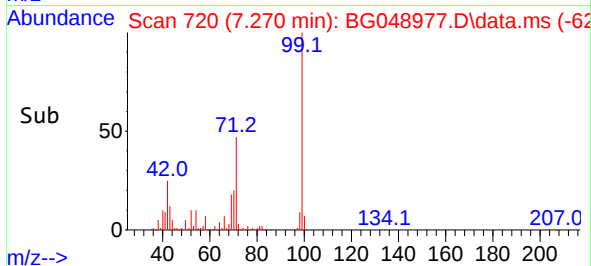
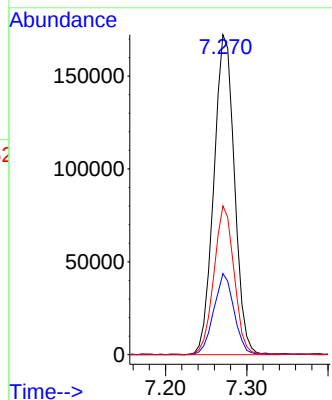
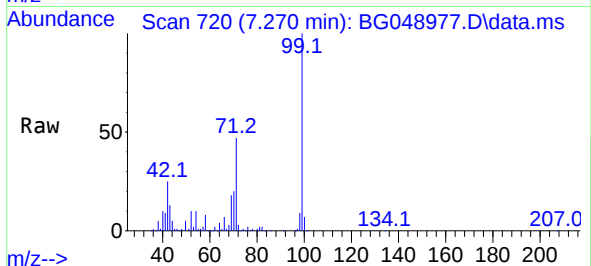




#7
Phenol-d6
Concen: 72.293 ng
RT: 7.270 min Scan# 720
Delta R.T. 0.006 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

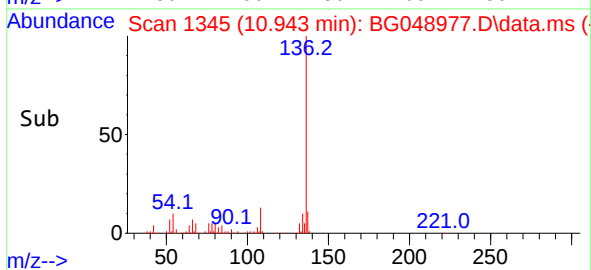
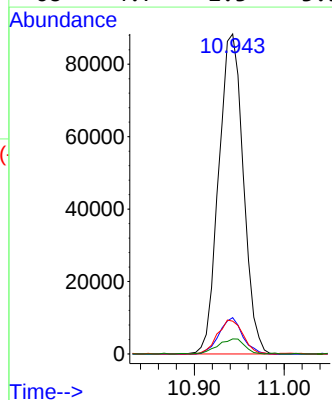
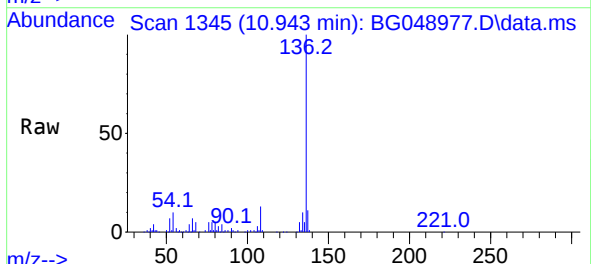
Instrument :
ECD_S
ClientSampled :

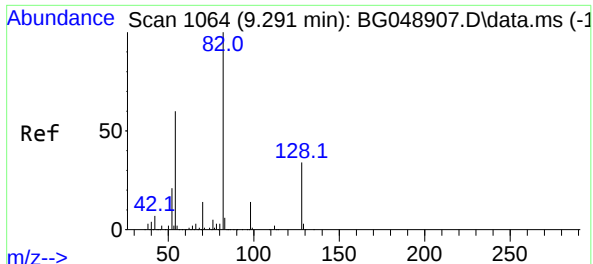
Tgt Ion: 99 Resp: 304112
Ion Ratio Lower Upper
99 100
42 25.4 20.5 30.7
71 46.5 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Tgt Ion:136 Resp: 168085
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 10.2 5.5 8.3#
68 4.7 2.3 3.5#

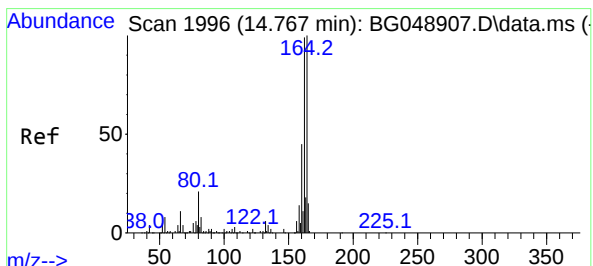
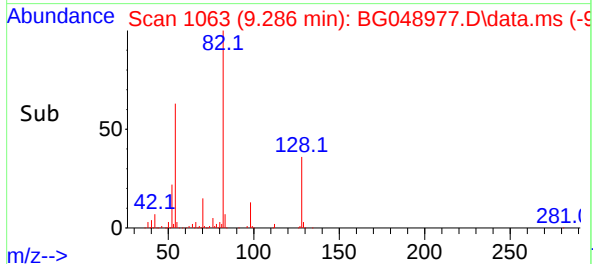
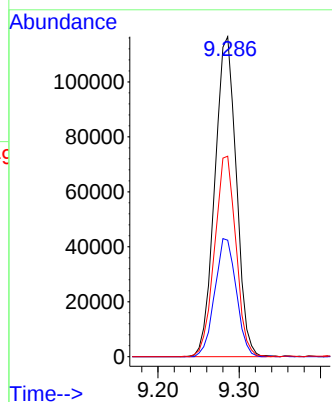
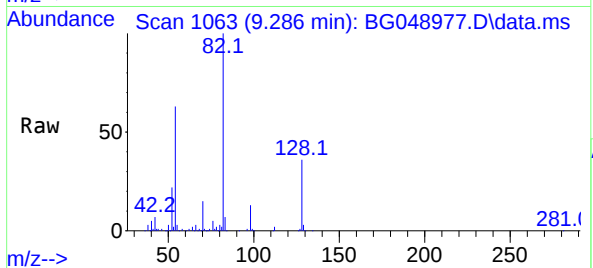




#23
Nitrobenzene-d5
Concen: 54.927 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

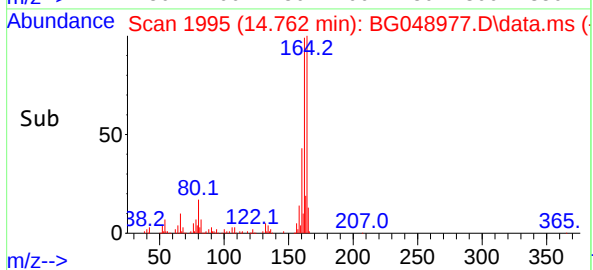
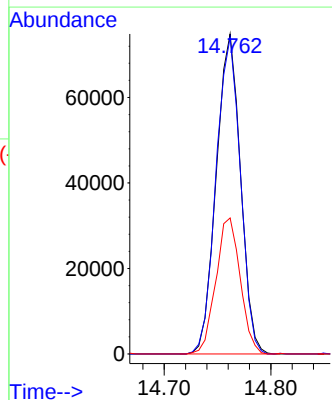
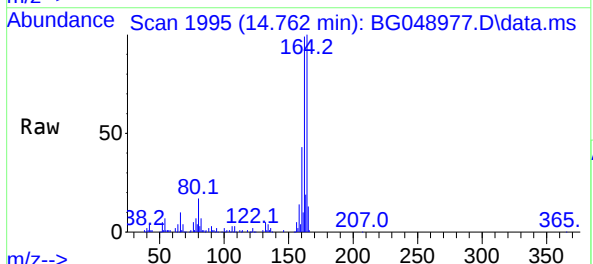
Instrument :
ECD_S
ClientSampleId :

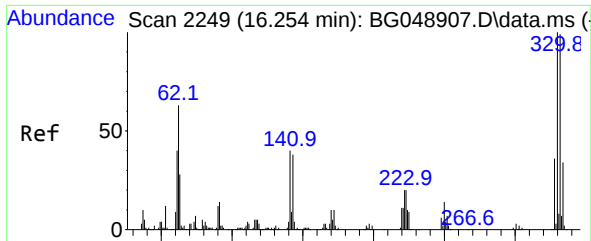
Tgt Ion: 82 Resp: 214111
Ion Ratio Lower Upper
82 100
128 36.4 29.8 44.6
54 62.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

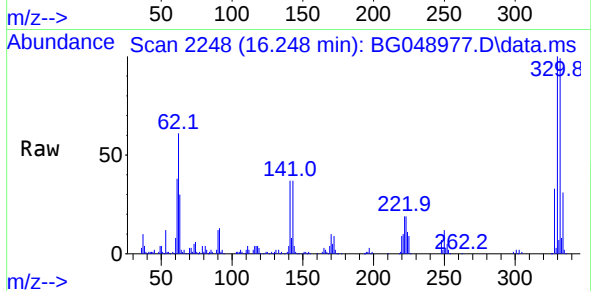
Tgt Ion:164 Resp: 117948
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 42.5 34.9 52.3



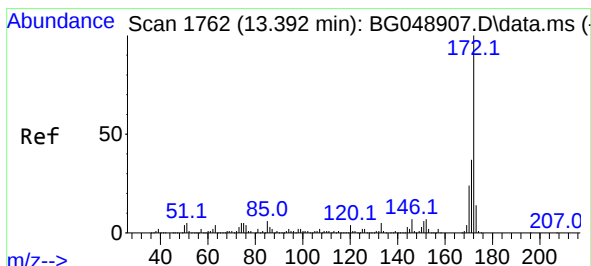
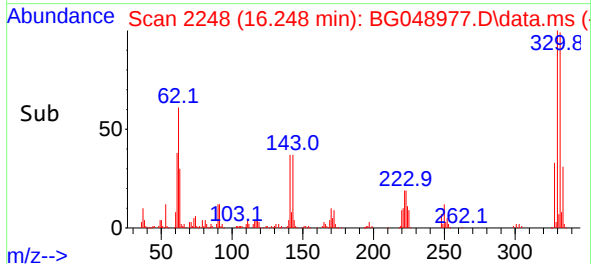
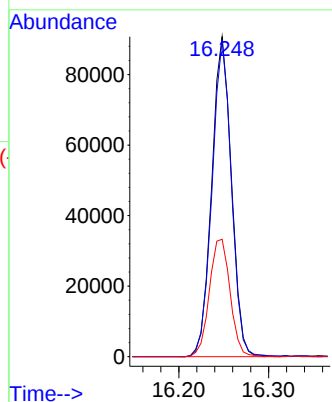


#42
2,4,6-Tribromophenol
Concen: 78.936 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

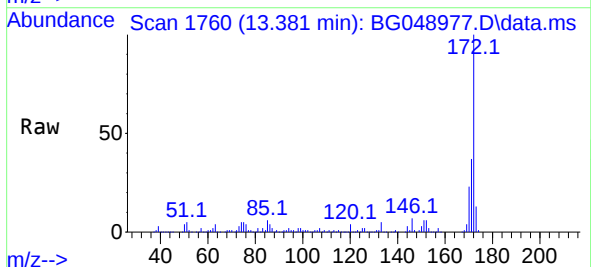
Instrument :
ECD_S
ClientSampleId :



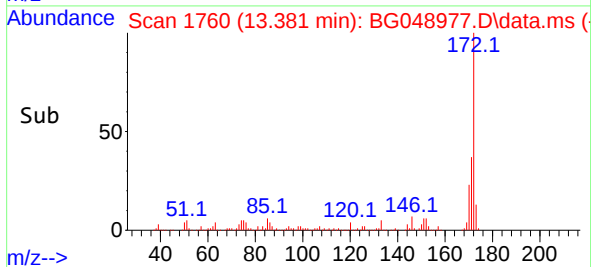
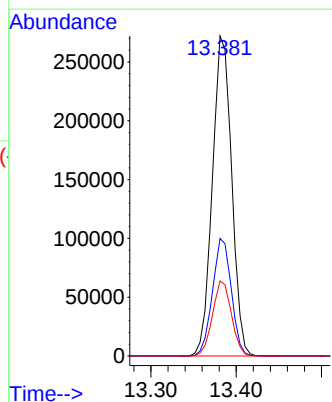
Tgt Ion:330 Resp: 137938
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 38.7 35.6 53.4

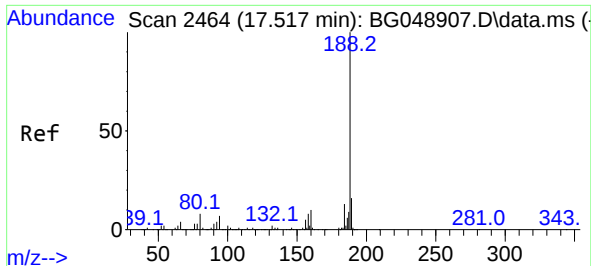


#45
2-Fluorobiphenyl
Concen: 51.224 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35



Tgt Ion:172 Resp: 427685
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 23.5 18.6 27.8

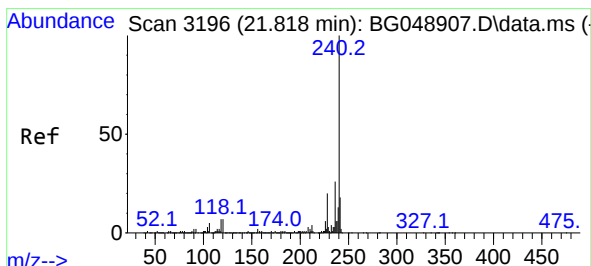
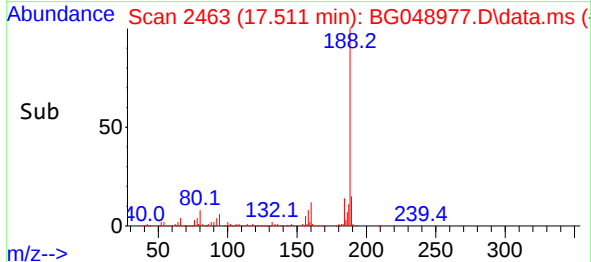
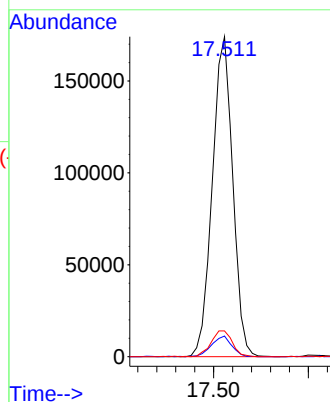
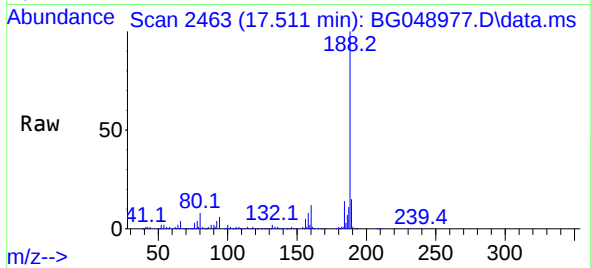




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

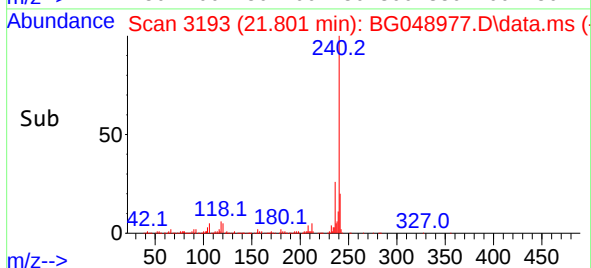
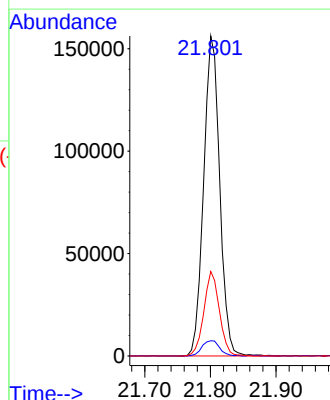
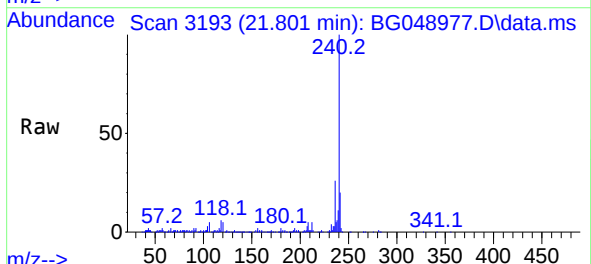
Instrument :
ECD_S
ClientSampleId :

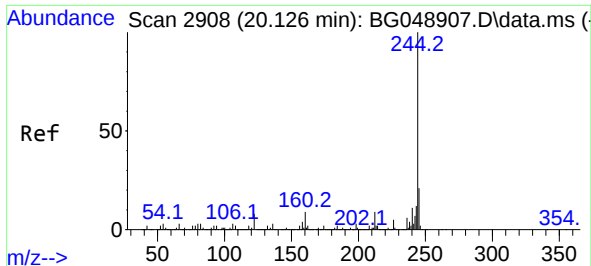
Tgt Ion:188 Resp: 259719
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Tgt Ion:240 Resp: 266294
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 26.4 21.8 32.6

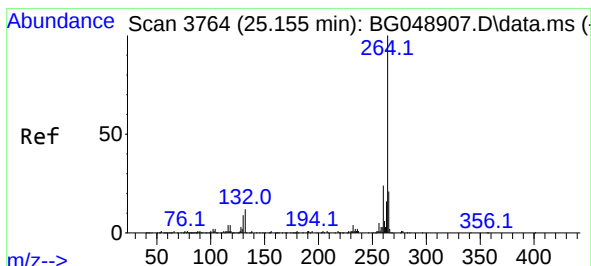
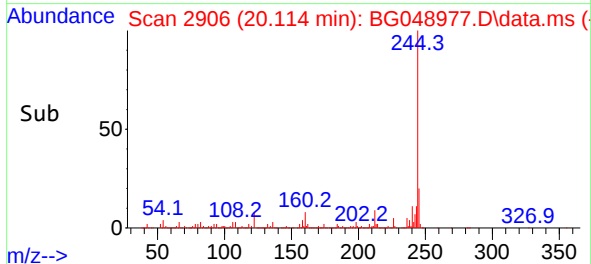
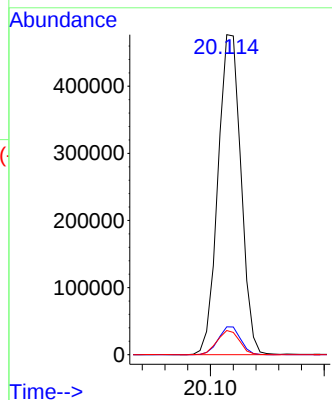
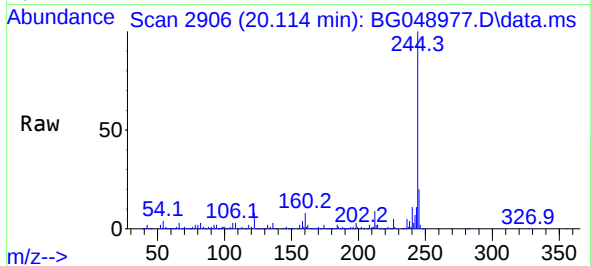




#79
 Terphenyl-d14
 Concen: 46.096 ng
 RT: 20.114 min Scan# 2906
 Delta R.T. -0.012 min
 Lab File: BG048977.D
 Acq: 15 Jun 2021 14:35

Instrument :
 ECD_S
 ClientSampled :

Tgt Ion:244 Resp: 670258
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 7.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.144 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG048977.D
 Acq: 15 Jun 2021 14:35

Tgt Ion:264 Resp: 278672
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.4 29.2
 265 20.1 16.9 25.3

