

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048987.D
 Acq On : 15 Jun 2021 21:26
 Operator : CG/JU
 Sample : M2672-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Quant Time: Jun 16 01:02:29 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	28857	20.000	ng	# 0.00
21) Naphthalene-d8	10.937	136	115873	20.000	ng	#-0.01
39) Acenaphthene-d10	14.756	164	87192	20.000	ng	-0.01
64) Phenanthrene-d10	17.506	188	225340	20.000	ng	#-0.01
76) Chrysene-d12	21.795	240	241093	20.000	ng	-0.02
86) Perylene-d12	25.127	264	251339	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	223048	120.322	ng	0.00
7) Phenol-d6	7.265	99	295798	106.463	ng	0.00
23) Nitrobenzene-d5	9.280	82	210370	78.285	ng	-0.01
42) 2,4,6-Tribromophenol	16.243	330	156472	121.127	ng	-0.01
45) 2-Fluorobiphenyl	13.381	172	431937	69.981	ng	-0.01
79) Terphenyl-d14	20.115	244	799432	60.727	ng	-0.01

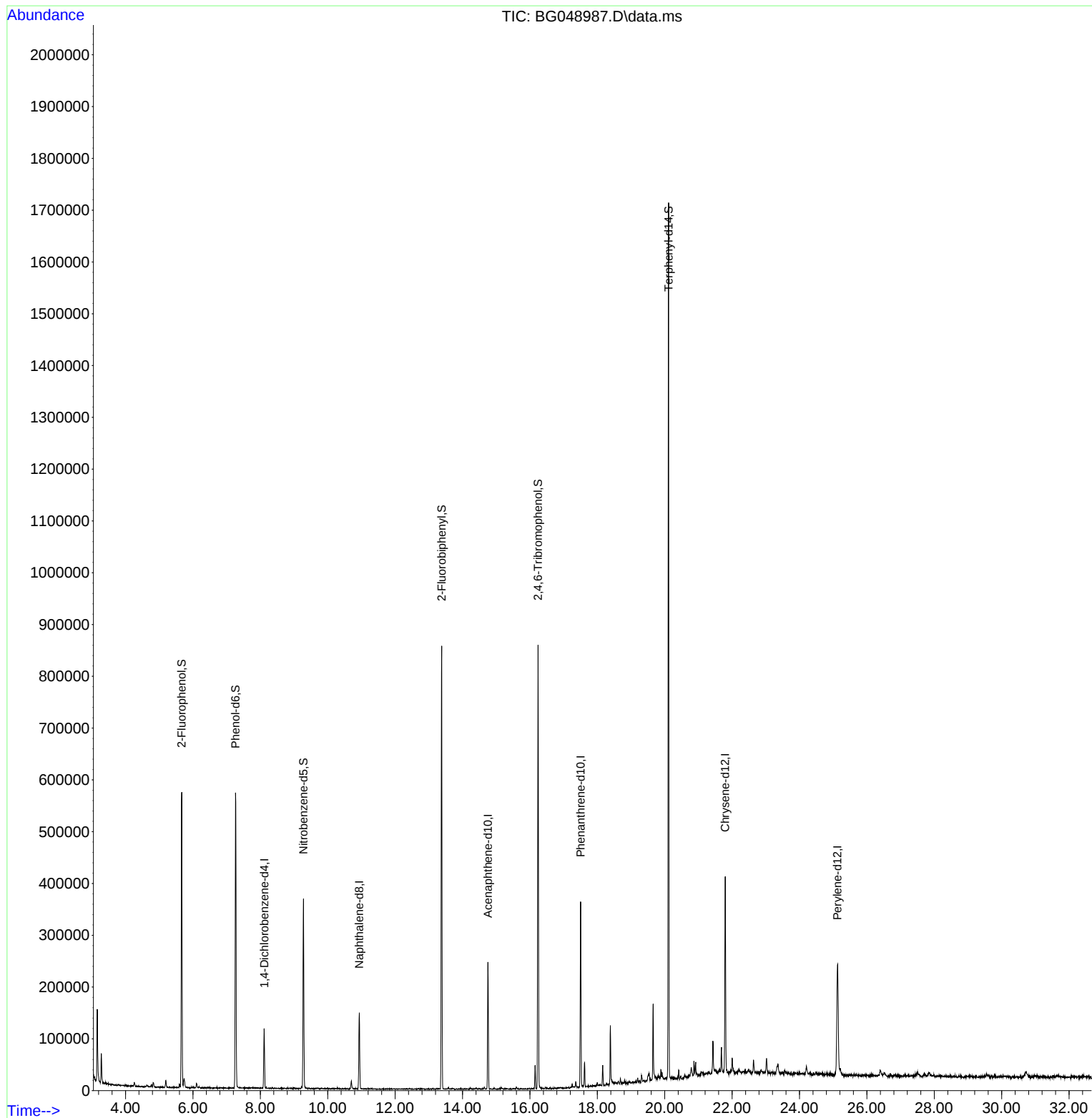
Target Compounds	Qvalue

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

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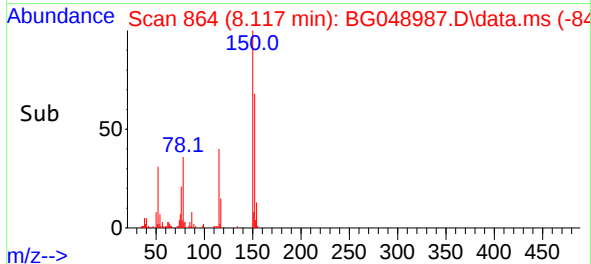
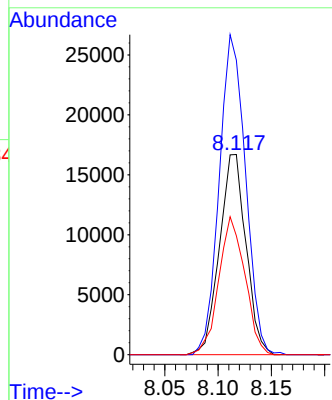
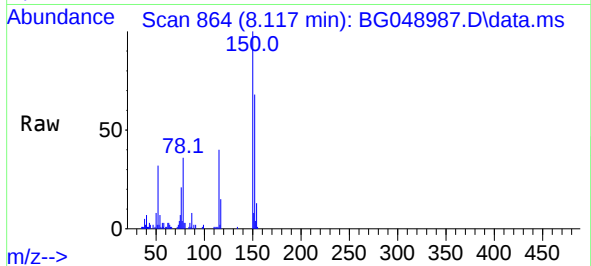




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

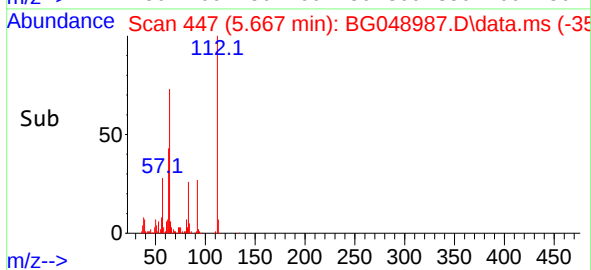
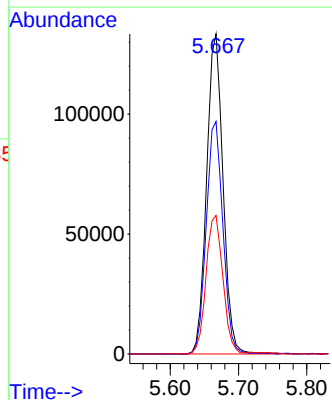
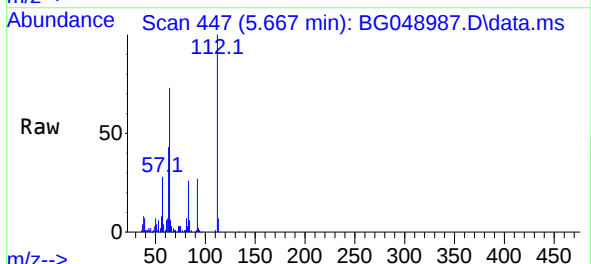
Instrument :
ECD_S
ClientSampled :

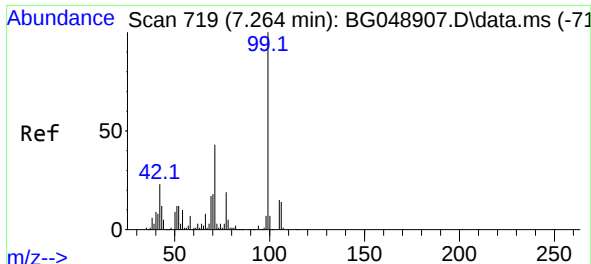
Tgt Ion:152 Resp: 28857
Ion Ratio Lower Upper
152 100
150 147.1 119.4 179.0
115 59.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 120.322 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion:112 Resp: 223048
Ion Ratio Lower Upper
112 100
64 72.6 46.7 70.1#
63 43.3 35.3 52.9

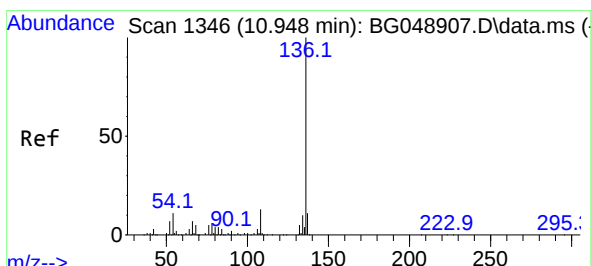
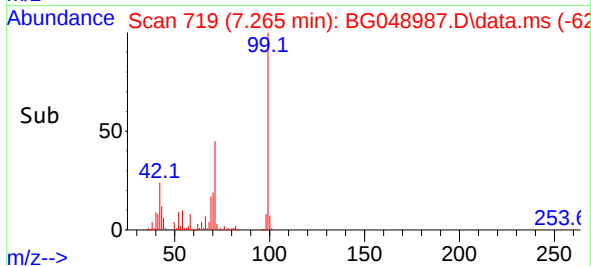
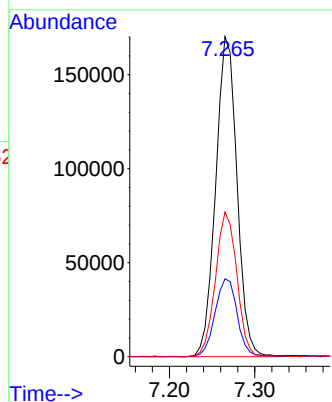
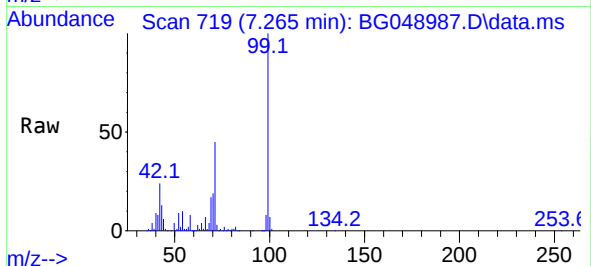




#7
Phenol-d6
Concen: 106.463 ng
RT: 7.265 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

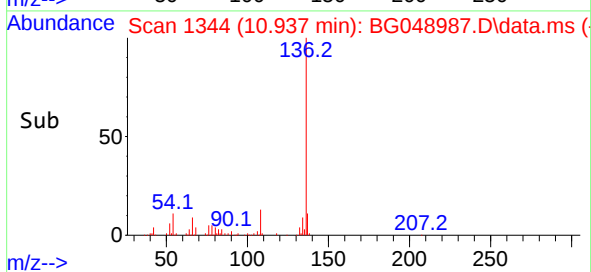
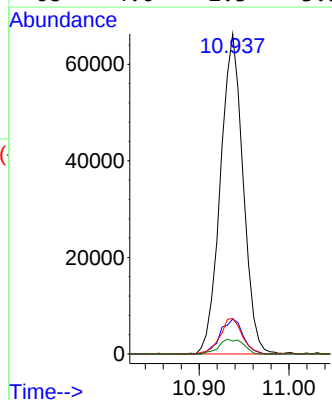
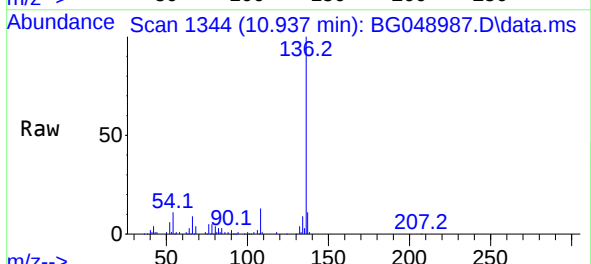
Instrument :
ECD_S
ClientSampleId :

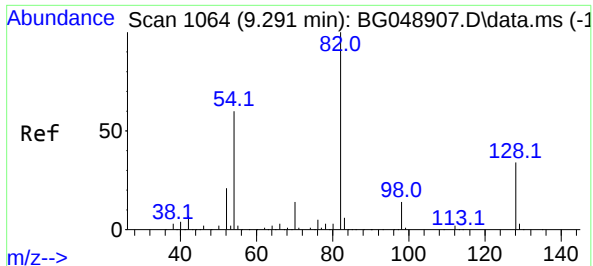
Tgt Ion: 99 Resp: 295798
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 45.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion:136 Resp: 115873
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 11.1 5.5 8.3#
68 4.0 2.3 3.5#

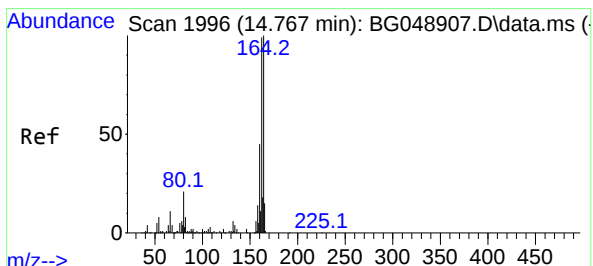
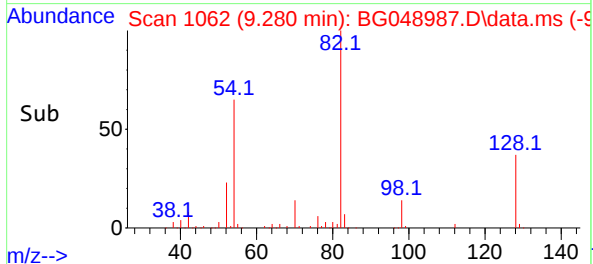
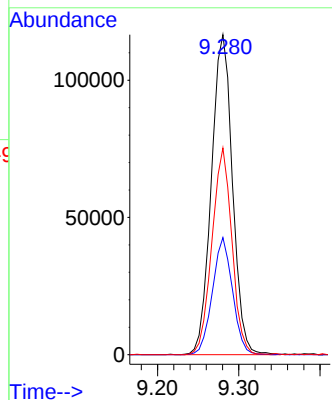
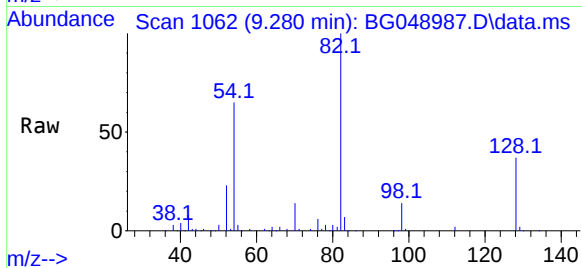




#23
Nitrobenzene-d5
Concen: 78.285 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

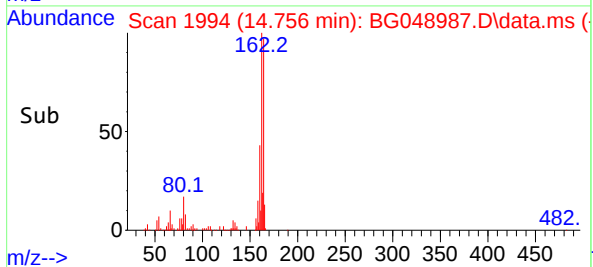
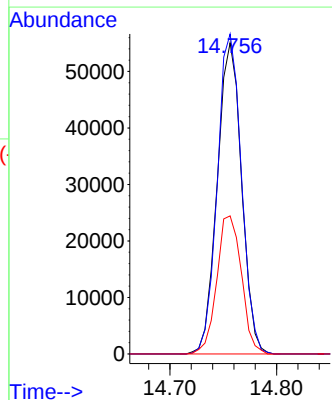
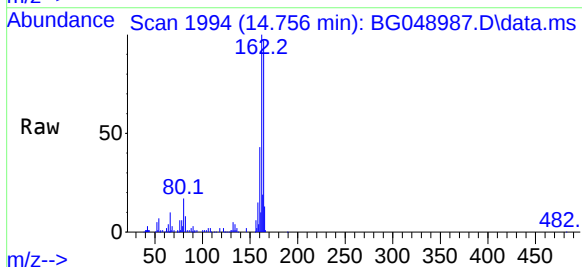
Instrument :
ECD_S
ClientSampled :

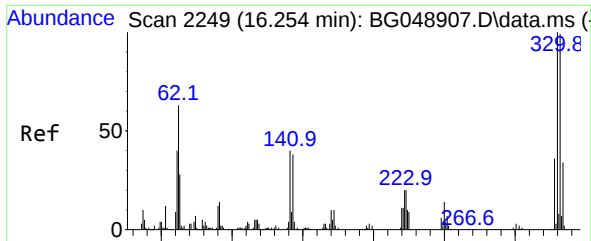
Tgt Ion: 82 Resp: 210370
Ion Ratio Lower Upper
82 100
128 36.6 29.8 44.6
54 64.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

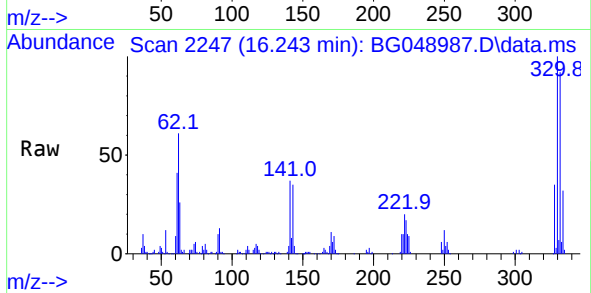
Tgt Ion:164 Resp: 87192
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.4 34.9 52.3



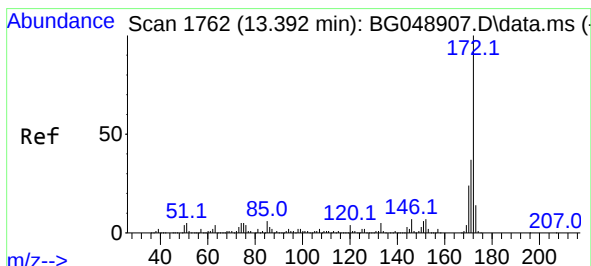
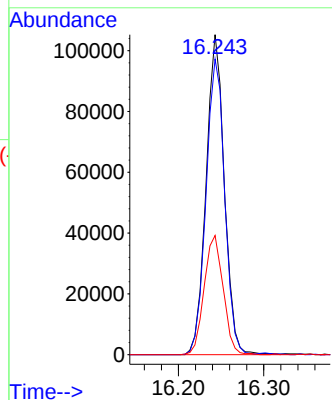
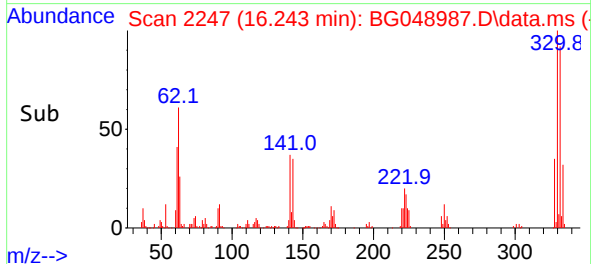


#42
2,4,6-Tribromophenol
Concen: 121.127 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

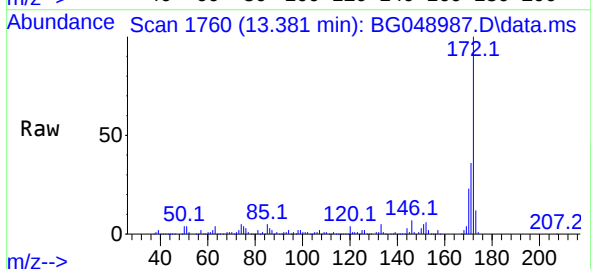
Instrument :
ECD_S
ClientSampled :



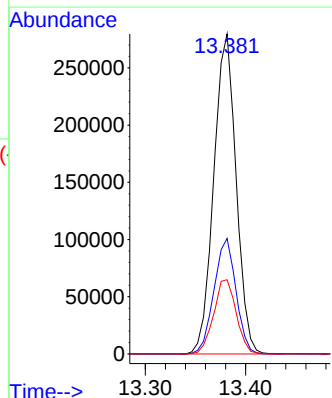
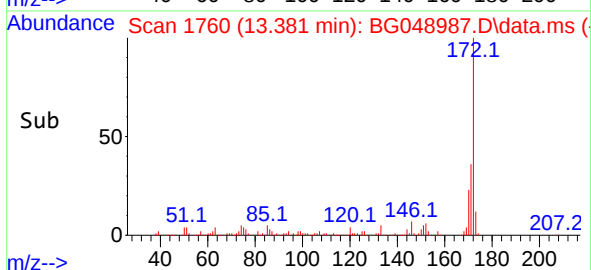
Tgt Ion:330 Resp: 156472
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 38.8 35.6 53.4

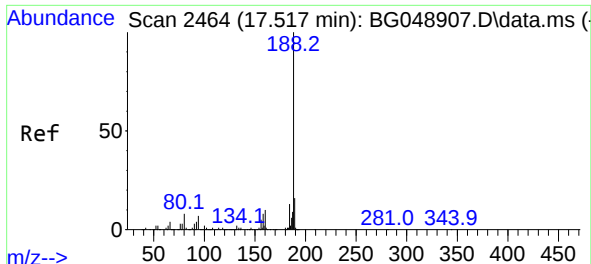


#45
2-Fluorobiphenyl
Concen: 69.981 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26



Tgt Ion:172 Resp: 431937
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.2 18.6 27.8

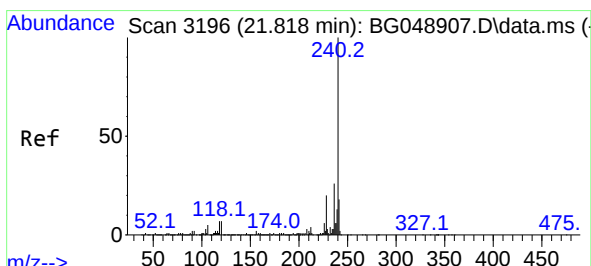
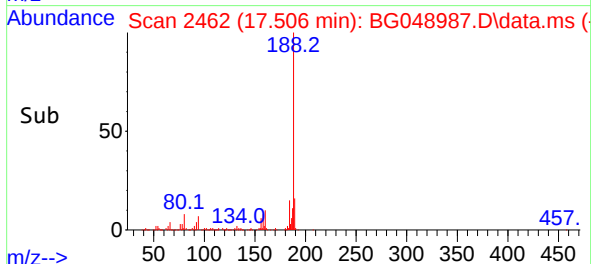
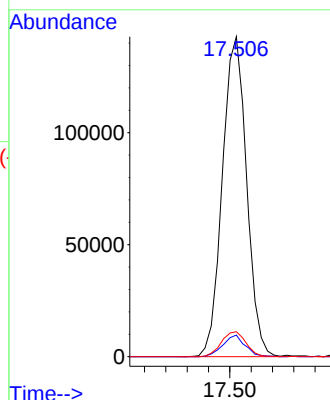
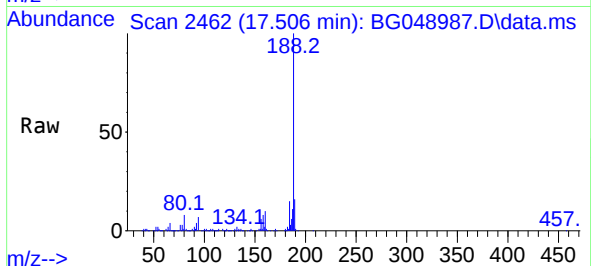




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2462
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

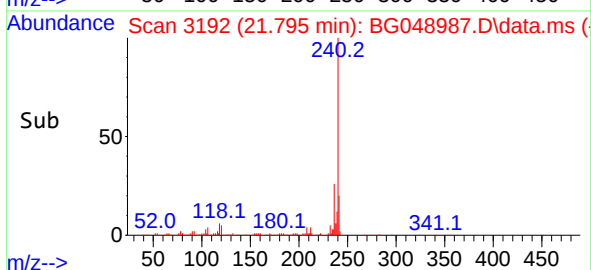
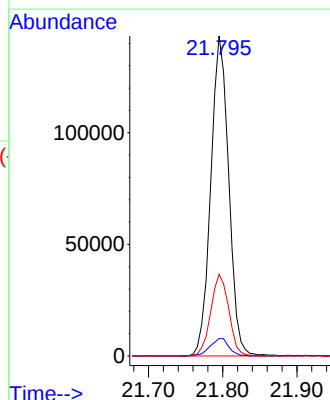
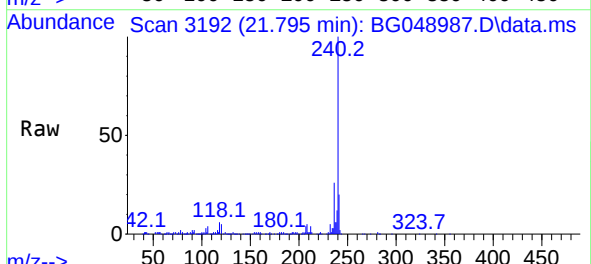
Instrument :
ECD_S
ClientSampled :

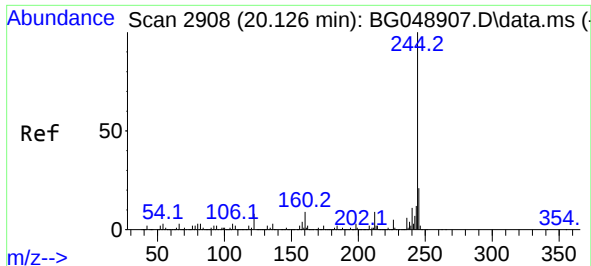
Tgt Ion:188 Resp: 225340
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.795 min Scan# 3192
Delta R.T. -0.023 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion:240 Resp: 241093
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 25.5 21.8 32.6

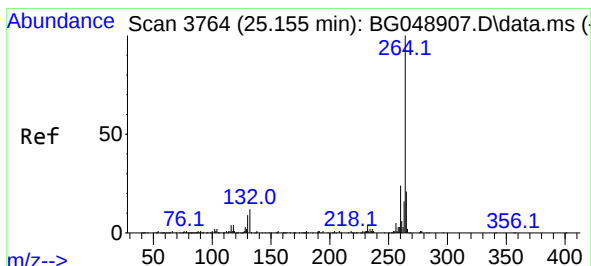
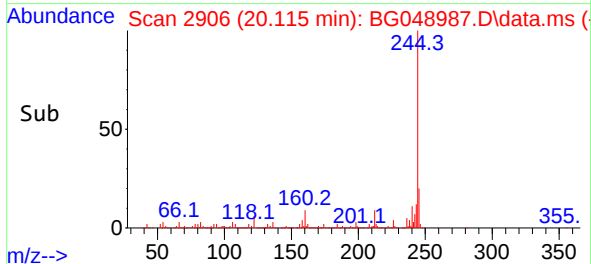
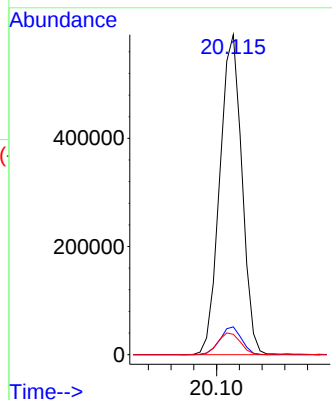
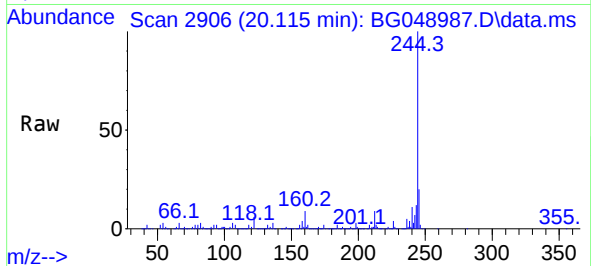




#79
 Terphenyl-d14
 Concen: 60.727 ng
 RT: 20.115 min Scan# 2906
 Delta R.T. -0.011 min
 Lab File: BG048987.D
 Acq: 15 Jun 2021 21:26

Instrument :
 ECD_S
 ClientSampled :

Tgt Ion:244 Resp: 799432
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 6.4 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.127 min Scan# 3759
 Delta R.T. -0.029 min
 Lab File: BG048987.D
 Acq: 15 Jun 2021 21:26

Tgt Ion:264 Resp: 251339
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.6 16.9 25.3

