

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010621\
 Data File : BG047878.D
 Acq On : 6 Jan 2021 16:21
 Operator : CG/JU
 Sample : PB133938BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133938BL

Quant Time: Jan 06 17:06:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	30309	20.00	ng	# 0.00
21) Naphthalene-d8	11.023	136	115285	20.00	ng	# 0.00
39) Acenaphthene-d10	14.819	164	91338	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	249057	20.00	ng	# 0.00
76) Chrysene-d12	21.828	240	232419	20.00	ng	# 0.00
86) Perylene-d12	25.171	264	229496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.723	112	249171	142.22	ng	0.00
7) Phenol-d6	7.339	99	339172	132.43	ng	0.00
23) Nitrobenzene-d5	9.366	82	263133	83.95	ng	0.00
42) 2,4,6-Tribromophenol	16.299	330	227361	145.81	ng	0.00
45) 2-Fluorobiphenyl	13.444	172	587379	83.22	ng	0.00
79) Terphenyl-d14	20.142	244	1180865	83.72	ng	0.00

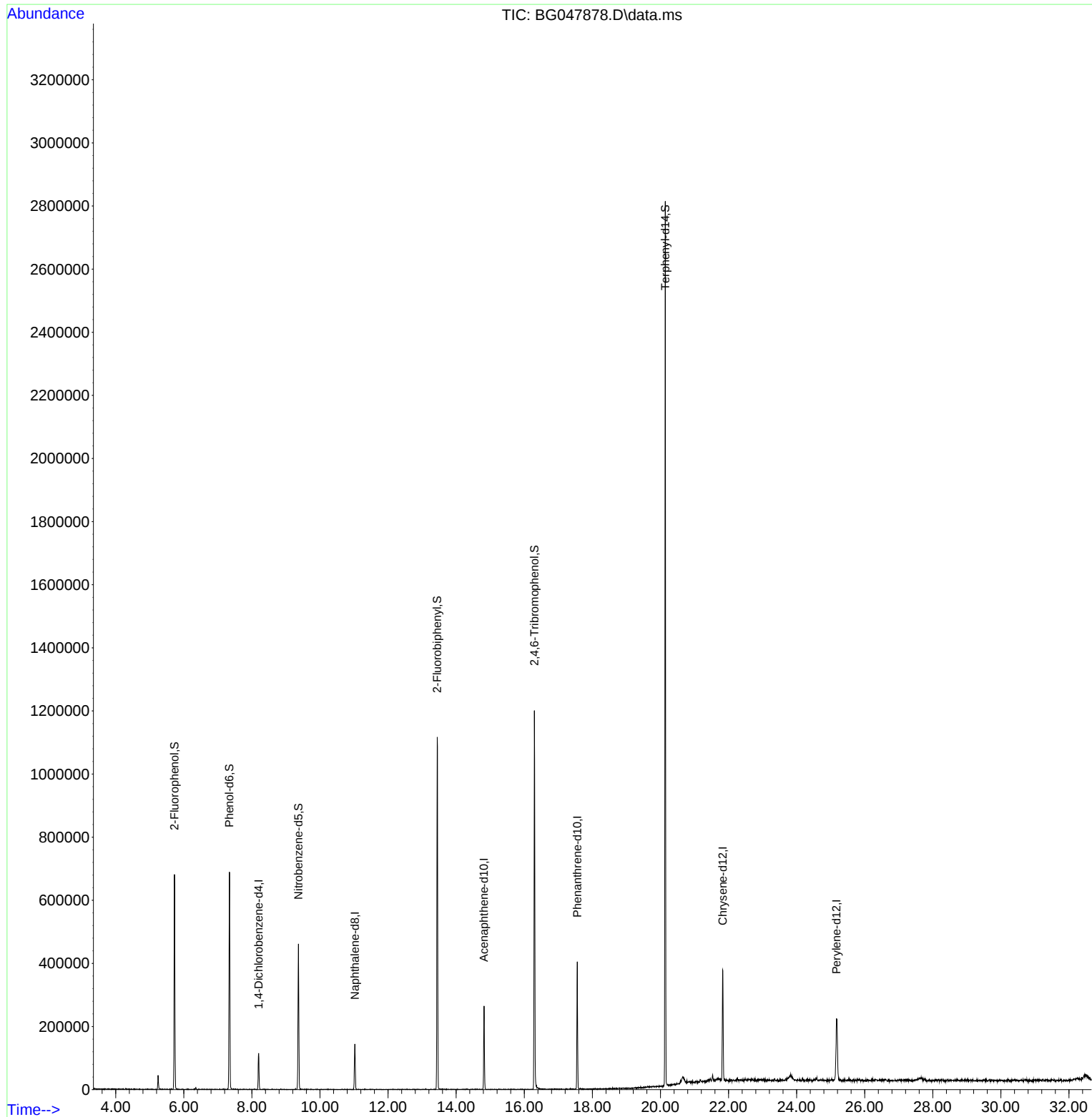
Target Compounds	Qvalue

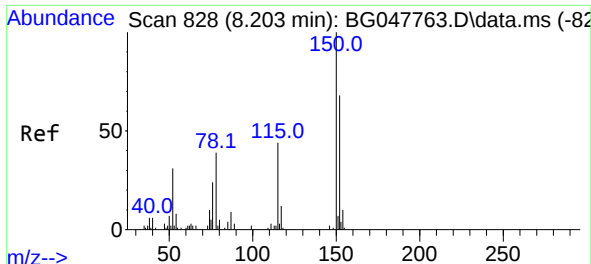
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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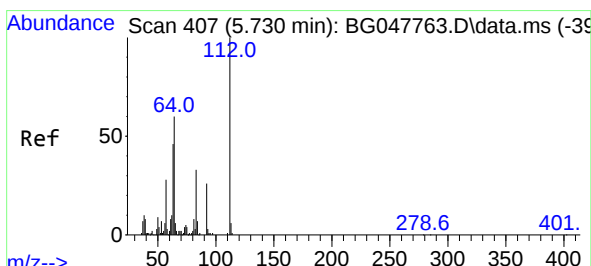
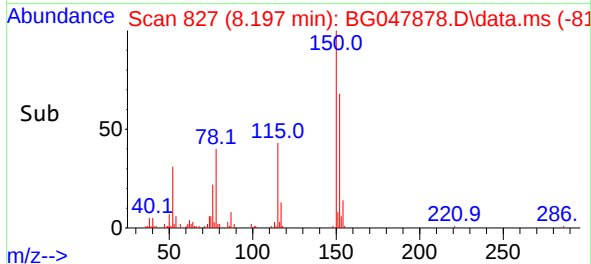
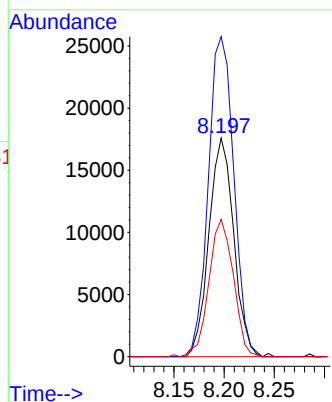
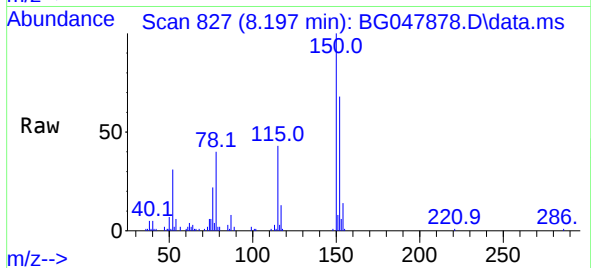




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

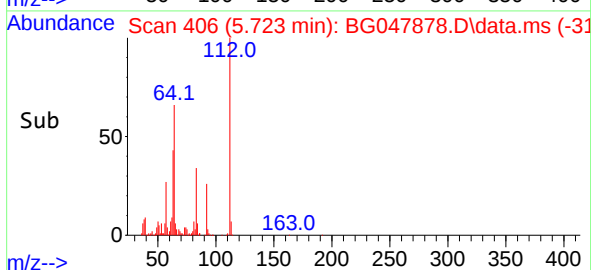
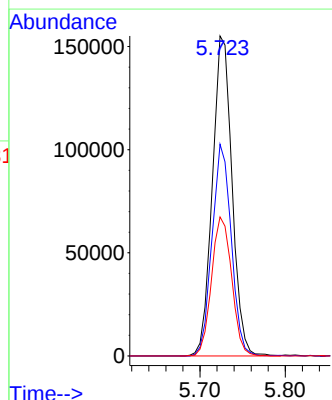
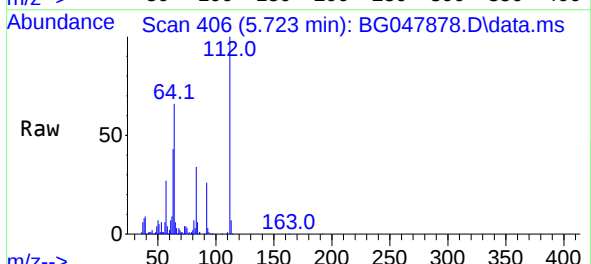
Instrument :
BNA_G
ClientSampleId :
PB133938BL

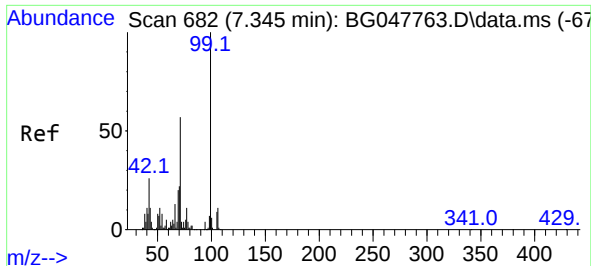
Tgt Ion:152 Resp: 30309
Ion Ratio Lower Upper
152 100
150 146.5 125.0 187.6
115 62.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 142.22 ng
RT: 5.723 min Scan# 406
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:112 Resp: 249171
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 43.5 22.8 34.2#

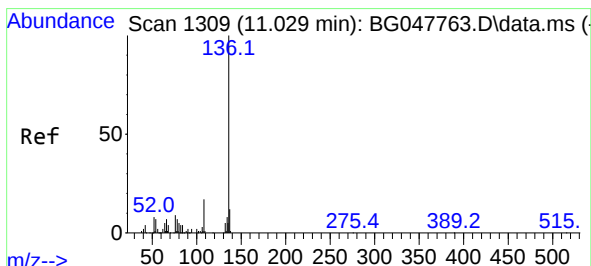
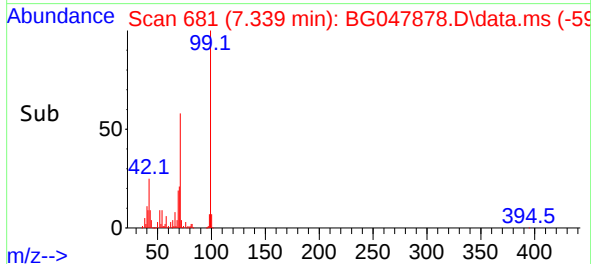
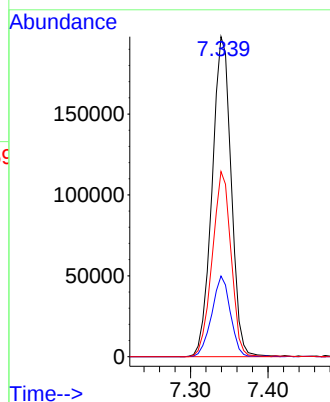
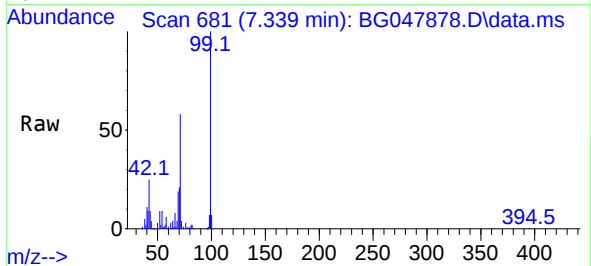




#7
Phenol-d6
Concen: 132.43 ng
RT: 7.339 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

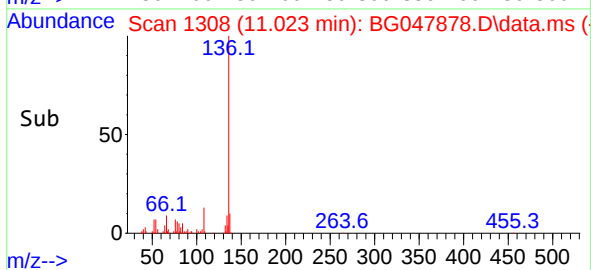
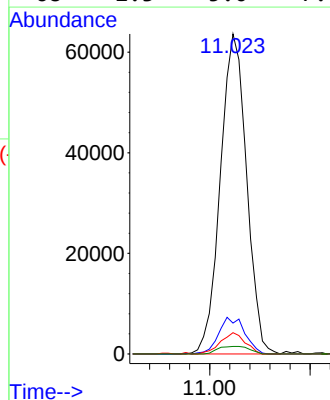
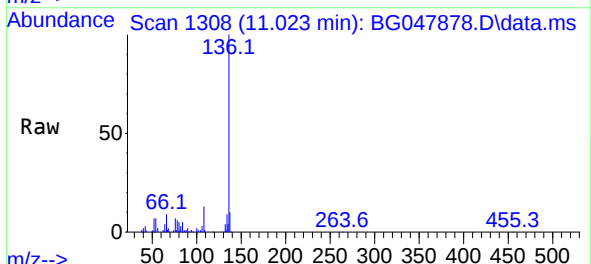
Instrument :
BNA_G
ClientSampleId :
PB133938BL

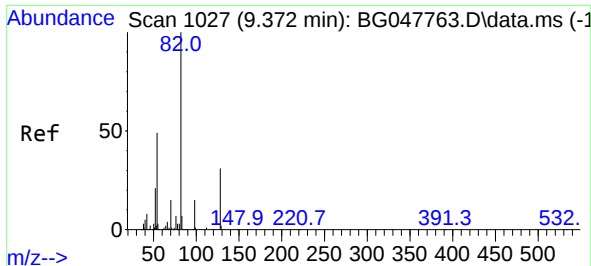
Tgt Ion: 99 Resp: 339172
Ion Ratio Lower Upper
99 100
42 25.2 12.8 19.2#
71 57.9 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion: 136 Resp: 115285
Ion Ratio Lower Upper
136 100
137 9.7 9.1 13.7
54 6.6 6.2 9.4
68 2.3 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 83.95 ng

RT: 9.366 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BG047878.D

Acq: 6 Jan 2021 16:21

Instrument :

BNA_G

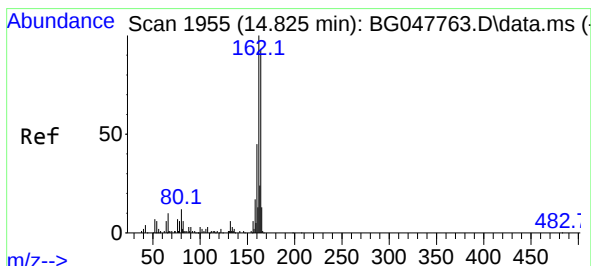
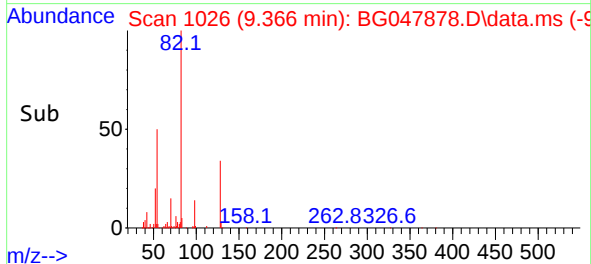
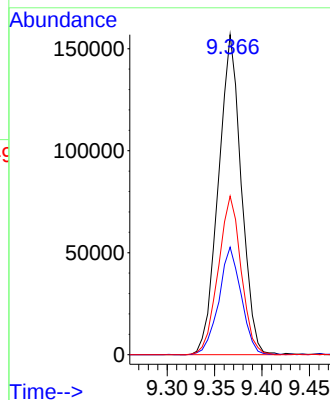
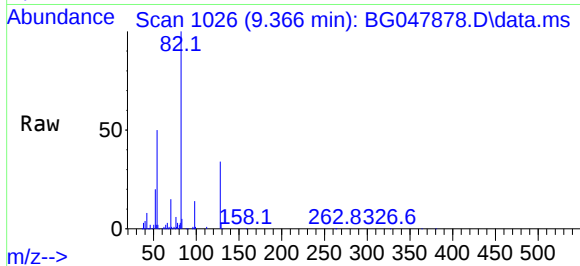
ClientSampleId :

PB133938BL

Tgt Ion: 82 Resp: 263133

Ion Ratio Lower Upper

82	100		
128	33.6	37.0	55.6#
54	49.6	39.0	58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.819 min Scan# 1954

Delta R.T. -0.006 min

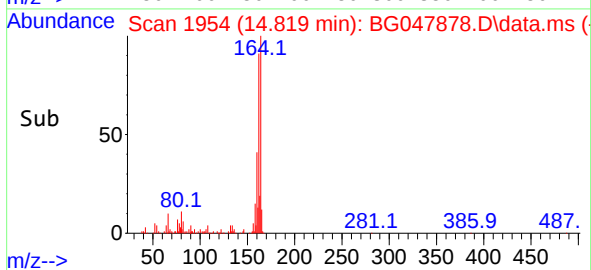
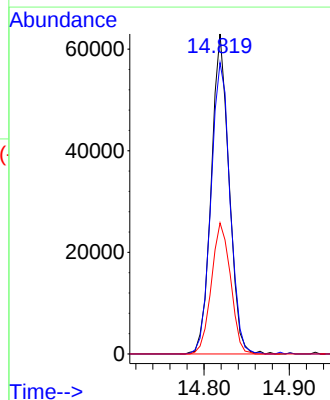
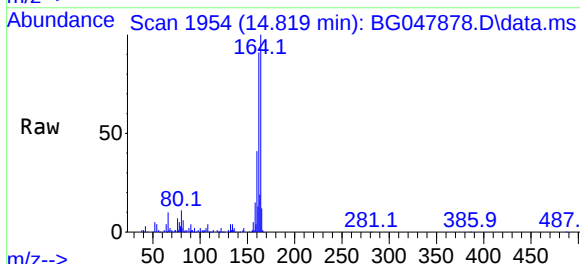
Lab File: BG047878.D

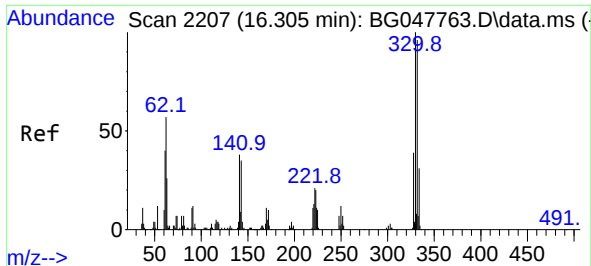
Acq: 6 Jan 2021 16:21

Tgt Ion: 164 Resp: 91338

Ion Ratio Lower Upper

164	100		
162	91.1	82.3	123.5
160	41.0	35.3	52.9

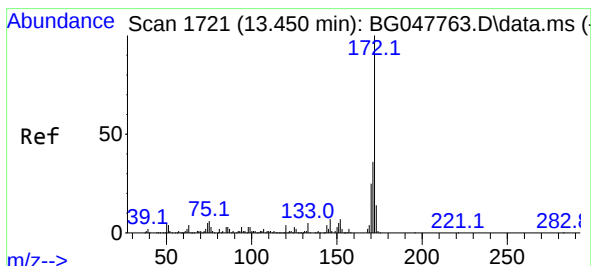
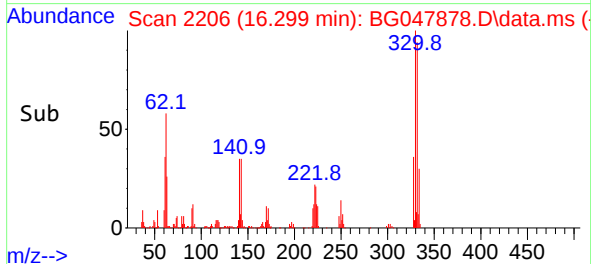
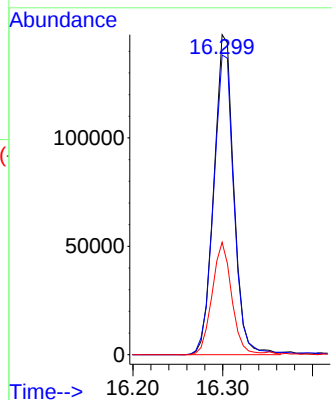
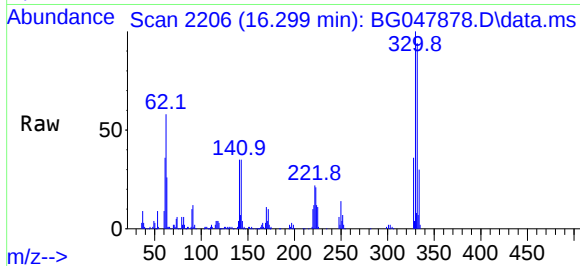




#42
2,4,6-Tribromophenol
Concen: 145.81 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

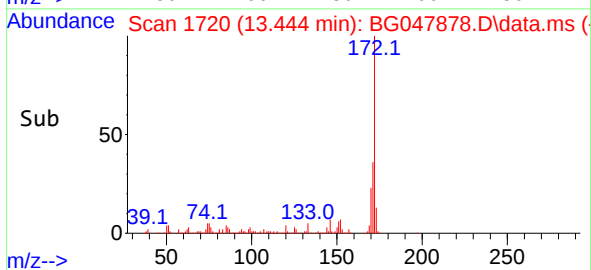
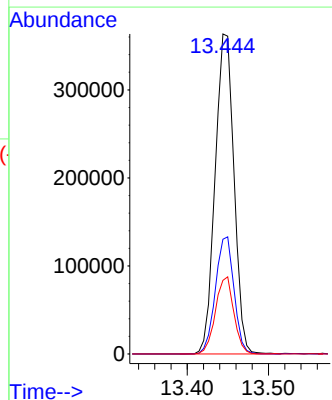
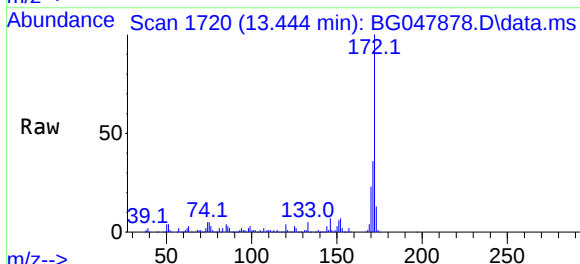
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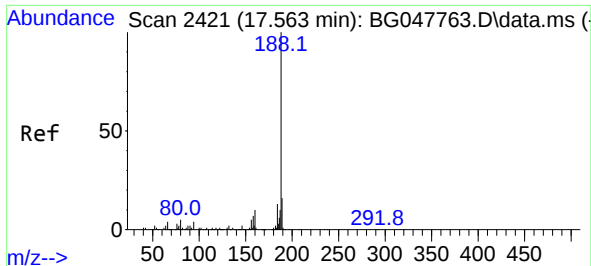
Tgt Ion:330 Resp: 227361
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 35.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 83.22 ng
RT: 13.444 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:172 Resp: 587379
Ion Ratio Lower Upper
172 100
171 35.9 31.3 46.9
170 23.0 20.8 31.2

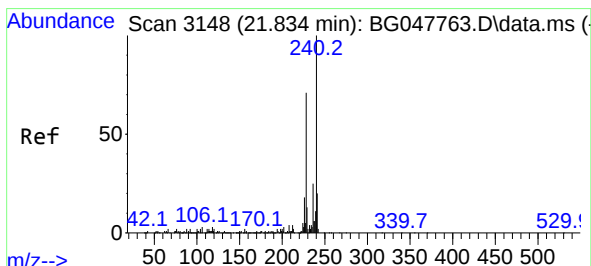
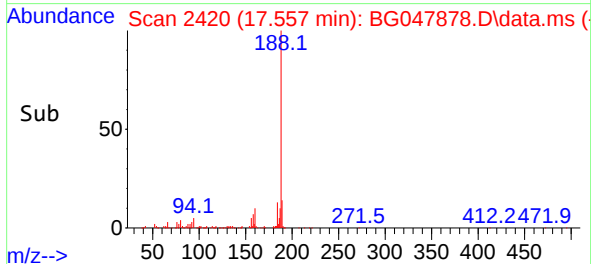
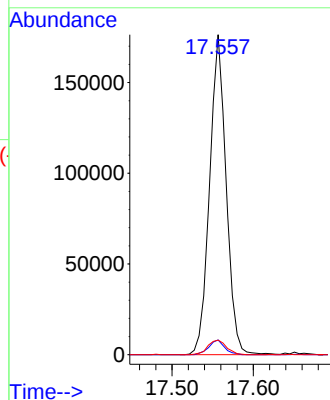
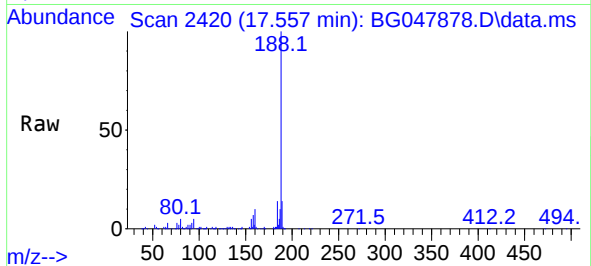




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

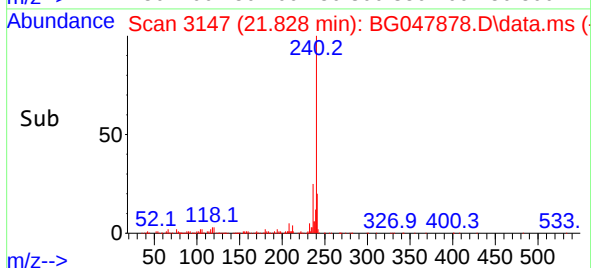
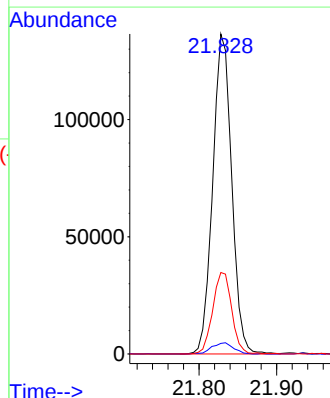
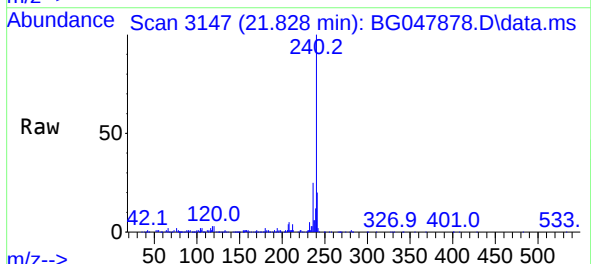
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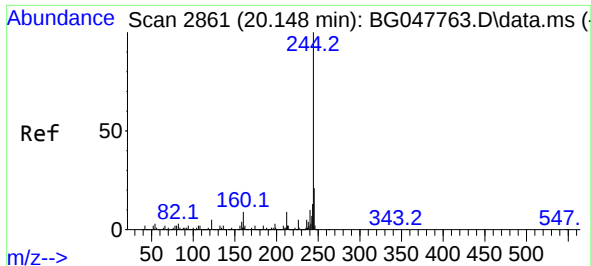
Tgt Ion:188 Resp: 249057
Ion Ratio Lower Upper
188 100
94 4.6 6.3 9.5#
80 4.6 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:240 Resp: 232419
Ion Ratio Lower Upper
240 100
120 3.3 6.2 9.4#
236 25.5 20.5 30.7

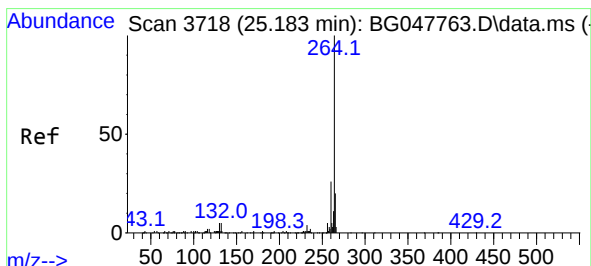
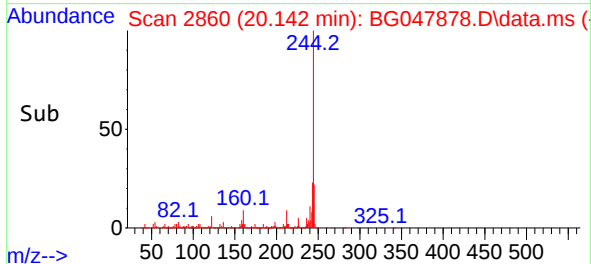
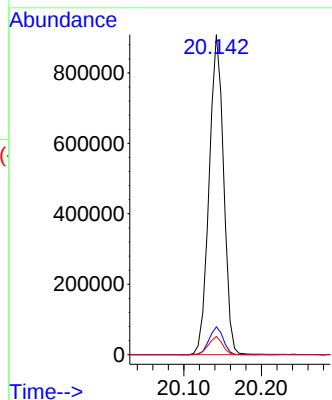
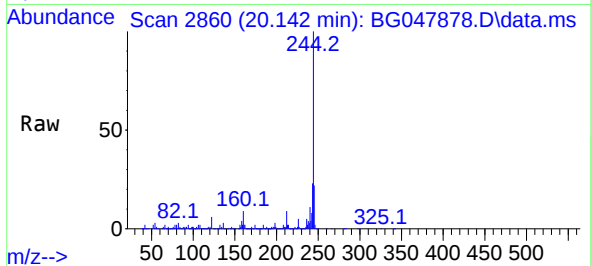




#79
Terphenyl-d14
Concen: 83.72 ng
RT: 20.142 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Instrument :
BNA_G
ClientSampleId :
PB133938BL

Tgt Ion:244 Resp: 1180865
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 5.7 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.171 min Scan# 3716
Delta R.T. -0.012 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:264 Resp: 229496
Ion Ratio Lower Upper
264 100
260 21.7 18.8 28.2
265 21.5 17.8 26.8

