

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048858.D
 Acq On : 23 Apr 2021 11:20
 Operator : CG/JU
 Sample : PB135921BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135921BL

Quant Time: Apr 23 12:57:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	20861	20.00	ng	0.00
21) Naphthalene-d8	10.878	136	91436	20.00	ng	-0.02
39) Acenaphthene-d10	14.714	164	62785	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	149514	20.00	ng	# 0.00
76) Chrysene-d12	21.765	240	145330	20.00	ng	#-0.02
86) Perylene-d12	25.085	264	139397	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.607	112	182810	146.57	ng	0.00
7) Phenol-d6	7.217	99	235312	133.38	ng	0.00
23) Nitrobenzene-d5	9.227	82	176005	86.18	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	96890	115.10	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	392061	90.18	ng	0.00
79) Terphenyl-d14	20.085	244	718169	85.05	ng	0.00

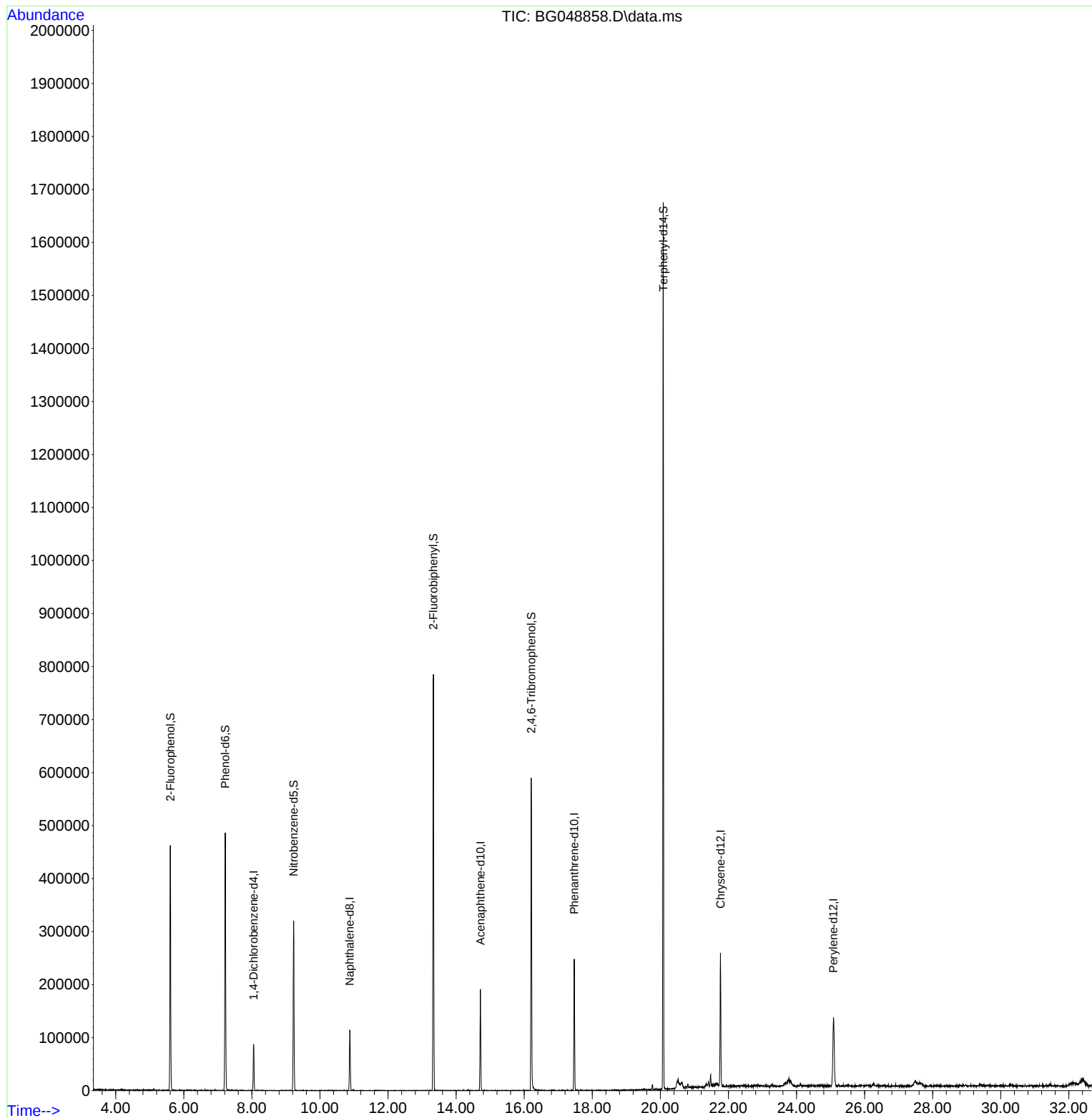
Target Compounds	Qvalue

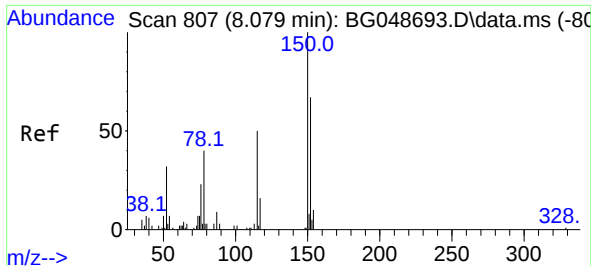
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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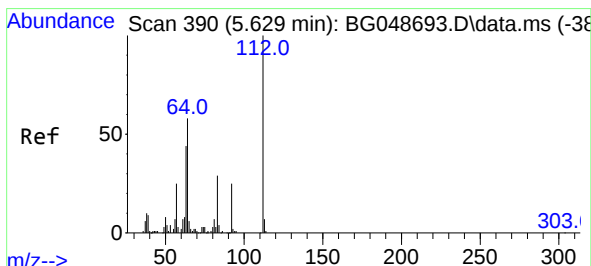
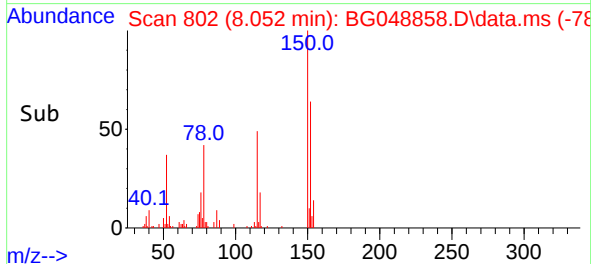
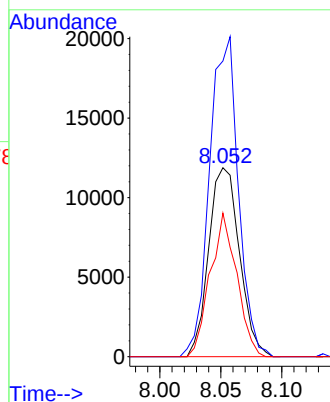
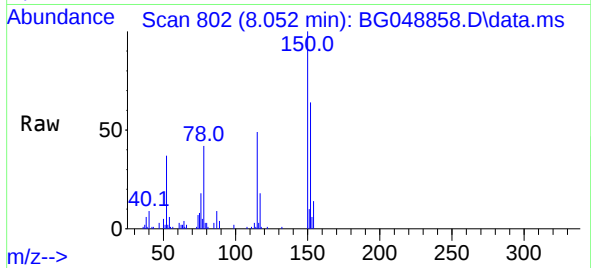




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.052 min Scan# 802
Delta R.T. -0.009 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

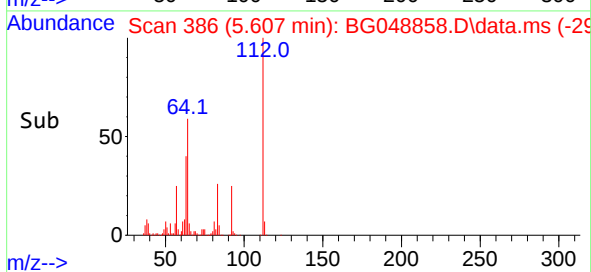
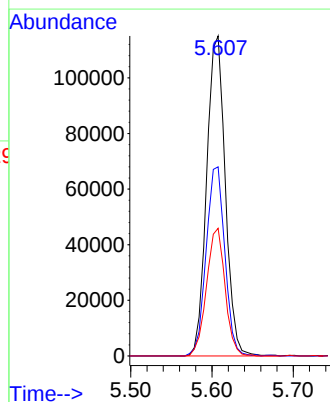
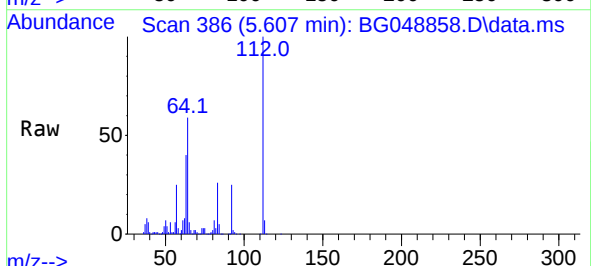
Instrument :
BNA_G
ClientSampleId :
PB135921BL

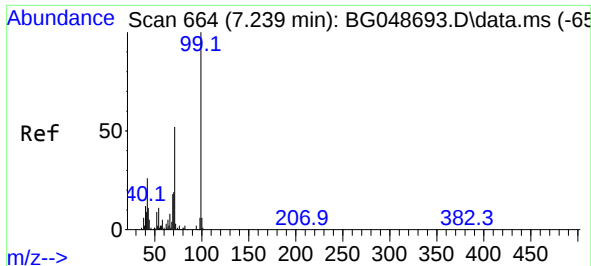
Tgt Ion:152 Resp: 20861
Ion Ratio Lower Upper
152 100
150 156.4 119.4 179.0
115 75.9 60.2 90.4



#5
2-Fluorophenol
Concen: 146.57 ng
RT: 5.607 min Scan# 386
Delta R.T. 0.002 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

Tgt Ion:112 Resp: 182810
Ion Ratio Lower Upper
112 100
64 59.1 46.7 70.1
63 39.9 35.3 52.9

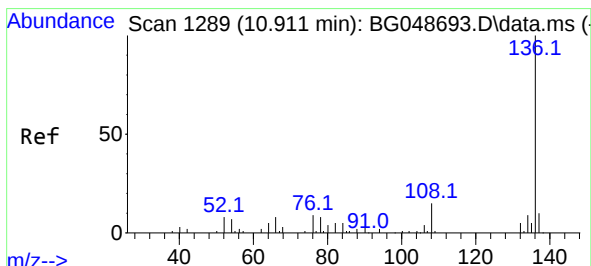
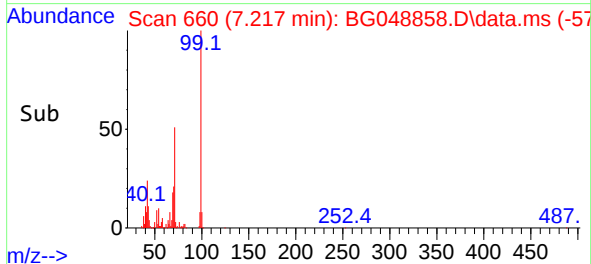
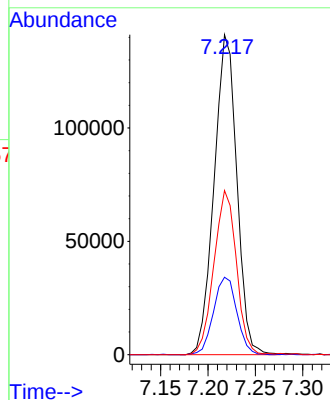
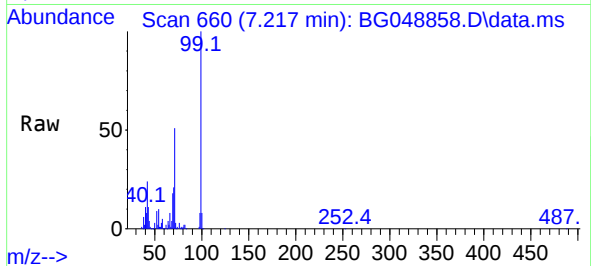




#7
Phenol-d6
Concen: 133.38 ng
RT: 7.217 min Scan# 660
Delta R.T. -0.004 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

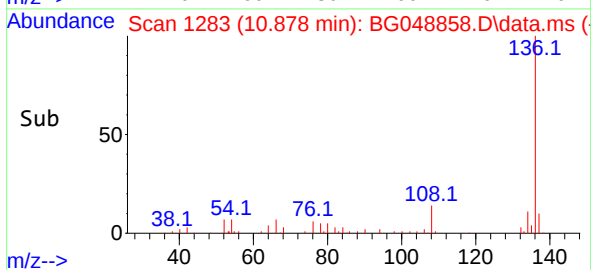
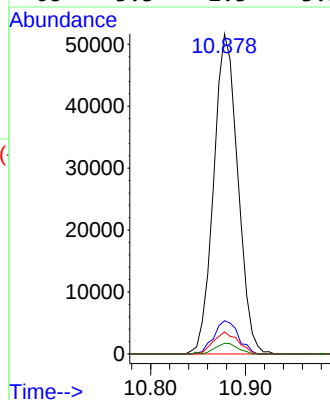
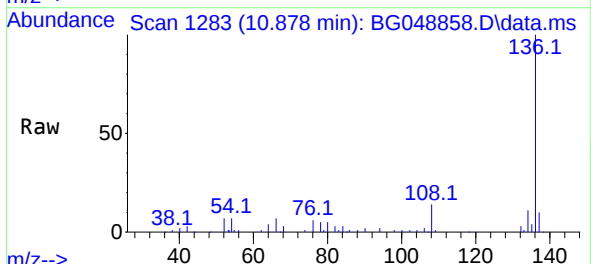
Instrument :
BNA_G
ClientSampleId :
PB135921BL

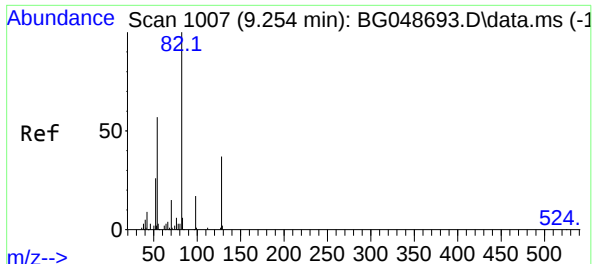
Tgt Ion: 99 Resp: 235312
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 51.3 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.878 min Scan# 1283
Delta R.T. -0.015 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

Tgt Ion:136 Resp: 91436
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 6.9 5.5 8.3
68 3.3 2.3 3.5

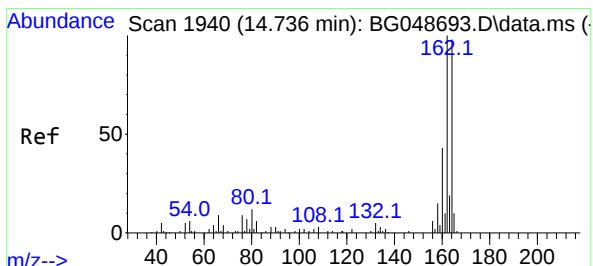
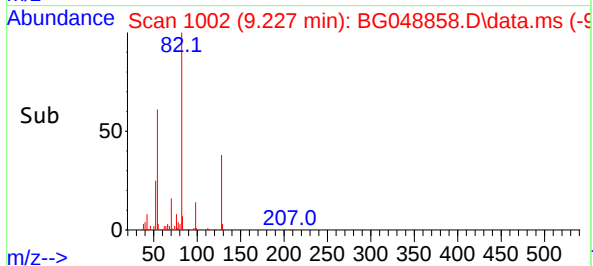
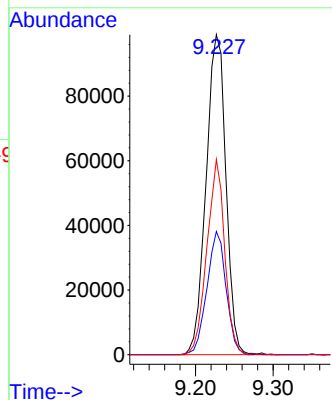
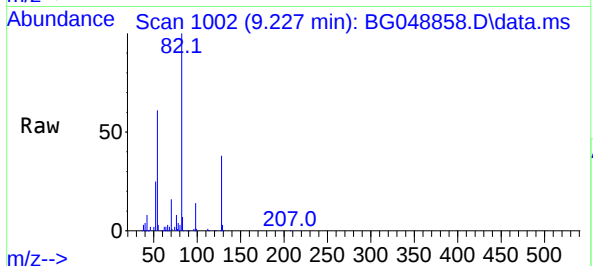




#23
Nitrobenzene-d5
Concen: 86.18 ng
RT: 9.227 min Scan# 1002
Delta R.T. -0.010 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

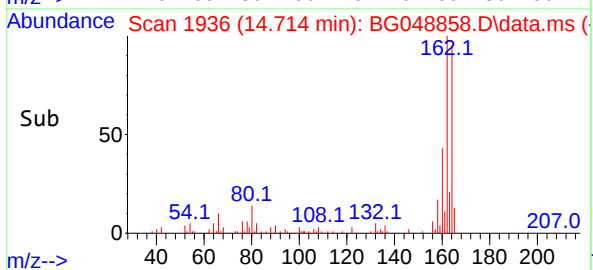
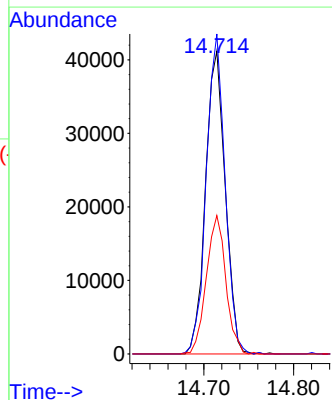
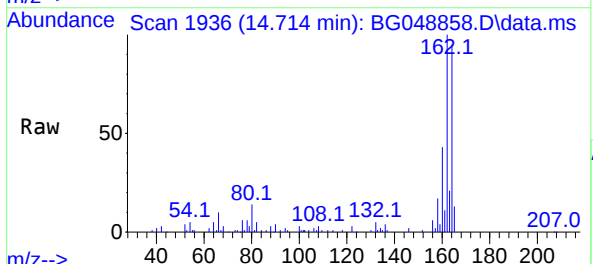
Instrument :
BNA_G
ClientSampleId :
PB135921BL

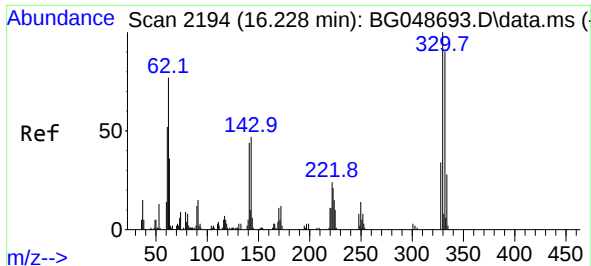
Tgt Ion: 82 Resp: 176005
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 61.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.714 min Scan# 1936
Delta R.T. -0.010 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

Tgt Ion:164 Resp: 62785
Ion Ratio Lower Upper
164 100
162 105.7 81.4 122.0
160 45.7 34.9 52.3

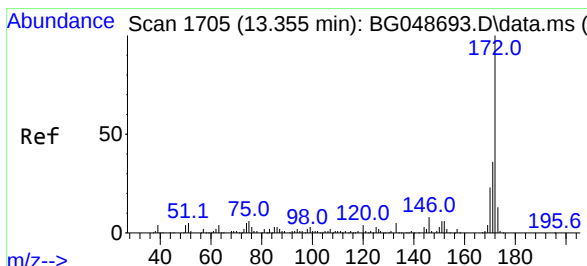
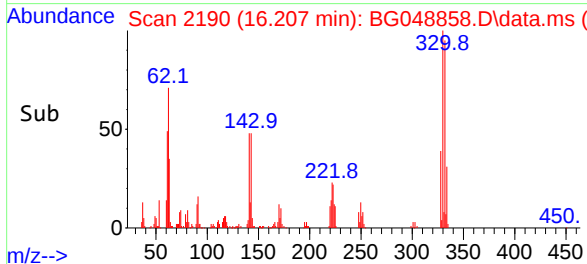
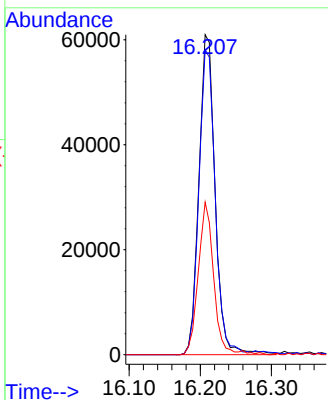
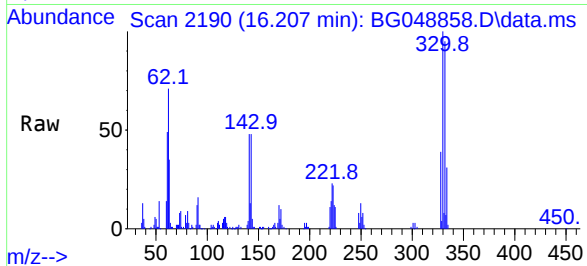




#42
2,4,6-Tribromophenol
Concen: 115.10 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.010 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

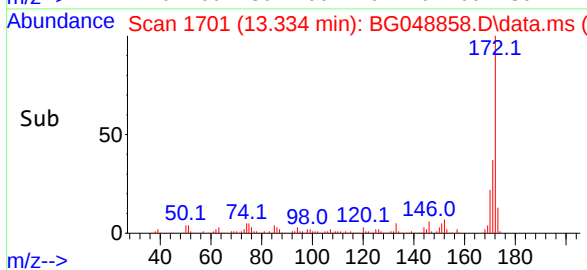
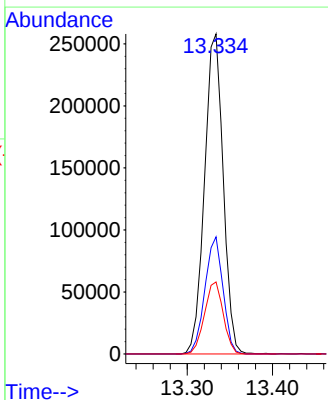
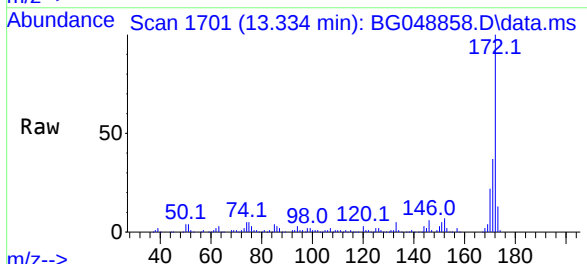
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ClientSampleId :
PB135921BL

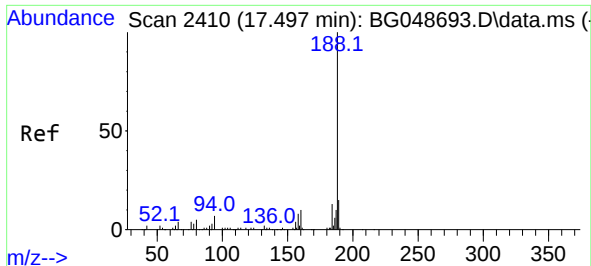
Tgt Ion:330 Resp: 96890
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 45.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 90.18 ng
RT: 13.334 min Scan# 1701
Delta R.T. -0.010 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

Tgt Ion:172 Resp: 392061
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 22.5 18.6 27.8

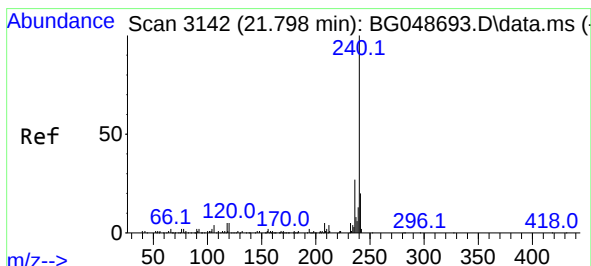
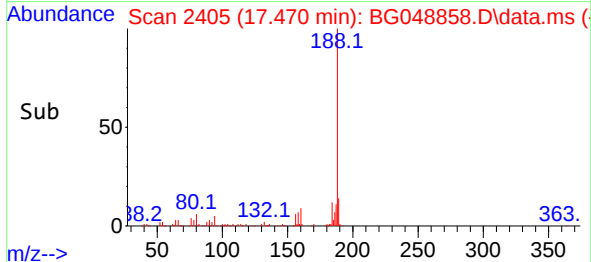
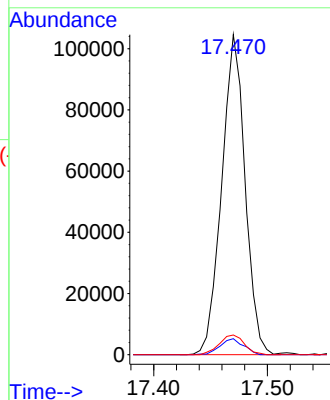
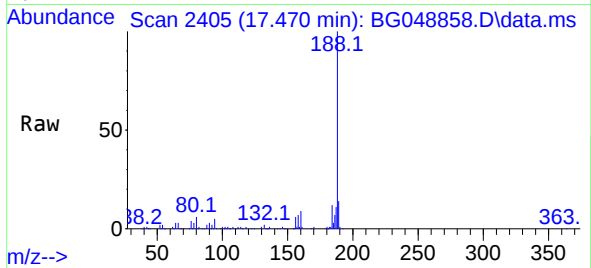




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.470 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

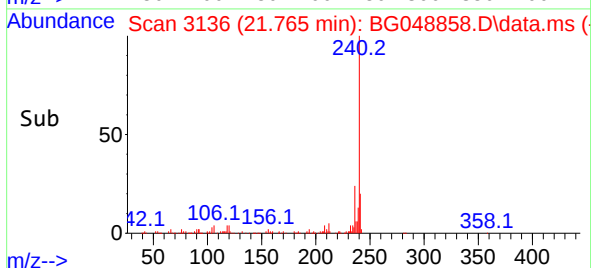
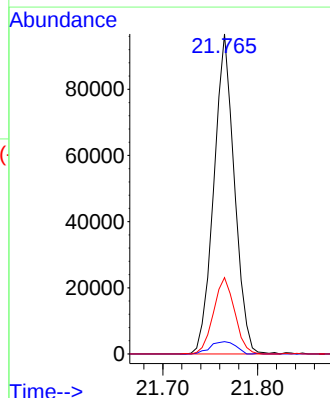
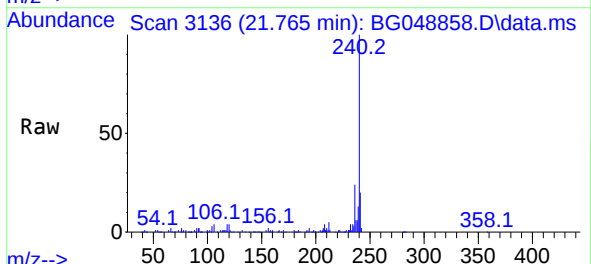
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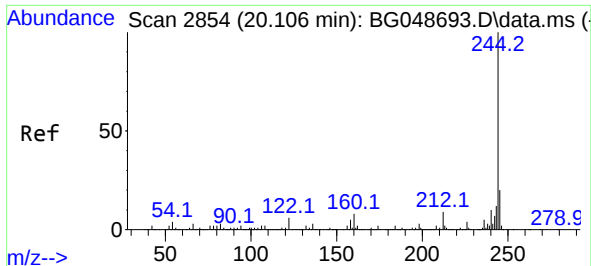
Tgt Ion:188 Resp: 149514
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.015 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

Tgt Ion:240 Resp: 145330
Ion Ratio Lower Upper
240 100
120 3.8 4.2 6.2#
236 23.9 21.8 32.6

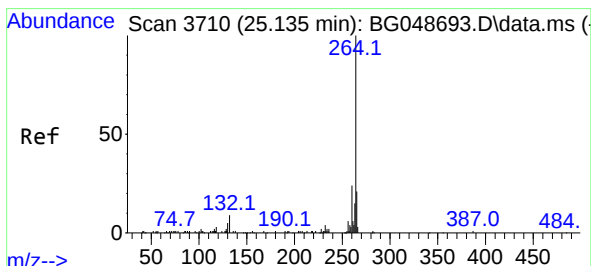
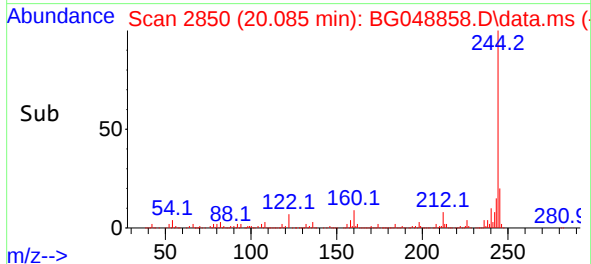
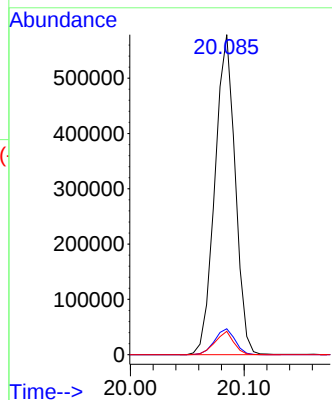
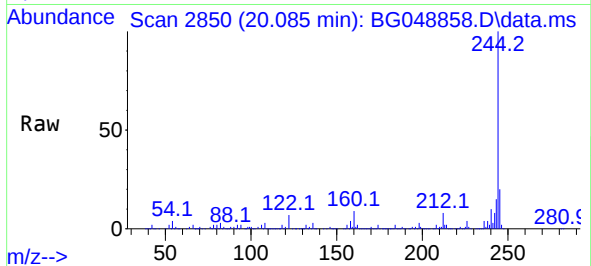




#79
Terphenyl-d14
Concen: 85.05 ng
RT: 20.085 min Scan# 2850
Delta R.T. -0.010 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
PB135921BL

Tgt Ion:244 Resp: 718169
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 7.3 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.085 min Scan# 3701
Delta R.T. -0.027 min
Lab File: BG048858.D
Acq: 23 Apr 2021 11:20

Tgt Ion:264 Resp: 139397
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 23.8 16.9 25.3

