

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046865.D
 Acq On : 13 Oct 2020 6:30
 Operator : CG/JU
 Sample : L4311-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B10-100720-0-10

Quant Time: Oct 13 08:15:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

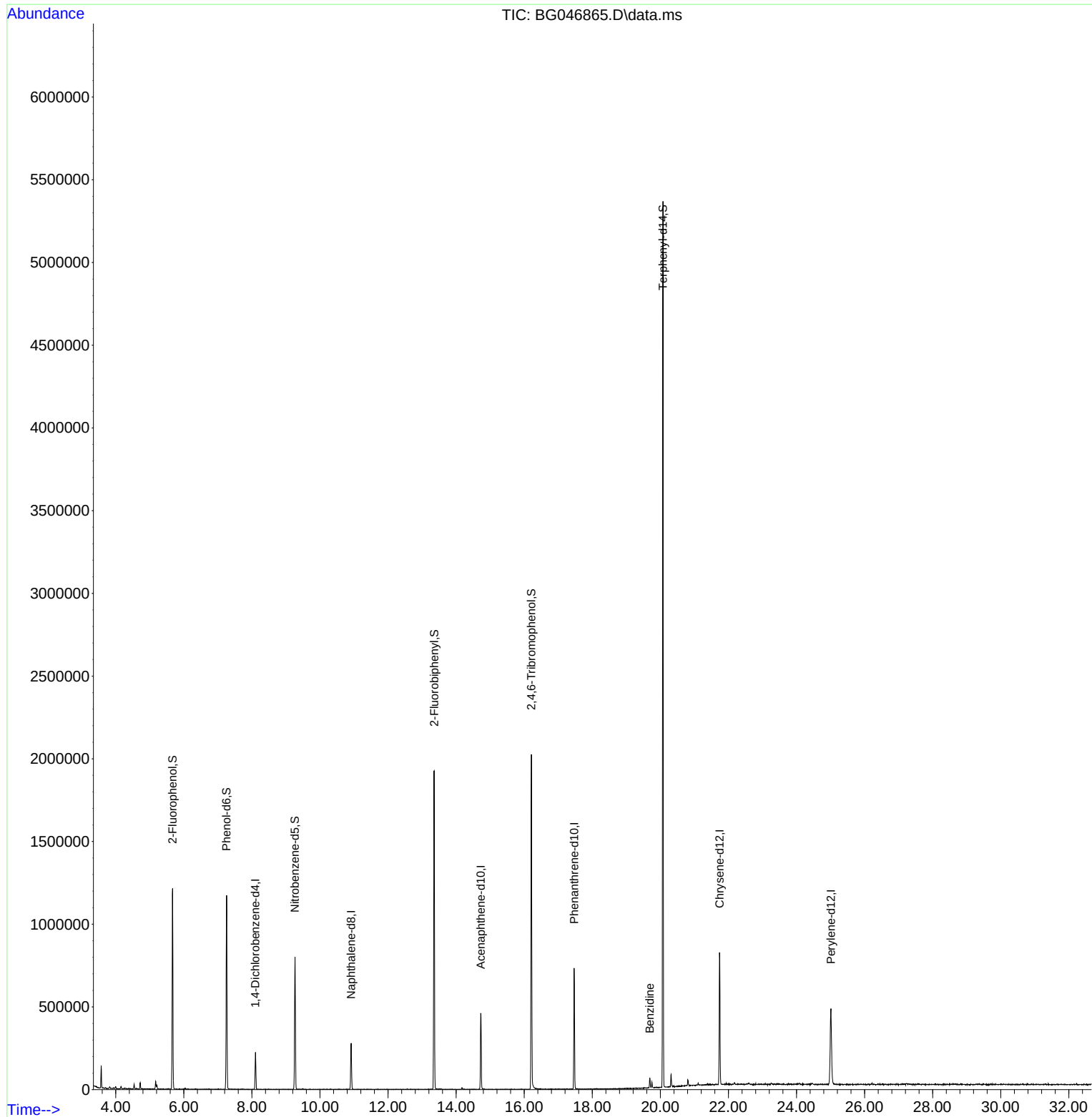
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	61076	20.00	ng	0.00
21) Naphthalene-d8	10.916	136	232380	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	165597	20.00	ng	-0.01
64) Phenanthrene-d10	17.467	188	463163	20.00	ng	#-0.01
76) Chrysene-d12	21.739	240	514360	20.00	ng	#-0.02
86) Perylene-d12	25.012	264	503728	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	493131	129.35	ng	0.00
7) Phenol-d6	7.256	99	629279	117.02	ng	0.00
23) Nitrobenzene-d5	9.265	82	464586	106.36	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	409036	187.33	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	1044433	89.29	ng	0.00
79) Terphenyl-d14	20.076	244	2202152	85.81	ng	0.00
Target Compounds						
77) Benzdine	19.688	184	41217	2.60	ng	Qvalue 98

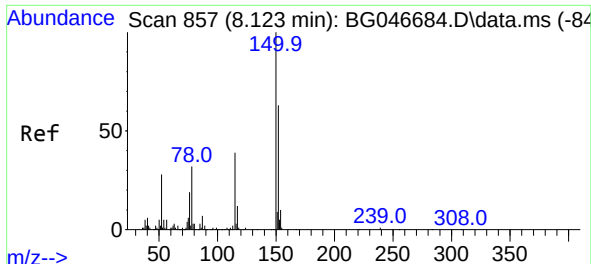
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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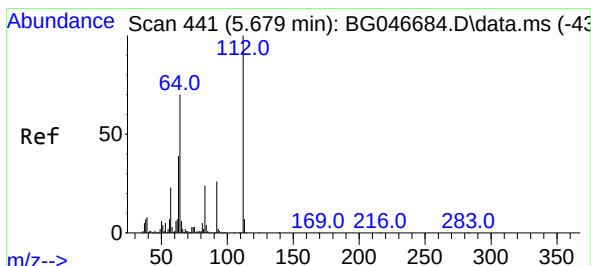
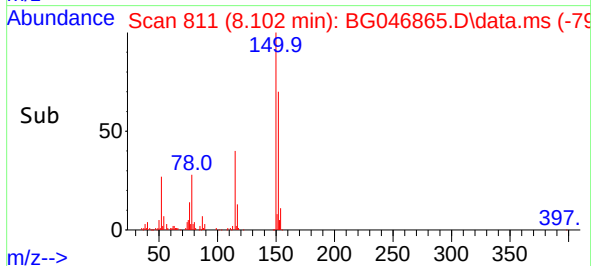
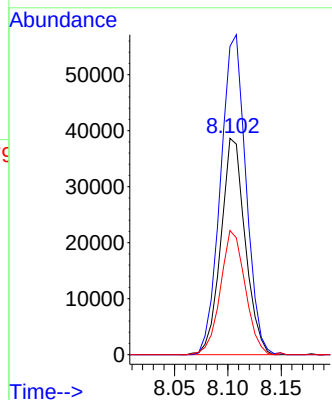
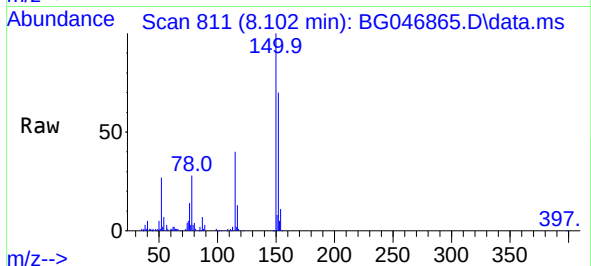




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

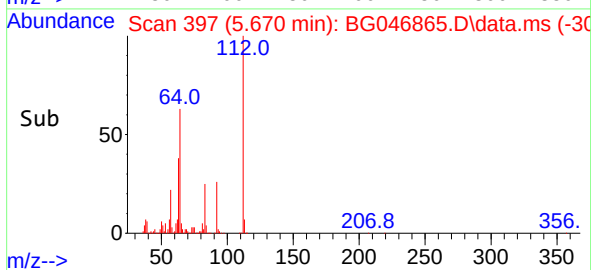
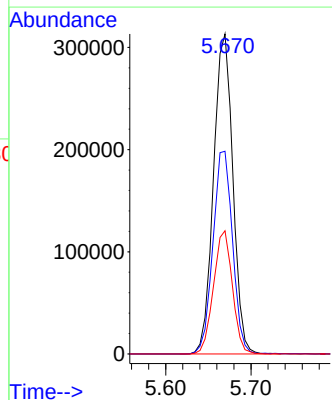
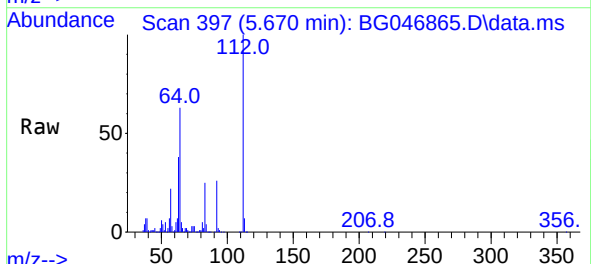
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

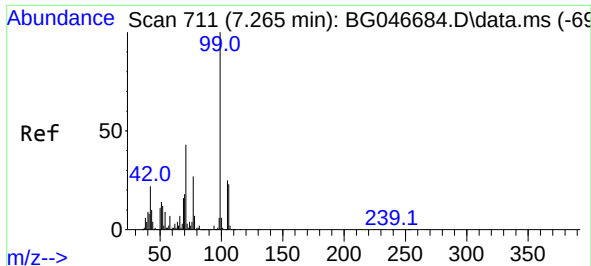
Tgt Ion:152 Resp: 61076
Ion Ratio Lower Upper
152 100
150 142.5 125.0 187.6
115 57.4 41.8 62.6



#5
2-Fluorophenol
Concen: 129.35 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion:112 Resp: 493131
Ion Ratio Lower Upper
112 100
64 63.3 46.7 70.1
63 38.5 22.8 34.2#

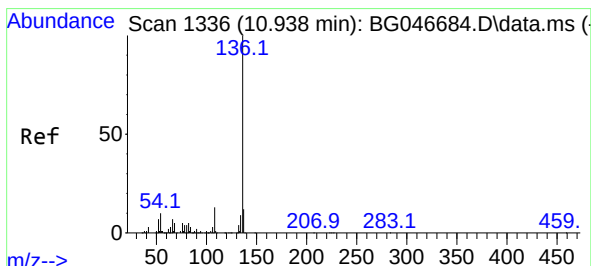
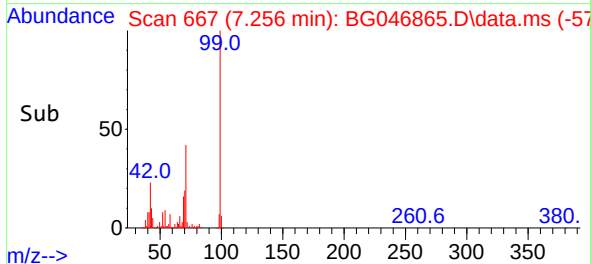
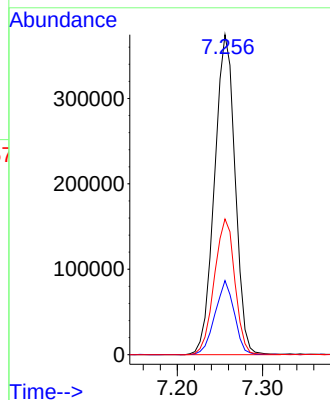
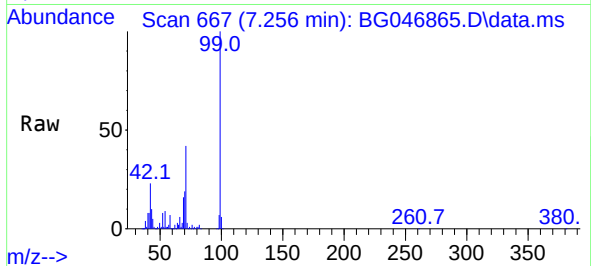




#7
Phenol-d6
Concen: 117.02 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

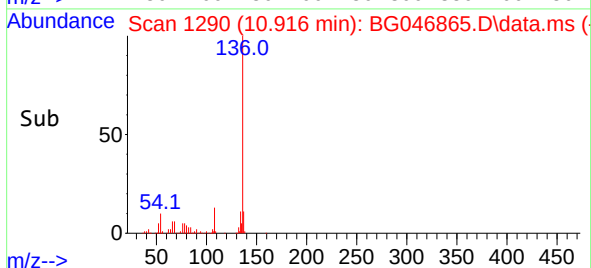
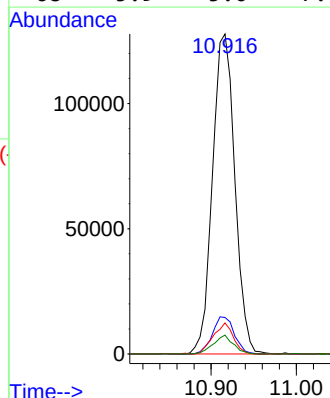
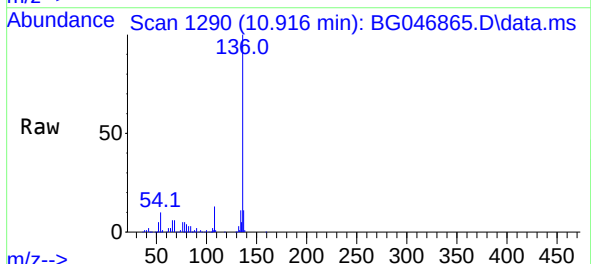
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

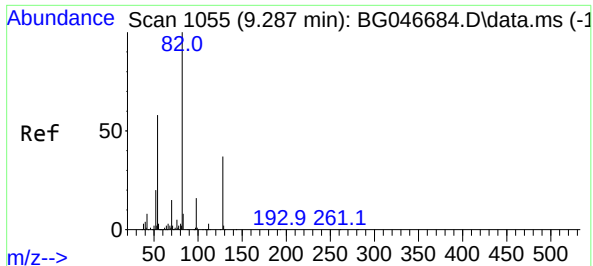
Tgt Ion: 99 Resp: 629279
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 42.4 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion: 136 Resp: 232380
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.7 6.2 9.4#
68 5.9 5.0 7.4

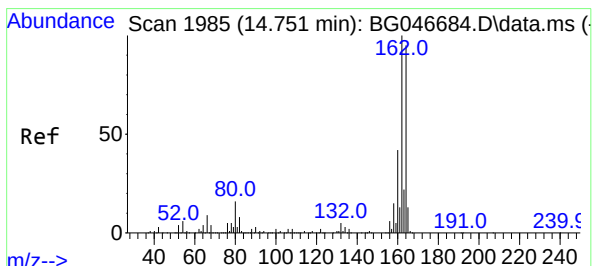
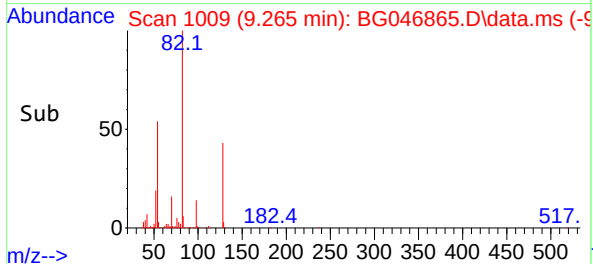
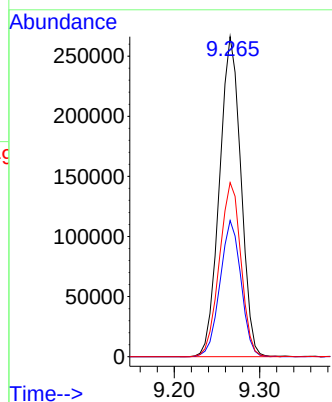
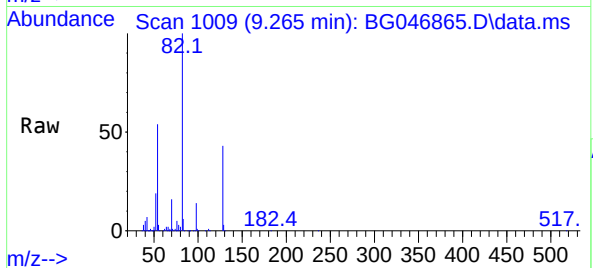




#23
Nitrobenzene-d5
Concen: 106.36 ng
RT: 9.265 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

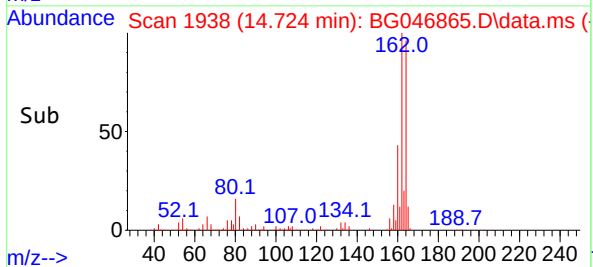
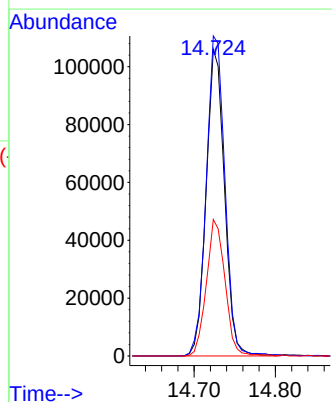
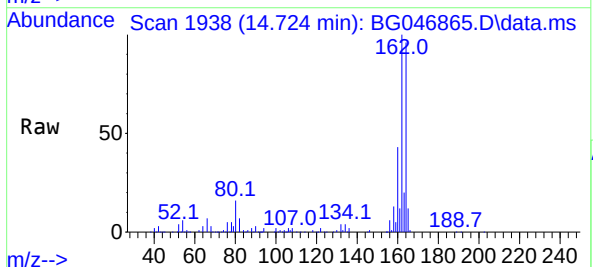
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

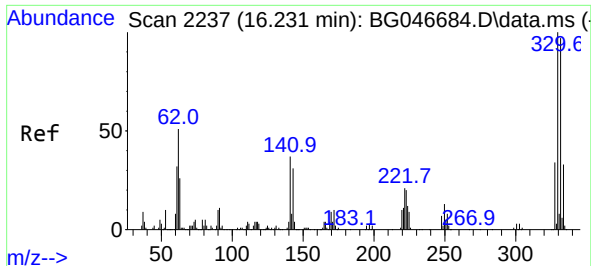
Tgt Ion: 82 Resp: 464586
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.6
54 54.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

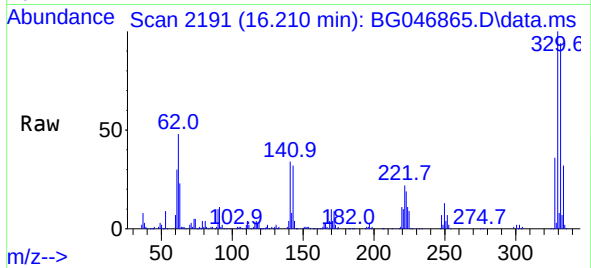
Tgt Ion:164 Resp: 165597
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 44.5 35.3 52.9



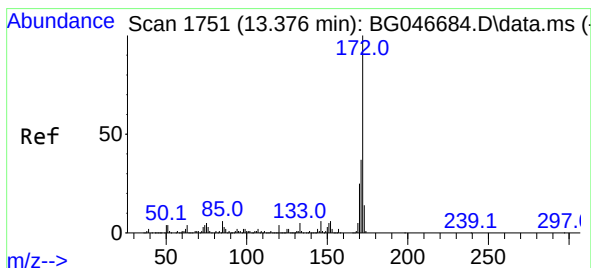
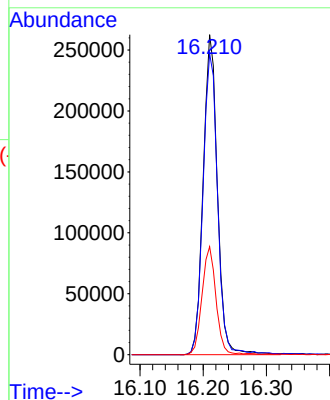
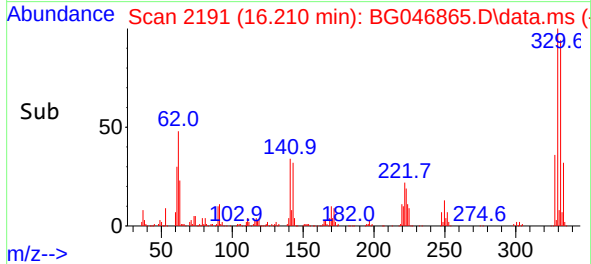


#42
2,4,6-Tribromophenol
Concen: 187.33 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

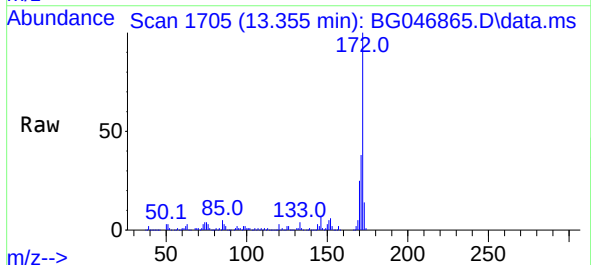
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10



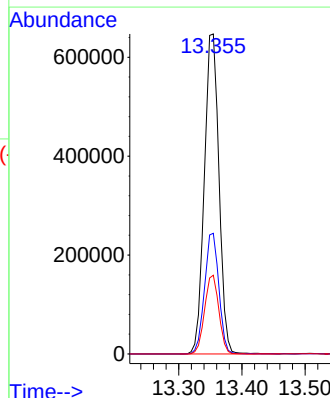
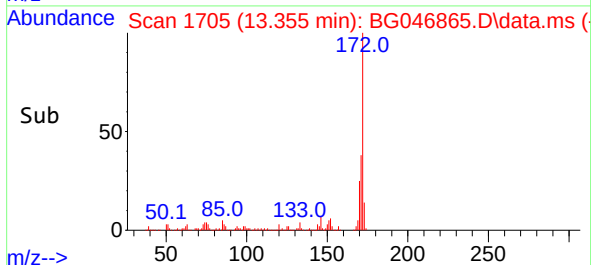
Tgt Ion:330 Resp: 409036
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 33.3 26.0 39.0

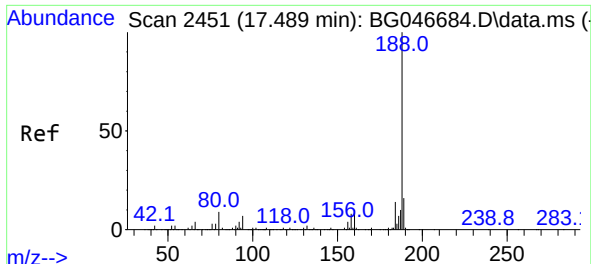


#45
2-Fluorobiphenyl
Concen: 89.29 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30



Tgt Ion:172 Resp: 1044433
Ion Ratio Lower Upper
172 100
171 37.7 31.3 46.9
170 24.6 20.8 31.2

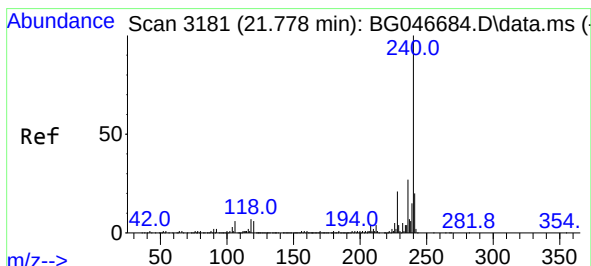
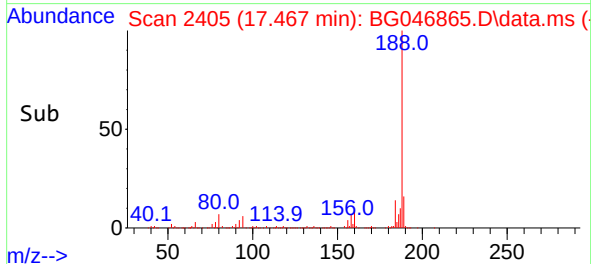
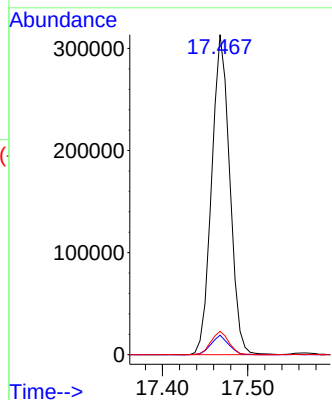
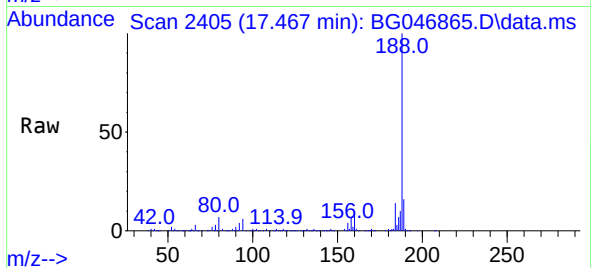




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.467 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

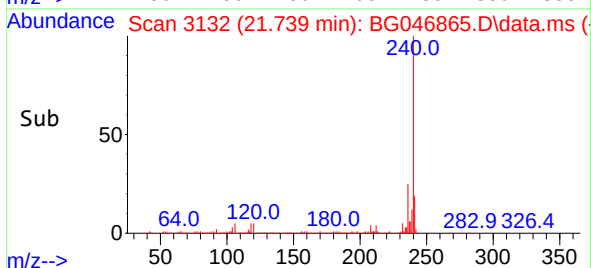
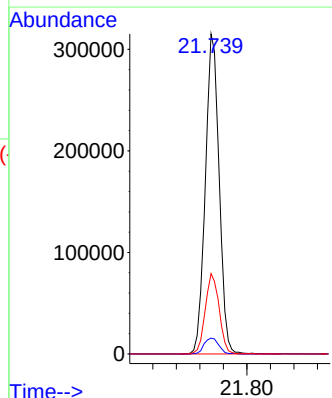
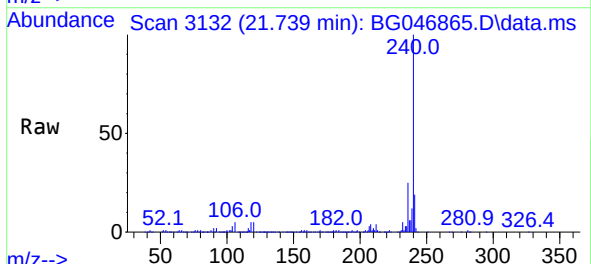
Instrument :
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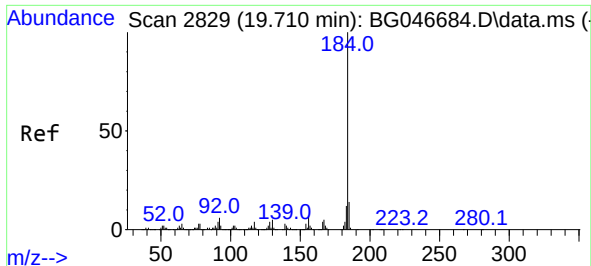
Tgt Ion:188 Resp: 463163
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 7.3 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.739 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion:240 Resp: 514360
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.1 20.5 30.7

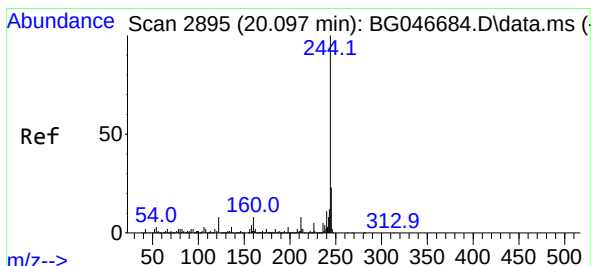
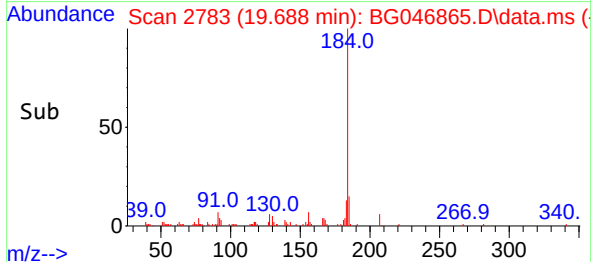
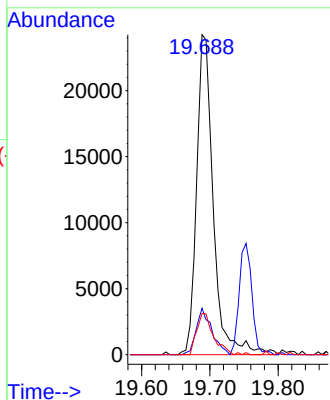
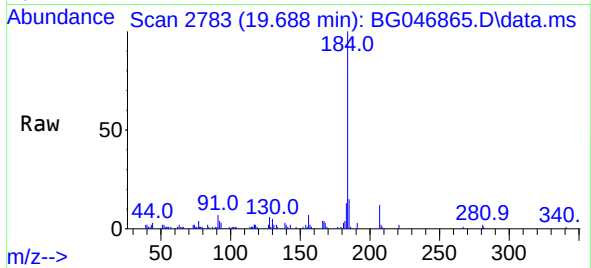




#77
Benzidine
Concen: 2.60 ng
RT: 19.688 min Scan# 2783
Delta R.T. -0.012 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

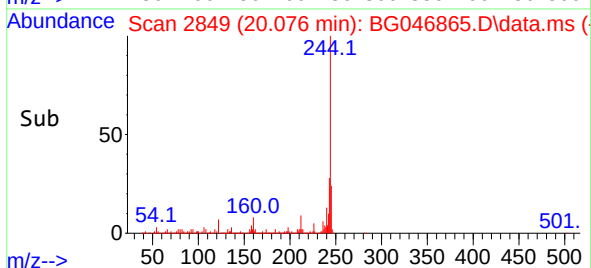
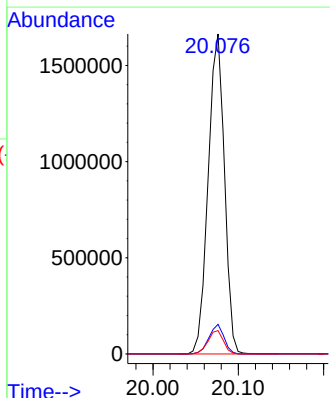
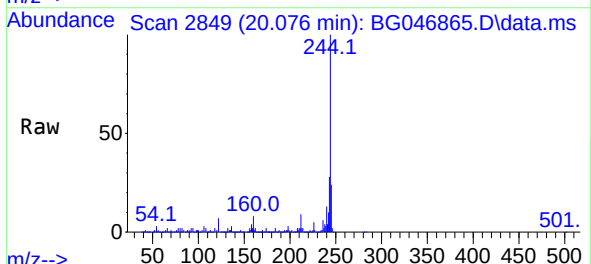
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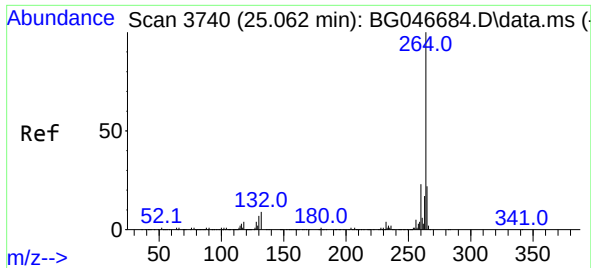
Tgt Ion:184 Resp: 41217
Ion Ratio Lower Upper
184 100
185 14.5 12.4 18.6
183 12.9 10.6 15.8



#79
Terphenyl-d14
Concen: 85.81 ng
RT: 20.076 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

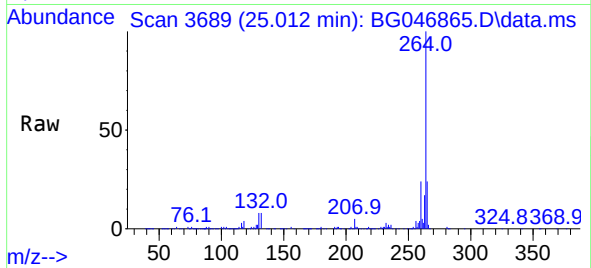
Tgt Ion:244 Resp: 2202152
Ion Ratio Lower Upper
244 100
212 9.2 6.7 10.1
122 7.3 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.012 min Scan# 3689
Delta R.T. -0.018 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10



Tgt Ion:264 Resp: 503728
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 23.6 17.8 26.8

