

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046842.D
 Acq On : 12 Oct 2020 10:37
 Operator : CG/JU
 Sample : PB132277BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132277BL

Quant Time: Oct 12 12:42:13 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	8.103	152	61230	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	238092	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	167884	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	431593	20.00	ng	-0.01
76) Chrysene-d12	21.740	240	518909	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	507010	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	506880	132.62	ng	0.00
7) Phenol-d6	7.257	99	641404	118.97	ng	0.00
23) Nitrobenzene-d5	9.267	82	458666	102.49	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	319714	144.43	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	1065029	89.81	ng	0.00
79) Terphenyl-d14	20.072	244	2076509	80.20	ng	-0.01

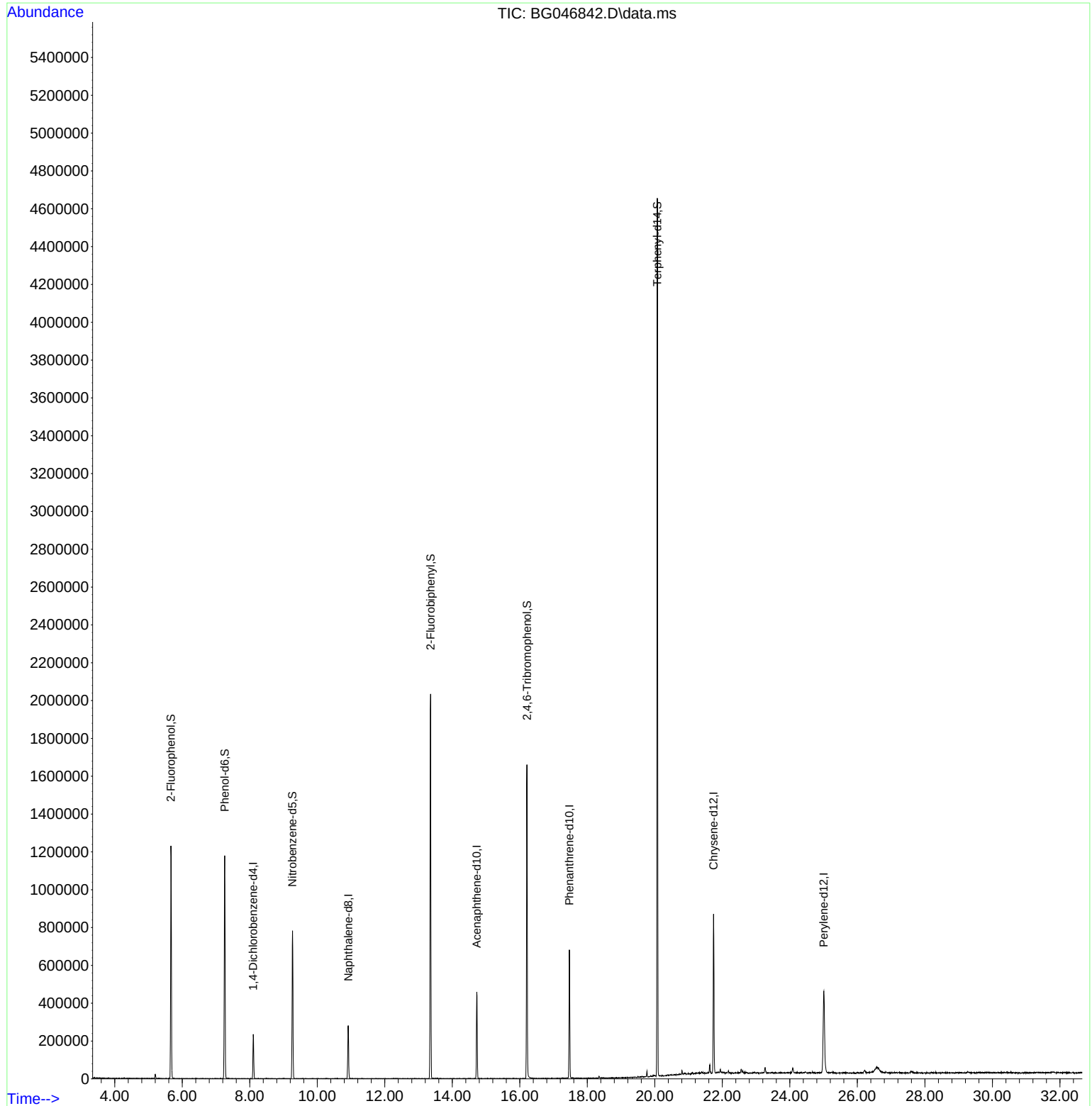
Target Compounds	Qvalue

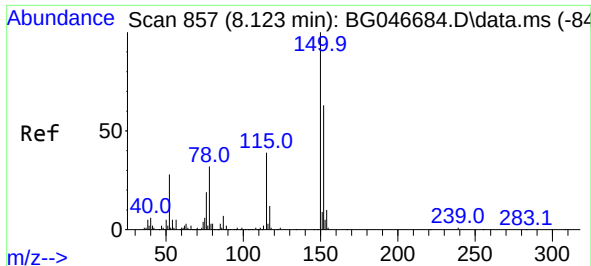
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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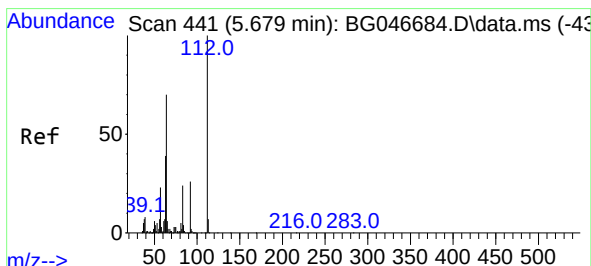
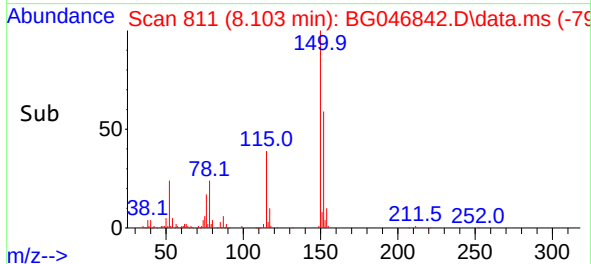
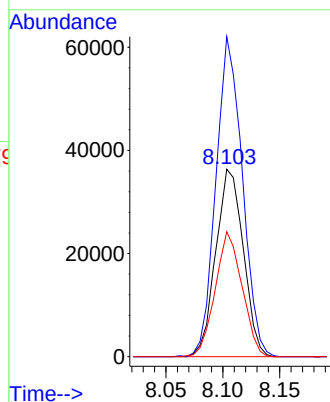
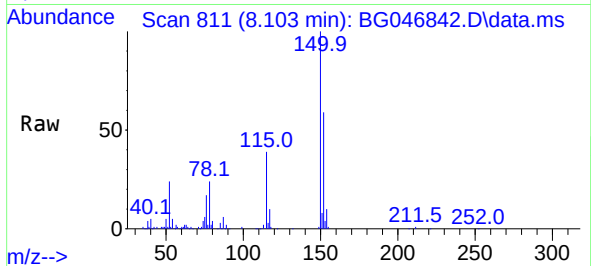




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

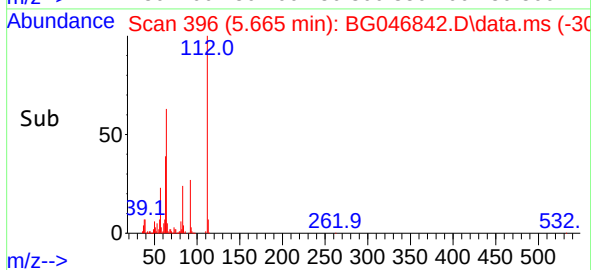
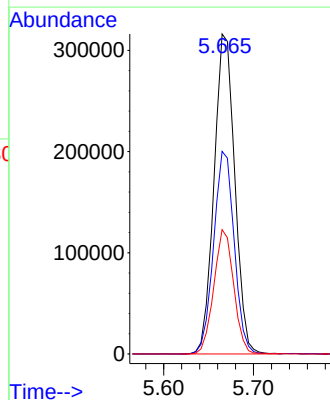
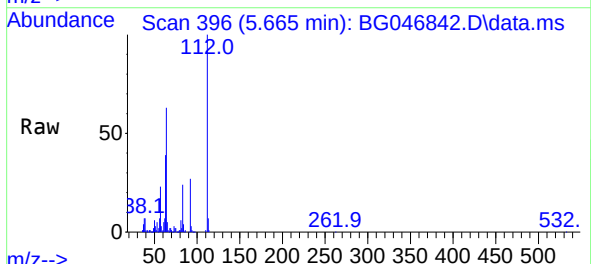
Instrument :
BNA_G
ClientSampleId :
PB132277BL

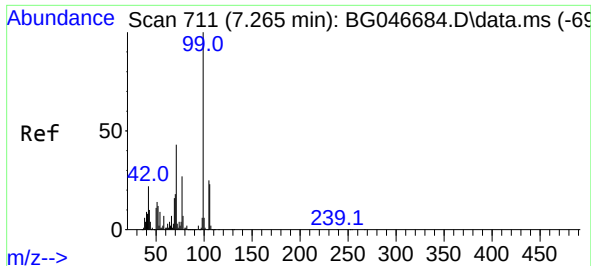
Tgt Ion:152 Resp: 61230
Ion Ratio Lower Upper
152 100
150 170.6 125.0 187.6
115 66.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 132.62 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:112 Resp: 506880
Ion Ratio Lower Upper
112 100
64 63.3 46.7 70.1
63 38.8 22.8 34.2#



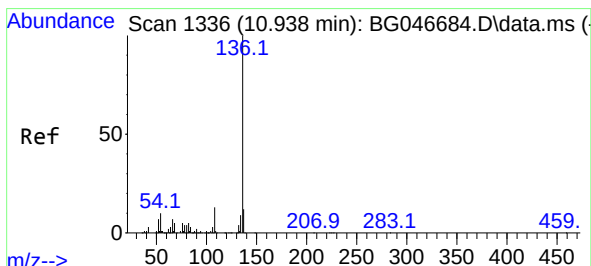
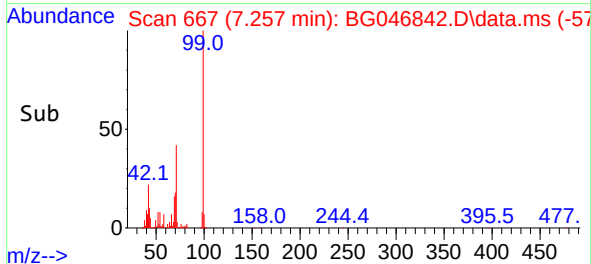
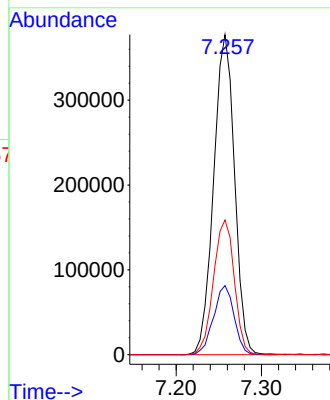
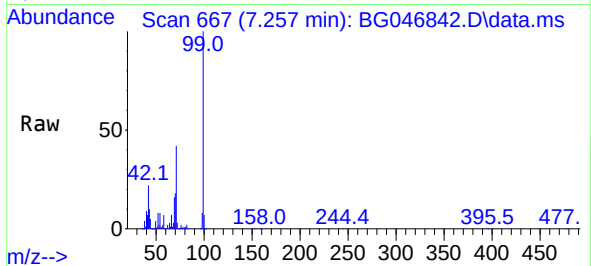


#7
Phenol-d6
Concen: 118.97 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB132277BL

Tgt Ion: 99 Resp: 641404

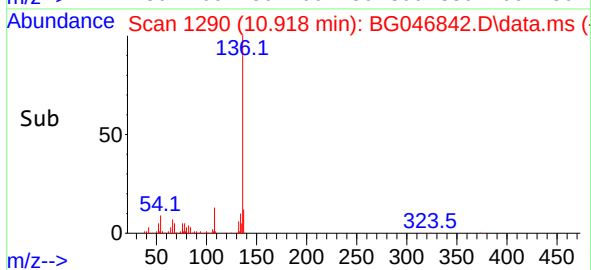
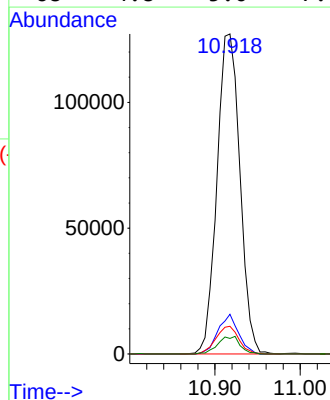
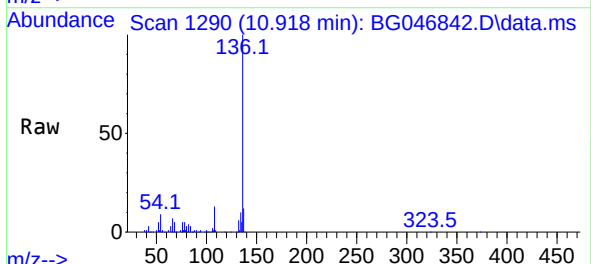
Ion	Ratio	Lower	Upper
99	100		
42	21.6	12.8	19.2#
71	42.1	24.6	36.8#

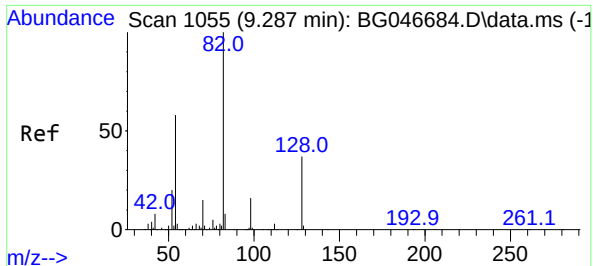


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion: 136 Resp: 238092

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.1	13.7
54	8.7	6.2	9.4
68	4.8	5.0	7.4#

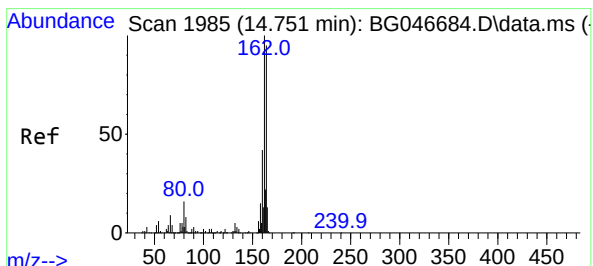
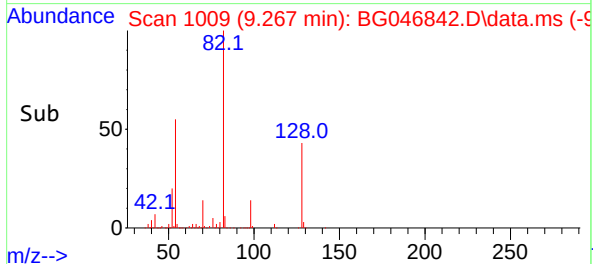
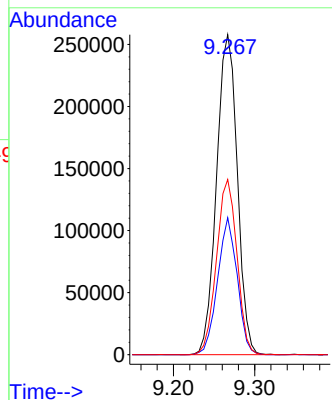
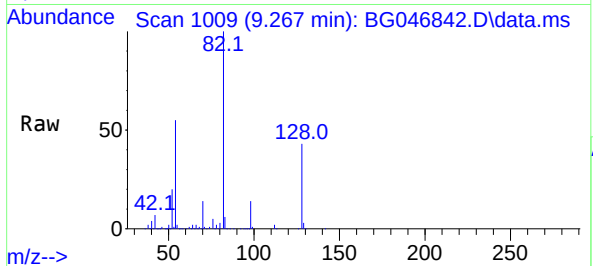




#23
Nitrobenzene-d5
Concen: 102.49 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

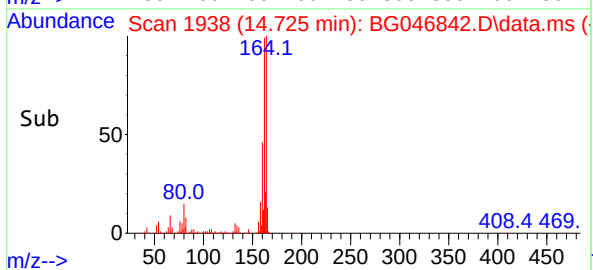
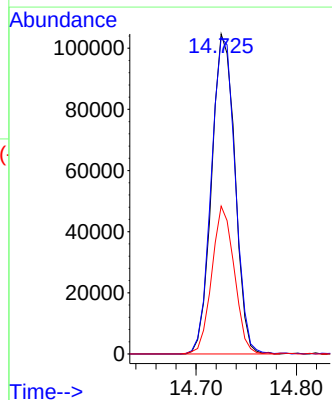
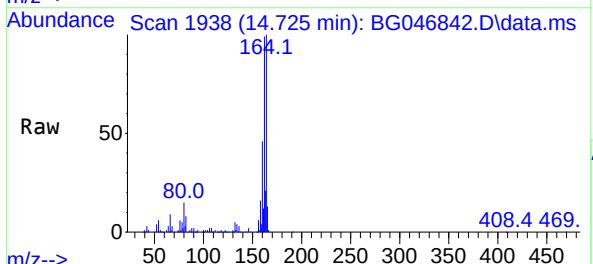
Instrument :
BNA_G
ClientSampleId :
PB132277BL

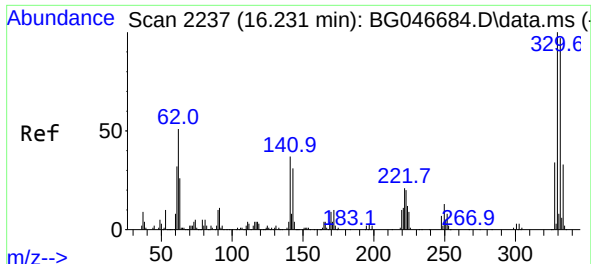
Tgt Ion: 82 Resp: 458666
Ion Ratio Lower Upper
82 100
128 42.8 37.0 55.6
54 54.7 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

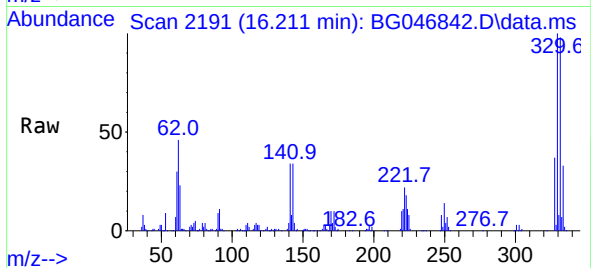
Tgt Ion:164 Resp: 167884
Ion Ratio Lower Upper
164 100
162 98.9 82.3 123.5
160 46.2 35.3 52.9



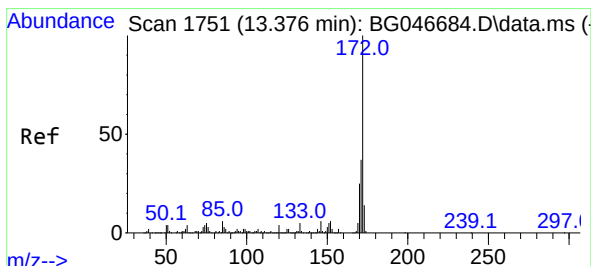
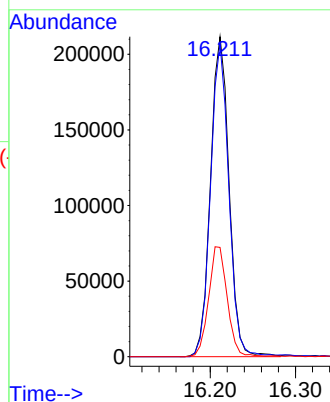
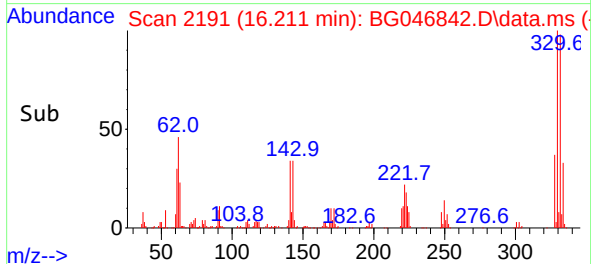


#42
2,4,6-Tribromophenol
Concen: 144.43 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

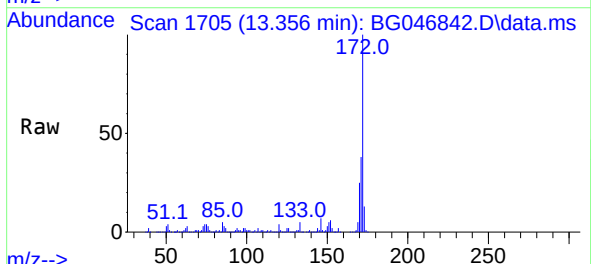
Instrument :
BNA_G
ClientSampleId :
PB132277BL



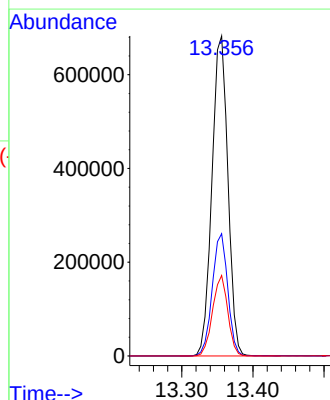
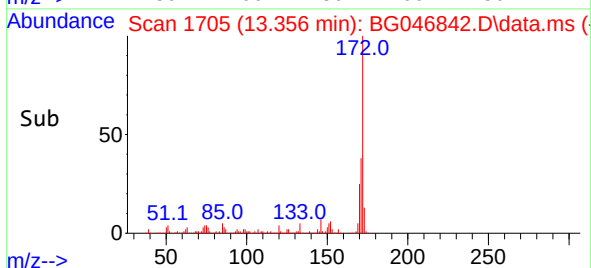
Tgt Ion:330 Resp: 319714
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 34.6 26.0 39.0

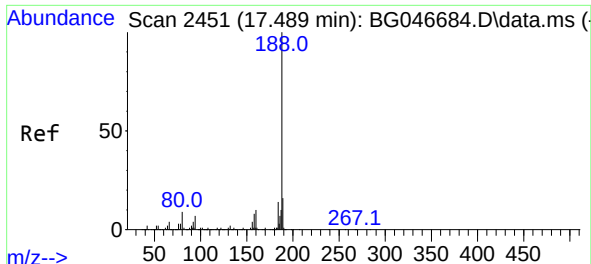


#45
2-Fluorobiphenyl
Concen: 89.81 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37



Tgt Ion:172 Resp: 1065029
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 25.2 20.8 31.2

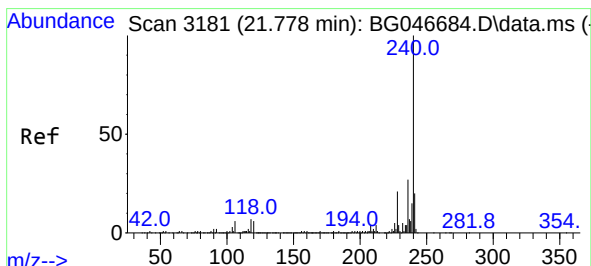
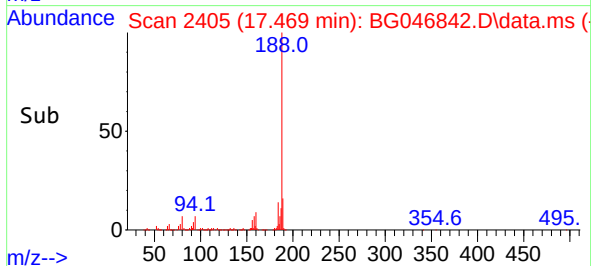
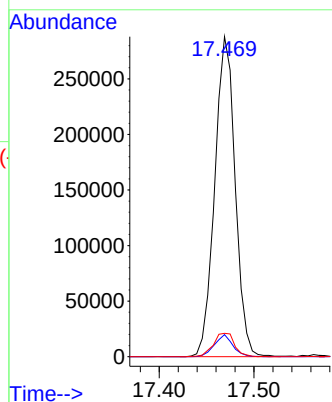
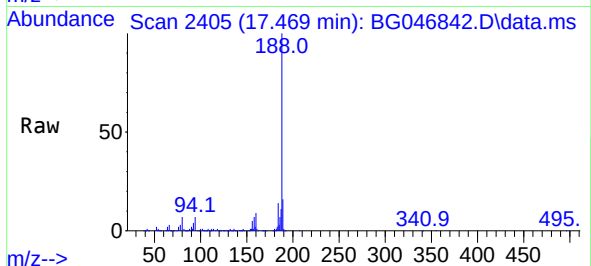




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

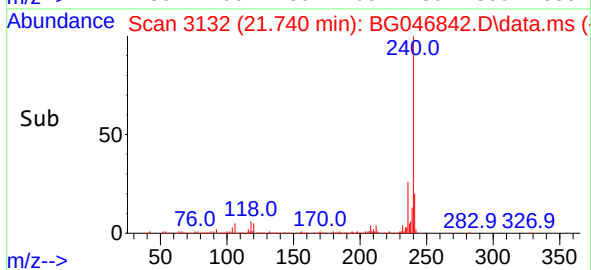
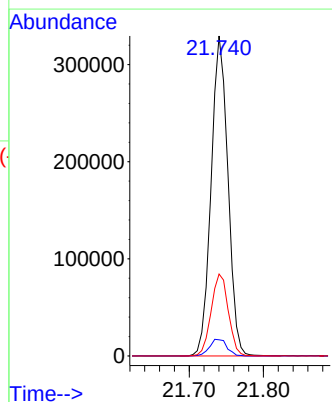
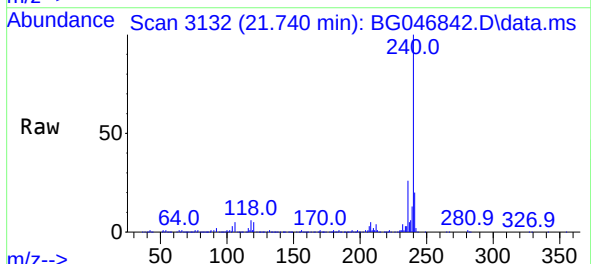
Instrument :
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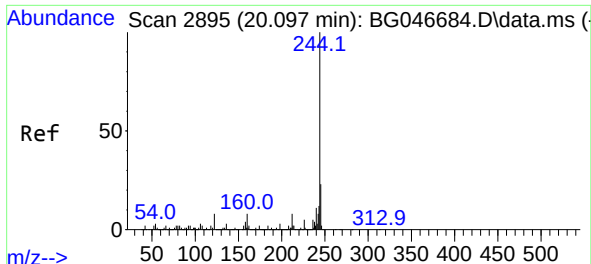
Tgt Ion:188 Resp: 431593
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 7.3 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:240 Resp: 518909
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.6 20.5 30.7



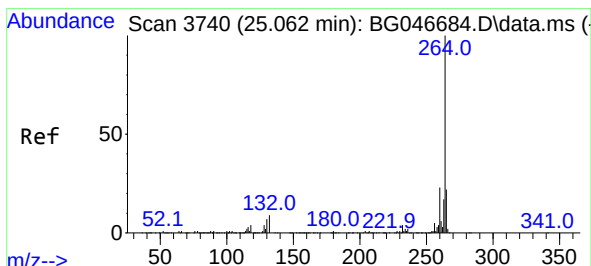
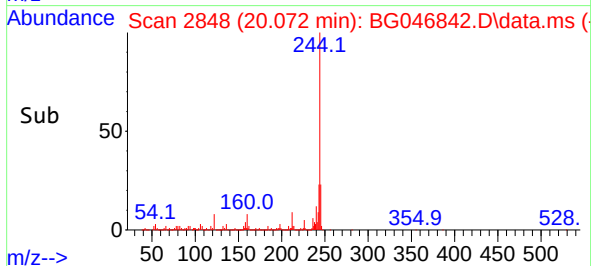
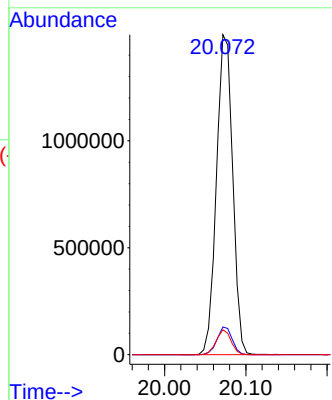
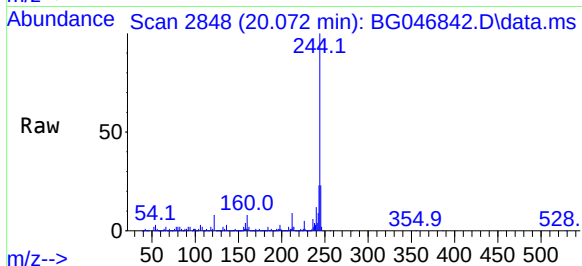


#79
Terphenyl-d14
Concen: 80.20 ng
RT: 20.072 min Scan# 2848
Delta R.T. -0.010 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB132277BL

Tgt Ion:244 Resp: 2076509

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.7	10.1
122	7.8	7.8	11.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.007 min Scan# 3688
Delta R.T. -0.022 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:264 Resp: 507010

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.6	17.8	26.8

