

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046883.D
 Acq On : 13 Oct 2020 21:06
 Operator : CG/JU
 Sample : L4225-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-100920

Quant Time: Oct 14 01:06:08 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)

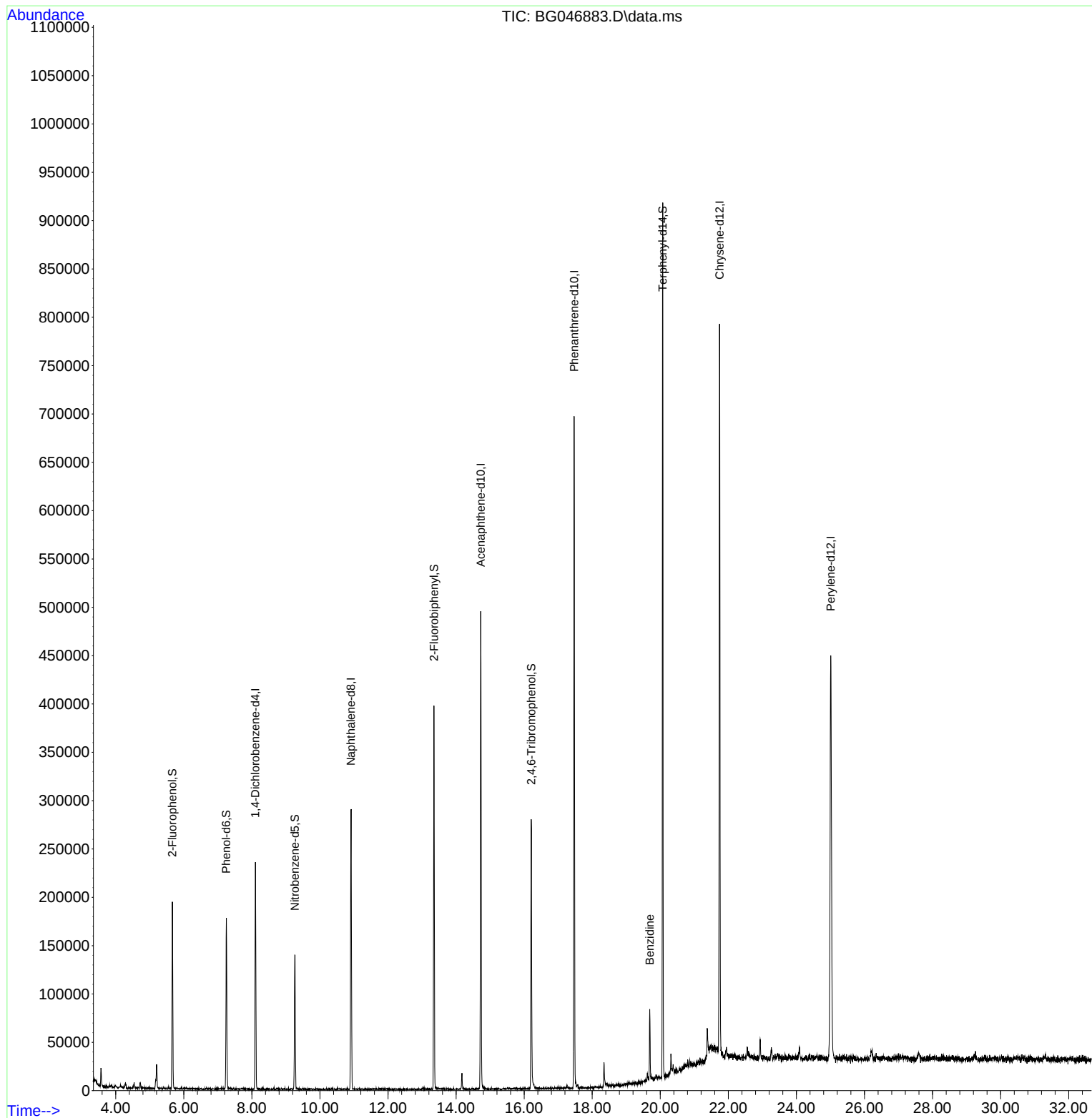
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	63052	20.00	ng	0.00
21) Naphthalene-d8	10.912	136	243462	20.00	ng	#-0.01
39) Acenaphthene-d10	14.725	164	172063	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	428819	20.00	ng	-0.01
76) Chrysene-d12	21.740	240	479025	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	470145	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	80150	20.36	ng	0.00
7) Phenol-d6	7.251	99	96301	17.35	ng	0.00
23) Nitrobenzene-d5	9.267	82	83622	18.27	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	60484	26.66	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	201993	16.62	ng	-0.01
79) Terphenyl-d14	20.072	244	412111	17.24	ng	-0.01
Target Compounds						
77) Benzidine	19.690	184	45314	3.07	ng	Qvalue # 95

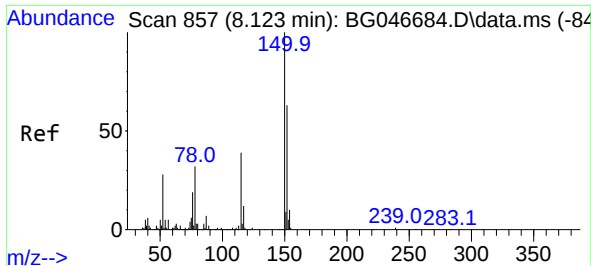
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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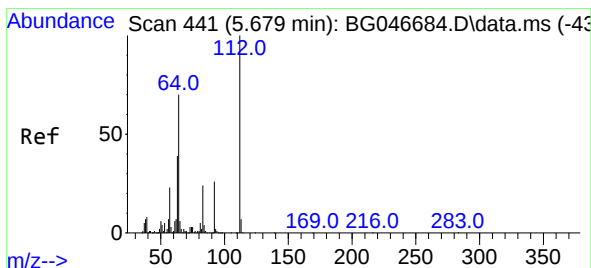
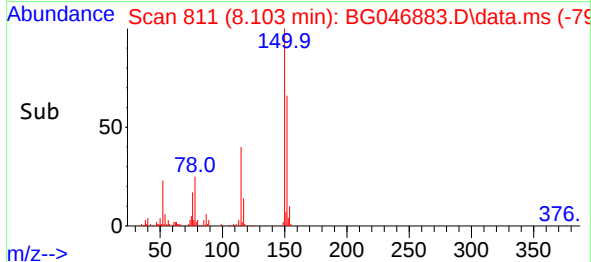
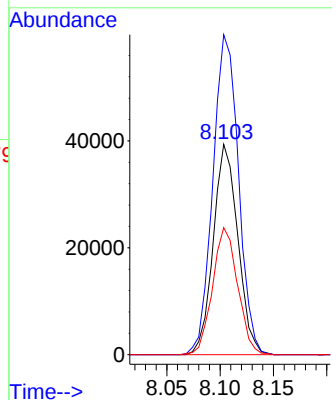
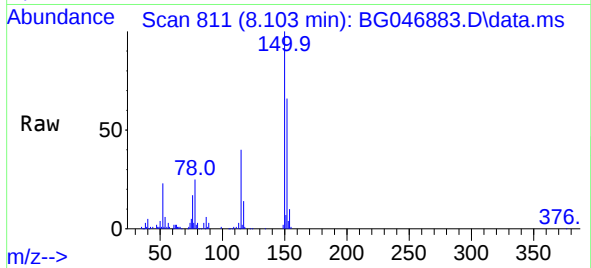




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

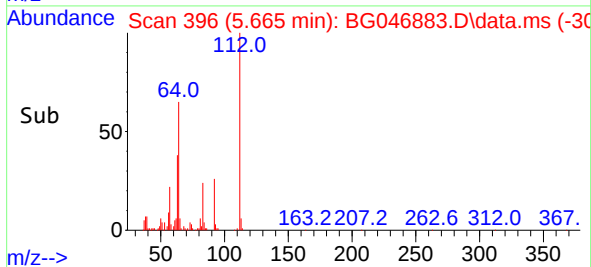
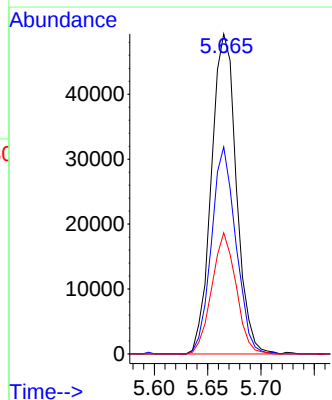
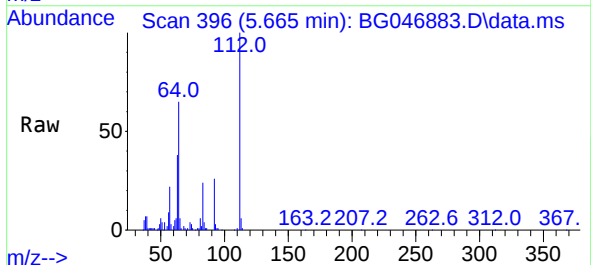
Instrument :
BNA_G
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SU-01-100920

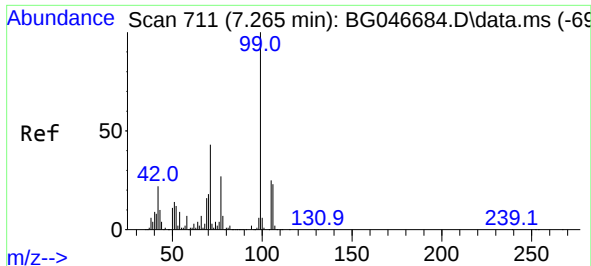
Tgt Ion:152 Resp: 63052
Ion Ratio Lower Upper
152 100
150 152.1 125.0 187.6
115 60.4 41.8 62.6



#5
2-Fluorophenol
Concen: 20.36 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.004 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:112 Resp: 80150
Ion Ratio Lower Upper
112 100
64 64.7 46.7 70.1
63 37.9 22.8 34.2#

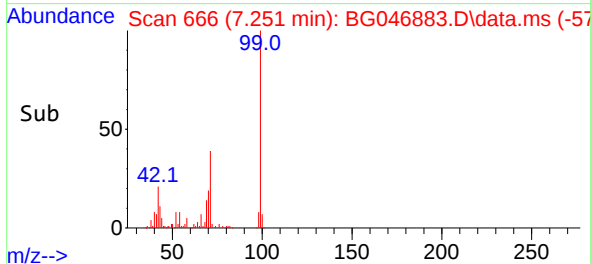
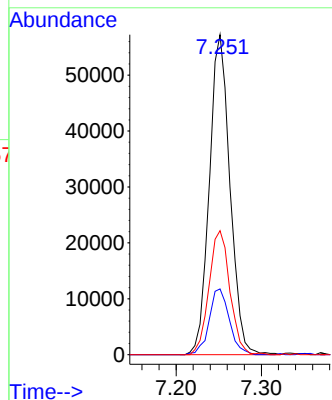
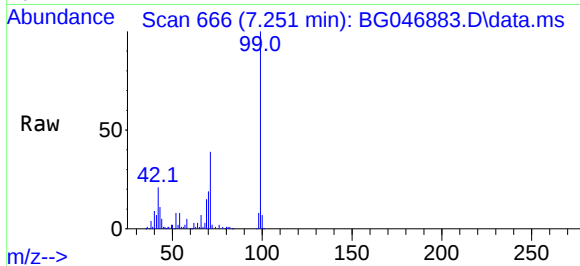




#7
Phenol-d6
Concen: 17.35 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.004 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

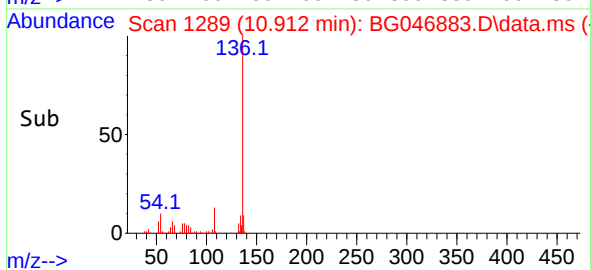
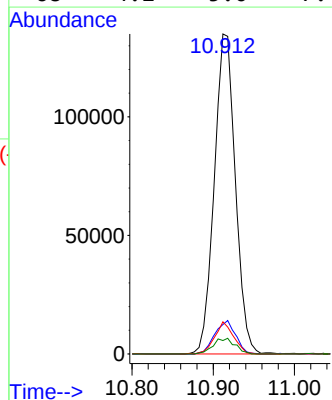
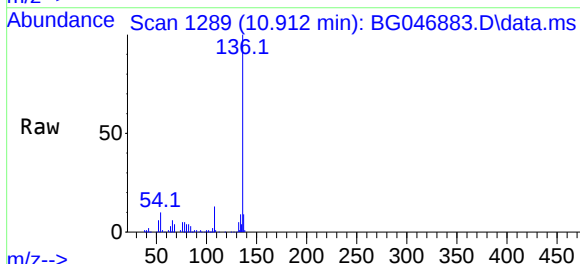
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

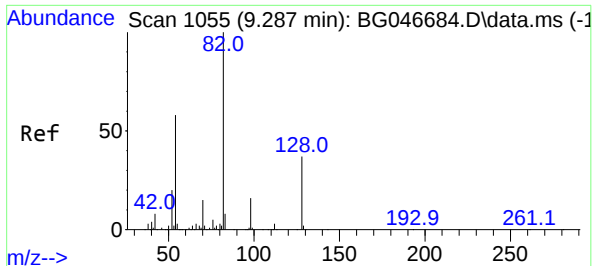
Tgt Ion:	99	Resp:	96301
Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	38.8	24.6	36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.912 min Scan# 1289
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:	136	Resp:	243462
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.1	13.7
54	10.0	6.2	9.4#
68	4.2	5.0	7.4#

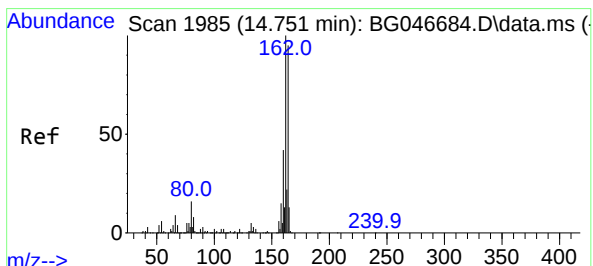
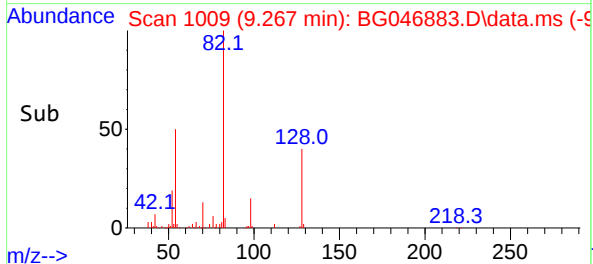
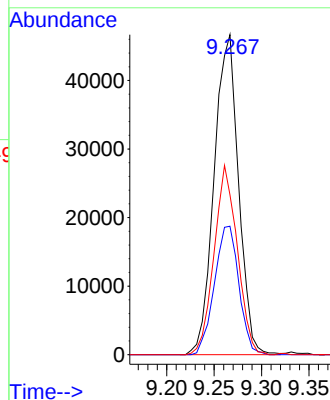
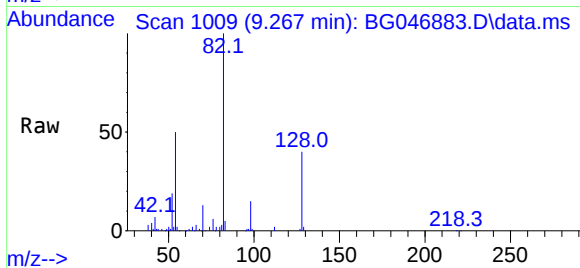




#23
Nitrobenzene-d5
Concen: 18.27 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

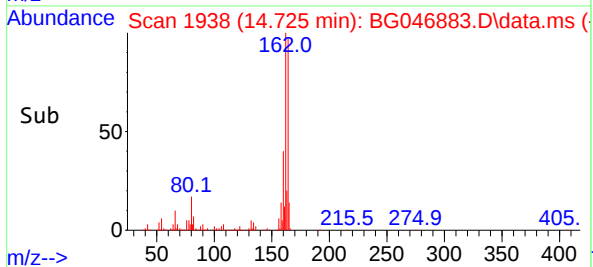
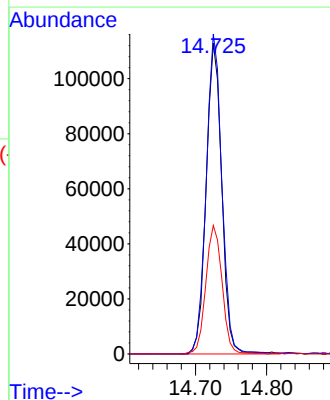
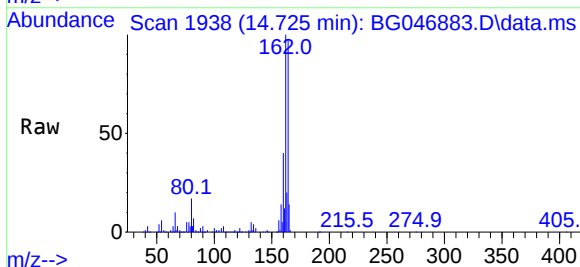
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

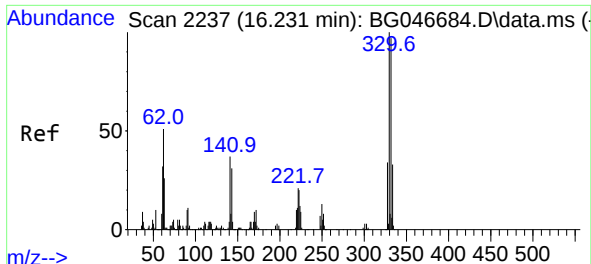
Tgt Ion: 82 Resp: 83622
Ion Ratio Lower Upper
82 100
128 40.2 37.0 55.6
54 50.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:164 Resp: 172063
Ion Ratio Lower Upper
164 100
162 102.9 82.3 123.5
160 41.3 35.3 52.9

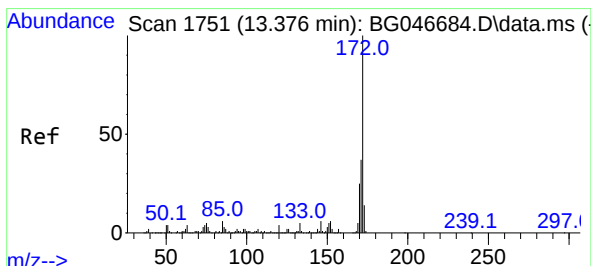
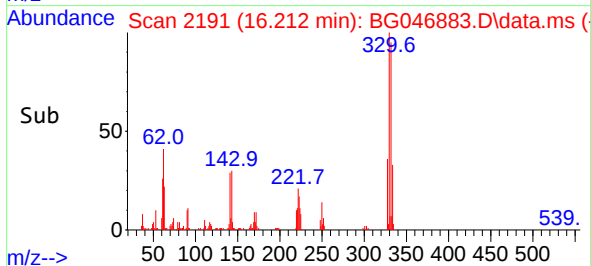
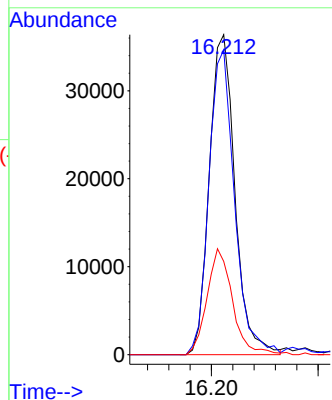
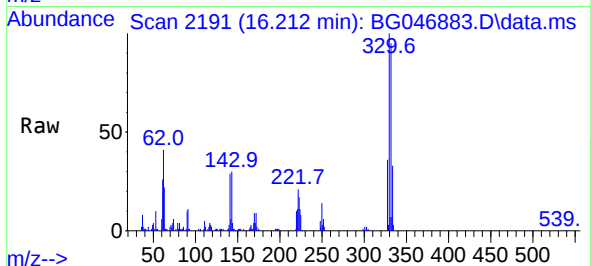




#42
2,4,6-Tribromophenol
Concen: 26.66 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

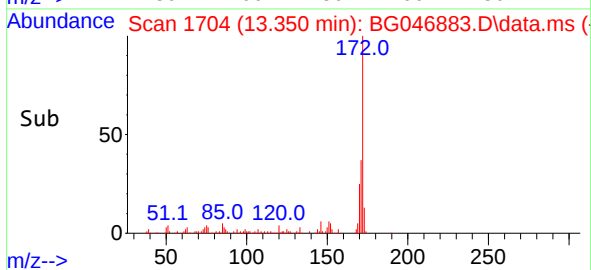
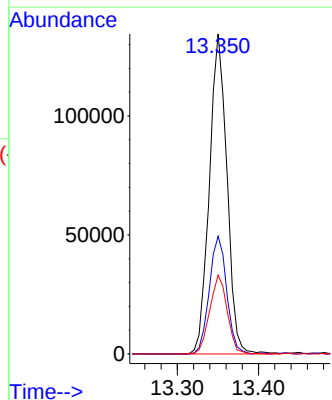
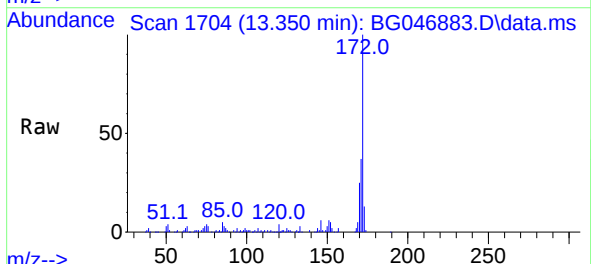
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

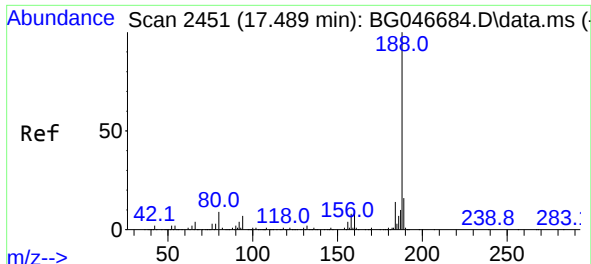
Tgt Ion:	330	Resp:	60484
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.5	114.7
141	33.2	26.0	39.0



#45
2-Fluorobiphenyl
Concen: 16.62 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:	172	Resp:	201993
Ion Ratio	Lower	Upper	
172	100		
171	36.8	31.3	46.9
170	24.6	20.8	31.2

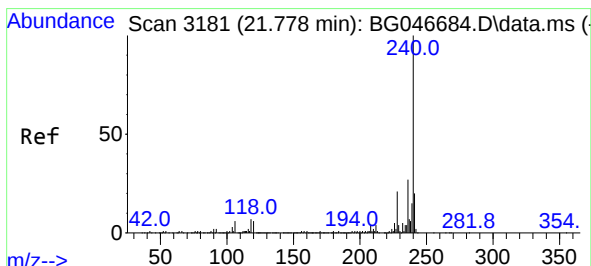
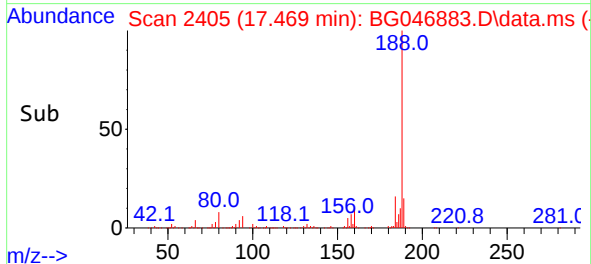
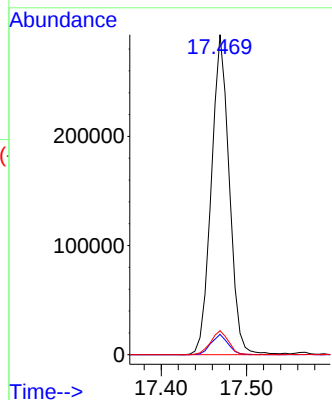
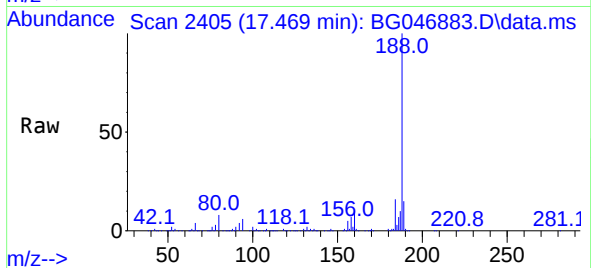




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

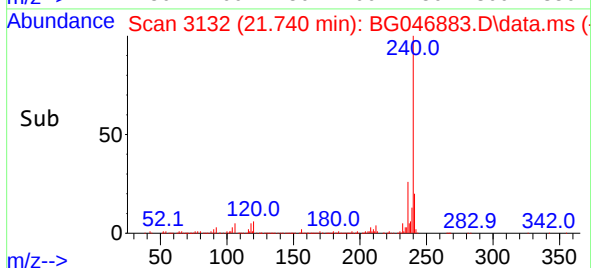
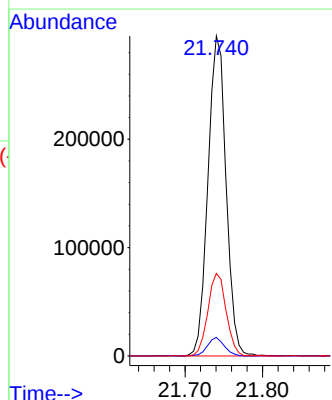
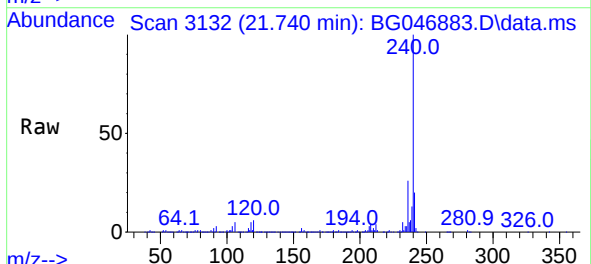
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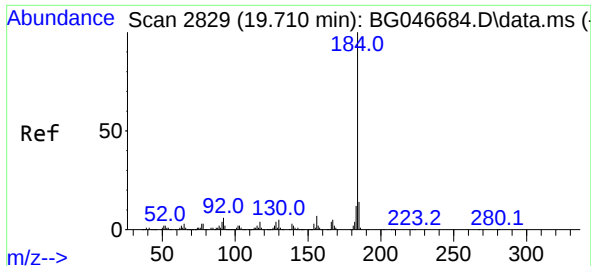
Tgt Ion:188 Resp: 428819
Ion Ratio Lower Upper
188 100
94 6.4 6.3 9.5
80 7.5 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:240 Resp: 479025
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 25.8 20.5 30.7

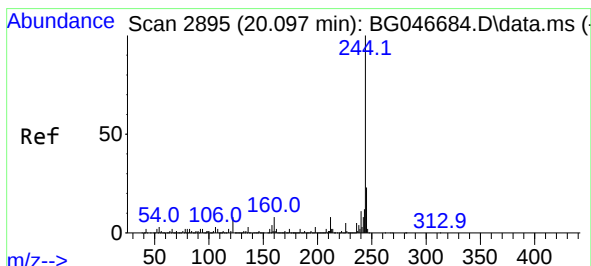
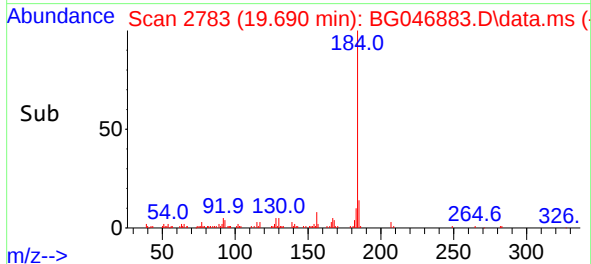
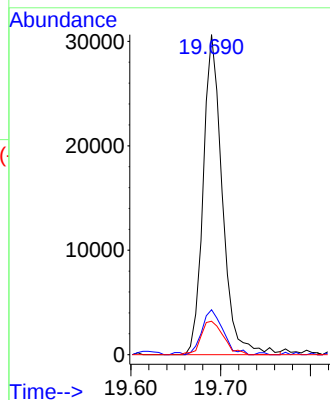
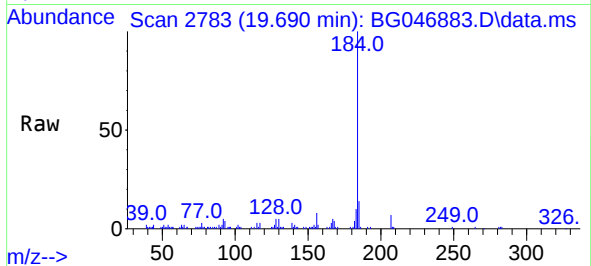




#77
Benzidine
Concen: 3.07 ng
RT: 19.690 min Scan# 2783
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

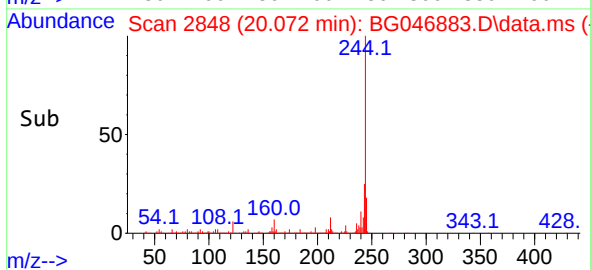
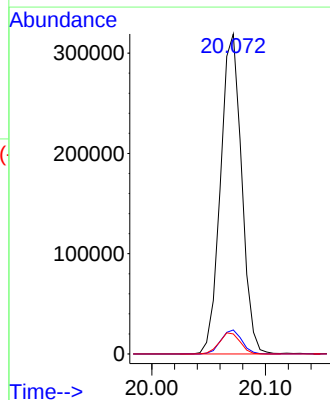
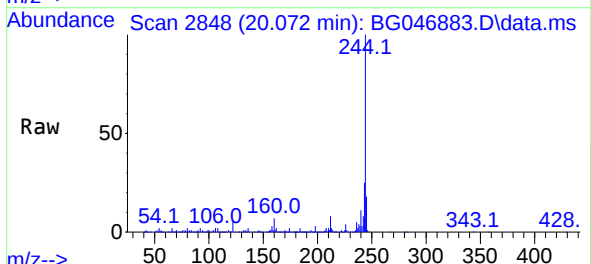
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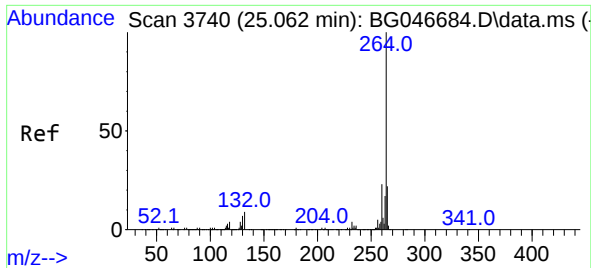
Tgt Ion:184 Resp: 45314
Ion Ratio Lower Upper
184 100
185 14.1 12.4 18.6
183 10.5 10.6 15.8#



#79
Terphenyl-d14
Concen: 17.24 ng
RT: 20.072 min Scan# 2848
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

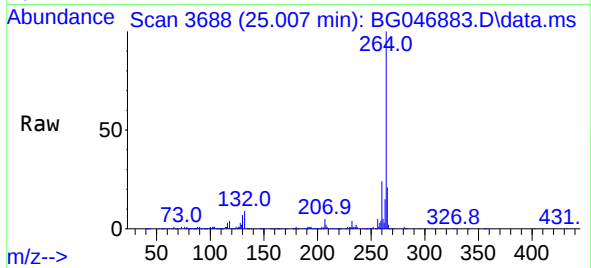
Tgt Ion:244 Resp: 412111
Ion Ratio Lower Upper
244 100
212 7.5 6.7 10.1
122 6.3 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.007 min Scan# 3688
Delta R.T. -0.022 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:264 Resp: 470145
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.0 17.8 26.8

