

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046867.D
 Acq On : 13 Oct 2020 7:51
 Operator : CG/JU
 Sample : L4317-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11935

Quant Time: Oct 13 11:05:50 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	56916	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	219959	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	163435	20.00	ng	-0.01
64) Phenanthrene-d10	17.468	188	438389	20.00	ng	#-0.01
76) Chrysene-d12	21.740	240	507102	20.00	ng	#-0.02
86) Perylene-d12	25.006	264	489609	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	468402	131.84	ng	0.00
7) Phenol-d6	7.257	99	615234	122.77	ng	0.00
23) Nitrobenzene-d5	9.266	82	445720	107.80	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	399329	185.30	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	1060132	91.83	ng	-0.01
79) Terphenyl-d14	20.071	244	2175553	85.98	ng	-0.01

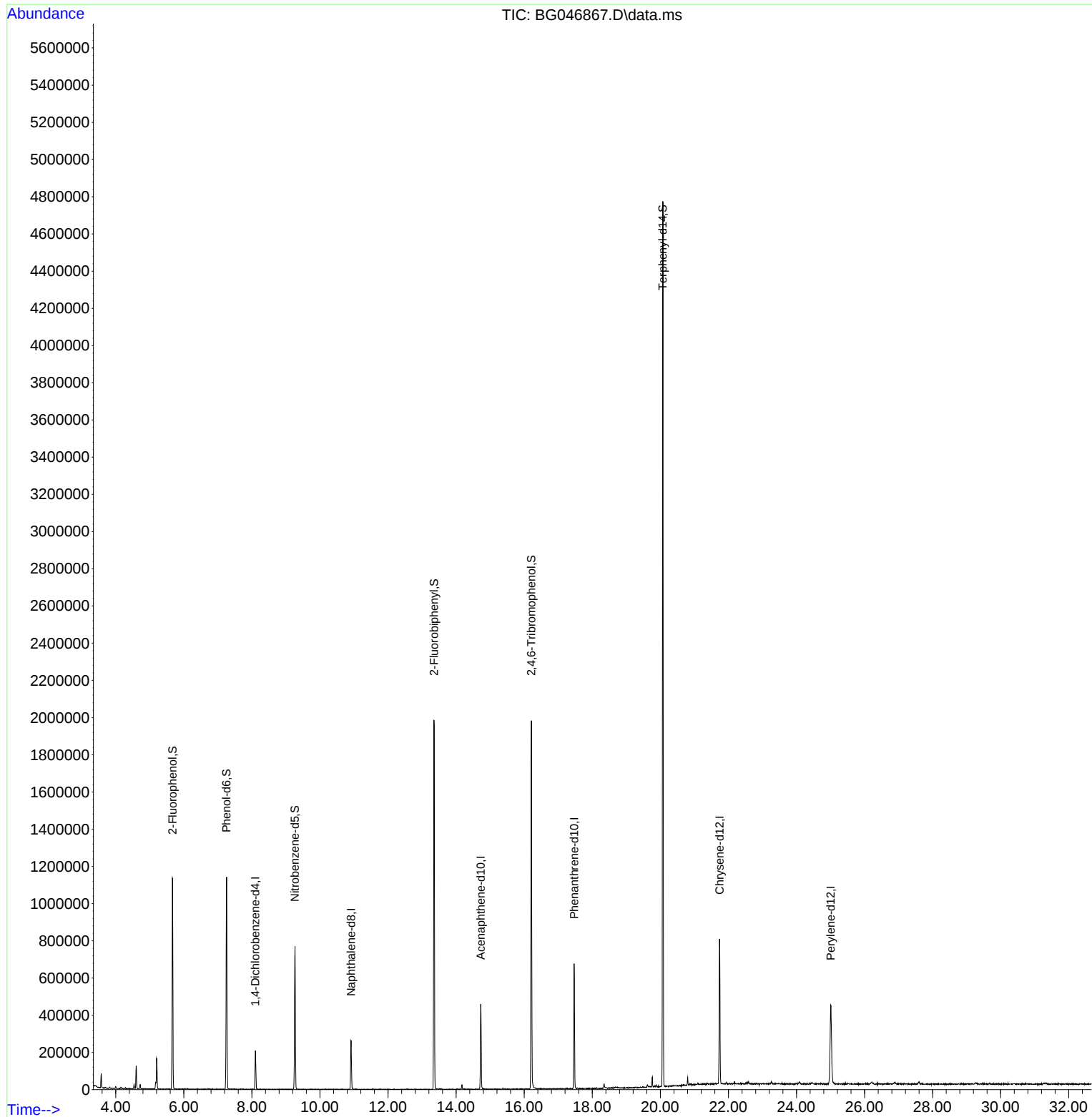
Target Compounds	Qvalue

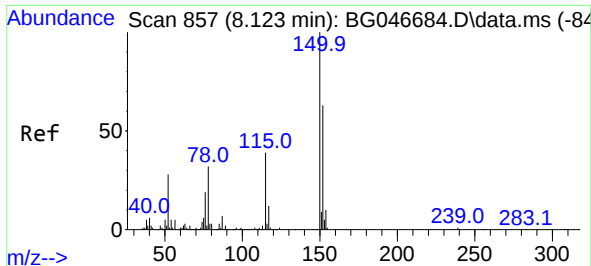
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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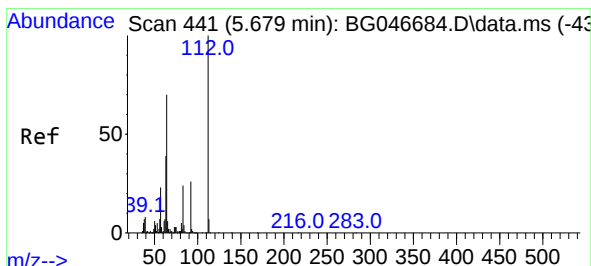
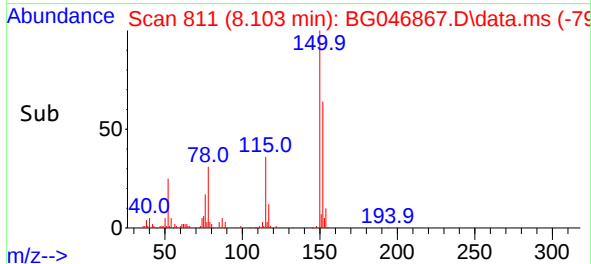
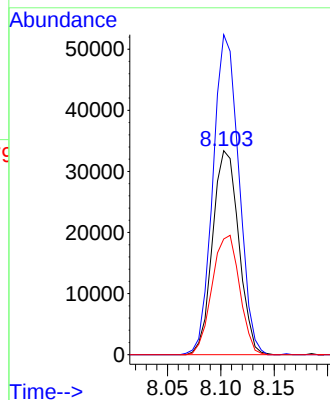
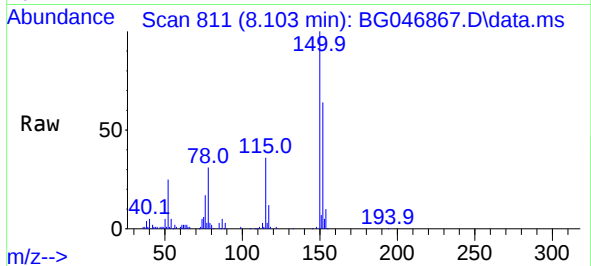




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

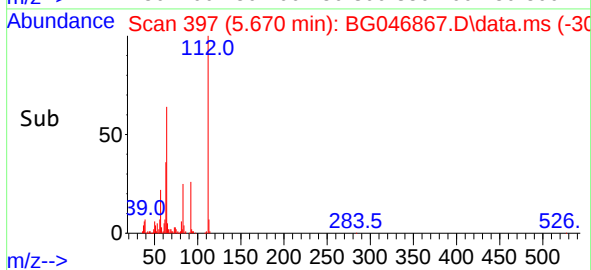
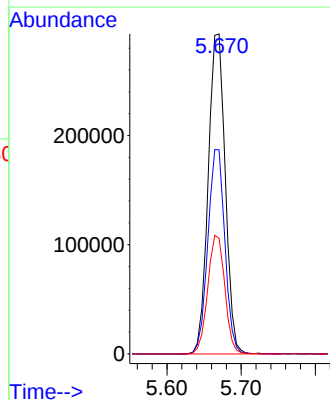
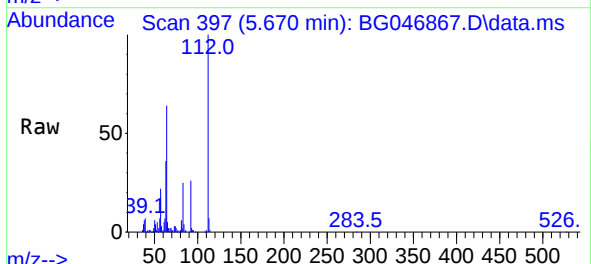
Instrument :
BNA_G
ClientSampleId :
11935

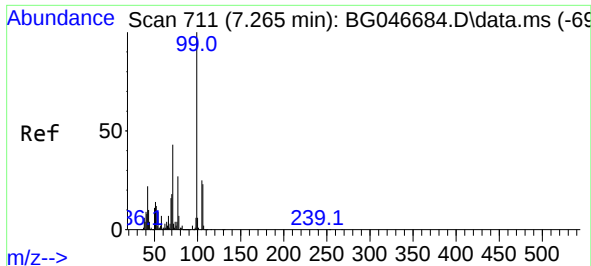
Tgt Ion:152 Resp: 56916
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.6
115 56.7 41.8 62.6



#5
2-Fluorophenol
Concen: 131.84 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:112 Resp: 468402
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 36.2 22.8 34.2#

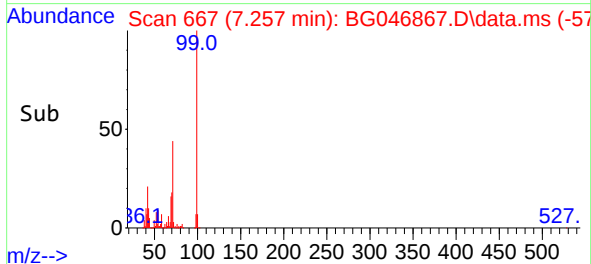
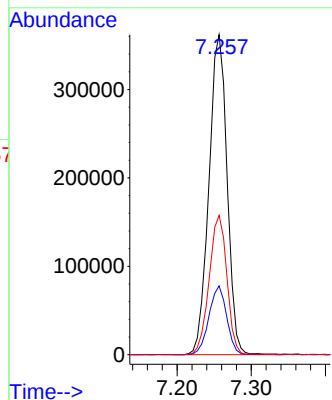
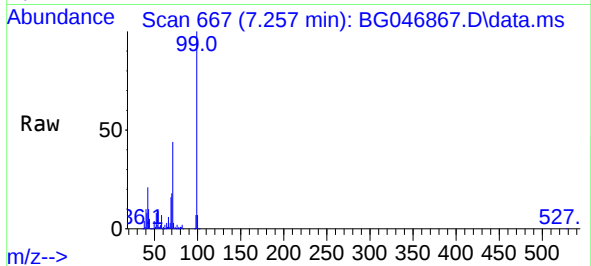




#7
Phenol-d6
Concen: 122.77 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

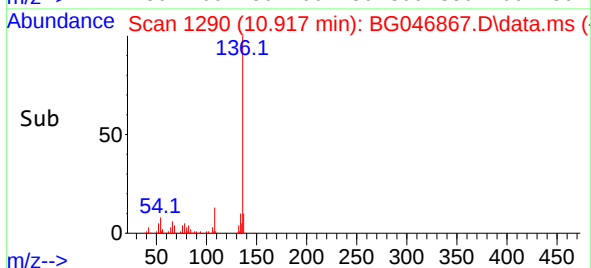
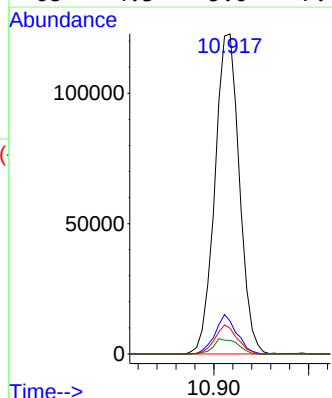
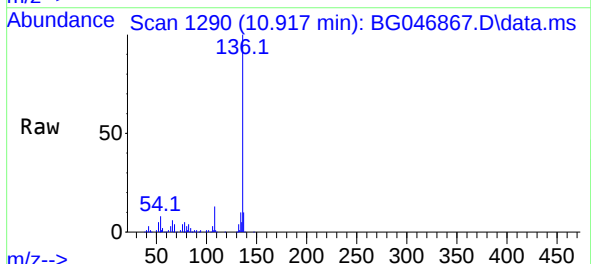
Instrument :
BNA_G
ClientSampleId :
11935

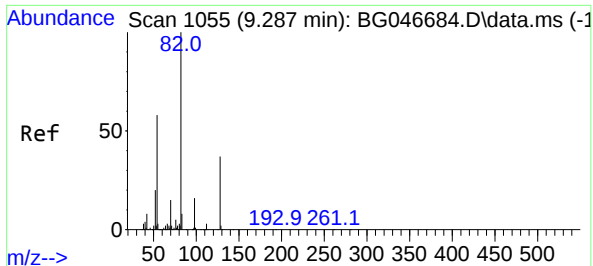
Tgt Ion: 99 Resp: 615234
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 43.6 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion: 136 Resp: 219959
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 8.1 6.2 9.4
68 4.3 5.0 7.4#

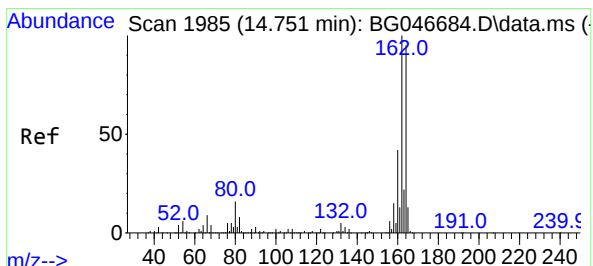
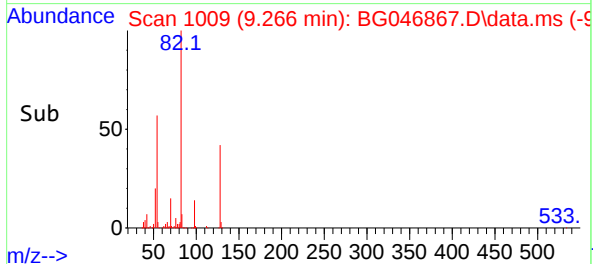
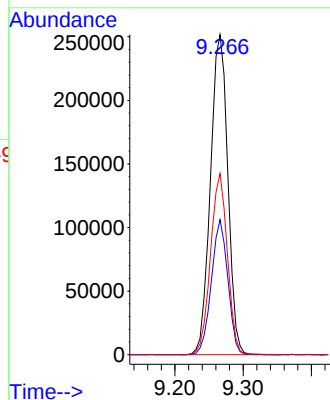
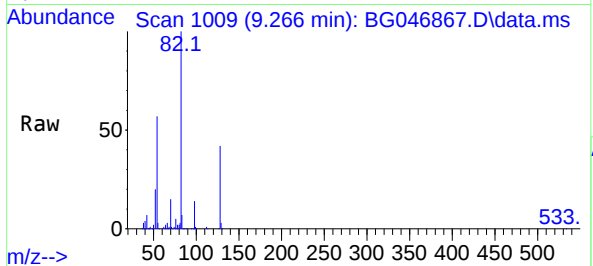




#23
Nitrobenzene-d5
Concen: 107.80 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

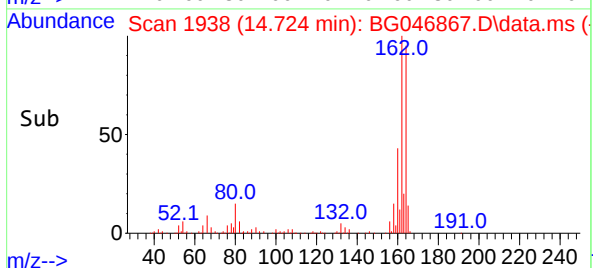
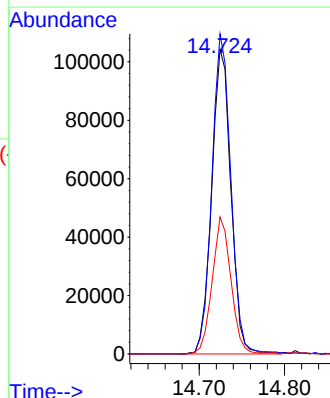
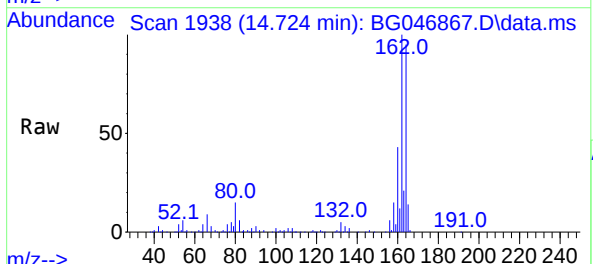
Instrument :
BNA_G
ClientSampleId :
11935

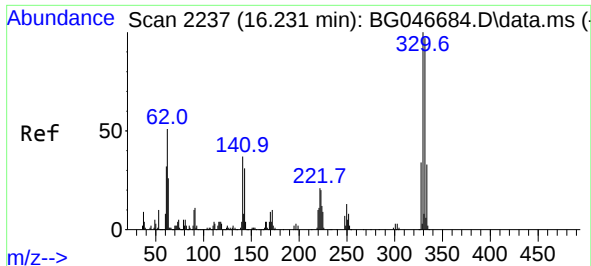
Tgt Ion: 82 Resp: 445720
Ion Ratio Lower Upper
82 100
128 42.2 37.0 55.6
54 56.6 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:164 Resp: 163435
Ion Ratio Lower Upper
164 100
162 105.0 82.3 123.5
160 44.9 35.3 52.9

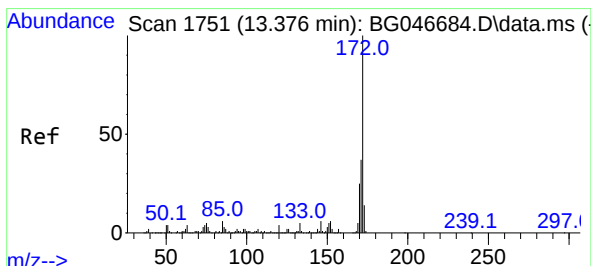
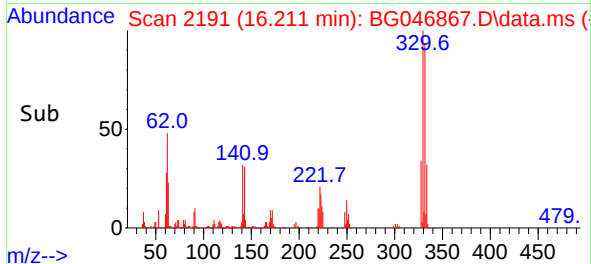
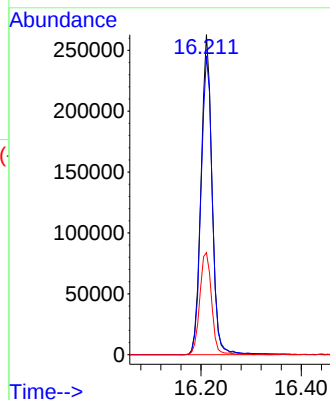
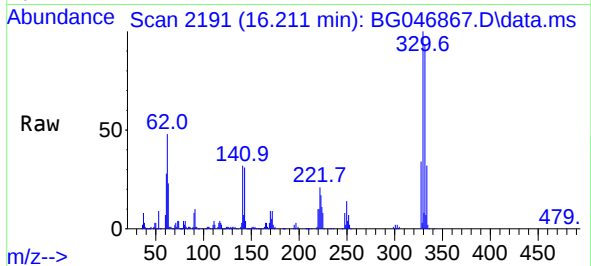




#42
2,4,6-Tribromophenol
Concen: 185.30 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

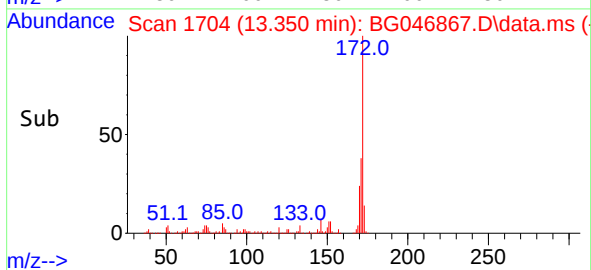
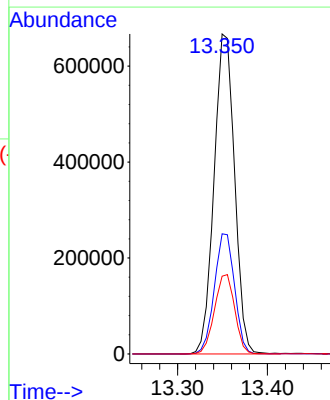
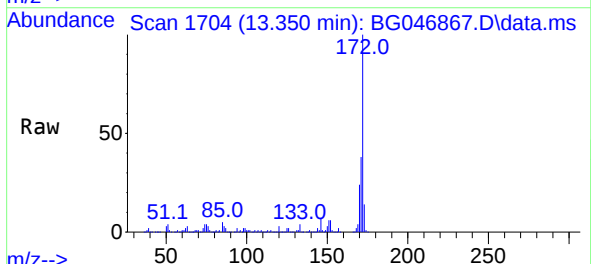
Instrument :
BNA_G
ClientSampleId :
11935

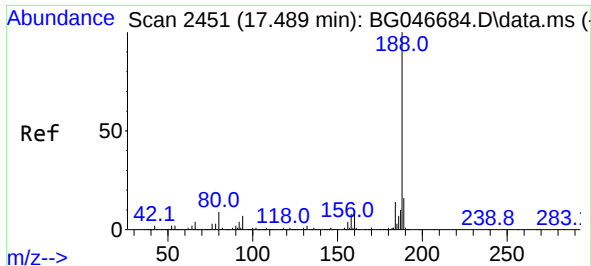
Tgt Ion:330 Resp: 399329
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 34.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 91.83 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:172 Resp: 1060132
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.3 20.8 31.2

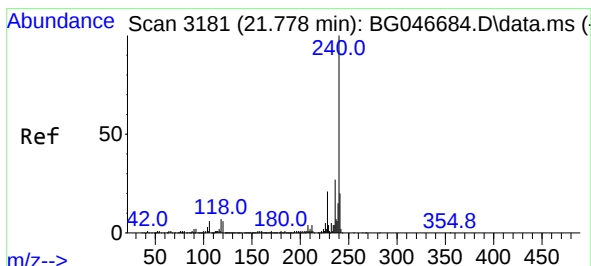
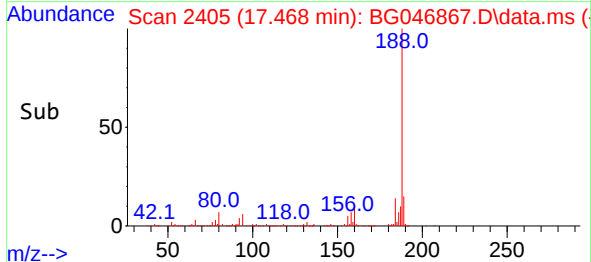
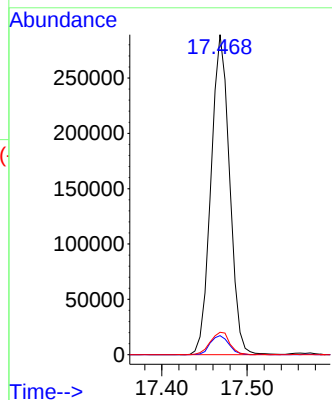
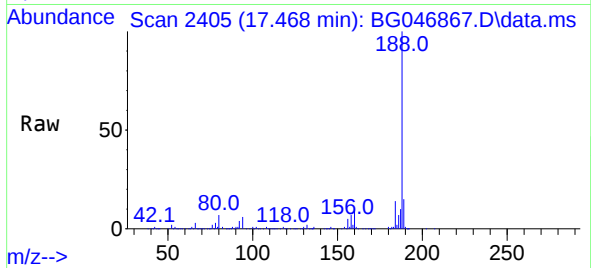




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

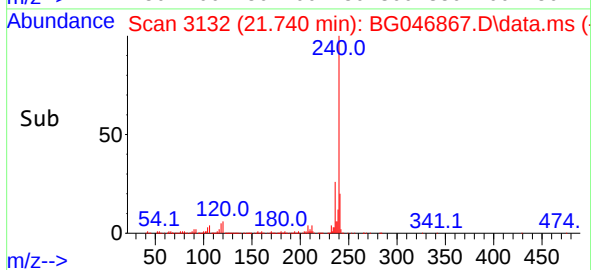
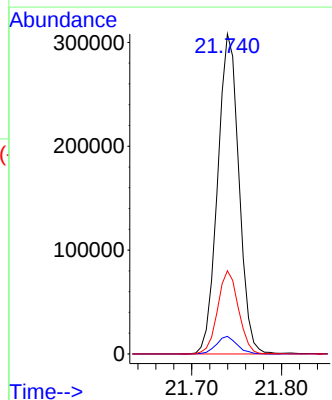
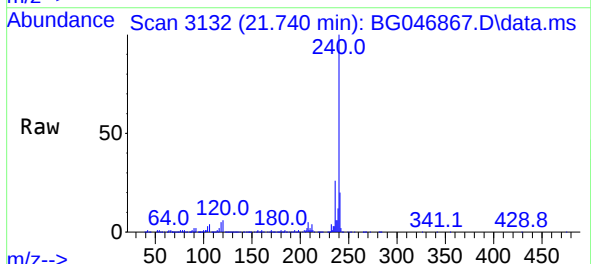
Instrument :
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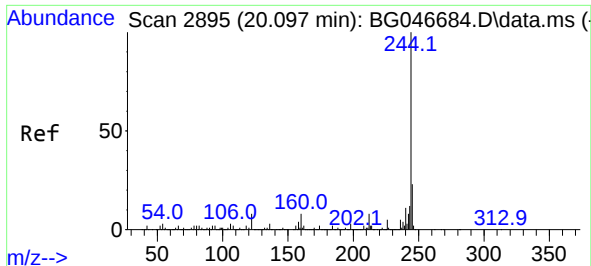
Tgt Ion:188 Resp: 438389
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.0 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:240 Resp: 507102
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 26.0 20.5 30.7

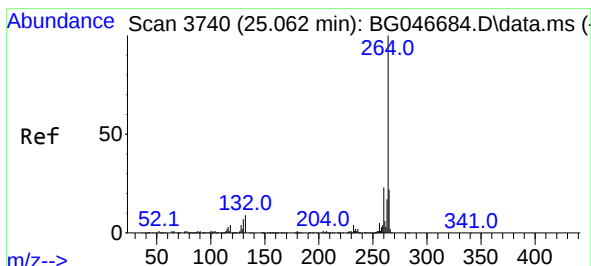
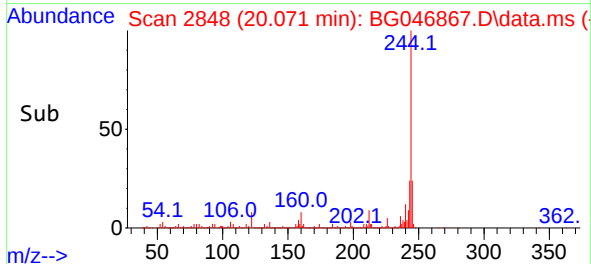
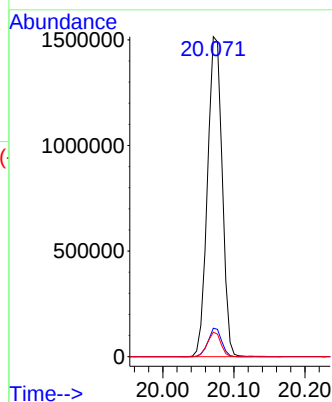
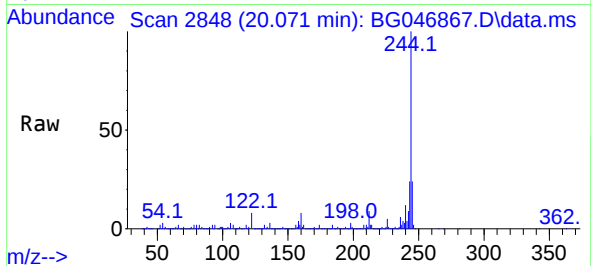




#79
 Terphenyl-d14
 Concen: 85.98 ng
 RT: 20.071 min Scan# 2848
 Delta R.T. -0.011 min
 Lab File: BG046867.D
 Acq: 13 Oct 2020 7:51

Instrument :
 BNA_G
 ClientSampled :
 11935

Tgt Ion:244 Resp: 2175553
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.7 10.1
 122 7.7 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.006 min Scan# 3688
 Delta R.T. -0.023 min
 Lab File: BG046867.D
 Acq: 13 Oct 2020 7:51

Tgt Ion:264 Resp: 489609
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 20.6 17.8 26.8

