

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
 Data File : BG048891.D
 Acq On : 27 Apr 2021 17:57
 Operator : CG/JU
 Sample : M2186-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1A

Quant Time: Apr 27 18:43:30 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 27 16:50:19 2021
 Response via : Initial Calibration

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

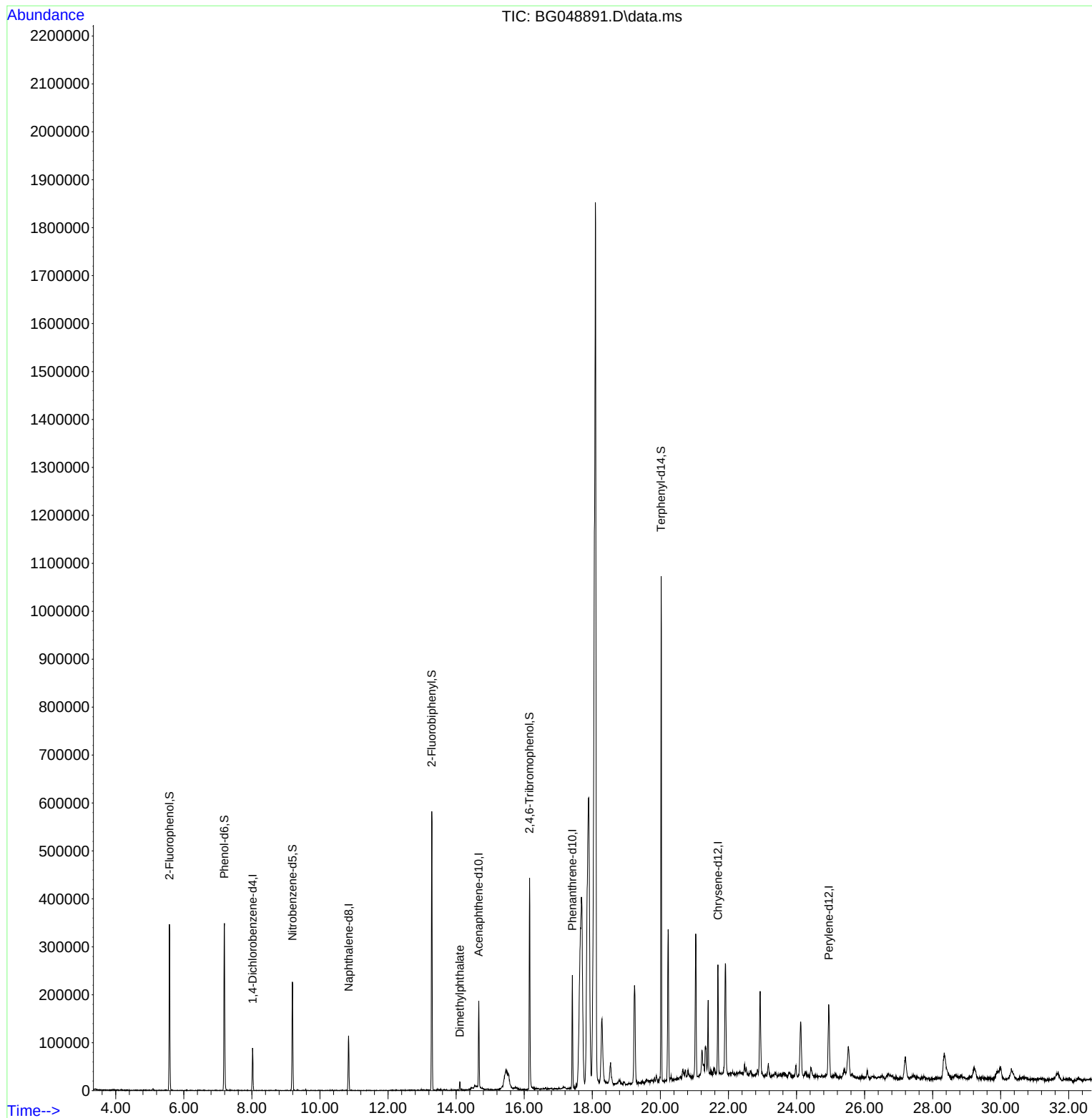
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	21721	20.00	ng	0.00
21) Naphthalene-d8	10.841	136	89064	20.00	ng	0.00
39) Acenaphthene-d10	14.666	164	59942	20.00	ng	0.00
64) Phenanthrene-d10	17.415	188	142932	20.00	ng	# 0.00
76) Chrysene-d12	21.693	240	130025	20.00	ng	0.00
86) Perylene-d12	24.948	264	135403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	134428	103.51	ng	0.00
7) Phenol-d6	7.192	99	173877	94.65	ng	0.00
23) Nitrobenzene-d5	9.195	82	128241	64.46	ng	0.00
42) 2,4,6-Tribromophenol	16.158	330	73485	91.43	ng	0.00
45) 2-Fluorobiphenyl	13.285	172	284060	68.44	ng	0.00
79) Terphenyl-d14	20.024	244	460932	61.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.107	163	9169	2.04	ng	Qvalue 96

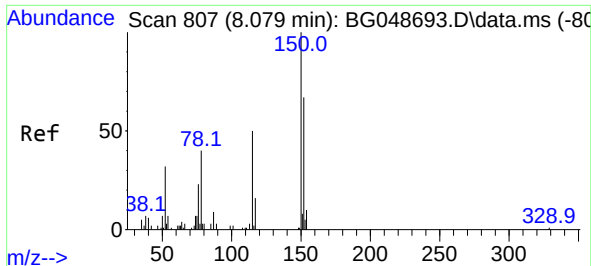
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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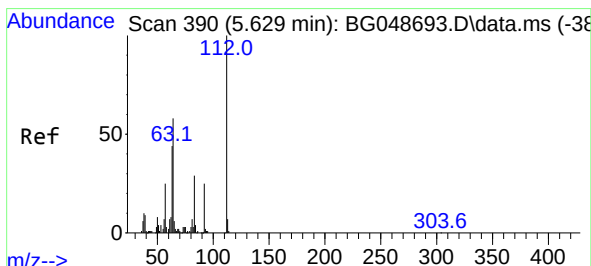
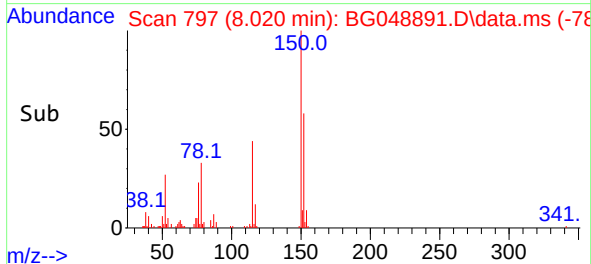
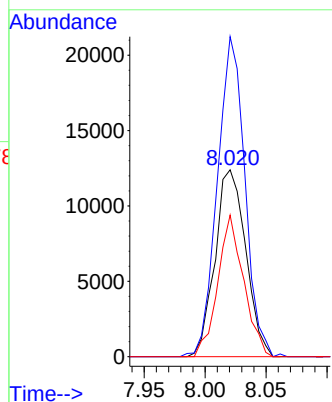
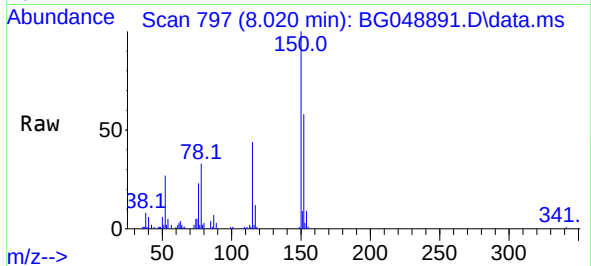




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.020 min Scan# 797
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

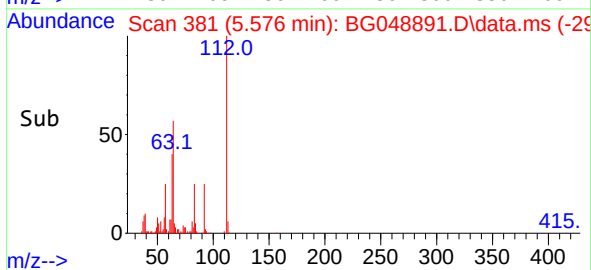
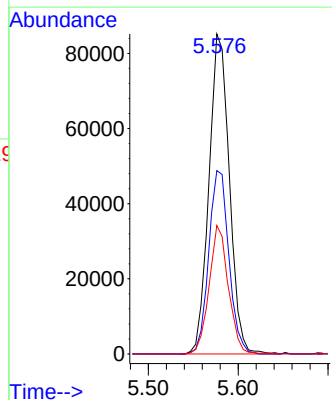
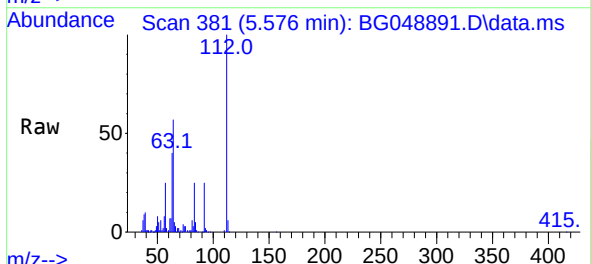
Instrument :
BNA_G
ClientSampleId :
B1A

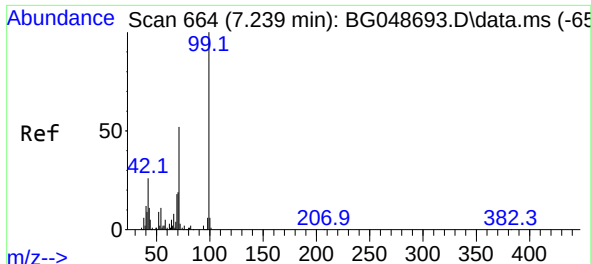
Tgt Ion:152 Resp: 21721
Ion Ratio Lower Upper
152 100
150 171.3 119.4 179.0
115 75.8 60.2 90.4



#5
2-Fluorophenol
Concen: 103.51 ng
RT: 5.576 min Scan# 381
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:112 Resp: 134428
Ion Ratio Lower Upper
112 100
64 57.3 46.7 70.1
63 40.1 35.3 52.9

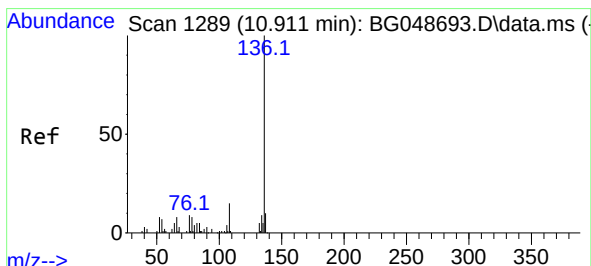
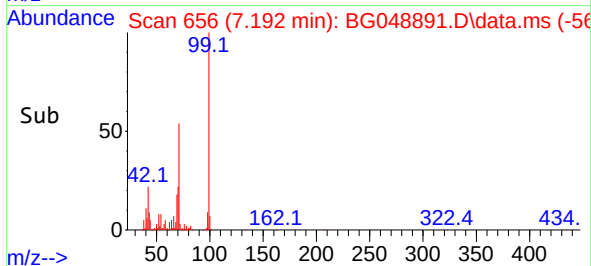
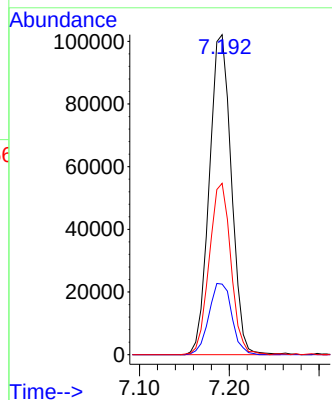
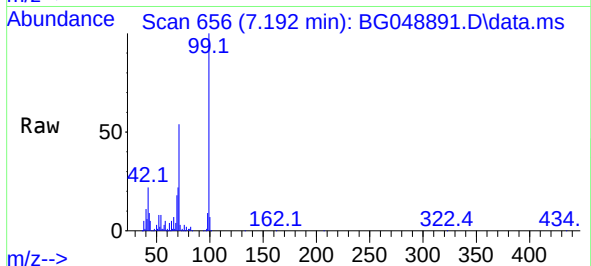




#7
Phenol-d6
Concen: 94.65 ng
RT: 7.192 min Scan# 656
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

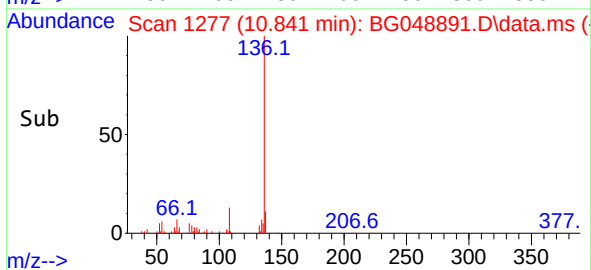
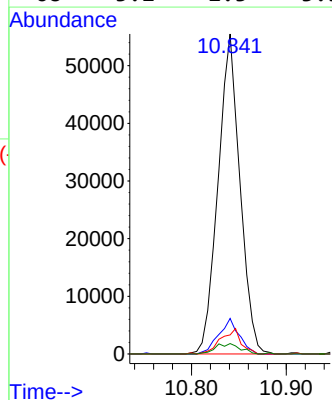
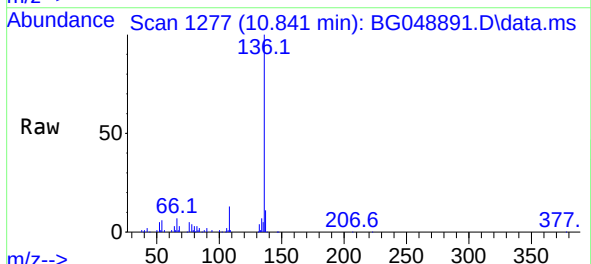
Instrument :
BNA_G
ClientSampleId :
B1A

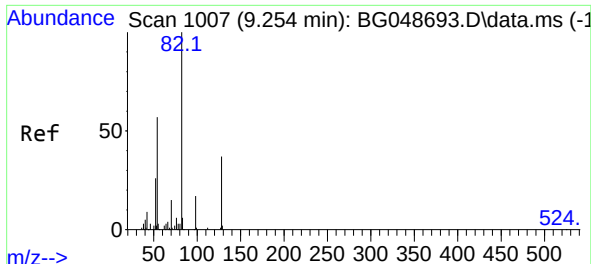
Tgt Ion: 99 Resp: 173877
Ion Ratio Lower Upper
99 100
42 22.1 20.5 30.7
71 53.5 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.841 min Scan# 1277
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion: 136 Resp: 89064
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 6.0 5.5 8.3
68 3.2 2.3 3.5

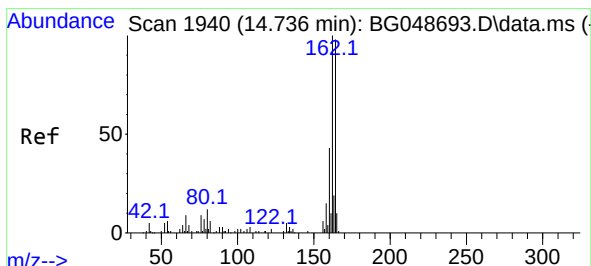
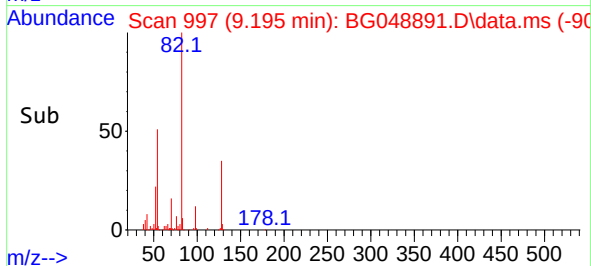
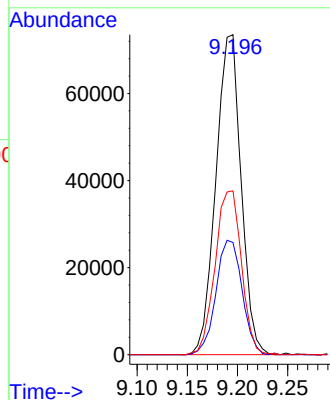
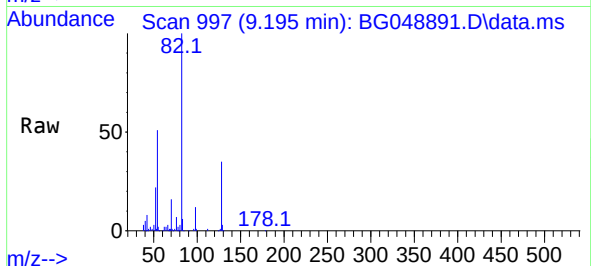




#23
Nitrobenzene-d5
Concen: 64.46 ng
RT: 9.195 min Scan# 997
Delta R.T. 0.004 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

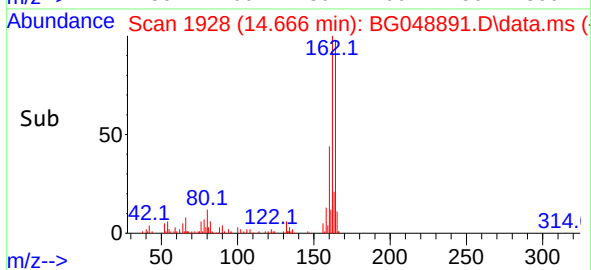
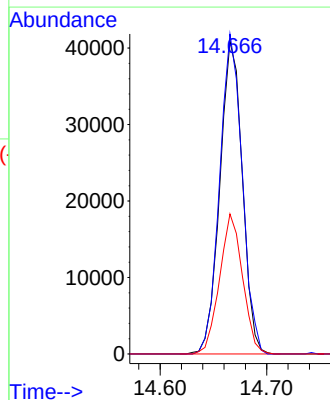
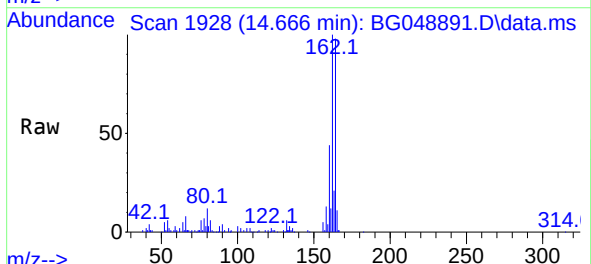
Instrument :
BNA_G
ClientSampled :
B1A

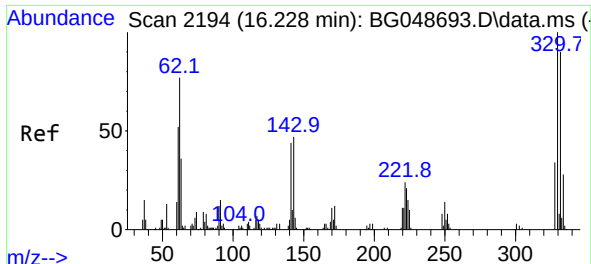
Tgt Ion: 82 Resp: 128241
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 51.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.666 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:164 Resp: 59942
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.8 34.9 52.3

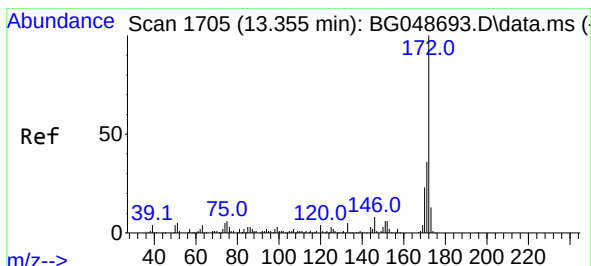
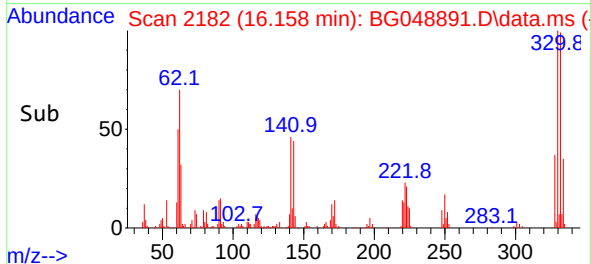
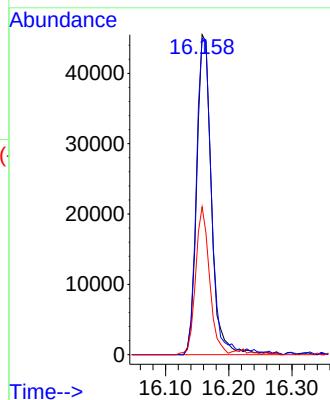
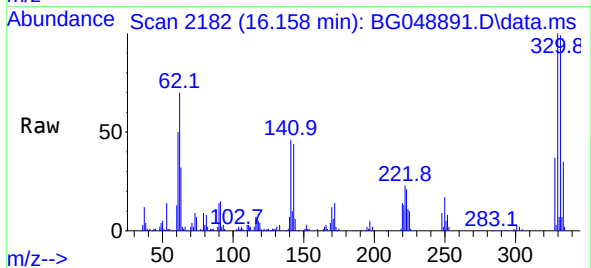




#42
2,4,6-Tribromophenol
Concen: 91.43 ng
RT: 16.158 min Scan# 2182
Delta R.T. -0.007 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

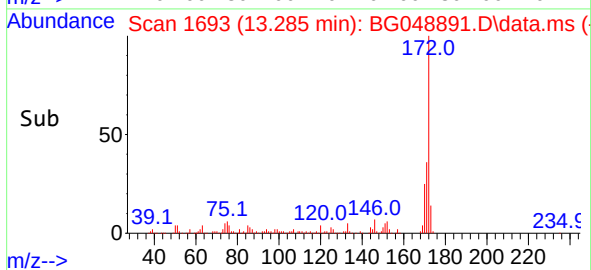
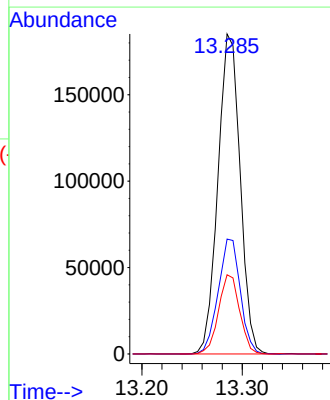
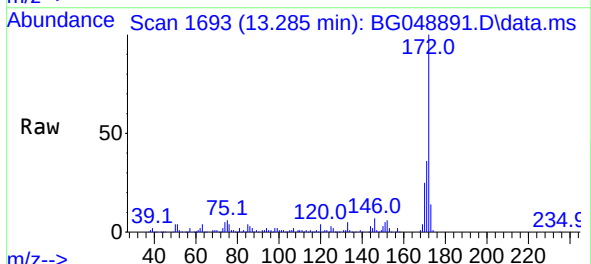
Instrument :
BNA_G
ClientSampleId :
B1A

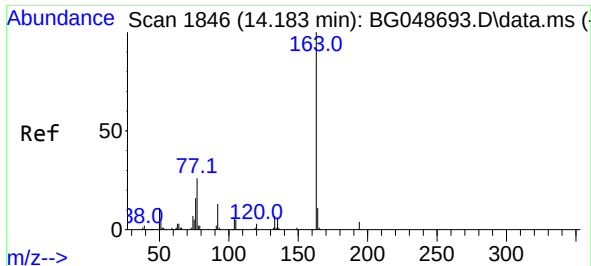
Tgt Ion:330 Resp: 73485
Ion Ratio Lower Upper
330 100
332 99.8 77.3 115.9
141 43.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 68.44 ng
RT: 13.285 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:172 Resp: 284060
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.8 18.6 27.8

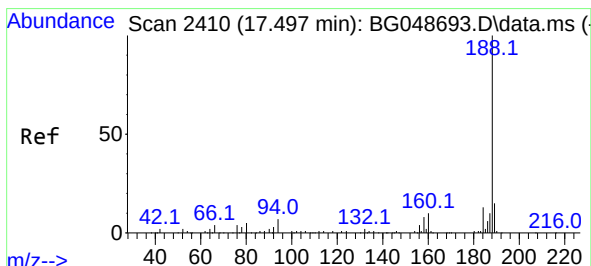
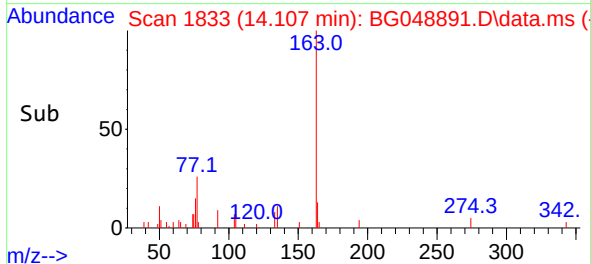
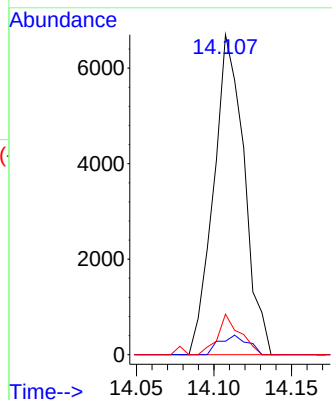
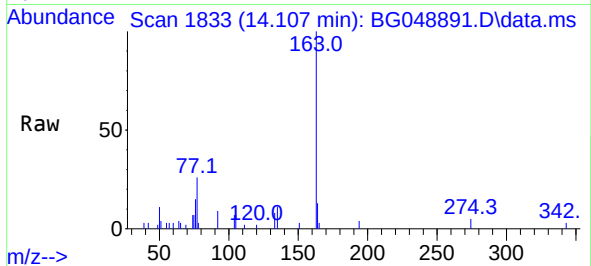




#50
Dimethylphthalate
Concen: 2.04 ng
RT: 14.107 min Scan# 1833
Delta R.T. -0.013 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

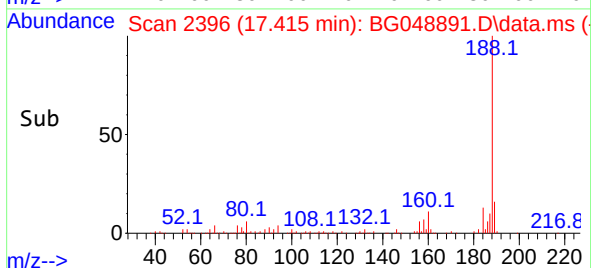
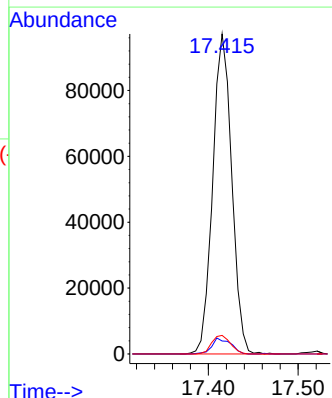
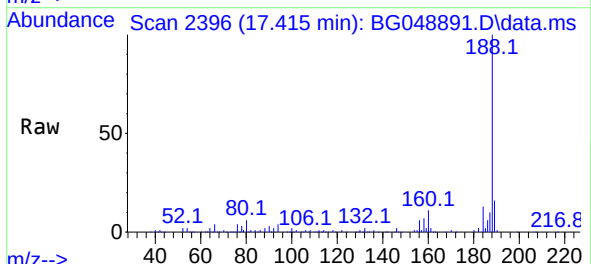
Instrument :
BNA_G
ClientSampleId :
B1A

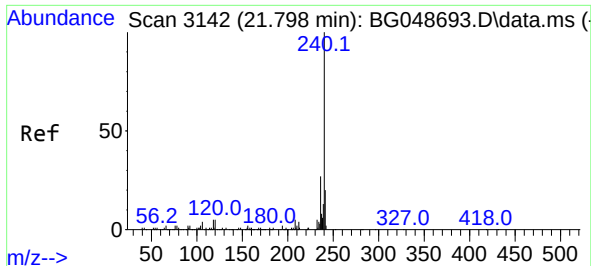
Tgt Ion:163 Resp: 9169
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 12.7 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.415 min Scan# 2396
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:188 Resp: 142932
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 5.8 3.7 5.5#

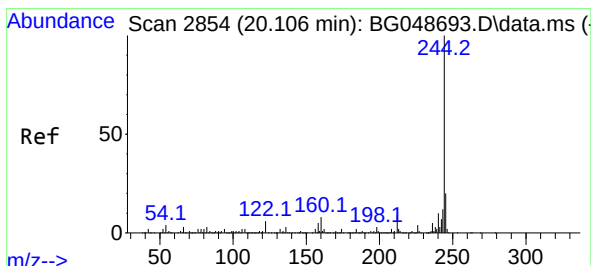
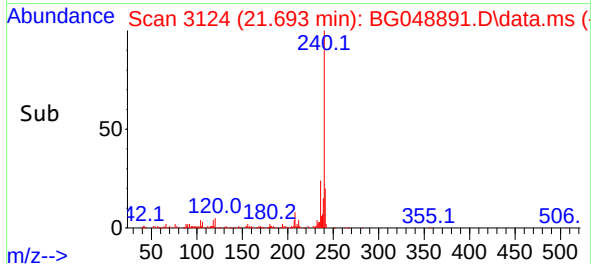
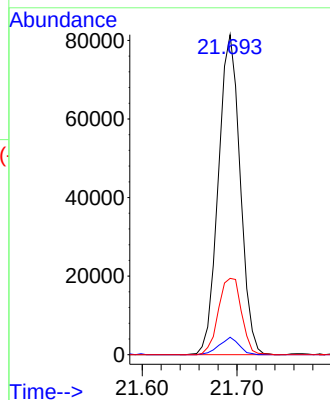
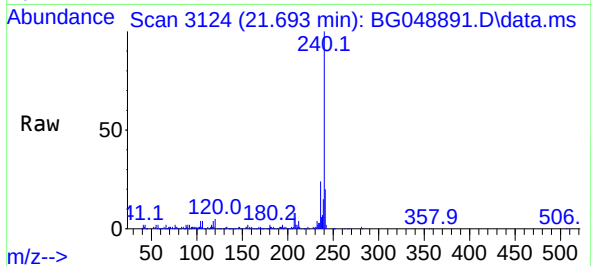




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.693 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

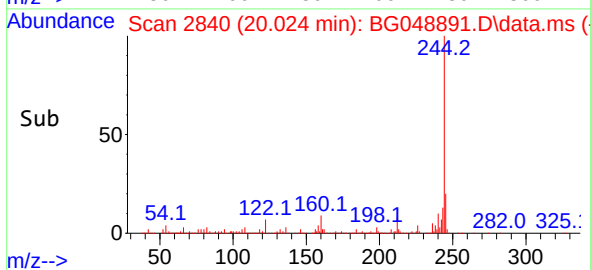
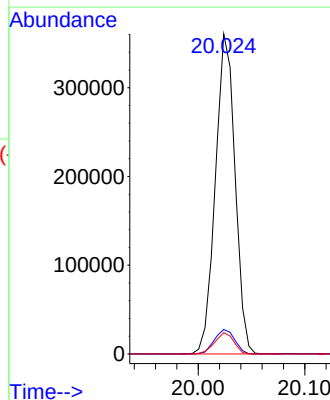
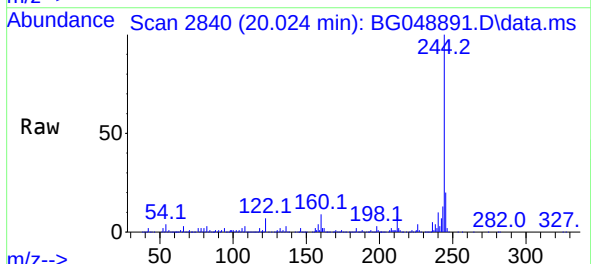
Instrument :
BNA_G
ClientSampleId :
B1A

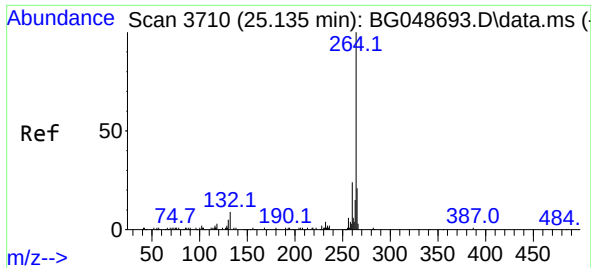
Tgt Ion:240 Resp: 130025
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 23.8 21.8 32.6



#79
Terphenyl-d14
Concen: 61.01 ng
RT: 20.024 min Scan# 2840
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

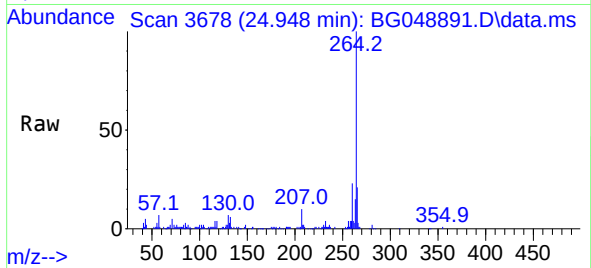
Tgt Ion:244 Resp: 460932
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.7 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.948 min Scan# 3678
 Delta R.T. -0.007 min
 Lab File: BG048891.D
 Acq: 27 Apr 2021 17:57

Instrument :
 BNA_G
 ClientSampleId :
 B1A



Tgt Ion:264 Resp: 135403

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	21.3	16.9	25.3

