

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047278.D
 Acq On : 10 Nov 2020 21:05
 Operator : CG/JU
 Sample : L4671-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1B

Quant Time: Nov 11 02:00:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

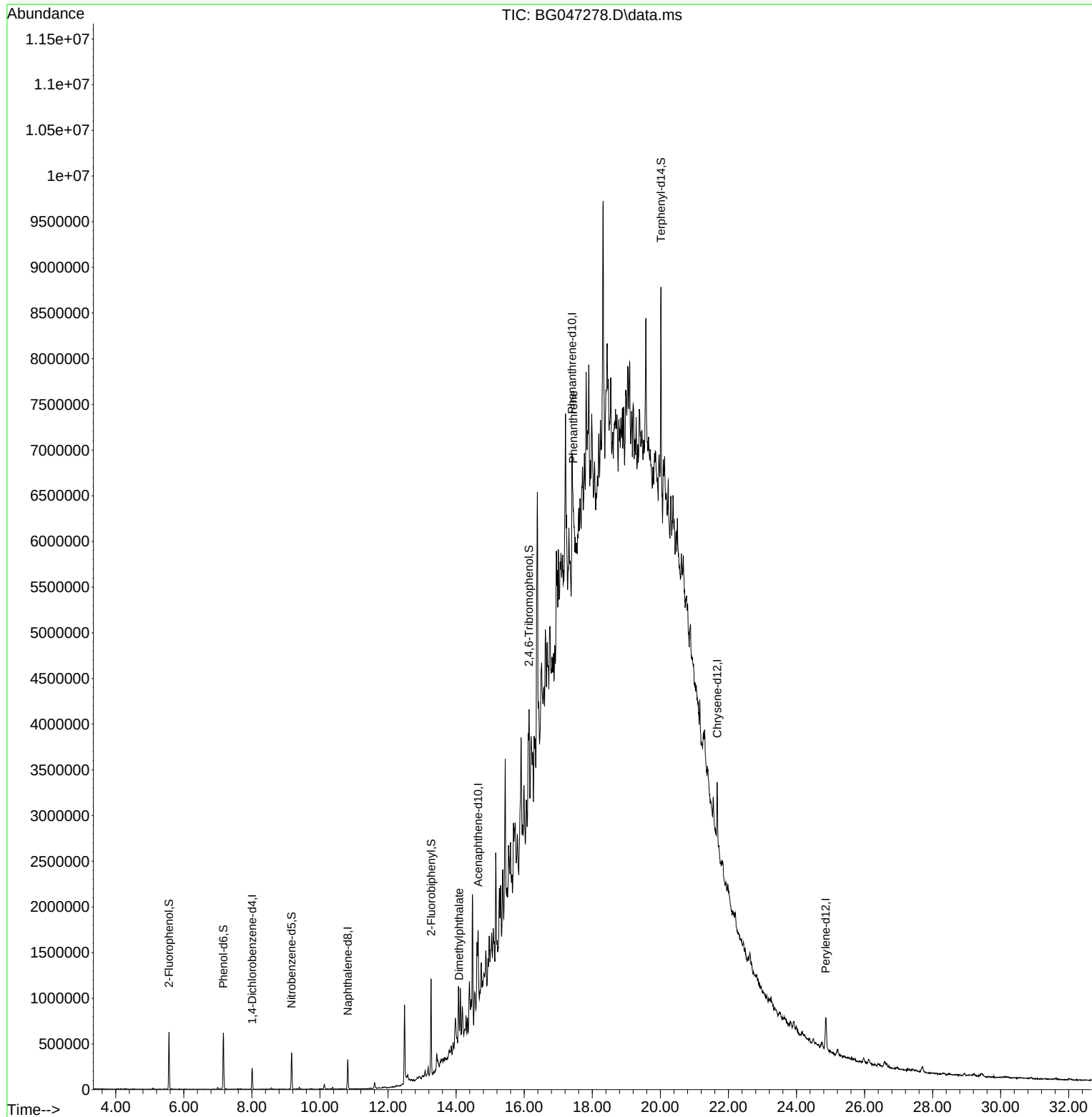
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	63655	20.00	ng	0.00
21) Naphthalene-d8	10.817	136	254702	20.00	ng	0.00
39) Acenaphthene-d10	14.648	164	166643	20.00	ng	0.00
64) Phenanthrene-d10	17.403	188	366508	20.00	ng	# 0.02
76) Chrysene-d12	21.669	240	365043	20.00	ng	0.02
86) Perylene-d12	24.859	264	360382	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	244257	62.20	ng	0.00
7) Phenol-d6	7.162	99	328933	57.86	ng	0.00
23) Nitrobenzene-d5	9.166	82	235171	39.62	ng	0.00
42) 2,4,6-Tribromophenol	16.140	330	163927	58.74	ng	0.00
45) 2-Fluorobiphenyl	13.267	172	524137	40.34	ng	0.00
79) Terphenyl-d14	20.018	244	841544	40.54	ng	0.02
Target Compounds						
50) Dimethylphthalate	14.090	163	36855	2.50	ng	# 86
71) Phenanthrene	17.444	178	267120	12.56	ng	# 84

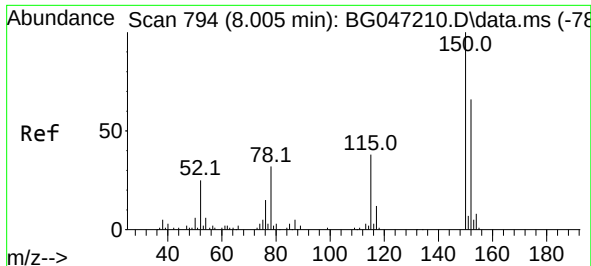
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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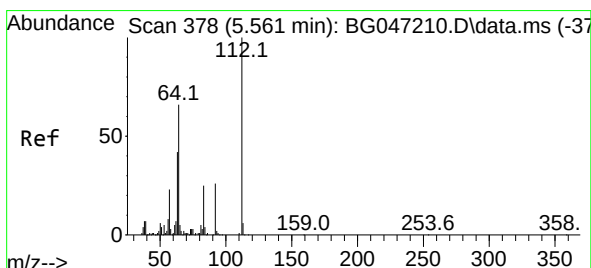
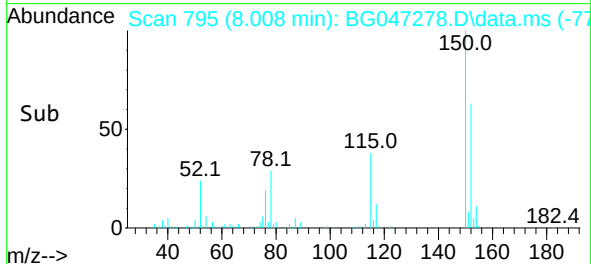
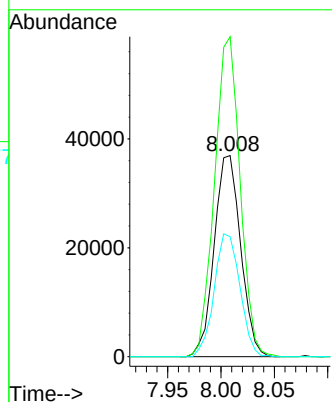
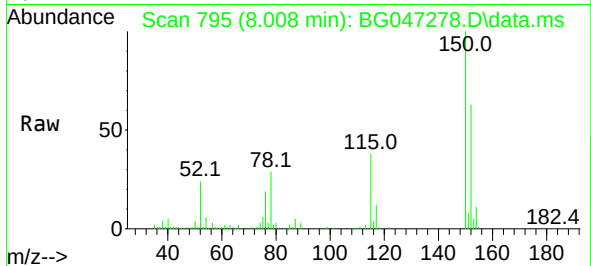




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.008 min Scan# 795
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

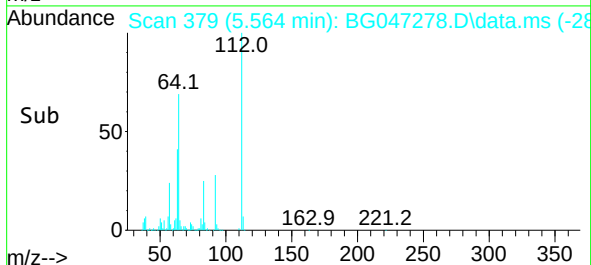
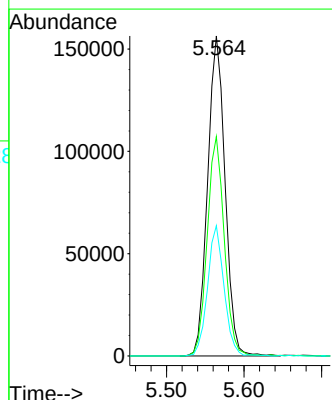
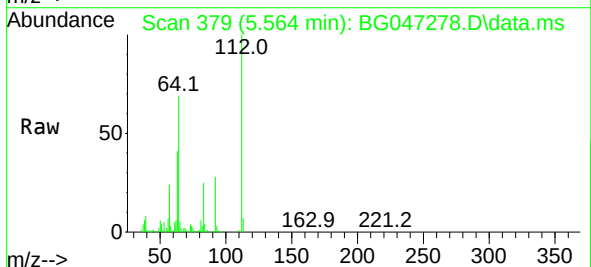
Instrument :
BNA_G
ClientSampleId :
1B

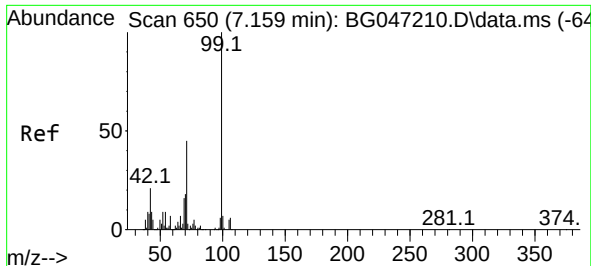
Tgt Ion:152 Resp: 63655
Ion Ratio Lower Upper
152 100
150 159.1 125.0 187.6
115 59.7 41.8 62.6



#5
2-Fluorophenol
Concen: 62.20 ng
RT: 5.564 min Scan# 379
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion:112 Resp: 244257
Ion Ratio Lower Upper
112 100
64 68.5 46.7 70.1
63 40.7 22.8 34.2#

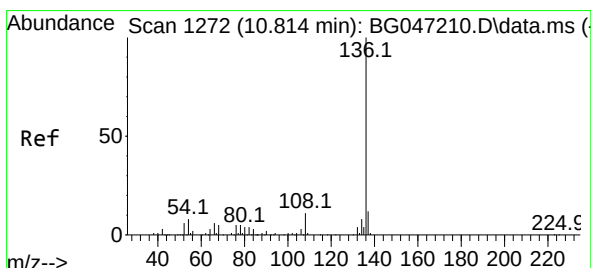
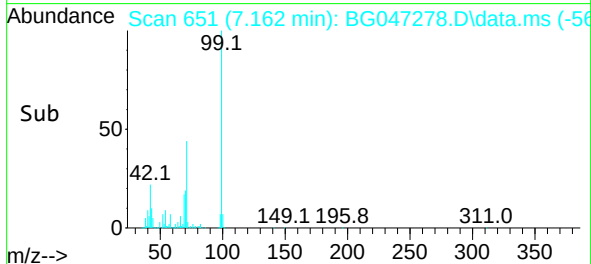
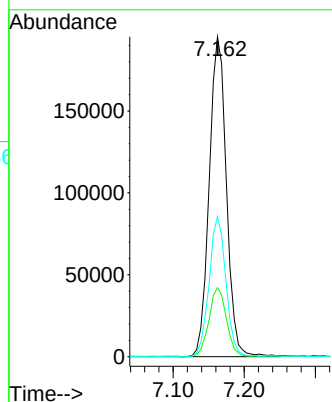
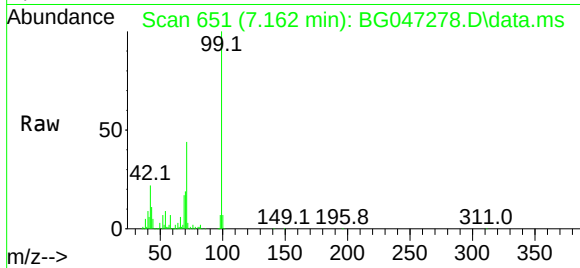




#7
Phenol-d6
Concen: 57.86 ng
RT: 7.162 min Scan# 651
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

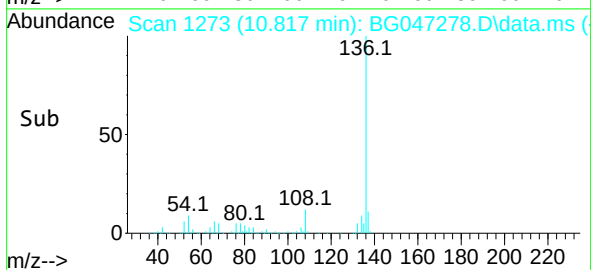
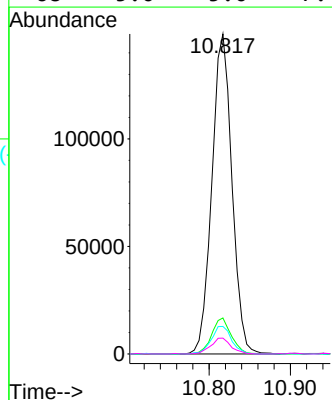
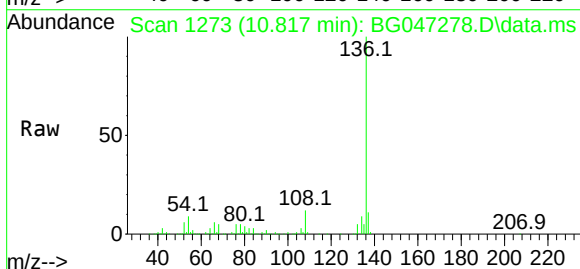
Instrument :
BNA_G
ClientSampled :
1B

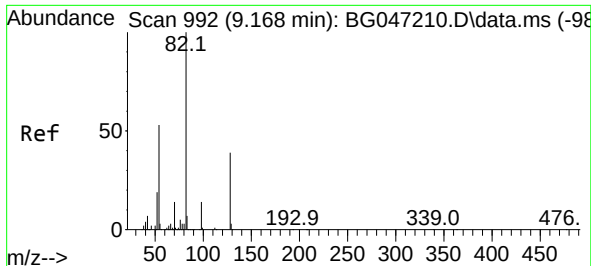
Tgt Ion: 99 Resp: 328933
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 43.8 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.817 min Scan# 1273
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion: 136 Resp: 254702
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.6 6.2 9.4
68 5.0 5.0 7.4

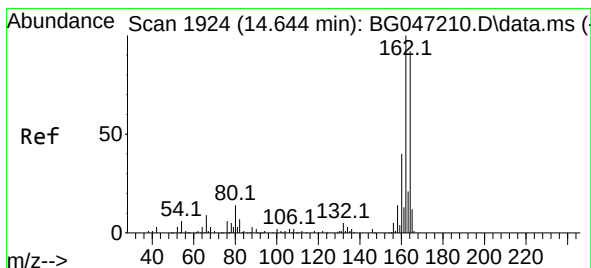
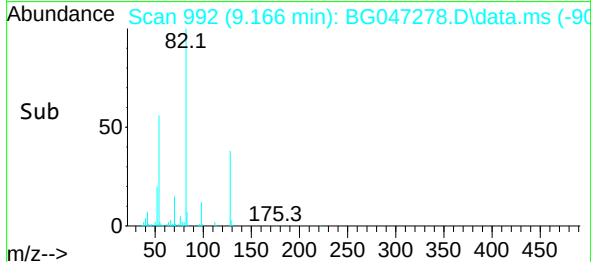
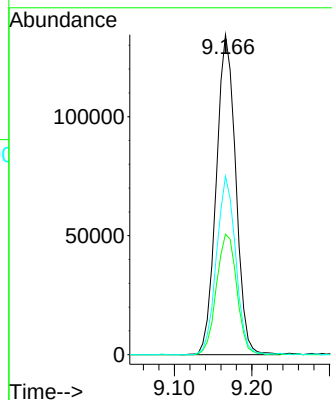
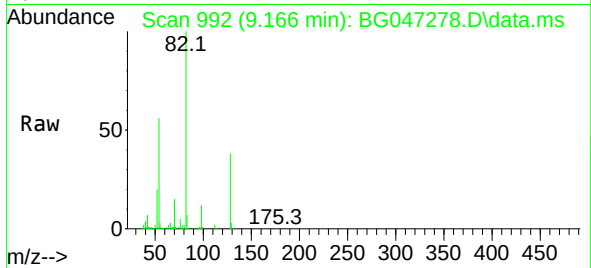




#23
Nitrobenzene-d5
Concen: 39.62 ng
RT: 9.166 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

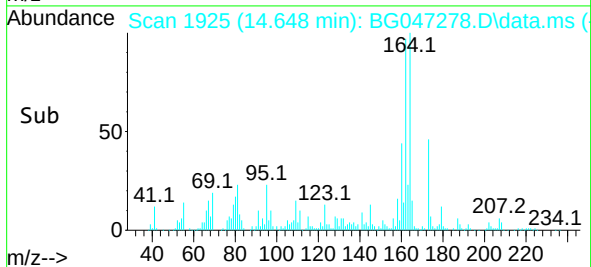
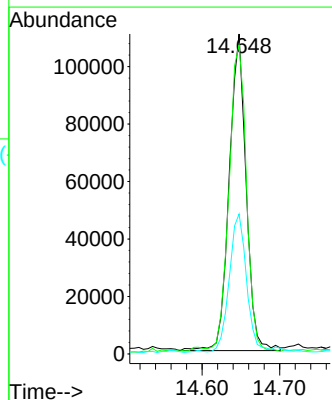
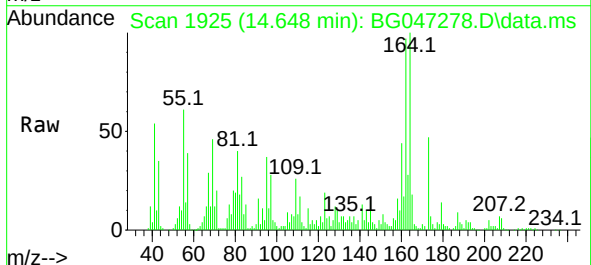
Instrument :
BNA_G
ClientSampleId :
1B

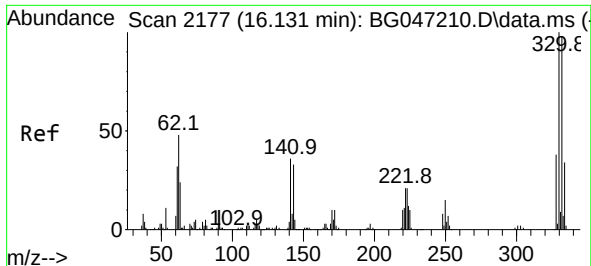
Tgt Ion: 82 Resp: 235171
Ion Ratio Lower Upper
82 100
128 37.6 37.0 55.6
54 55.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.648 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion:164 Resp: 166643
Ion Ratio Lower Upper
164 100
162 96.5 82.3 123.5
160 43.8 35.3 52.9

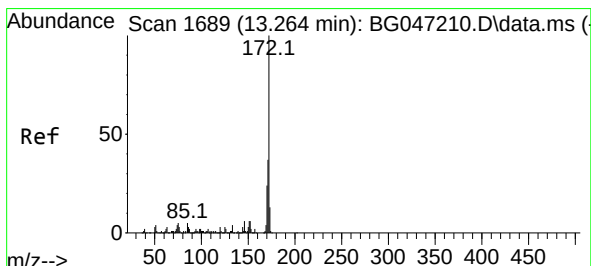
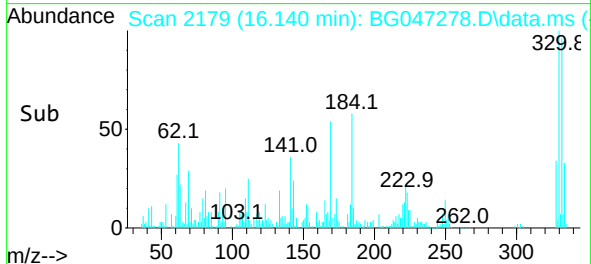
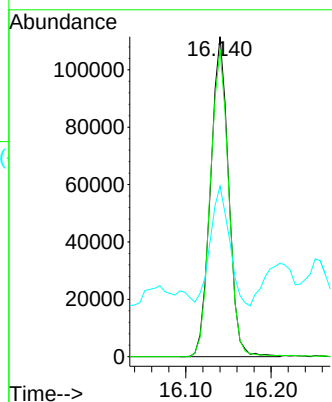
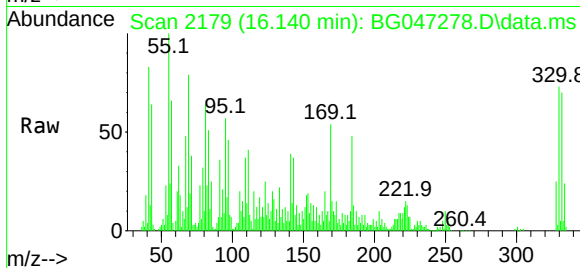




#42
2,4,6-Tribromophenol
Concen: 58.74 ng
RT: 16.140 min Scan# 2179
Delta R.T. 0.009 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

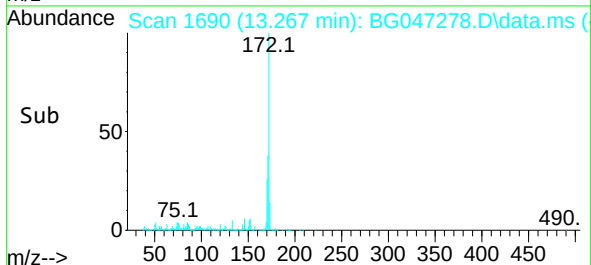
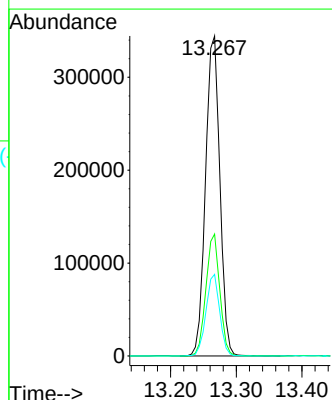
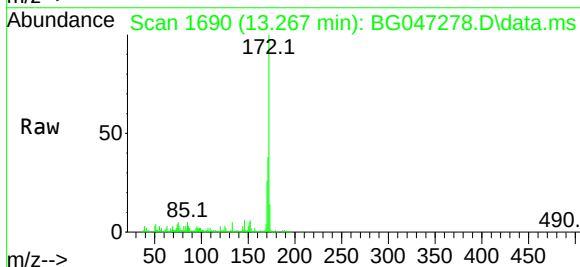
Instrument :
BNA_G
ClientSampleId :
1B

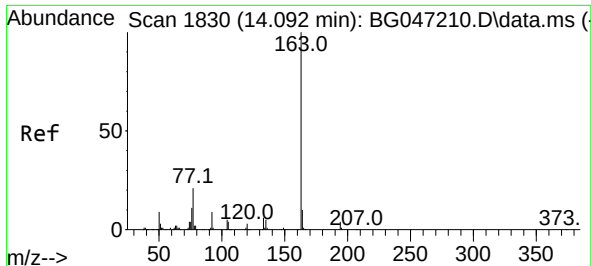
Tgt Ion:330 Resp: 163927
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 39.2 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 40.34 ng
RT: 13.267 min Scan# 1690
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion:172 Resp: 524137
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 25.5 20.8 31.2

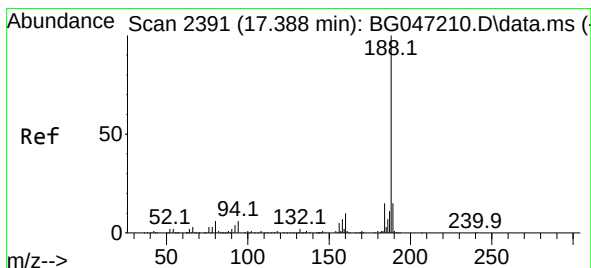
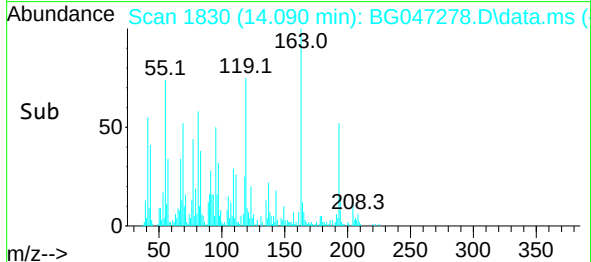
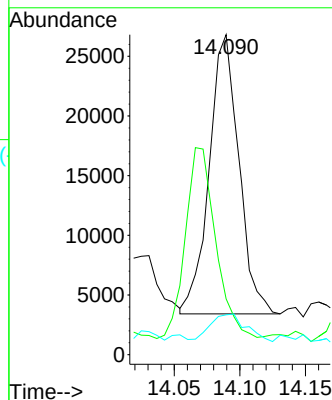
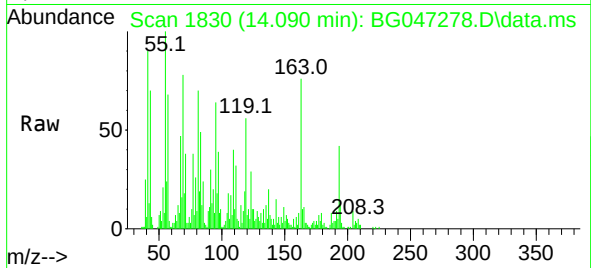




#50
Dimethylphthalate
Concen: 2.50 ng
RT: 14.090 min Scan# 1830
Delta R.T. -0.002 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

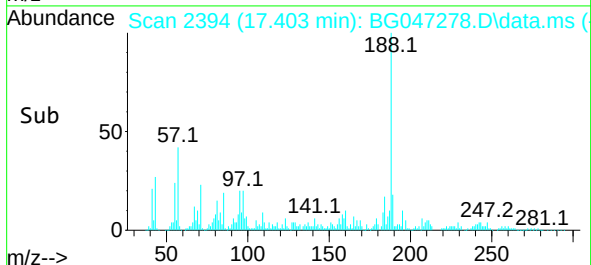
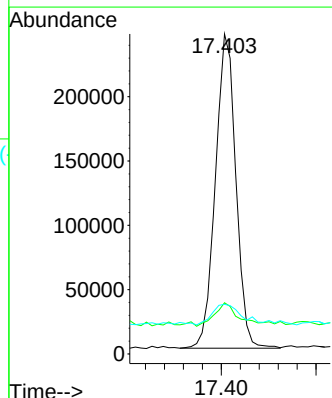
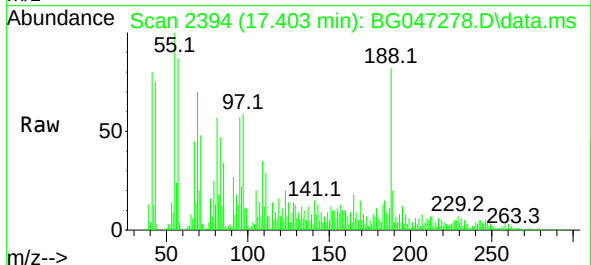
Instrument :
BNA_G
ClientSampleId :
1B

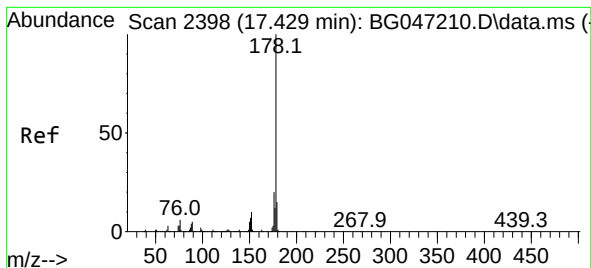
Tgt Ion:163 Resp: 36855
Ion Ratio Lower Upper
163 100
194 17.5 3.8 5.8#
164 12.5 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.403 min Scan# 2394
Delta R.T. 0.015 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion:188 Resp: 366508
Ion Ratio Lower Upper
188 100
94 16.0 6.3 9.5#
80 15.5 7.0 10.6#

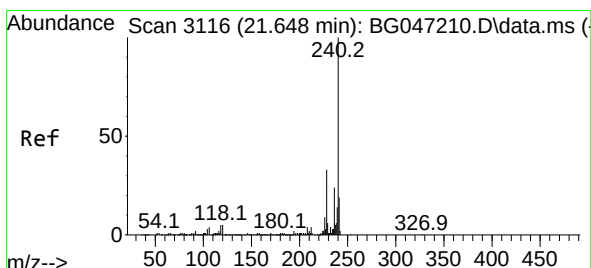
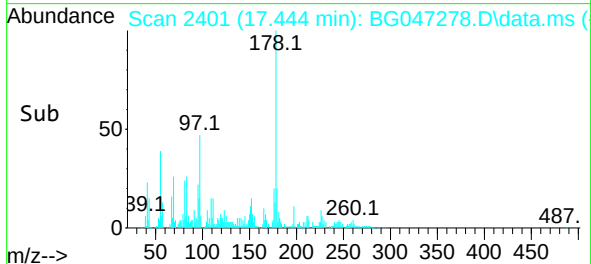
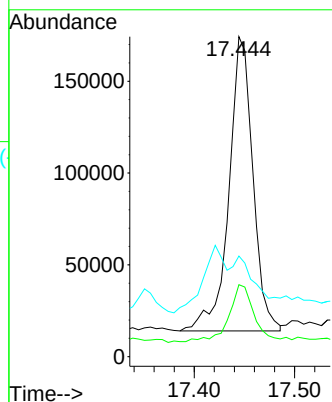
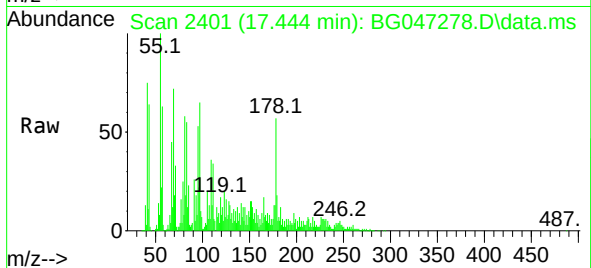




#71
Phenanthrene
Concen: 12.56 ng
RT: 17.444 min Scan# 2401
Delta R.T. 0.015 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

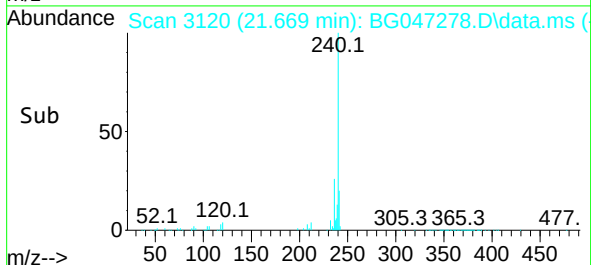
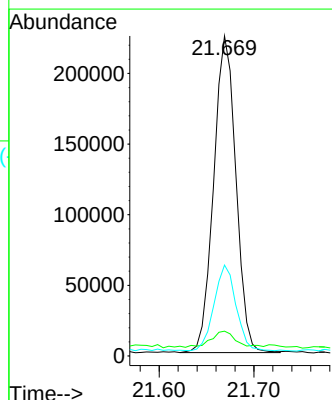
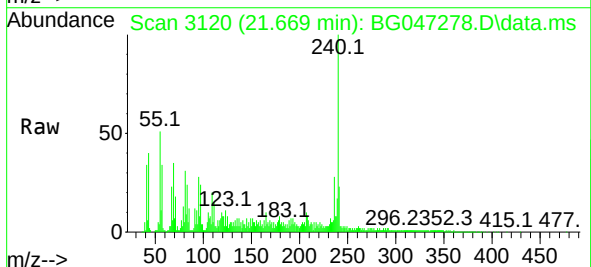
Instrument :
BNA_G
ClientSampleId :
1B

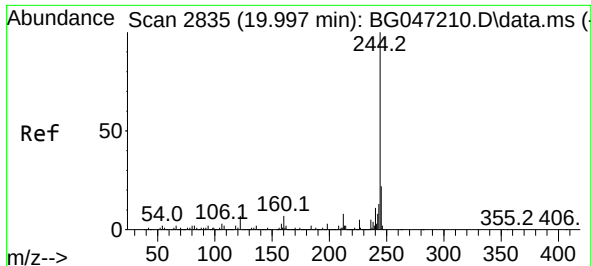
Tgt Ion:178 Resp: 267120
Ion Ratio Lower Upper
178 100
176 22.5 16.7 25.1
179 31.4 14.0 21.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3120
Delta R.T. 0.021 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion:240 Resp: 365043
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.4
236 28.4 20.5 30.7

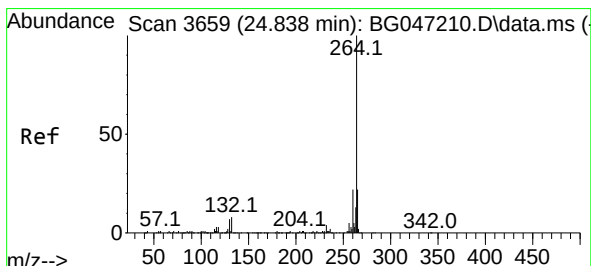
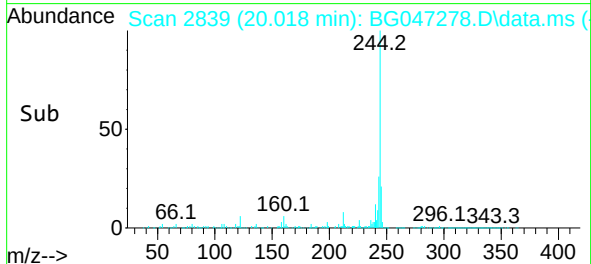
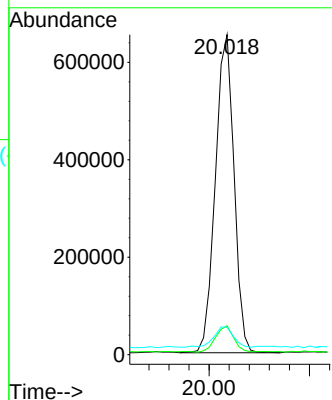
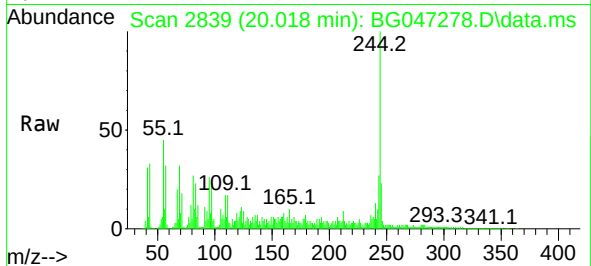




#79
 Terphenyl-d14
 Concen: 40.54 ng
 RT: 20.018 min Scan# 2839
 Delta R.T. 0.021 min
 Lab File: BG047278.D
 Acq: 10 Nov 2020 21:05

Instrument :
 BNA_G
 ClientSampleId :
 1B

Tgt Ion:244 Resp: 841544
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.7 10.1
 122 8.6 7.8 11.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.859 min Scan# 3663
 Delta R.T. 0.021 min
 Lab File: BG047278.D
 Acq: 10 Nov 2020 21:05

Tgt Ion:264 Resp: 360382
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 24.0 17.8 26.8

