

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

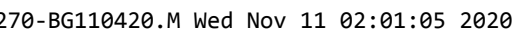
Quant Time: Nov 11 02:00:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

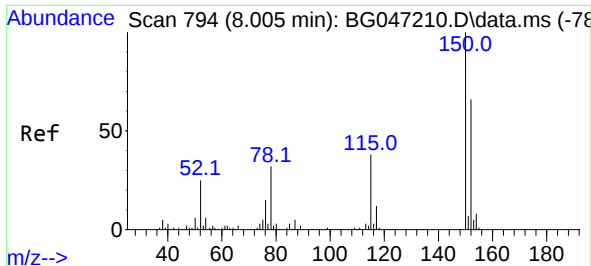
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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						Qvalue
19) n-Nitroso-di-n-propyla...	9.166	70	33328	8.92	ng	# 76
32) Benzoic acid	10.135	122	276	4.83	ng	# 11
50) Dimethylphthalate	14.090	163	36855	2.50	ng	# 86
51) 2,6-Dinitrotoluene	14.195	165	6582	2.16	ng	# 76
53) 3-Nitroaniline	14.554	138	9871	3.25	ng	# 35
56) 4-Nitrophenol	14.847	139	9938	4.22	ng	# 1
62) 4-Nitroaniline	15.541	138	26103	8.00	ng	90
65) 4,6-Dinitro-2-methylph...	15.741	198	7337	2.88	ng	# 1
66) n-Nitrosodiphenylamine	15.911	169	72861	6.46	ng	# 41
71) Phenanthrene	17.444	178	267120	12.56	ng	# 84

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

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QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

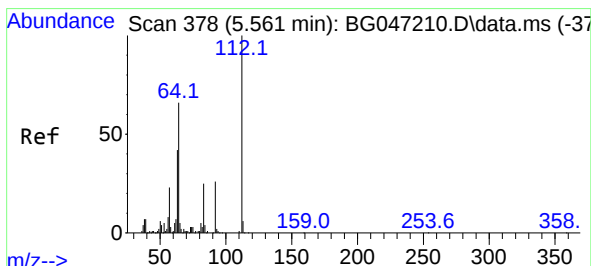
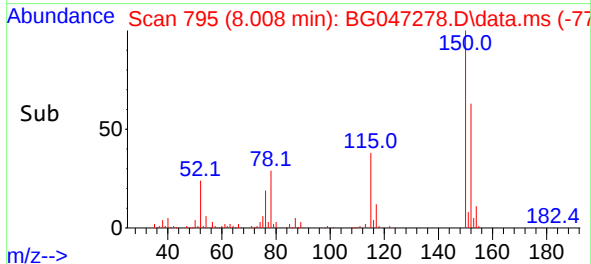
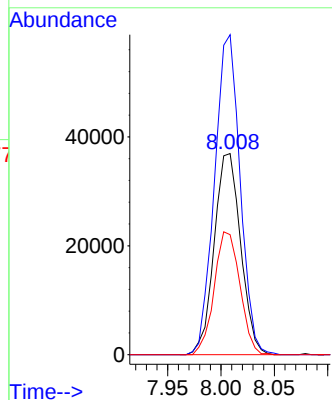
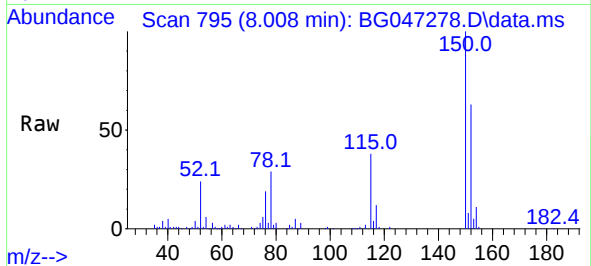




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.008 min Scan# 795
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

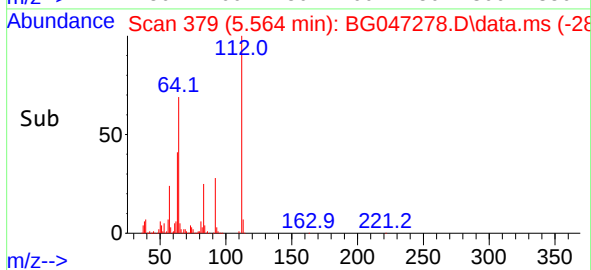
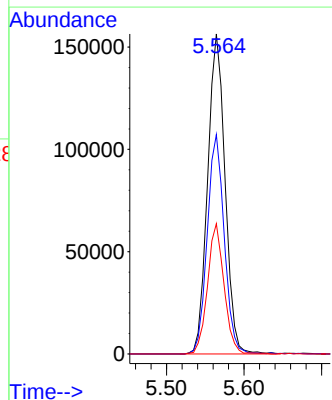
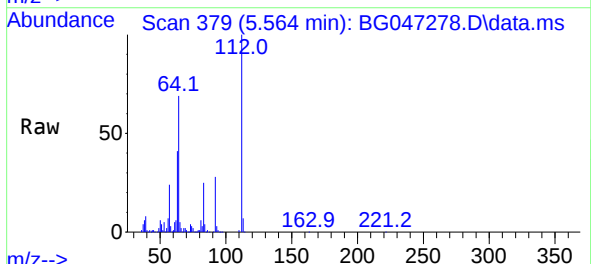
Instrument :
BNA_G
ClientSampleId :
1B

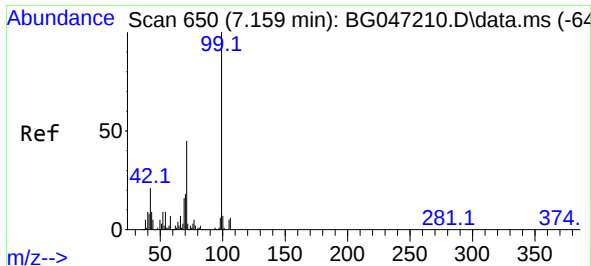
Tgt Ion:152 Resp: 63655
Ion Ratio Lower Upper
152 100
150 159.1 125.0 187.6
115 59.7 41.8 62.6



#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#

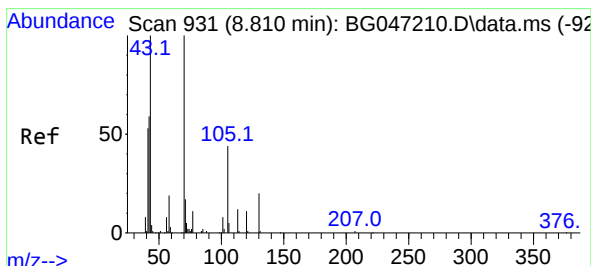
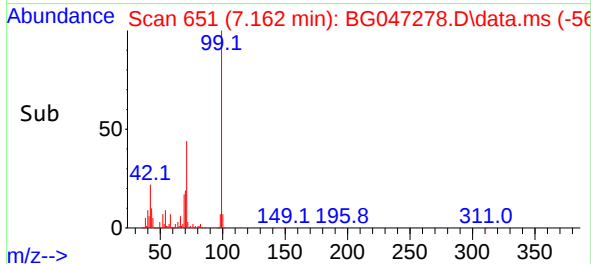
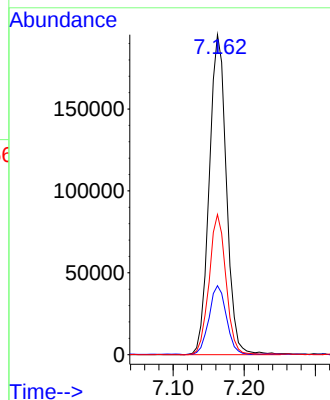
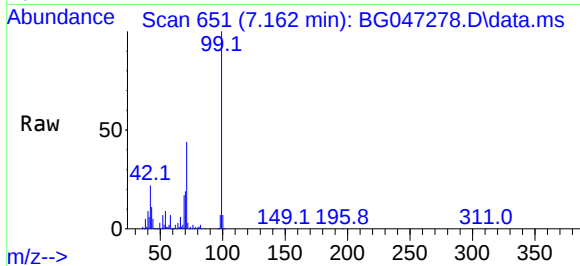




#7
Phenol-d6
Concen: 57.86 ng
RT: 7.162 min Scan# 651
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

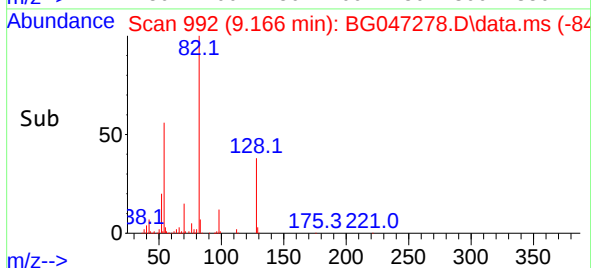
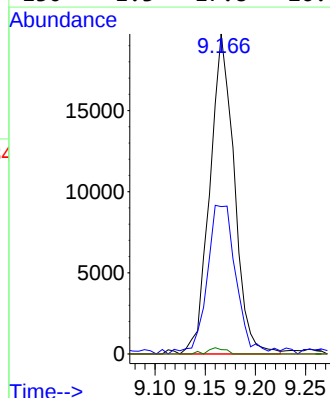
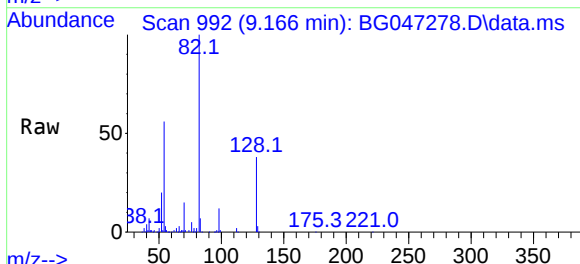
Instrument :
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ClientSampleId :
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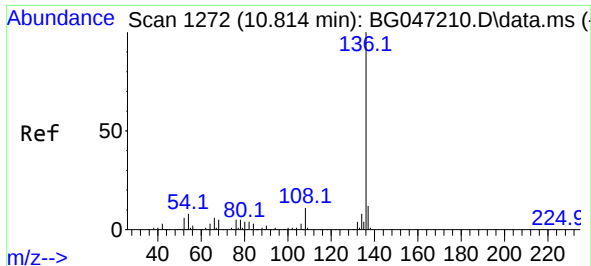
Tgt Ion: 99 Resp: 328933
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 43.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 8.92 ng
RT: 9.166 min Scan# 992
Delta R.T. 0.356 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion: 70 Resp: 33328
Ion Ratio Lower Upper
70 100
42 46.0 45.6 68.4
101 0.0 8.4 12.6#
130 1.3 17.8 26.8#

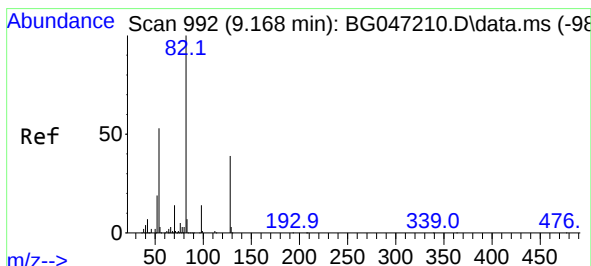
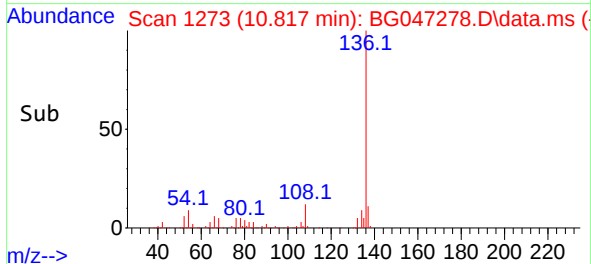
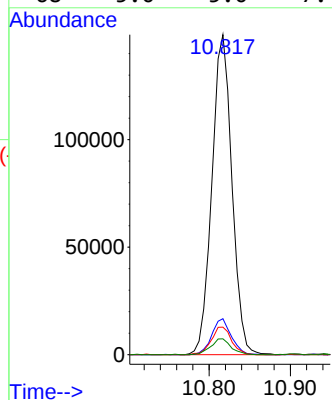
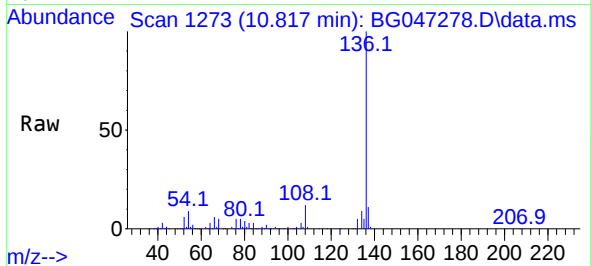




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.817 min Scan# 1273
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

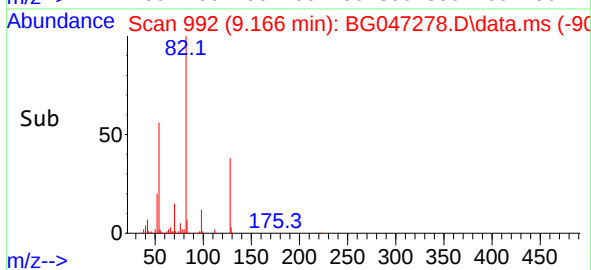
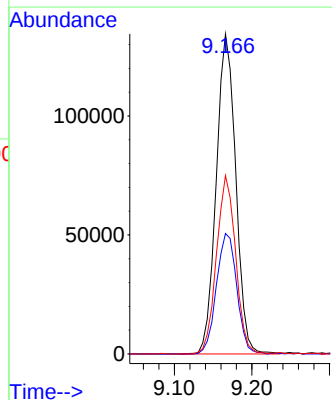
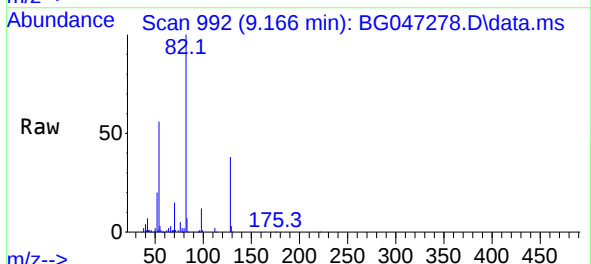
Instrument :
BNA_G
ClientSampleId :
1B

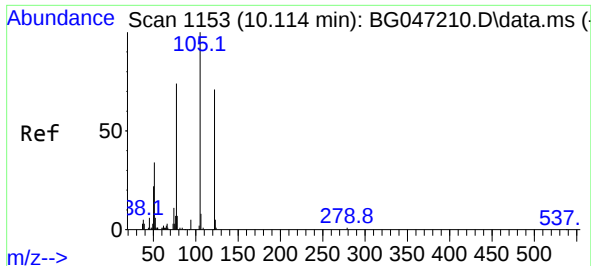
Tgt Ion:	136	Resp:	254702
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.6	6.2	9.4
68	5.0	5.0	7.4



#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

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

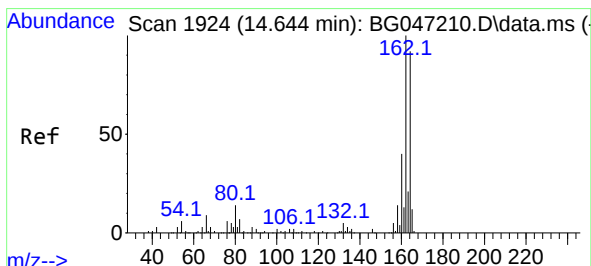
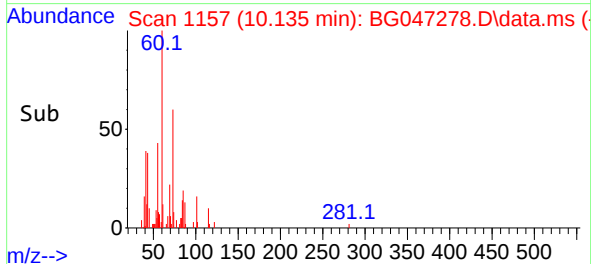
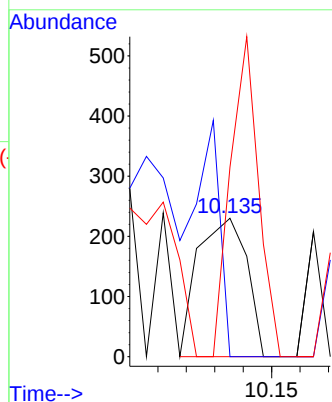
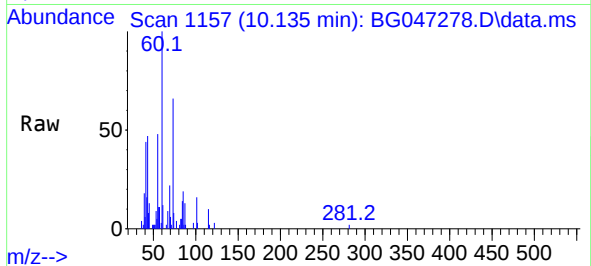




#32
Benzoic acid
Concen: 4.83 ng
RT: 10.135 min Scan# 1157
Delta R.T. 0.021 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

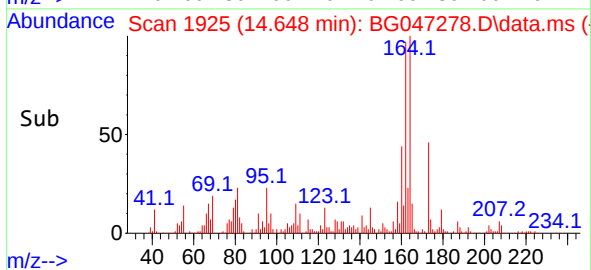
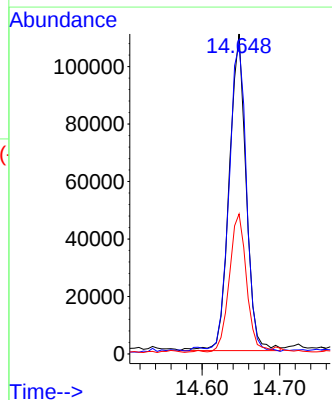
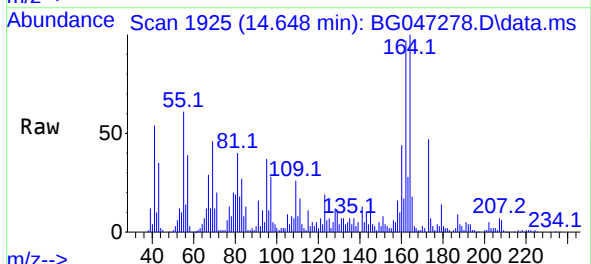
Instrument :
BNA_G
ClientSampleId :
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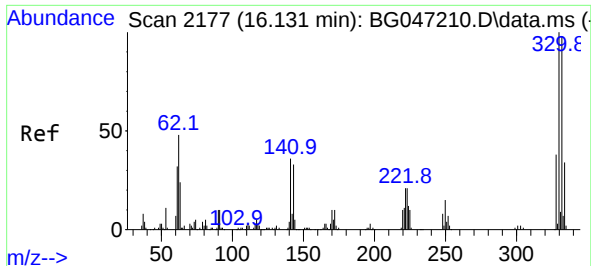
Tgt Ion:122 Resp: 276
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 137.0 63.0 103.0#



#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

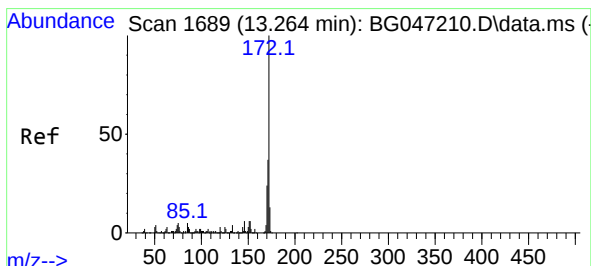
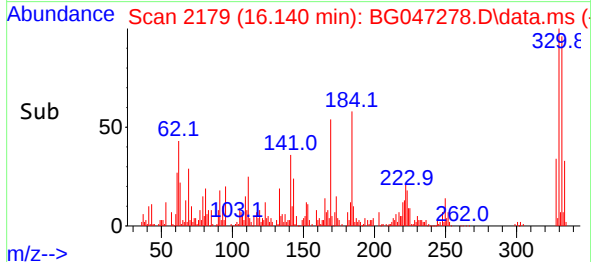
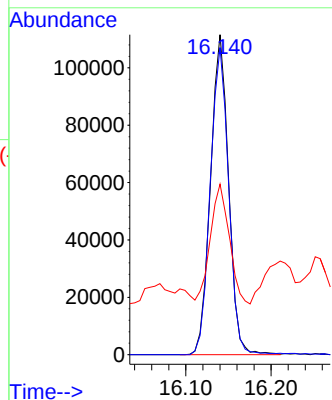
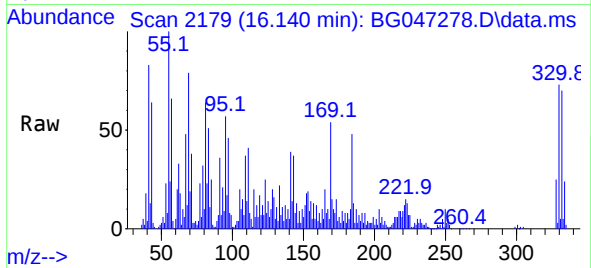




#42
2,4,6-Tribromophenol
Concen: 58.74 ng
RT: 16.140 min Scan# 2179
Delta R.T. 0.009 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

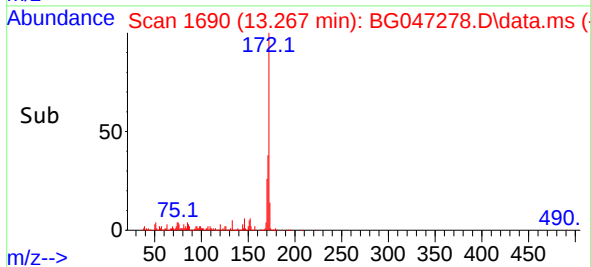
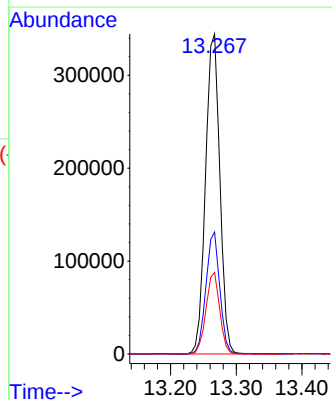
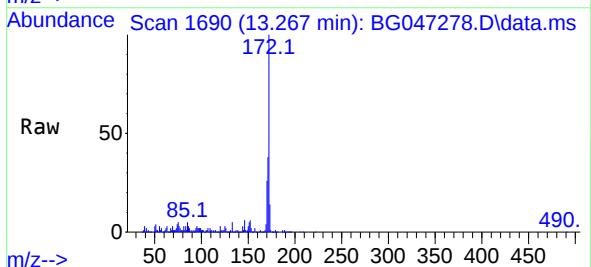
Instrument :
BNA_G
ClientSampleId :
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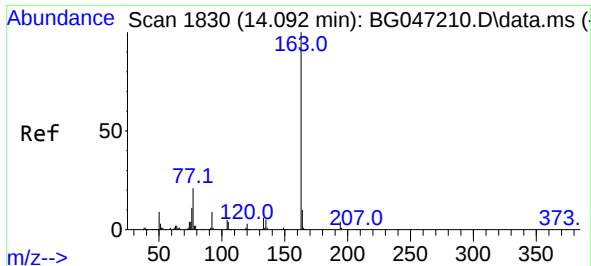
Tgt Ion:330 Resp: 163927
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 39.2 26.0 39.0#



#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

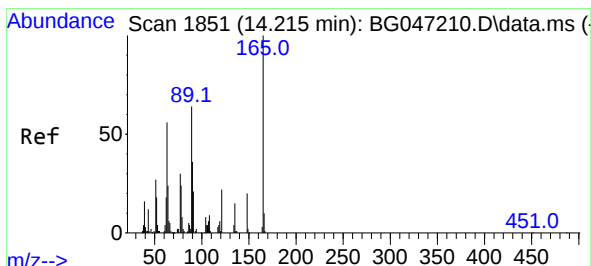
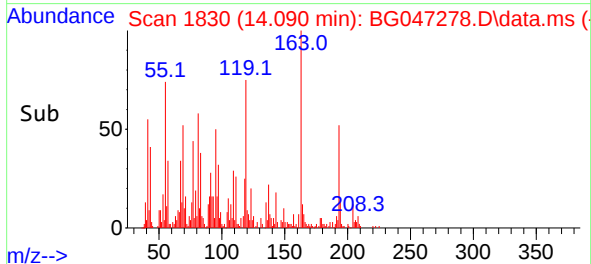
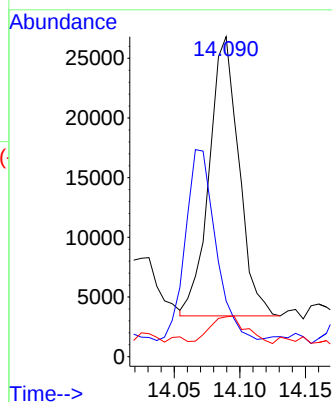
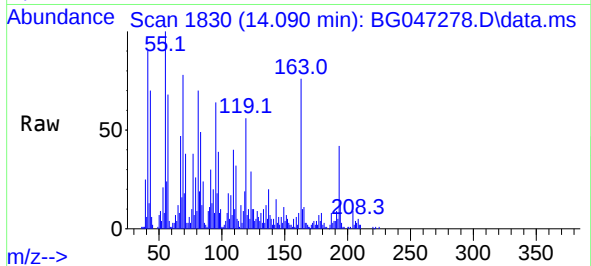




#50
Dimethylphthalate
Concen: 2.50 ng
RT: 14.090 min Scan# 1830
Delta R.T. -0.002 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

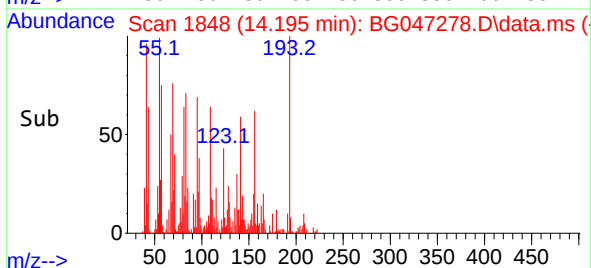
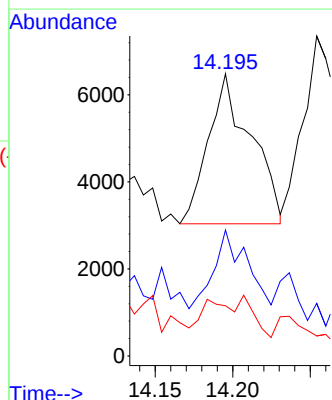
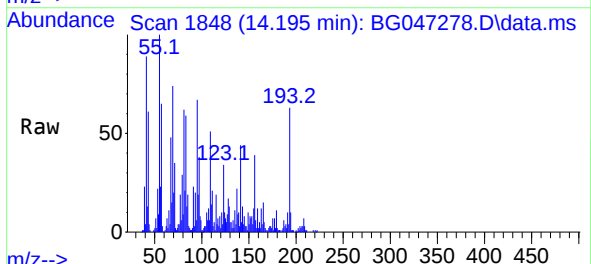
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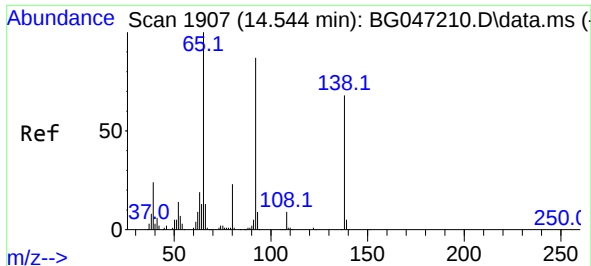
Tgt Ion:163 Resp: 36855
Ion Ratio Lower Upper
163 100
194 17.5 3.8 5.8#
164 12.5 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 2.16 ng
RT: 14.195 min Scan# 1848
Delta R.T. -0.020 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion:165 Resp: 6582
Ion Ratio Lower Upper
165 100
63 44.6 33.7 50.5
89 17.8 36.6 54.8#

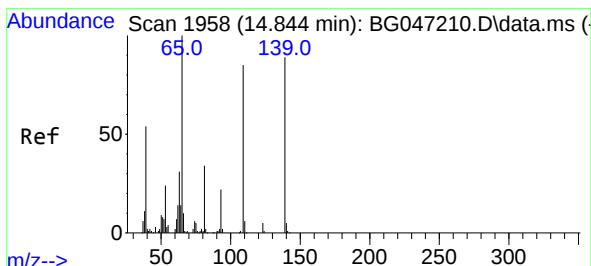
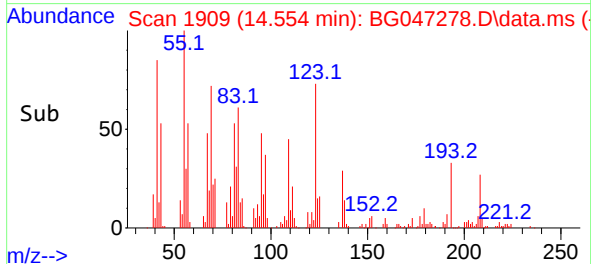
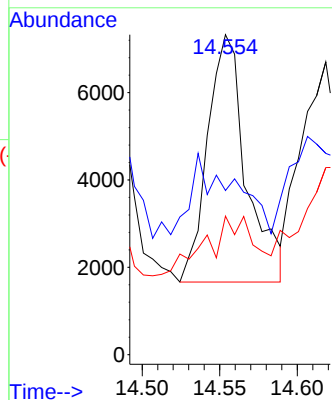
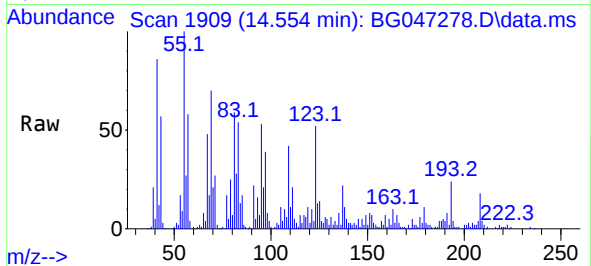




#53
3-Nitroaniline
Concen: 3.25 ng
RT: 14.554 min Scan# 1909
Delta R.T. 0.009 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

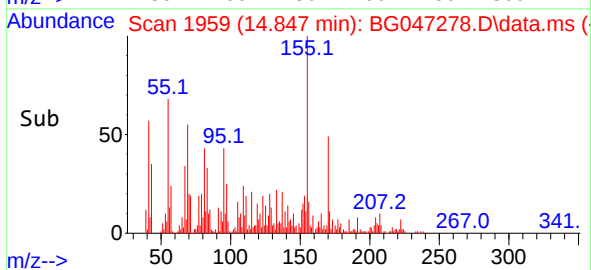
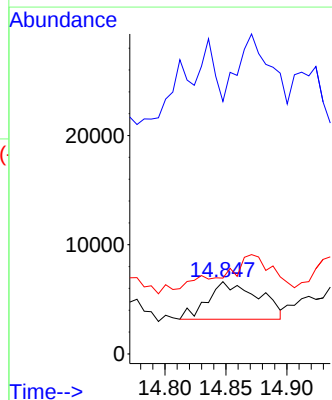
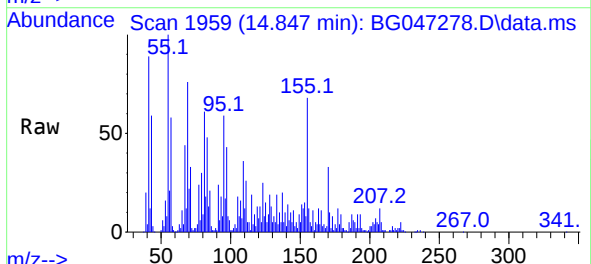
Instrument :
BNA_G
ClientSampled :
1B

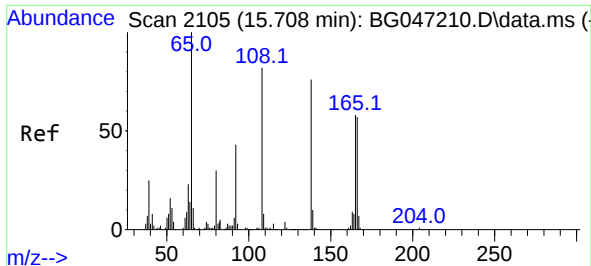
Tgt Ion:138 Resp: 9871
Ion Ratio Lower Upper
138 100
108 51.3 7.4 11.0#
92 43.3 85.2 127.8#



#56
4-Nitrophenol
Concen: 4.22 ng
RT: 14.847 min Scan# 1959
Delta R.T. 0.003 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion:139 Resp: 9938
Ion Ratio Lower Upper
139 100
109 349.4 45.9 85.9#
65 104.9 65.4 105.4

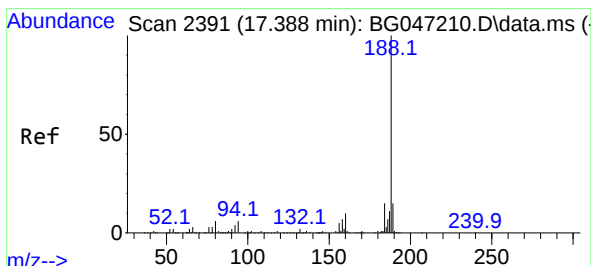
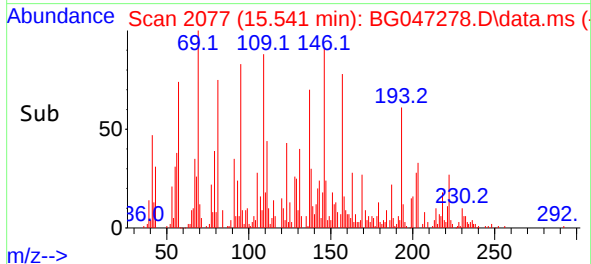
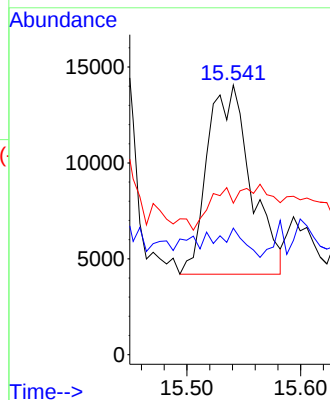
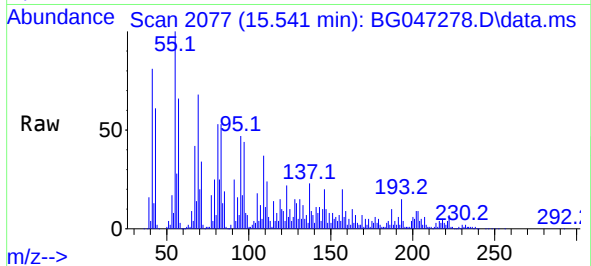




#62
4-Nitroaniline
Concen: 8.00 ng
RT: 15.541 min Scan# 2077
Delta R.T. -0.167 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

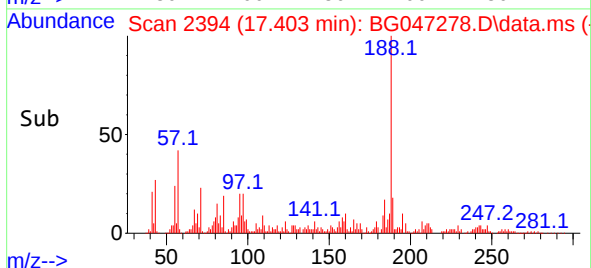
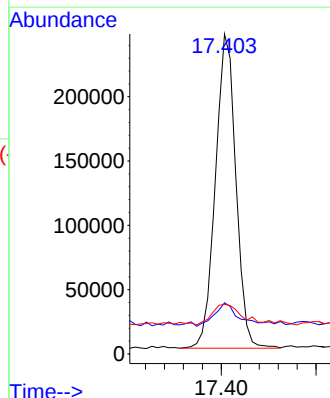
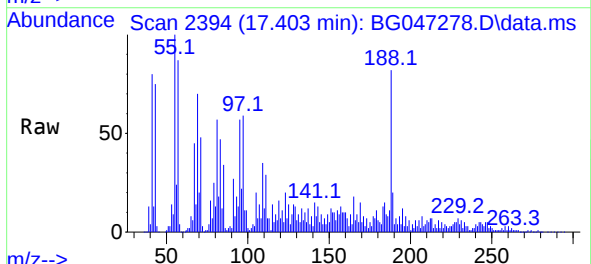
Instrument :
BNA_G
ClientSampleId :
1B

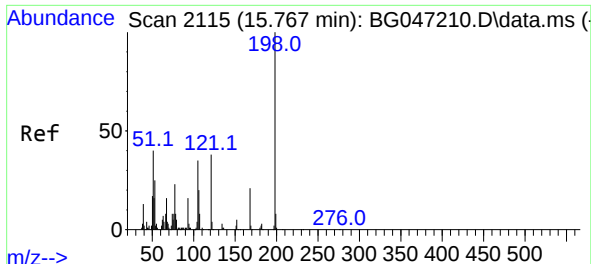
Tgt Ion:138 Resp: 26103
Ion Ratio Lower Upper
138 100
92 47.0 26.9 66.9
108 56.2 49.4 89.4



#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#

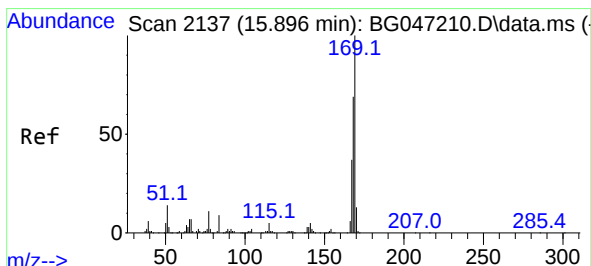
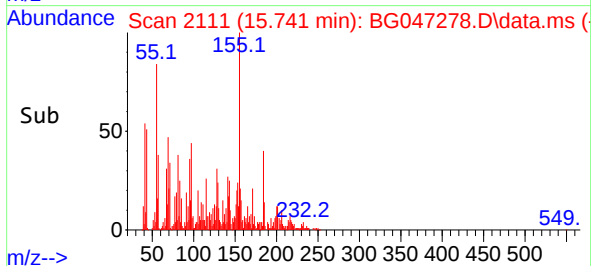
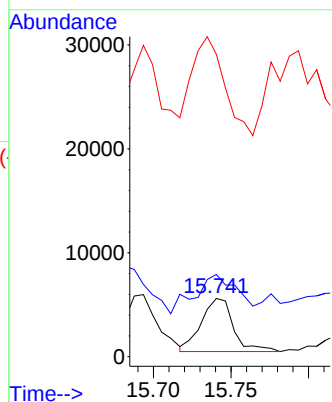
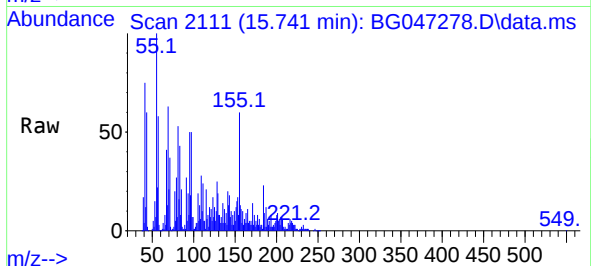




#65
4,6-Dinitro-2-methylphenol
Concen: 2.88 ng
RT: 15.741 min Scan# 2111
Delta R.T. -0.026 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

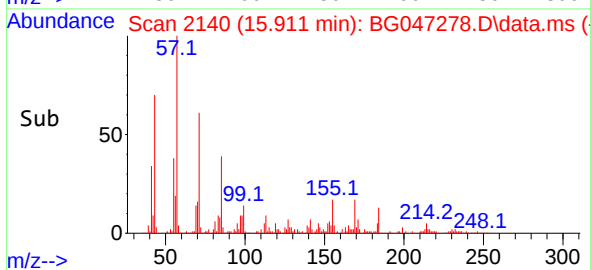
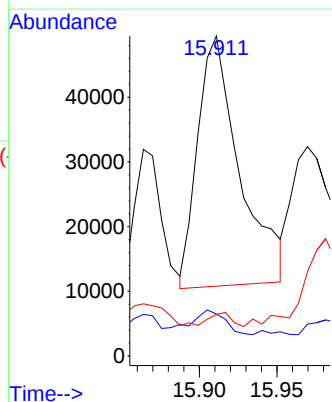
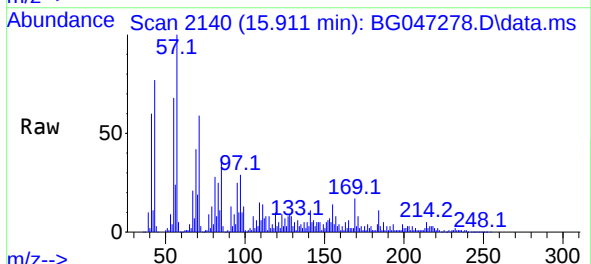
Instrument :
BNA_G
ClientSampleId :
1B

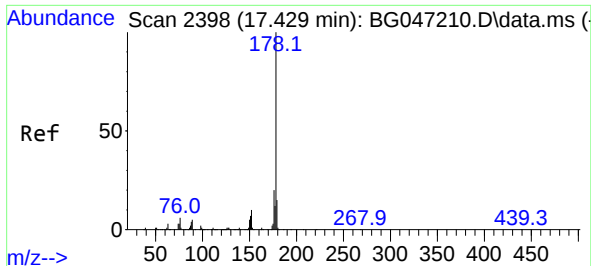
Tgt Ion:198 Resp: 7337
Ion Ratio Lower Upper
198 100
51 141.1 10.4 50.4#
105 518.9 12.9 52.9#



#66
n-Nitrosodiphenylamine
Concen: 6.46 ng
RT: 15.911 min Scan# 2140
Delta R.T. 0.015 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

Tgt Ion:169 Resp: 72861
Ion Ratio Lower Upper
169 100
168 13.1 55.5 83.3#
167 13.0 30.5 45.7#

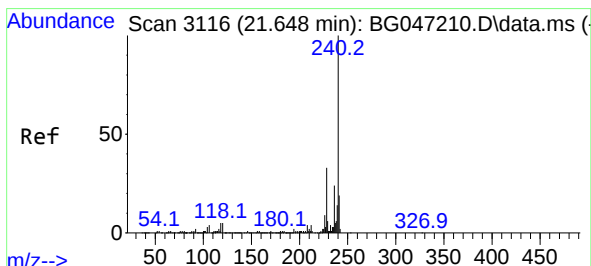
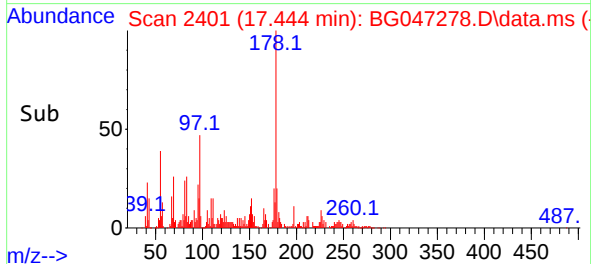
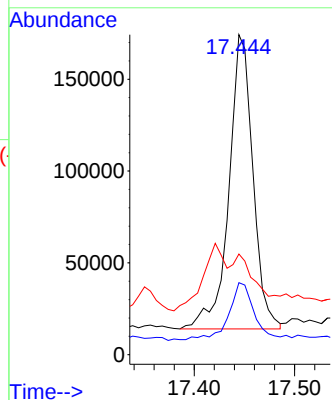
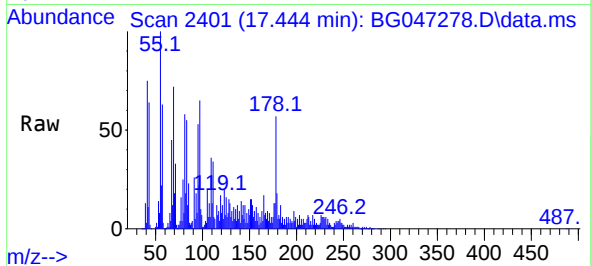




#71
Phenanthrene
Concen: 12.56 ng
RT: 17.444 min Scan# 2401
Delta R.T. 0.015 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

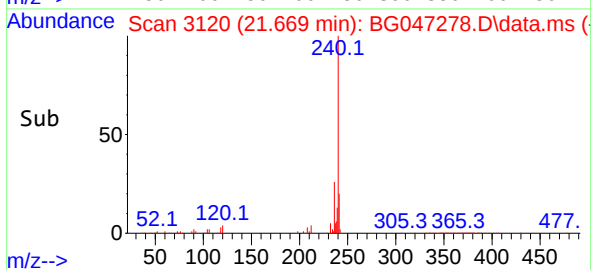
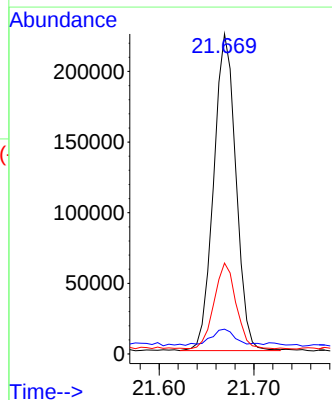
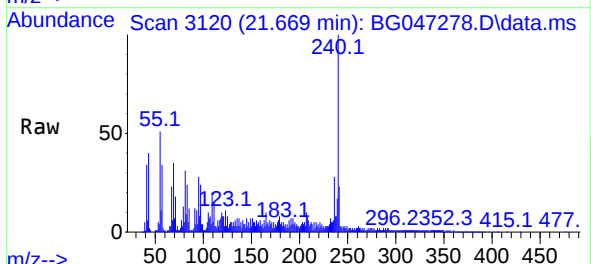
Instrument :
BNA_G
ClientSampleId :
1B

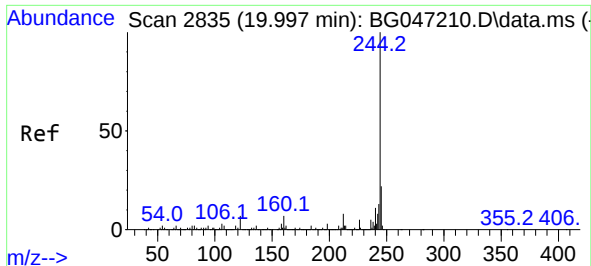
Tgt Ion:178 Resp: 267120
Ion Ratio Lower Upper
178 100
176 22.5 16.7 25.1
179 31.4 14.0 21.0#



#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

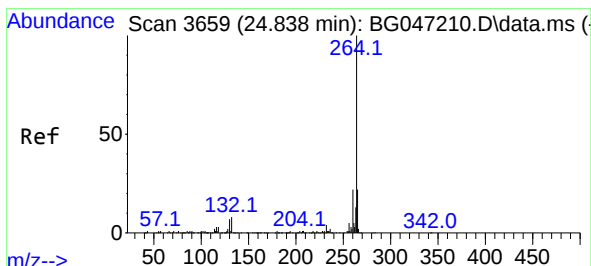
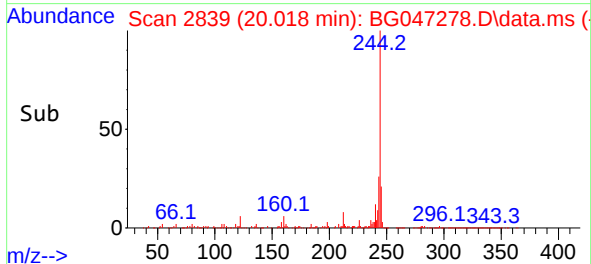
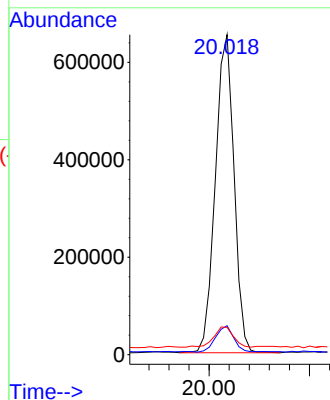
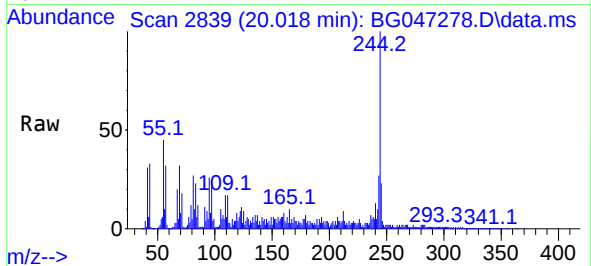




#79
Terphenyl-d14
Concen: 40.54 ng
RT: 20.018 min Scan# 2839
Delta R.T. 0.021 min
Lab File: BG047278.D
Acq: 10 Nov 2020 21:05

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

