

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048713.D
 Acq On : 15 Apr 2021 17:44
 Operator : CG/JU
 Sample : M1998-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5A

Quant Time: Apr 16 00:33:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 10:59:37 2021
 Response via : Initial Calibration

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

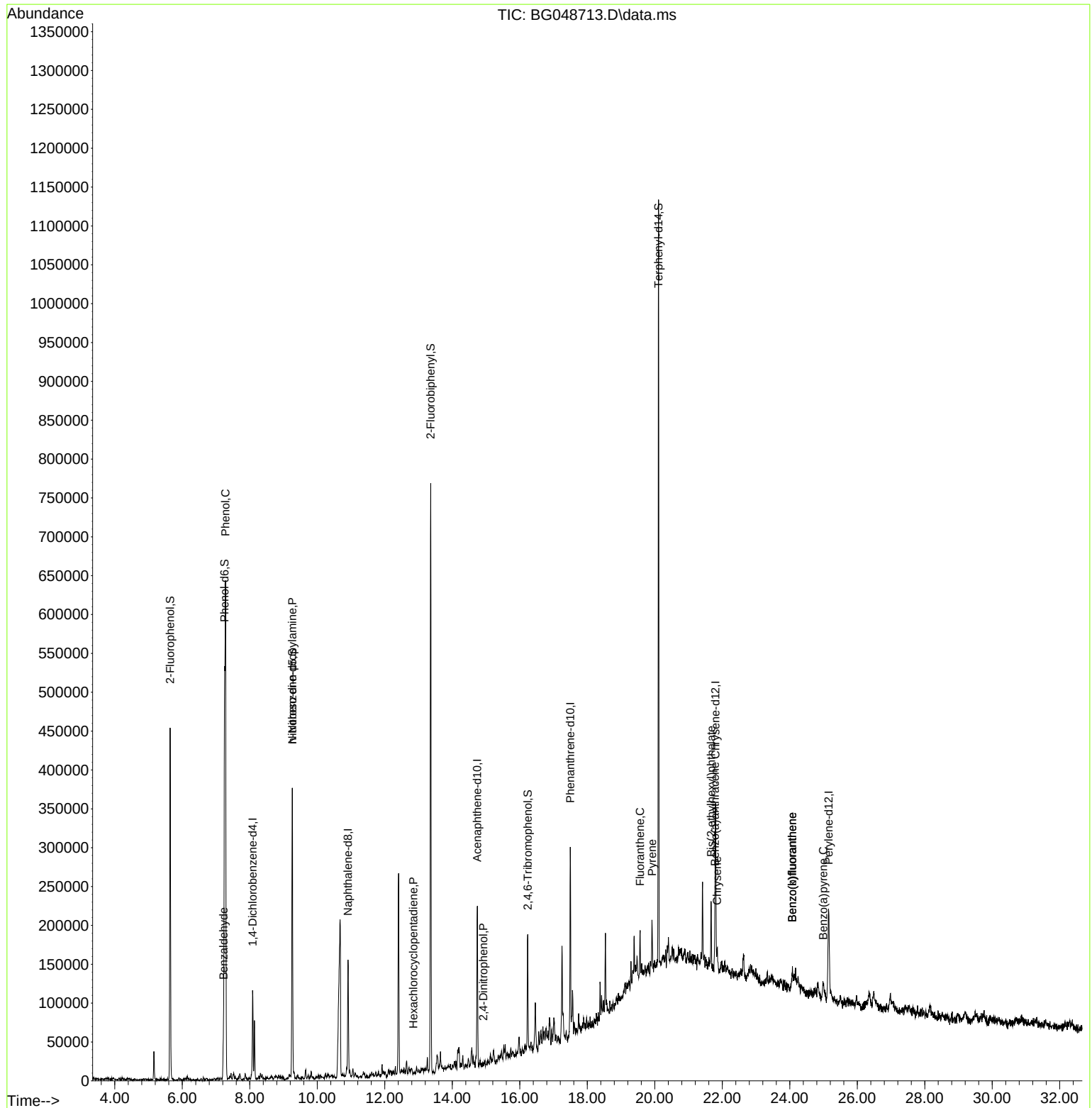
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	27662	20.00	ng	# 0.00
21) Naphthalene-d8	10.911	136	116606	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	69012	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	143053	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	127006	20.00	ng	# 0.00
86) Perylene-d12	25.147	264	129086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	175810	106.30	ng	0.00
7) Phenol-d6	7.256	99	266491	113.91	ng	0.02
23) Nitrobenzene-d5	9.260	82	205896	79.05	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	24973	26.99	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	368622	77.14	ng	0.00
79) Terphenyl-d14	20.112	244	424759	57.56	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.221	77	17268	11.14	ng	93
10) Phenol	7.280	94	292267	127.05	ng	97
19) n-Nitroso-di-n-propyla...	9.260	70	33043	20.94	ng	# 73
41) Hexachlorocyclopentadiene	12.850	237	55	5.90	ng	# 31
54) 2,4-Dinitrophenol	14.918	184	59	5.36	ng	# 51
75) Fluoranthene	19.565	202	35867	3.82	ng	96
78) Pyrene	19.918	202	36949	4.21	ng	95
81) Benzo(a)anthracene	21.780	228	19556	2.25	ng	# 79
83) Chrysene	21.845	228	24192	2.93	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.669	149	28948	6.02	ng	97
88) Benzo(b)fluoranthene	24.078	252	25903	2.96	ng	# 85
89) Benzo(k)fluoranthene	24.078	252	25903	3.15	ng	# 90
90) Benzo(a)pyrene	24.994	252	24225	3.00	ng	# 93

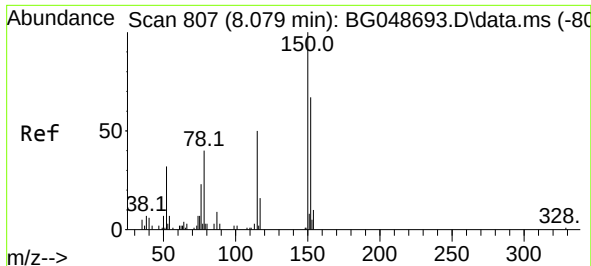
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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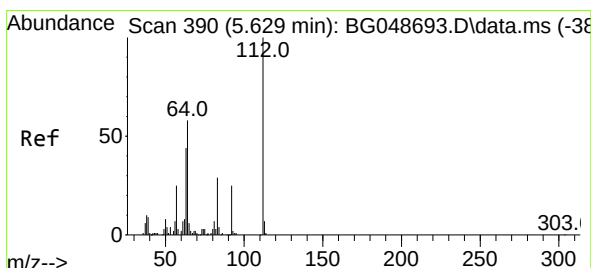
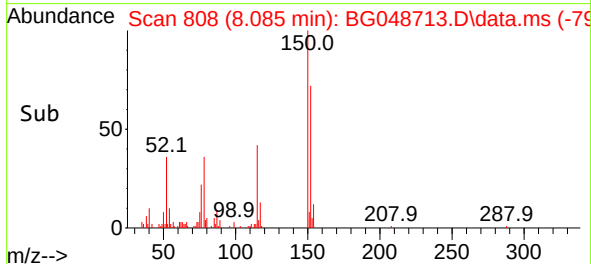
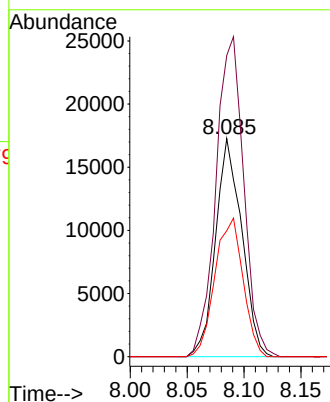
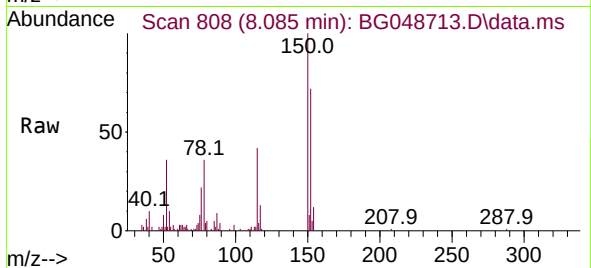




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.002 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

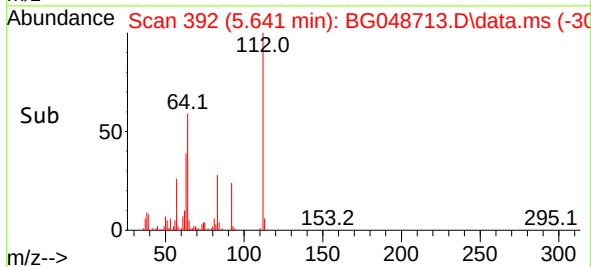
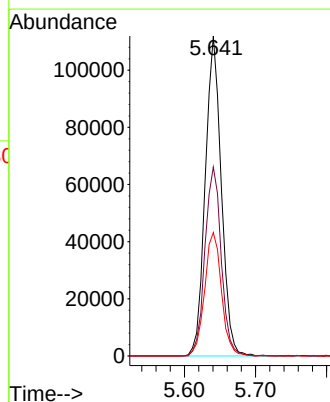
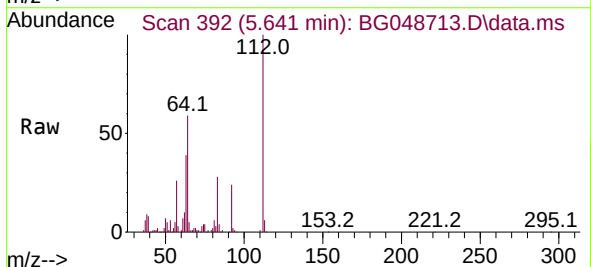
Instrument :
BNA_G
ClientSampleId :
SB-5A

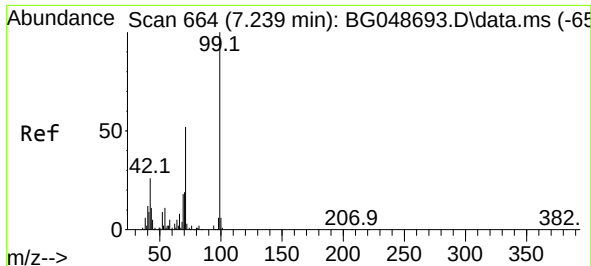
Tgt Ion:152 Resp: 27662
Ion Ratio Lower Upper
152 100
150 138.2 119.4 179.0
115 57.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 106.30 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion:112 Resp: 175810
Ion Ratio Lower Upper
112 100
64 59.0 46.7 70.1
63 38.6 35.3 52.9

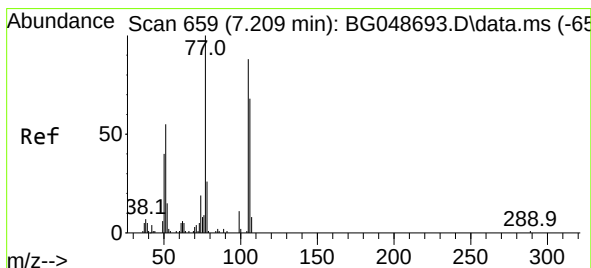
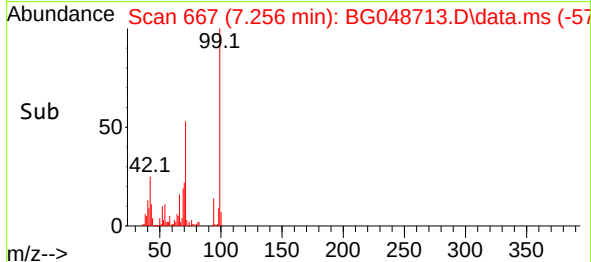
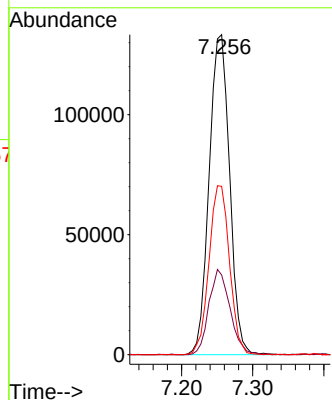
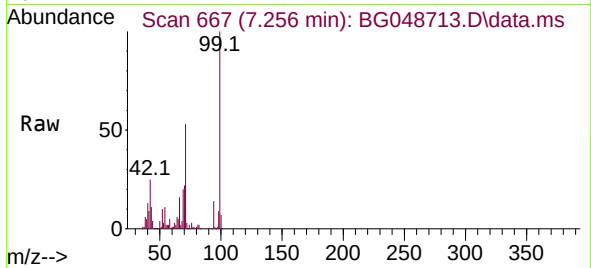




#7
Phenol-d6
Concen: 113.91 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.015 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

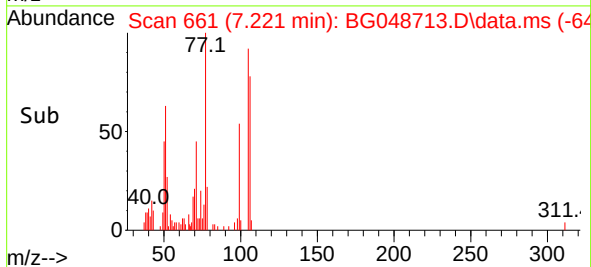
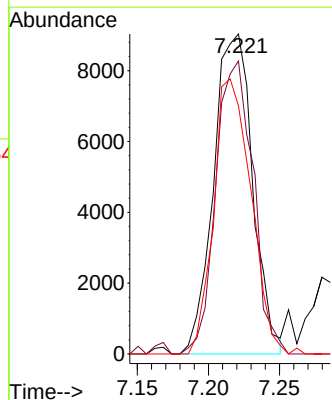
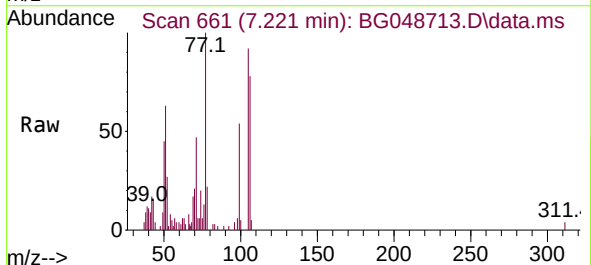
Instrument :
BNA_G
ClientSampleId :
SB-5A

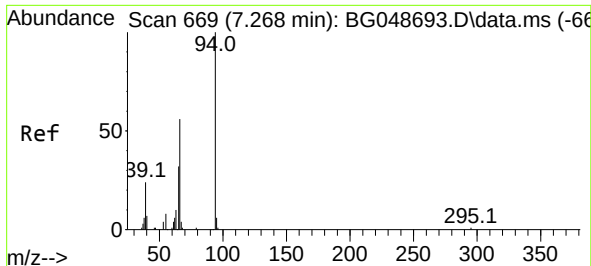
Tgt Ion: 99 Resp: 266491
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 52.6 41.5 62.3



#9
Benzaldehyde
Concen: 11.14 ng
RT: 7.221 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion: 77 Resp: 17268
Ion Ratio Lower Upper
77 100
105 91.6 68.8 108.8
106 77.6 47.9 87.9

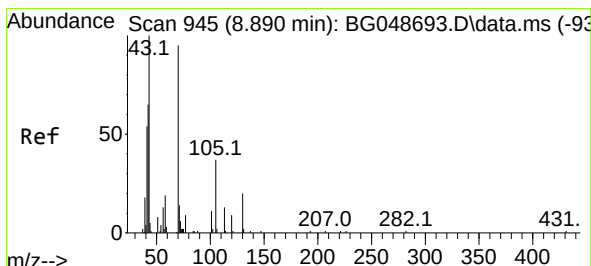
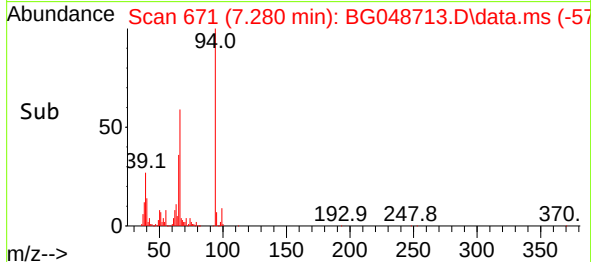
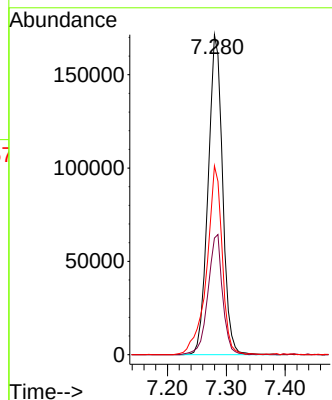
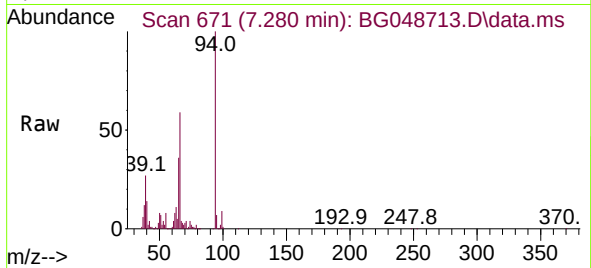




#10
Phenol
Concen: 127.05 ng
RT: 7.280 min Scan# 671
Delta R.T. 0.015 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

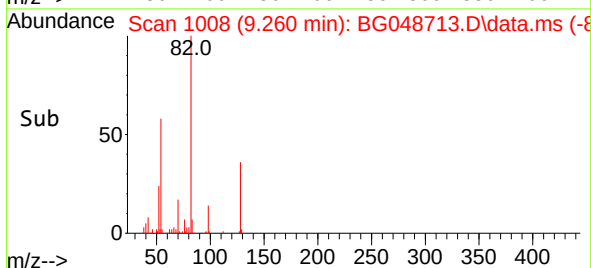
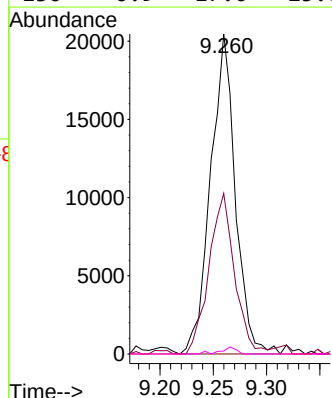
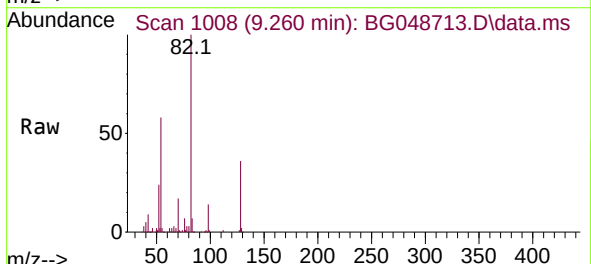
Instrument :
BNA_G
ClientSampleId :
SB-5A

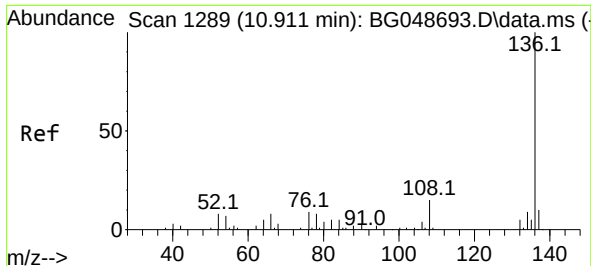
Tgt Ion: 94 Resp: 292267
Ion Ratio Lower Upper
94 100
65 36.5 12.9 52.9
66 59.0 39.4 79.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.94 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.368 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion: 70 Resp: 33043
Ion Ratio Lower Upper
70 100
42 50.2 54.5 81.7#
101 0.0 9.0 13.6#
130 0.9 17.0 25.6#

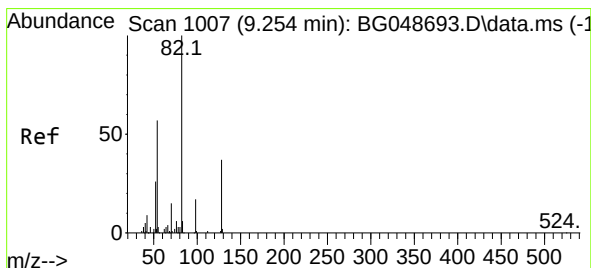
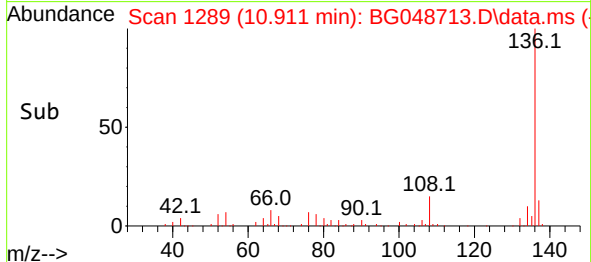
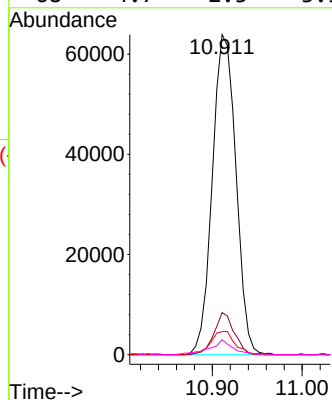
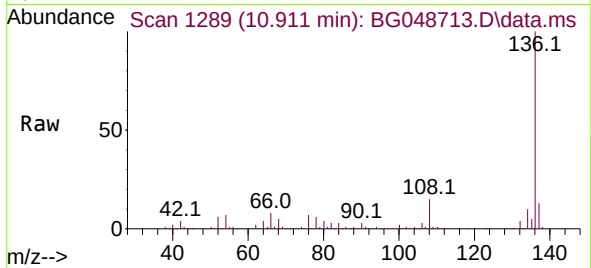




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

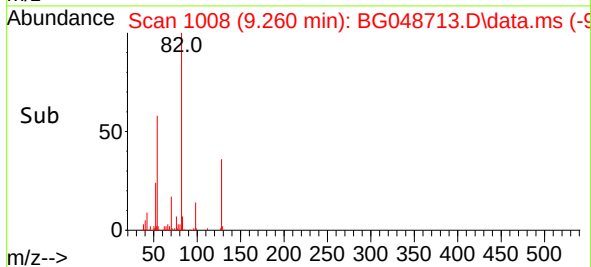
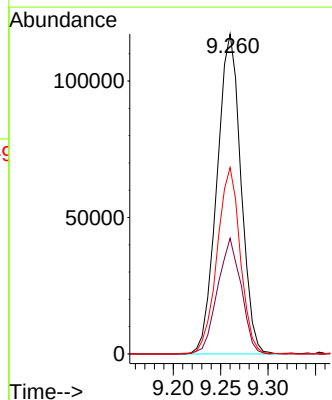
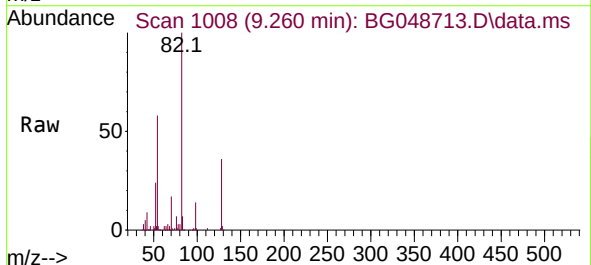
Instrument :
BNA_G
ClientSampleId :
SB-5A

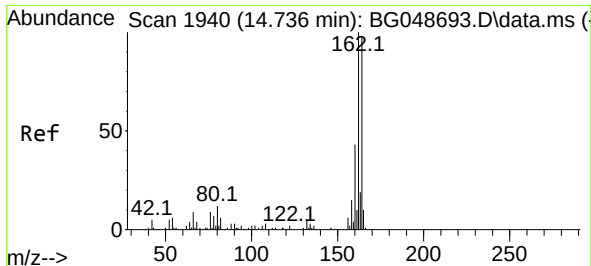
Tgt Ion:136	Resp:	116606
Ion Ratio	Lower	Upper
136	100	
137	13.2	8.2 12.2#
54	7.2	5.5 8.3
68	4.7	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 79.05 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion: 82	Resp:	205896
Ion Ratio	Lower	Upper
82	100	
128	36.2	29.8 44.6
54	58.2	45.8 68.8

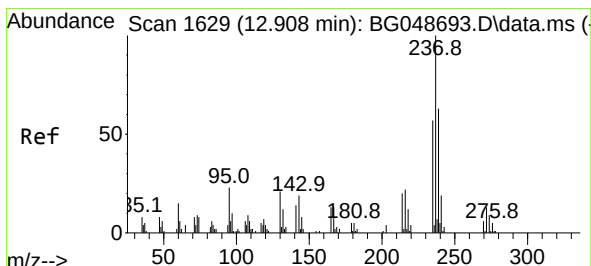
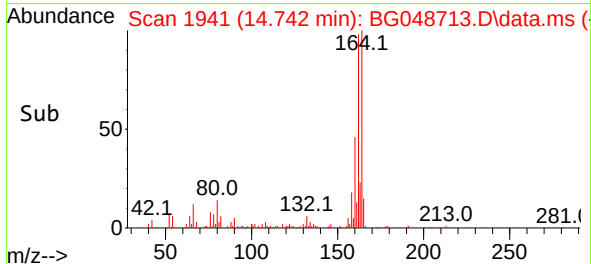
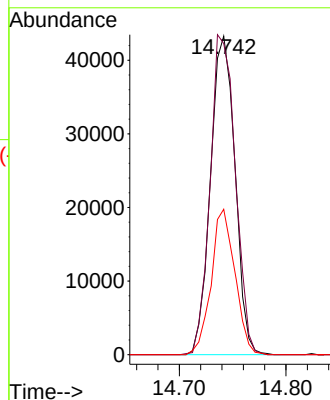
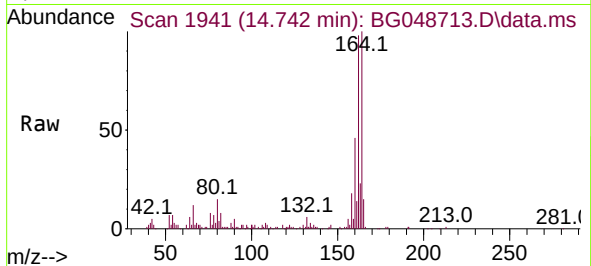




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

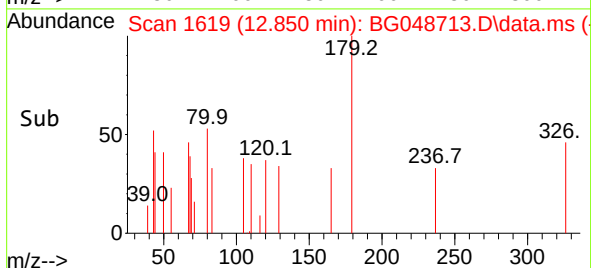
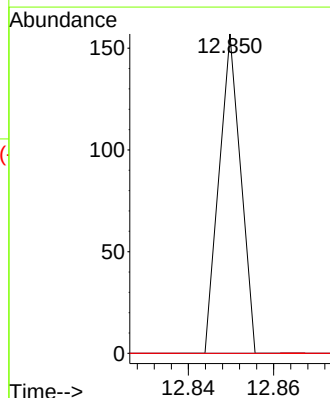
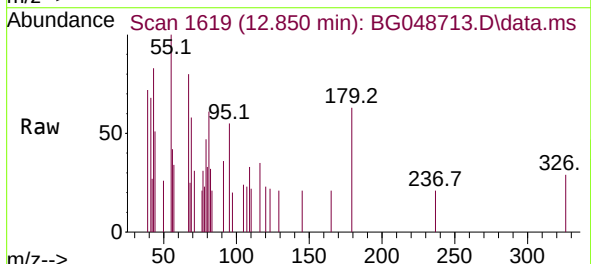
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ClientSampled :
SB-5A

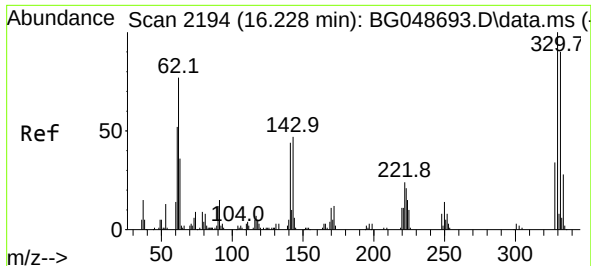
Tgt Ion:164 Resp: 69012
Ion Ratio Lower Upper
164 100
162 97.7 81.4 122.0
160 45.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.90 ng
RT: 12.850 min Scan# 1619
Delta R.T. -0.061 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion:237 Resp: 55
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

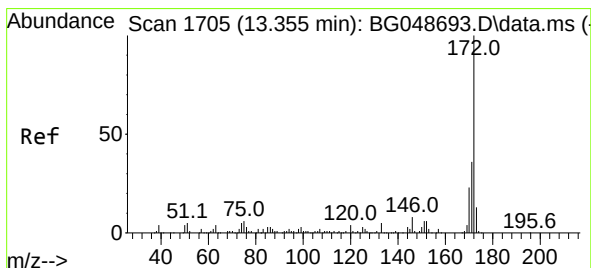
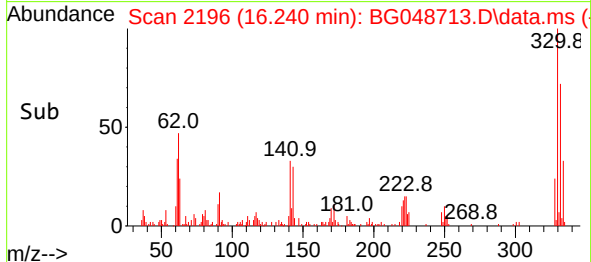
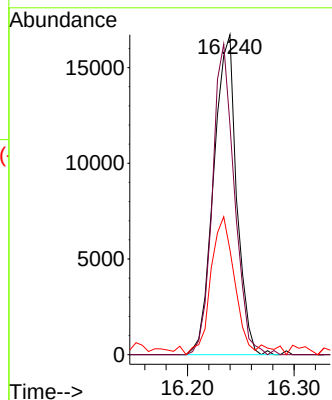
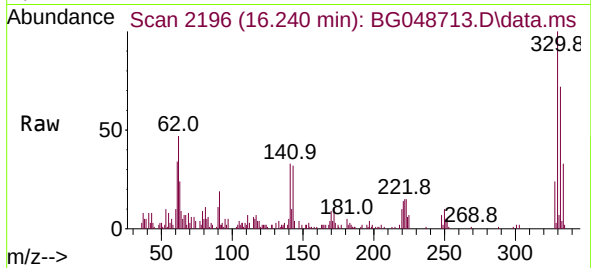




#42
2,4,6-Tribromophenol
Concen: 26.99 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.009 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

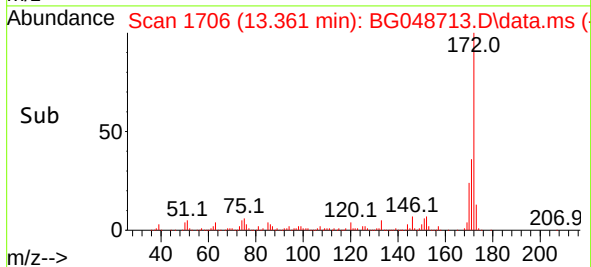
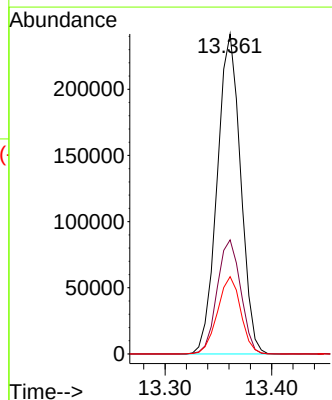
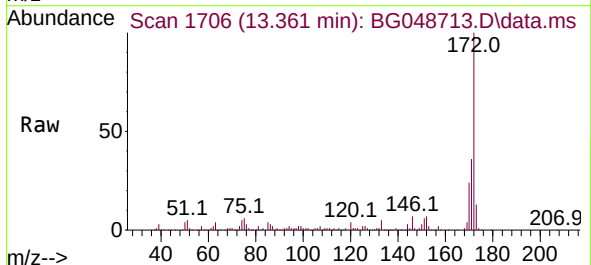
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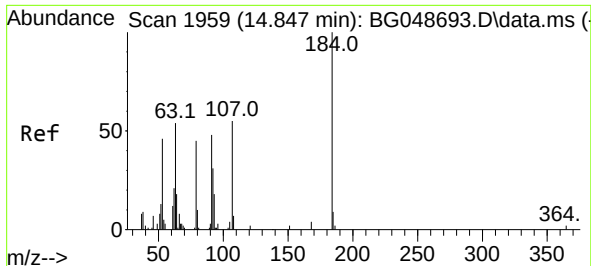
Tgt Ion:330 Resp: 24973
Ion Ratio Lower Upper
330 100
332 92.8 77.3 115.9
141 44.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 77.14 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion:172 Resp: 368622
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.1 18.6 27.8

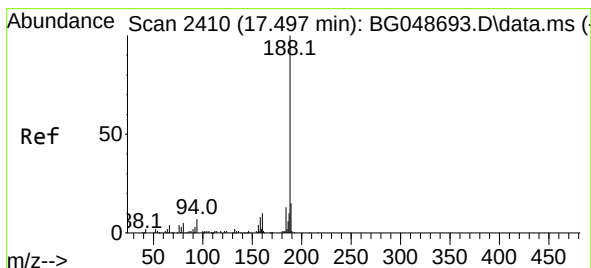
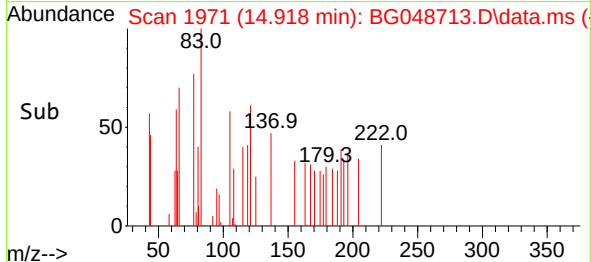
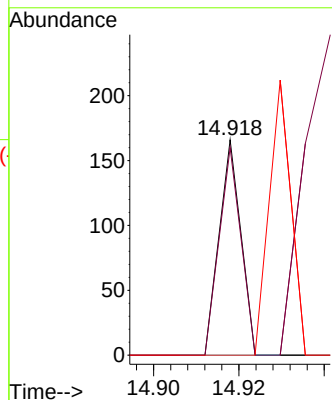
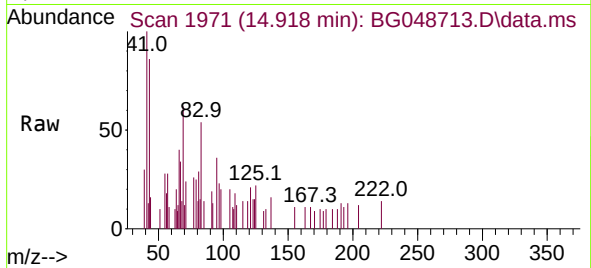




#54
2,4-Dinitrophenol
Concen: 5.36 ng
RT: 14.918 min Scan# 1971
Delta R.T. 0.068 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

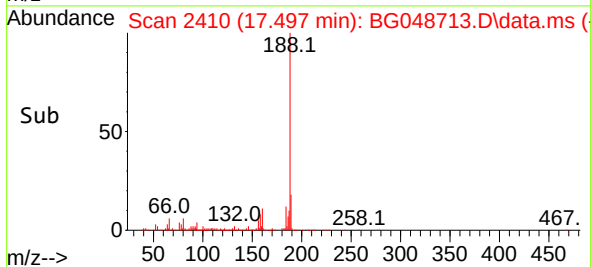
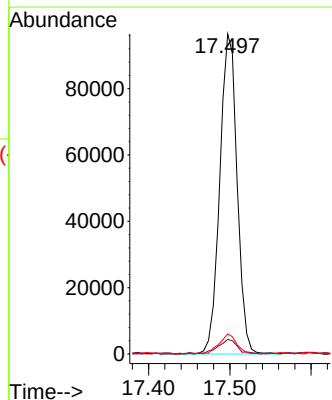
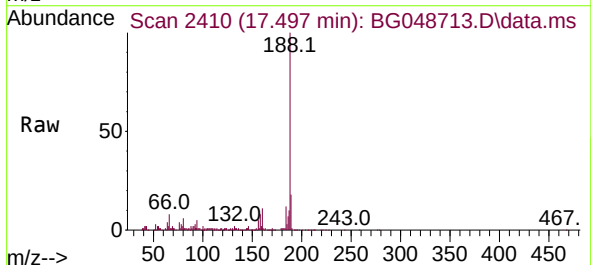
Instrument :
BNA_G
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SB-5A

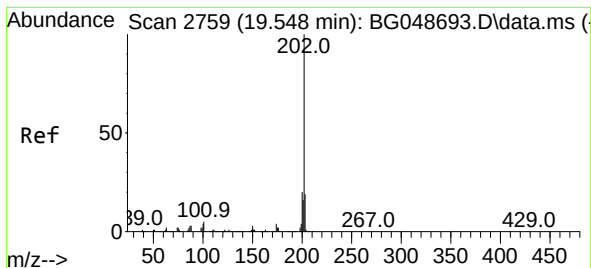
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 96.4 68.3 102.5
154 0.0 62.6 93.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion:188 Resp: 143053
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 6.2 3.7 5.5#

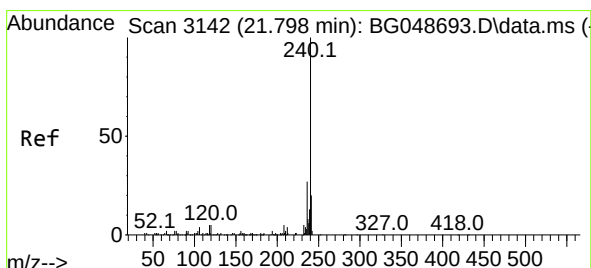
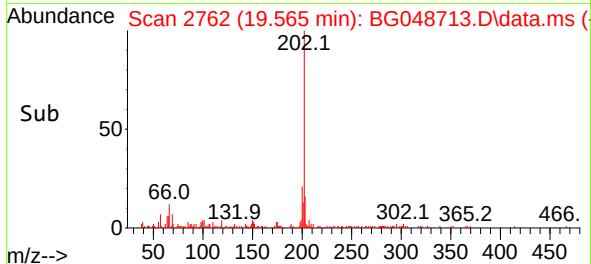
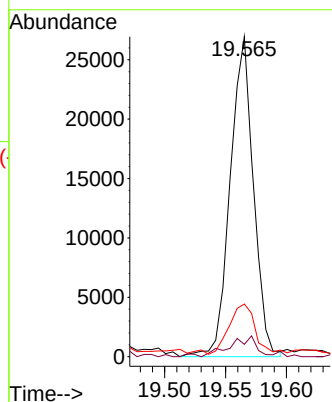
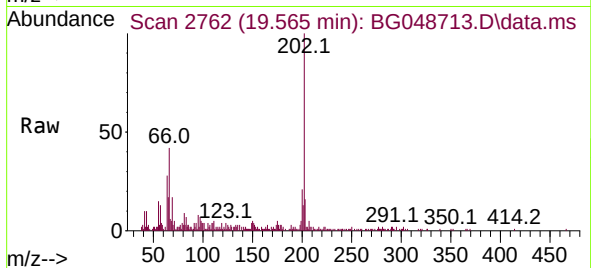




#75
Fluoranthene
Concen: 3.82 ng
RT: 19.565 min Scan# 2762
Delta R.T. 0.015 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

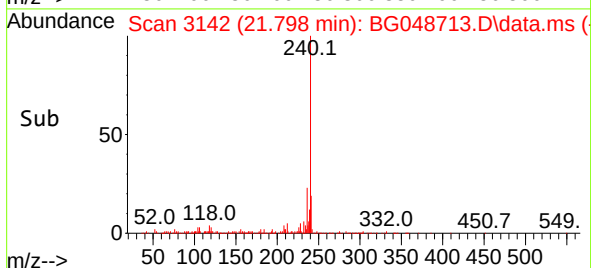
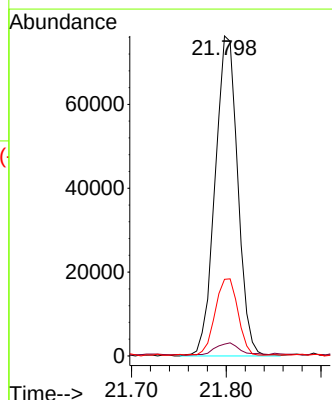
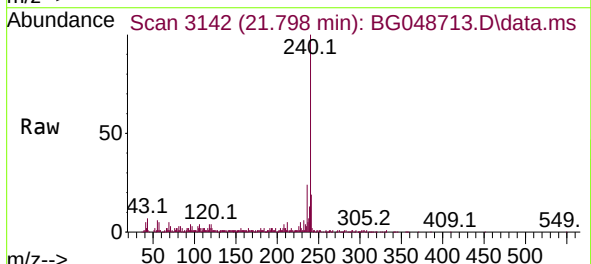
Instrument :
BNA_G
ClientSampled :
SB-5A

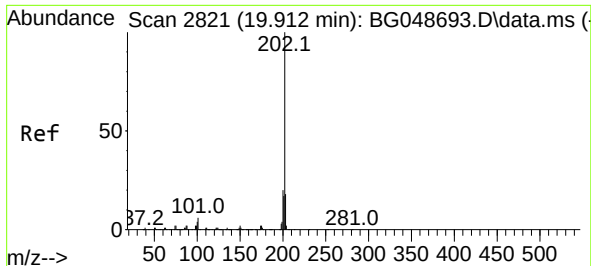
Tgt Ion:202 Resp: 35867
Ion Ratio Lower Upper
202 100
101 3.9 0.0 24.7
203 16.5 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion:240 Resp: 127006
Ion Ratio Lower Upper
240 100
120 3.7 4.2 6.2#
236 24.0 21.8 32.6

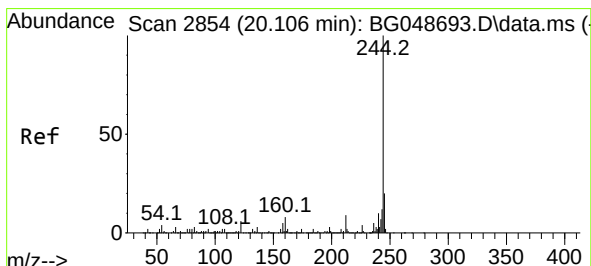
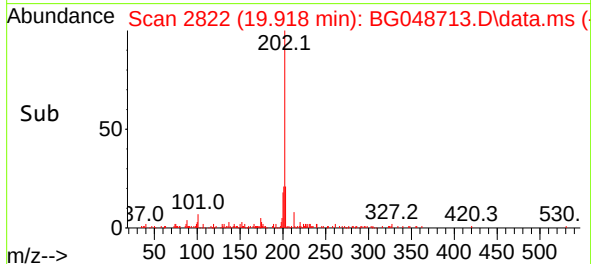
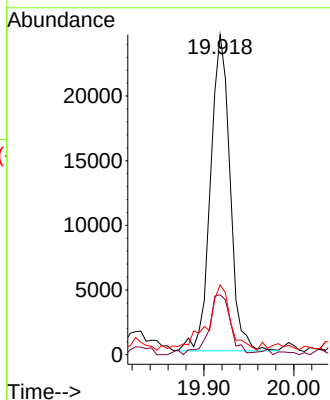
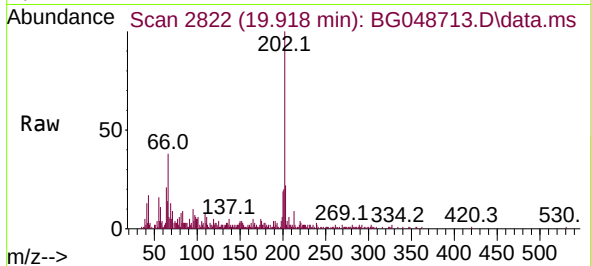




#78
 Pyrene
 Concen: 4.21 ng
 RT: 19.918 min Scan# 2822
 Delta R.T. 0.003 min
 Lab File: BG048713.D
 Acq: 15 Apr 2021 17:44

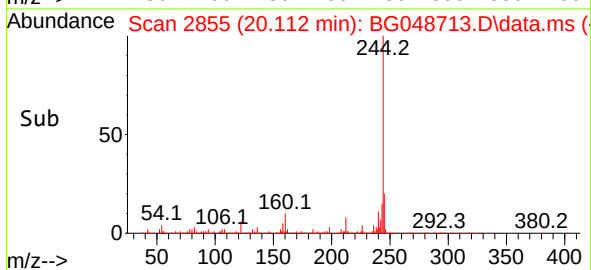
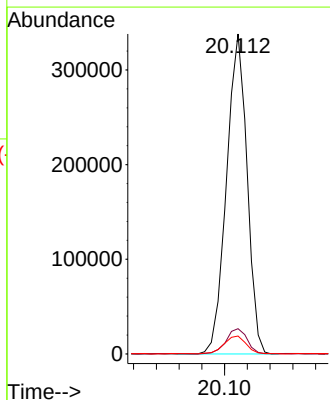
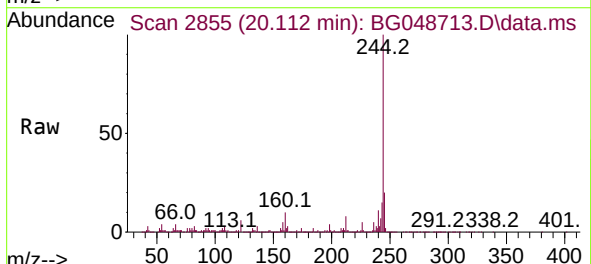
Instrument :
 BNA_G
 ClientSampleId :
 SB-5A

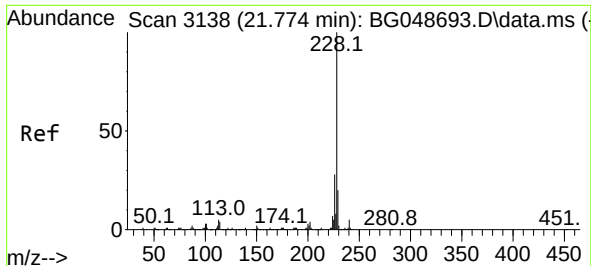
Tgt Ion:202	Resp:	36949
Ion Ratio	Lower	Upper
202	100	
200	18.8	15.8 23.8
203	21.8	14.6 21.8



#79
 Terphenyl-d14
 Concen: 57.56 ng
 RT: 20.112 min Scan# 2855
 Delta R.T. 0.003 min
 Lab File: BG048713.D
 Acq: 15 Apr 2021 17:44

Tgt Ion:244	Resp:	424759
Ion Ratio	Lower	Upper
244	100	
212	7.9	6.9 10.3
122	5.6	5.0 7.6

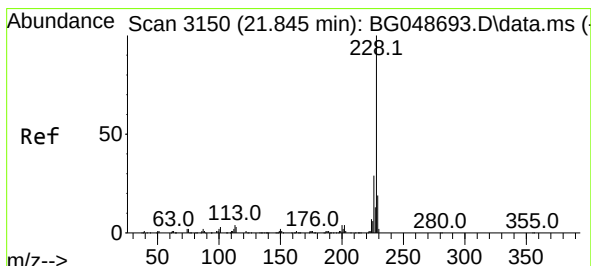
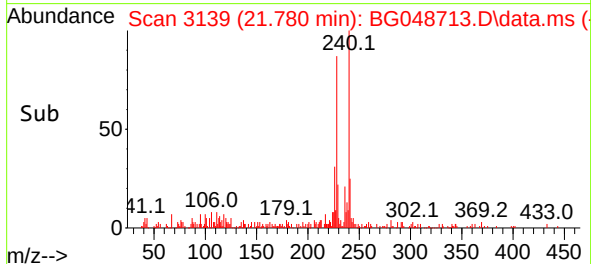
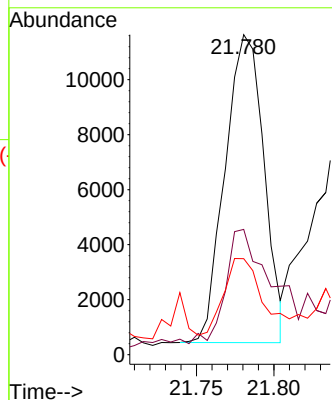
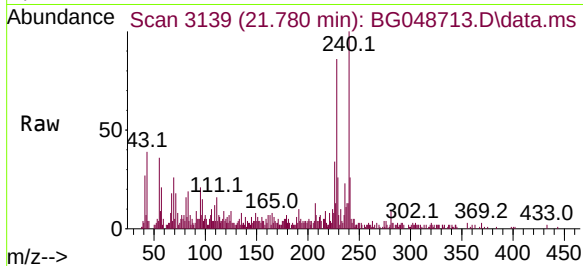




#81
Benzo(a)anthracene
Concen: 2.25 ng
RT: 21.780 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

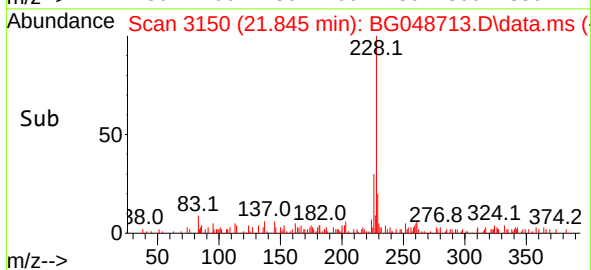
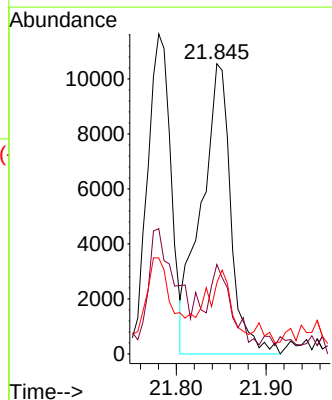
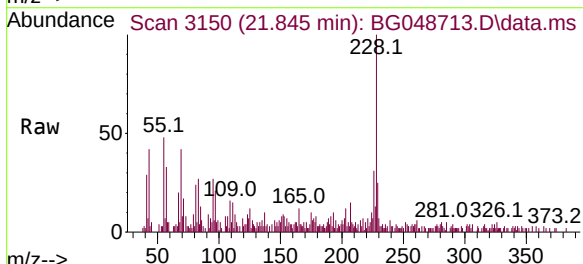
Instrument :
BNA_G
ClientSampled :
SB-5A

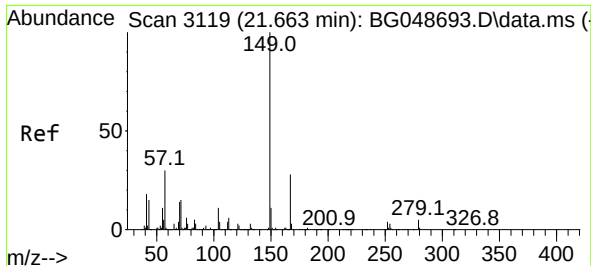
Tgt Ion:228 Resp: 19556
Ion Ratio Lower Upper
228 100
226 39.2 22.7 34.1#
229 30.0 16.0 24.0#



#83
Chrysene
Concen: 2.93 ng
RT: 21.845 min Scan# 3150
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion:228 Resp: 24192
Ion Ratio Lower Upper
228 100
226 30.8 23.1 34.7
229 24.5 15.3 22.9#

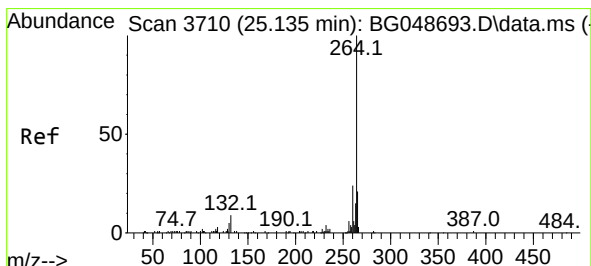
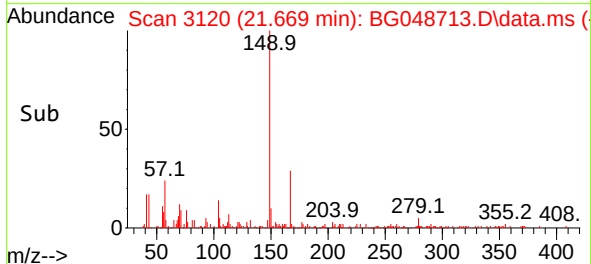
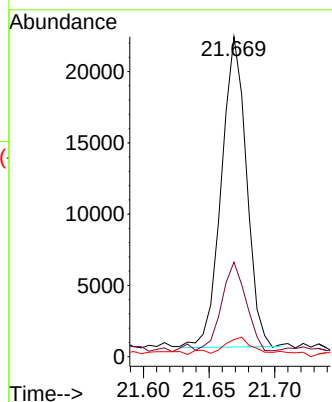
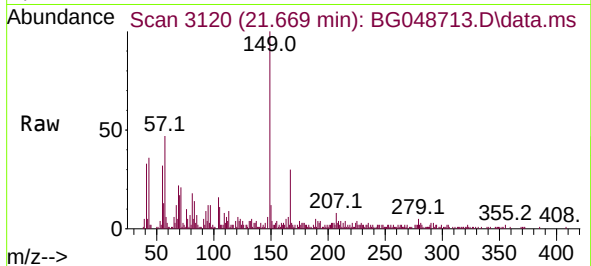




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.02 ng
RT: 21.669 min Scan# 3120
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

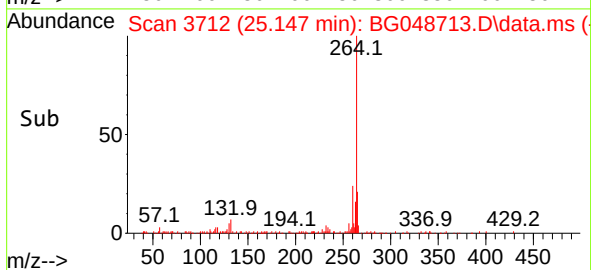
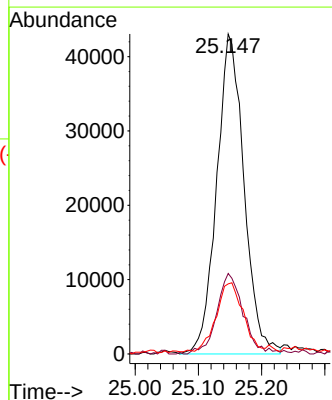
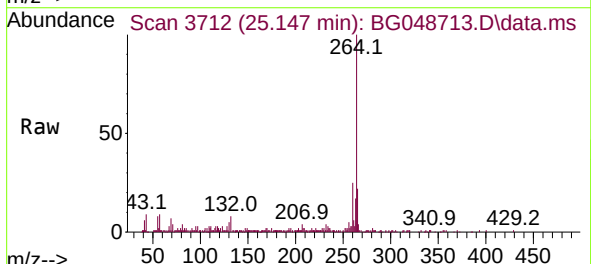
Instrument :
BNA_G
ClientSampled :
SB-5A

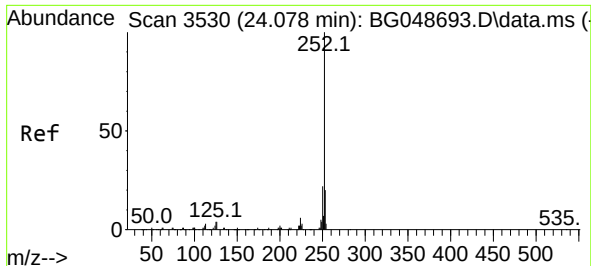
Tgt Ion:149 Resp: 28948
Ion Ratio Lower Upper
149 100
167 29.5 22.3 33.5
279 5.4 3.8 5.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.147 min Scan# 3712
Delta R.T. 0.009 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

Tgt Ion:264 Resp: 129086
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 21.9 16.9 25.3

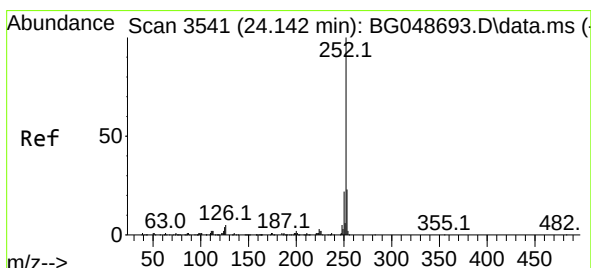
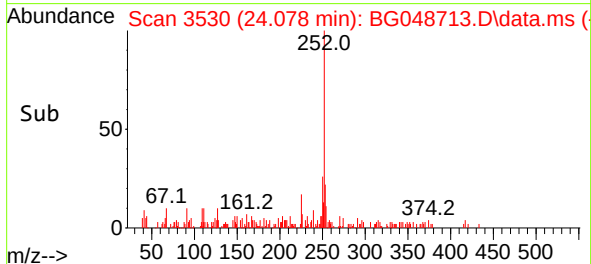
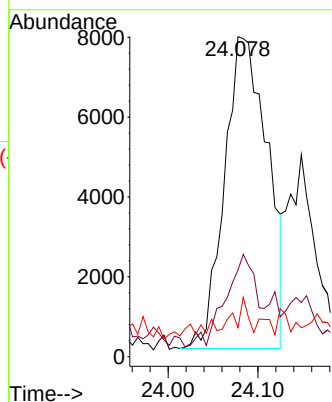
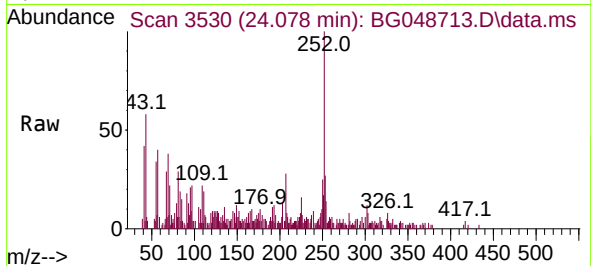




#88
Benzo(b)fluoranthene
Concen: 2.96 ng
RT: 24.078 min Scan# 3530
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

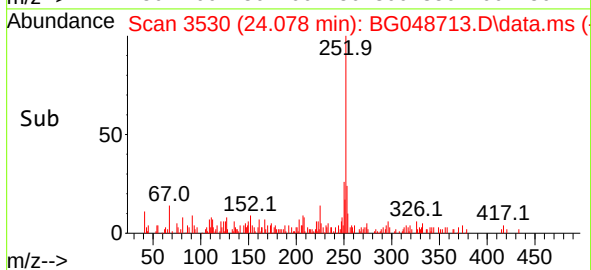
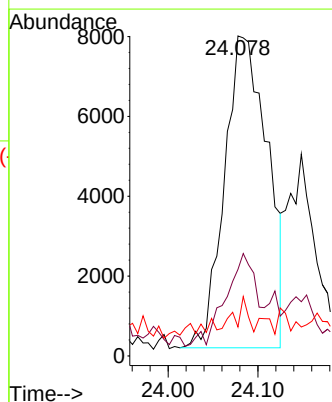
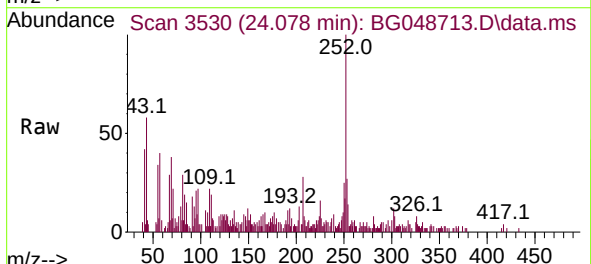
Instrument :
BNA_G
ClientSampled :
SB-5A

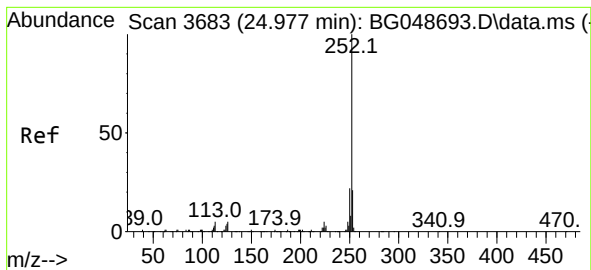
Tgt Ion:252 Resp: 25903
Ion Ratio Lower Upper
252 100
253 27.0 16.2 24.4#
125 9.0 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 3.15 ng
RT: 24.078 min Scan# 3530
Delta R.T. -0.067 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

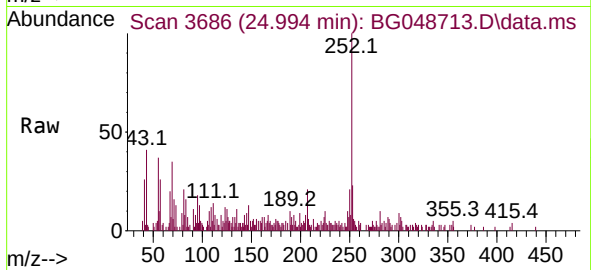
Tgt Ion:252 Resp: 25903
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0#
125 9.0 3.1 4.7#





#90
 Benzo(a)pyrene
 Concen: 3.00 ng
 RT: 24.994 min Scan# 3686
 Delta R.T. 0.015 min
 Lab File: BG048713.D
 Acq: 15 Apr 2021 17:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-5A



Tgt Ion:	252	Resp:	24225
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.6	25.0
125	11.2	3.5	5.3#

