

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)

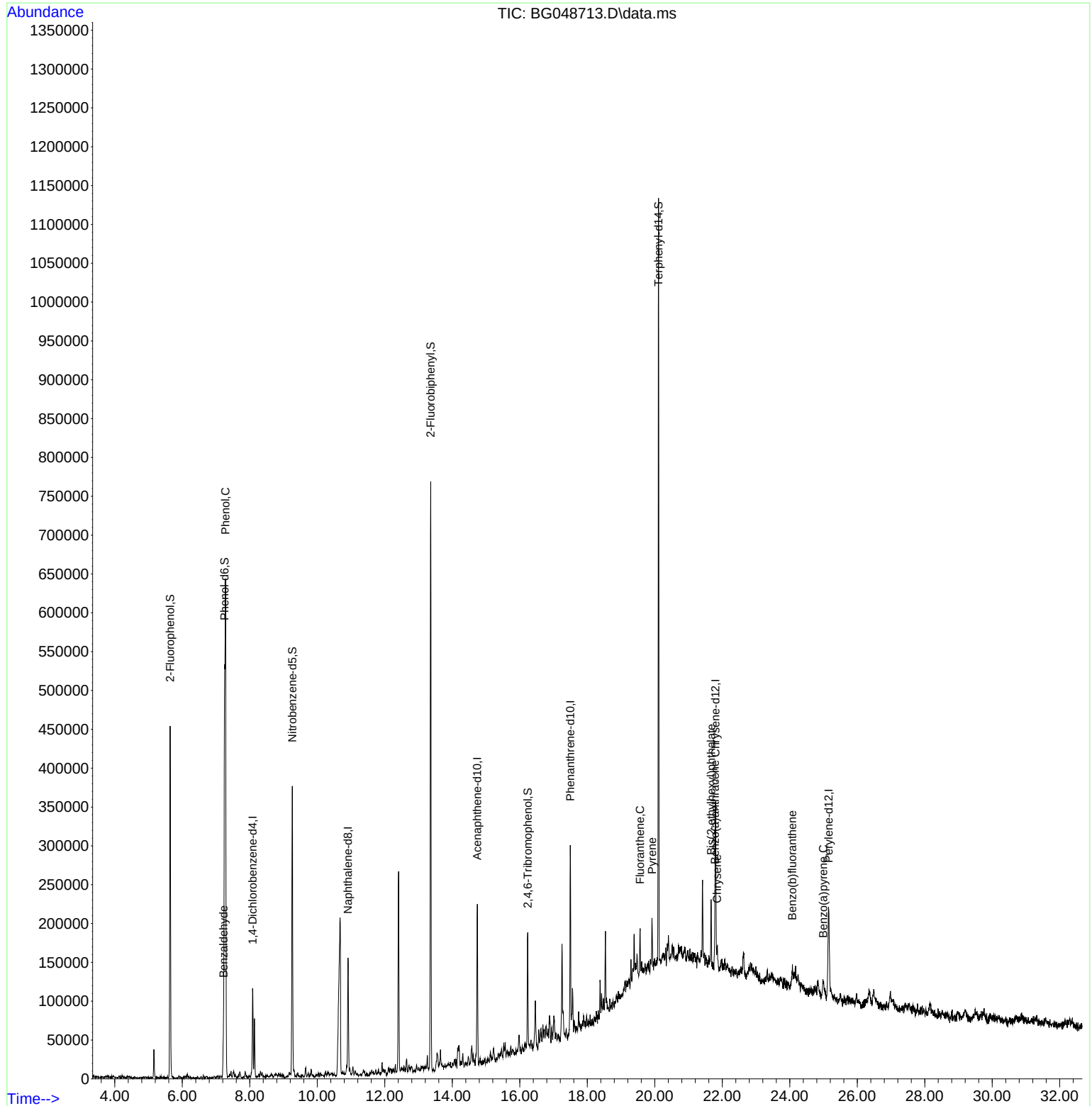
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	27662	20.00	ng	# 0.00
21) Naphthalene-d8	10.911	136	116606	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	69012	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	143053	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	127006	20.00	ng	# 0.00
86) Perylene-d12	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
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
90) Benzo(a)pyrene	24.994	252	24225	3.00	ng	# 93

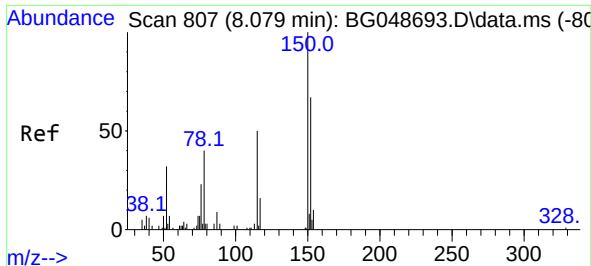
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

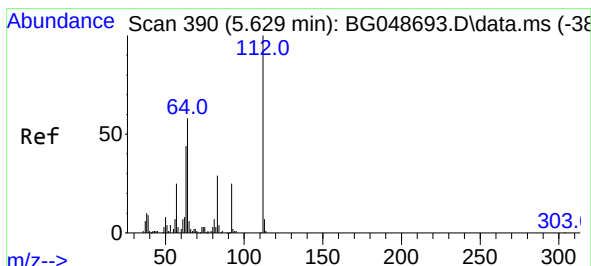
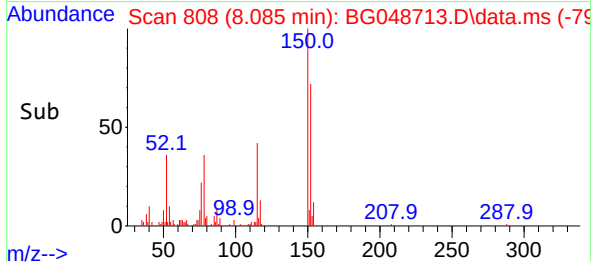
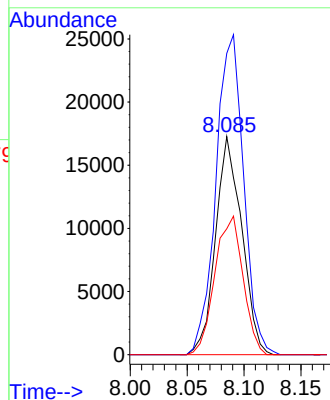
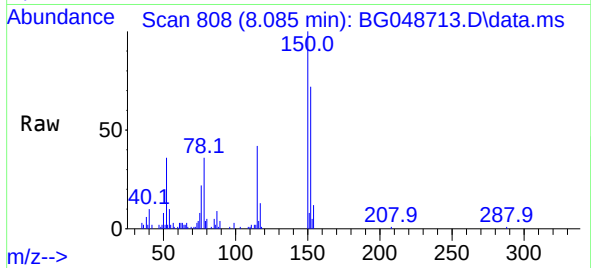




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.002 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

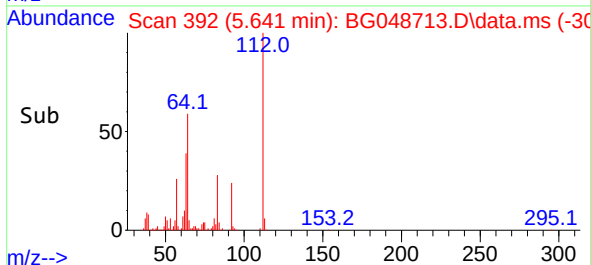
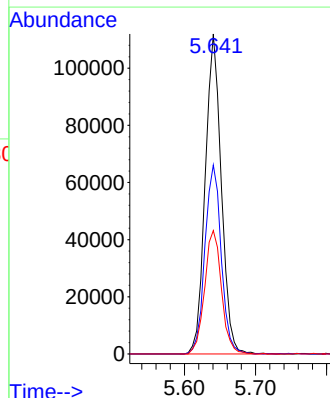
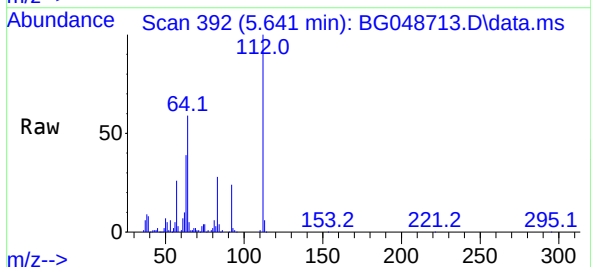
Instrument :
BNA_G
ClientSampleId :
SB-5A

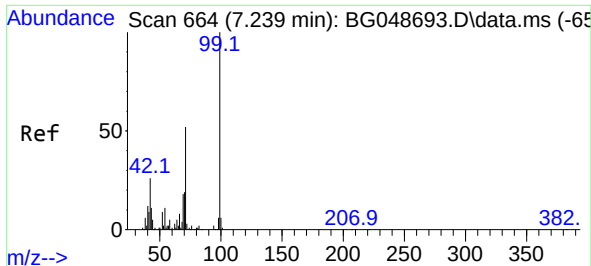
Tgt Ion:152 Resp: 27662
Ion Ratio Lower Upper
152 100
150 138.2 119.4 179.0
115 57.7 60.2 90.4#



#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

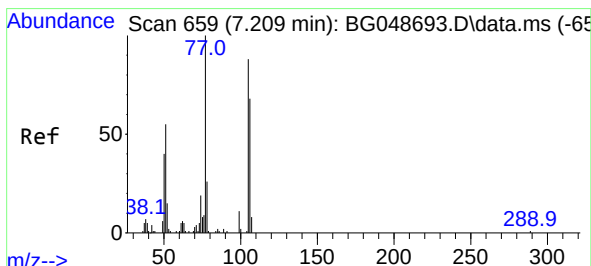
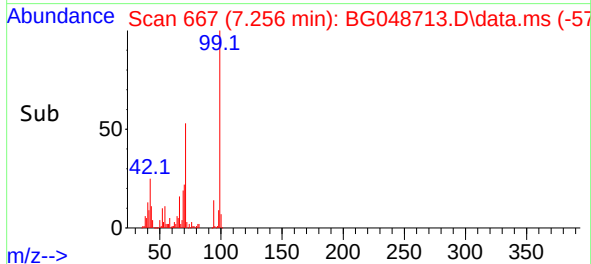
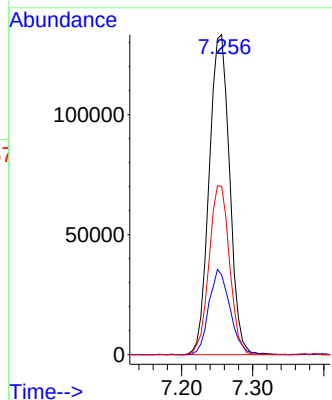
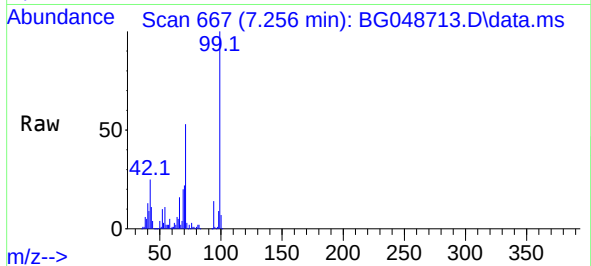




#7
Phenol-d6
Concen: 113.91 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.015 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

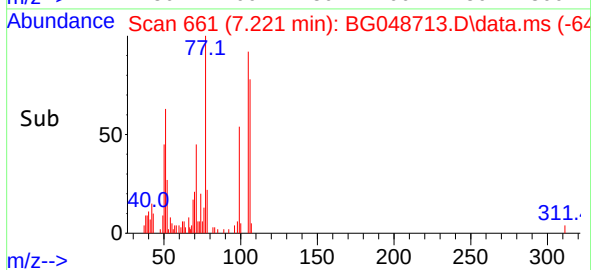
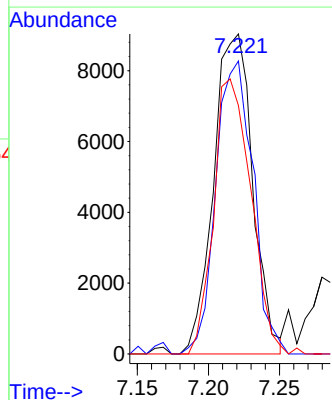
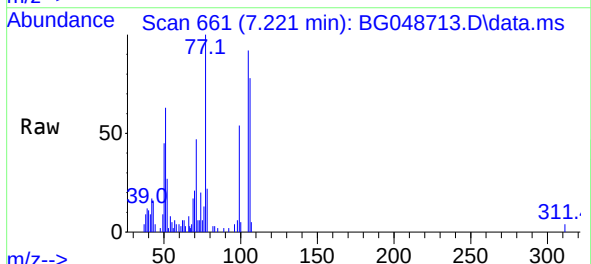
Instrument :
BNA_G
ClientSampleId :
SB-5A

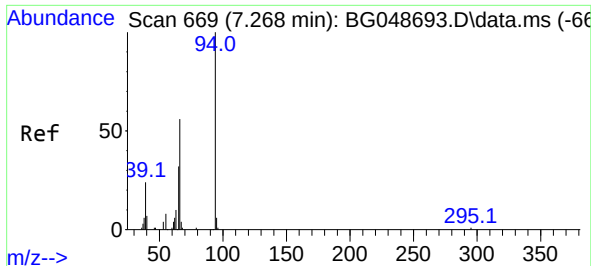
Tgt Ion: 99 Resp: 266491
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 52.6 41.5 62.3



#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

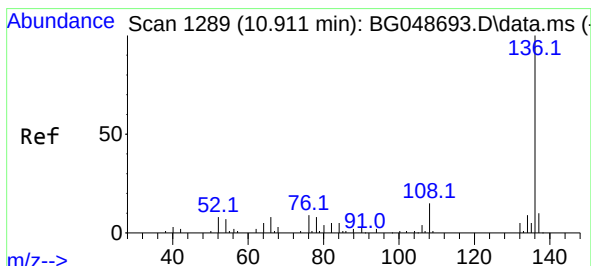
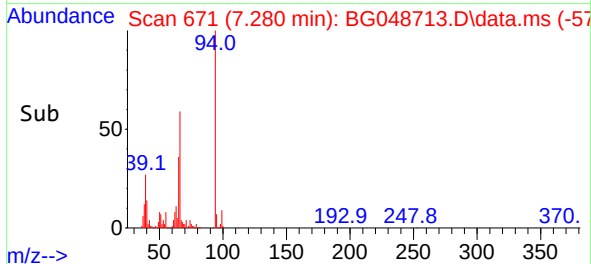
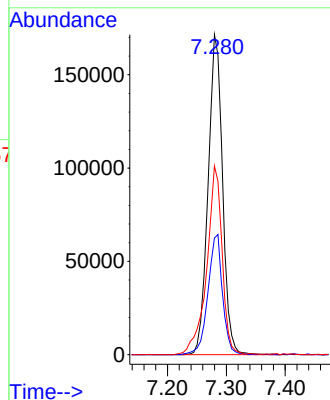
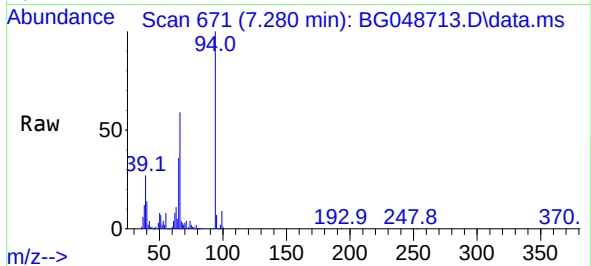




#10
Phenol
Concen: 127.05 ng
RT: 7.280 min Scan# 671
Delta R.T. 0.015 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

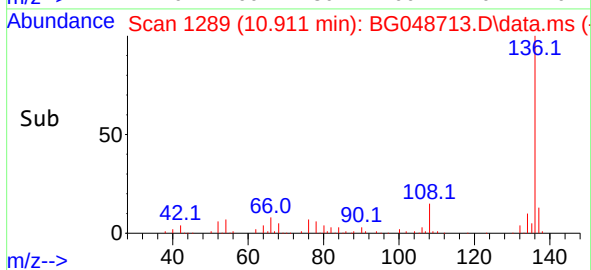
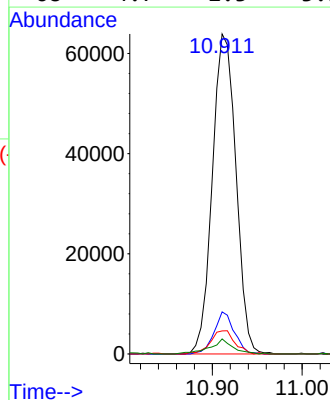
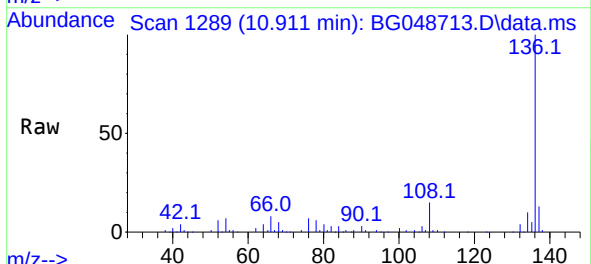
Instrument :
BNA_G
ClientSampleId :
SB-5A

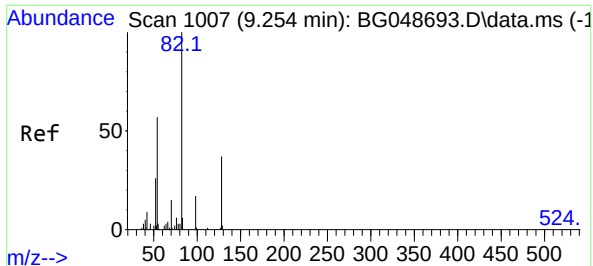
Tgt Ion: 94 Resp: 292267
Ion Ratio Lower Upper
94 100
65 36.5 12.9 52.9
66 59.0 39.4 79.4



#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

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#

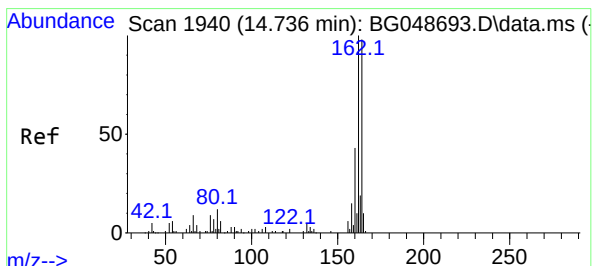
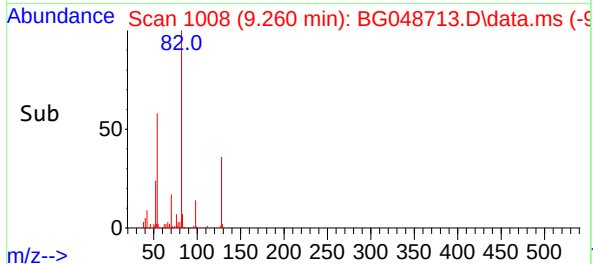
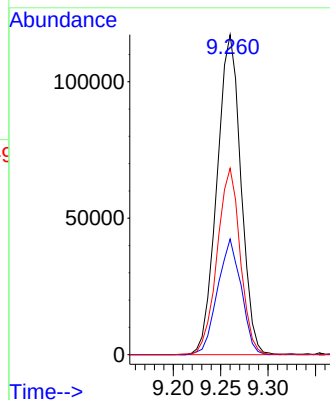
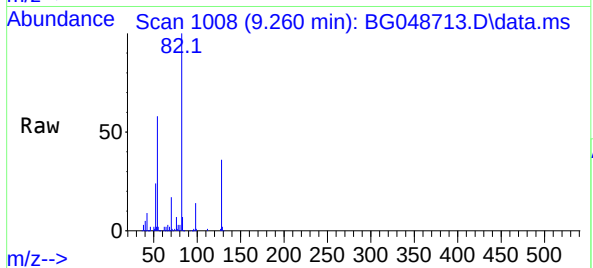




#23
Nitrobenzene-d5
Concen: 79.05 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

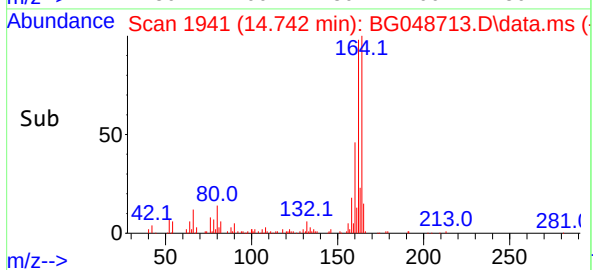
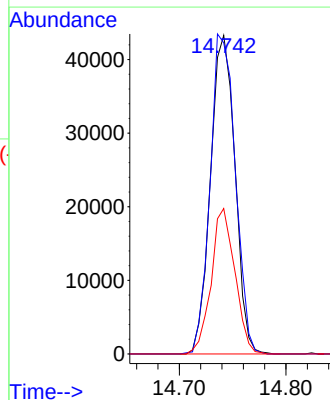
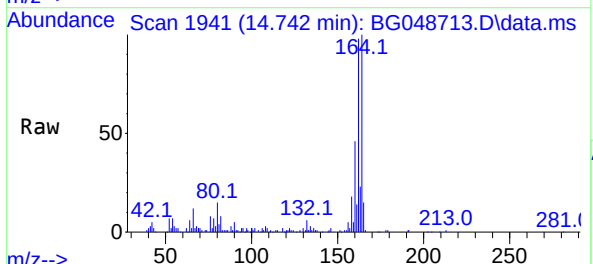
Instrument :
BNA_G
ClientSampled :
SB-5A

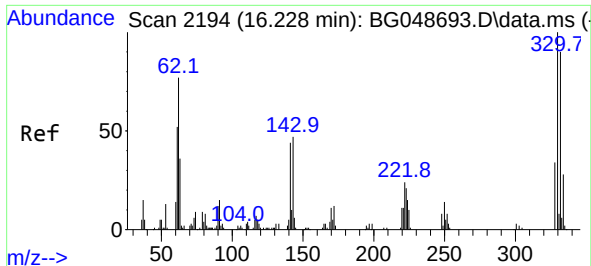
Tgt Ion: 82 Resp: 205896
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 58.2 45.8 68.8



#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

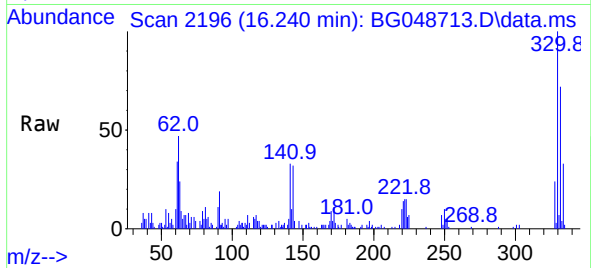
Tgt Ion:164 Resp: 69012
Ion Ratio Lower Upper
164 100
162 97.7 81.4 122.0
160 45.7 34.9 52.3



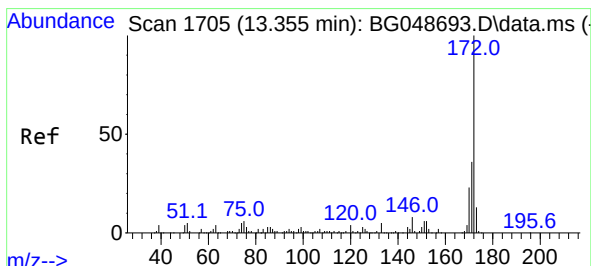
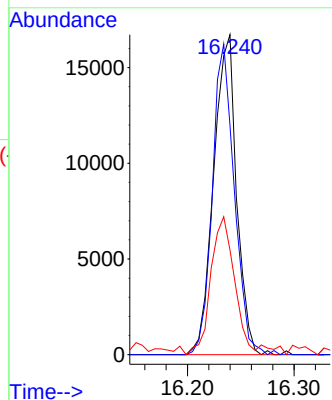
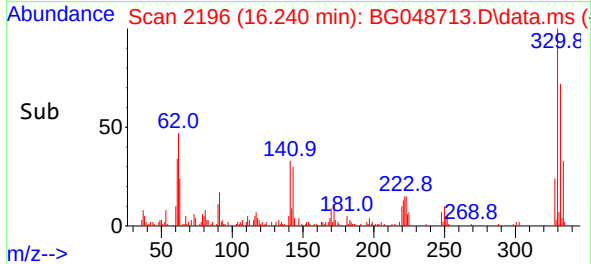


#42
2,4,6-Tribromophenol
Concen: 26.99 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.009 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

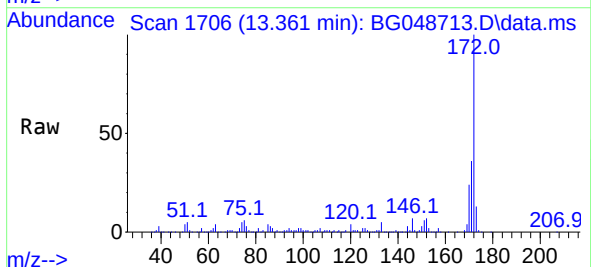
Instrument :
BNA_G
ClientSampleId :
SB-5A



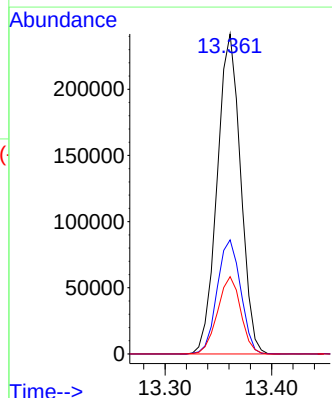
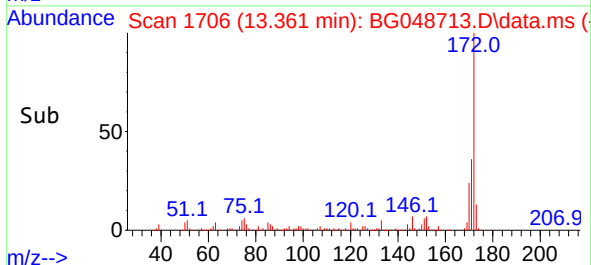
Tgt Ion:330 Resp: 24973
Ion Ratio Lower Upper
330 100
332 92.8 77.3 115.9
141 44.2 35.6 53.4

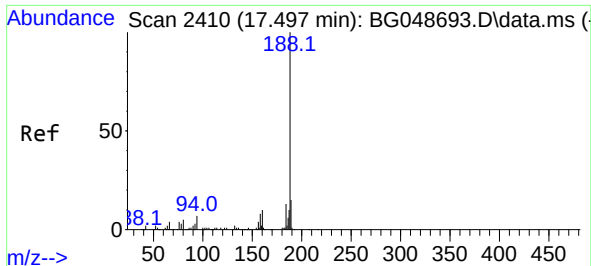


#45
2-Fluorobiphenyl
Concen: 77.14 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44



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

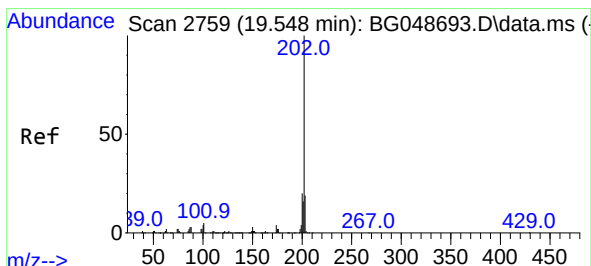
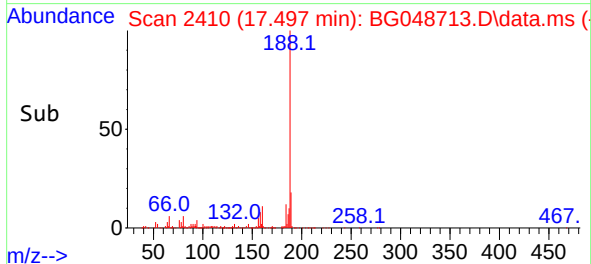
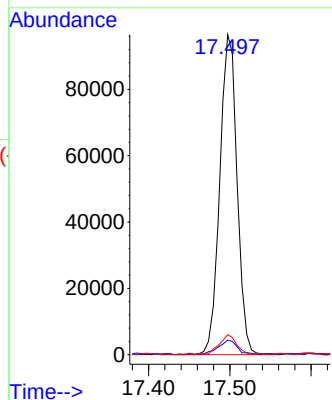
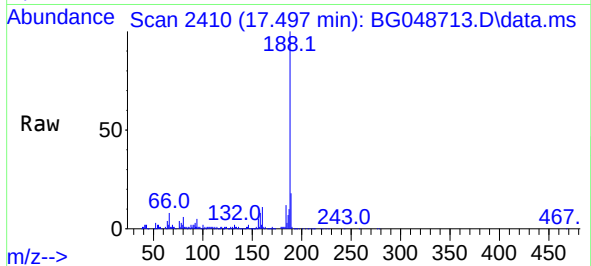




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

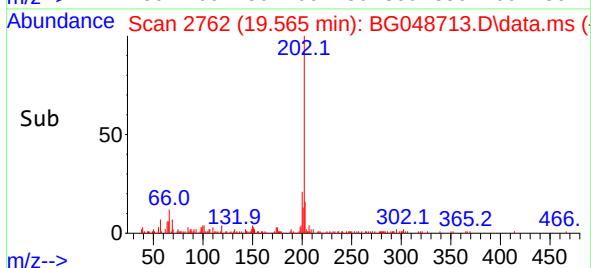
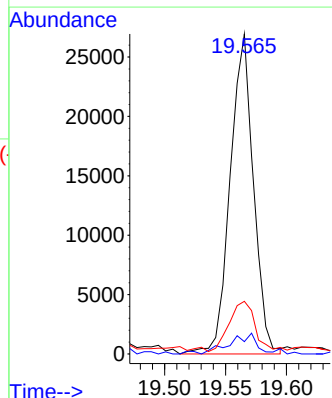
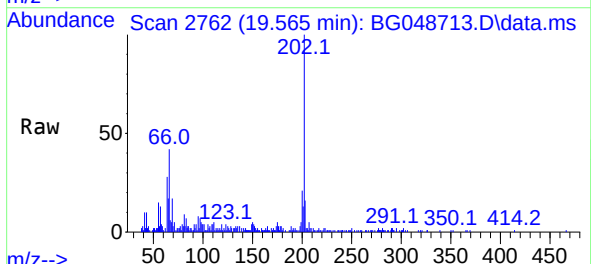
Instrument :
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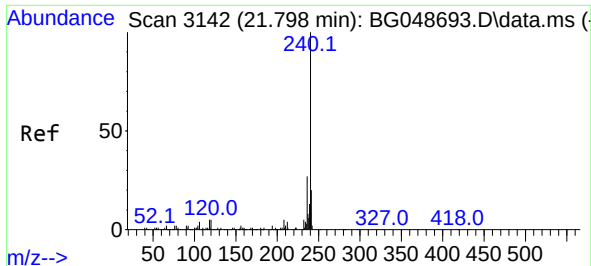
Tgt Ion:188 Resp: 143053
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 6.2 3.7 5.5#



#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

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

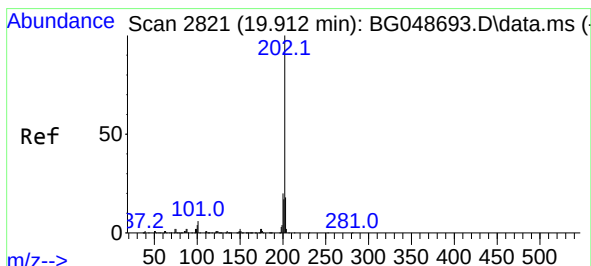
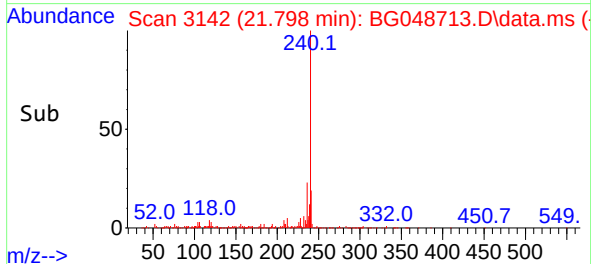
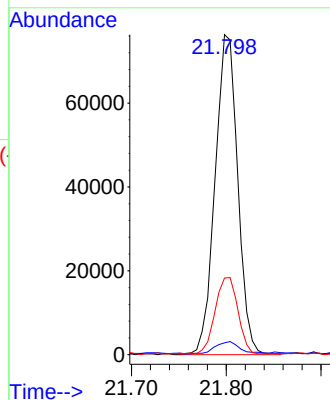
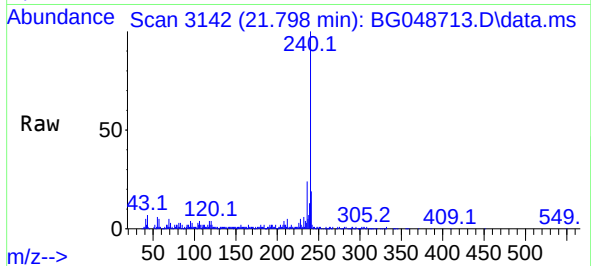




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

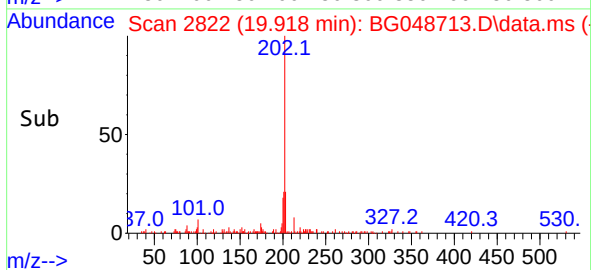
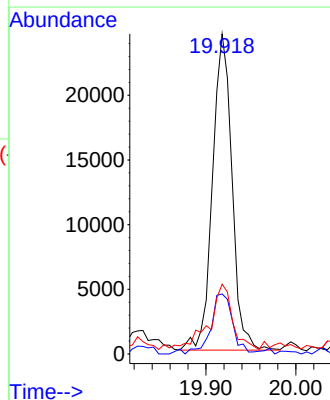
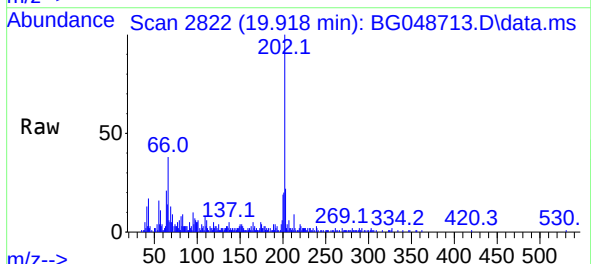
Instrument :
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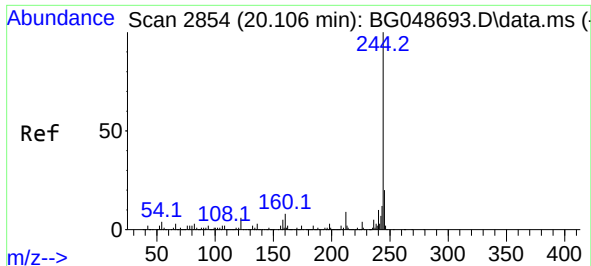
Tgt Ion:240 Resp: 127006
Ion Ratio Lower Upper
240 100
120 3.7 4.2 6.2#
236 24.0 21.8 32.6



#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

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

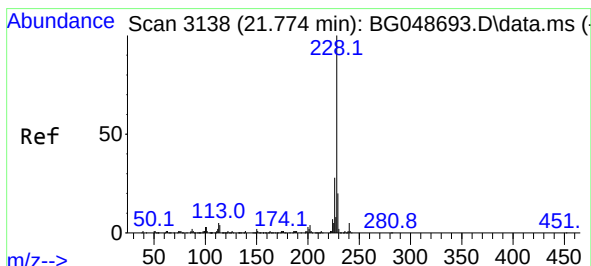
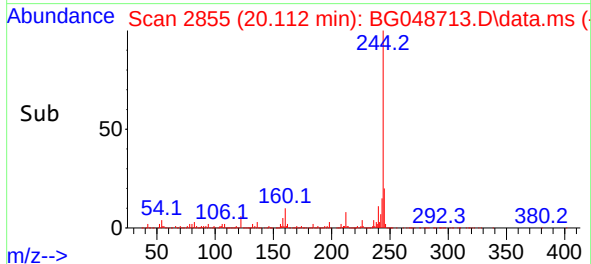
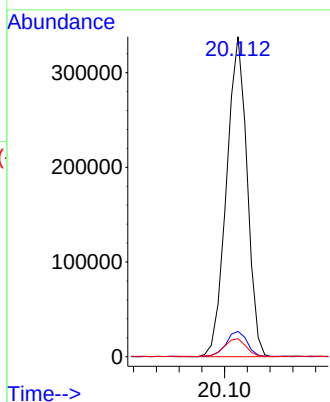
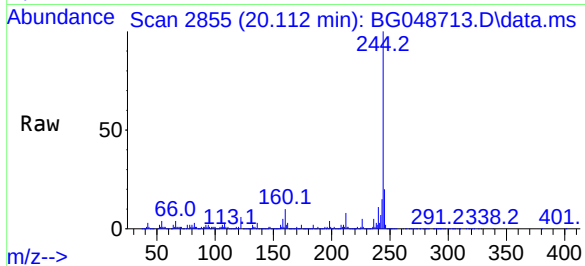




#79
Terphenyl-d14
Concen: 57.56 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

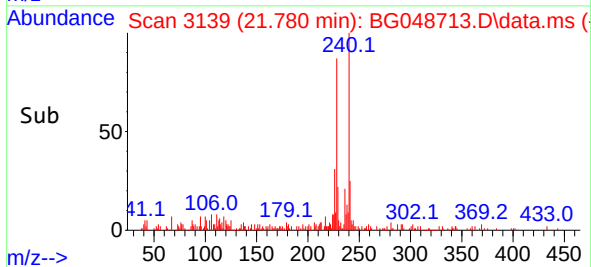
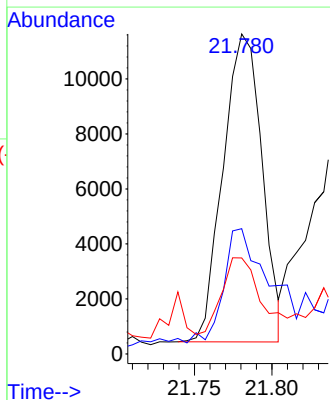
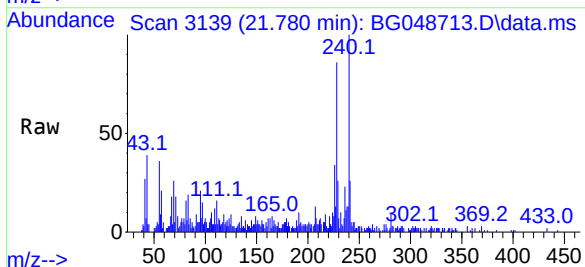
Instrument :
BNA_G
ClientSampled :
SB-5A

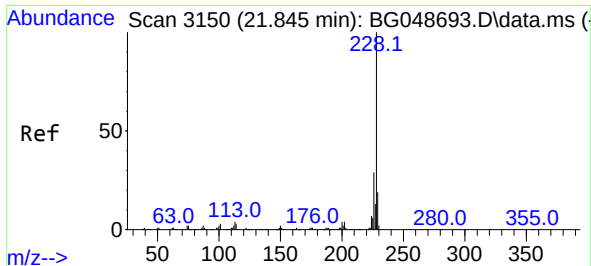
Tgt Ion:244 Resp: 424759
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 5.6 5.0 7.6



#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

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#

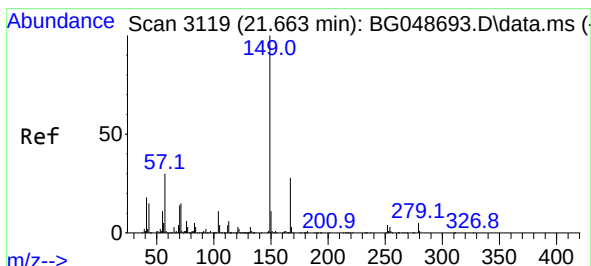
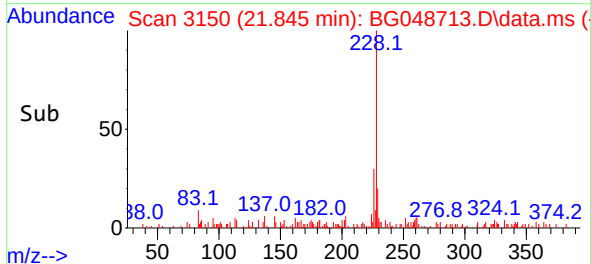
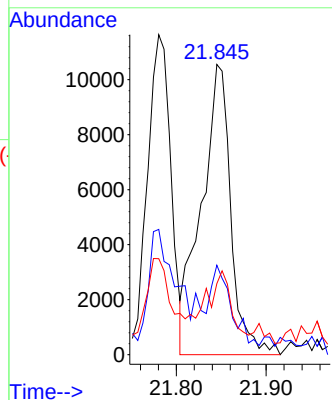
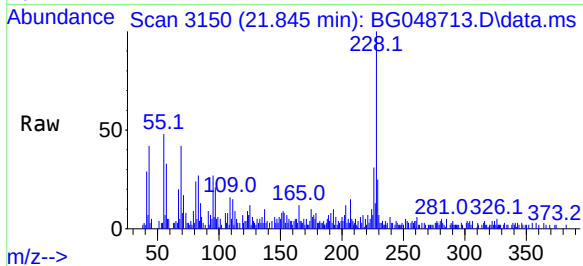




#83
Chrysene
Concen: 2.93 ng
RT: 21.845 min Scan# 3150
Delta R.T. 0.003 min
Lab File: BG048713.D
Acq: 15 Apr 2021 17:44

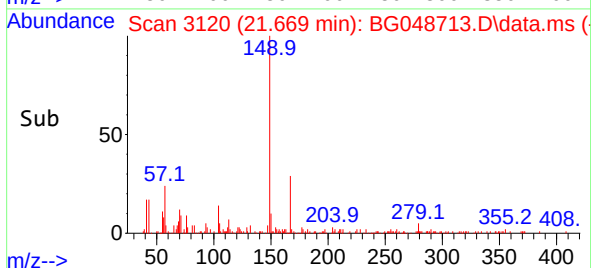
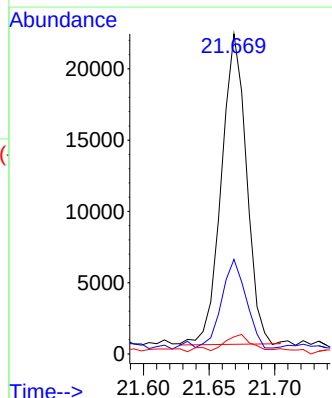
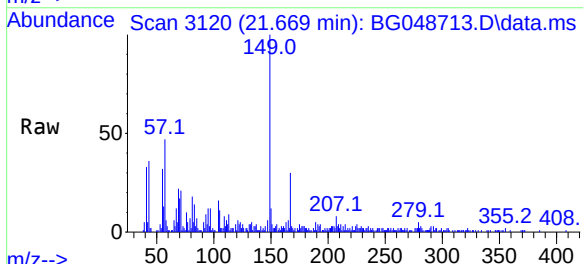
Instrument :
BNA_G
ClientSampleId :
SB-5A

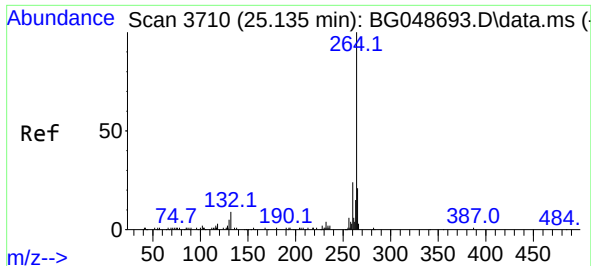
Tgt Ion:	228	Resp:	24192
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.1	34.7
229	24.5	15.3	22.9#



#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

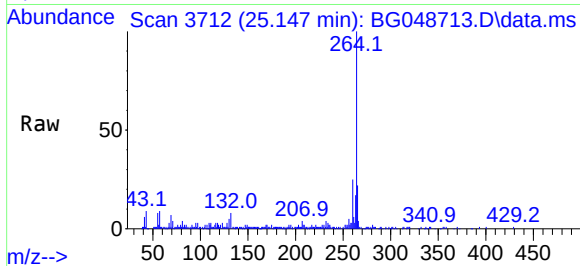
Tgt Ion:	149	Resp:	28948
Ion Ratio	Lower	Upper	
149	100		
167	29.5	22.3	33.5
279	5.4	3.8	5.8



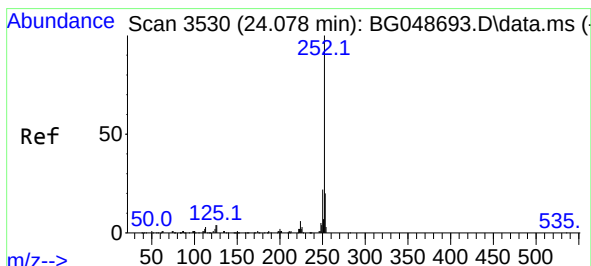
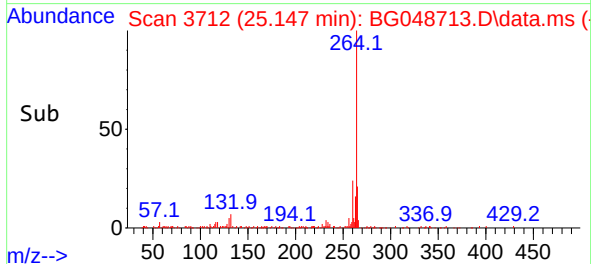
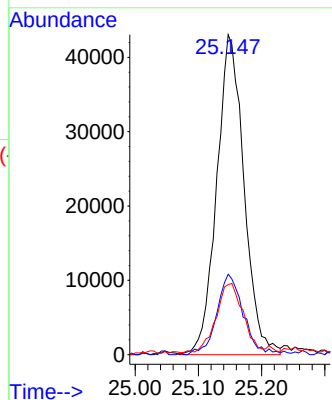


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.147 min Scan# 3712
 Delta R.T. 0.009 min
 Lab File: BG048713.D
 Acq: 15 Apr 2021 17:44

Instrument :
 BNA_G
 ClientSampled :
 SB-5A

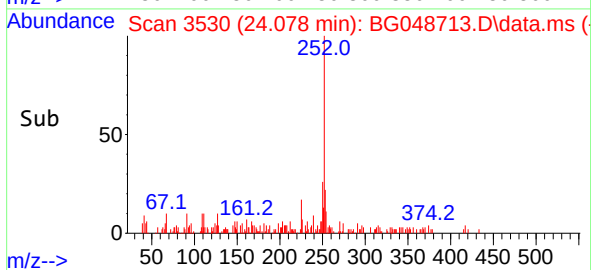
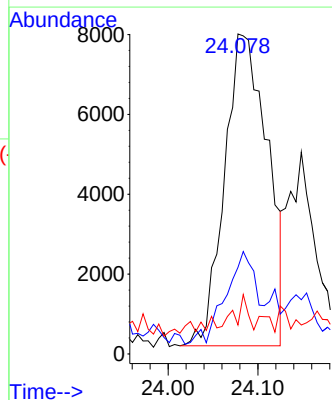
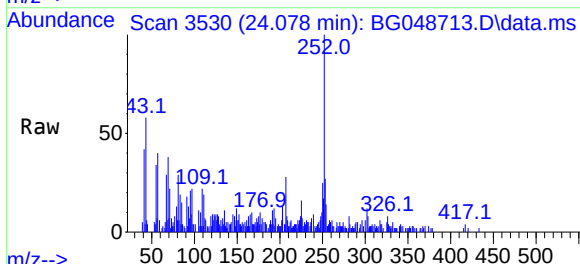


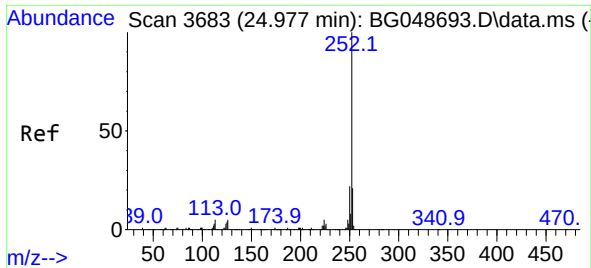
Tgt Ion:264 Resp: 129086
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 21.9 16.9 25.3



#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

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#





#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#

