

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048828.D
 Acq On : 21 Apr 2021 20:46
 Operator : CG/JU
 Sample : M1998-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3B

Quant Time: Apr 22 01:01:50 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 20 17:33:30 2021
 Response via : Initial Calibration

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

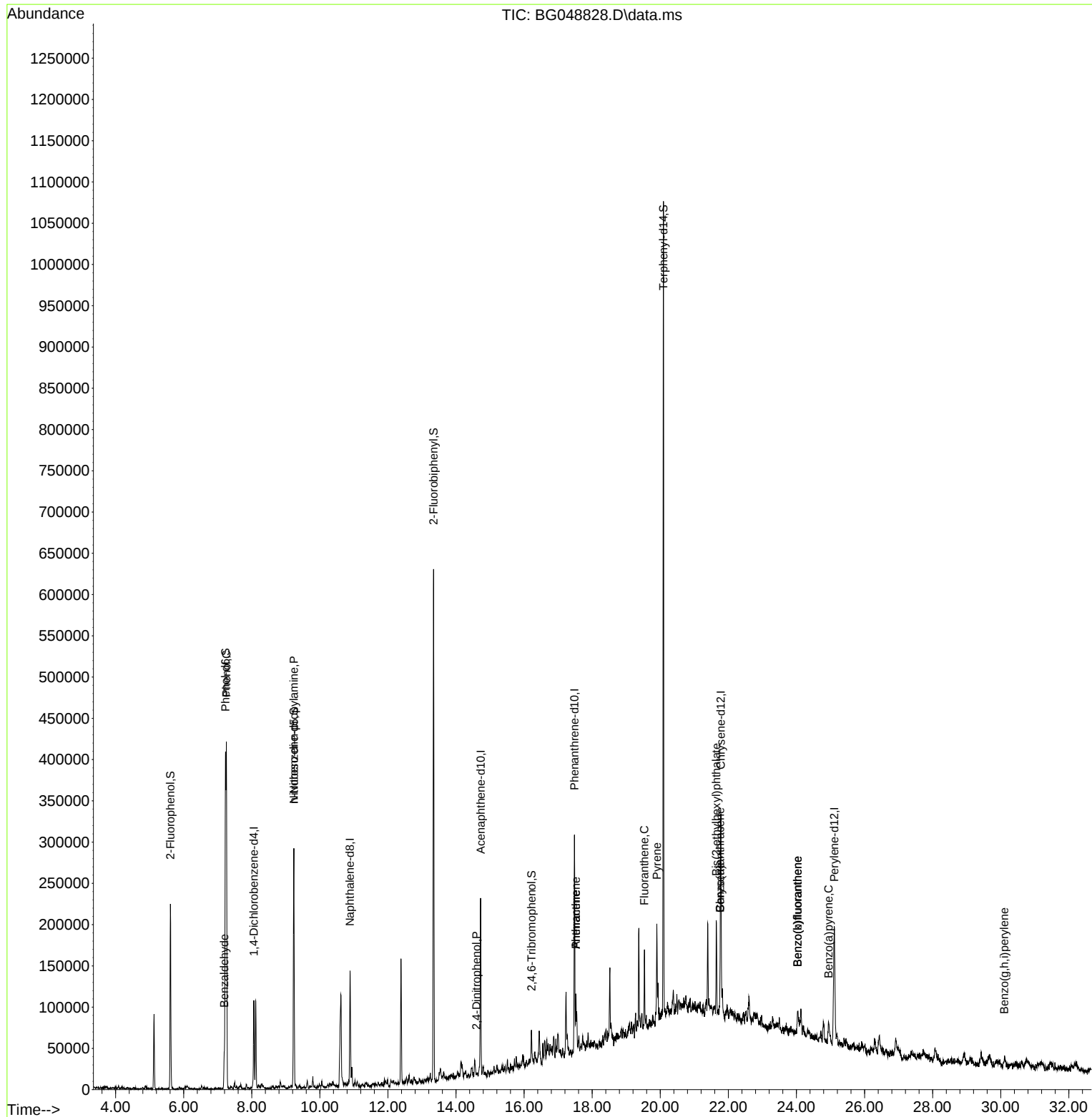
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	26221	20.00	ng	# 0.00
21) Naphthalene-d8	10.885	136	107923	20.00	ng	# 0.00
39) Acenaphthene-d10	14.722	164	72802	20.00	ng	0.00
64) Phenanthrene-d10	17.478	188	155351	20.00	ng	# 0.00
76) Chrysene-d12	21.779	240	144901	20.00	ng	0.00
86) Perylene-d12	25.110	264	146192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	87866	56.05	ng	0.00
7) Phenol-d6	7.225	99	200623	90.47	ng	0.00
23) Nitrobenzene-d5	9.234	82	159474	66.16	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	6343	6.50	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	302229	59.95	ng	0.00
79) Terphenyl-d14	20.092	244	420797	49.98	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.190	77	12013	8.18	ng	# 69
10) Phenol	7.254	94	186754	85.64	ng	92
19) n-Nitroso-di-n-propyla...	9.234	70	26331	17.60	ng	# 83
54) 2,4-Dinitrophenol	14.599	184	57	5.35	ng	# 8
71) Phenanthrene	17.519	178	41887	5.19	ng	96
72) Anthracene	17.519	178	41887	5.25	ng	99
75) Fluoranthene	19.534	202	56019	5.49	ng	97
78) Pyrene	19.898	202	59259	5.91	ng	97
81) Benzo(a)anthracene	21.755	228	26660	2.69	ng	97
83) Chrysene	21.755	228	26660	2.83	ng	95
84) Bis(2-ethylhexyl)phtha...	21.643	149	46681	8.51	ng	# 96
88) Benzo(b)fluoranthene	24.035	252	37202	3.75	ng	# 91
89) Benzo(k)fluoranthene	24.035	252	37202	3.99	ng	# 95
90) Benzo(a)pyrene	24.945	252	28849	3.16	ng	# 96
92) Benzo(g,h,i)perylene	30.104	276	19836	2.18	ng	# 87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048828.D
Acq On : 21 Apr 2021 20:46
Operator : CG/JU
Sample : M1998-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3B

Quant Time: Apr 22 01:01:50 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 20 17:33:30 2021
Response via : Initial Calibration

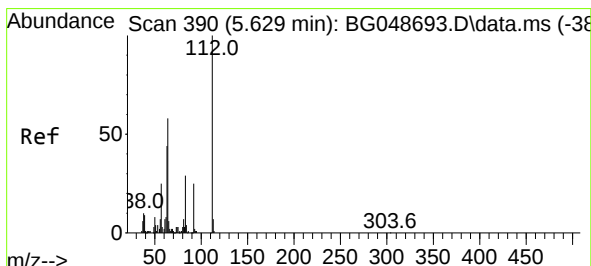
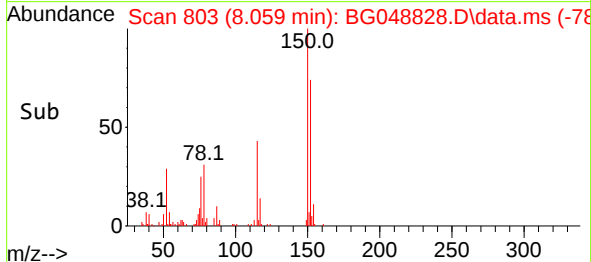
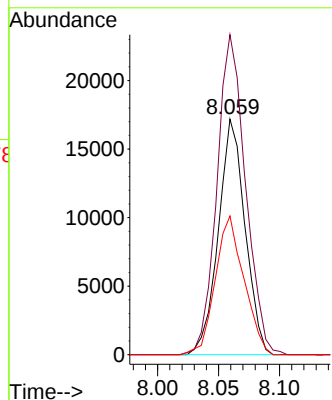
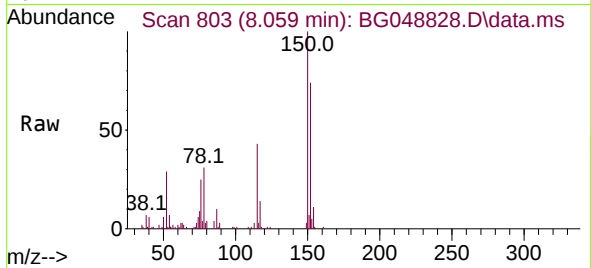




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.059 min Scan# 803
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

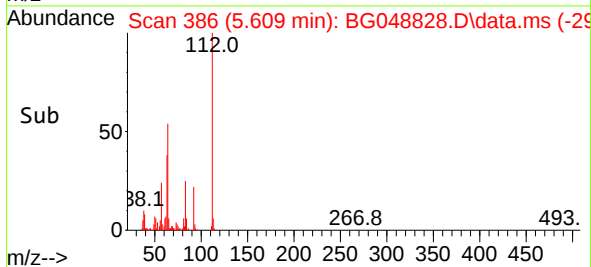
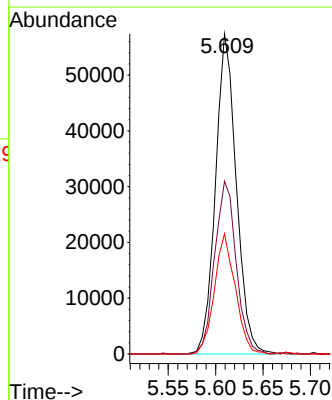
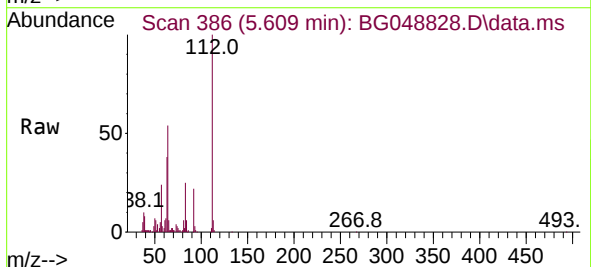
Instrument :
BNA_G
ClientSampled :
SB-3B

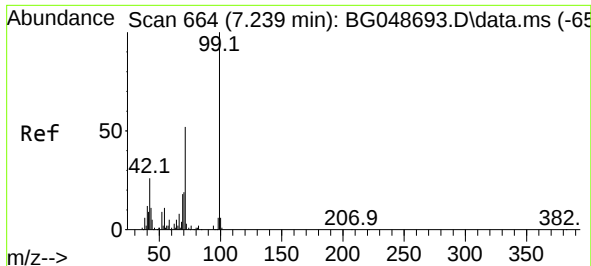
Tgt Ion:152 Resp: 26221
Ion Ratio Lower Upper
152 100
150 135.8 119.4 179.0
115 58.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 56.05 ng
RT: 5.609 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:112 Resp: 87866
Ion Ratio Lower Upper
112 100
64 54.0 46.7 70.1
63 37.5 35.3 52.9

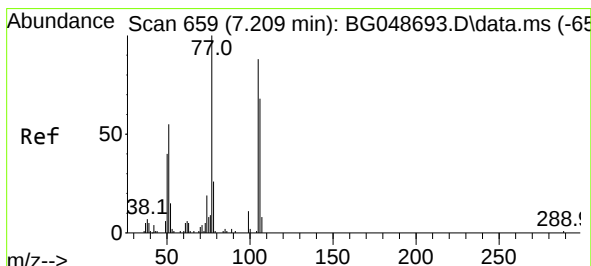
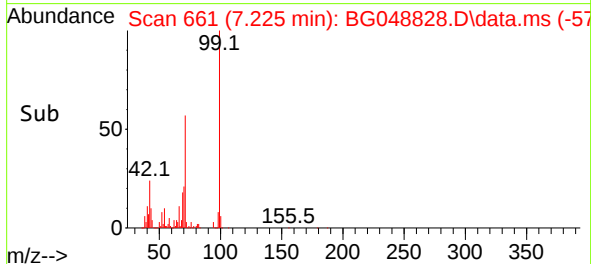
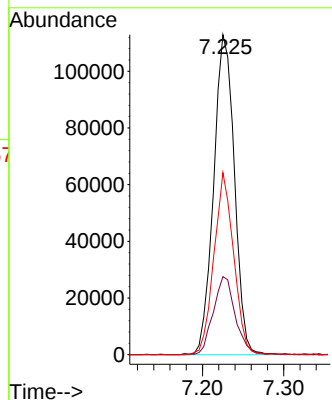
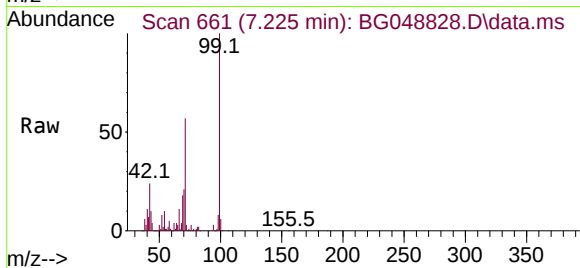




#7
Phenol-d6
Concen: 90.47 ng
RT: 7.225 min Scan# 661
Delta R.T. 0.004 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

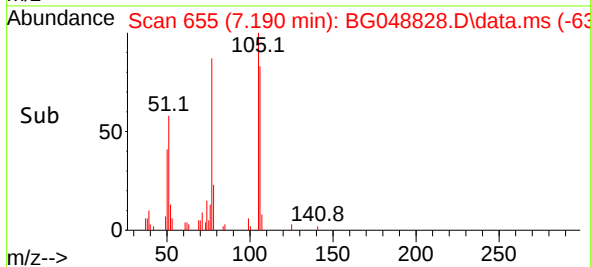
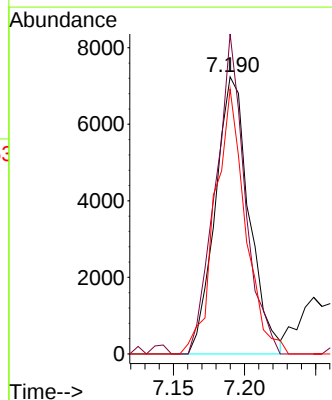
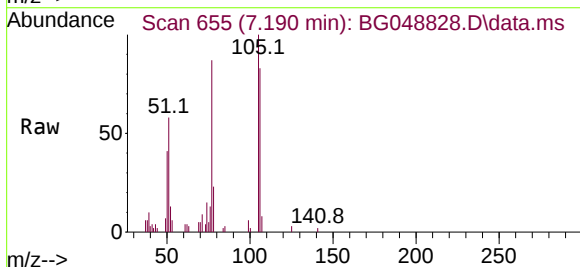
Instrument :
BNA_G
ClientSampleId :
SB-3B

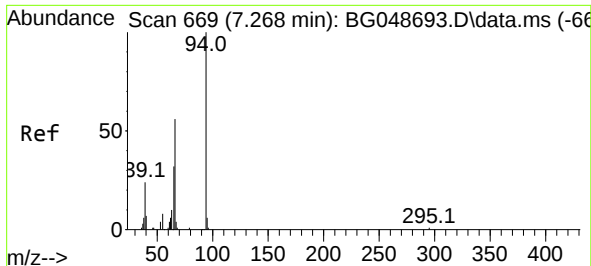
Tgt Ion: 99 Resp: 200623
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 56.9 41.5 62.3



#9
Benzaldehyde
Concen: 8.18 ng
RT: 7.190 min Scan# 655
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion: 77 Resp: 12013
Ion Ratio Lower Upper
77 100
105 115.5 68.8 108.8#
106 95.7 47.9 87.9#

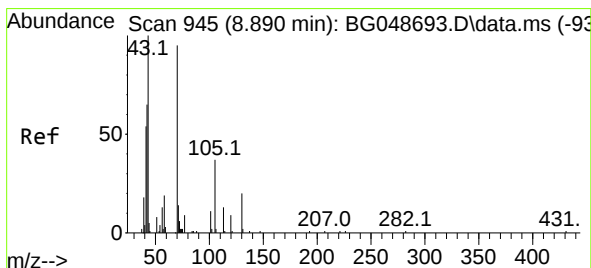
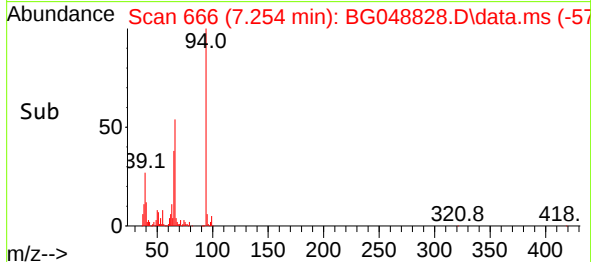
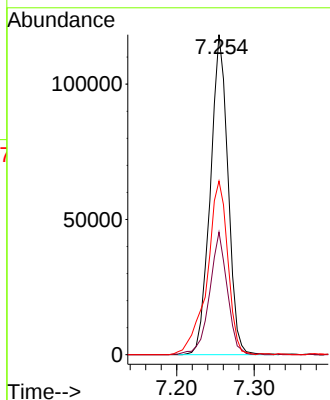
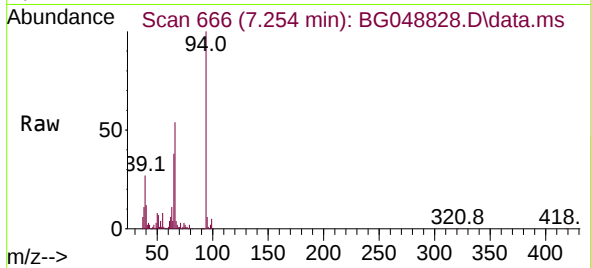




#10
Phenol
Concen: 85.64 ng
RT: 7.254 min Scan# 666
Delta R.T. 0.004 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

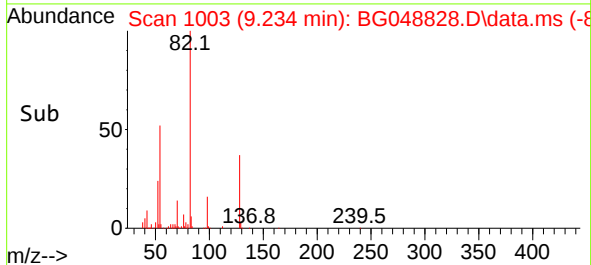
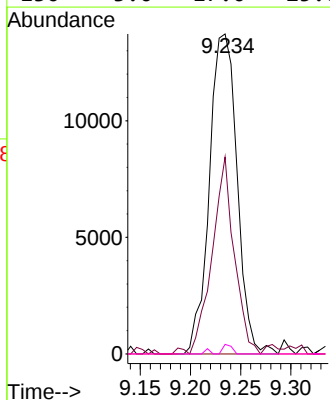
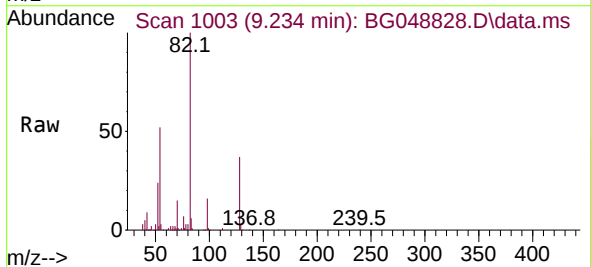
Instrument :
BNA_G
ClientSampleId :
SB-3B

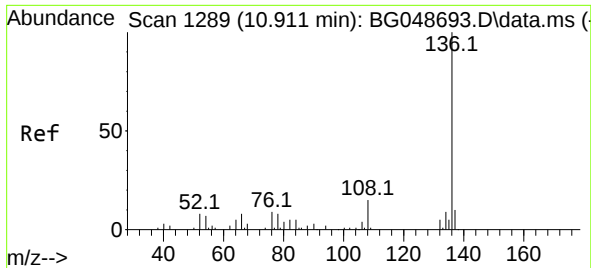
Tgt Ion: 94 Resp: 186754
Ion Ratio Lower Upper
94 100
65 38.3 12.9 52.9
66 54.3 39.4 79.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.60 ng
RT: 9.234 min Scan# 1003
Delta R.T. 0.362 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion: 70 Resp: 26331
Ion Ratio Lower Upper
70 100
42 61.6 54.5 81.7
101 0.0 9.0 13.6#
130 3.0 17.0 25.6#

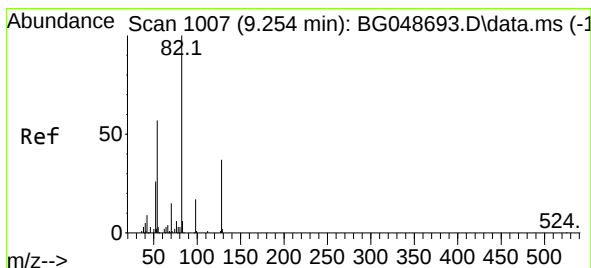
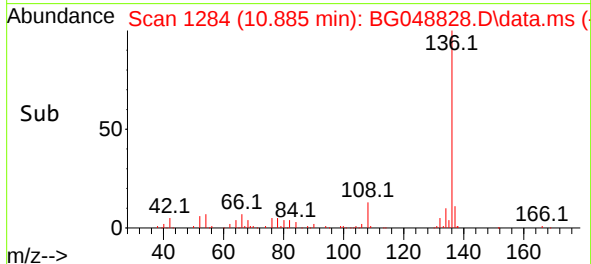
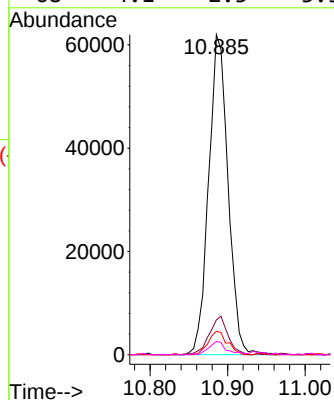
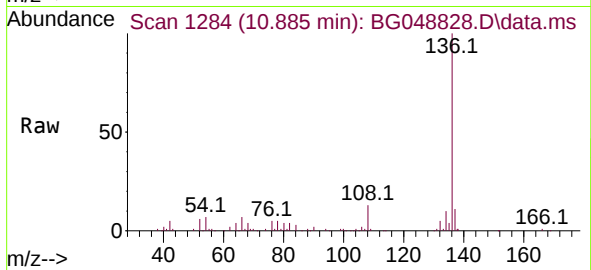




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.885 min Scan# 1284
Delta R.T. -0.008 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

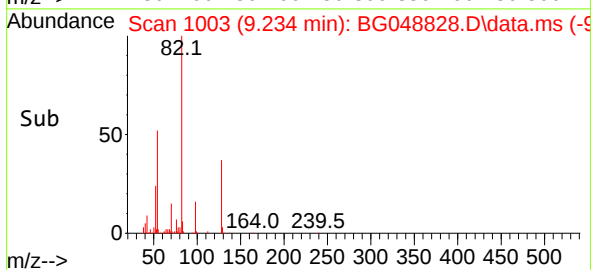
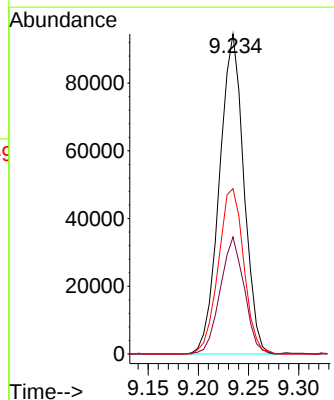
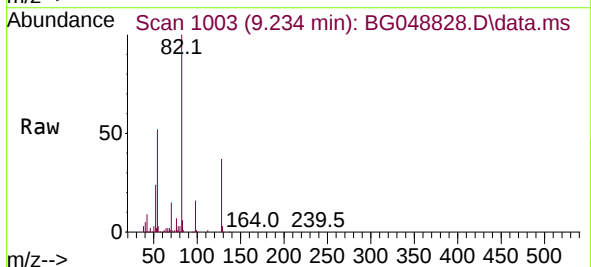
Instrument :
BNA_G
ClientSampled :
SB-3B

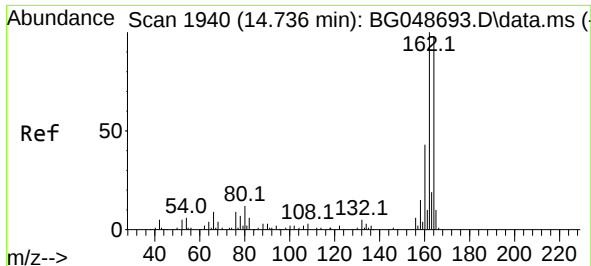
Tgt Ion:136	Resp:	107923
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	7.3	5.5 8.3
68	4.1	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 66.16 ng
RT: 9.234 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion: 82	Resp:	159474
Ion Ratio	Lower	Upper
82	100	
128	36.6	29.8 44.6
54	51.6	45.8 68.8

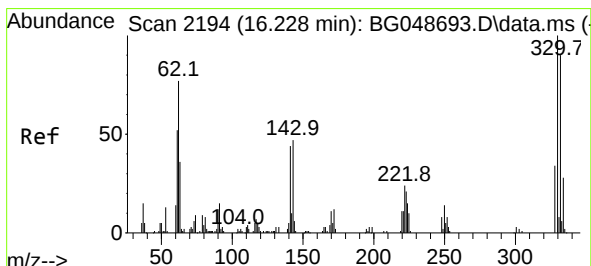
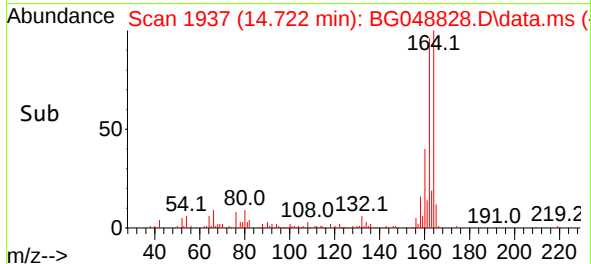
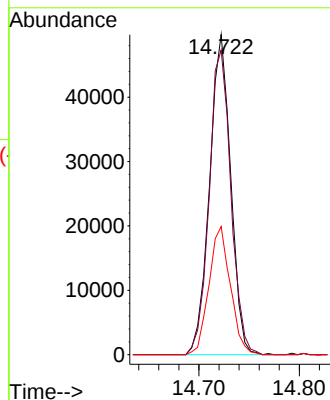
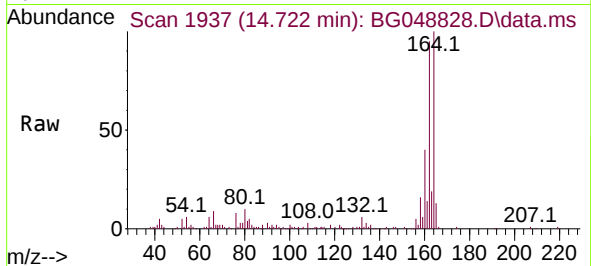




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.722 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

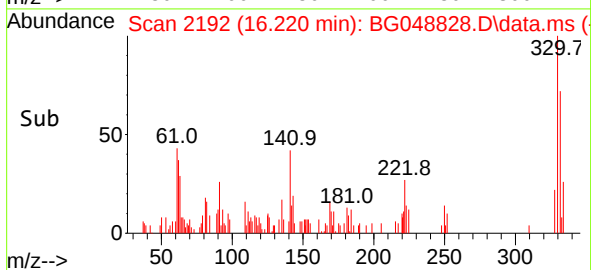
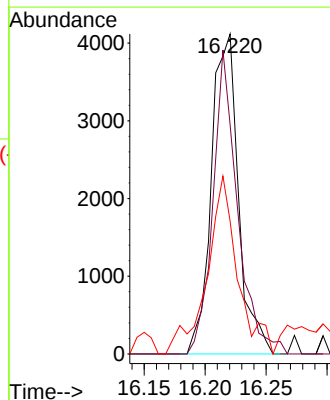
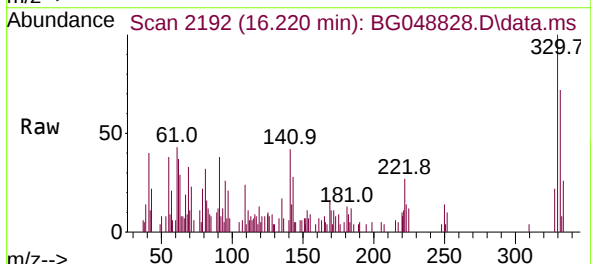
Instrument :
BNA_G
ClientSampleId :
SB-3B

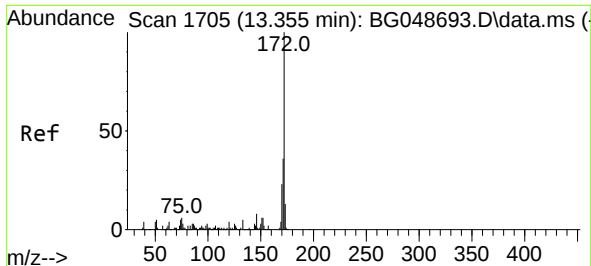
Tgt Ion:164 Resp: 72802
Ion Ratio Lower Upper
164 100
162 95.2 81.4 122.0
160 40.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 6.50 ng
RT: 16.220 min Scan# 2192
Delta R.T. 0.004 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:330 Resp: 6343
Ion Ratio Lower Upper
330 100
332 86.5 77.3 115.9
141 62.6 35.6 53.4#

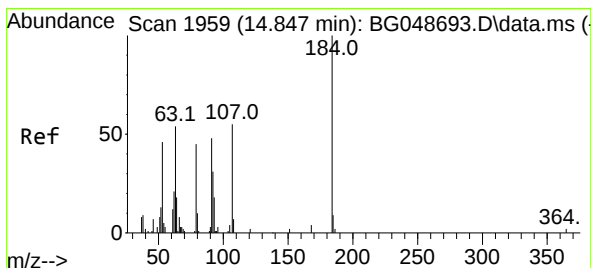
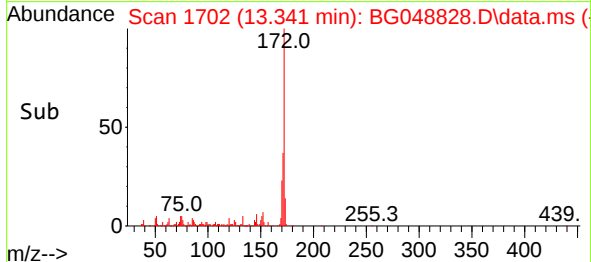
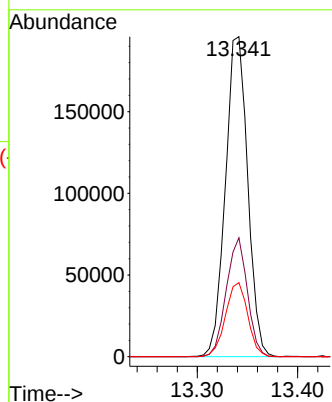
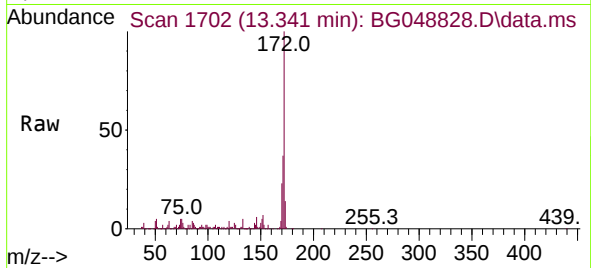




#45
2-Fluorobiphenyl
Concen: 59.95 ng
RT: 13.341 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

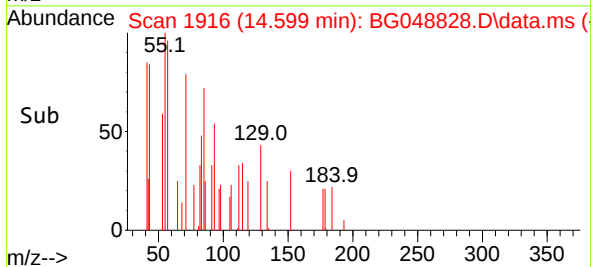
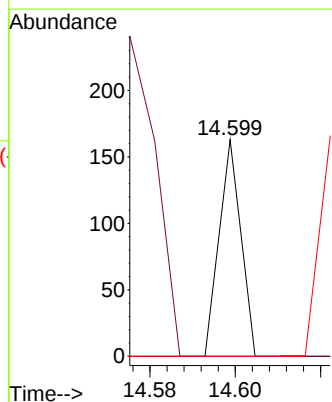
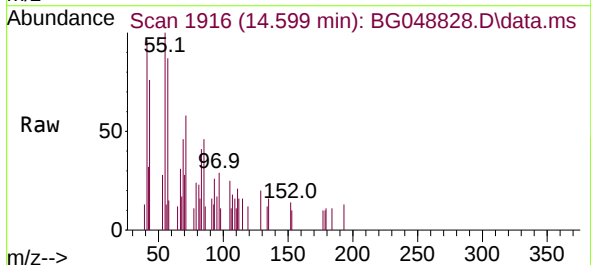
Instrument :
BNA_G
ClientSampled :
SB-3B

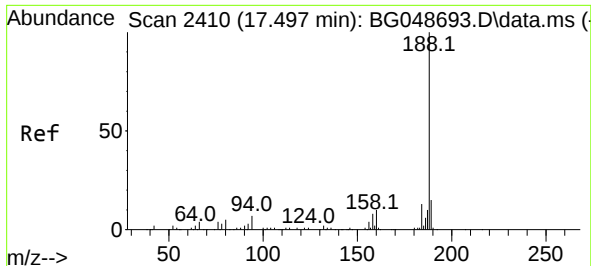
Tgt Ion:172 Resp: 302229
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 23.2 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 5.35 ng
RT: 14.599 min Scan# 1916
Delta R.T. -0.237 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

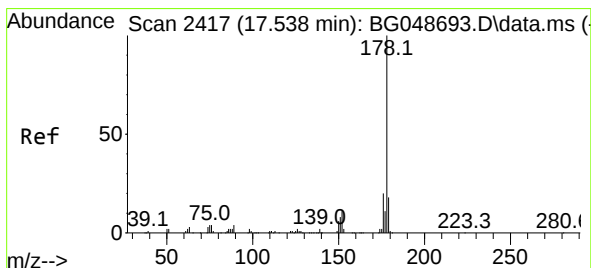
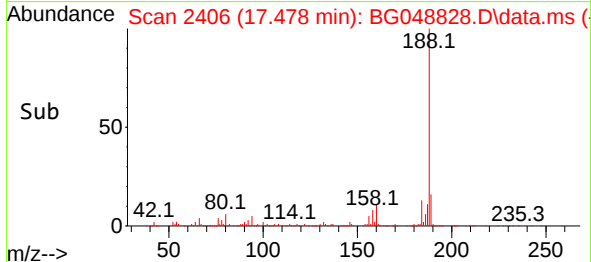
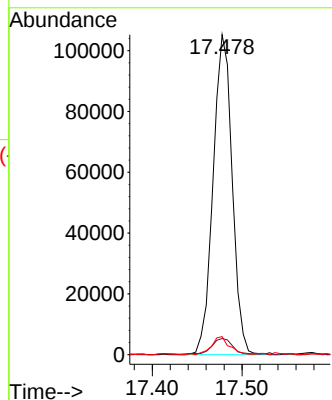
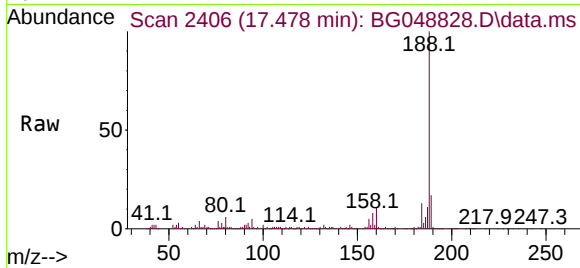




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.478 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

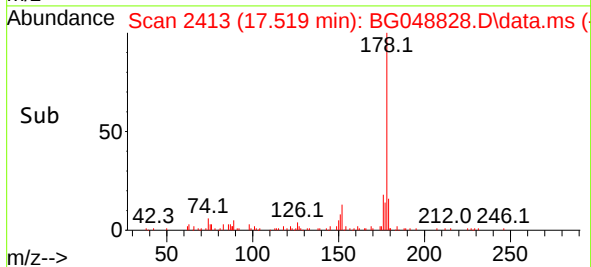
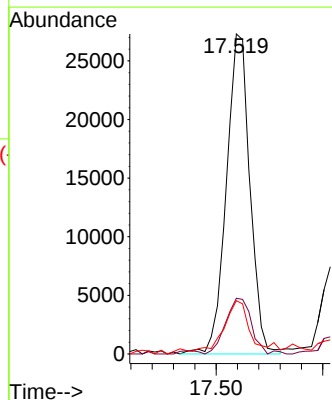
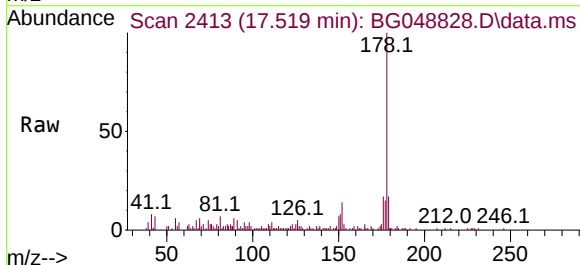
Instrument :
BNA_G
ClientSampleId :
SB-3B

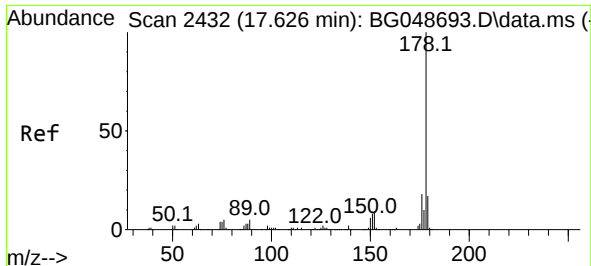
Tgt Ion:188 Resp: 155351
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 5.6 3.7 5.5#



#71
Phenanthrene
Concen: 5.19 ng
RT: 17.519 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:178 Resp: 41887
Ion Ratio Lower Upper
178 100
176 17.4 16.0 24.0
179 16.6 14.2 21.4

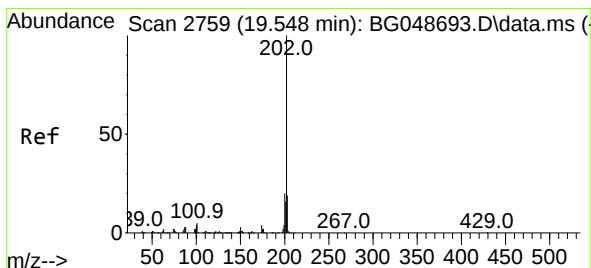
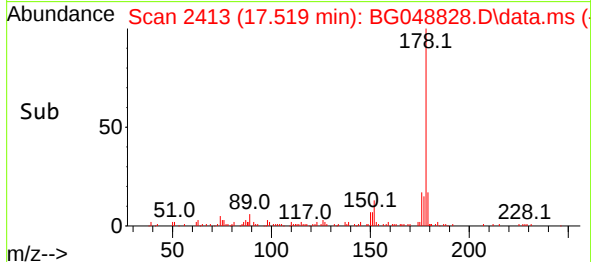
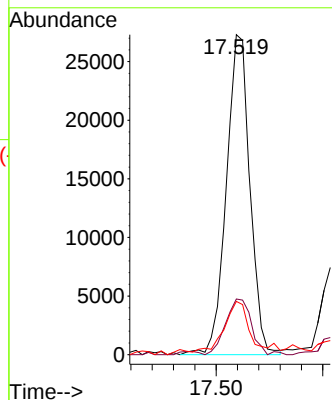
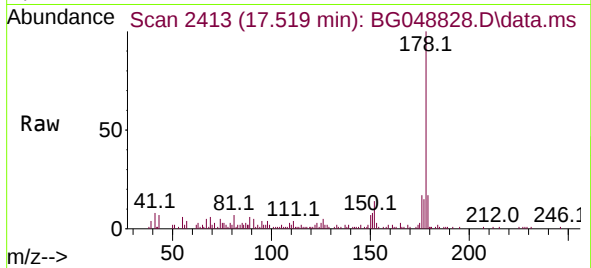




#72
 Anthracene
 Concen: 5.25 ng
 RT: 17.519 min Scan# 2413
 Delta R.T. -0.096 min
 Lab File: BG048828.D
 Acq: 21 Apr 2021 20:46

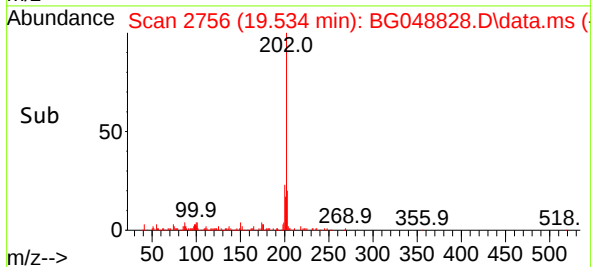
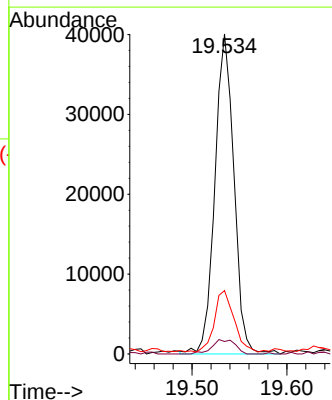
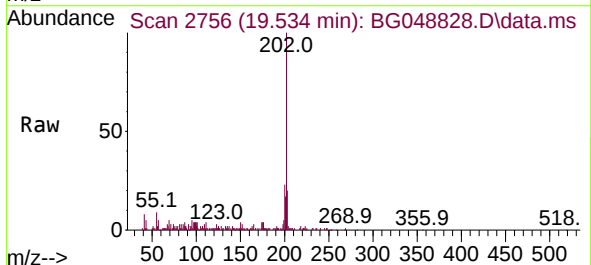
Instrument :
 BNA_G
 ClientSampled :
 SB-3B

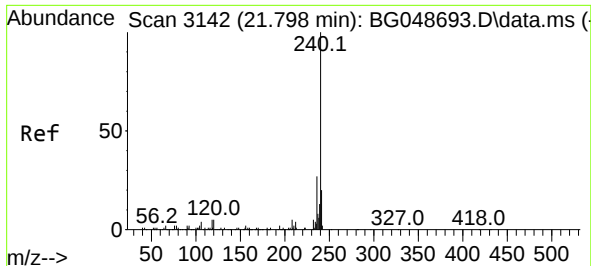
Tgt Ion:178 Resp: 41887
 Ion Ratio Lower Upper
 178 100
 176 17.4 14.6 21.8
 179 16.6 13.4 20.0



#75
 Fluoranthene
 Concen: 5.49 ng
 RT: 19.534 min Scan# 2756
 Delta R.T. -0.002 min
 Lab File: BG048828.D
 Acq: 21 Apr 2021 20:46

Tgt Ion:202 Resp: 56019
 Ion Ratio Lower Upper
 202 100
 101 3.9 0.0 24.7
 203 19.8 0.0 38.5

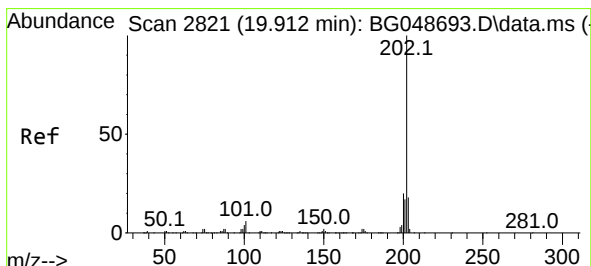
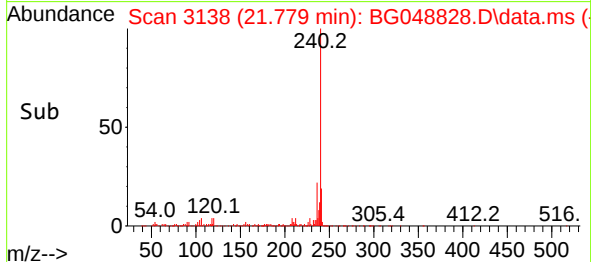
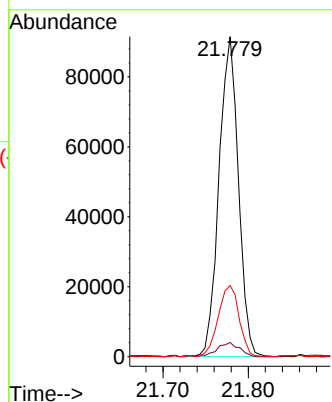
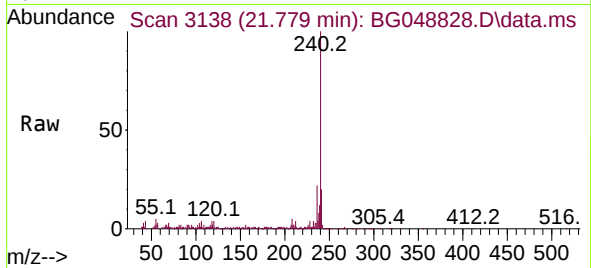




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.779 min Scan# 3138
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

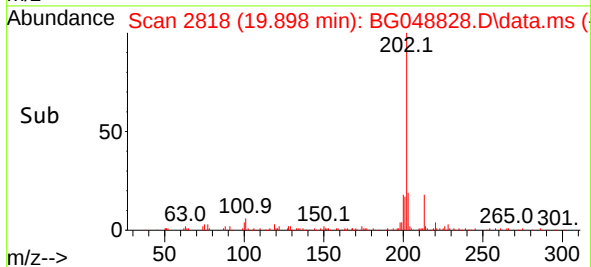
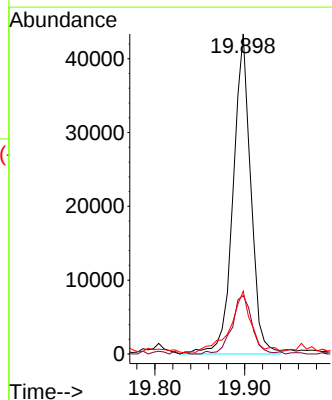
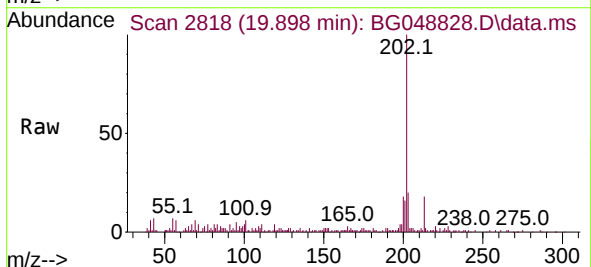
Instrument :
BNA_G
ClientSampleId :
SB-3B

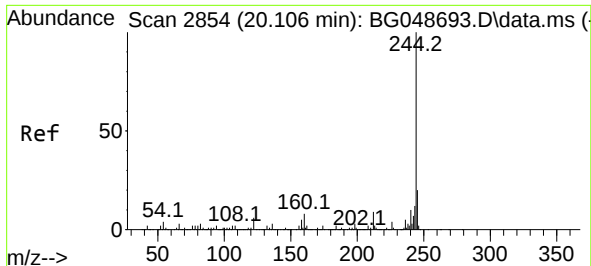
Tgt Ion:	240	Resp:	144901
Ion Ratio	Lower	Upper	
240	100		
120	4.4	4.2	6.2
236	22.2	21.8	32.6



#78
Pyrene
Concen: 5.91 ng
RT: 19.898 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:	202	Resp:	59259
Ion Ratio	Lower	Upper	
202	100		
200	18.2	15.8	23.8
203	19.6	14.6	21.8

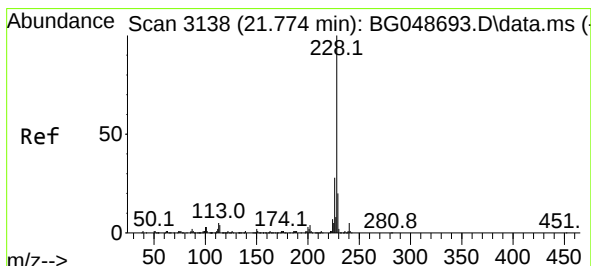
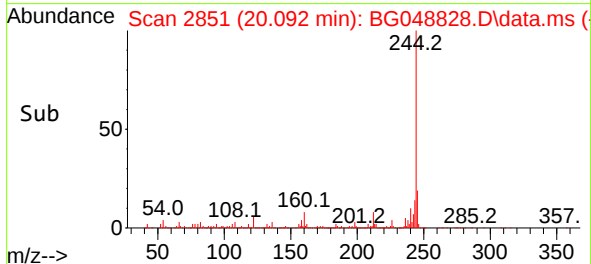
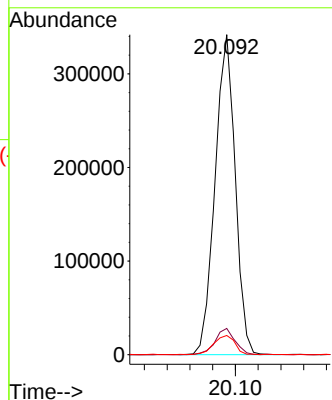
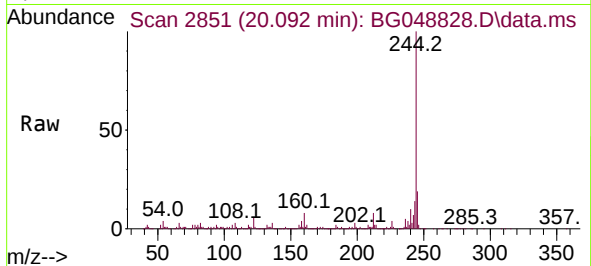




#79
 Terphenyl-d14
 Concen: 49.98 ng
 RT: 20.092 min Scan# 2851
 Delta R.T. -0.002 min
 Lab File: BG048828.D
 Acq: 21 Apr 2021 20:46

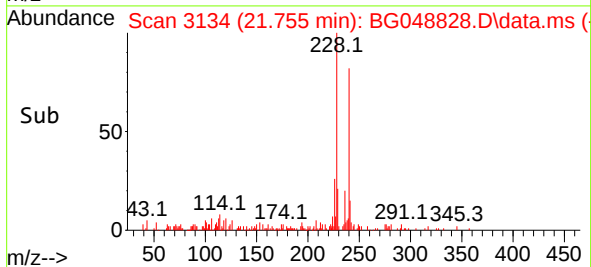
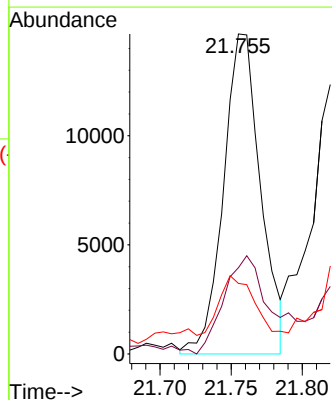
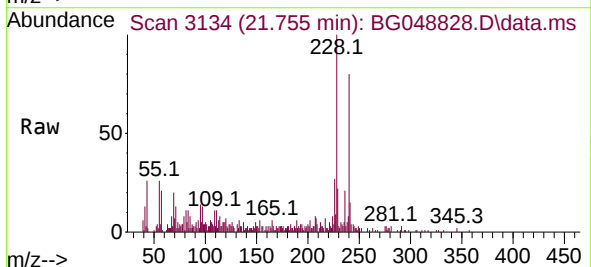
Instrument :
 BNA_G
 ClientSampleId :
 SB-3B

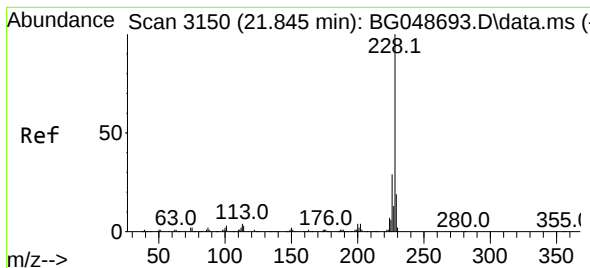
Tgt Ion:244 Resp: 420797
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 6.0 5.0 7.6



#81
 Benzo(a)anthracene
 Concen: 2.69 ng
 RT: 21.755 min Scan# 3134
 Delta R.T. -0.002 min
 Lab File: BG048828.D
 Acq: 21 Apr 2021 20:46

Tgt Ion:228 Resp: 26660
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.7 34.1
 229 22.1 16.0 24.0





#83

Chrysene

Concen: 2.83 ng

RT: 21.755 min Scan# 3134

Delta R.T. -0.072 min

Lab File: BG048828.D

Acq: 21 Apr 2021 20:46

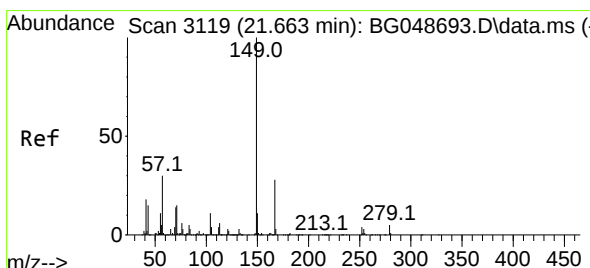
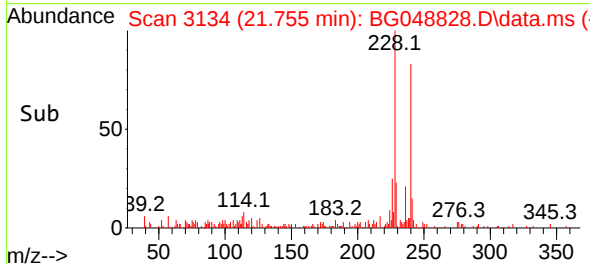
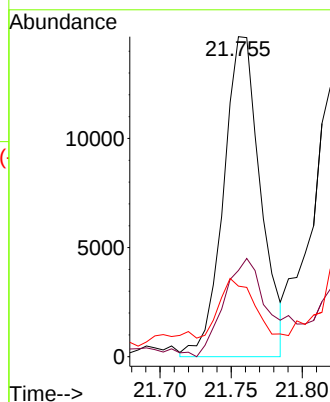
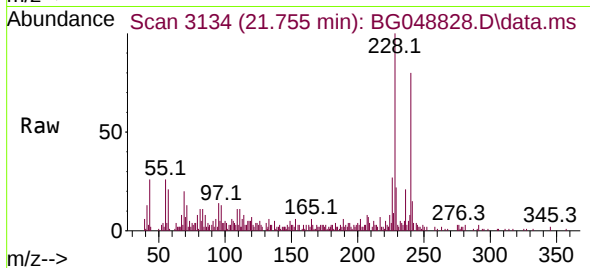
Instrument :

BNA_G

ClientSampleId :

SB-3B

Tgt Ion:	228	Resp:	26660
Ion Ratio	Lower	Upper	
228	100		
226	27.0	23.1	34.7
229	22.1	15.3	22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.51 ng

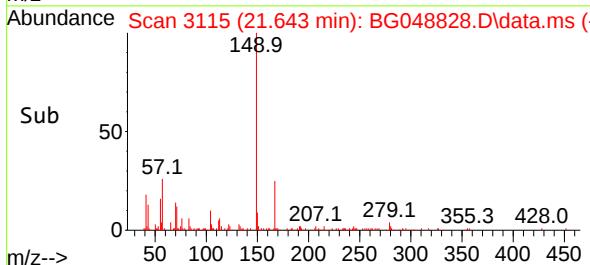
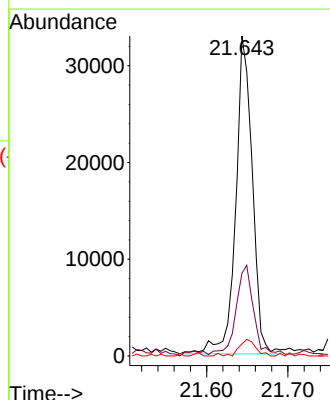
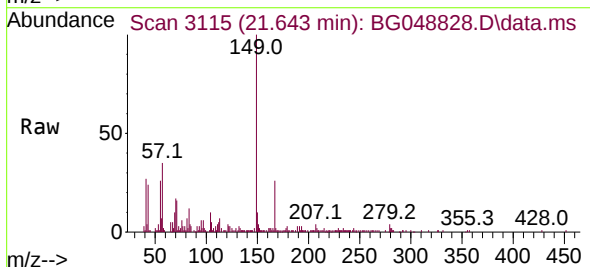
RT: 21.643 min Scan# 3115

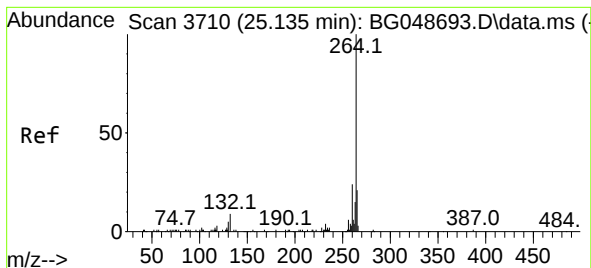
Delta R.T. -0.002 min

Lab File: BG048828.D

Acq: 21 Apr 2021 20:46

Tgt Ion:	149	Resp:	46681
Ion Ratio	Lower	Upper	
149	100		
167	25.9	22.3	33.5
279	3.7	3.8	5.8#

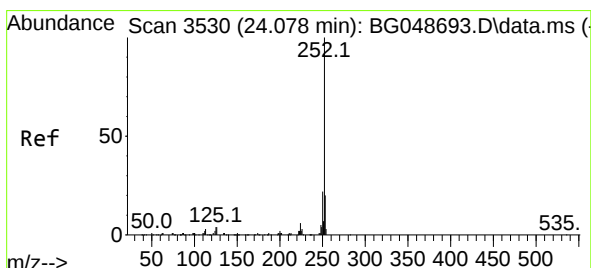
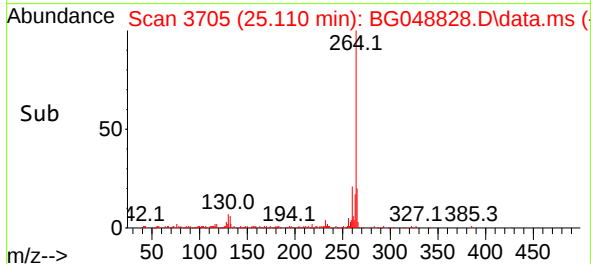
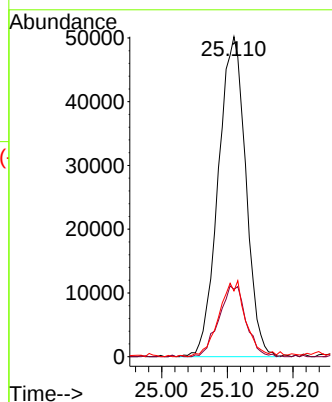
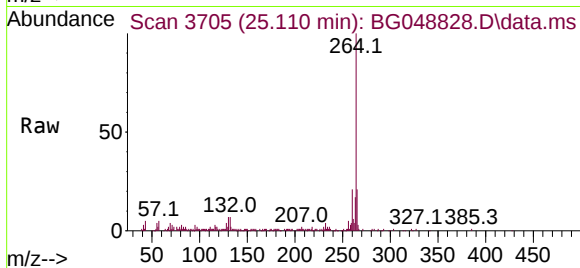




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.110 min Scan# 3705
 Delta R.T. -0.002 min
 Lab File: BG048828.D
 Acq: 21 Apr 2021 20:46

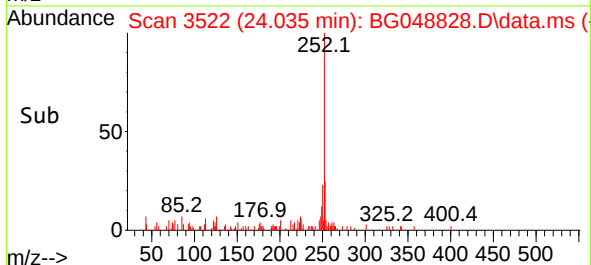
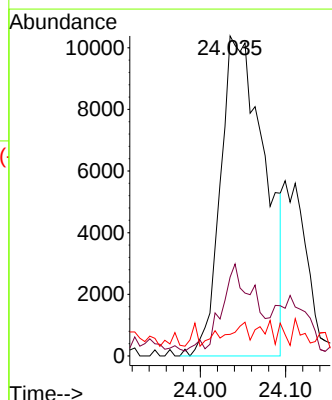
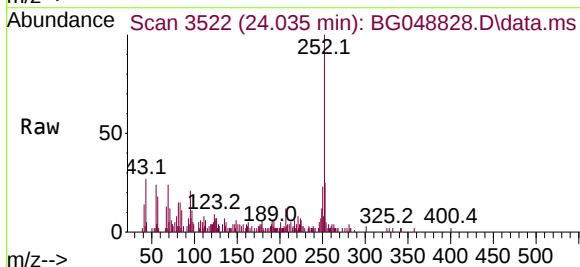
Instrument :
 BNA_G
 ClientSampled :
 SB-3B

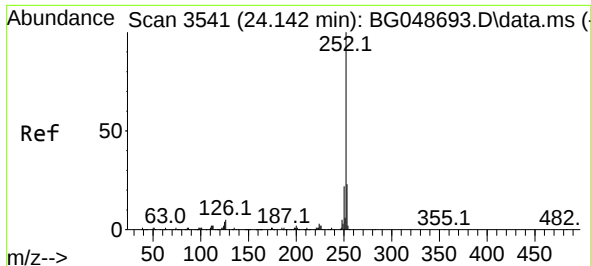
Tgt Ion:264 Resp: 146192
 Ion Ratio Lower Upper
 264 100
 260 21.0 19.4 29.2
 265 20.5 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 3.75 ng
 RT: 24.035 min Scan# 3522
 Delta R.T. -0.014 min
 Lab File: BG048828.D
 Acq: 21 Apr 2021 20:46

Tgt Ion:252 Resp: 37202
 Ion Ratio Lower Upper
 252 100
 253 24.7 16.2 24.4#
 125 6.7 3.0 4.4#

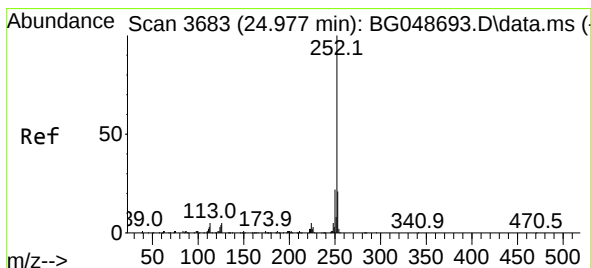
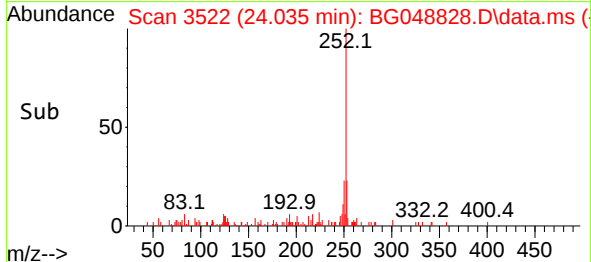
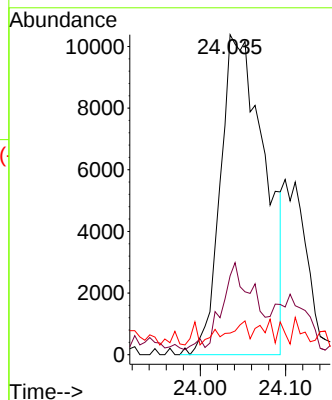
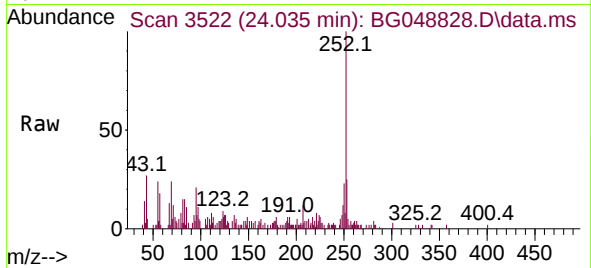




#89
Benzo(k)fluoranthene
Concen: 3.99 ng
RT: 24.035 min Scan# 3522
Delta R.T. -0.084 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

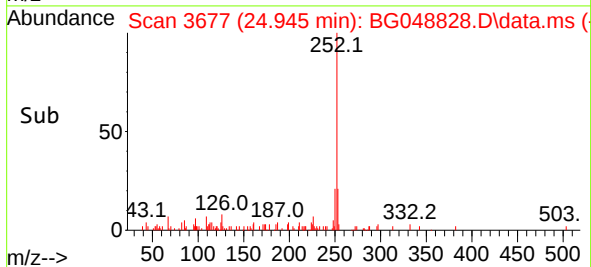
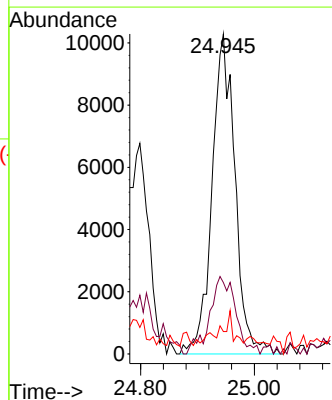
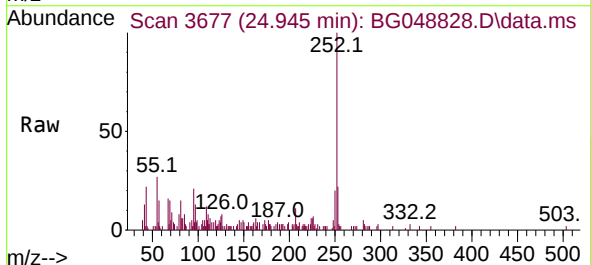
Instrument :
BNA_G
ClientSampleId :
SB-3B

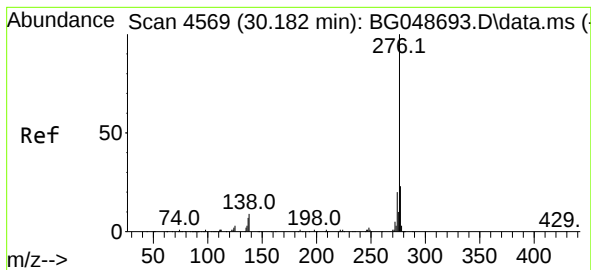
Tgt Ion:252 Resp: 37202
Ion Ratio Lower Upper
252 100
253 24.7 18.0 27.0
125 6.7 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 3.16 ng
RT: 24.945 min Scan# 3677
Delta R.T. -0.008 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:252 Resp: 28849
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 7.0 3.5 5.3#





#92
 Benzo(g,h,i)perylene
 Concen: 2.18 ng
 RT: 30.104 min Scan# 4555
 Delta R.T. -0.025 min
 Lab File: BG048828.D
 Acq: 21 Apr 2021 20:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-3B

Tgt Ion	Ratio	Lower	Upper
276	100		
277	17.2	18.4	27.6#
138	14.6	7.0	10.6#

