

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048830.D
 Acq On : 21 Apr 2021 22:07
 Operator : CG/JU
 Sample : M1998-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4A

Quant Time: Apr 22 01:02:19 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)

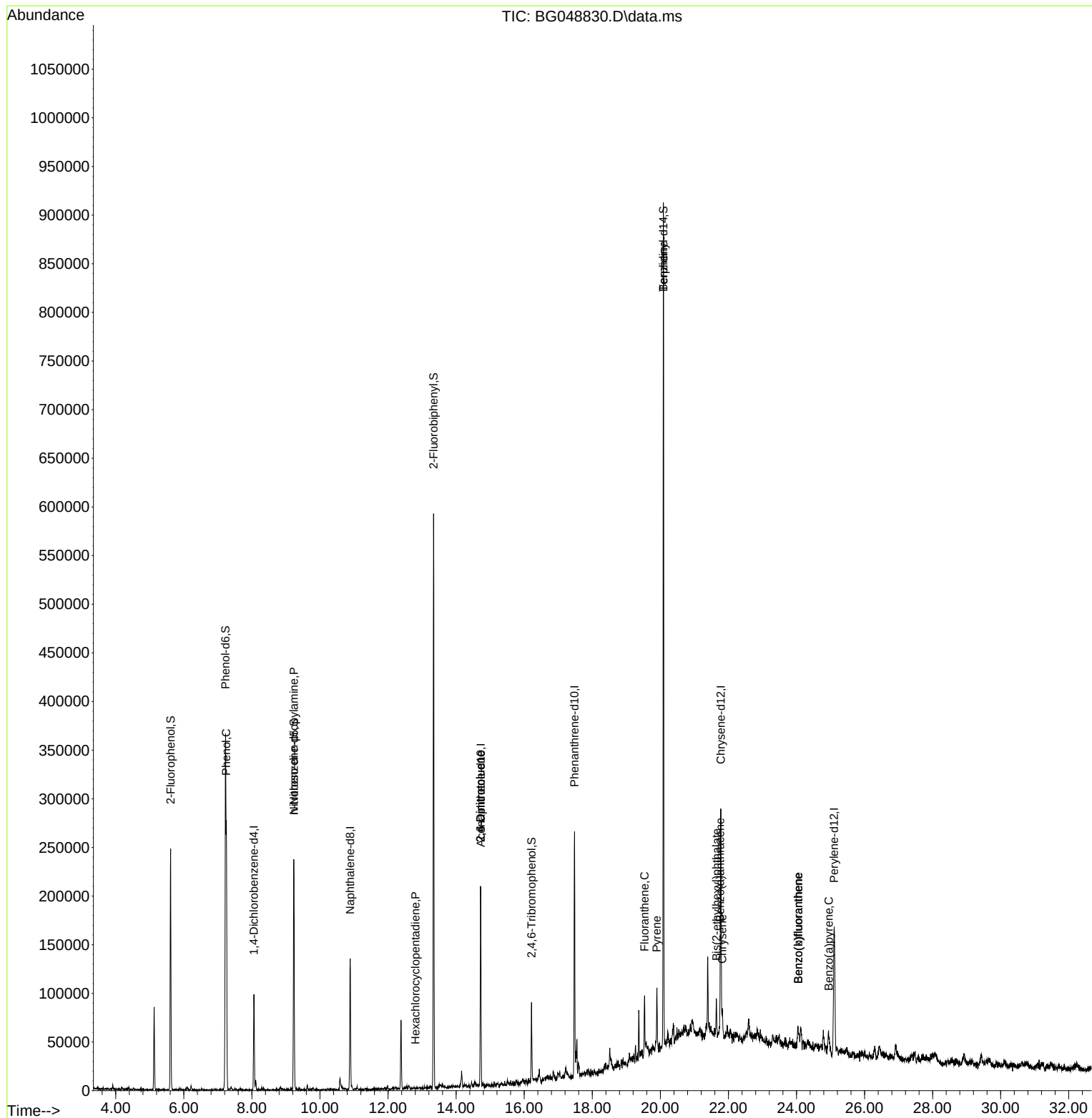
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	24119	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	107092	20.00	ng	0.00
39) Acenaphthene-d10	14.725	164	69688	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	151950	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	135251	20.00	ng	# 0.00
86) Perylene-d12	25.107	264	135275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	95923	66.52	ng	0.00
7) Phenol-d6	7.228	99	173771	85.19	ng	0.00
23) Nitrobenzene-d5	9.231	82	135481	56.64	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	12717	13.61	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	279986	58.02	ng	0.00
79) Terphenyl-d14	20.089	244	380675	48.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.251	94	117883	58.77	ng	95
19) n-Nitroso-di-n-propyla...	9.231	70	22920	16.65	ng	# 67
41) Hexachlorocyclopentadiene	12.809	237	70	5.91	ng	# 31
51) 2,6-Dinitrotoluene	14.719	165	9632	7.99	ng	# 10
57) 2,4-Dinitrotoluene	14.719	165	9632	5.50	ng	# 15
75) Fluoranthene	19.537	202	32536	3.26	ng	96
77) Benzidine	20.089	184	7357	2.00	ng	99
78) Pyrene	19.895	202	33506	3.58	ng	95
81) Benzo(a)anthracene	21.758	228	19992	2.16	ng	# 91
83) Chrysene	21.822	228	18768	2.13	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.652	149	12157	2.37	ng	# 93
88) Benzo(b)fluoranthene	24.049	252	27202	2.96	ng	# 86
89) Benzo(k)fluoranthene	24.049	252	27202	3.15	ng	# 90
90) Benzo(a)pyrene	24.948	252	20540	2.43	ng	# 69

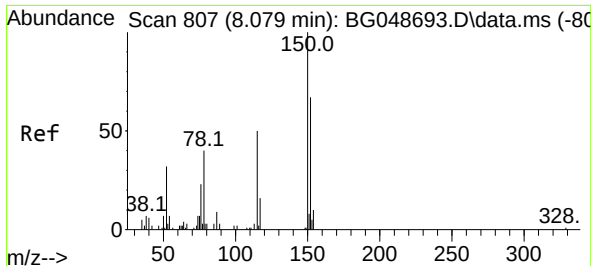
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048830.D
Acq On : 21 Apr 2021 22:07
Operator : CG/JU
Sample : M1998-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4A

Quant Time: Apr 22 01:02:19 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

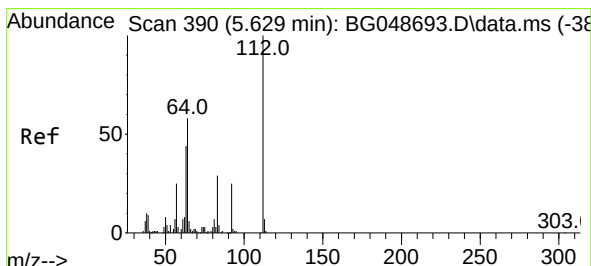
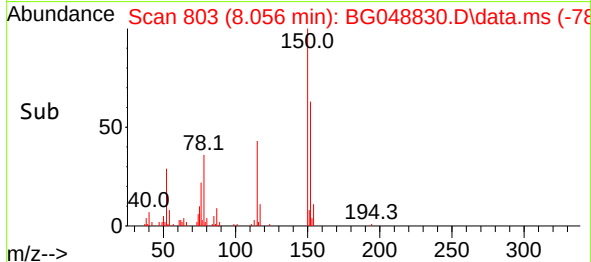
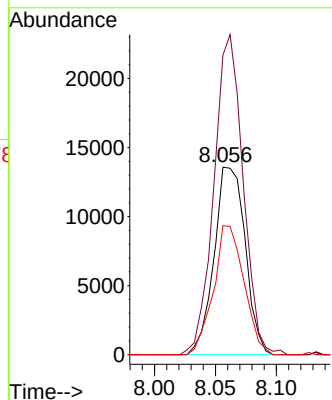
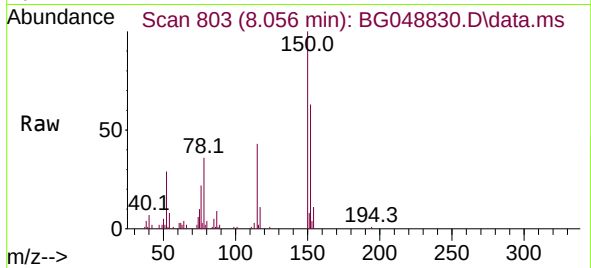




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

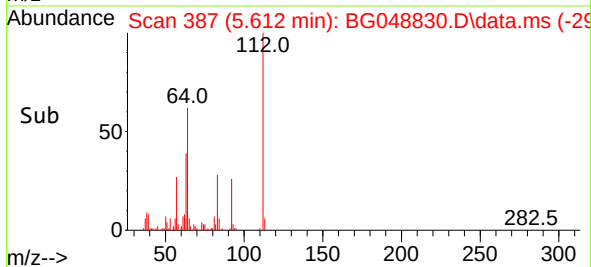
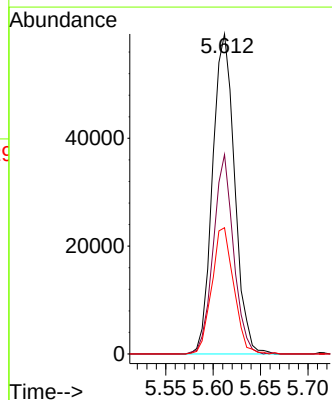
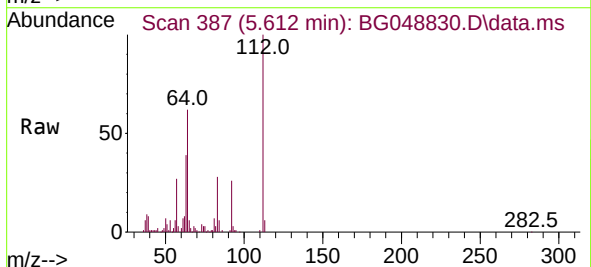
Instrument :
BNA_G
ClientSampleId :
SB-4A

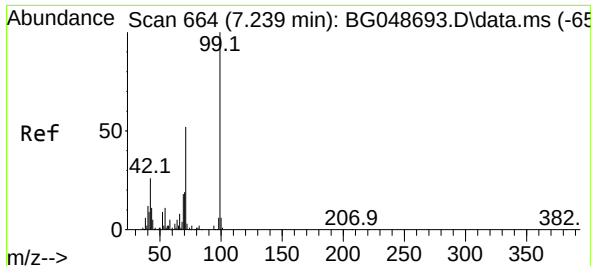
Tgt Ion:152 Resp: 24119
Ion Ratio Lower Upper
152 100
150 159.9 119.4 179.0
115 68.8 60.2 90.4



#5
2-Fluorophenol
Concen: 66.52 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:112 Resp: 95923
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 39.4 35.3 52.9

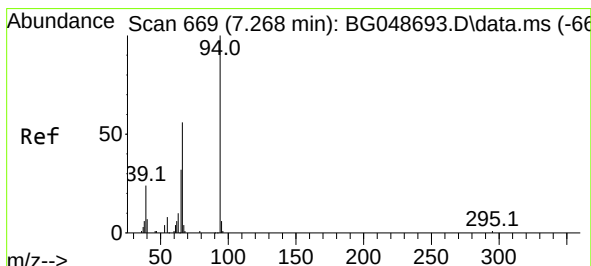
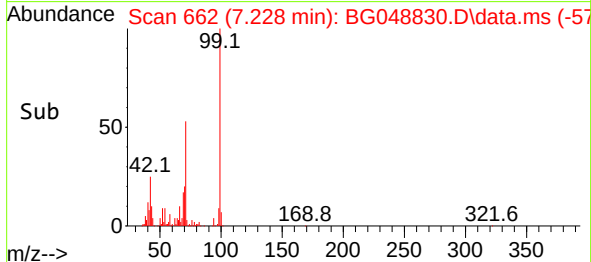
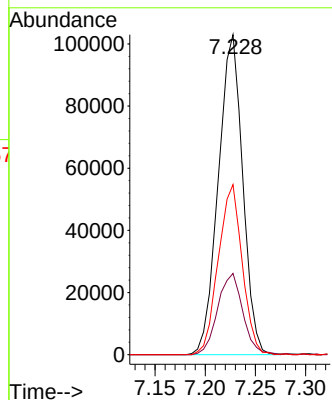
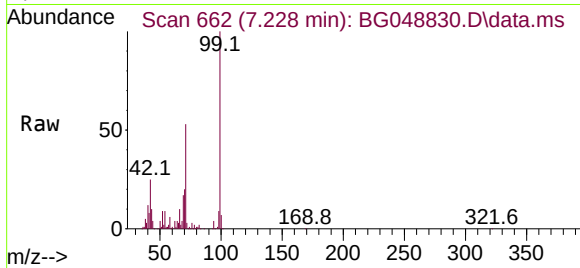




#7
Phenol-d6
Concen: 85.19 ng
RT: 7.228 min Scan# 662
Delta R.T. 0.007 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

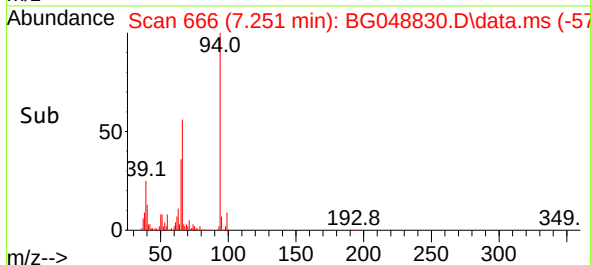
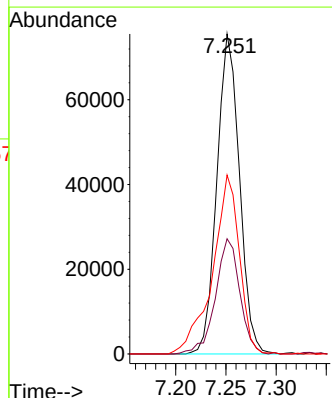
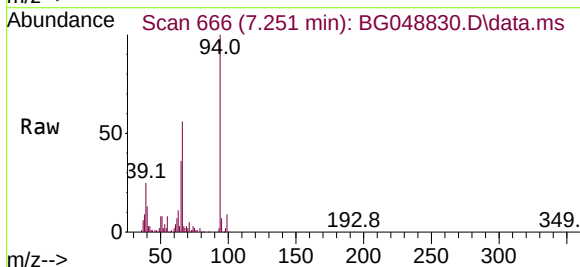
Instrument :
BNA_G
ClientSampleId :
SB-4A

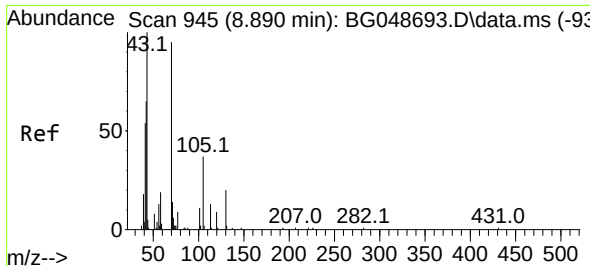
Tgt Ion: 99 Resp: 173771
Ion Ratio Lower Upper
99 100
42 25.4 20.5 30.7
71 53.1 41.5 62.3



#10
Phenol
Concen: 58.77 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion: 94 Resp: 117883
Ion Ratio Lower Upper
94 100
65 36.0 12.9 52.9
66 55.9 39.4 79.4

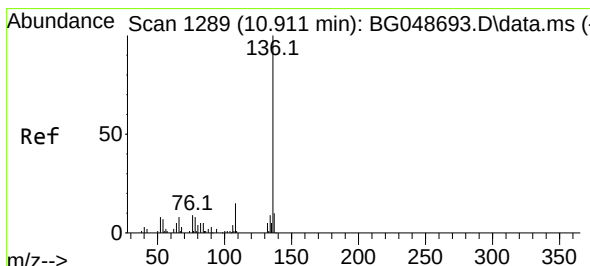
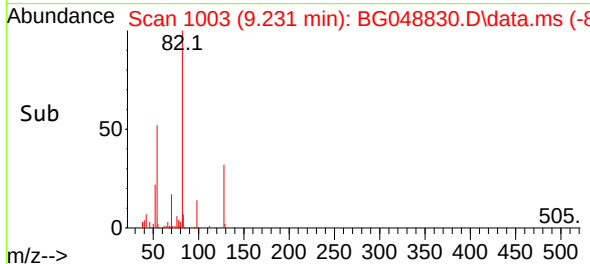
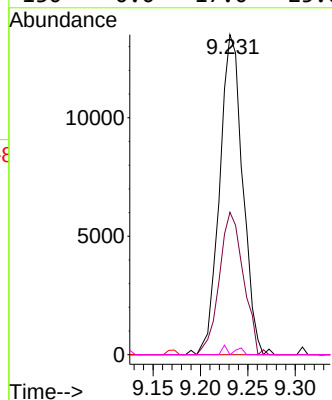
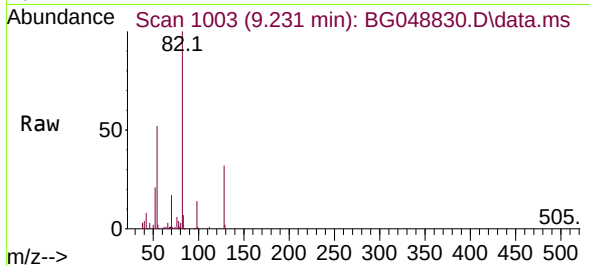




#19
n-Nitroso-di-n-propylamine
Concen: 16.65 ng
RT: 9.231 min Scan# 1003
Delta R.T. 0.359 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

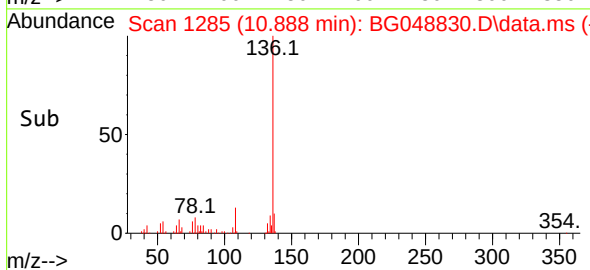
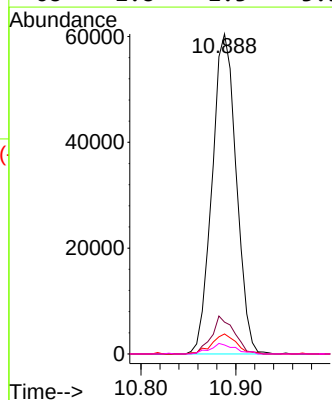
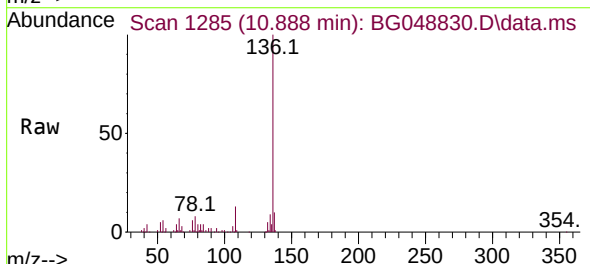
Instrument :
BNA_G
ClientSampleId :
SB-4A

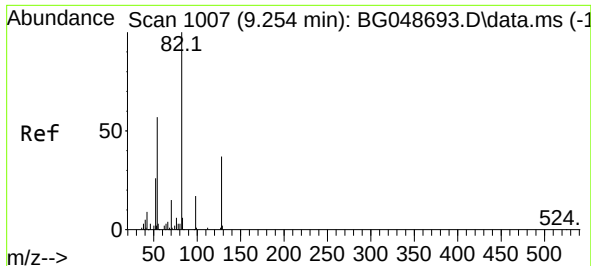
Tgt Ion: 70	Resp: 22920
Ion Ratio	Lower Upper
70 100	
42 44.5	54.5 81.7#
101 0.0	9.0 13.6#
130 0.0	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion: 136	Resp: 107092
Ion Ratio	Lower Upper
136 100	
137 10.0	8.2 12.2
54 6.3	5.5 8.3
68 2.8	2.3 3.5

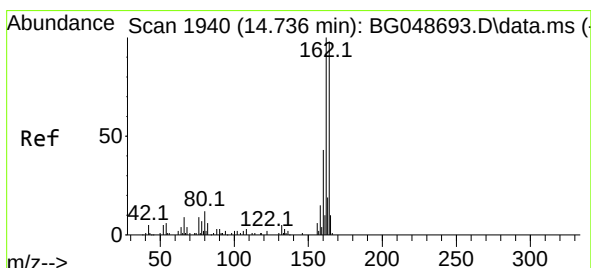
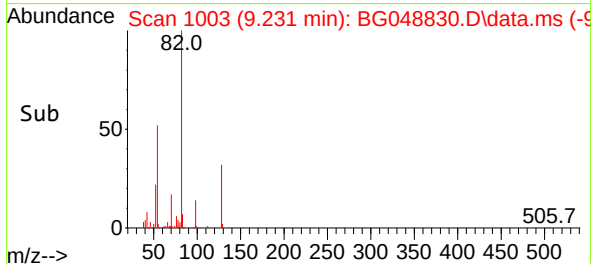
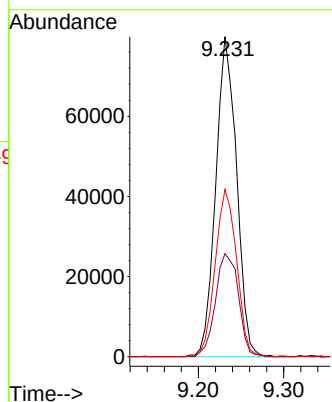
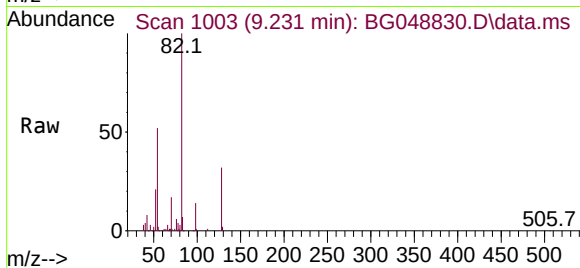




#23
Nitrobenzene-d5
Concen: 56.64 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

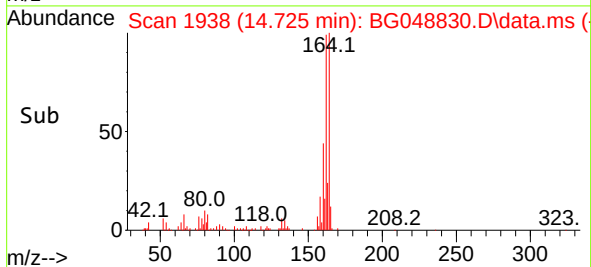
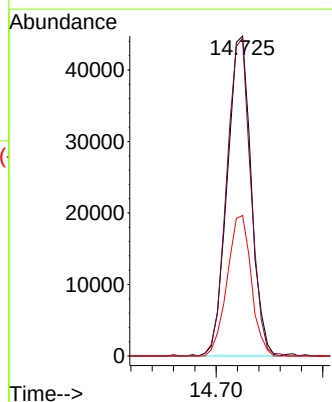
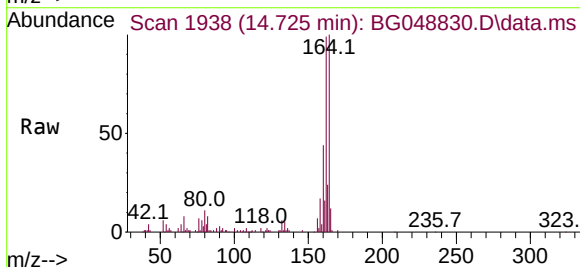
Instrument :
BNA_G
ClientSampleId :
SB-4A

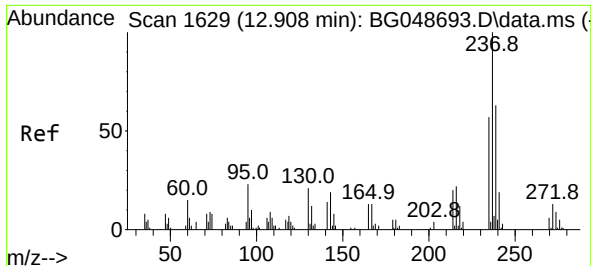
Tgt Ion:	82	Resp:	135481
Ion Ratio	Lower	Upper	
82	100		
128	32.2	29.8	44.6
54	52.3	45.8	68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:	164	Resp:	69688
Ion Ratio	Lower	Upper	
164	100		
162	99.4	81.4	122.0
160	43.9	34.9	52.3

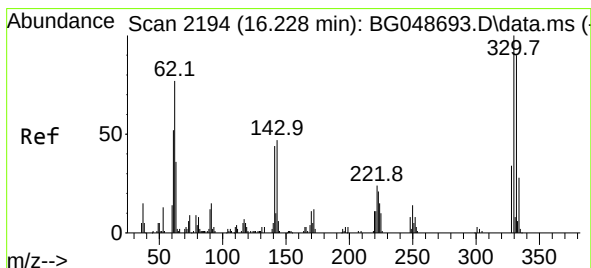
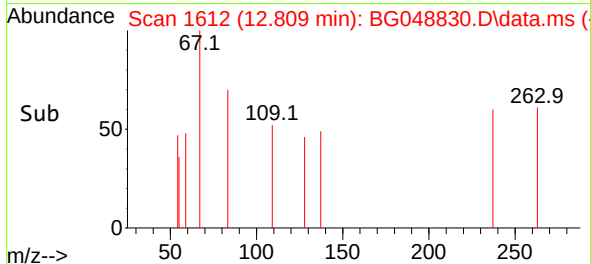
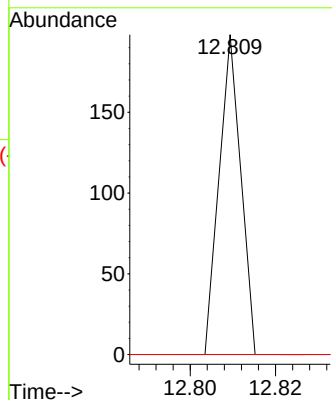
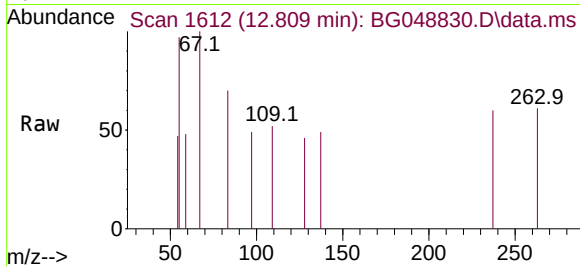




#41
Hexachlorocyclopentadiene
Concen: 5.91 ng
RT: 12.809 min Scan# 1612
Delta R.T. -0.082 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

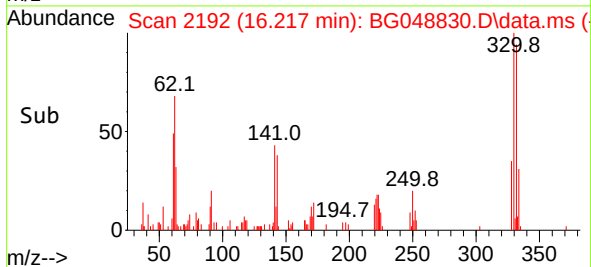
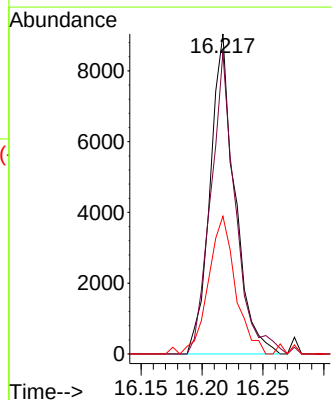
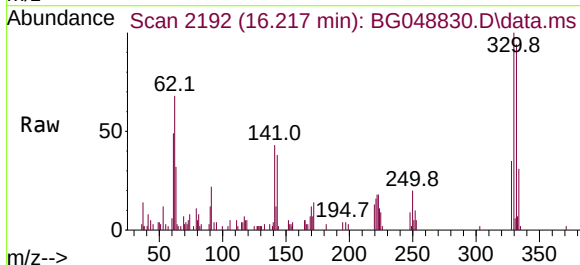
Instrument :
BNA_G
ClientSampled :
SB-4A

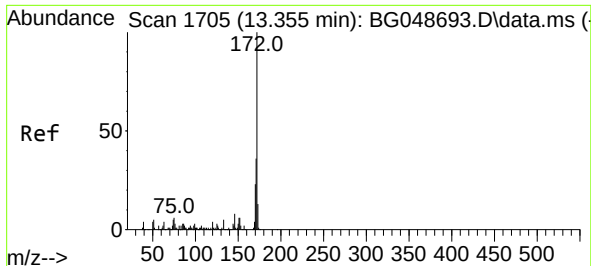
Tgt Ion:237 Resp: 70
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 13.61 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:330 Resp: 12717
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 47.4 35.6 53.4

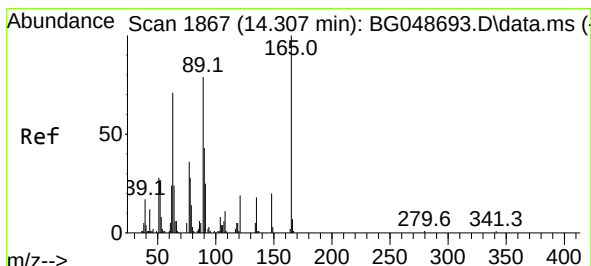
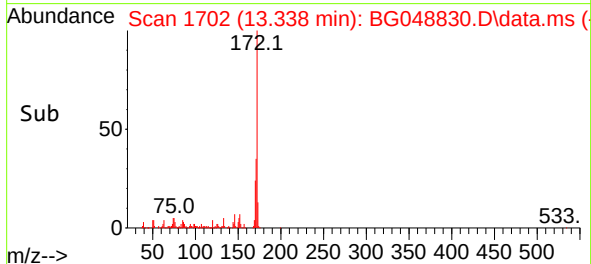
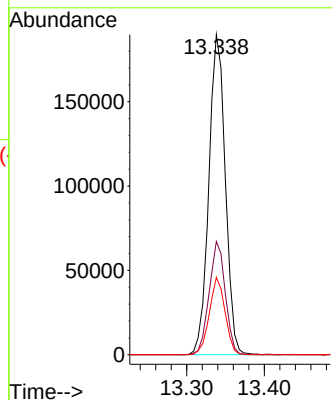
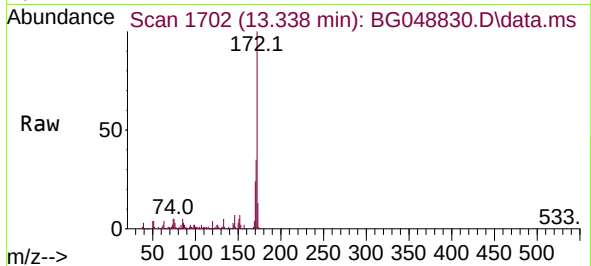




#45
2-Fluorobiphenyl
Concen: 58.02 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

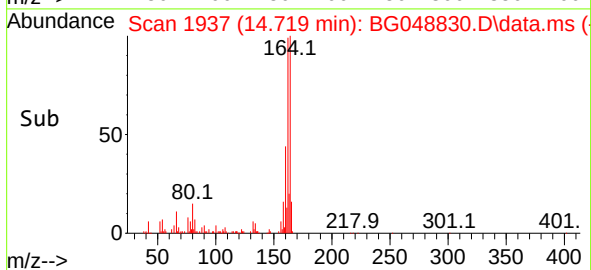
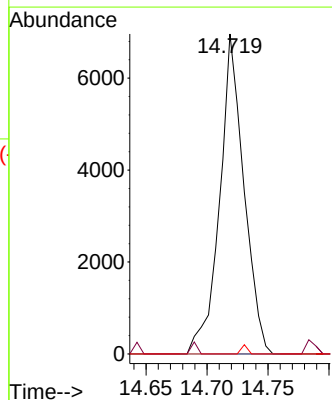
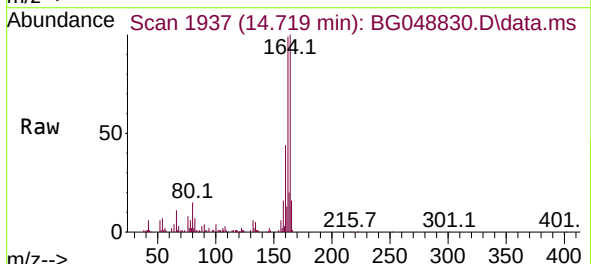
Instrument :
BNA_G
ClientSampleId :
SB-4A

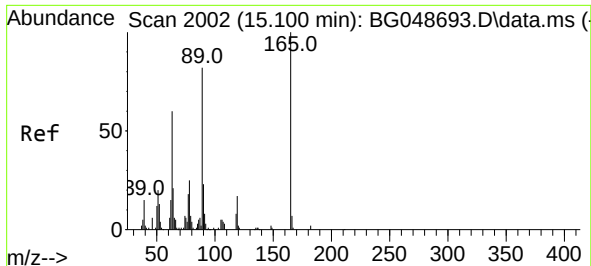
Tgt Ion:172 Resp: 279986
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:165 Resp: 9632
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

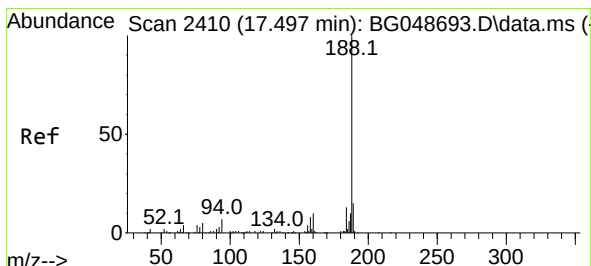
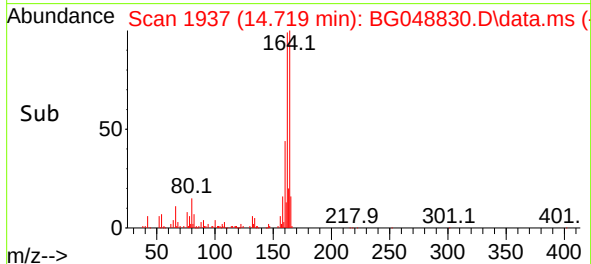
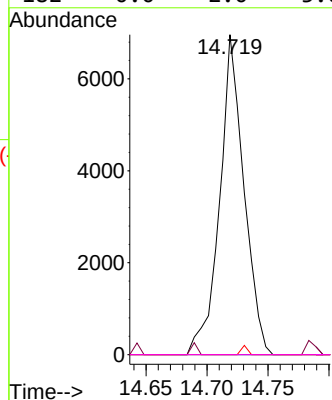
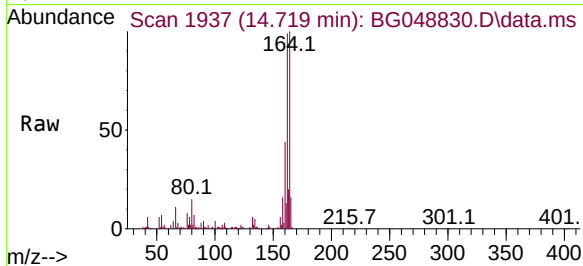




#57
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.364 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

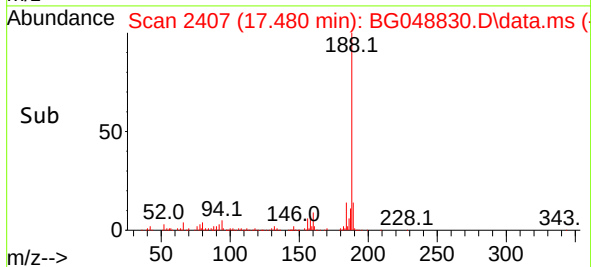
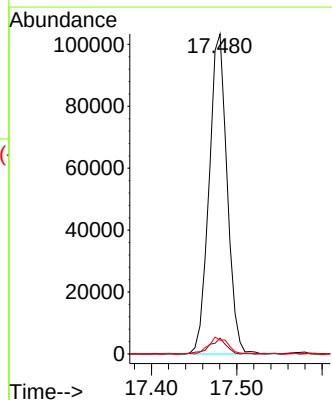
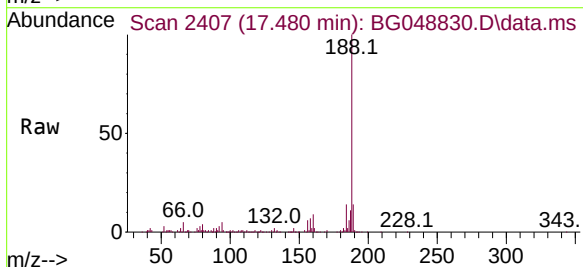
Instrument :
BNA_G
ClientSampled :
SB-4A

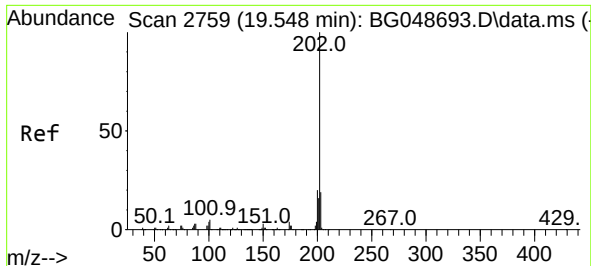
Tgt Ion:165 Resp: 9632
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:188 Resp: 151950
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 4.3 3.7 5.5

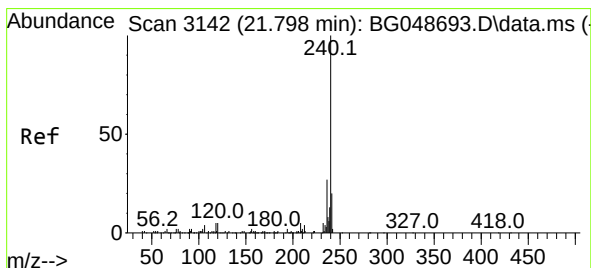
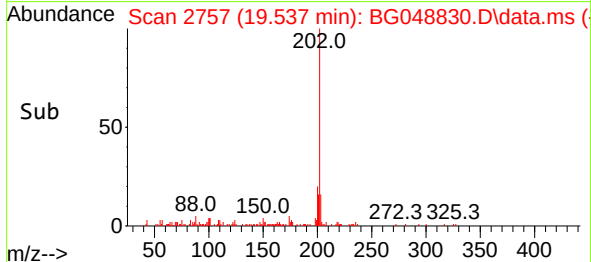
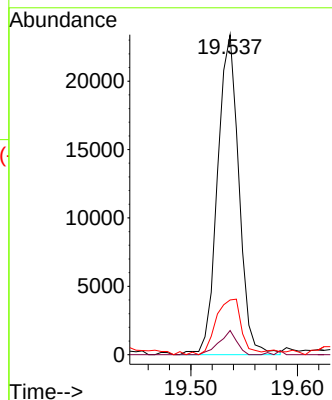
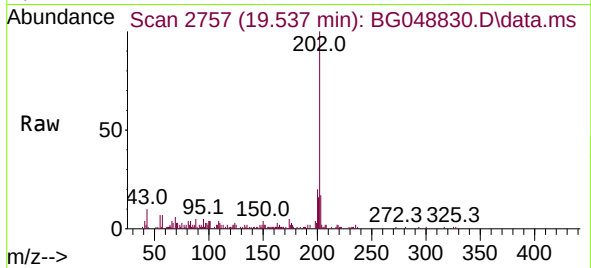




#75
Fluoranthene
Concen: 3.26 ng
RT: 19.537 min Scan# 2757
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

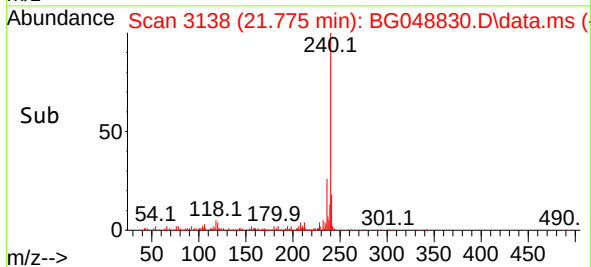
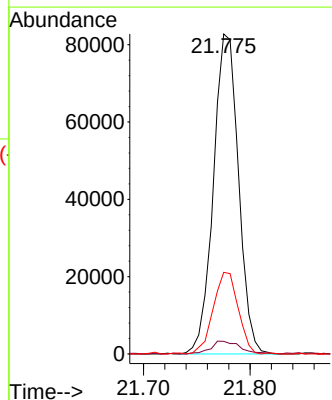
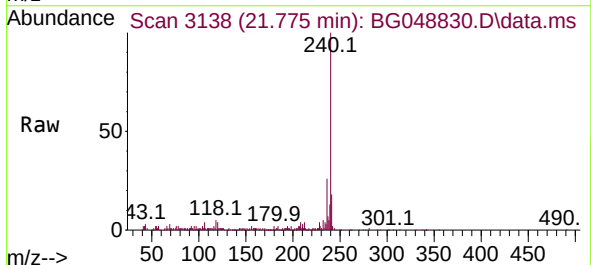
Instrument :
BNA_G
ClientSampleId :
SB-4A

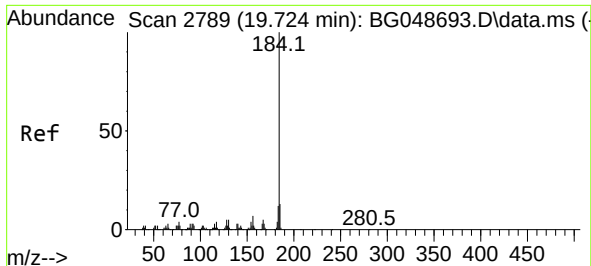
Tgt Ion:202 Resp: 32536
Ion Ratio Lower Upper
202 100
101 7.6 0.0 24.7
203 17.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:240 Resp: 135251
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.2#
236 25.5 21.8 32.6

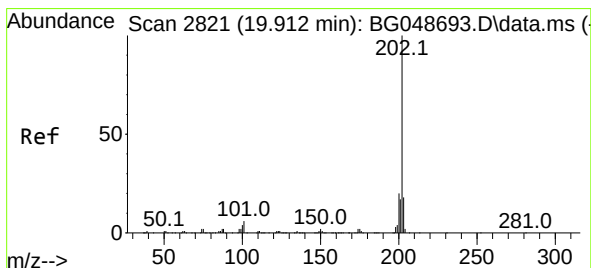
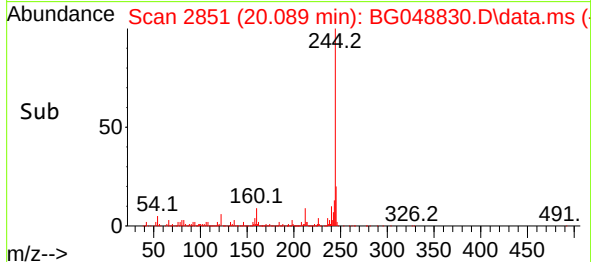
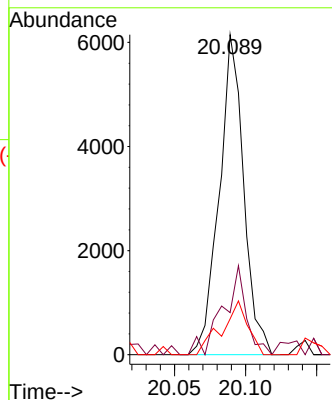
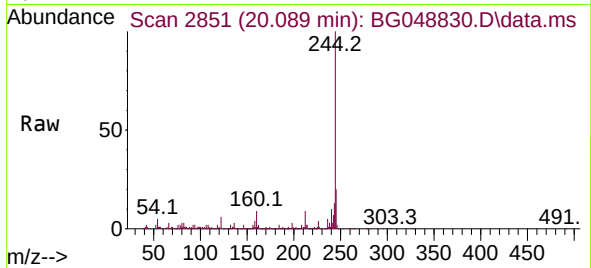




#77
Benzidine
Concen: 2.00 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.377 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

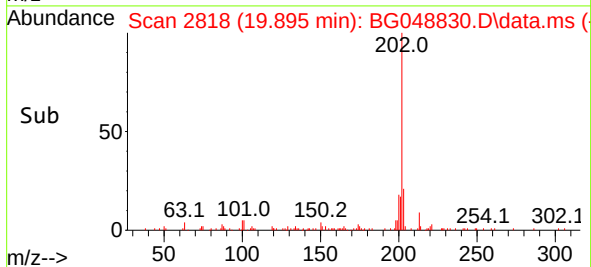
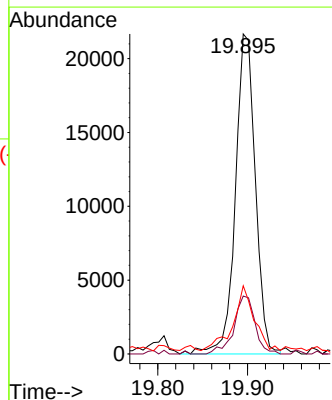
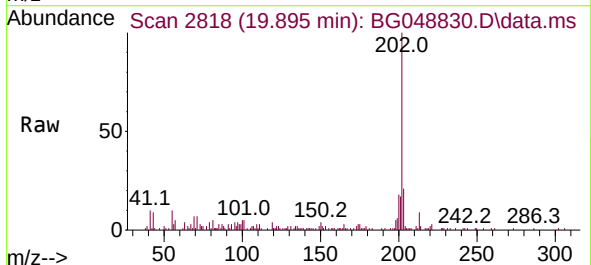
Instrument :
BNA_G
ClientSampled :
SB-4A

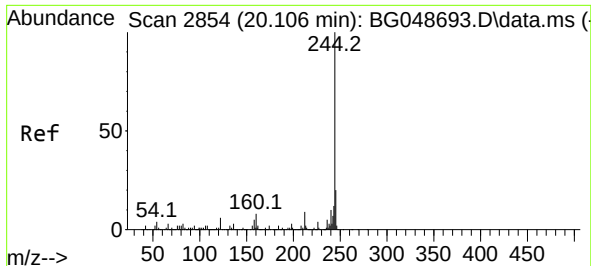
Tgt Ion:184 Resp: 7357
Ion Ratio Lower Upper
184 100
185 13.1 10.7 16.1
183 11.2 9.4 14.0



#78
Pyrene
Concen: 3.58 ng
RT: 19.895 min Scan# 2818
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:202 Resp: 33506
Ion Ratio Lower Upper
202 100
200 18.1 15.8 23.8
203 21.3 14.6 21.8

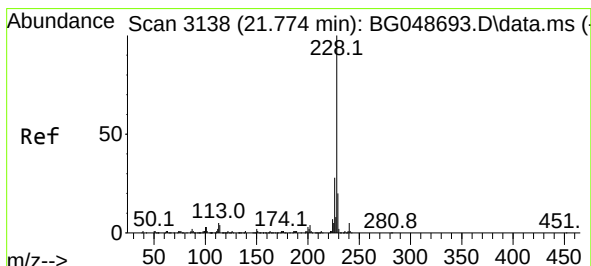
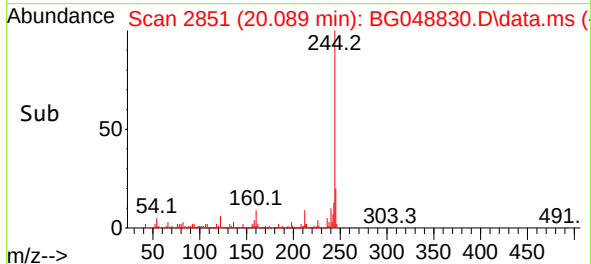
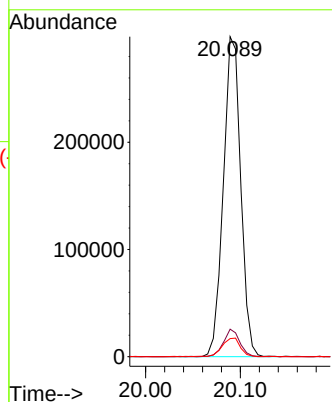
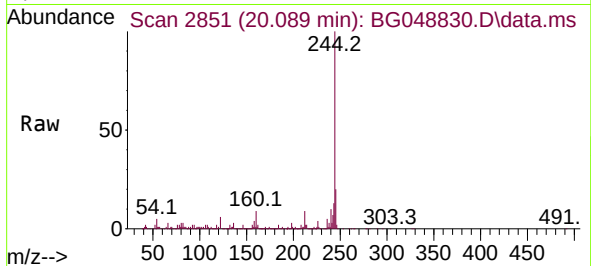




#79
Terphenyl-d14
Concen: 48.44 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

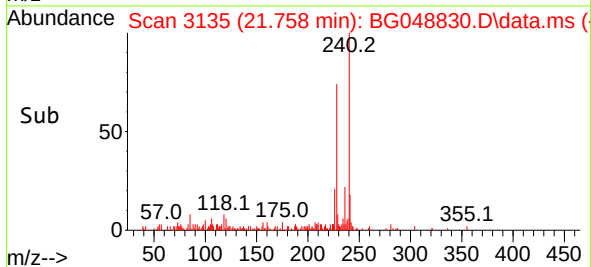
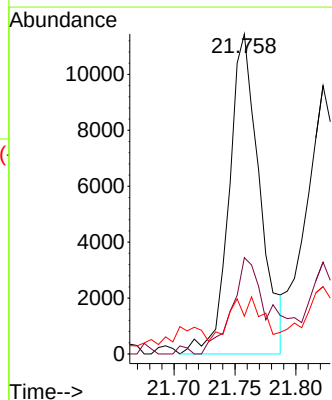
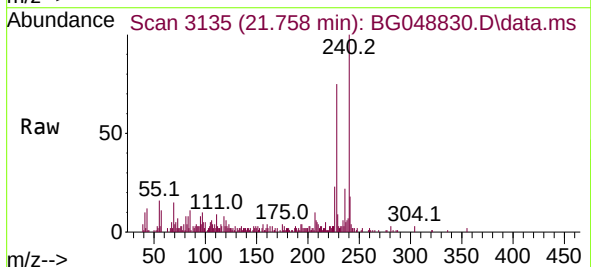
Instrument :
BNA_G
ClientSampled :
SB-4A

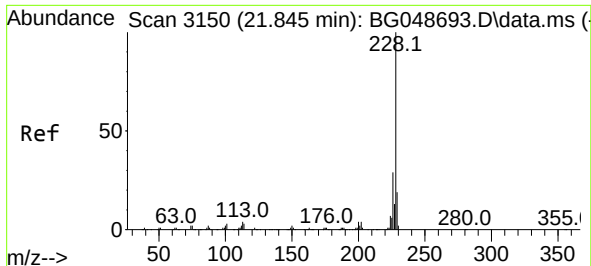
Tgt Ion:244 Resp: 380675
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 5.6 5.0 7.6



#81
Benzo(a)anthracene
Concen: 2.16 ng
RT: 21.758 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:228 Resp: 19992
Ion Ratio Lower Upper
228 100
226 30.1 22.7 34.1
229 11.8 16.0 24.0#

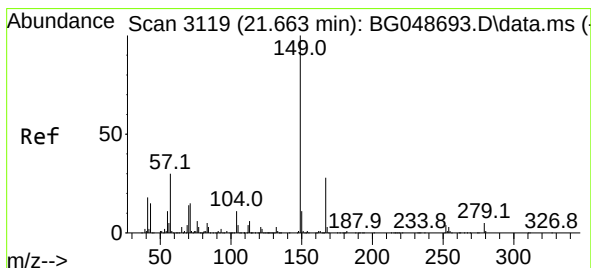
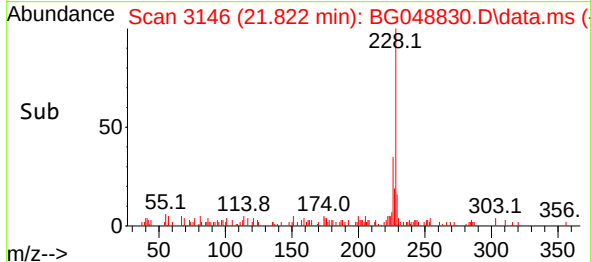
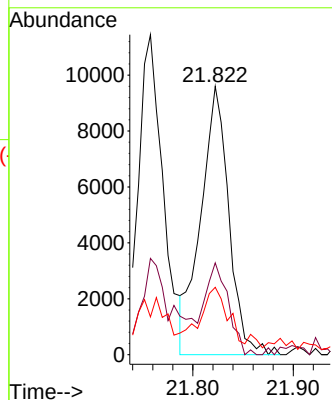
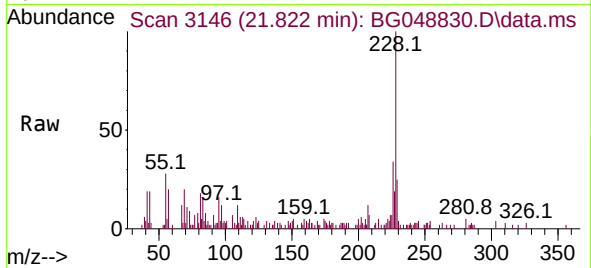




#83
Chrysene
Concen: 2.13 ng
RT: 21.822 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

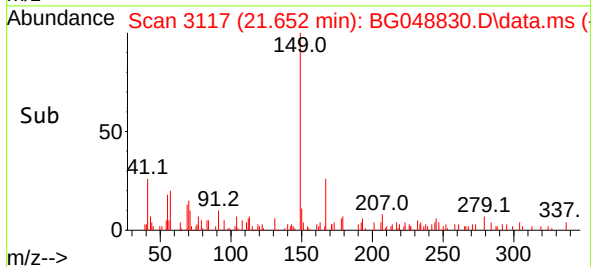
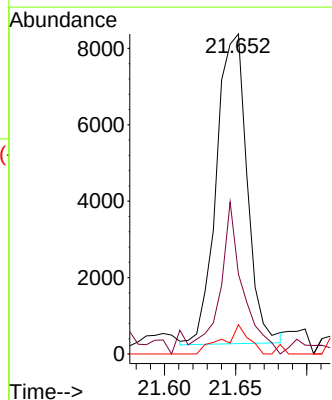
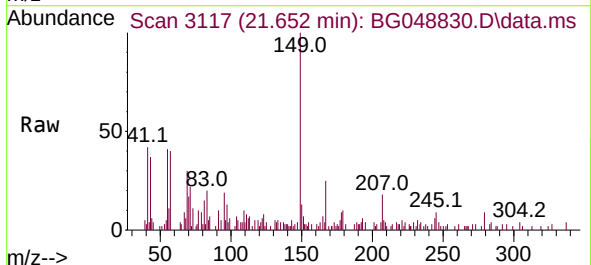
Instrument :
BNA_G
ClientSampled :
SB-4A

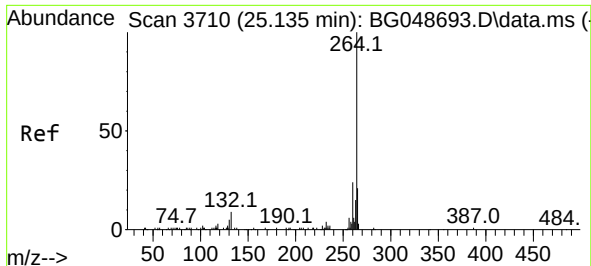
Tgt Ion:228 Resp: 18768
Ion Ratio Lower Upper
228 100
226 34.3 23.1 34.7
229 25.1 15.3 22.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.37 ng
RT: 21.652 min Scan# 3117
Delta R.T. 0.007 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:149 Resp: 12157
Ion Ratio Lower Upper
149 100
167 24.9 22.3 33.5
279 9.1 3.8 5.8#

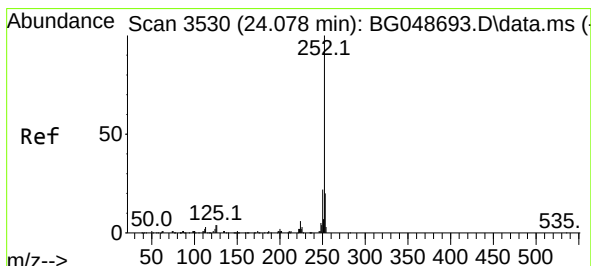
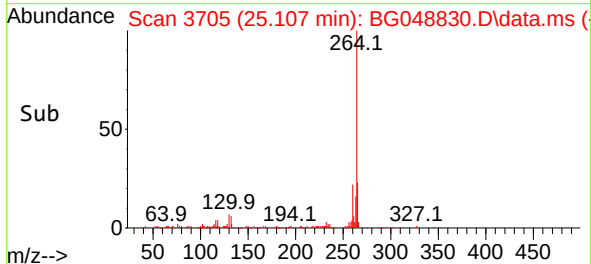
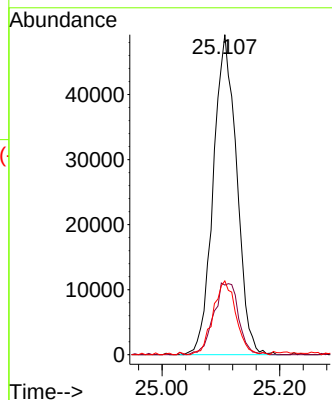
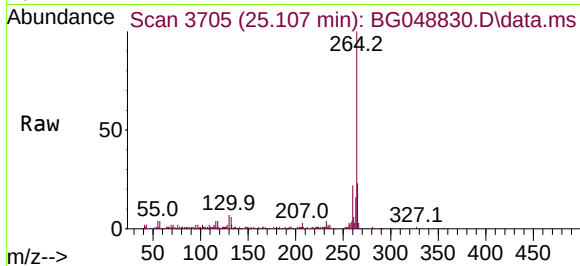




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.107 min Scan# 3705
 Delta R.T. -0.005 min
 Lab File: BG048830.D
 Acq: 21 Apr 2021 22:07

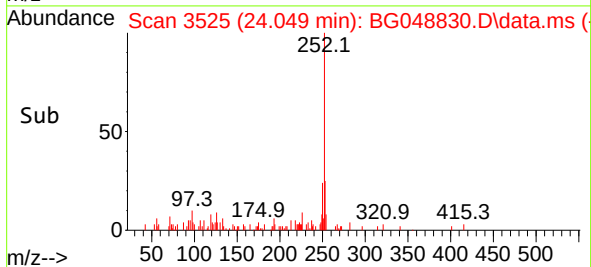
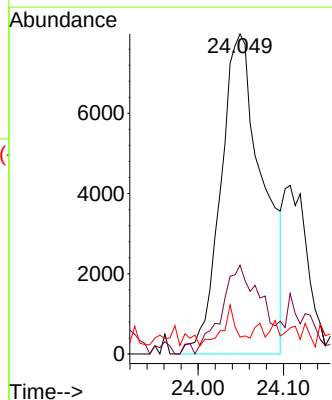
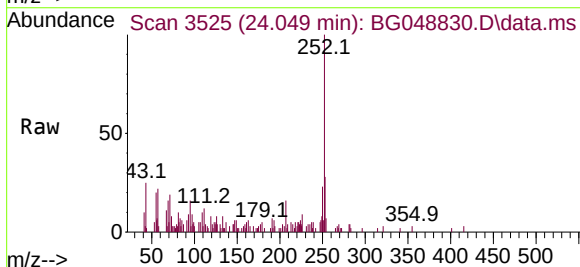
Instrument :
 BNA_G
 ClientSampled :
 SB-4A

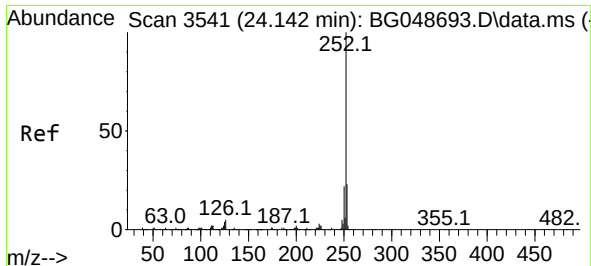
Tgt Ion:264	Resp:	135275
Ion Ratio	Lower	Upper
264	100	
260	21.7	19.4 29.2
265	23.0	16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.96 ng
 RT: 24.049 min Scan# 3525
 Delta R.T. 0.001 min
 Lab File: BG048830.D
 Acq: 21 Apr 2021 22:07

Tgt Ion:252	Resp:	27202
Ion Ratio	Lower	Upper
252	100	
253	27.8	16.2 24.4#
125	5.3	3.0 4.4#

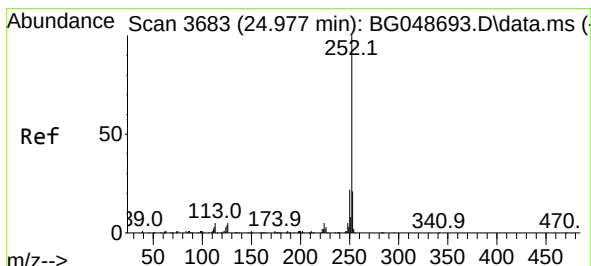
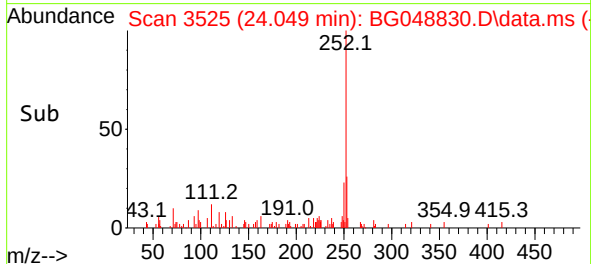
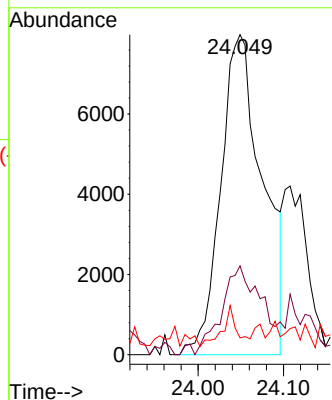
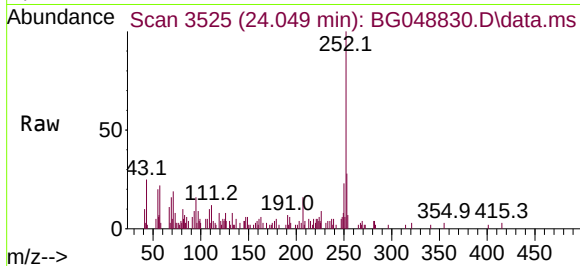




#89
Benzo(k)fluoranthene
Concen: 3.15 ng
RT: 24.049 min Scan# 3525
Delta R.T. -0.070 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Instrument :
BNA_G
ClientSampled :
SB-4A

Tgt Ion:252 Resp: 27202
Ion Ratio Lower Upper
252 100
253 27.8 18.0 27.0#
125 5.3 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 2.43 ng
RT: 24.948 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:252 Resp: 20540
Ion Ratio Lower Upper
252 100
253 37.5 16.6 25.0#
125 7.4 3.5 5.3#

