

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048612.D
 Acq On : 6 Apr 2021 20:27
 Operator : CG/JU
 Sample : M1933-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENNETT_BH_05_1-1.5

Quant Time: Apr 07 00:38:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

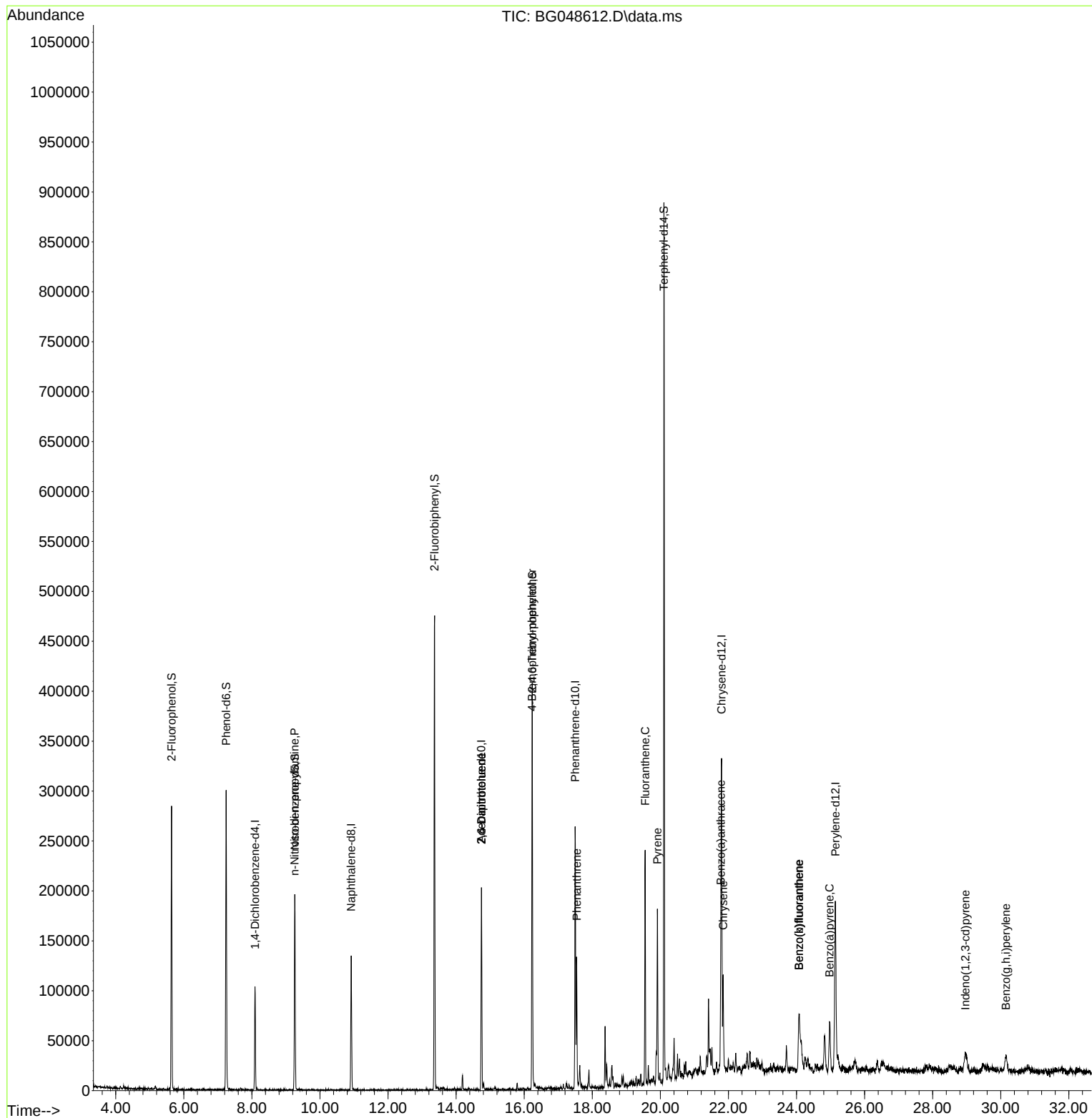
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	27094	20.00	ng	0.00
21) Naphthalene-d8	10.916	136	109757	20.00	ng	# 0.00
39) Acenaphthene-d10	14.741	164	73162	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	170490	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	181085	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	180253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	114436	74.57	ng	0.00
7) Phenol-d6	7.244	99	151695	68.16	ng	0.00
23) Nitrobenzene-d5	9.259	82	110933	48.93	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	70307	73.10	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	240291	48.82	ng	0.00
79) Terphenyl-d14	20.105	244	407275	41.13	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.253	70	17415	11.35	ng	# 69
51) 2,6-Dinitrotoluene	14.747	165	9381	7.55	ng	# 19
57) 2,4-Dinitrotoluene	14.747	165	9381	5.34	ng	# 24
67) 4-Bromophenyl-phenylether	16.228	248	5106	2.70	ng	# 1
71) Phenanthrene	17.544	178	81593	9.22	ng	99
75) Fluoranthene	19.553	202	146450	13.35	ng	98
78) Pyrene	19.912	202	118364	9.51	ng	97
81) Benzo(a)anthracene	21.774	228	67155	5.55	ng	95
83) Chrysene	21.845	228	66642	5.77	ng	94
87) Indeno(1,2,3-cd)pyrene	28.966	276	37320	2.95	ng	# 78
88) Benzo(b)fluoranthene	24.071	252	81783	6.99	ng	93
89) Benzo(k)fluoranthene	24.071	252	81783	7.27	ng	93
90) Benzo(a)pyrene	24.970	252	57010	5.28	ng	# 98
92) Benzo(g,h,i)perylene	30.153	276	34014	3.22	ng	# 93

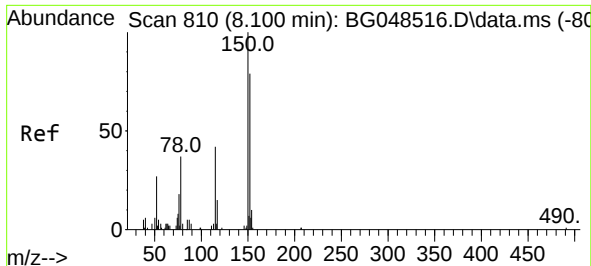
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048612.D
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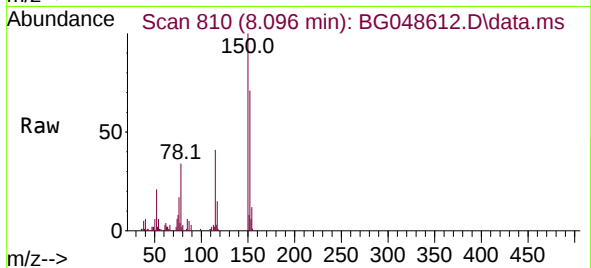
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration



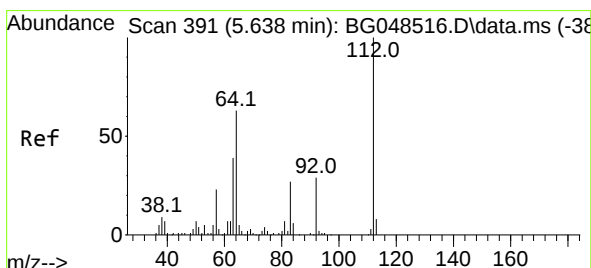
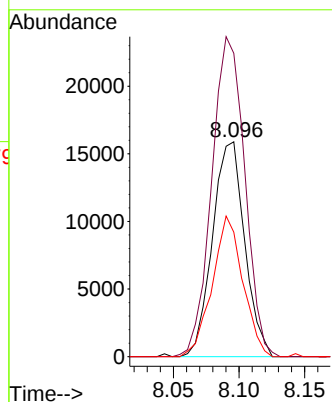
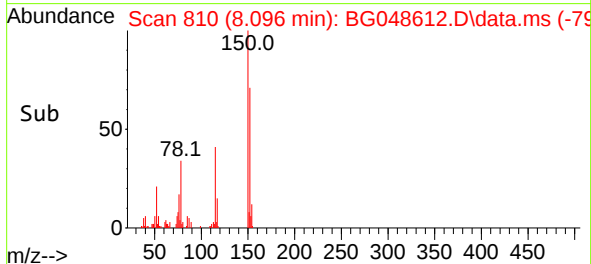


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.096 min Scan# 810
Delta R.T. 0.002 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

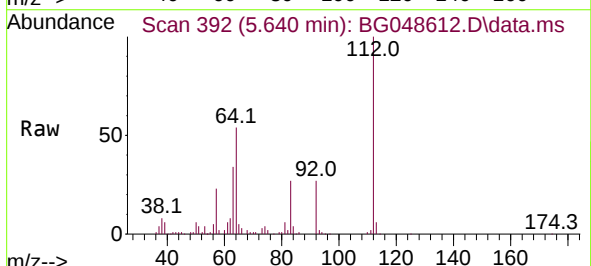
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5



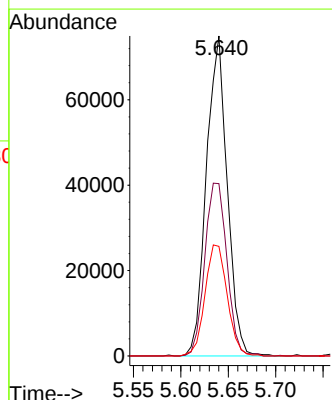
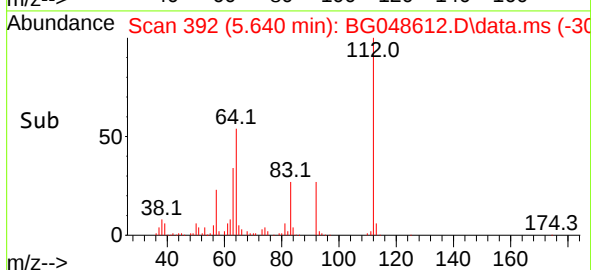
Tgt Ion:152 Resp: 27094
Ion Ratio Lower Upper
152 100
150 141.2 101.3 151.9
115 58.0 42.3 63.5

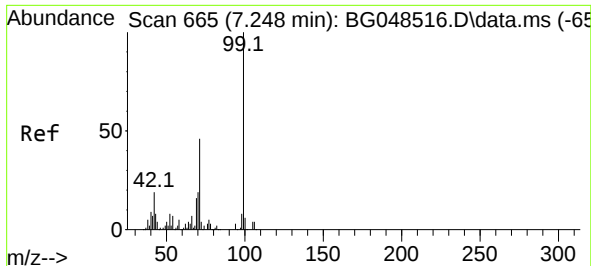


#5
2-Fluorophenol
Concen: 74.57 ng
RT: 5.640 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27



Tgt Ion:112 Resp: 114436
Ion Ratio Lower Upper
112 100
64 53.9 50.4 75.6
63 34.2 31.4 47.2

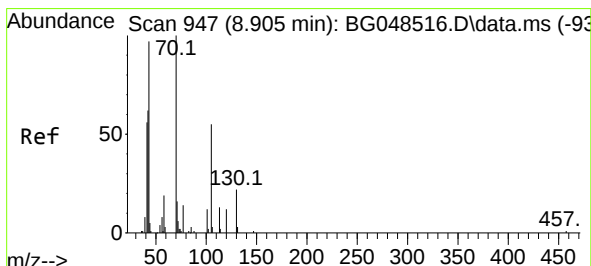
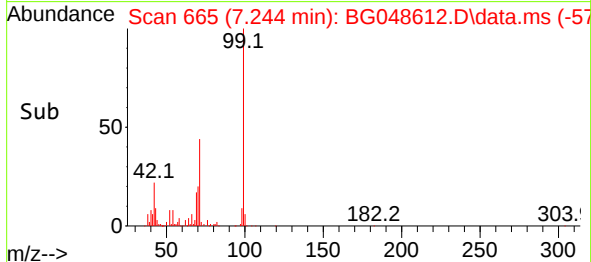
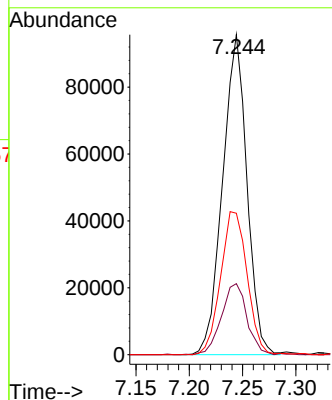
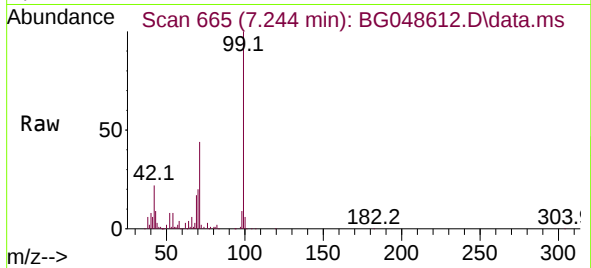




#7
Phenol-d6
Concen: 68.16 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

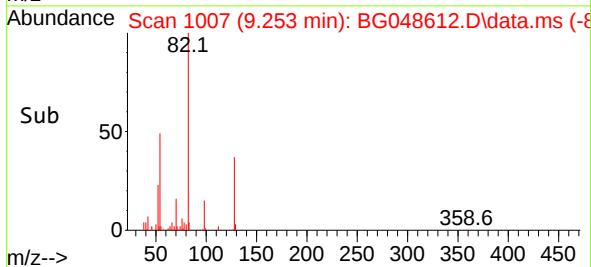
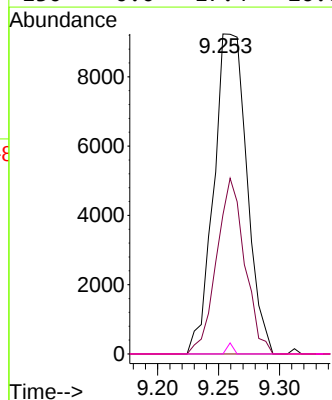
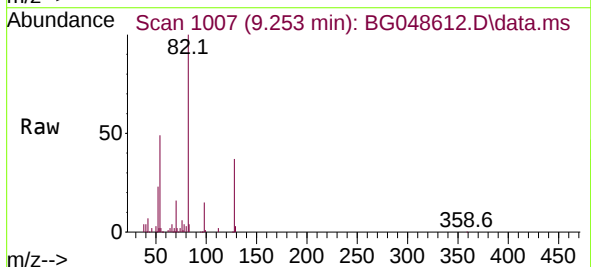
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

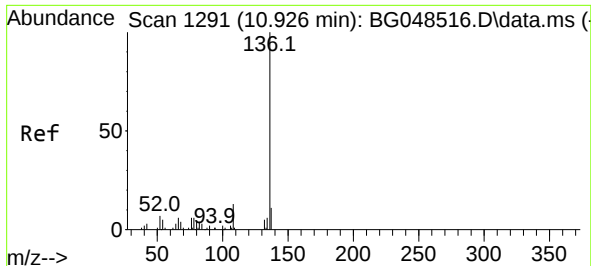
Tgt Ion: 99 Resp: 151695
Ion Ratio Lower Upper
99 100
42 22.2 15.5 23.3
71 44.2 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.35 ng
RT: 9.253 min Scan# 1007
Delta R.T. 0.349 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion: 70 Resp: 17415
Ion Ratio Lower Upper
70 100
42 43.4 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

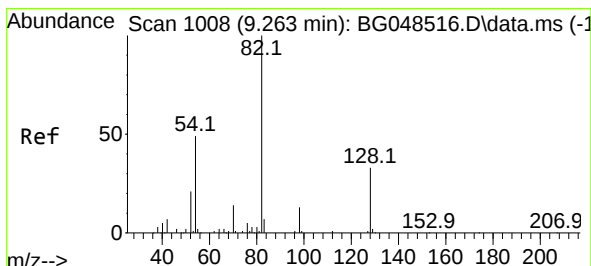
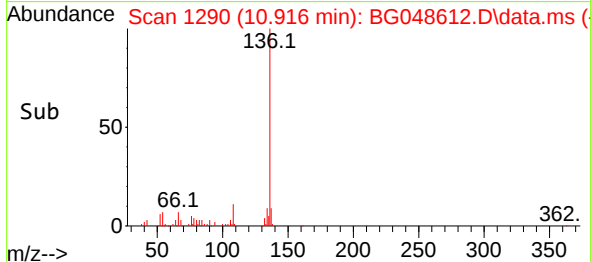
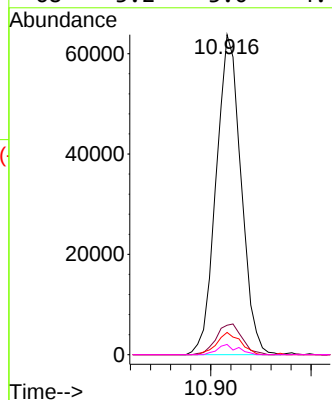
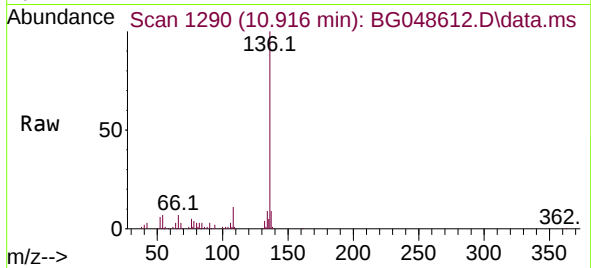




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

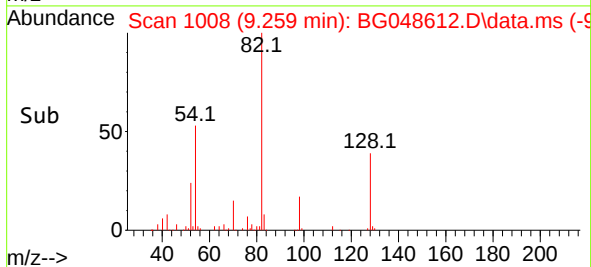
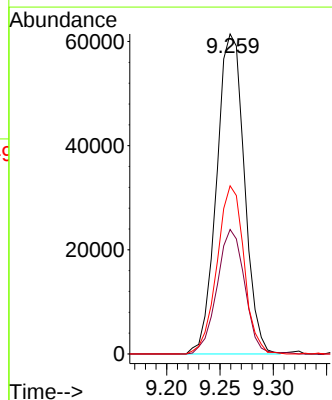
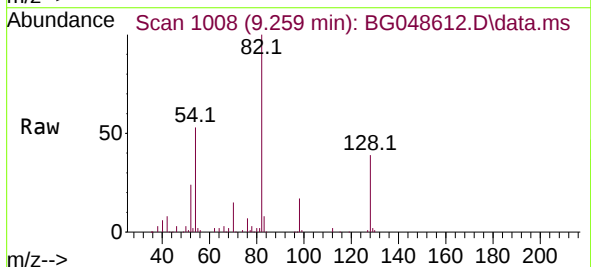
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

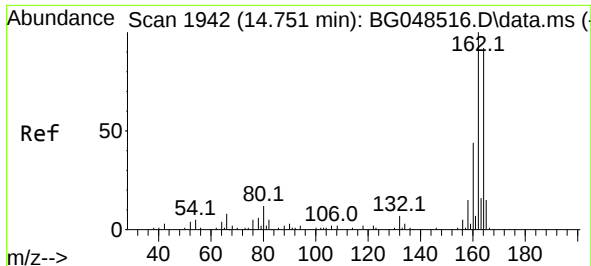
Tgt Ion:	136	Resp:	109757
Ion Ratio	Lower	Upper	
136	100		
137	9.2	8.6	12.8
54	6.9	4.2	6.4#
68	3.2	3.0	4.4



#23
Nitrobenzene-d5
Concen: 48.93 ng
RT: 9.259 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:	82	Resp:	110933
Ion Ratio	Lower	Upper	
82	100		
128	38.9	26.2	39.4
54	52.6	38.9	58.3

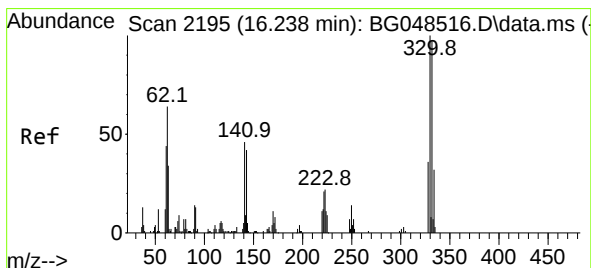
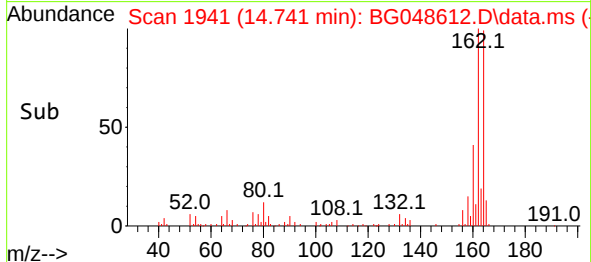
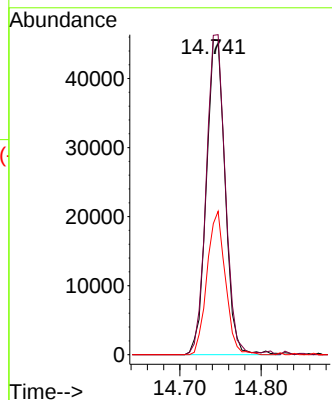
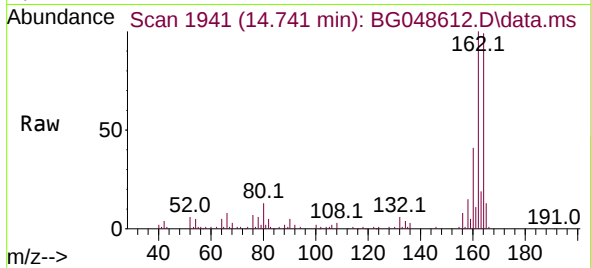




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

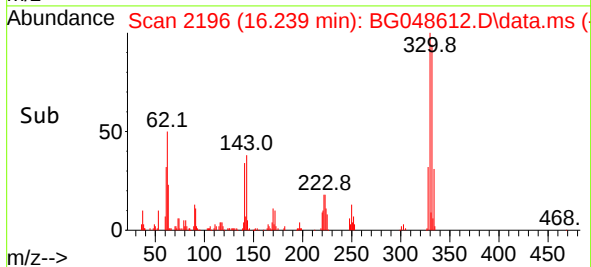
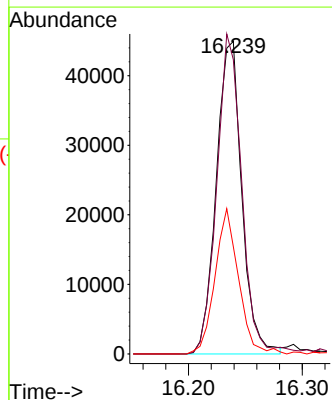
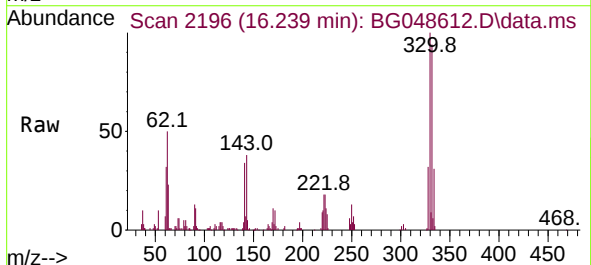
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

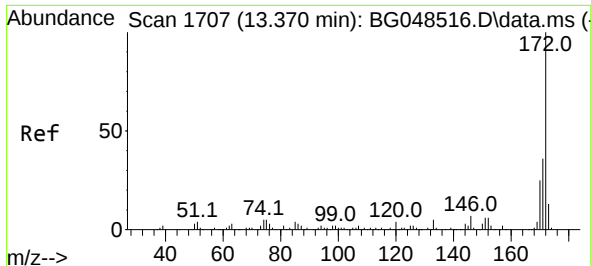
Tgt Ion:164 Resp: 73162
Ion Ratio Lower Upper
164 100
162 101.4 87.0 130.6
160 41.6 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 73.10 ng
RT: 16.239 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:330 Resp: 70307
Ion Ratio Lower Upper
330 100
332 99.8 77.6 116.4
141 42.8 34.6 52.0

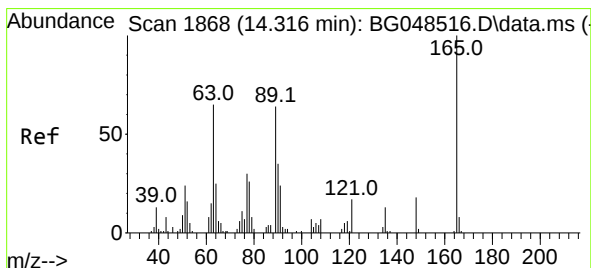
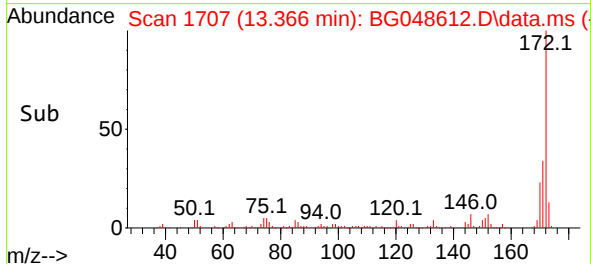
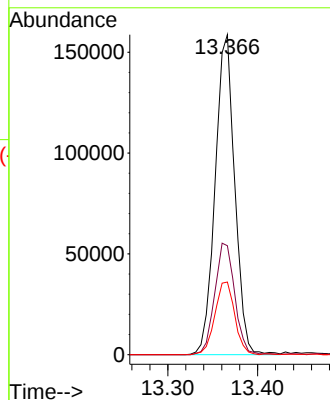
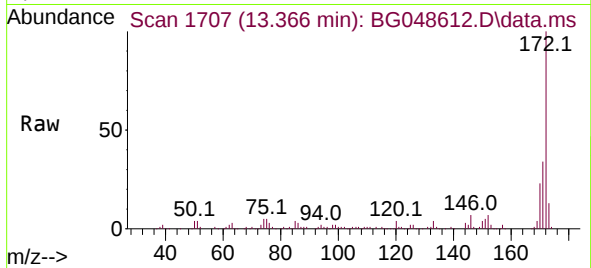




#45
2-Fluorobiphenyl
Concen: 48.82 ng
RT: 13.366 min Scan# 1707
Delta R.T. -0.004 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

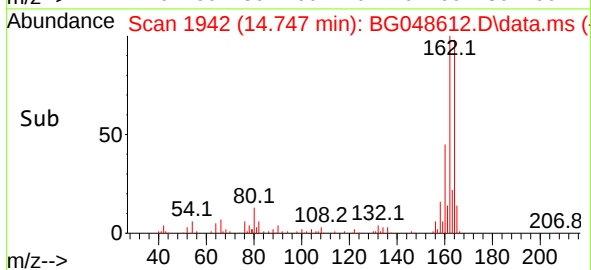
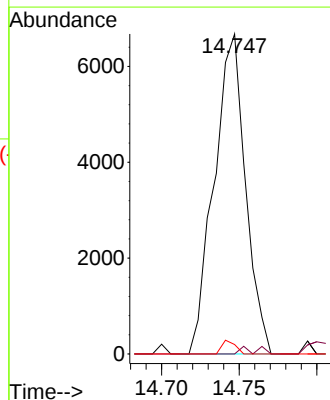
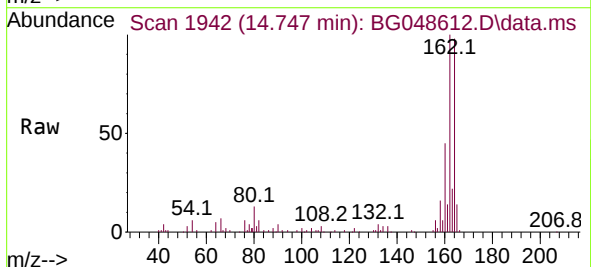
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

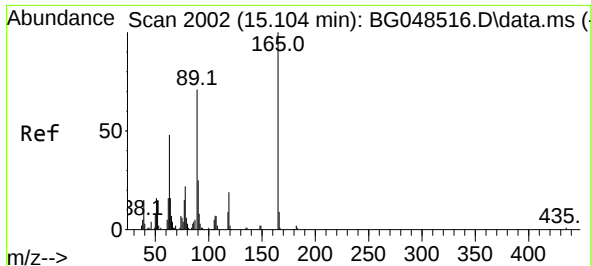
Tgt Ion:172	Resp:	240291	
Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	22.7	19.8	29.6



#51
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

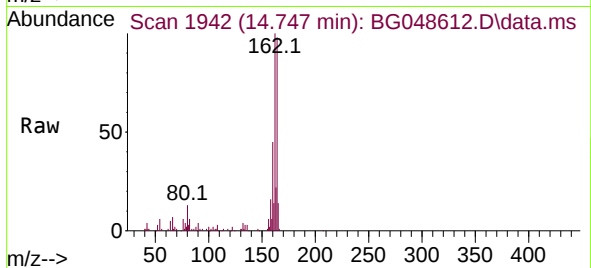
Tgt Ion:165	Resp:	9381	
Ion Ratio	Lower	Upper	
165 100			
63 0.0	53.8	80.6#	
89 3.0	50.8	76.2#	



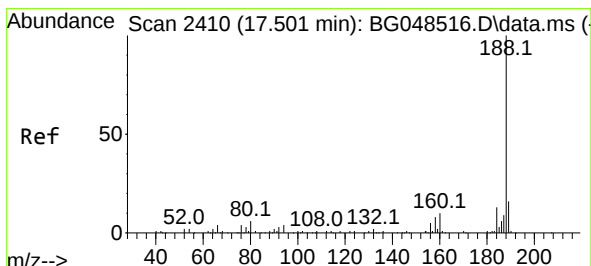
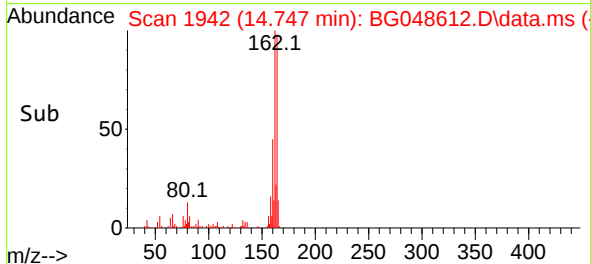
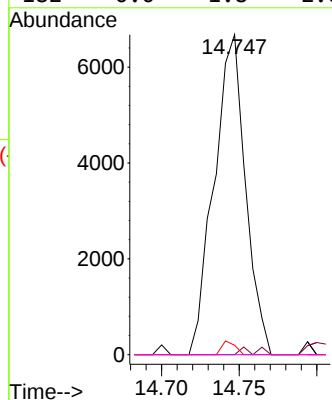


#57
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

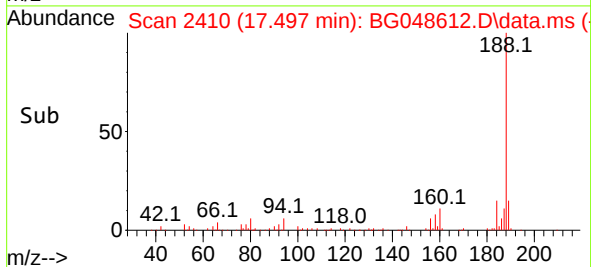
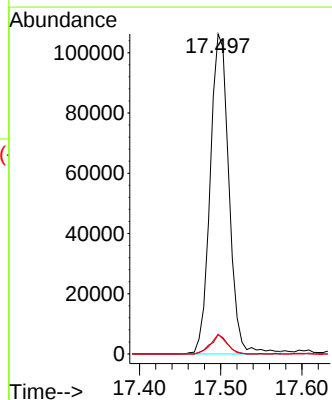
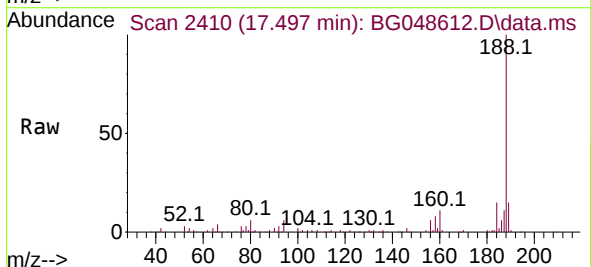


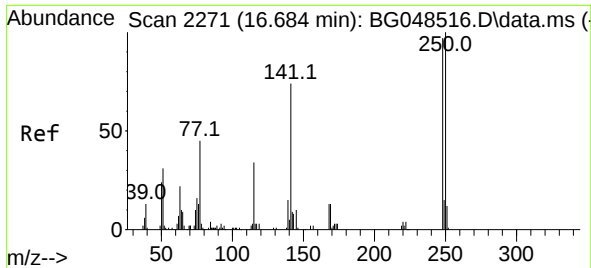
Tgt Ion:165 Resp: 9381
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 3.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:188 Resp: 170490
Ion Ratio Lower Upper
188 100
94 6.0 3.0 4.6#
80 6.2 4.5 6.7

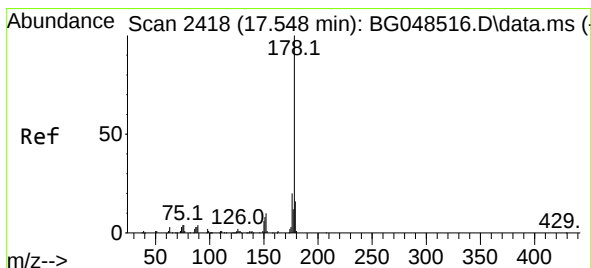
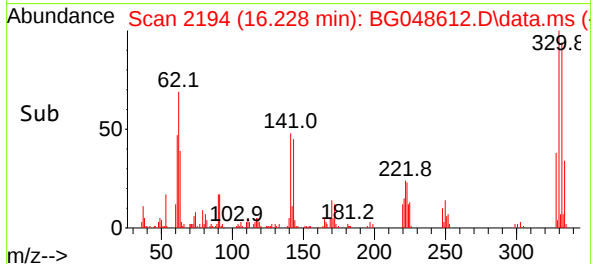
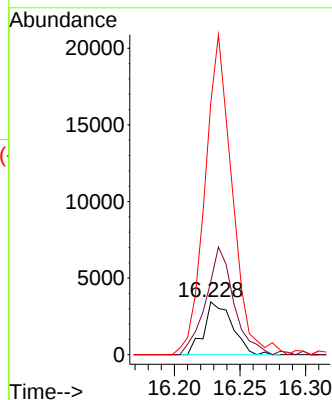
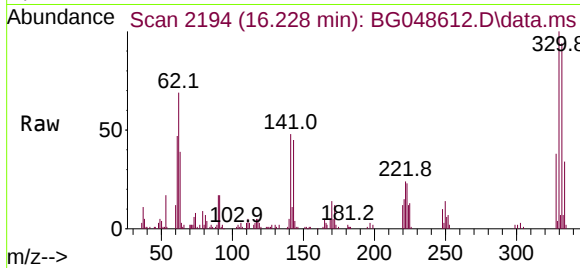




#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.462 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

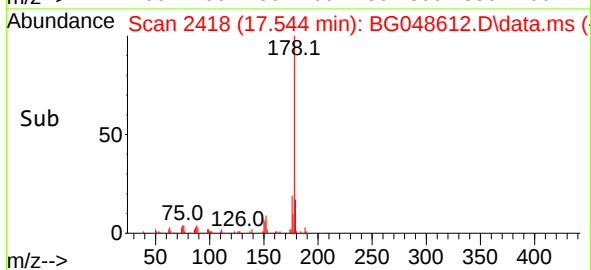
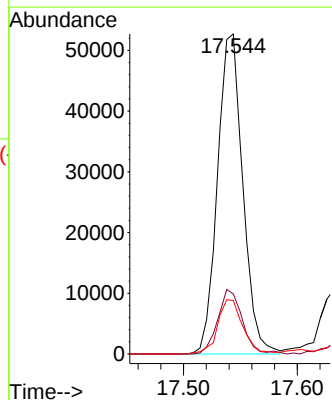
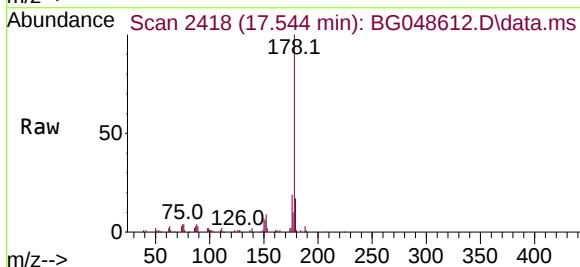
Instrument :
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BENNETT_BH_05_1-1.5

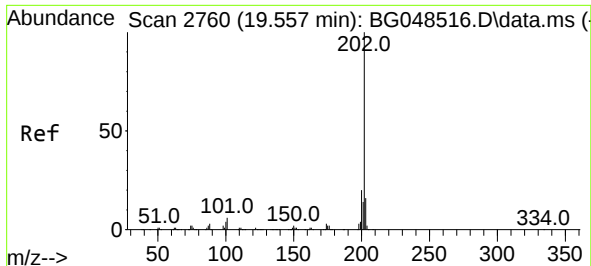
Tgt Ion:248 Resp: 5106
Ion Ratio Lower Upper
248 100
250 138.1 82.6 124.0#
141 476.2 61.0 91.6#



#71
Phenanthrene
Concen: 9.22 ng
RT: 17.544 min Scan# 2418
Delta R.T. -0.004 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:178 Resp: 81593
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 16.7 12.9 19.3

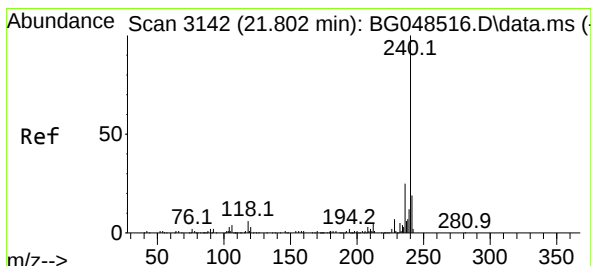
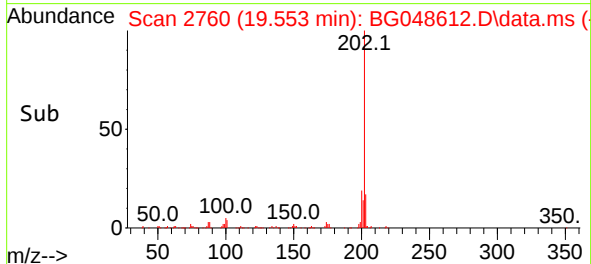
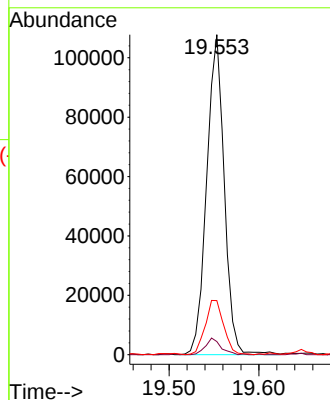
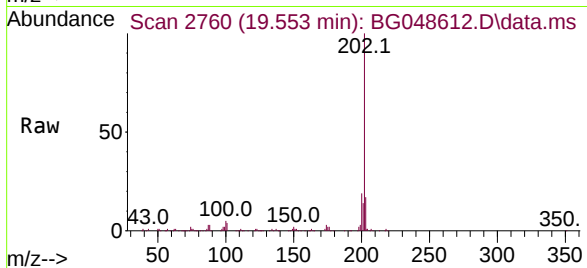




#75
Fluoranthene
Concen: 13.35 ng
RT: 19.553 min Scan# 2760
Delta R.T. -0.004 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

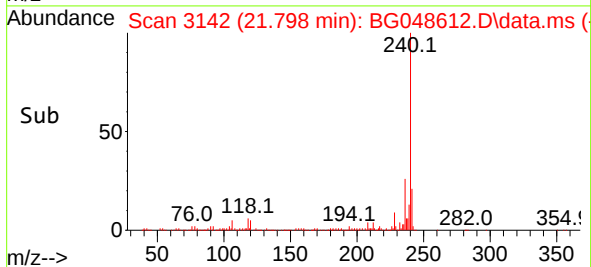
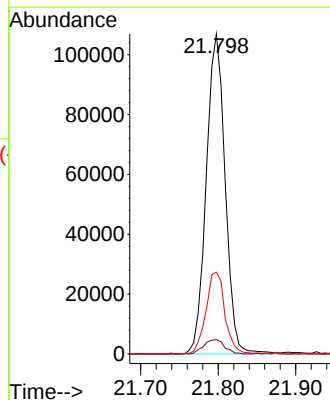
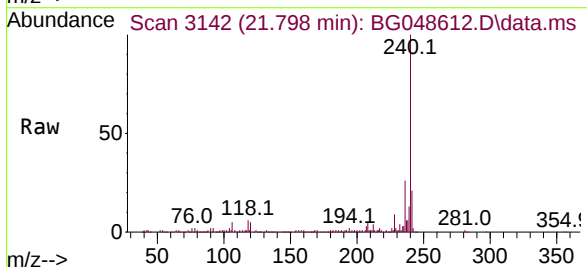
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

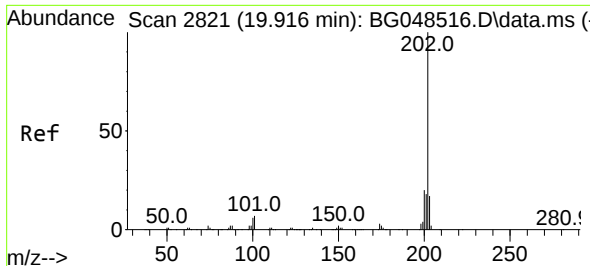
Tgt Ion:202 Resp: 146450
Ion Ratio Lower Upper
202 100
101 4.1 0.0 25.8
203 16.9 0.0 36.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:240 Resp: 181085
Ion Ratio Lower Upper
240 100
120 4.5 2.6 3.8#
236 25.6 19.8 29.6

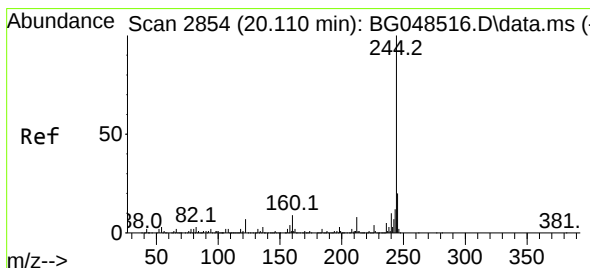
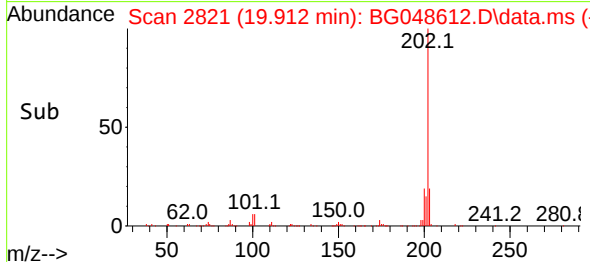
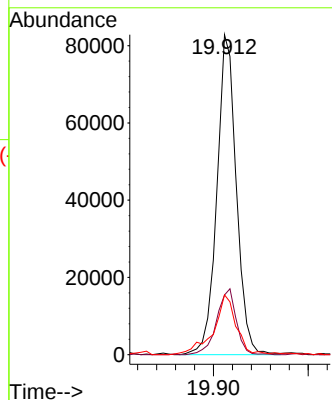
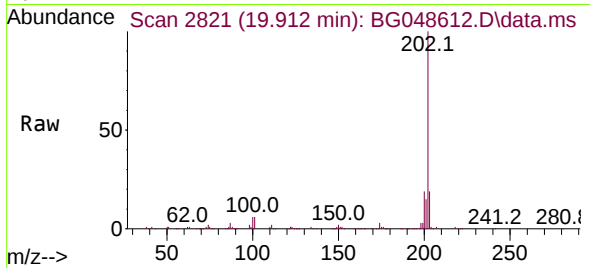




#78
Pyrene
Concen: 9.51 ng
RT: 19.912 min Scan# 2821
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

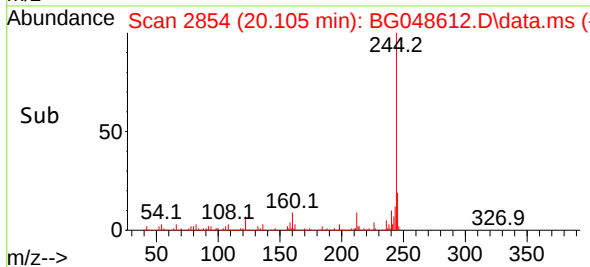
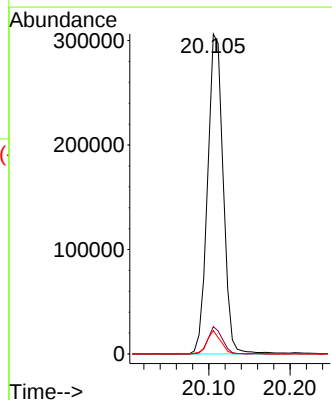
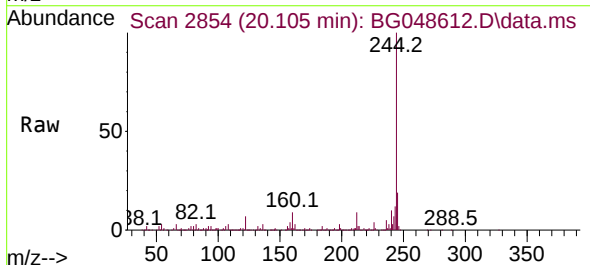
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

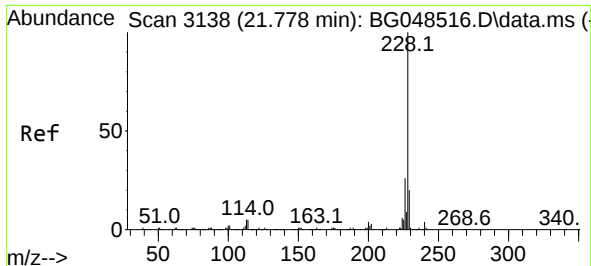
Tgt Ion:202 Resp: 118364
Ion Ratio Lower Upper
202 100
200 18.7 16.1 24.1
203 18.7 13.6 20.4



#79
Terphenyl-d14
Concen: 41.13 ng
RT: 20.105 min Scan# 2854
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:244 Resp: 407275
Ion Ratio Lower Upper
244 100
212 8.6 6.0 9.0
122 7.3 5.8 8.6

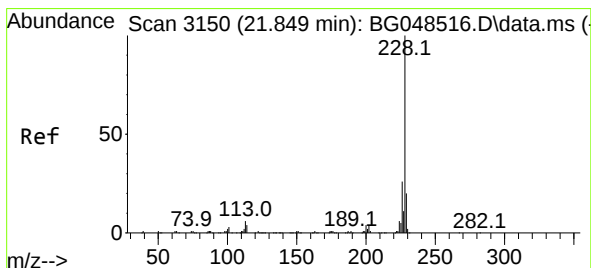
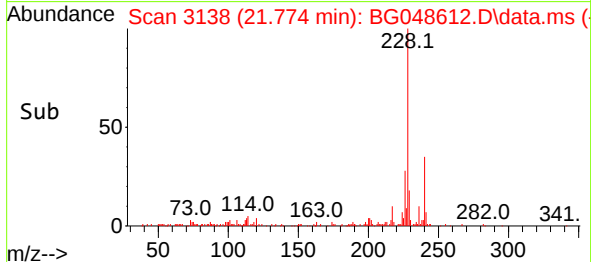
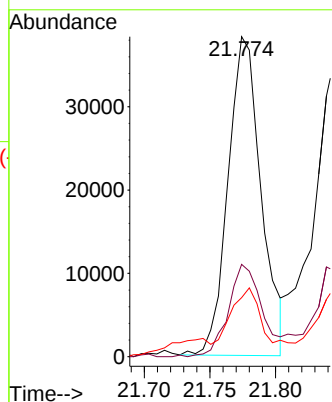
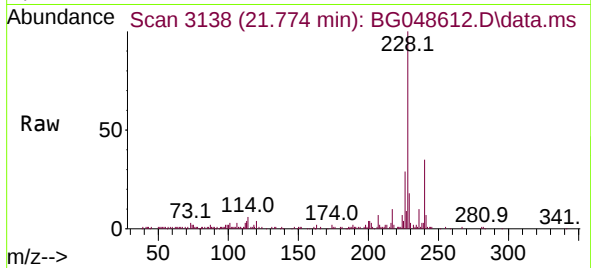




#81
Benzo(a)anthracene
Concen: 5.55 ng
RT: 21.774 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

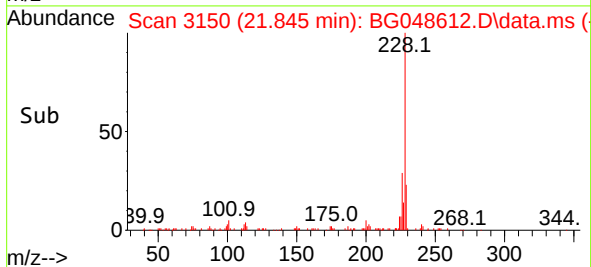
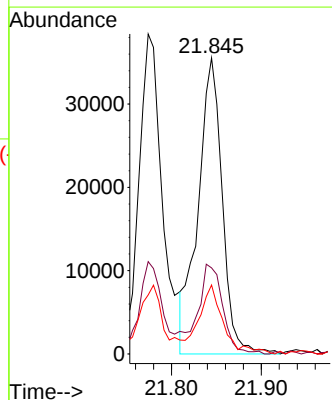
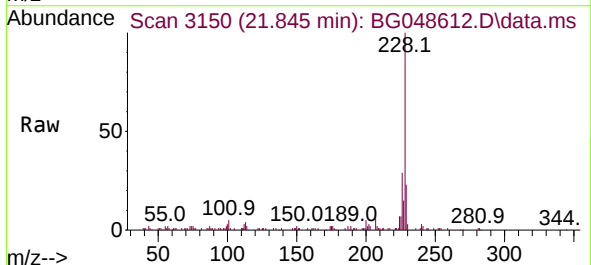
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

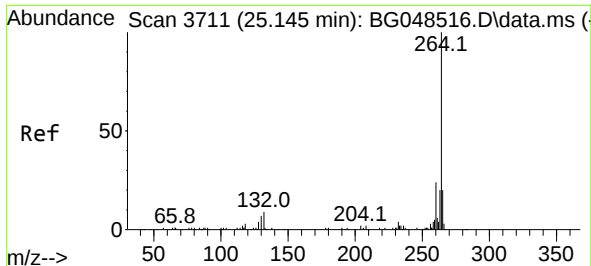
Tgt Ion:228 Resp: 67155
Ion Ratio Lower Upper
228 100
226 28.9 20.6 30.8
229 18.5 15.8 23.8



#83
Chrysene
Concen: 5.77 ng
RT: 21.845 min Scan# 3150
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:228 Resp: 66642
Ion Ratio Lower Upper
228 100
226 29.1 20.6 31.0
229 23.3 16.3 24.5



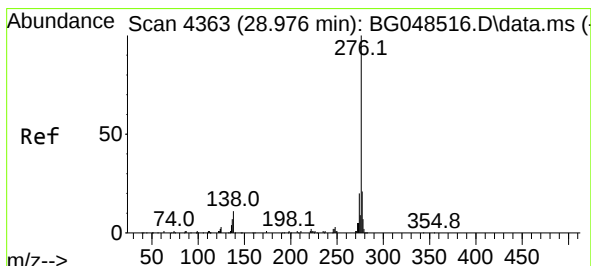
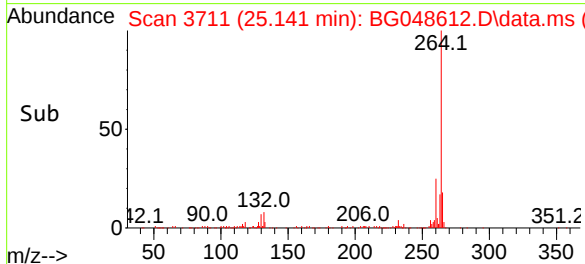
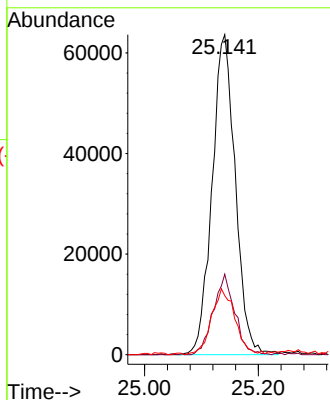
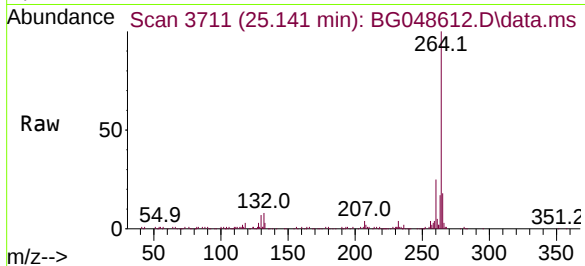


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

Tgt Ion:264 Resp: 180253

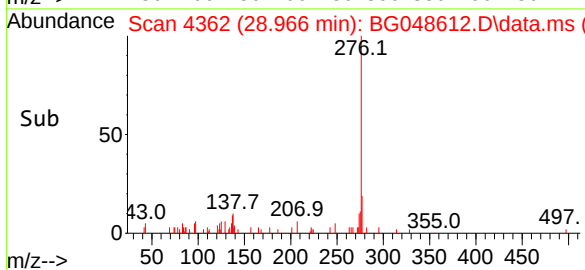
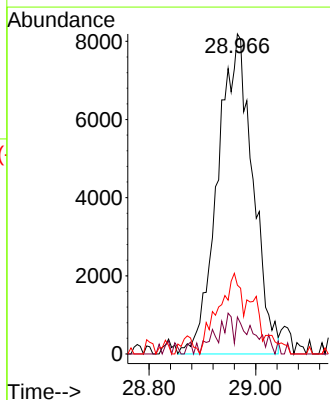
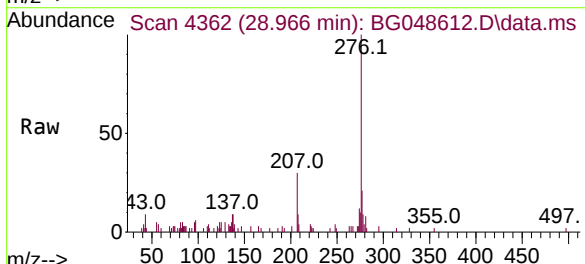
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.1	28.7
265	18.5	16.1	24.1

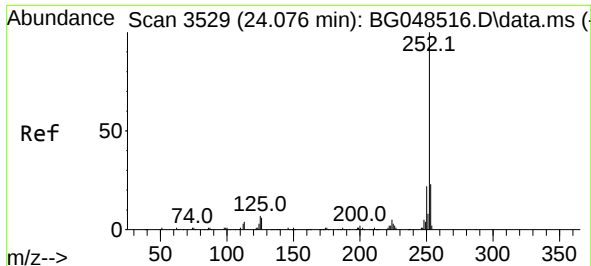


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.95 ng
RT: 28.966 min Scan# 4362
Delta R.T. -0.027 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:276 Resp: 37320

Ion	Ratio	Lower	Upper
276	100		
138	1.6	7.8	11.8#
277	16.5	0.0	0.0#

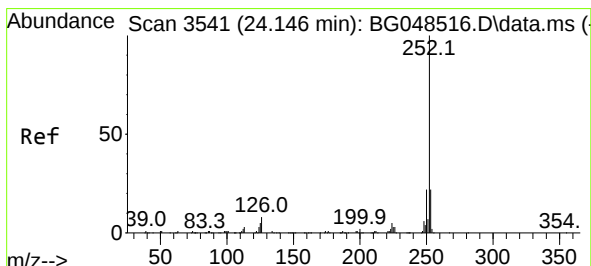
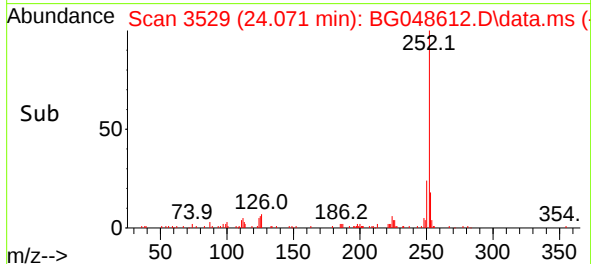
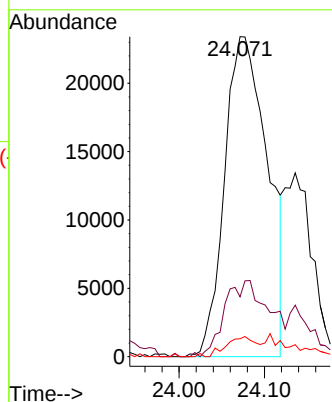
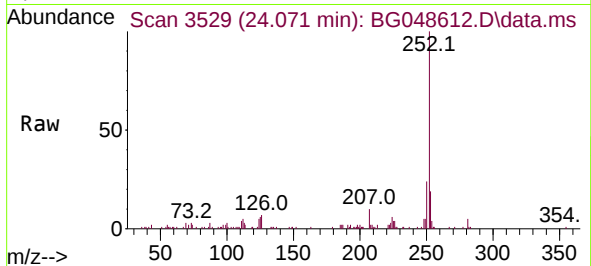




#88
Benzo(b)fluoranthene
Concen: 6.99 ng
RT: 24.071 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

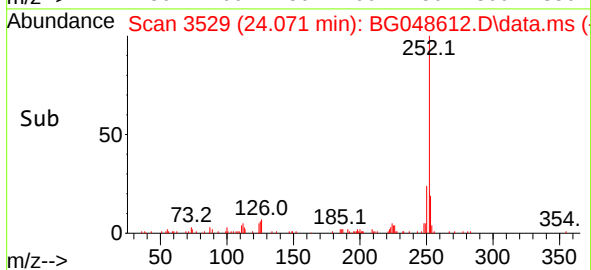
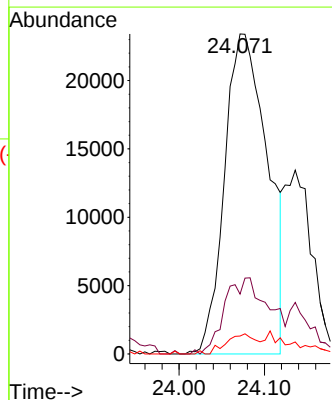
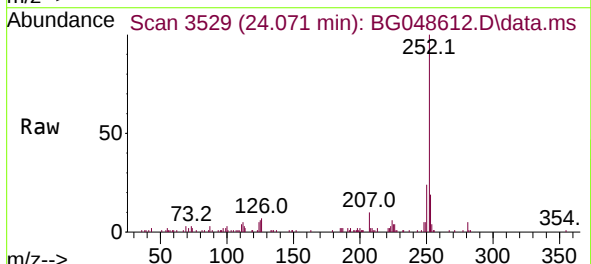
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

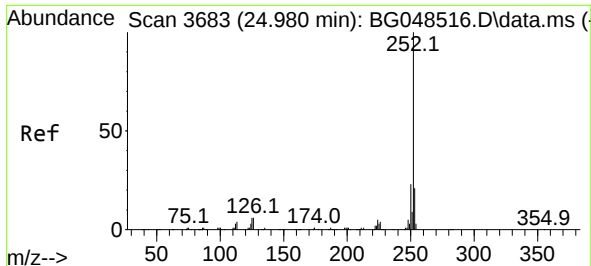
Tgt Ion:252 Resp: 81783
Ion Ratio Lower Upper
252 100
253 18.7 18.2 27.4
125 5.6 5.3 7.9



#89
Benzo(k)fluoranthene
Concen: 7.27 ng
RT: 24.071 min Scan# 3529
Delta R.T. -0.080 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:252 Resp: 81783
Ion Ratio Lower Upper
252 100
253 18.7 17.9 26.9
125 5.6 3.9 5.9

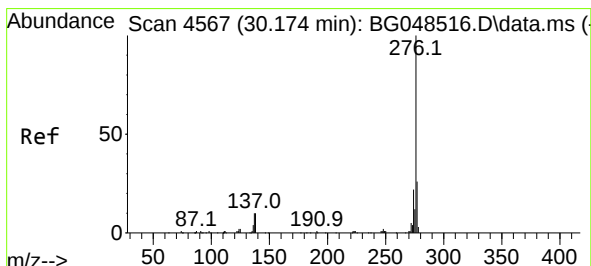
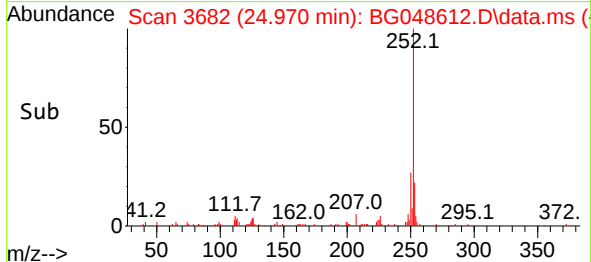
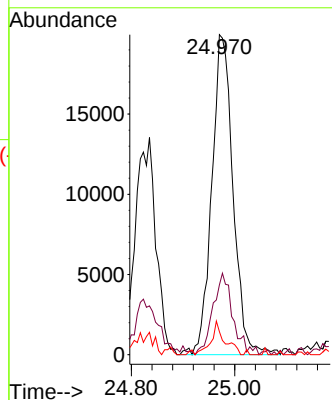
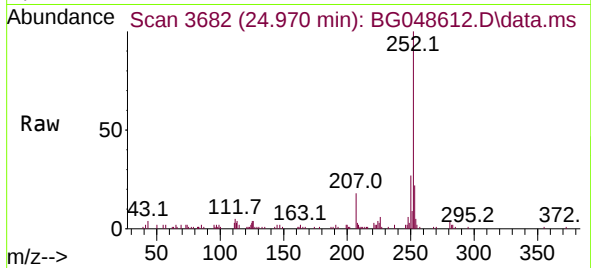




#90
Benzo(a)pyrene
Concen: 5.28 ng
RT: 24.970 min Scan# 3682
Delta R.T. -0.021 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_1-1.5

Tgt Ion:252 Resp: 57010
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 7.2 4.4 6.6#



#92
Benzo(g,h,i)perylene
Concen: 3.22 ng
RT: 30.153 min Scan# 4564
Delta R.T. -0.045 min
Lab File: BG048612.D
Acq: 6 Apr 2021 20:27

Tgt Ion:276 Resp: 34014
Ion Ratio Lower Upper
276 100
277 26.2 20.4 30.6
138 18.5 8.1 12.1#

