

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048556.D
 Acq On : 1 Apr 2021 23:11
 Operator : CG/JU
 Sample : M1886-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124027

Quant Time: Apr 02 03:05:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

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

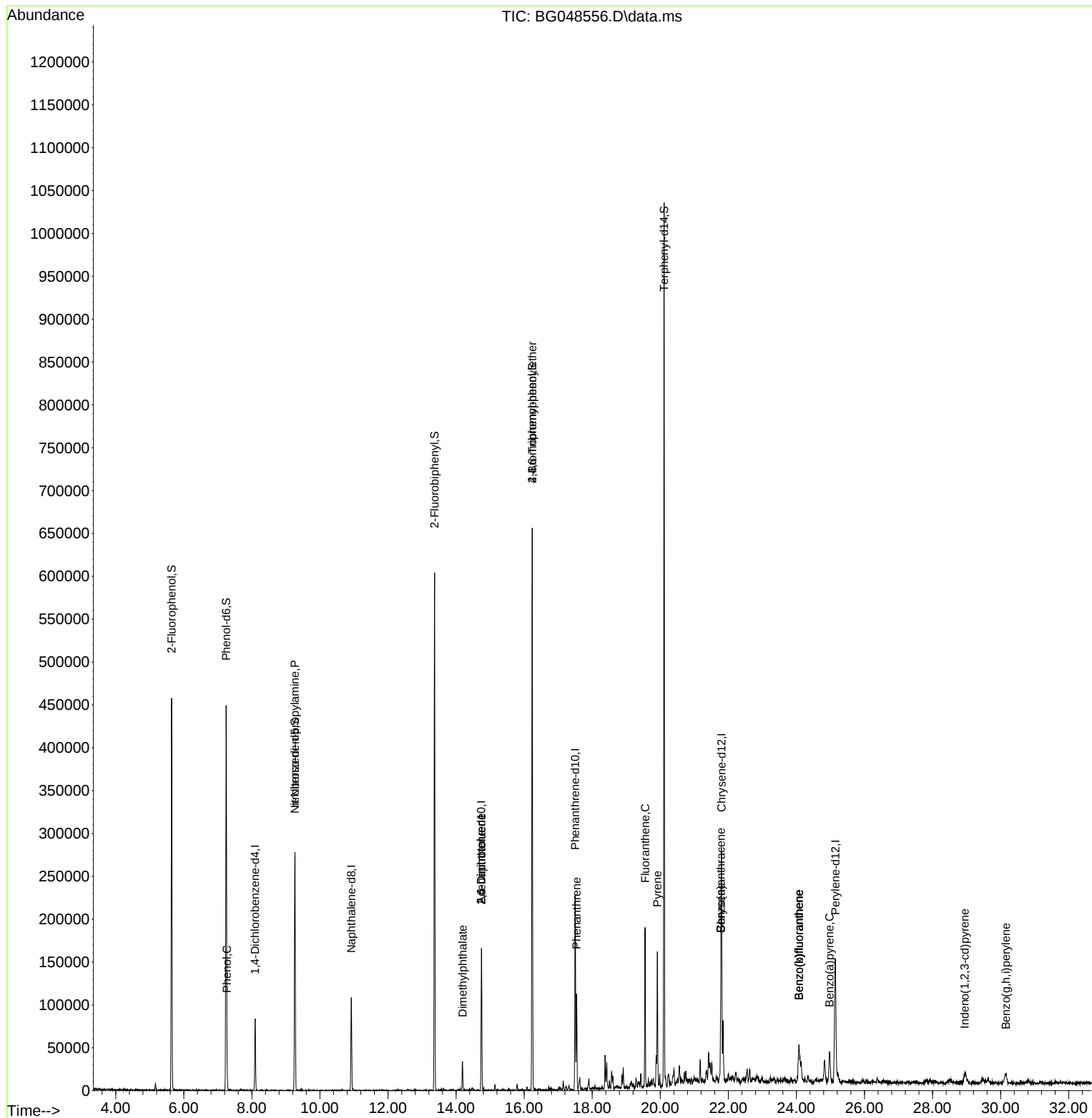
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	22031	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	90220	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	61786	20.00	ng	-0.01
64) Phenanthrene-d10	17.498	188	146304	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	156498	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	158588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	183405	146.98	ng	0.00
7) Phenol-d6	7.245	99	224626	124.12	ng	0.00
23) Nitrobenzene-d5	9.261	82	162669	87.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.235	330	110985	136.65	ng	-0.01
45) 2-Fluorobiphenyl	13.368	172	304215	73.18	ng	-0.01
79) Terphenyl-d14	20.113	244	471613	55.11	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.269	94	10034	5.54	ng	99
19) n-Nitroso-di-n-propyla...	9.267	70	25149	20.16	ng	# 69
50) Dimethylphthalate	14.190	163	20952	4.57	ng	98
51) 2,6-Dinitrotoluene	14.742	165	8067	7.69	ng	# 21
57) 2,4-Dinitrotoluene	14.742	165	8067	5.44	ng	# 25
67) 4-Bromophenyl-phenylether	16.235	248	8203	5.06	ng	# 1
71) Phenanthrene	17.539	178	73010	9.61	ng	94
75) Fluoranthene	19.554	202	116773	12.40	ng	99
78) Pyrene	19.913	202	98449	9.15	ng	96
81) Benzo(a)anthracene	21.775	228	52774	5.05	ng	95
83) Chrysene	21.775	228	52774	5.29	ng	95
87) Indeno(1,2,3-cd)pyrene	28.943	276	24578	2.21	ng	# 77
88) Benzo(b)fluoranthene	24.073	252	57215	5.55	ng	99
89) Benzo(k)fluoranthene	24.073	252	57215	5.78	ng	# 98
90) Benzo(a)pyrene	24.972	252	42433	4.47	ng	99
92) Benzo(g,h,i)perylene	30.154	276	21494	2.31	ng	# 87

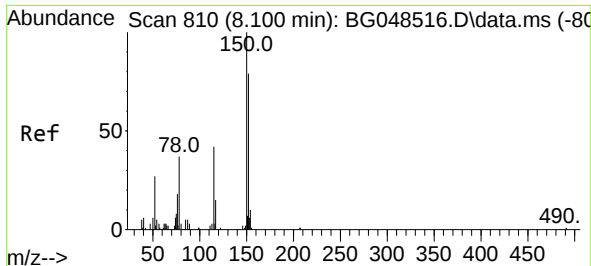
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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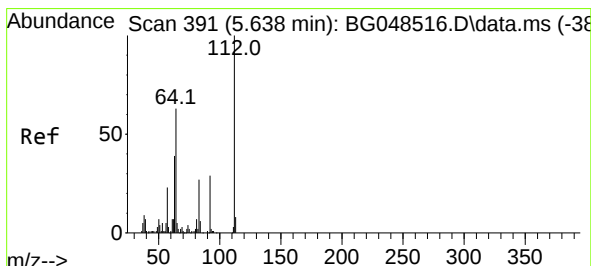
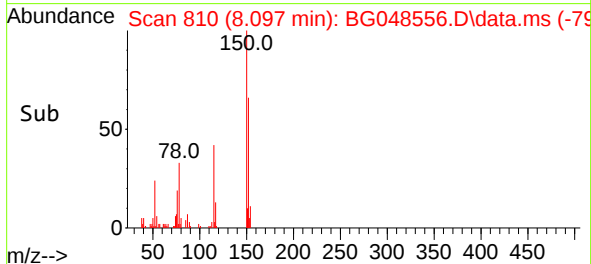
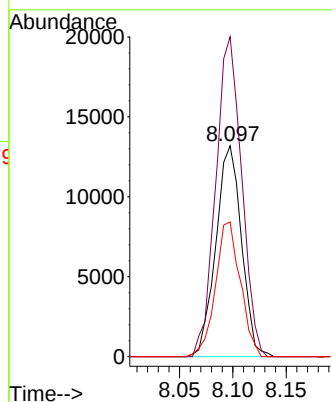
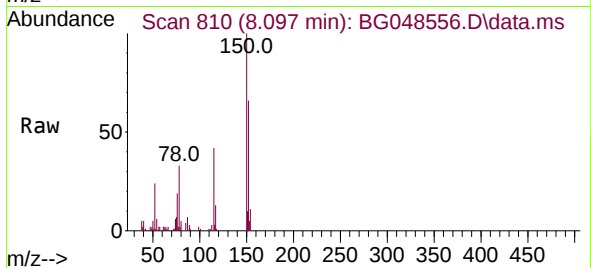




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. -0.007 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

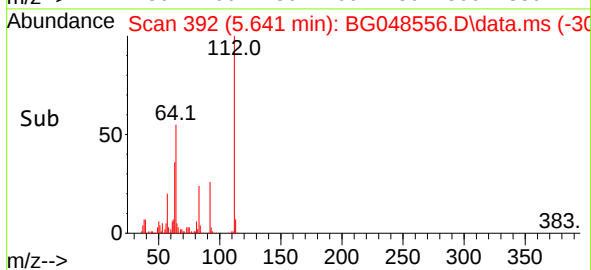
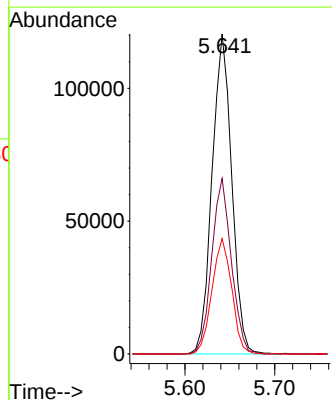
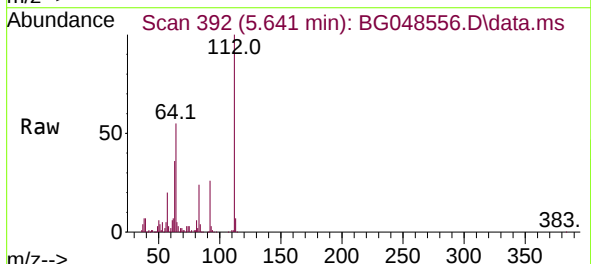
Instrument :
BNA_G
ClientSampleId :
RO-124027

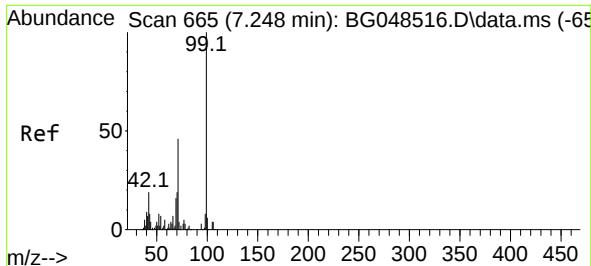
Tgt Ion:152 Resp: 22031
Ion Ratio Lower Upper
152 100
150 151.7 101.3 151.9
115 63.8 42.3 63.5#



#5
2-Fluorophenol
Concen: 146.98 ng
RT: 5.641 min Scan# 392
Delta R.T. -0.000 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:112 Resp: 183405
Ion Ratio Lower Upper
112 100
64 54.9 50.4 75.6
63 36.0 31.4 47.2

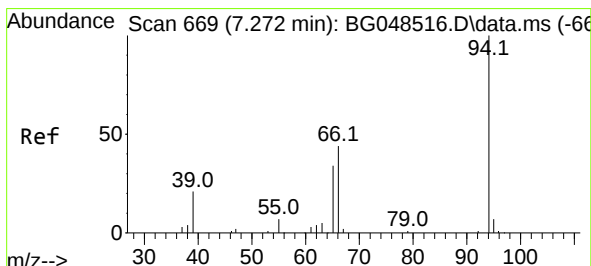
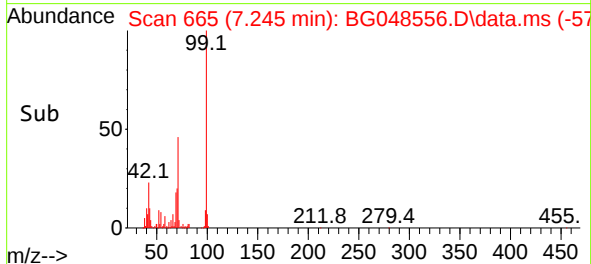
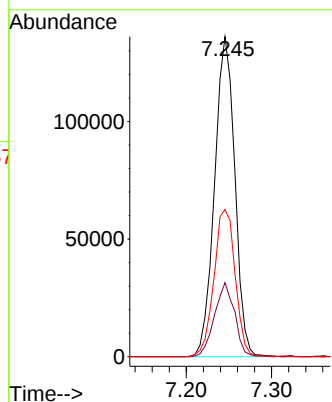
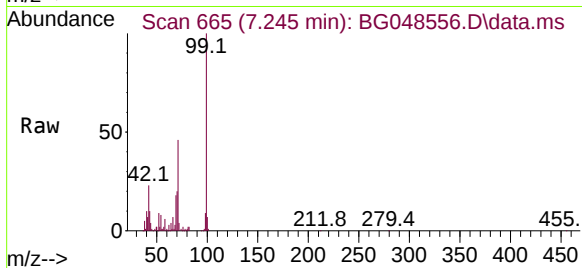




#7
Phenol-d6
Concen: 124.12 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

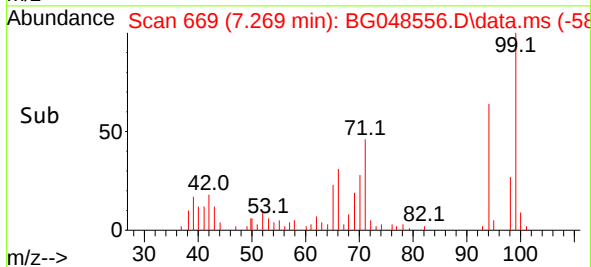
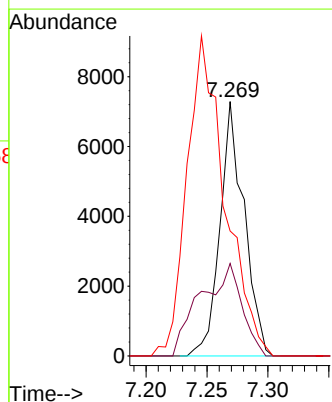
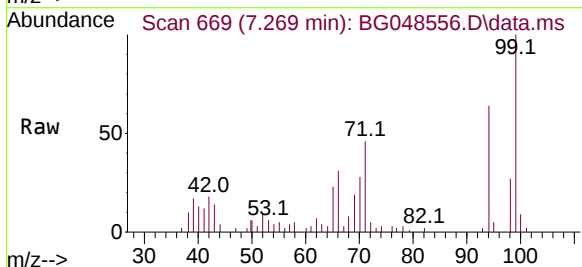
Instrument :
BNA_G
ClientSampleId :
RO-124027

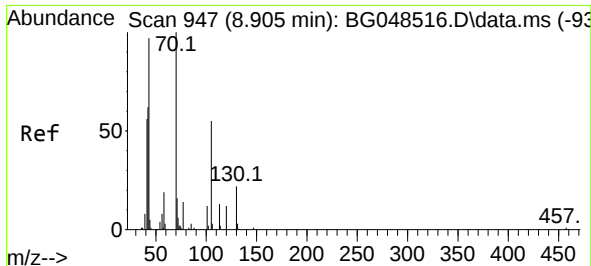
Tgt Ion: 99 Resp: 224626
Ion Ratio Lower Upper
99 100
42 23.1 15.5 23.3
71 46.0 36.6 54.8



#10
Phenol
Concen: 5.54 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.012 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion: 94 Resp: 10034
Ion Ratio Lower Upper
94 100
65 36.4 15.1 55.1
66 49.1 28.9 68.9



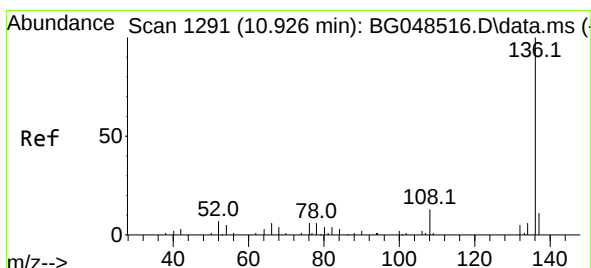
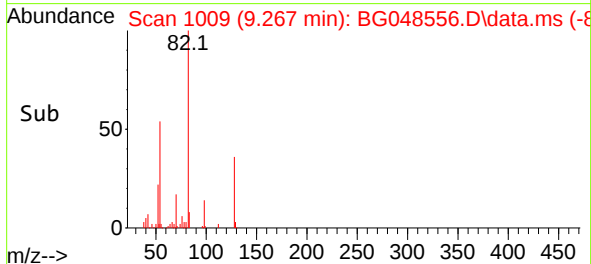
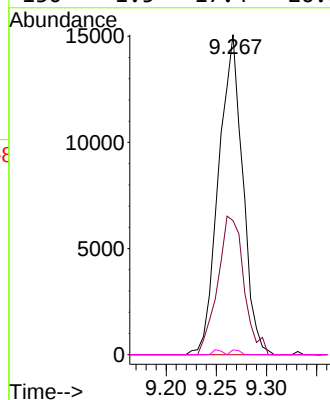
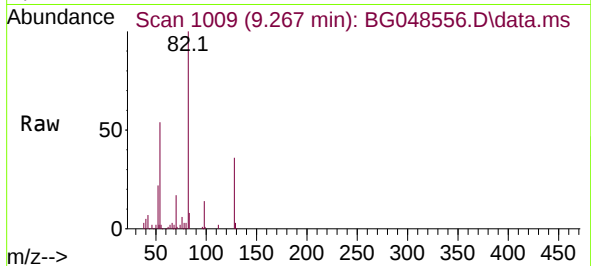


#19
n-Nitroso-di-n-propylamine
Concen: 20.16 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.358 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Instrument :
BNA_G
ClientSampleId :
RO-124027

Tgt Ion: 70 Resp: 25149

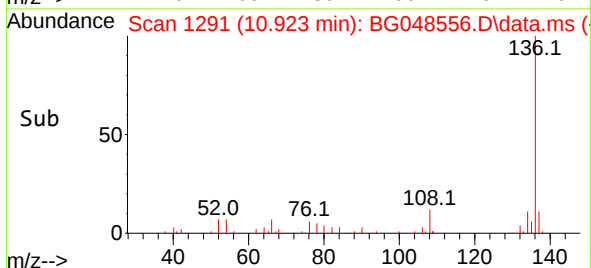
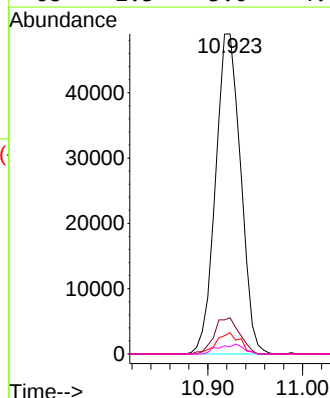
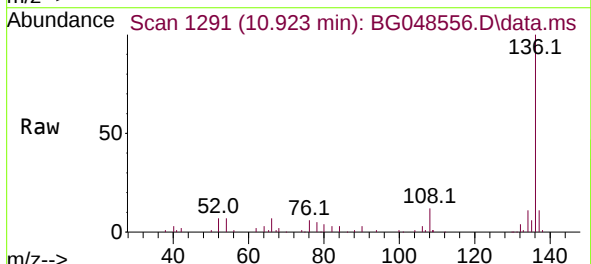
Ion	Ratio	Lower	Upper
70	100		
42	41.9	50.8	76.2#
101	0.0	9.7	14.5#
130	1.5	17.4	26.0#

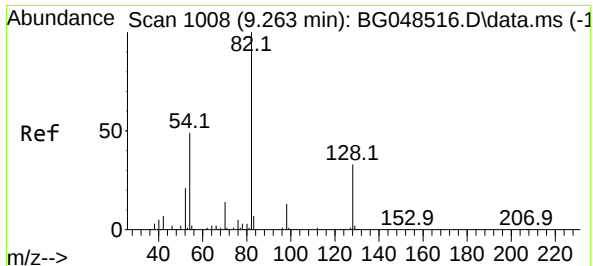


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion: 136 Resp: 90220

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	6.6	4.2	6.4#
68	2.3	3.0	4.4#

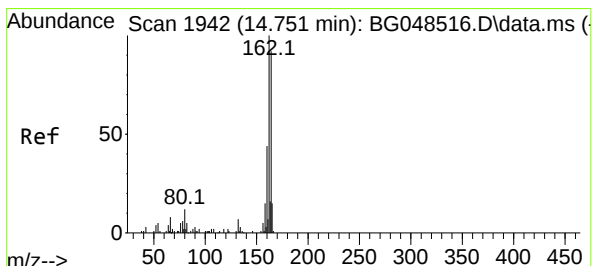
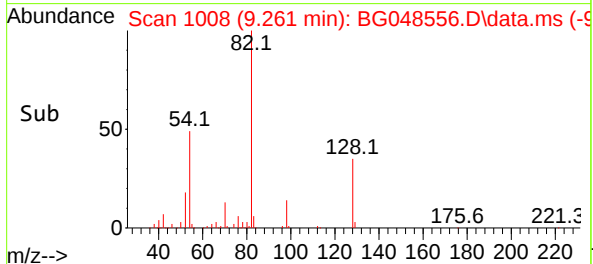
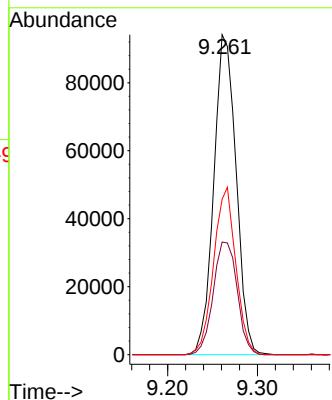
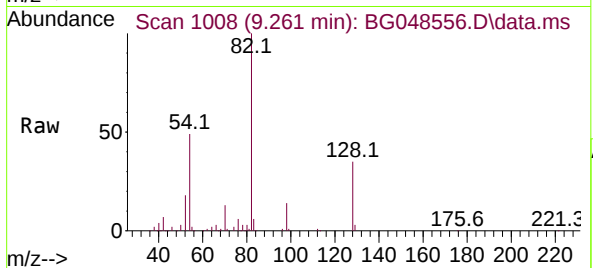




#23
Nitrobenzene-d5
Concen: 87.29 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

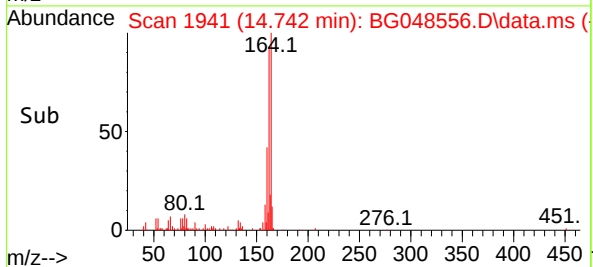
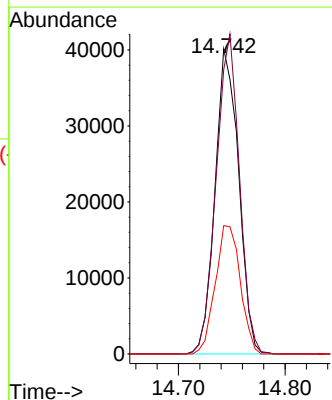
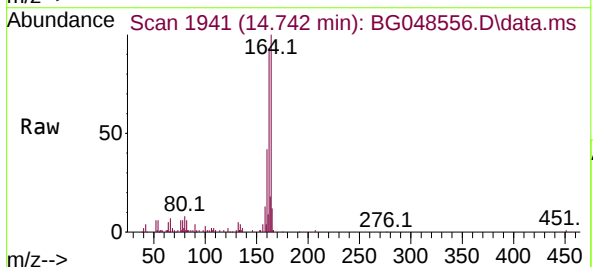
Instrument :
BNA_G
ClientSampleId :
RO-124027

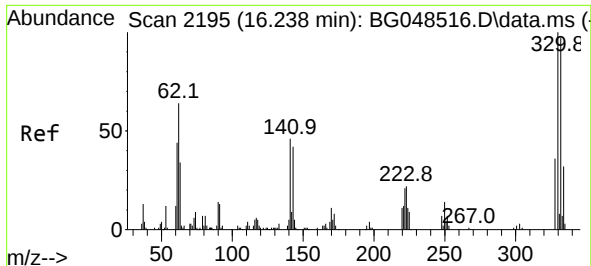
Tgt Ion: 82 Resp: 162669
Ion Ratio Lower Upper
82 100
128 35.2 26.2 39.4
54 48.6 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:164 Resp: 61786
Ion Ratio Lower Upper
164 100
162 93.2 87.0 130.6
160 42.1 38.4 57.6

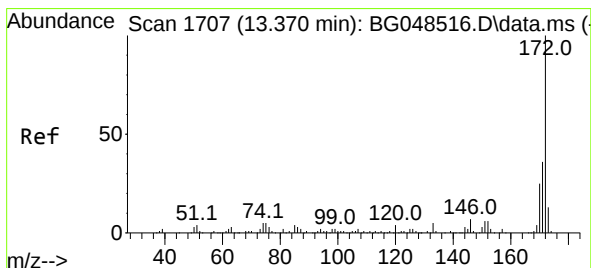
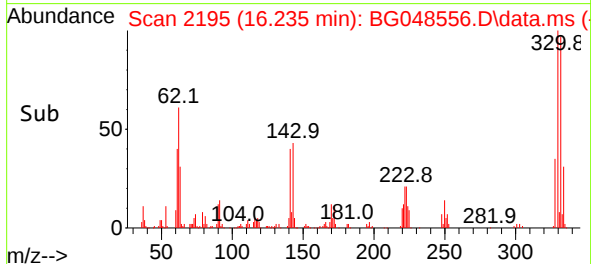
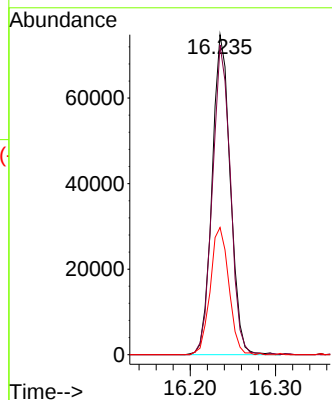
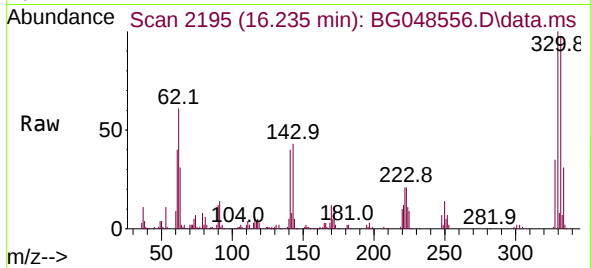




#42
2,4,6-Tribromophenol
Concen: 136.65 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

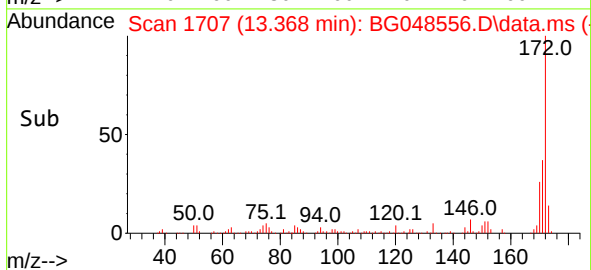
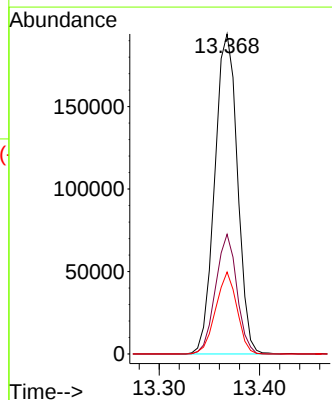
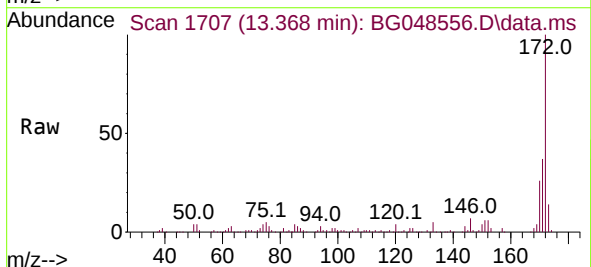
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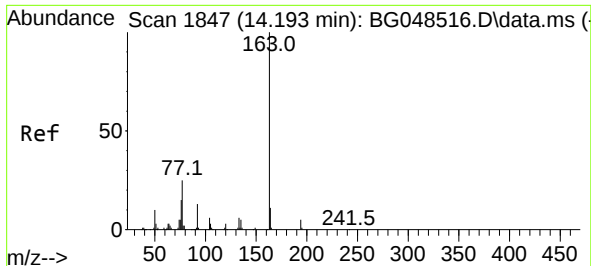
Tgt Ion:330 Resp: 110985
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 40.5 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 73.18 ng
RT: 13.368 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:172 Resp: 304215
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 25.6 19.8 29.6

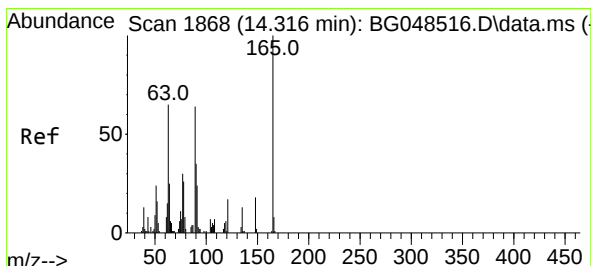
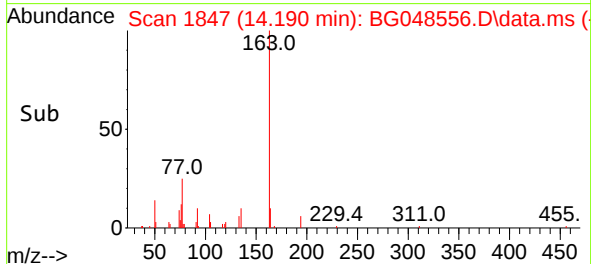
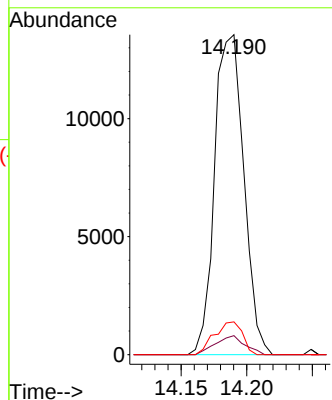
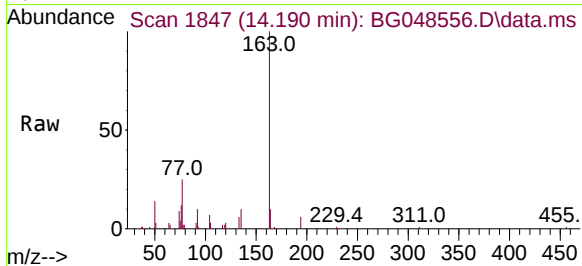




#50
Dimethylphthalate
Concen: 4.57 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

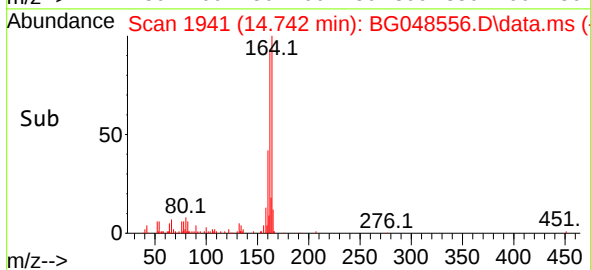
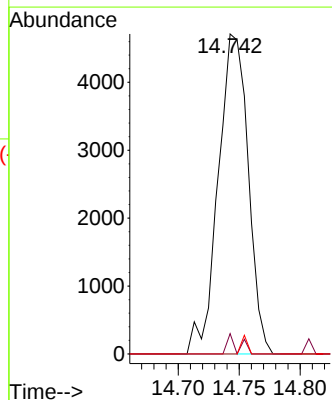
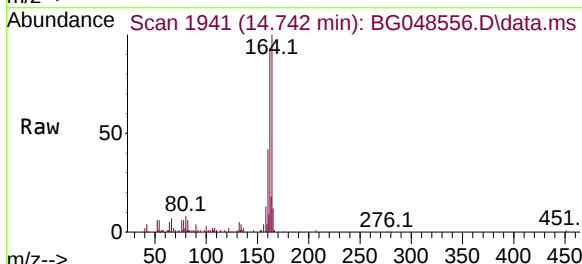
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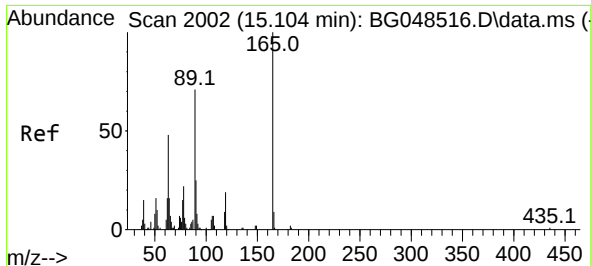
Tgt Ion:163 Resp: 20952
Ion Ratio Lower Upper
163 100
194 6.0 4.1 6.1
164 10.2 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.423 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:165 Resp: 8067
Ion Ratio Lower Upper
165 100
63 6.3 53.8 80.6#
89 0.0 50.8 76.2#

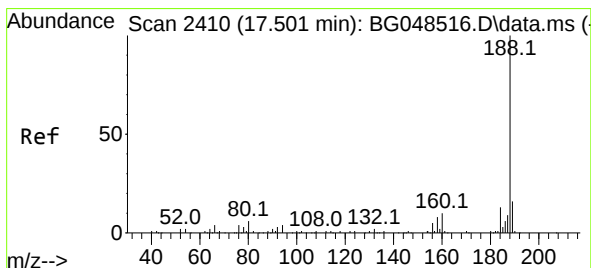
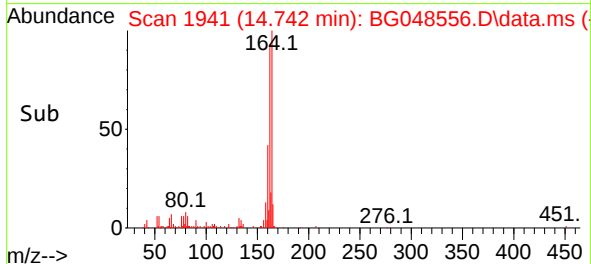
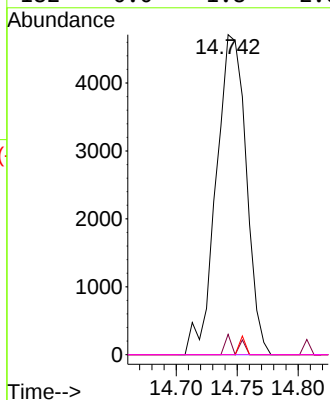
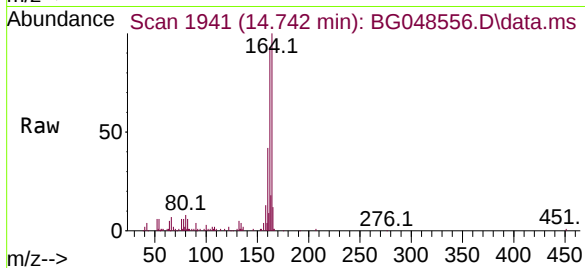




#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.365 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

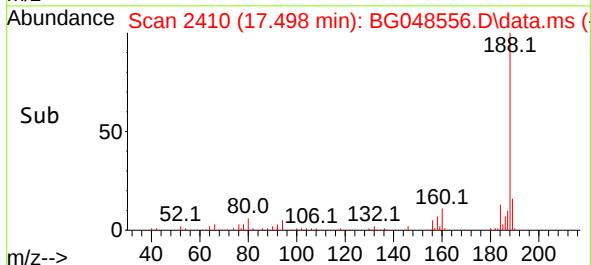
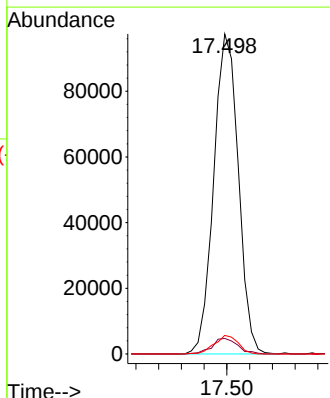
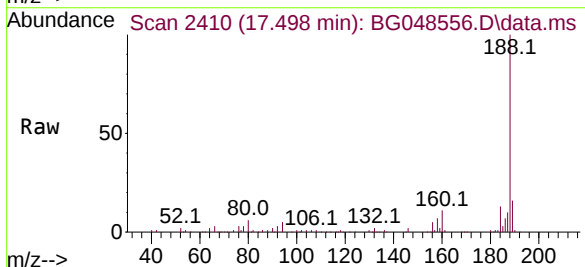
Instrument :
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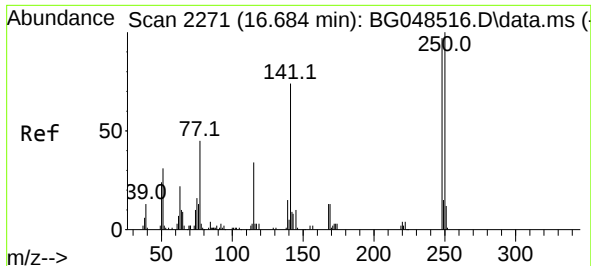
Tgt Ion:165 Resp: 8067
Ion Ratio Lower Upper
165 100
63 6.3 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:188 Resp: 146304
Ion Ratio Lower Upper
188 100
94 4.8 3.0 4.6#
80 5.8 4.5 6.7

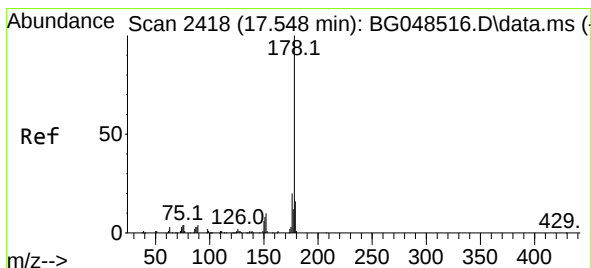
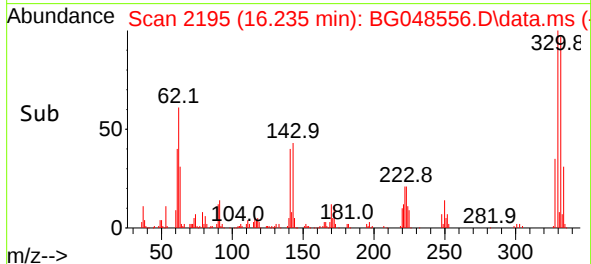
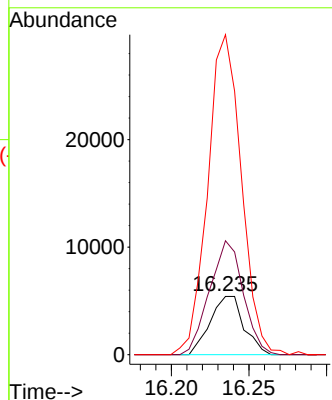
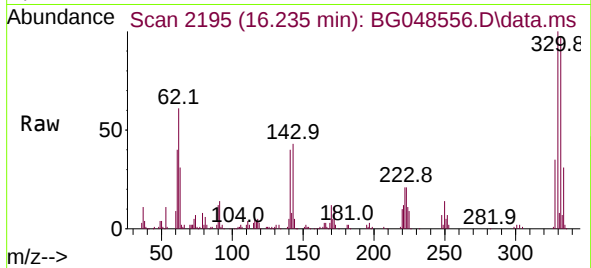




#67
4-Bromophenyl-phenylether
Concen: 5.06 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.453 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

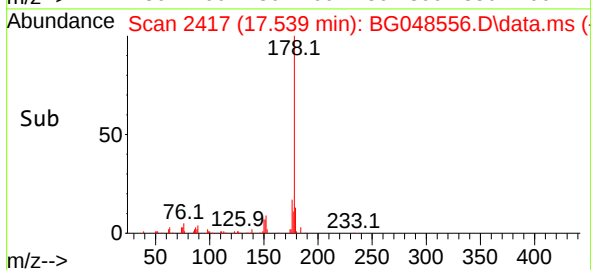
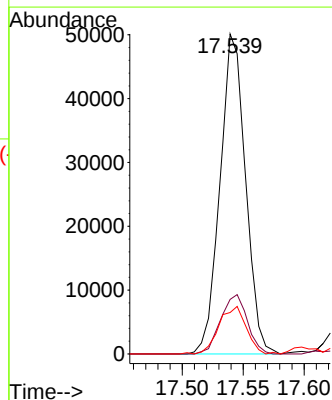
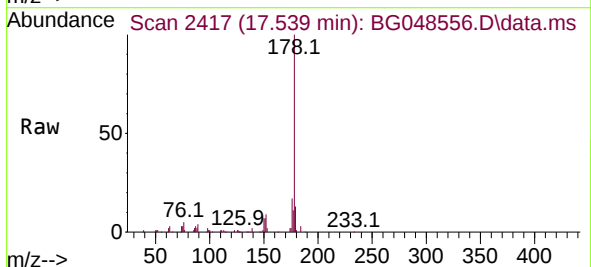
Instrument :
BNA_G
ClientSampleId :
RO-124027

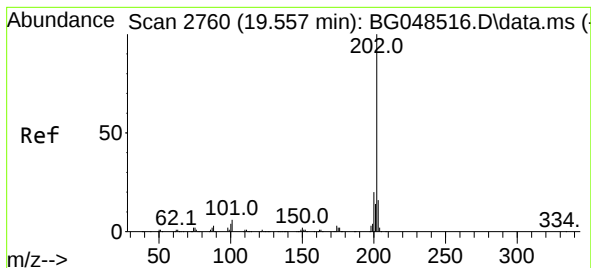
Tgt Ion:248 Resp: 8203
Ion Ratio Lower Upper
248 100
250 195.4 82.6 124.0#
141 549.0 61.0 91.6#



#71
Phenanthrene
Concen: 9.61 ng
RT: 17.539 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:178 Resp: 73010
Ion Ratio Lower Upper
178 100
176 17.1 15.6 23.4
179 13.0 12.9 19.3

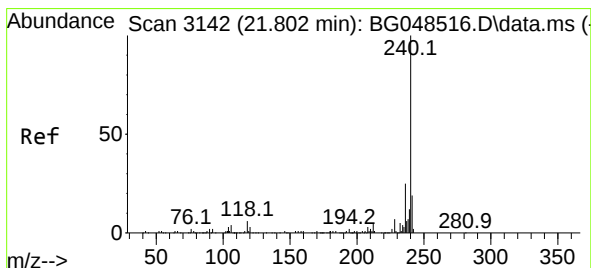
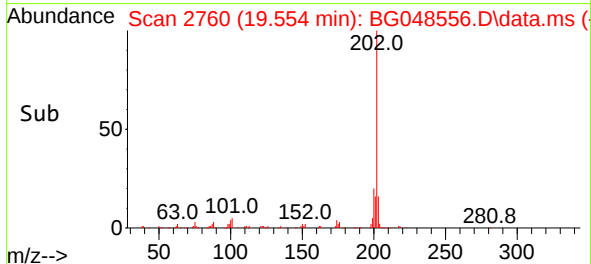
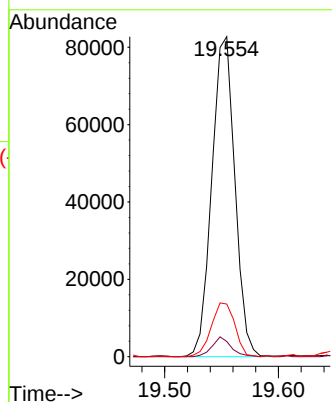
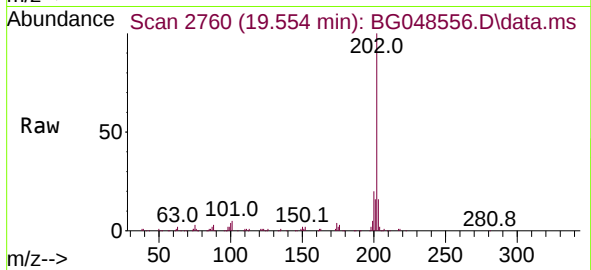




#75
Fluoranthene
Concen: 12.40 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

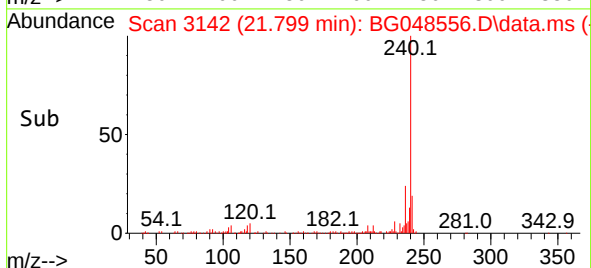
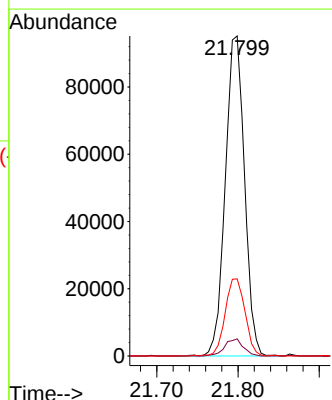
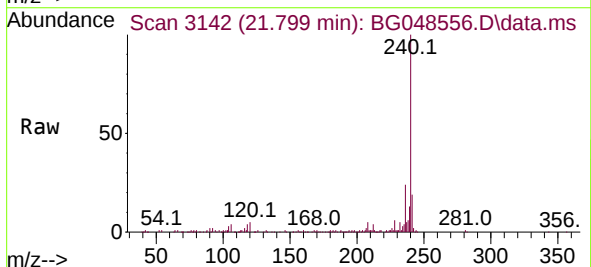
Instrument :
BNA_G
ClientSampleId :
RO-124027

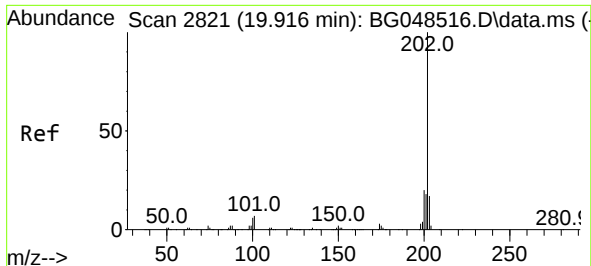
Tgt Ion:202 Resp: 116773
Ion Ratio Lower Upper
202 100
101 4.7 0.0 25.8
203 16.4 0.0 36.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:240 Resp: 156498
Ion Ratio Lower Upper
240 100
120 5.4 2.6 3.8#
236 24.1 19.8 29.6

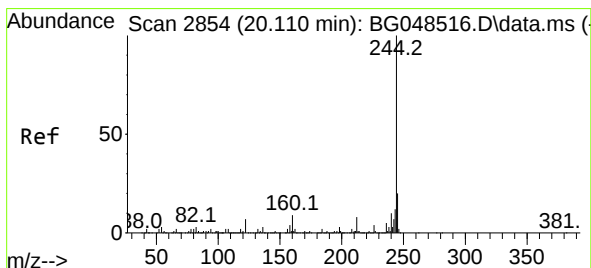
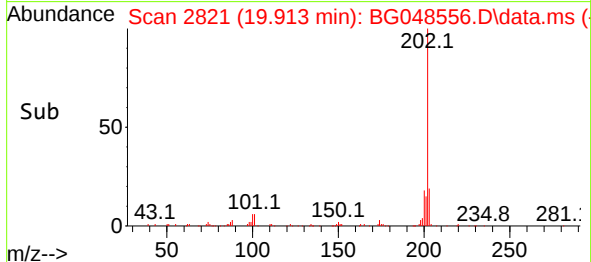
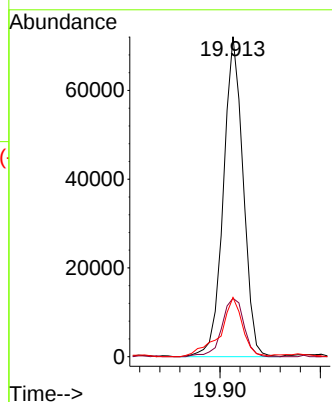
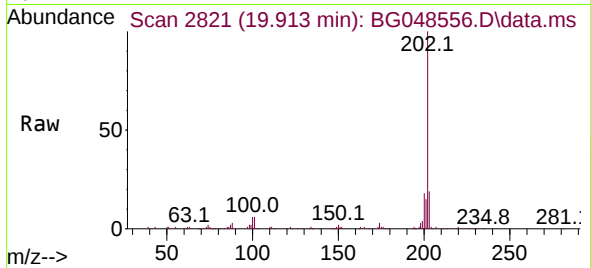




#78
Pyrene
Concen: 9.15 ng
RT: 19.913 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

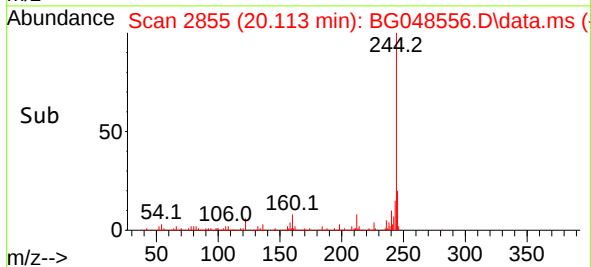
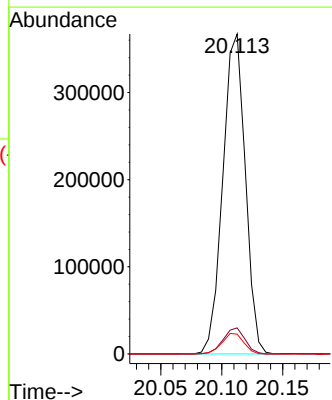
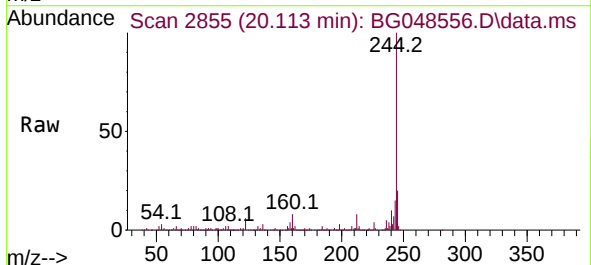
Instrument :
BNA_G
ClientSampleId :
RO-124027

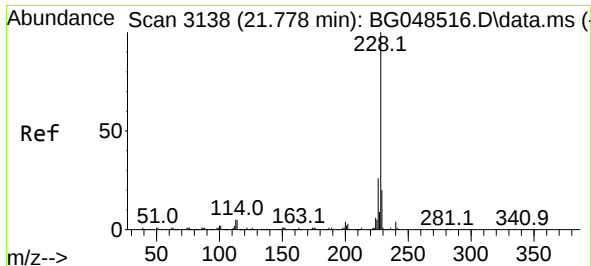
Tgt Ion:202 Resp: 98449
Ion Ratio Lower Upper
202 100
200 18.3 16.1 24.1
203 18.5 13.6 20.4



#79
Terphenyl-d14
Concen: 55.11 ng
RT: 20.113 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:244 Resp: 471613
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 6.2 5.8 8.6

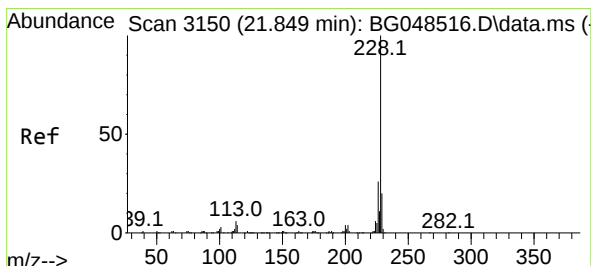
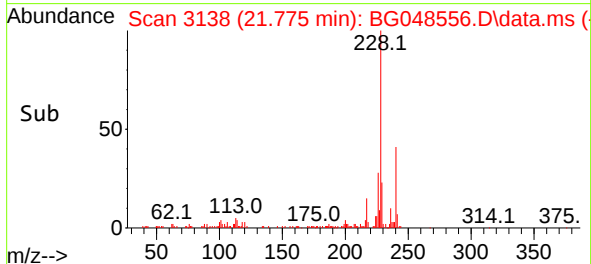
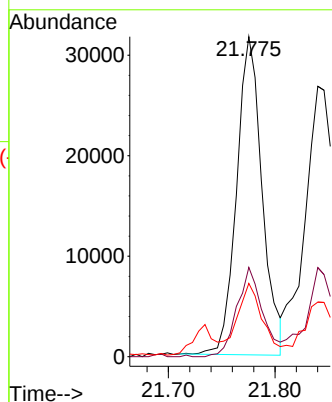
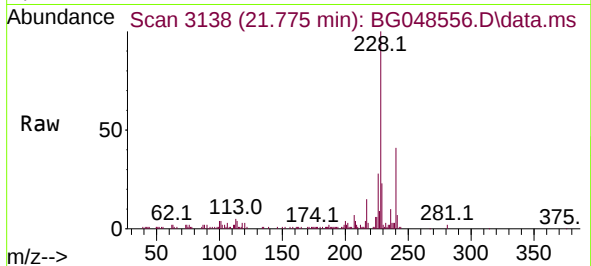




#81
Benzo(a)anthracene
Concen: 5.05 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

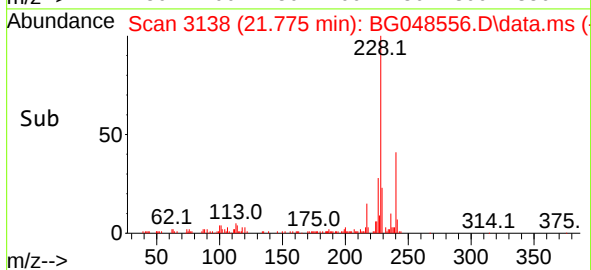
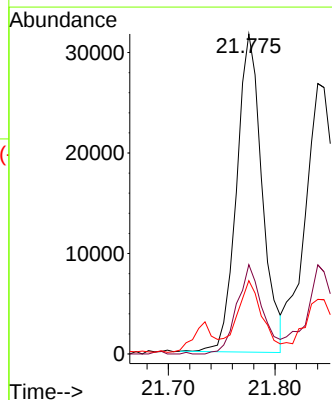
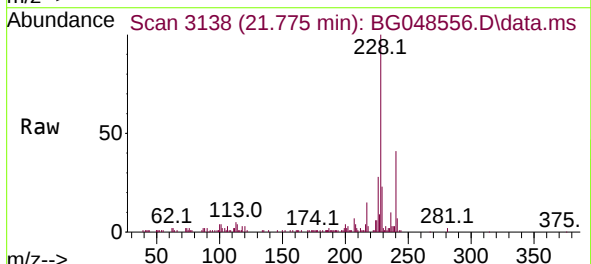
Instrument :
BNA_G
ClientSampleId :
RO-124027

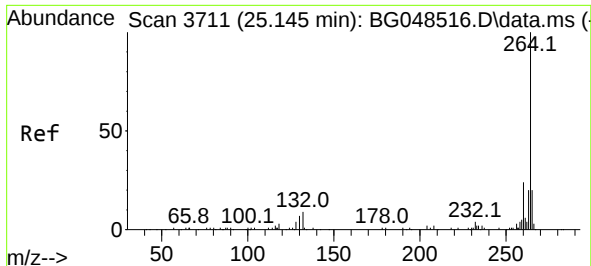
Tgt Ion:228	Resp:	52774
Ion Ratio	Lower	Upper
228	100	
226	27.9	20.6 30.8
229	22.9	15.8 23.8



#83
Chrysene
Concen: 5.29 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.077 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:228	Resp:	52774
Ion Ratio	Lower	Upper
228	100	
226	27.9	20.6 31.0
229	22.9	16.3 24.5

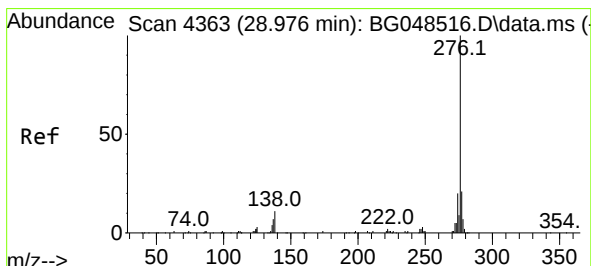
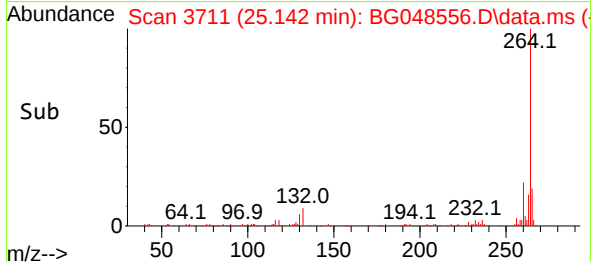
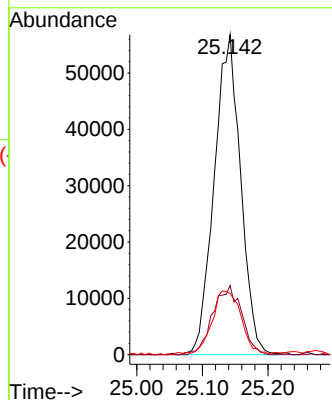
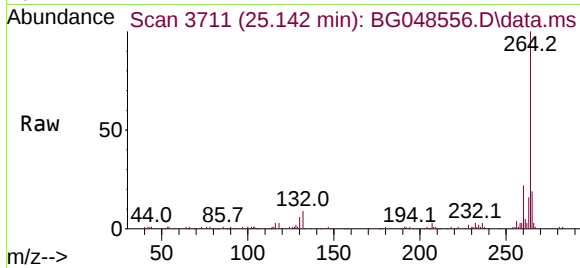




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3711
Delta R.T. -0.006 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

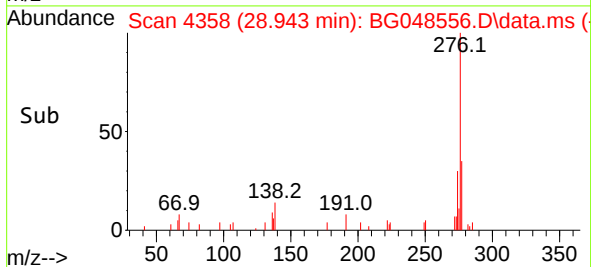
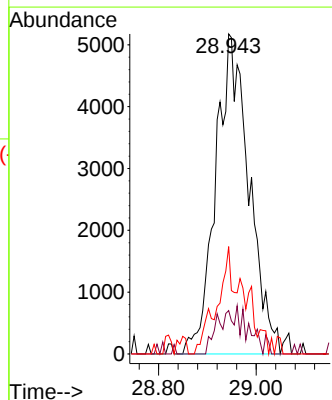
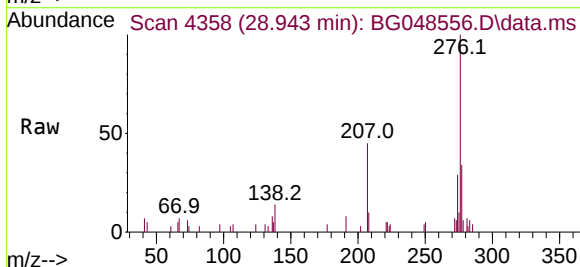
Instrument :
BNA_G
ClientSampleId :
RO-124027

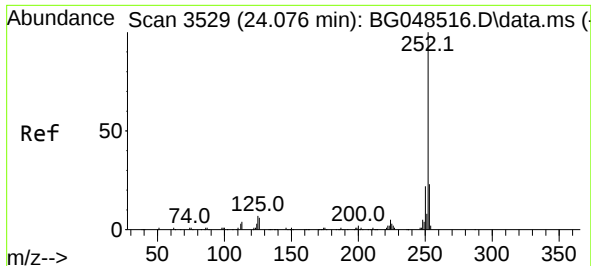
Tgt Ion:264 Resp: 158588
Ion Ratio Lower Upper
264 100
260 21.6 19.1 28.7
265 19.2 16.1 24.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.21 ng
RT: 28.943 min Scan# 4358
Delta R.T. -0.041 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:276 Resp: 24578
Ion Ratio Lower Upper
276 100
138 1.4 7.8 11.8#
277 6.3 0.0 0.0#

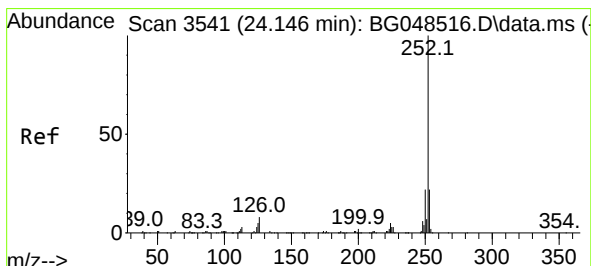
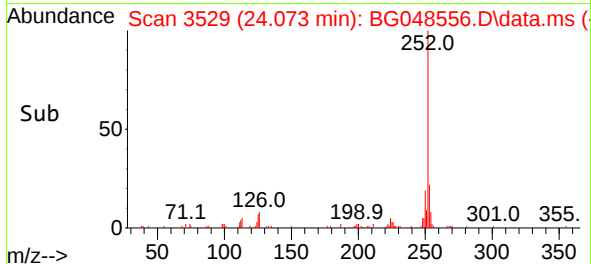
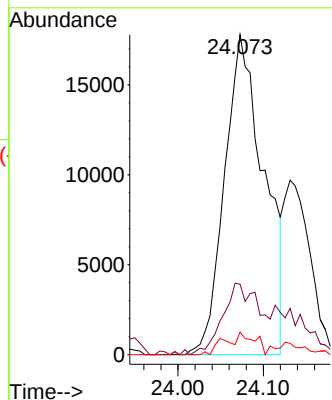
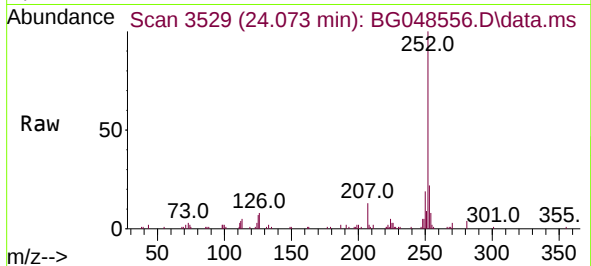




#88
Benzo(b)fluoranthene
Concen: 5.55 ng
RT: 24.073 min Scan# 3529
Delta R.T. -0.012 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

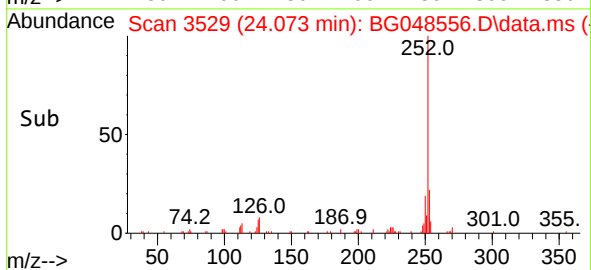
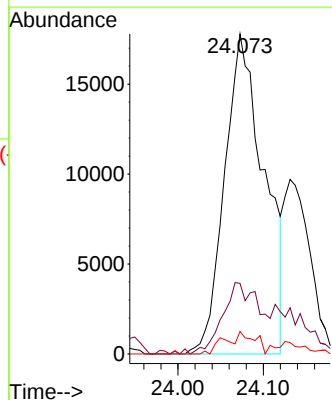
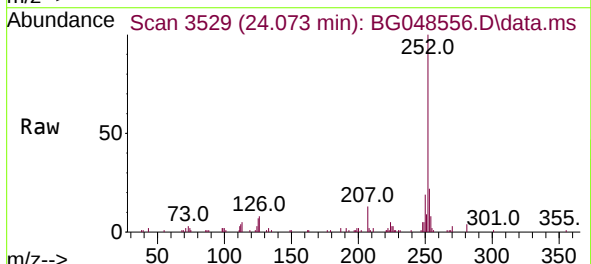
Instrument :
BNA_G
ClientSampleId :
RO-124027

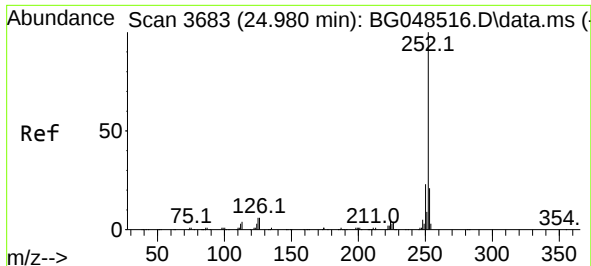
Tgt Ion:252 Resp: 57215
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 7.0 5.3 7.9



#89
Benzo(k)fluoranthene
Concen: 5.78 ng
RT: 24.073 min Scan# 3529
Delta R.T. -0.083 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:252 Resp: 57215
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.0 3.9 5.9#

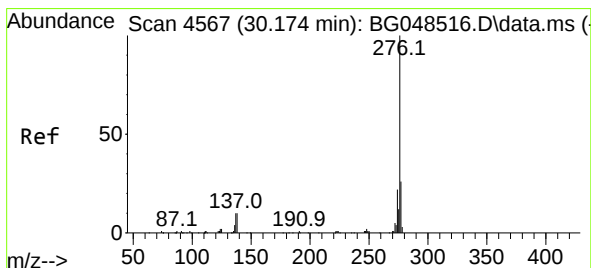
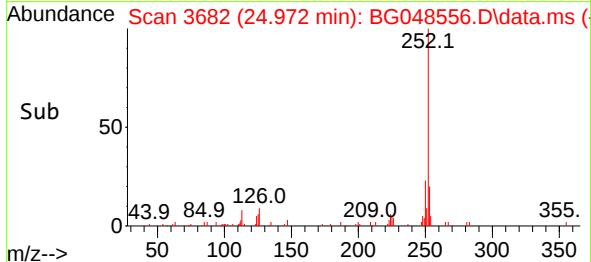
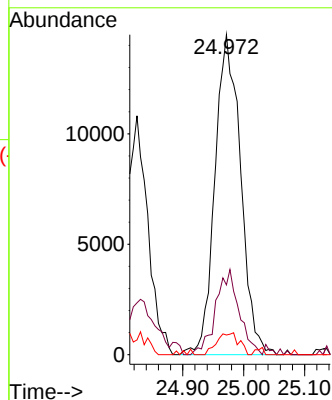
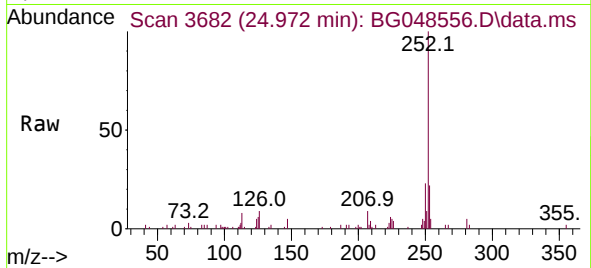




#90
Benzo(a)pyrene
Concen: 4.47 ng
RT: 24.972 min Scan# 3682
Delta R.T. -0.018 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Instrument :
BNA_G
ClientSampleId :
RO-124027

Tgt Ion:252 Resp: 42433
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.1 4.4 6.6



#92
Benzo(g,h,i)perylene
Concen: 2.31 ng
RT: 30.154 min Scan# 4564
Delta R.T. -0.036 min
Lab File: BG048556.D
Acq: 1 Apr 2021 23:11

Tgt Ion:276 Resp: 21494
Ion Ratio Lower Upper
276 100
277 31.1 20.4 30.6#
138 16.2 8.1 12.1#

