

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049099.D
 Acq On : 25 Jun 2021 20:45
 Operator : CG/JU
 Sample : M2829-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15B-STOCKPILE-3A

Quant Time: Jun 26 01:33:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

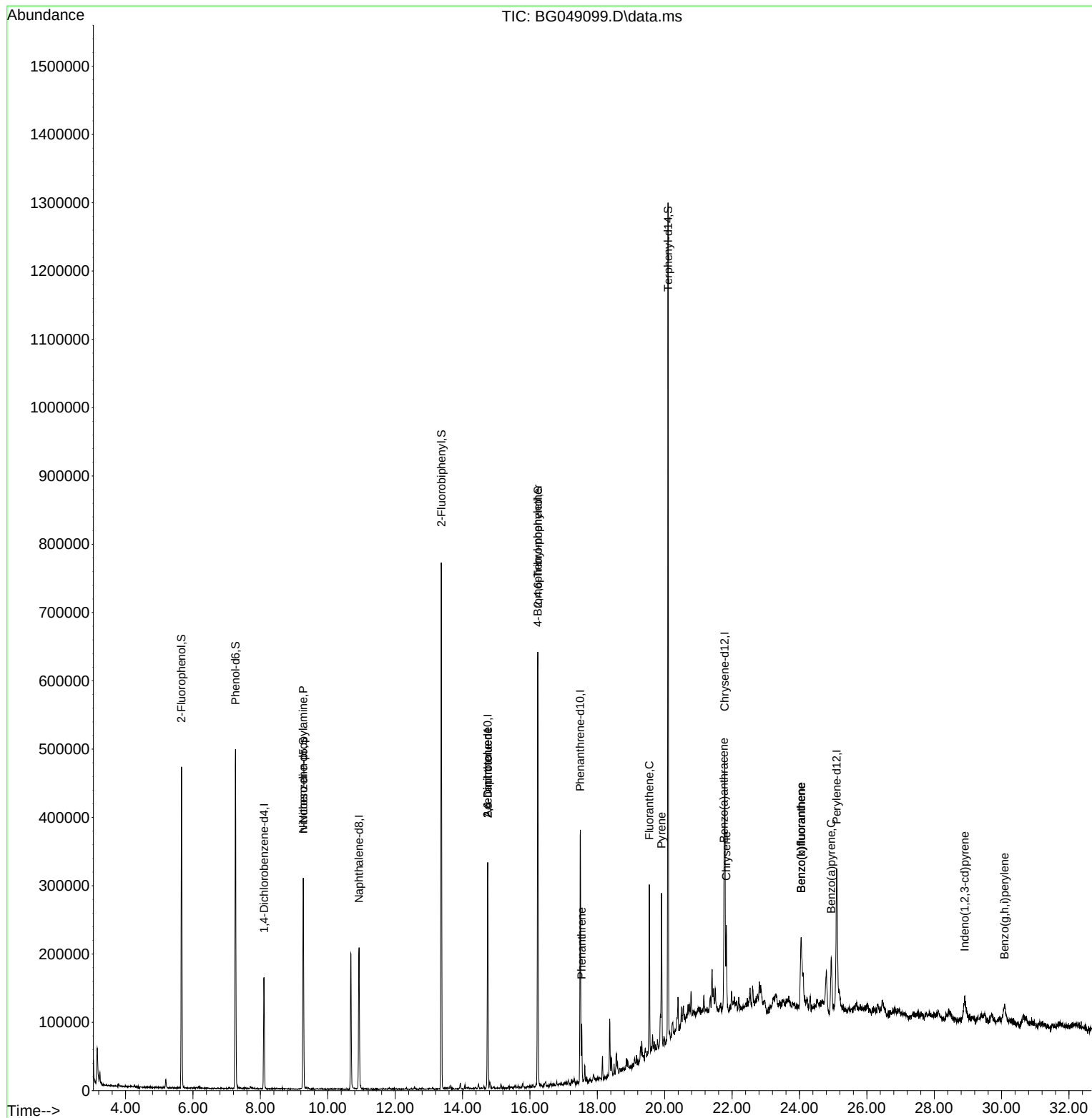
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	44763	20.000	ng	0.00
21) Naphthalene-d8	10.929	136	173728	20.000	ng	# 0.00
39) Acenaphthene-d10	14.748	164	119990	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	243275	20.000	ng	# 0.00
76) Chrysene-d12	21.781	240	223548	20.000	ng	0.00
86) Perylene-d12	25.106	264	235571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	193146	67.168	ng	0.00
7) Phenol-d6	7.262	99	252777	58.650	ng	0.00
23) Nitrobenzene-d5	9.272	82	184211	45.722	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	128671	72.380	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	406179	47.820	ng	0.00
79) Terphenyl-d14	20.100	244	580625	47.568	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.272	70	26562	7.885	ng	# 73
51) 2,6-Dinitrotoluene	14.748	165	15458	8.121	ng	# 11
57) 2,4-Dinitrotoluene	14.748	165	15458	6.612	ng	# 16
67) 4-Bromophenyl-phenylether	16.228	248	7273	2.394	ng	# 1
71) Phenanthrene	17.539	178	52684	3.849	ng	95
75) Fluoranthene	19.542	202	153259	9.285	ng	95
78) Pyrene	19.906	202	147365	9.082	ng	99
81) Benzo(a)anthracene	21.757	228	104373	6.503	ng	93
83) Chrysene	21.828	228	89589	5.821	ng	95
87) Indeno(1,2,3-cd)pyrene	28.908	276	60747	3.426	ng	# 97
88) Benzo(b)fluoranthene	24.049	252	137778	8.204	ng	# 94
89) Benzo(k)fluoranthene	24.049	252	137778	8.647	ng	# 98
90) Benzo(a)pyrene	24.942	252	99756	6.508	ng	# 96
92) Benzo(g,h,i)perylene	30.089	276	55148	3.691	ng	# 89

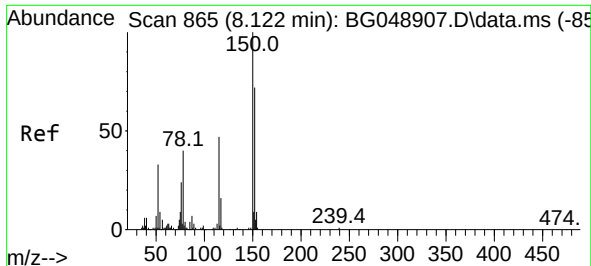
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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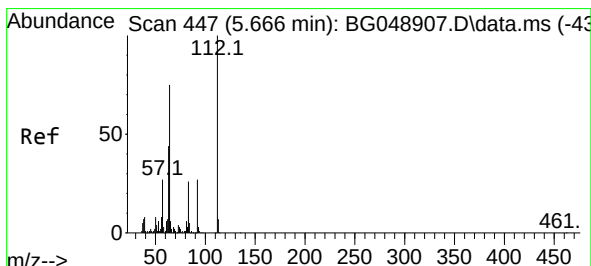
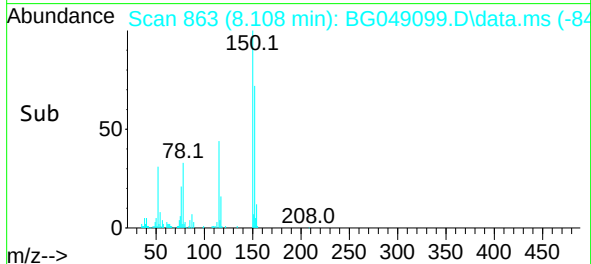
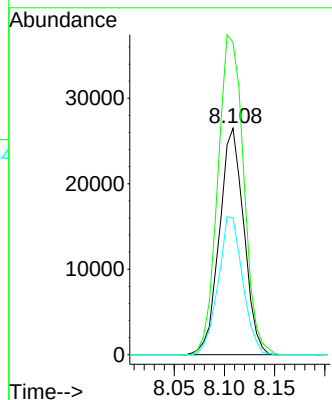
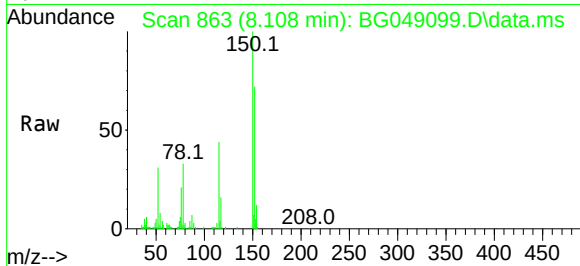




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 863
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

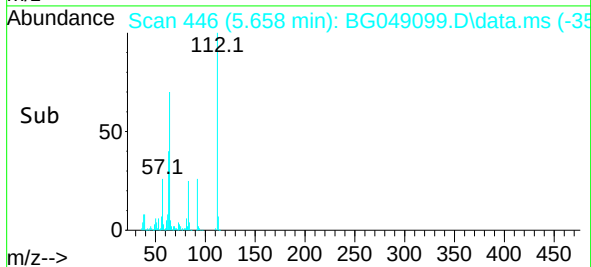
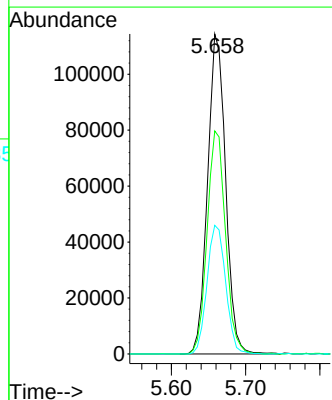
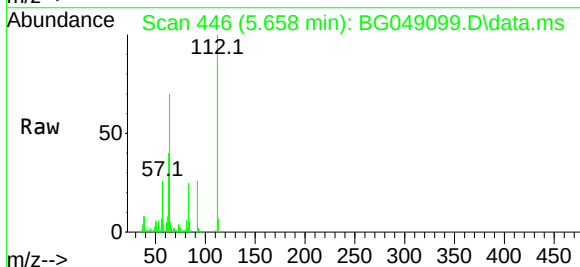
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

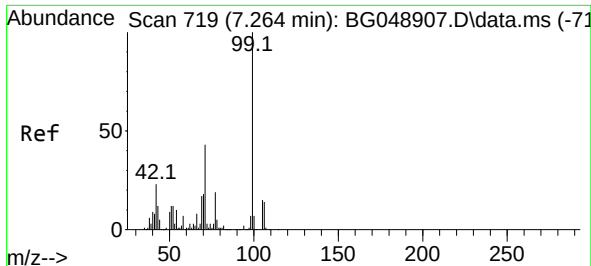
Tgt Ion:152 Resp: 44763
Ion Ratio Lower Upper
152 100
150 137.9 119.4 179.0
115 60.4 60.2 90.4



#5
2-Fluorophenol
Concen: 67.168 ng
RT: 5.658 min Scan# 446
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:112 Resp: 193146
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 40.2 35.3 52.9

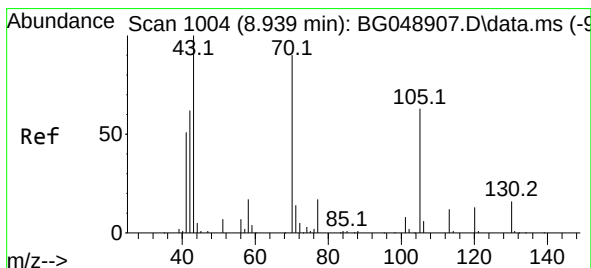
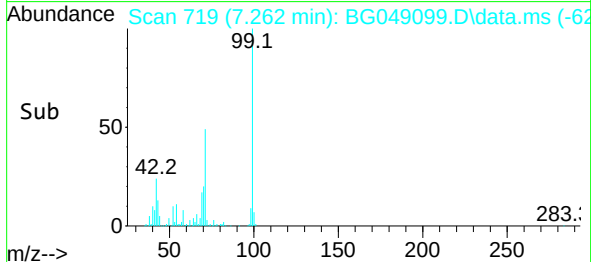
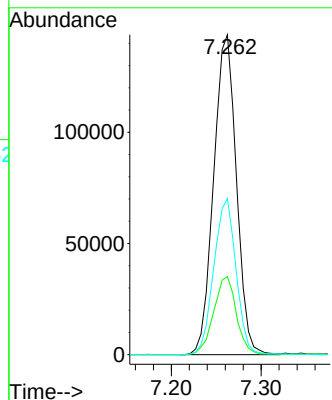
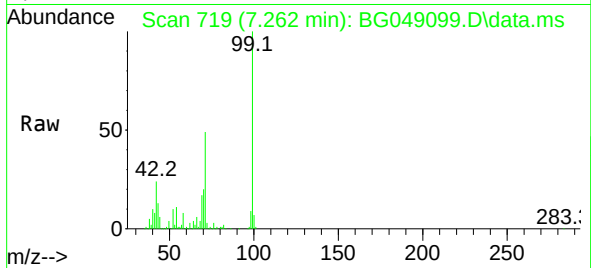




#7
Phenol-d6
Concen: 58.650 ng
RT: 7.262 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

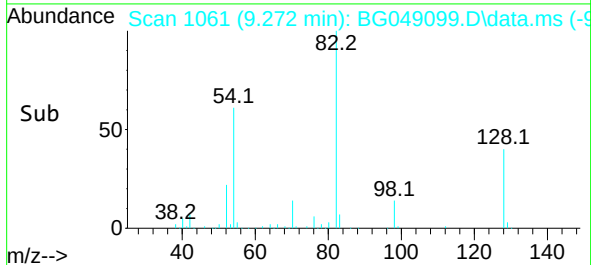
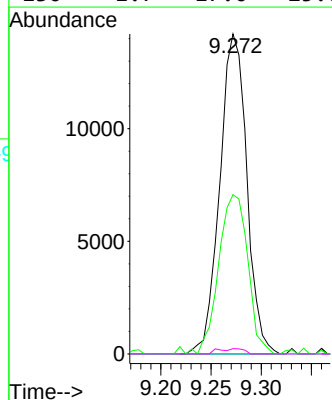
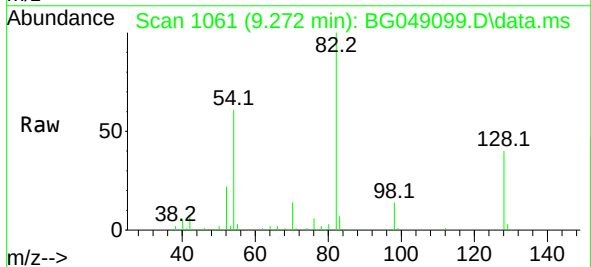
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

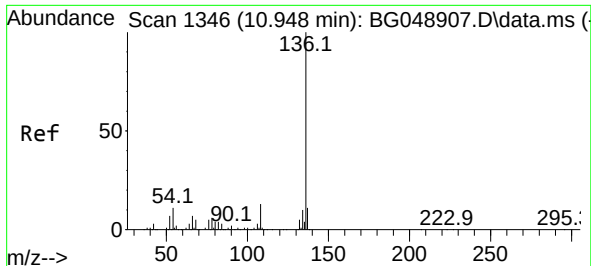
Tgt Ion: 99 Resp: 252777
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 48.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.885 ng
RT: 9.272 min Scan# 1061
Delta R.T. 0.361 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

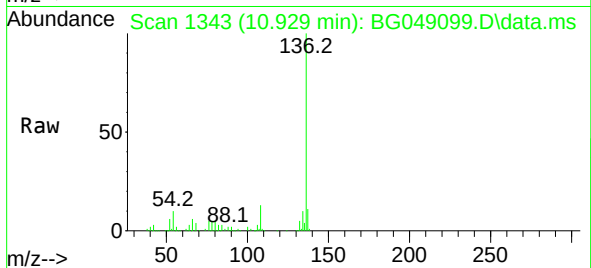
Tgt Ion: 70 Resp: 26562
Ion Ratio Lower Upper
70 100
42 49.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



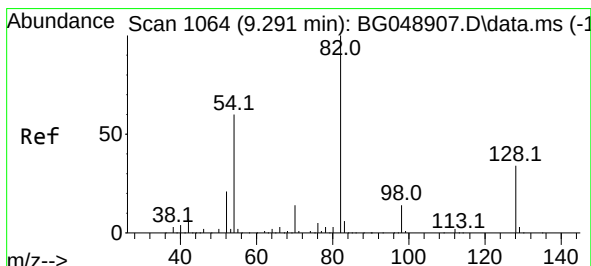
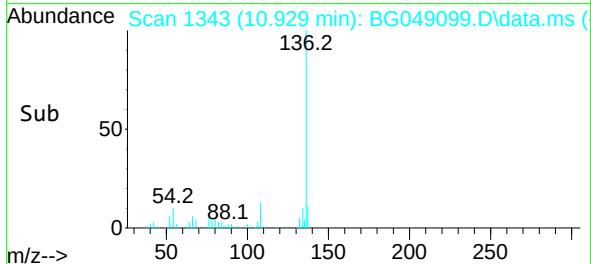
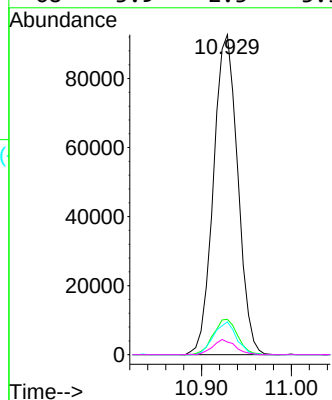


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.929 min Scan# 1343
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

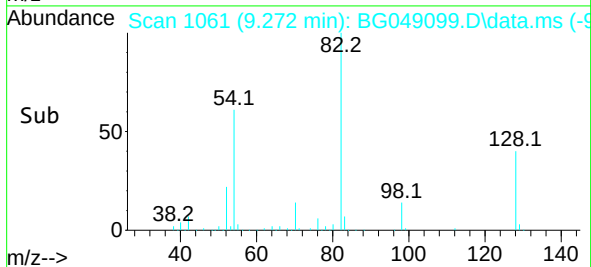
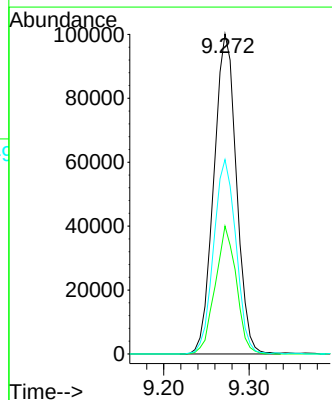
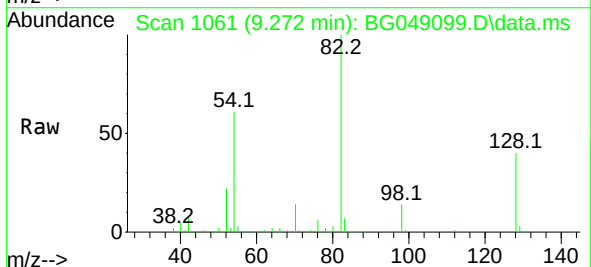


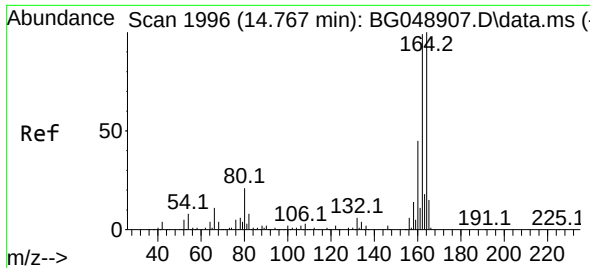
Tgt Ion:136 Resp: 173728
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 10.2 5.5 8.3#
68 3.9 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 45.722 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

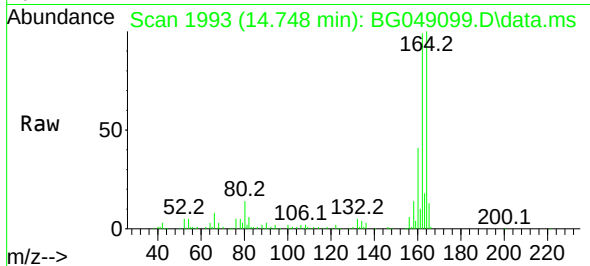
Tgt Ion: 82 Resp: 184211
Ion Ratio Lower Upper
82 100
128 40.0 29.8 44.6
54 60.7 45.8 68.8



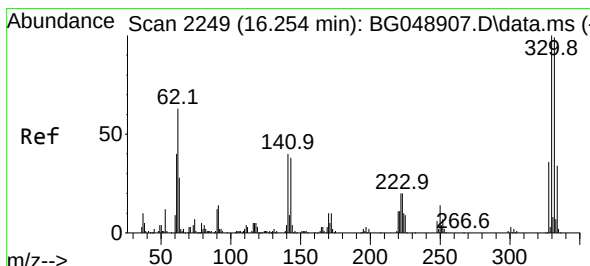
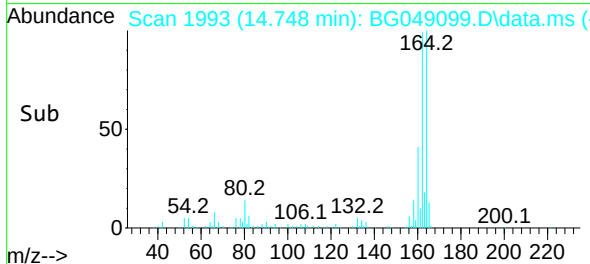
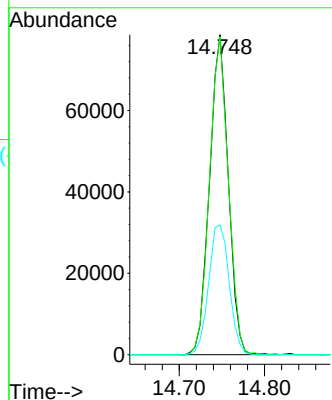


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

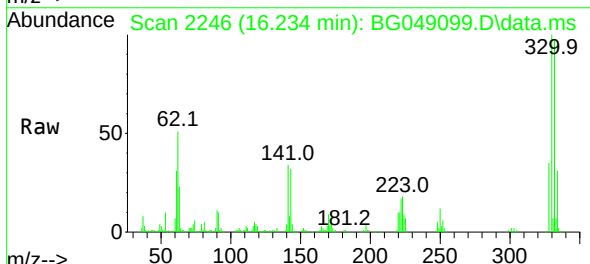
Instrument :
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ClientSampleId :
15B-STOCKPILE-3A



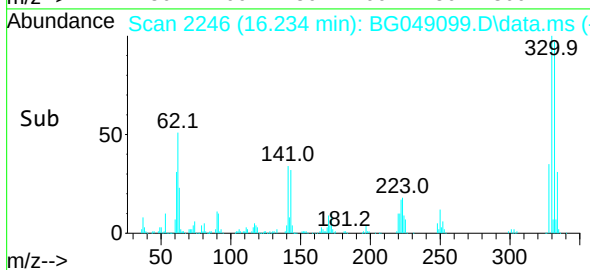
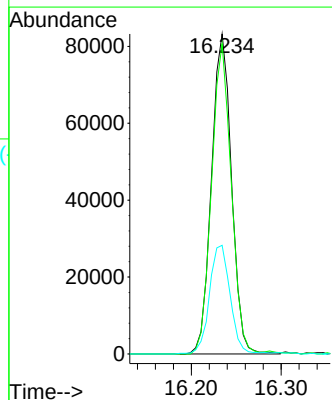
Tgt Ion:164 Resp: 119990
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 40.6 34.9 52.3

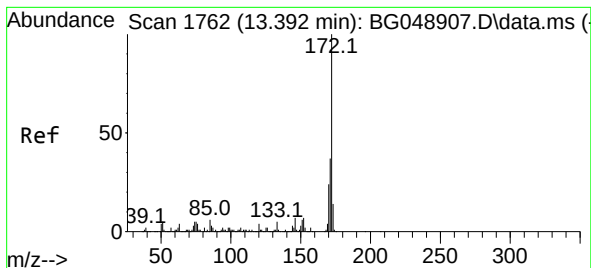


#42
2,4,6-Tribromophenol
Concen: 72.380 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45



Tgt Ion:330 Resp: 128671
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 35.2 35.6 53.4#

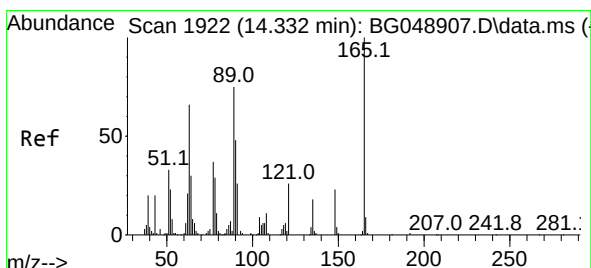
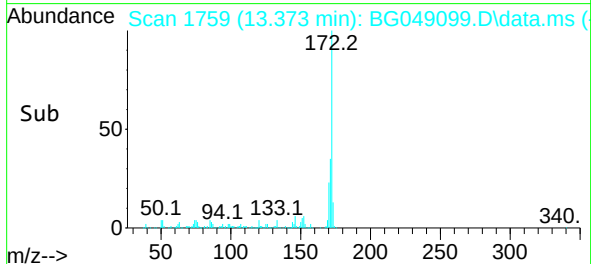
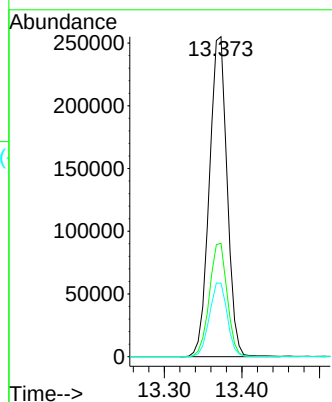
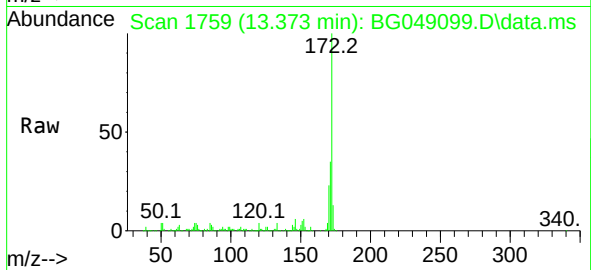




#45
2-Fluorobiphenyl
Concen: 47.820 ng
RT: 13.373 min Scan# 1759
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

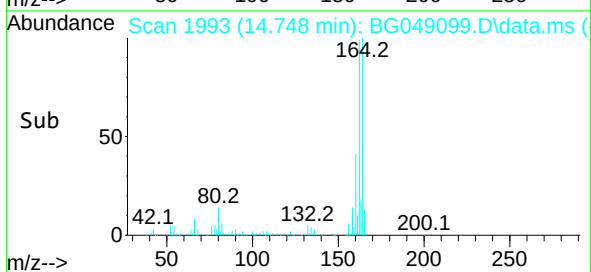
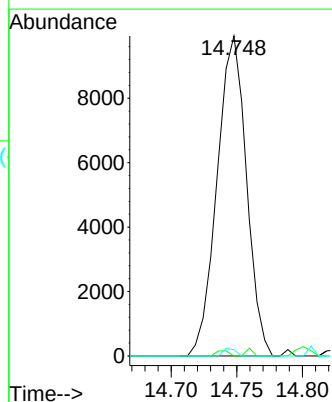
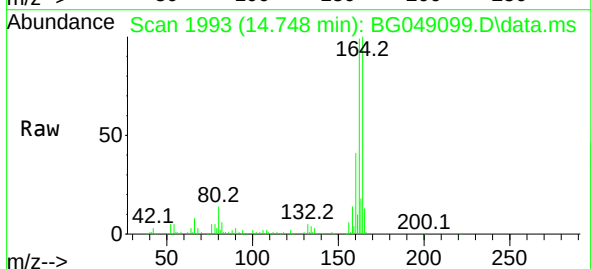
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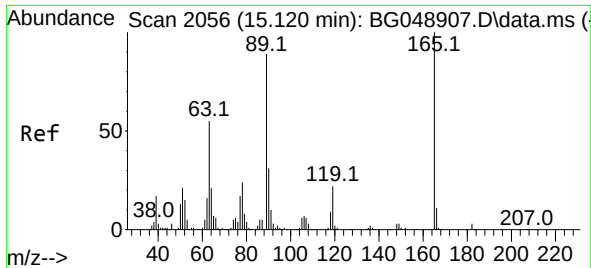
Tgt Ion:172 Resp: 406179
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.121 ng
RT: 14.748 min Scan# 1993
Delta R.T. 0.432 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:165 Resp: 15458
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 1.9 63.4 95.0#

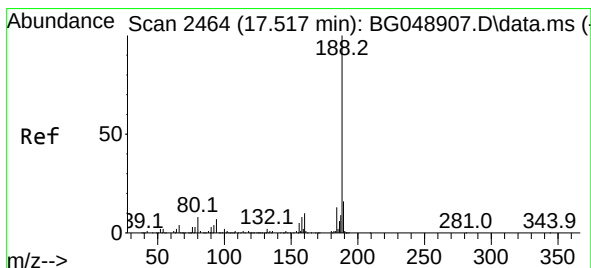
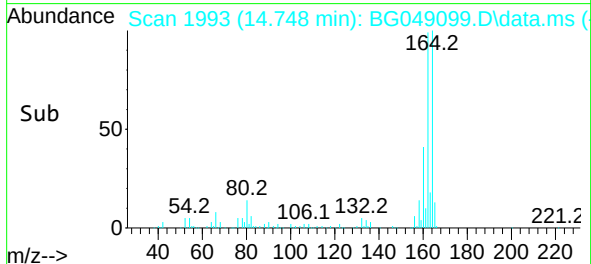
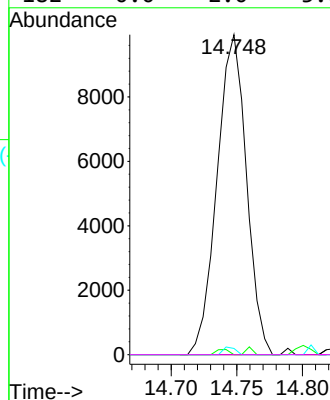
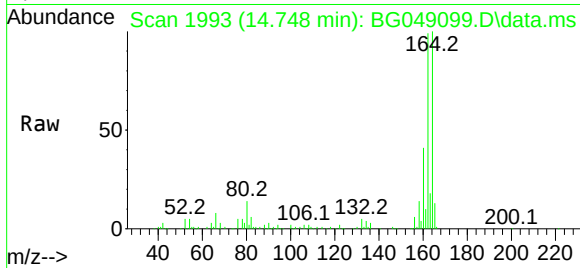




#57
2,4-Dinitrotoluene
Concen: 6.612 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.355 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

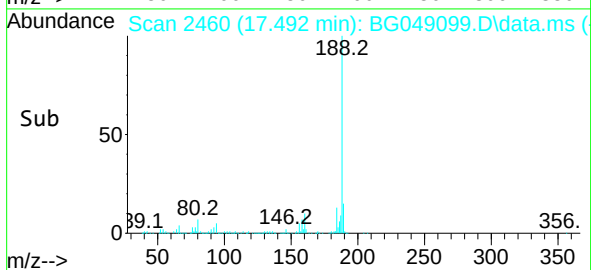
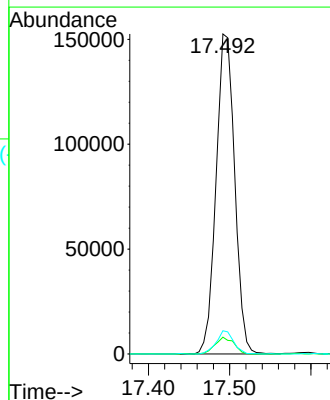
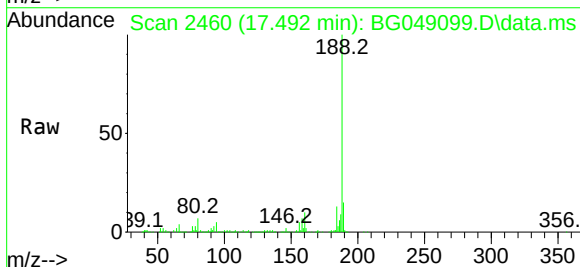
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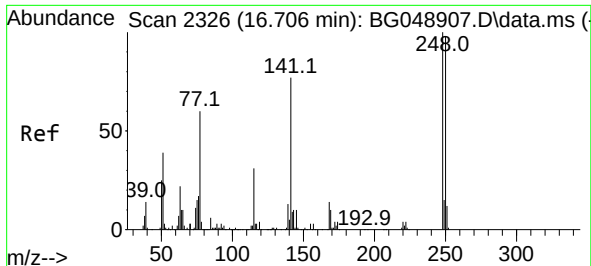
Tgt Ion:165 Resp: 15458
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:188 Resp: 243275
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 7.3 3.7 5.5#

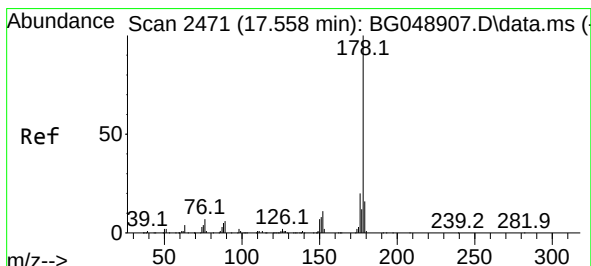
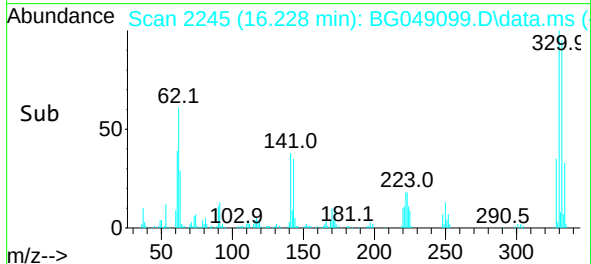
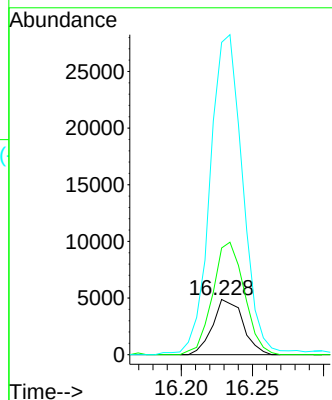
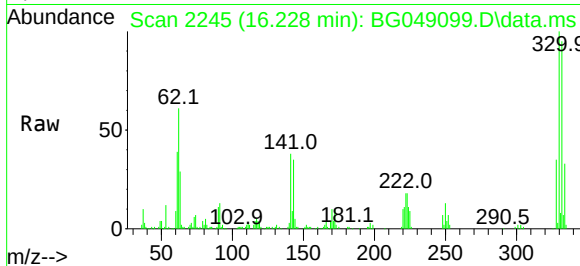




#67
4-Bromophenyl-phenylether
Concen: 2.394 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.455 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

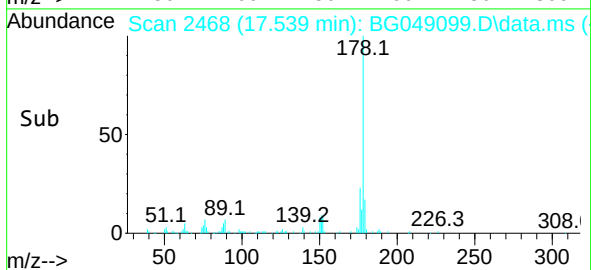
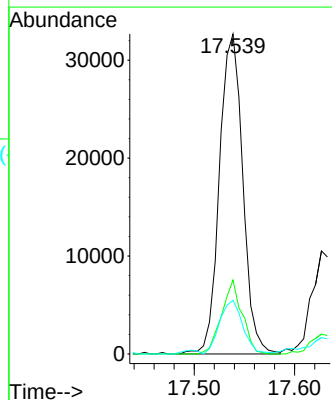
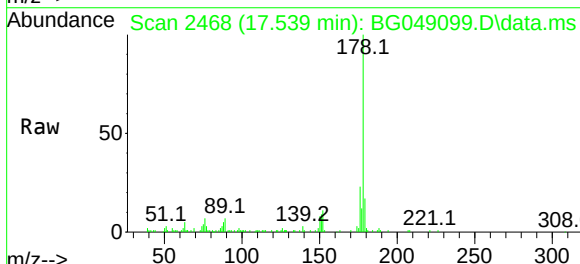
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

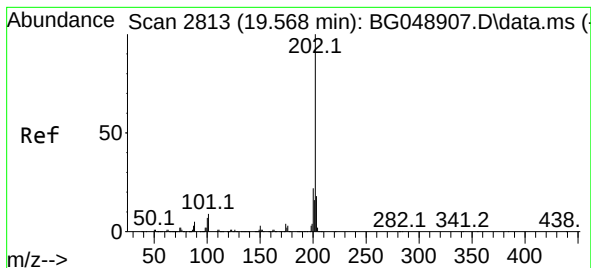
Tgt Ion:248 Resp: 7273
Ion Ratio Lower Upper
248 100
250 193.4 76.1 114.1#
141 566.2 65.4 98.2#



#71
Phenanthrene
Concen: 3.849 ng
RT: 17.539 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:178 Resp: 52684
Ion Ratio Lower Upper
178 100
176 23.1 16.0 24.0
179 16.8 14.2 21.4

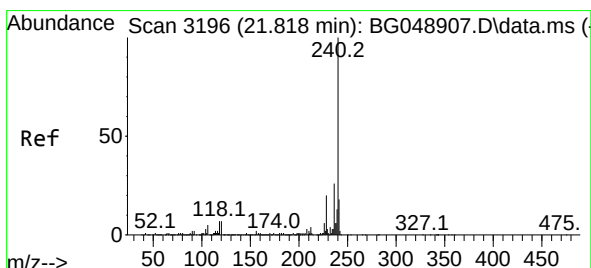
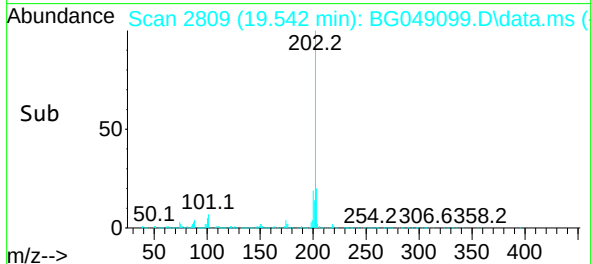
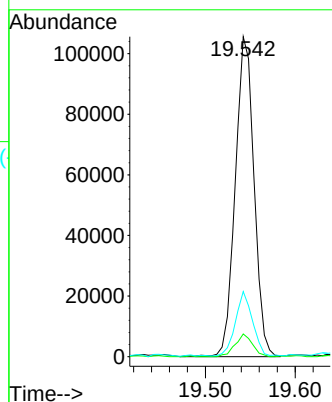
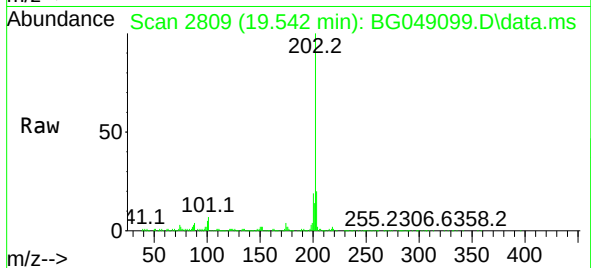




#75
Fluoranthene
Concen: 9.285 ng
RT: 19.542 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

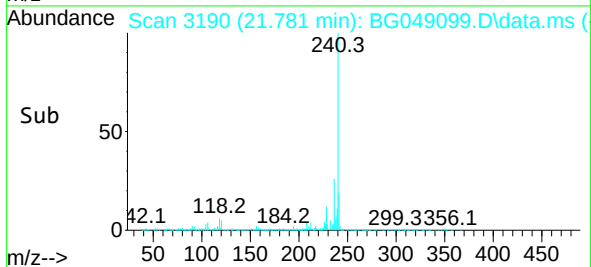
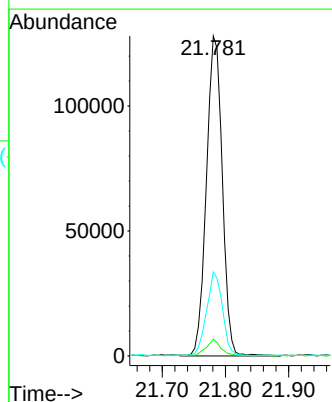
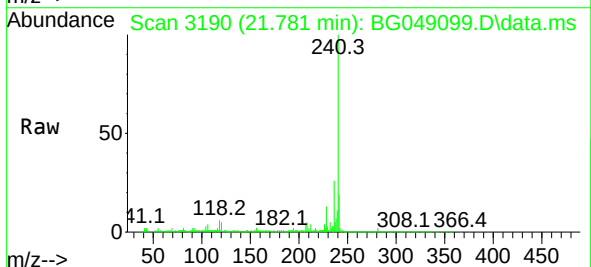
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

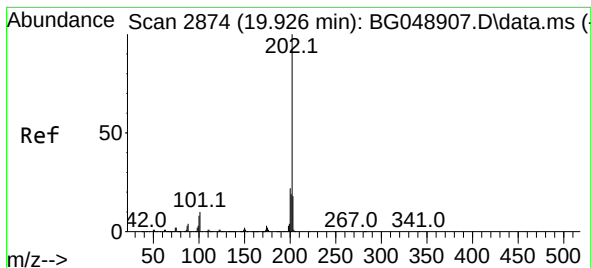
Tgt Ion:202 Resp: 153259
Ion Ratio Lower Upper
202 100
101 7.1 0.0 24.7
203 20.4 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.781 min Scan# 3190
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:240 Resp: 223548
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 26.2 21.8 32.6





#78

Pyrene

Concen: 9.082 ng

RT: 19.906 min Scan# 2871

Delta R.T. -0.003 min

Lab File: BG049099.D

Acq: 25 Jun 2021 20:45

Tgt Ion:202 Resp: 147365

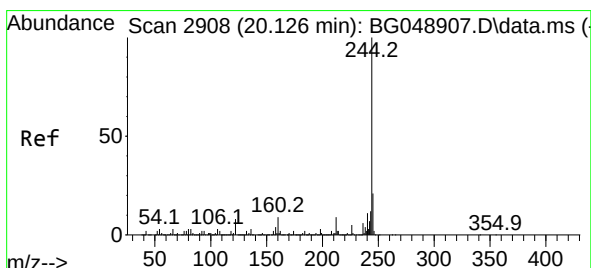
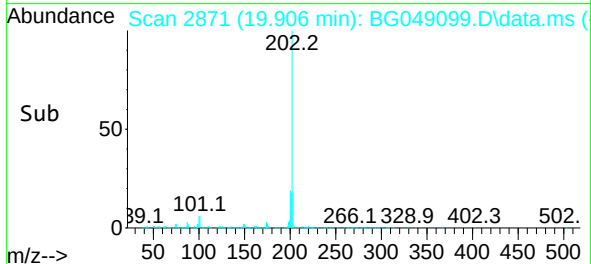
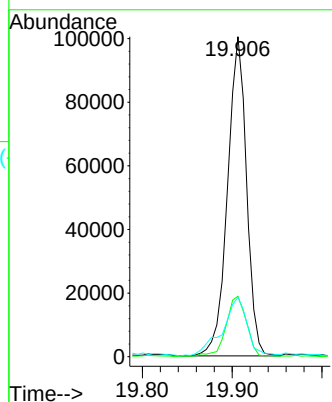
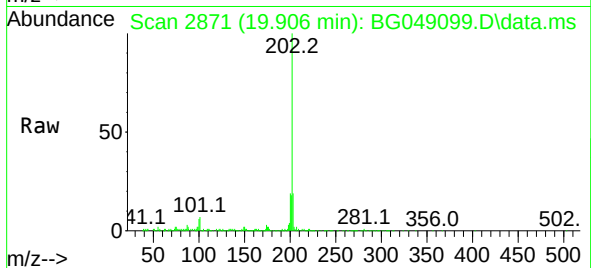
Ion	Ratio	Lower	Upper
202	100		
200	18.9	15.8	23.8
203	18.5	14.6	21.8

Instrument :

BNA_G

ClientSampleId :

15B-STOCKPILE-3A



#79

Terphenyl-d14

Concen: 47.568 ng

RT: 20.100 min Scan# 2904

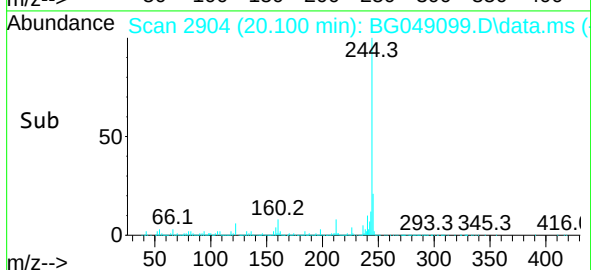
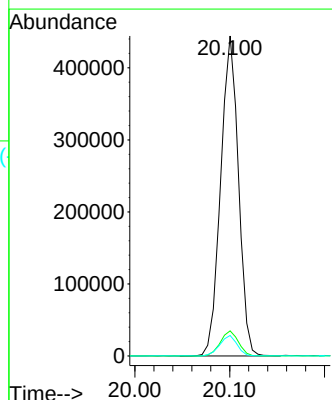
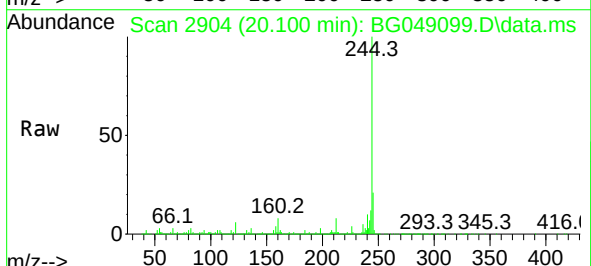
Delta R.T. -0.003 min

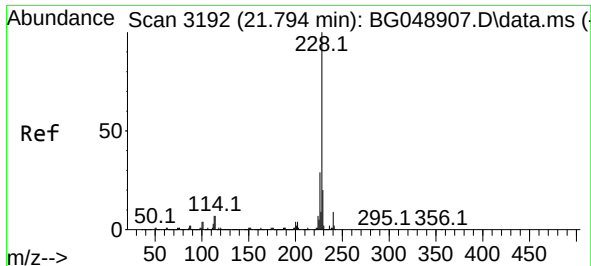
Lab File: BG049099.D

Acq: 25 Jun 2021 20:45

Tgt Ion:244 Resp: 580625

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	6.4	5.0	7.6

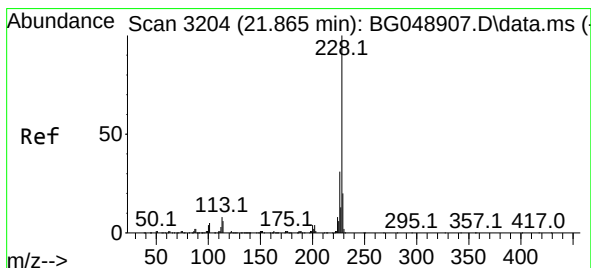
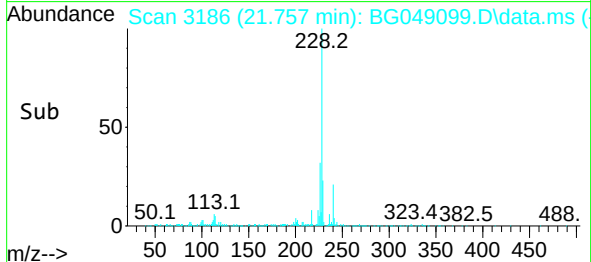
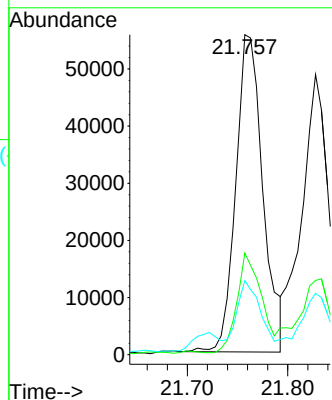
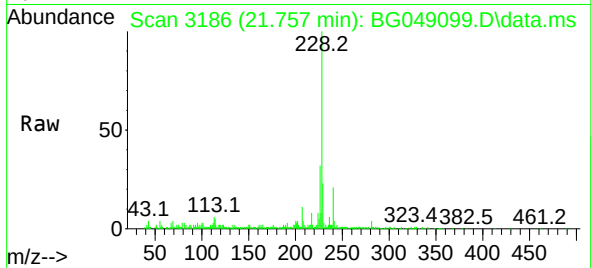




#81
Benzo(a)anthracene
Concen: 6.503 ng
RT: 21.757 min Scan# 3186
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

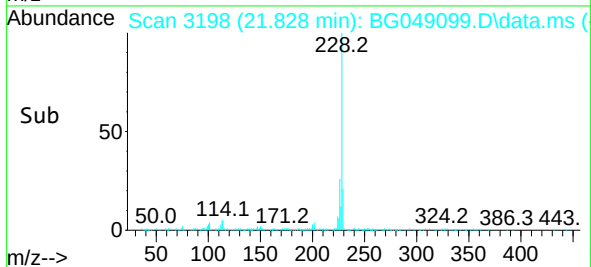
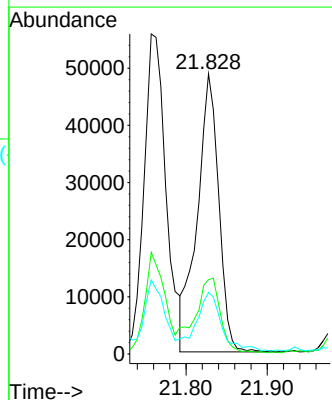
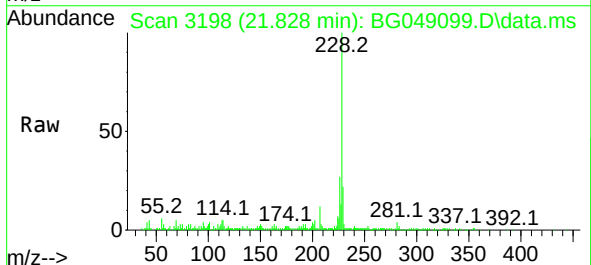
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

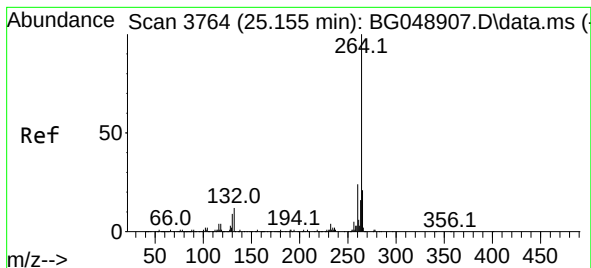
Tgt Ion:228 Resp: 104373
Ion Ratio Lower Upper
228 100
226 31.7 22.7 34.1
229 23.1 16.0 24.0



#83
Chrysene
Concen: 5.821 ng
RT: 21.828 min Scan# 3198
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:228 Resp: 89589
Ion Ratio Lower Upper
228 100
226 26.5 23.1 34.7
229 21.9 15.3 22.9

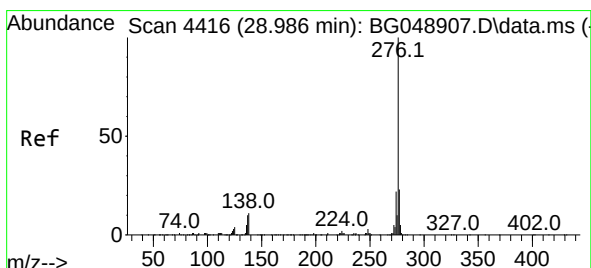
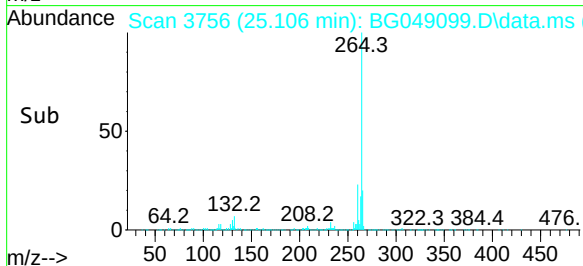
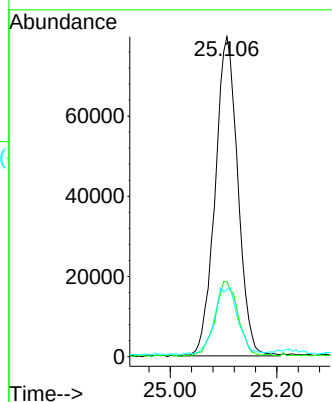
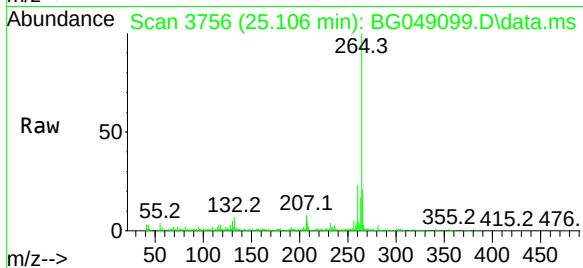




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.106 min Scan# 3756
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

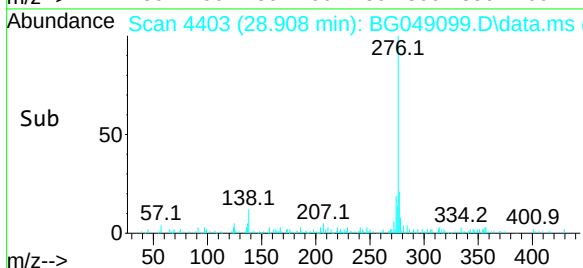
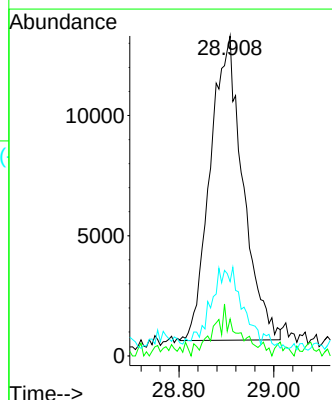
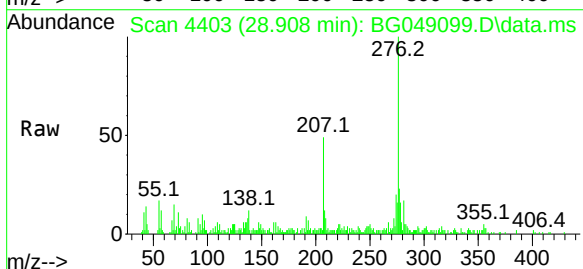
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

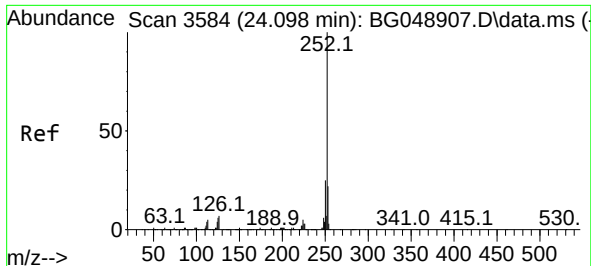
Tgt Ion:264 Resp: 235571
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.0 16.9 25.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.426 ng
RT: 28.908 min Scan# 4403
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:276 Resp: 60747
Ion Ratio Lower Upper
276 100
138 5.0 5.1 7.7#
277 23.5 19.8 29.6

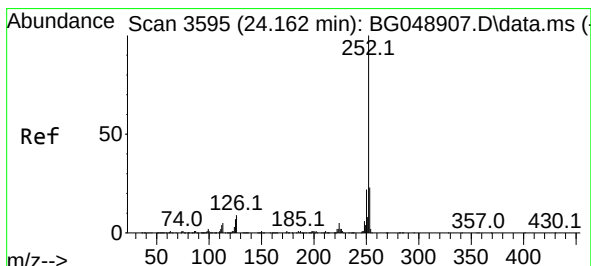
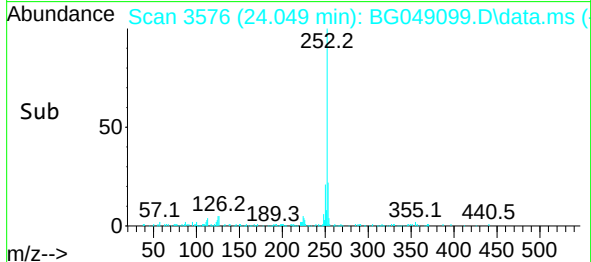
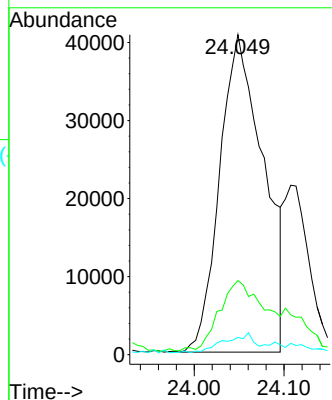
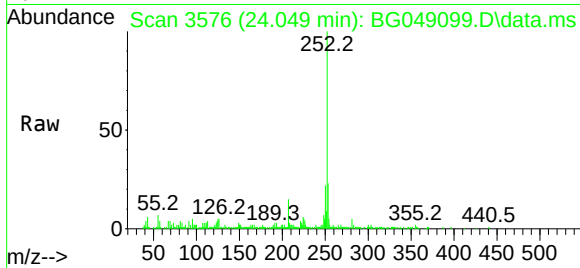




#88
Benzo(b)fluoranthene
Concen: 8.204 ng
RT: 24.049 min Scan# 3576
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

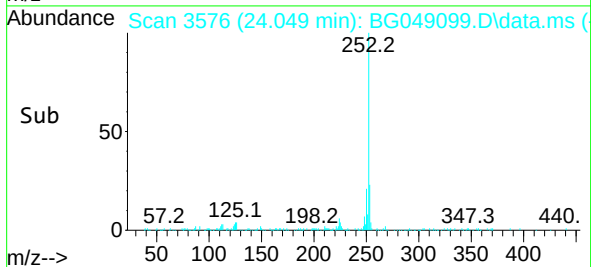
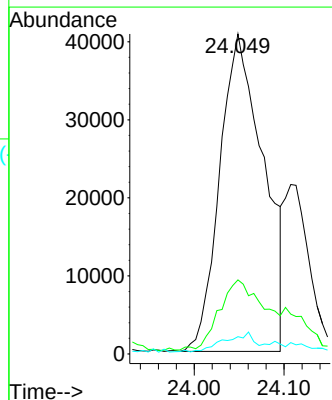
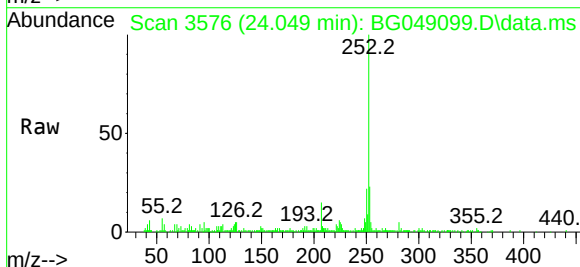
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

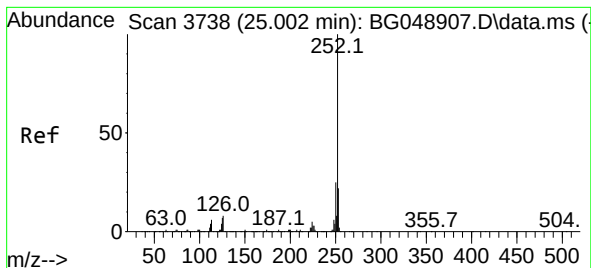
Tgt Ion:252 Resp: 137778
Ion Ratio Lower Upper
252 100
253 23.1 16.2 24.4
125 5.4 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 8.647 ng
RT: 24.049 min Scan# 3576
Delta R.T. -0.079 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:252 Resp: 137778
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 5.4 3.1 4.7#

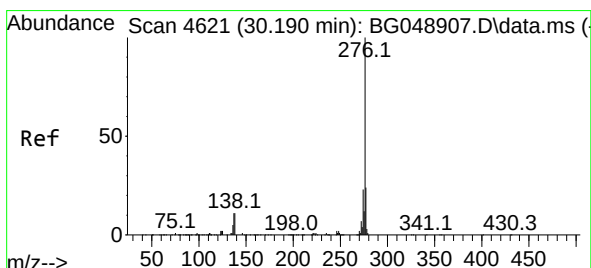
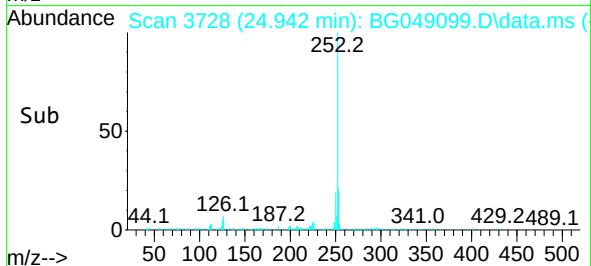
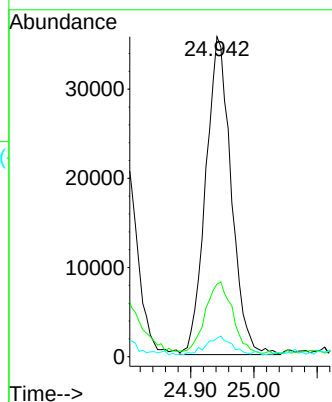
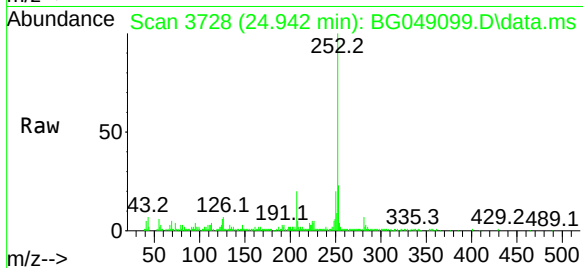




#90
Benzo(a)pyrene
Concen: 6.508 ng
RT: 24.942 min Scan# 3728
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

Tgt Ion:252 Resp: 99756
Ion Ratio Lower Upper
252 100
253 22.6 16.6 25.0
125 5.8 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 3.691 ng
RT: 30.089 min Scan# 4604
Delta R.T. -0.020 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:276 Resp: 55148
Ion Ratio Lower Upper
276 100
277 29.2 18.4 27.6#
138 10.8 7.0 10.6#

