

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054962.D
 Acq On : 15 Sep 2022 18:58
 Operator : CG/JU
 Sample : N4644-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-091422

Quant Time: Sep 16 05:31:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

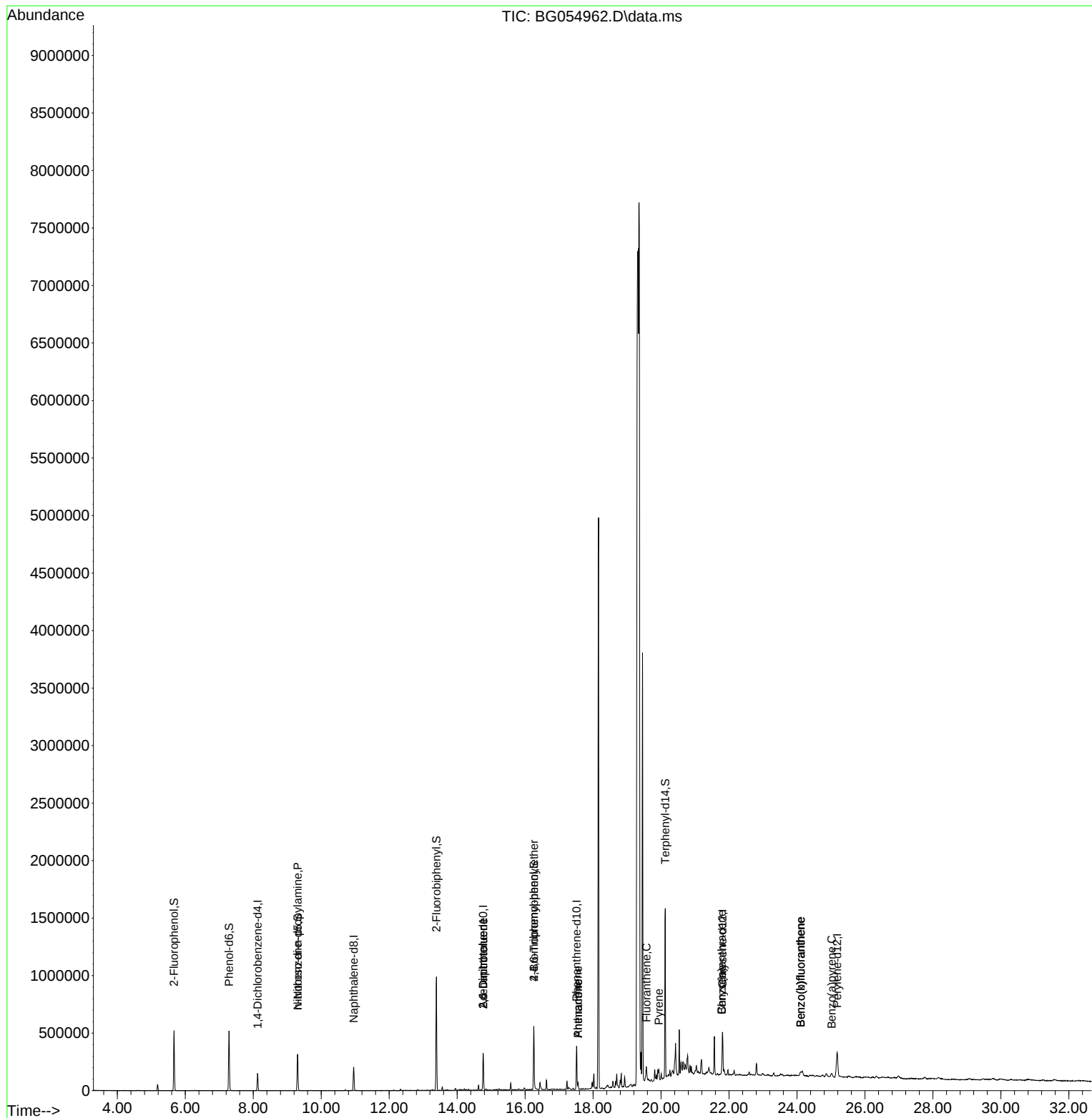
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	47442	20.000	ng	0.00
21) Naphthalene-d8	10.957	136	190632	20.000	ng	# 0.00
39) Acenaphthene-d10	14.765	164	118973	20.000	ng	0.00
64) Phenanthrene-d10	17.514	188	243290	20.000	ng	0.00
76) Chrysene-d12	21.809	240	235199	20.000	ng	0.00
86) Perylene-d12	25.182	264	253303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	264142	96.953	ng	0.00
7) Phenol-d6	7.285	99	353507	94.879	ng	0.00
23) Nitrobenzene-d5	9.306	82	211572	58.263	ng	0.00
42) 2,4,6-Tribromophenol	16.257	330	137567	92.535	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	539175	68.115	ng	0.00
79) Terphenyl-d14	20.123	244	750698	63.241	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.306	70	26518	10.350	ng	# 75
51) 2,6-Dinitrotoluene	14.765	165	16624	8.867	ng	# 20
57) 2,4-Dinitrotoluene	14.765	165	16624	6.411	ng	# 18
67) 4-Bromophenyl-phenylether	16.257	248	8181	3.063	ng	# 1
71) Phenanthrene	17.555	178	36411	2.809	ng	98
72) Anthracene	17.555	178	36411	2.890	ng	98
75) Fluoranthene	19.571	202	58285	3.697	ng	97
78) Pyrene	19.935	202	59352	3.619	ng	98
81) Benzo(a)anthracene	21.792	228	32730	2.052	ng	# 95
83) Chrysene	21.792	228	32730	2.147	ng	94
88) Benzo(b)fluoranthene	24.107	252	45641	2.872	ng	# 89
89) Benzo(k)fluoranthene	24.107	252	45641	2.854	ng	# 89
90) Benzo(a)pyrene	25.017	252	32263	2.377	ng	# 94

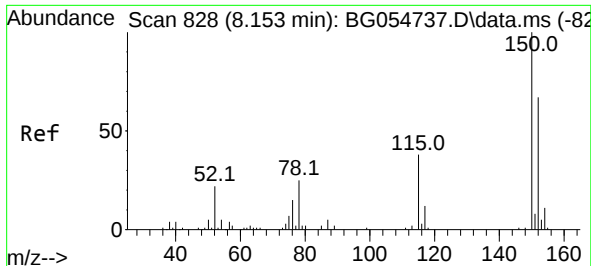
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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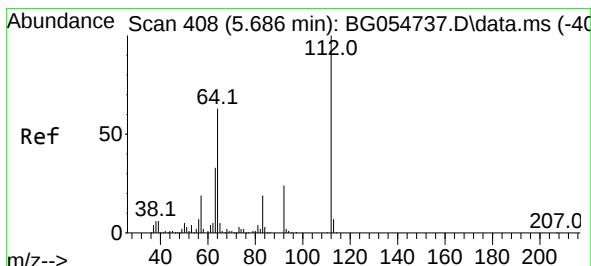
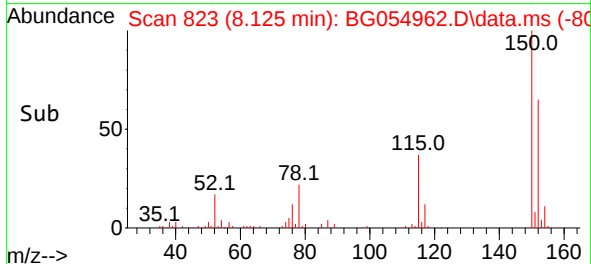
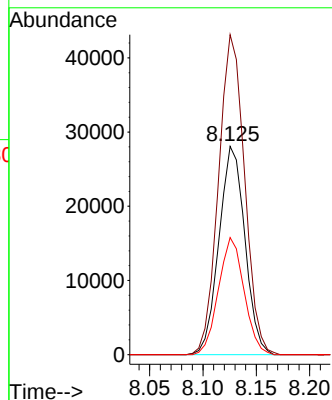
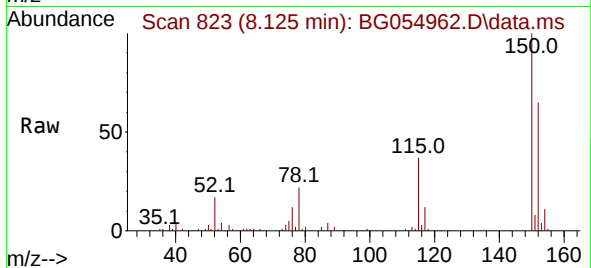




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

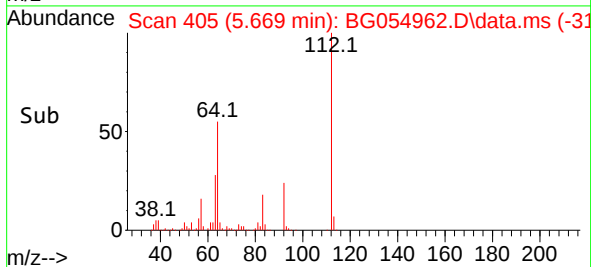
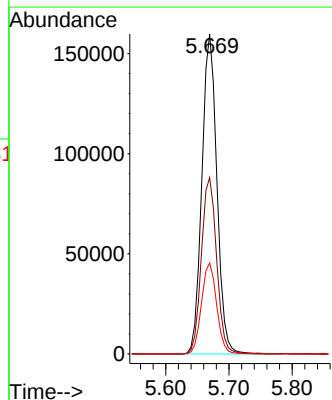
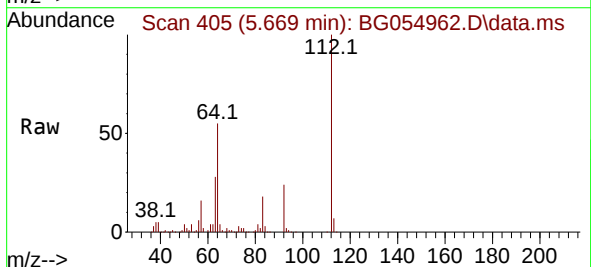
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

Tgt Ion:152 Resp: 47442
Ion Ratio Lower Upper
152 100
150 153.6 125.2 187.8
115 56.2 47.9 71.9



#5
2-Fluorophenol
Concen: 96.953 ng
RT: 5.669 min Scan# 405
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:112 Resp: 264142
Ion Ratio Lower Upper
112 100
64 55.1 49.3 73.9
63 28.4 26.3 39.5

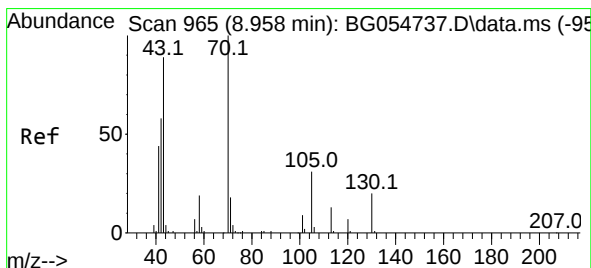
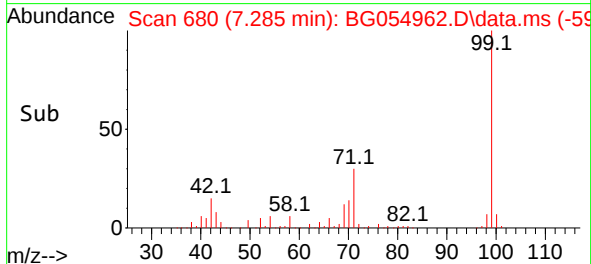
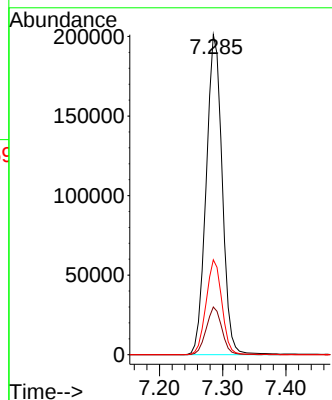
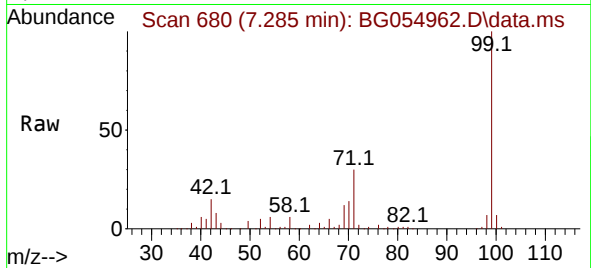




#7
Phenol-d6
Concen: 94.879 ng
RT: 7.285 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

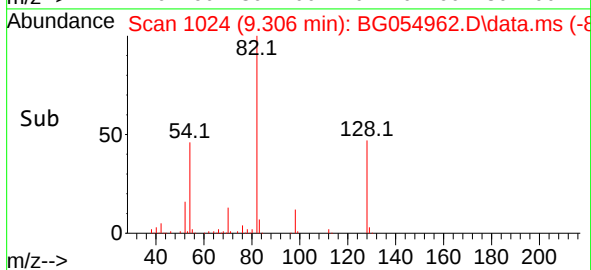
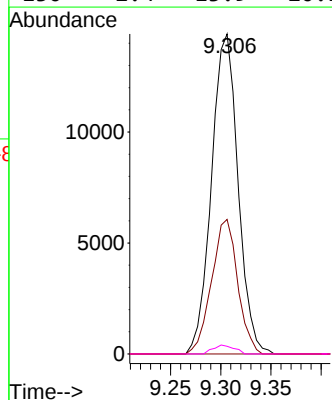
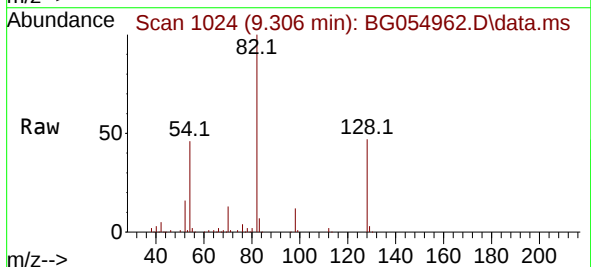
Instrument :
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ClientSampleId :
TR-6-091422

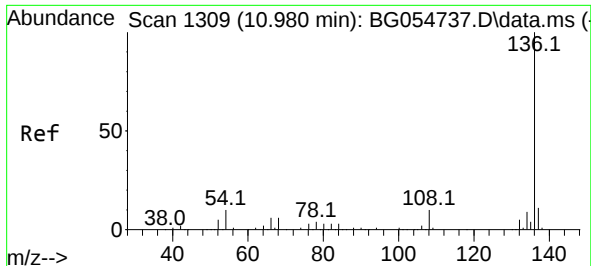
Tgt Ion: 99 Resp: 353507
Ion Ratio Lower Upper
99 100
42 14.9 14.6 22.0
71 29.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.350 ng
RT: 9.306 min Scan# 1024
Delta R.T. 0.367 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion: 70 Resp: 26518
Ion Ratio Lower Upper
70 100
42 42.1 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

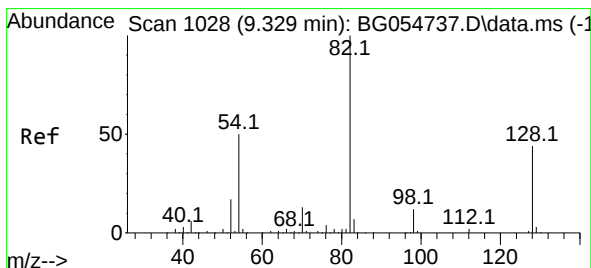
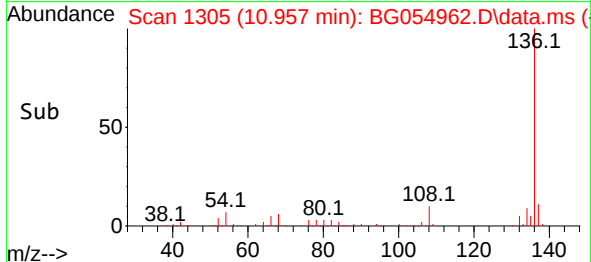
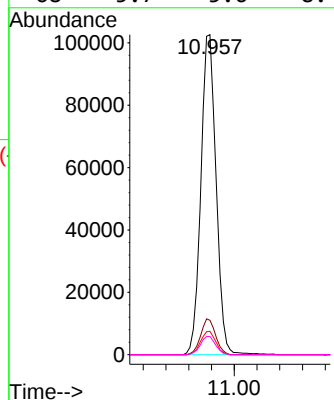
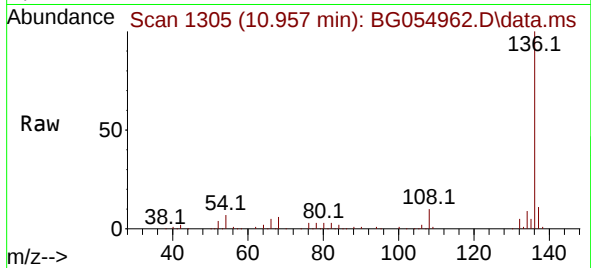




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

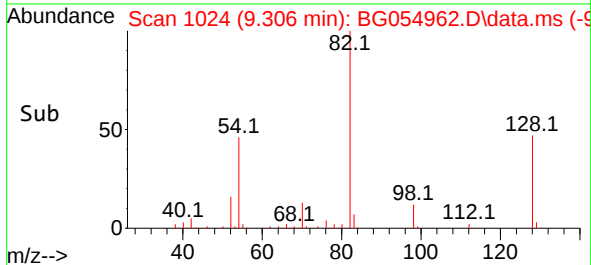
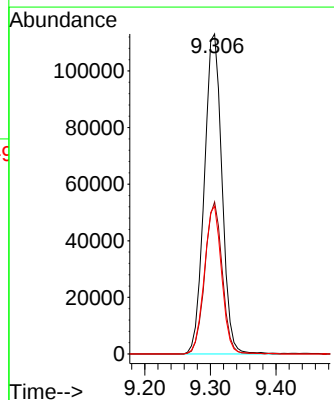
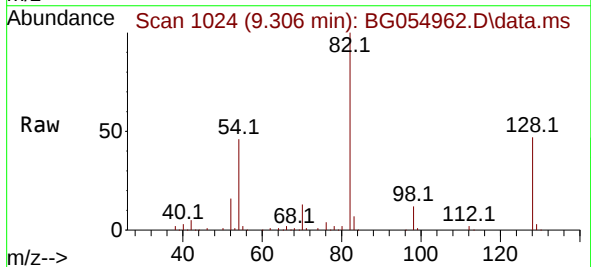
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

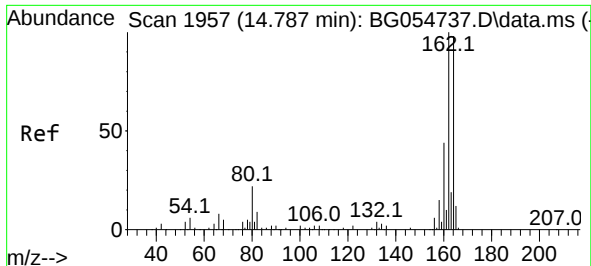
Tgt Ion:136 Resp: 190632
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.3 7.7 11.5#
68 5.7 5.6 8.4



#23
Nitrobenzene-d5
Concen: 58.263 ng
RT: 9.306 min Scan# 1024
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion: 82 Resp: 211572
Ion Ratio Lower Upper
82 100
128 47.5 32.2 48.2
54 46.2 41.4 62.0

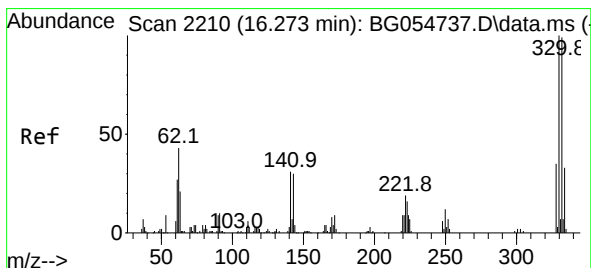
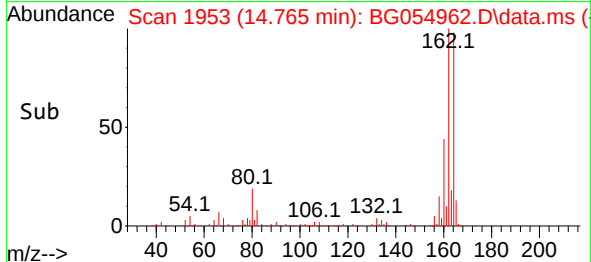
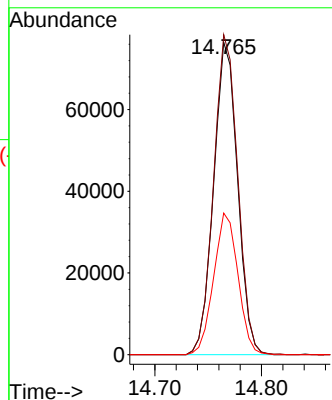
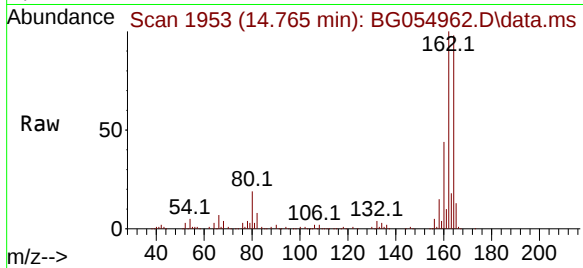




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1953
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

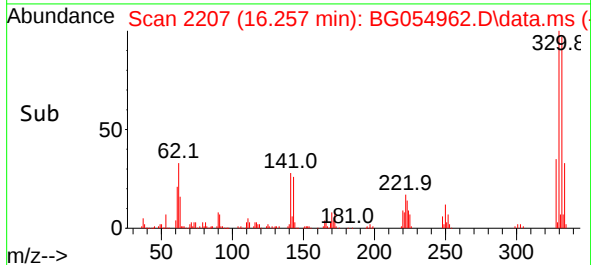
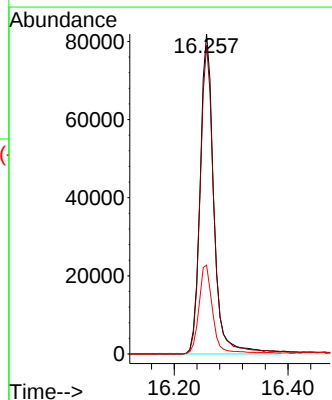
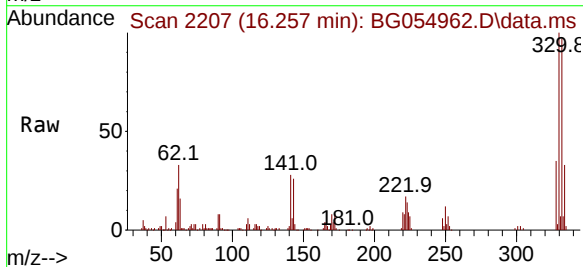
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

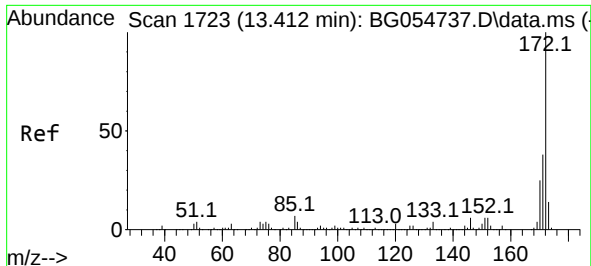
Tgt Ion:	164	Resp:	118973
Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.4
160	45.3	38.0	57.0



#42
2,4,6-Tribromophenol
Concen: 92.535 ng
RT: 16.257 min Scan# 2207
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:	330	Resp:	137567
Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.8	119.6
141	27.9	26.8	40.2

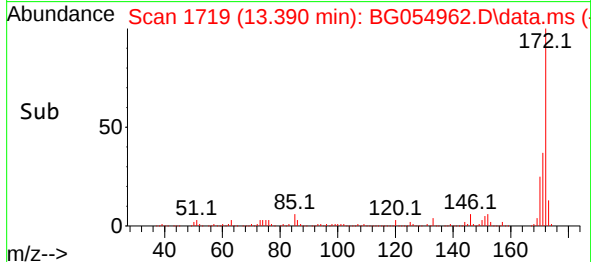
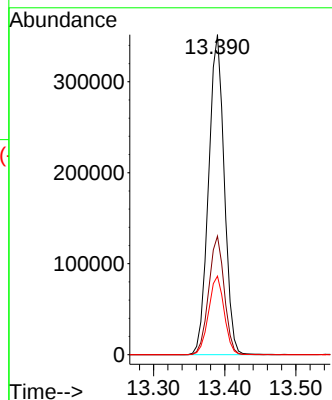
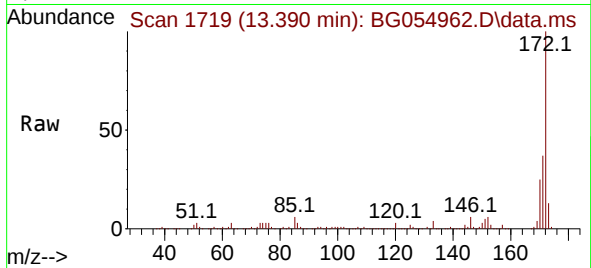




#45
2-Fluorobiphenyl
Concen: 68.115 ng
RT: 13.390 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

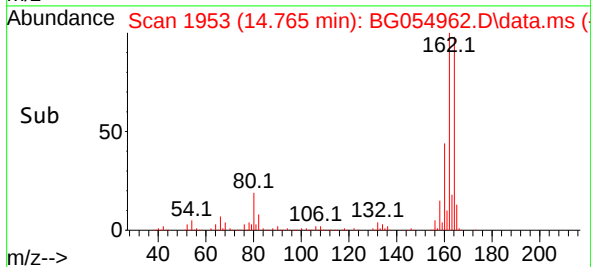
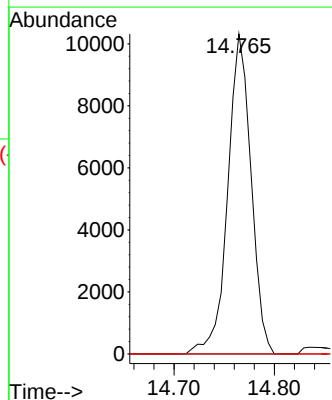
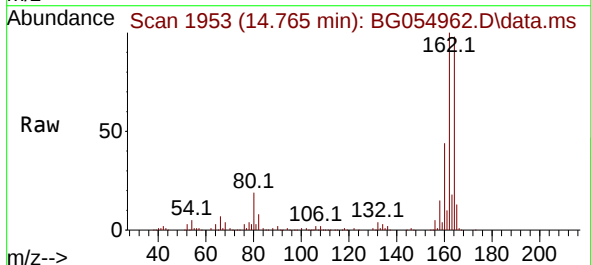
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

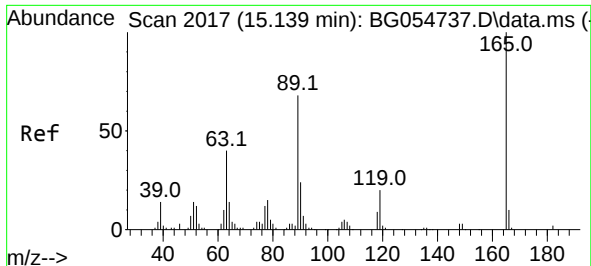
Tgt Ion:172 Resp: 539175
Ion Ratio Lower Upper
172 100
171 37.0 31.2 46.8
170 24.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.867 ng
RT: 14.765 min Scan# 1953
Delta R.T. 0.419 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:165 Resp: 16624
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.411 ng

RT: 14.765 min Scan# 1953

Delta R.T. -0.374 min

Lab File: BG054962.D

Acq: 15 Sep 2022 18:58

Instrument :

BNA_G

ClientSampleId :

TR-6-091422

Tgt Ion:165 Resp: 16624

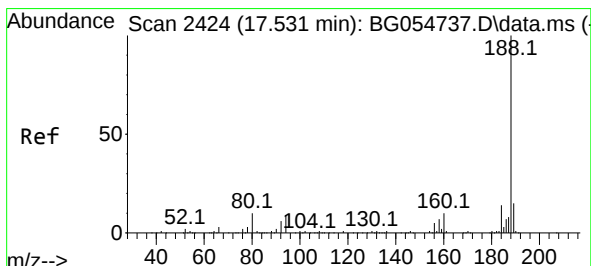
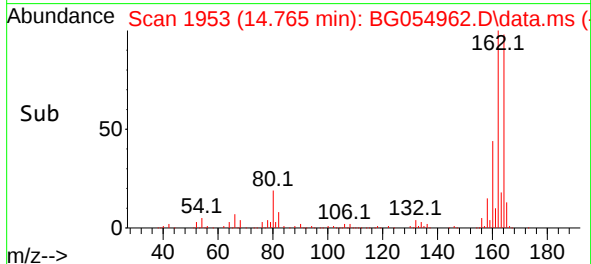
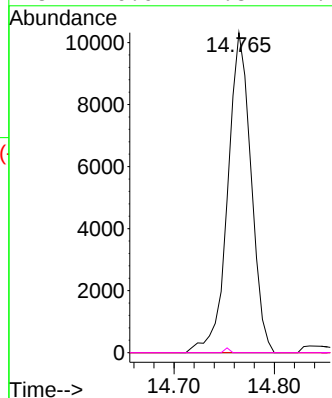
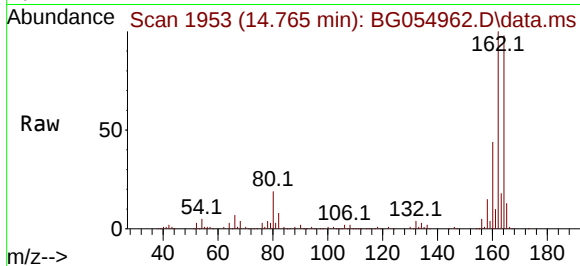
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.514 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BG054962.D

Acq: 15 Sep 2022 18:58

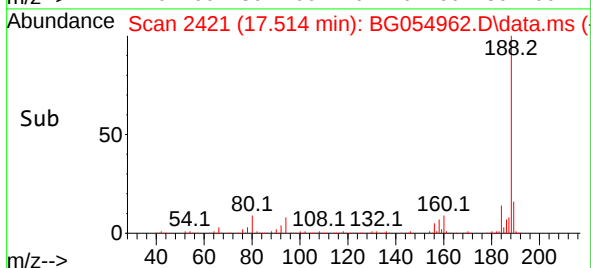
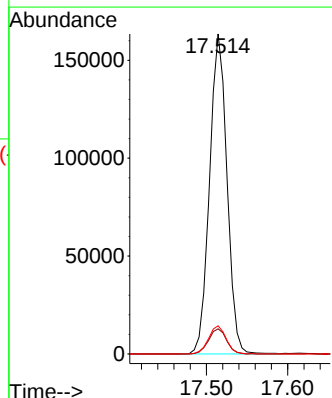
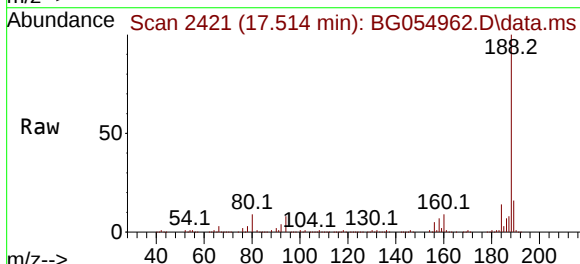
Tgt Ion:188 Resp: 243290

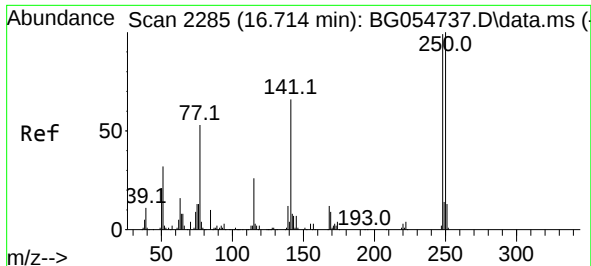
Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.8 7.9 11.9

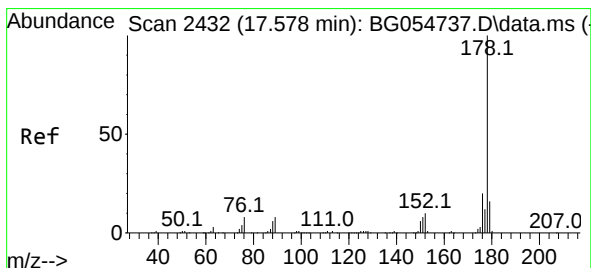
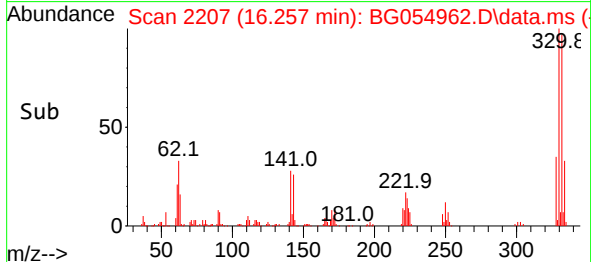
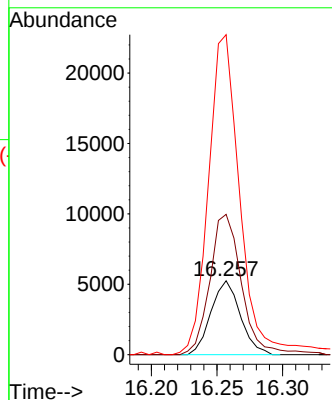
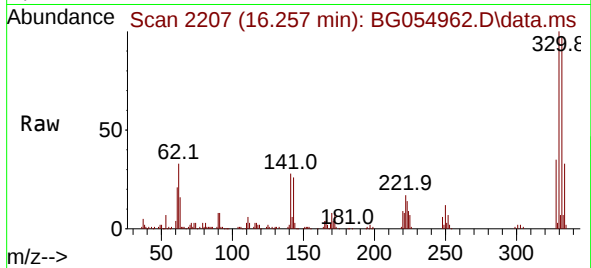




#67
4-Bromophenyl-phenylether
Concen: 3.063 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

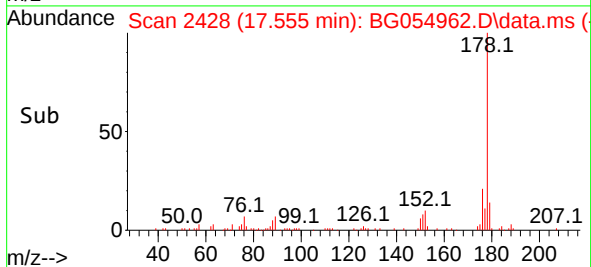
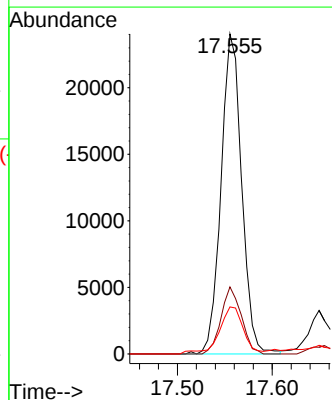
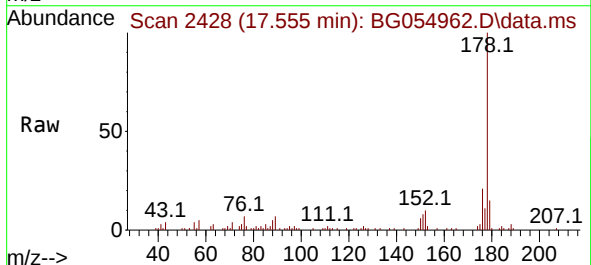
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

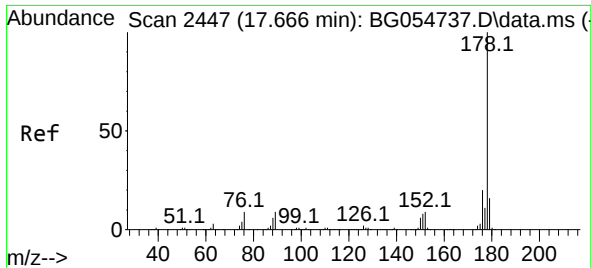
Tgt Ion:248 Resp: 8181
Ion Ratio Lower Upper
248 100
250 190.0 78.8 118.2#
141 433.3 51.9 77.9#



#71
Phenanthrene
Concen: 2.809 ng
RT: 17.555 min Scan# 2428
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:178 Resp: 36411
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 14.7 12.8 19.2

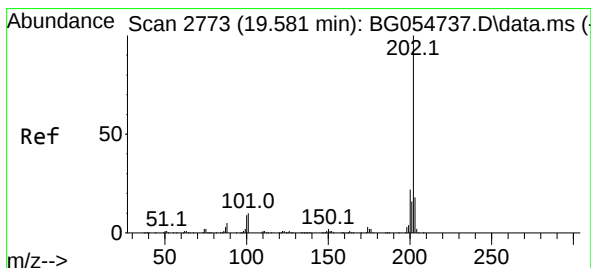
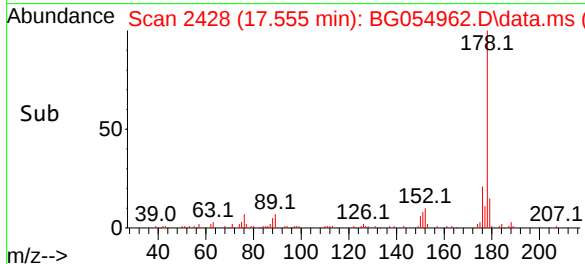
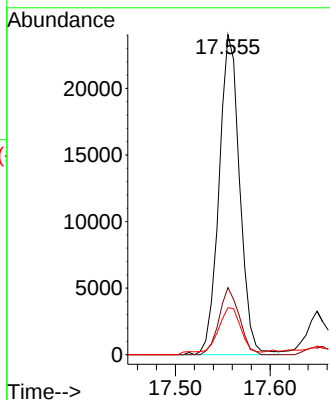
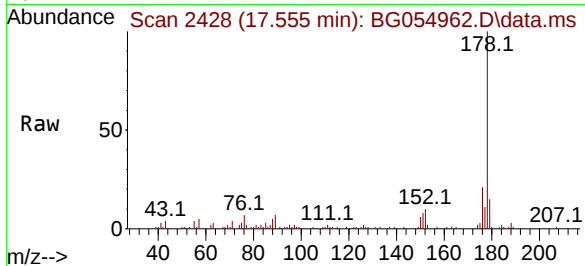




#72
 Anthracene
 Concen: 2.890 ng
 RT: 17.555 min Scan# 2447
 Delta R.T. -0.104 min
 Lab File: BG054962.D
 Acq: 15 Sep 2022 18:58

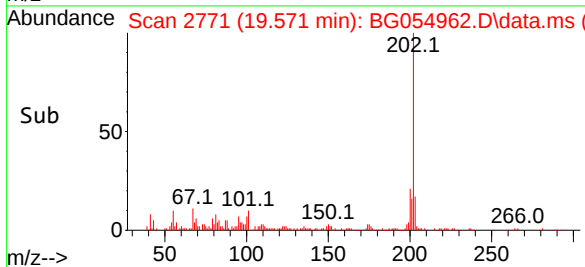
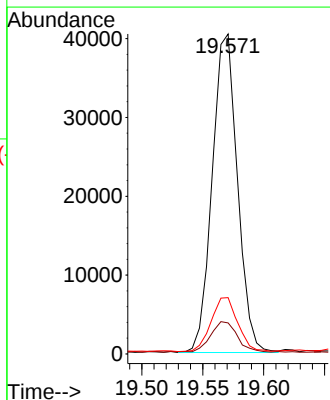
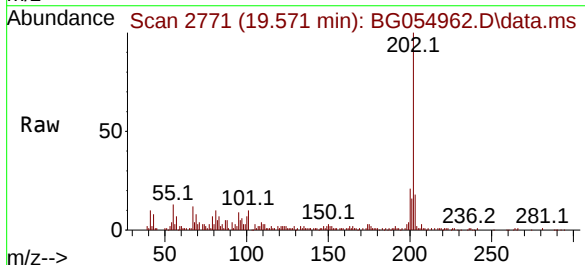
Instrument :
 BNA_G
 ClientSampleId :
 TR-6-091422

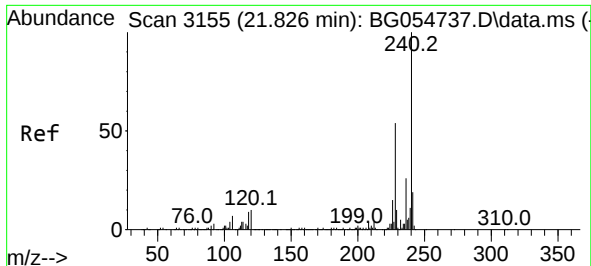
Tgt Ion:178 Resp: 36411
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.2 24.4
 179 14.7 12.9 19.3



#75
 Fluoranthene
 Concen: 3.697 ng
 RT: 19.571 min Scan# 2771
 Delta R.T. 0.002 min
 Lab File: BG054962.D
 Acq: 15 Sep 2022 18:58

Tgt Ion:202 Resp: 58285
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 31.4
 203 17.6 0.0 38.6

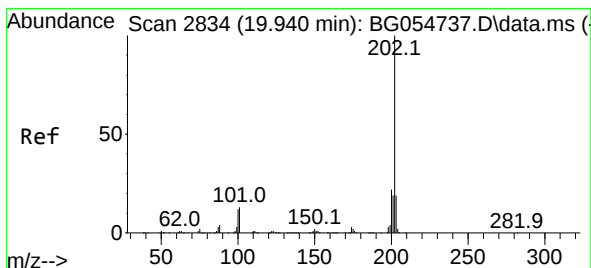
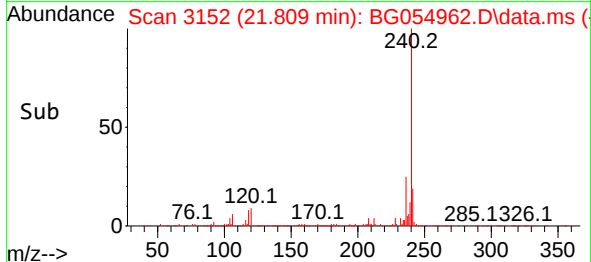
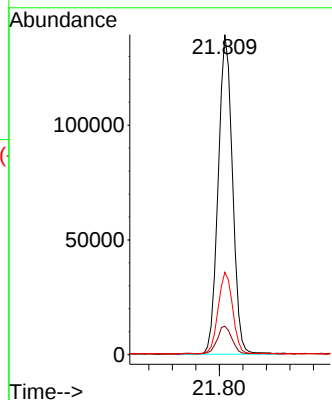
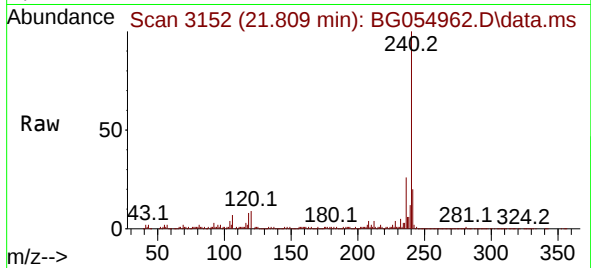




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.809 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

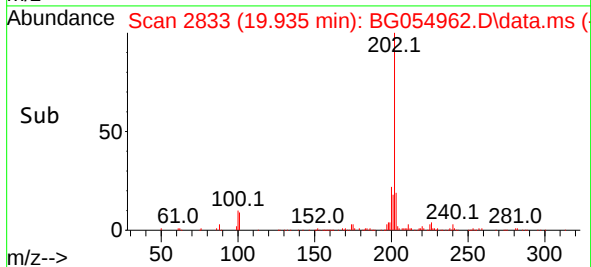
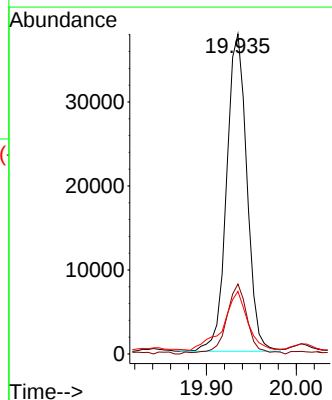
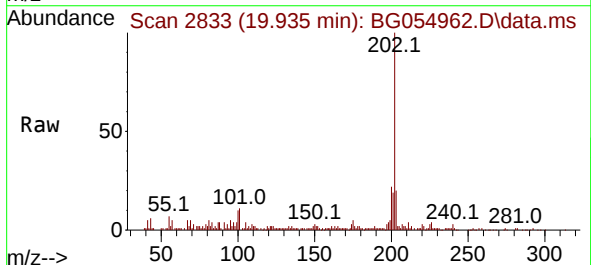
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

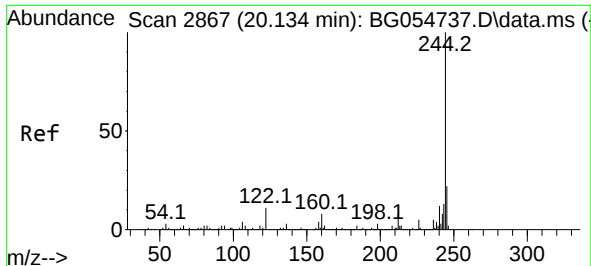
Tgt Ion:240 Resp: 235199
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 25.7 21.2 31.8



#78
Pyrene
Concen: 3.619 ng
RT: 19.935 min Scan# 2833
Delta R.T. 0.002 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:202 Resp: 59352
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 19.5 14.6 21.8

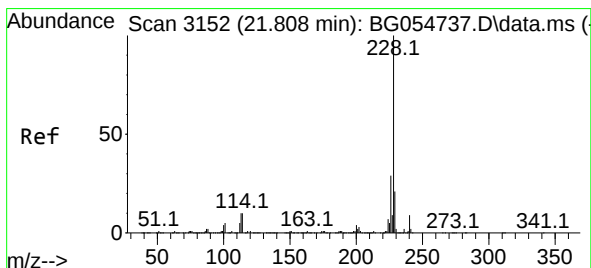
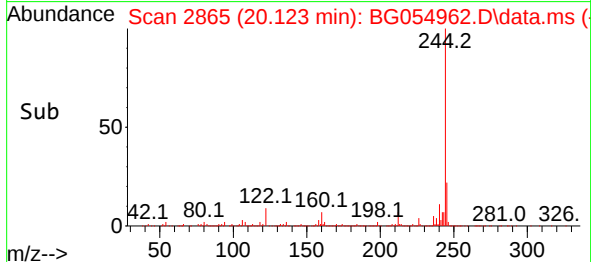
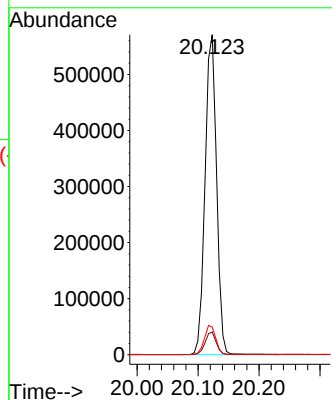
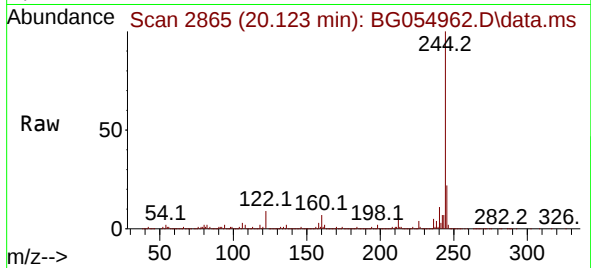




#79
 Terphenyl-d14
 Concen: 63.241 ng
 RT: 20.123 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054962.D
 Acq: 15 Sep 2022 18:58

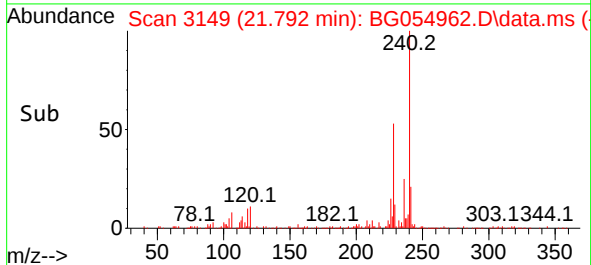
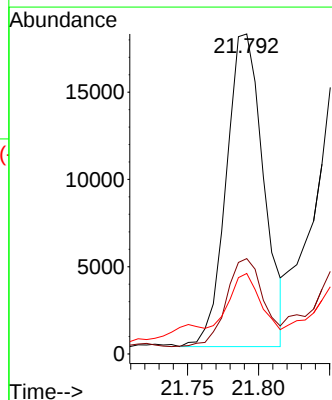
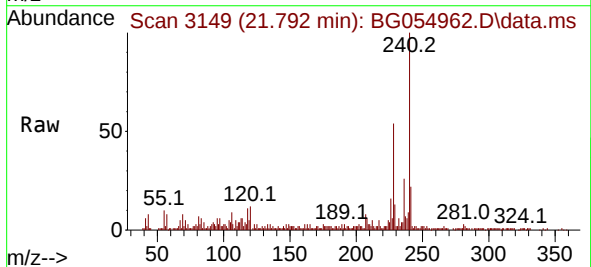
Instrument :
 BNA_G
 ClientSampleId :
 TR-6-091422

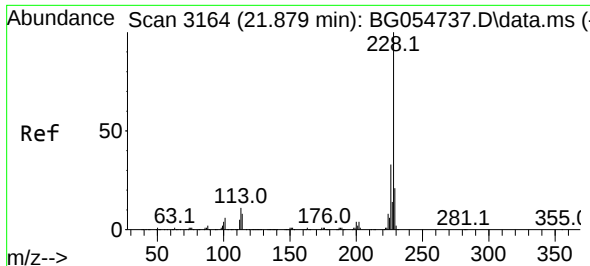
Tgt Ion:244 Resp: 750698
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.6 9.0 13.6#



#81
 Benzo(a)anthracene
 Concen: 2.052 ng
 RT: 21.792 min Scan# 3149
 Delta R.T. -0.004 min
 Lab File: BG054962.D
 Acq: 15 Sep 2022 18:58

Tgt Ion:228 Resp: 32730
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.4 35.2
 229 25.2 16.5 24.7#

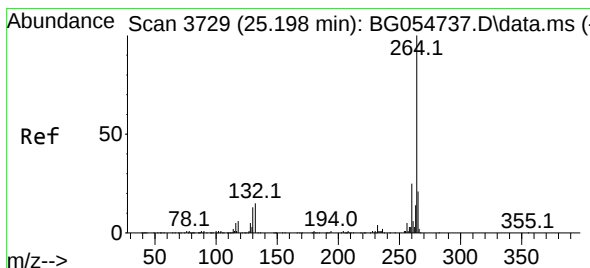
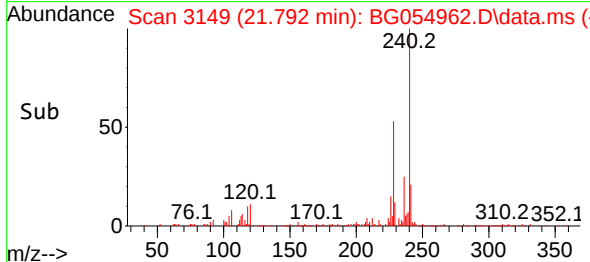
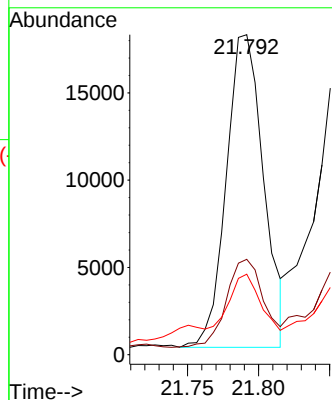
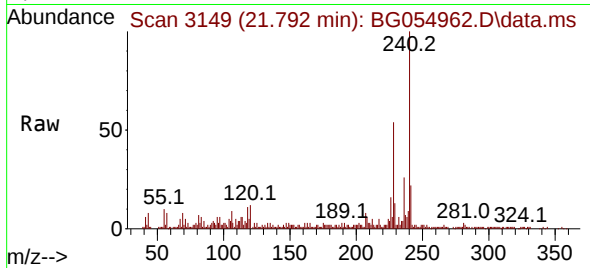




#83
Chrysene
Concen: 2.147 ng
RT: 21.792 min Scan# 31
Delta R.T. -0.074 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

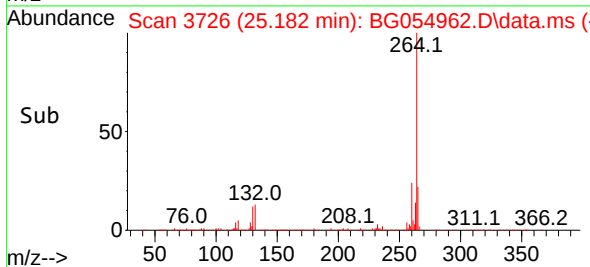
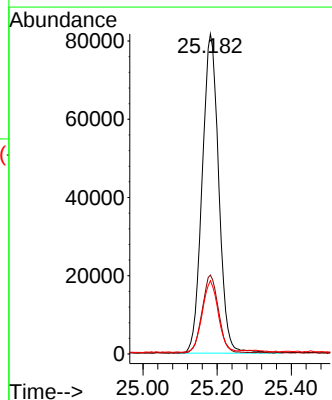
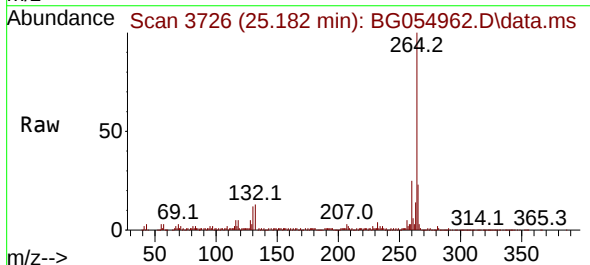
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

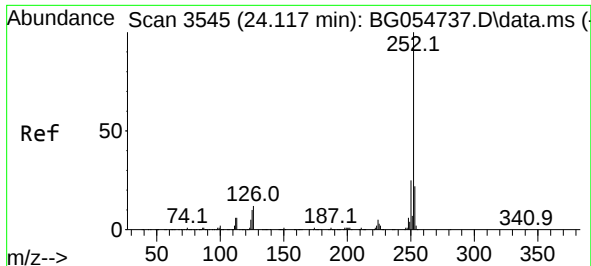
Tgt Ion:228 Resp: 32730
Ion Ratio Lower Upper
228 100
226 29.8 25.5 38.3
229 25.2 16.8 25.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.182 min Scan# 3726
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:264 Resp: 253303
Ion Ratio Lower Upper
264 100
260 24.7 19.9 29.9
265 22.9 16.9 25.3

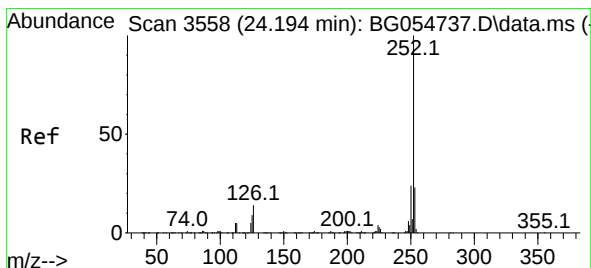
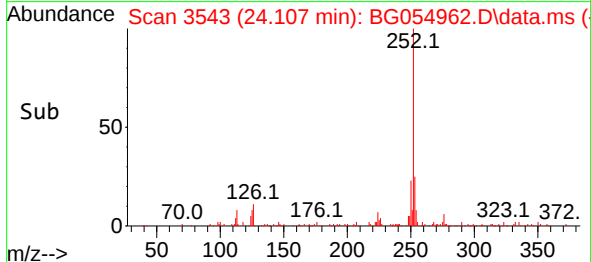
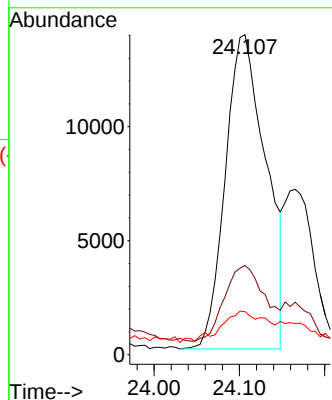
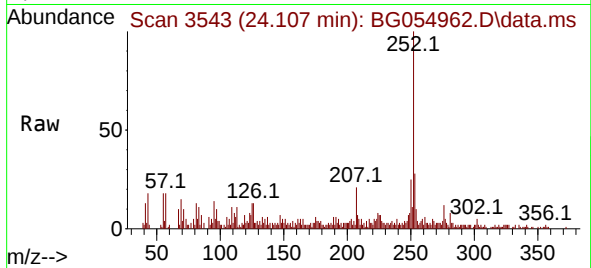




#88
Benzo(b)fluoranthene
Concen: 2.872 ng
RT: 24.107 min Scan# 3543
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

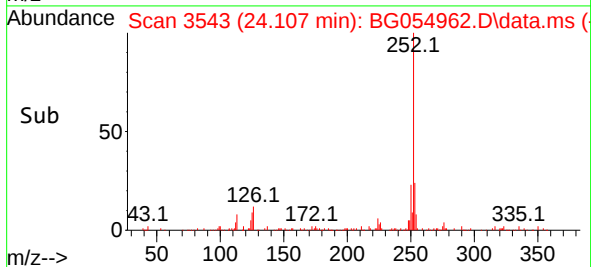
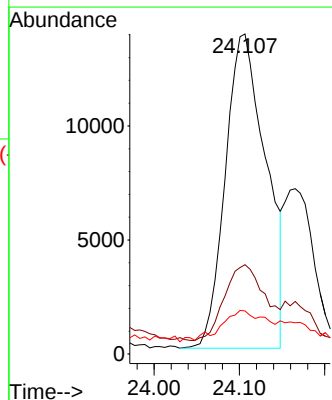
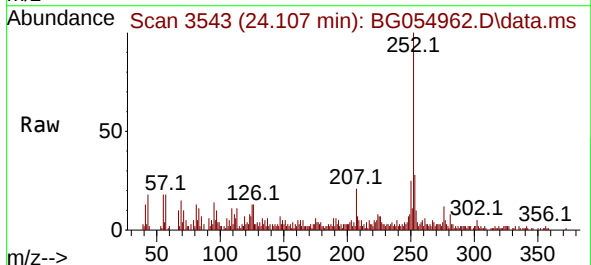
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

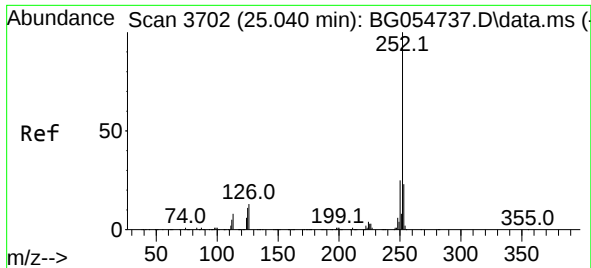
Tgt Ion:252 Resp: 45641
Ion Ratio Lower Upper
252 100
253 27.9 18.0 27.0#
125 13.5 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.854 ng
RT: 24.107 min Scan# 3543
Delta R.T. -0.074 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:252 Resp: 45641
Ion Ratio Lower Upper
252 100
253 27.9 17.8 26.8#
125 13.5 8.2 12.4#





#90
 Benzo(a)pyrene
 Concen: 2.377 ng
 RT: 25.017 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG054962.D
 Acq: 15 Sep 2022 18:58

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-091422

Tgt Ion:252 Resp: 32263
 Ion Ratio Lower Upper
 252 100
 253 25.3 18.3 27.5
 125 13.7 8.8 13.2#

