

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054288.D
 Acq On : 14 Jul 2022 20:28
 Operator : CG/JU
 Sample : N3711-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC124042

Quant Time: Jul 15 01:59:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

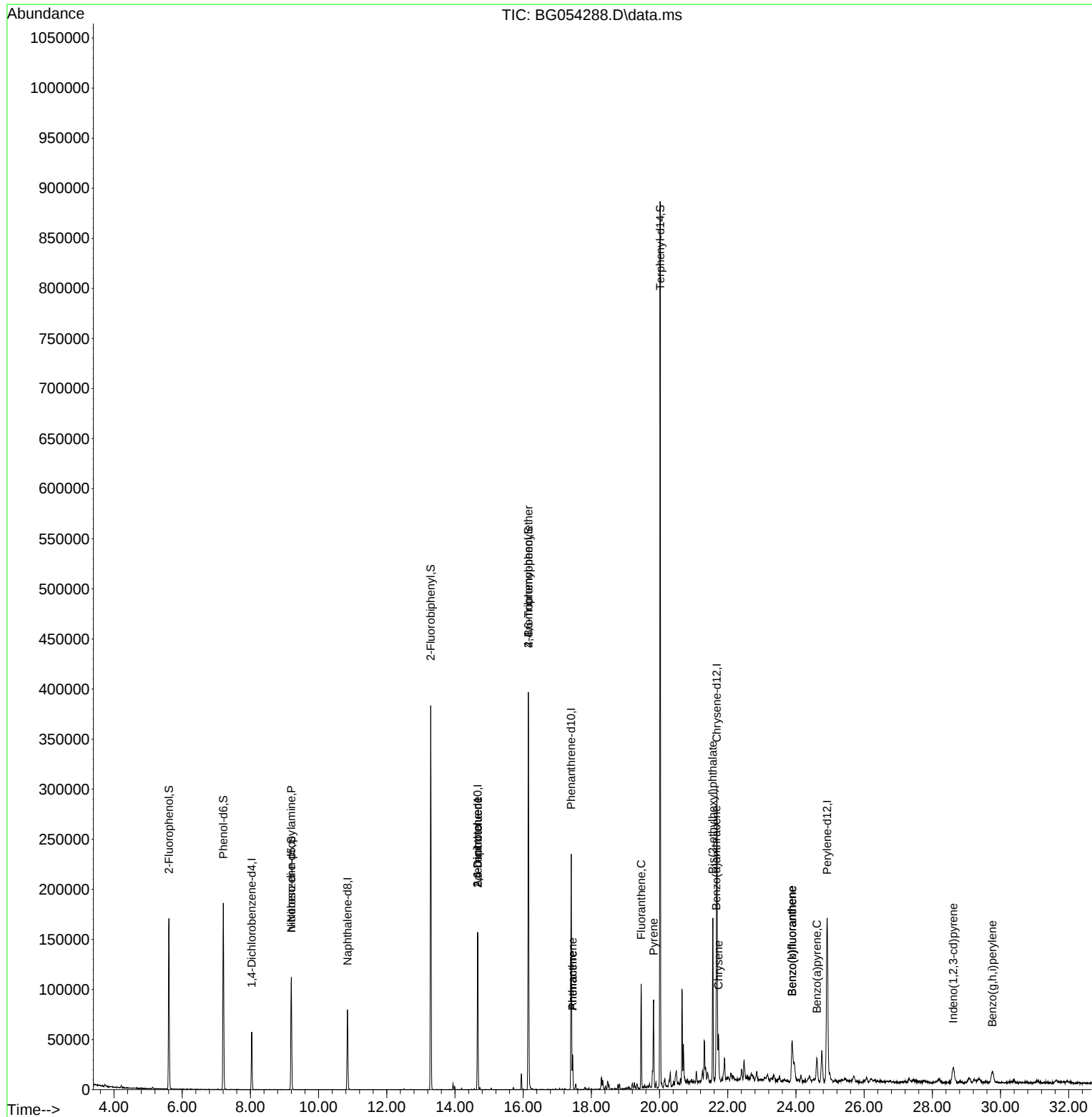
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	18275	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	74107	20.000	ng	# 0.00
39) Acenaphthene-d10	14.665	164	61914	20.000	ng	0.00
64) Phenanthrene-d10	17.408	188	169469	20.000	ng	#-0.01
76) Chrysene-d12	21.680	240	196532	20.000	ng	#-0.01
86) Perylene-d12	24.911	264	211996	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	77699	85.420	ng	0.00
7) Phenol-d6	7.203	99	106120	84.586	ng	0.00
23) Nitrobenzene-d5	9.200	82	68830	50.402	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	107382	89.535	ng	-0.01
45) 2-Fluorobiphenyl	13.290	172	222156	52.722	ng	0.00
79) Terphenyl-d14	20.017	244	509236	53.283	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.200	70	10056	11.741	ng	# 85
51) 2,6-Dinitrotoluene	14.665	165	8721	8.254	ng	# 16
57) 2,4-Dinitrotoluene	14.665	165	8721	5.700	ng	# 21
67) 4-Bromophenyl-phenylether	16.151	248	6483	2.868	ng	# 1
71) Phenanthrene	17.450	178	25908	3.056	ng	99
72) Anthracene	17.450	178	25908	3.121	ng	98
75) Fluoranthene	19.459	202	74599	6.471	ng	94
78) Pyrene	19.823	202	65089	5.755	ng	99
81) Benzo(a)anthracene	21.662	228	42552	3.423	ng	99
83) Chrysene	21.727	228	40829	3.472	ng	99
84) Bis(2-ethylhexyl)phtha...	21.562	149	76450	14.702	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.613	276	33231	2.084	ng	# 98
88) Benzo(b)fluoranthene	23.889	252	65048	5.174	ng	# 97
89) Benzo(k)fluoranthene	23.889	252	65048	5.216	ng	# 97
90) Benzo(a)pyrene	24.612	252	29331	2.727	ng	98
92) Benzo(g,h,i)perylene	29.759	276	30514	2.342	ng	# 92

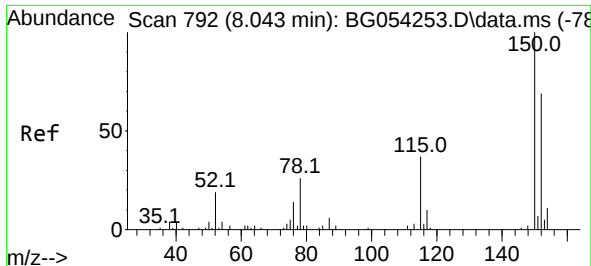
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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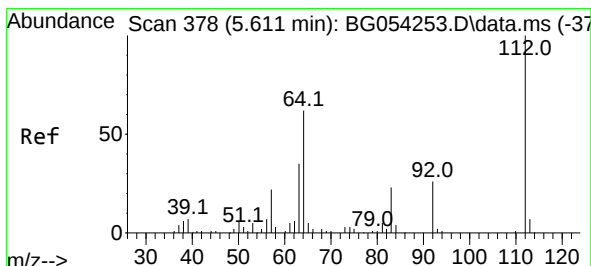
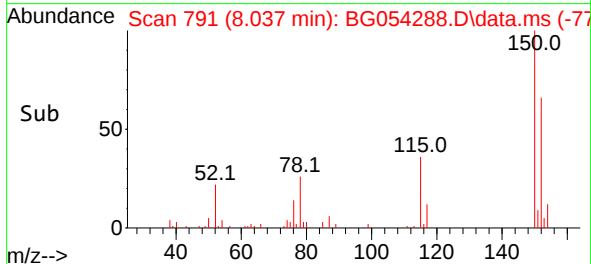
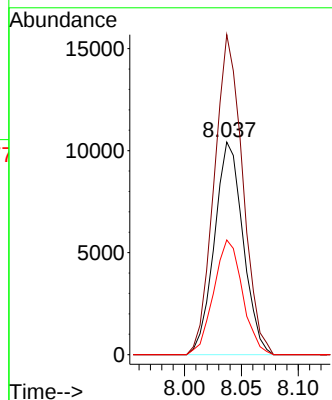
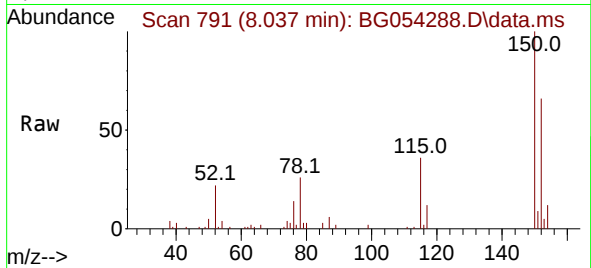




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 791
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

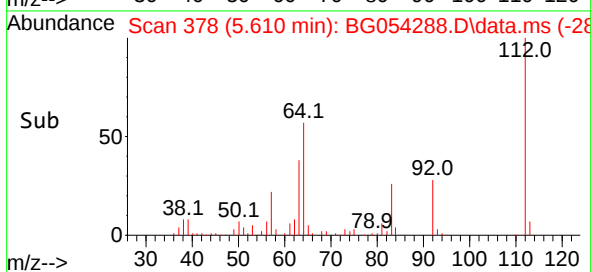
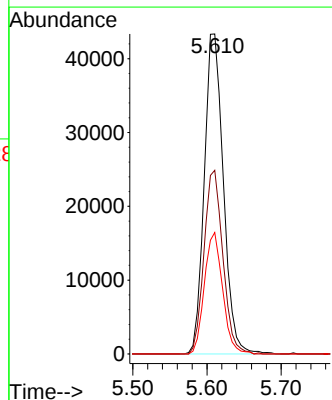
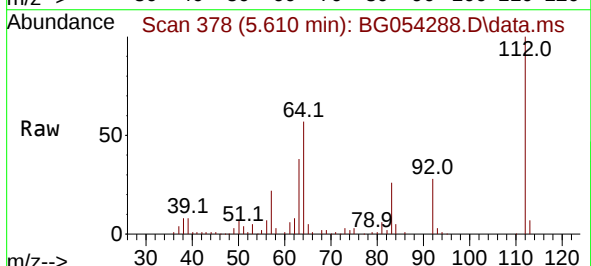
Instrument :
BNA_G
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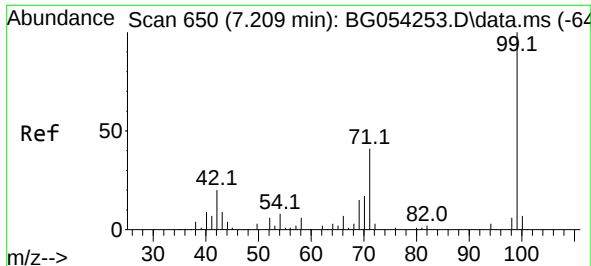
Tgt Ion:152 Resp: 18275
Ion Ratio Lower Upper
152 100
150 150.4 131.6 197.4
115 53.9 50.9 76.3



#5
2-Fluorophenol
Concen: 85.420 ng
RT: 5.610 min Scan# 378
Delta R.T. -0.000 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:112 Resp: 77699
Ion Ratio Lower Upper
112 100
64 57.4 55.1 82.7
63 38.0 30.4 45.6

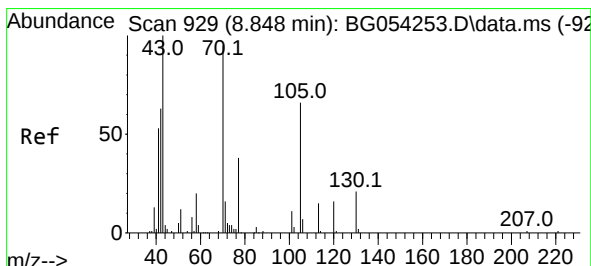
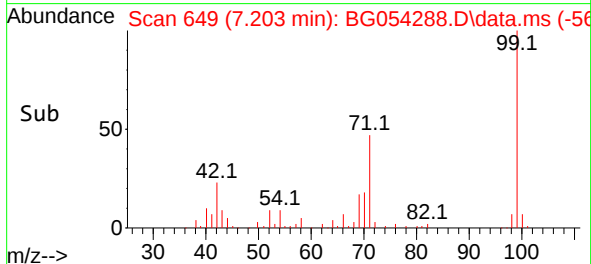
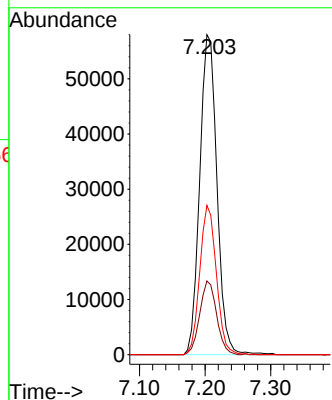
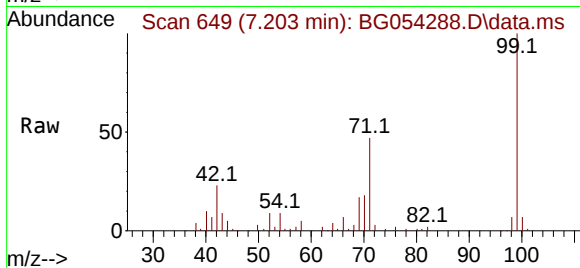




#7
Phenol-d6
Concen: 84.586 ng
RT: 7.203 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

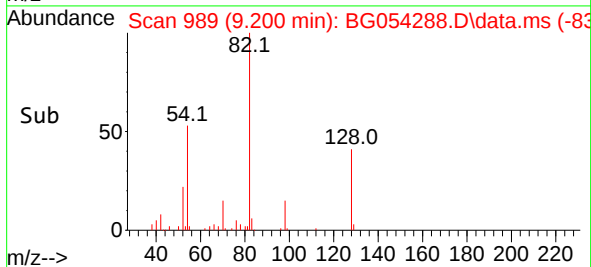
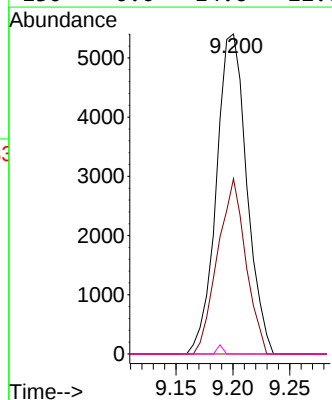
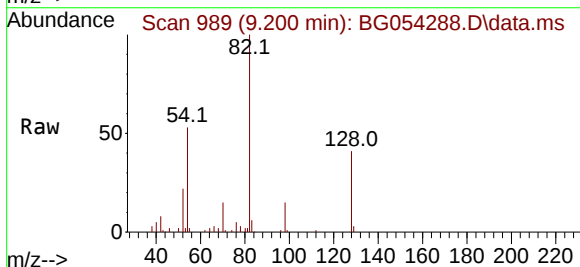
Instrument :
BNA_G
ClientSampleId :
PSC124042

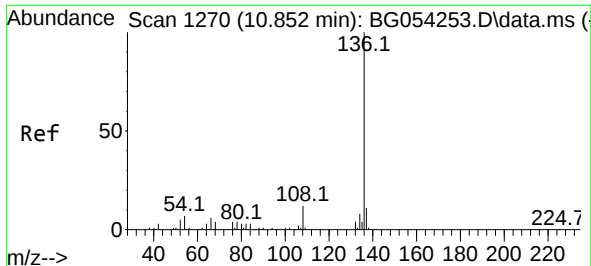
Tgt Ion: 99 Resp: 106120
Ion Ratio Lower Upper
99 100
42 23.1 17.0 25.6
71 46.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.741 ng
RT: 9.200 min Scan# 989
Delta R.T. 0.352 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion: 70 Resp: 10056
Ion Ratio Lower Upper
70 100
42 54.8 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

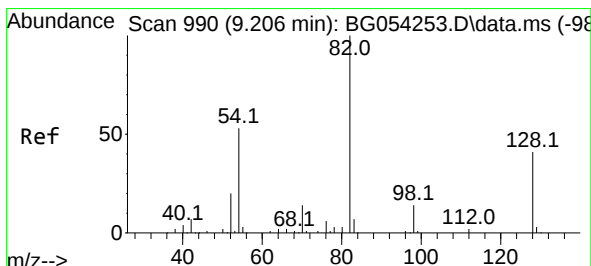
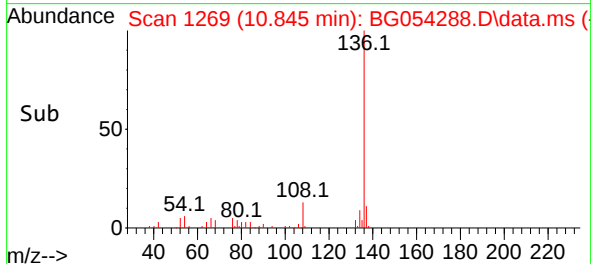
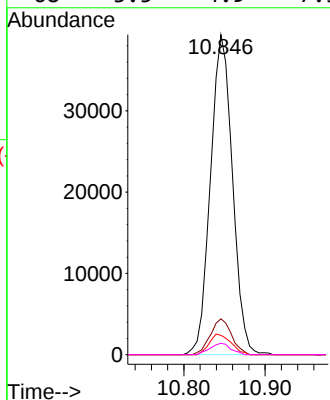
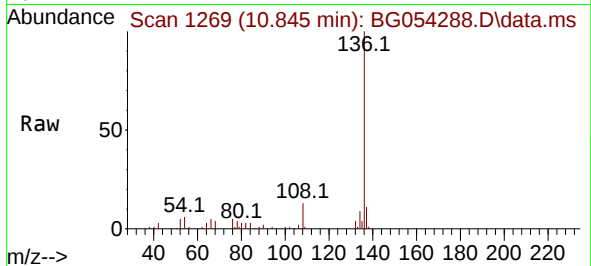




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

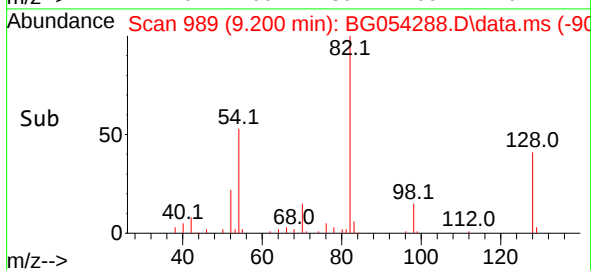
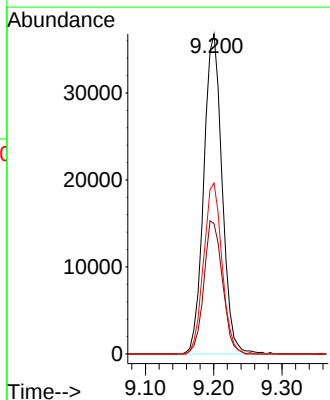
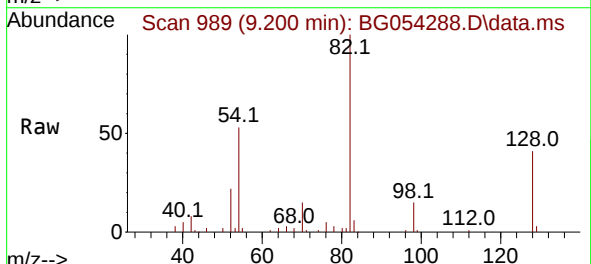
Instrument :
BNA_G
ClientSampleId :
PSC124042

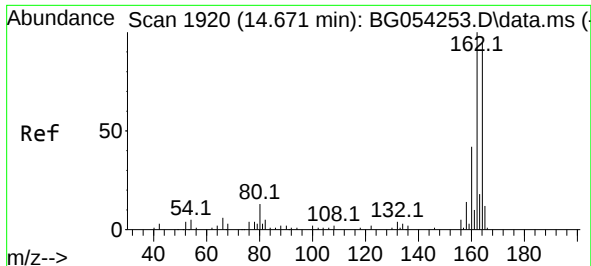
Tgt Ion:	136	Resp:	74107
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.1	7.4	11.2#
68	3.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 50.402 ng
RT: 9.200 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:	82	Resp:	68830
Ion Ratio	Lower	Upper	
82	100		
128	40.7	27.9	41.9
54	53.4	41.2	61.8

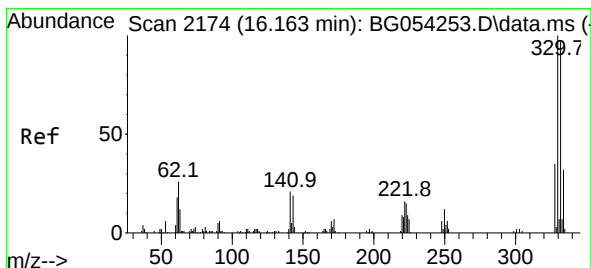
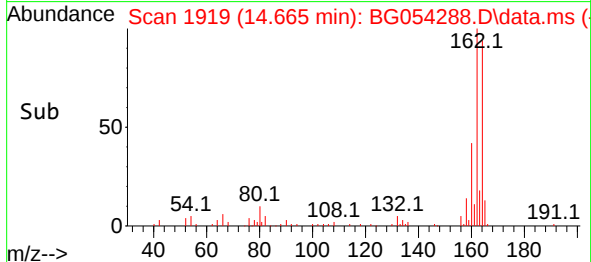
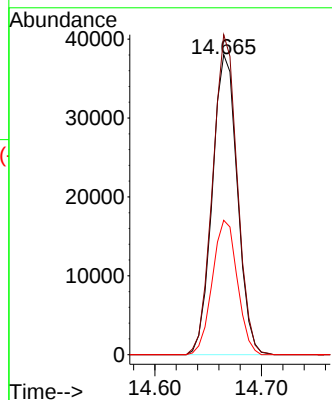
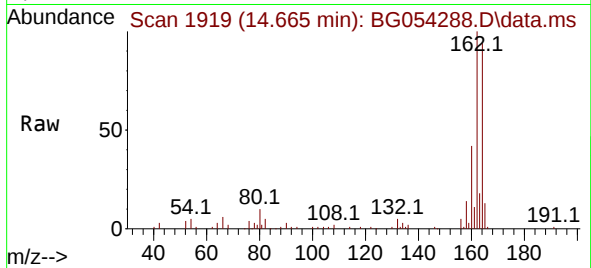




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.665 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

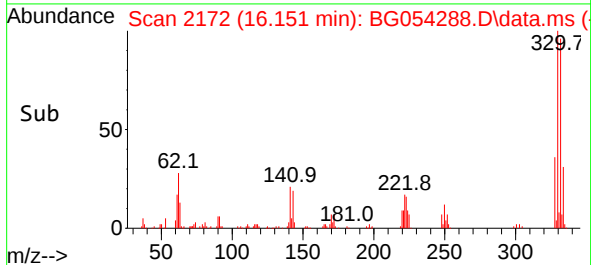
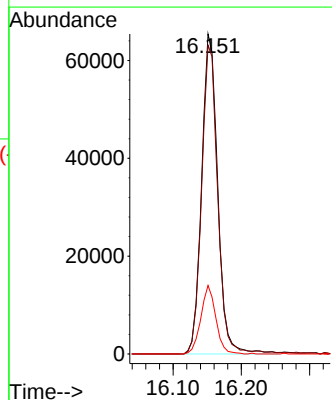
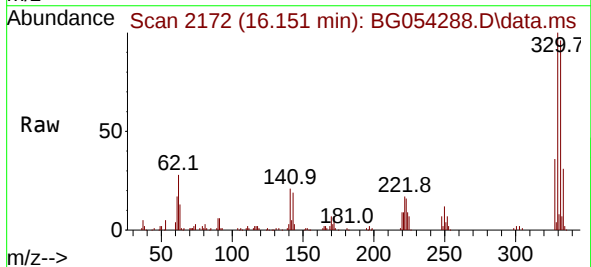
Instrument :
BNA_G
ClientSampleId :
PSC124042

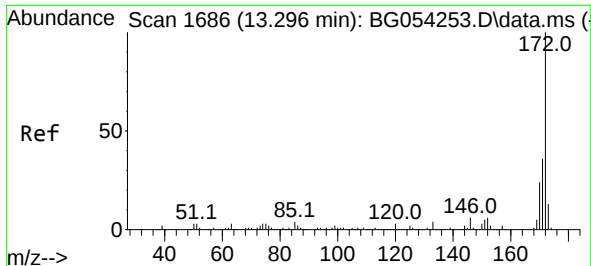
Tgt Ion:164 Resp: 61914
Ion Ratio Lower Upper
164 100
162 106.7 82.3 123.5
160 44.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 89.535 ng
RT: 16.151 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:330 Resp: 107382
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 19.8 27.1 40.7#

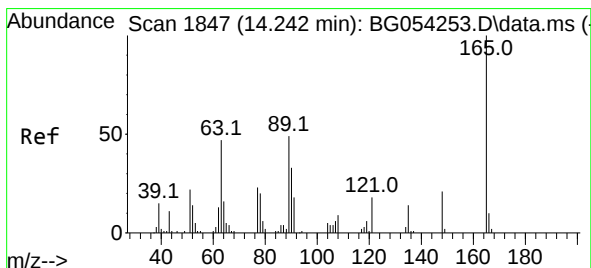
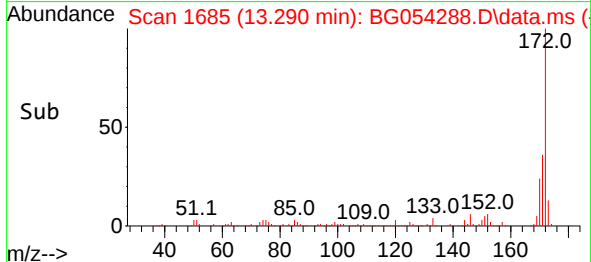
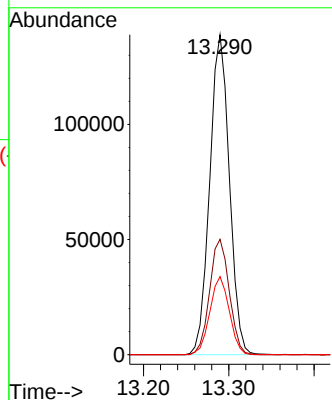
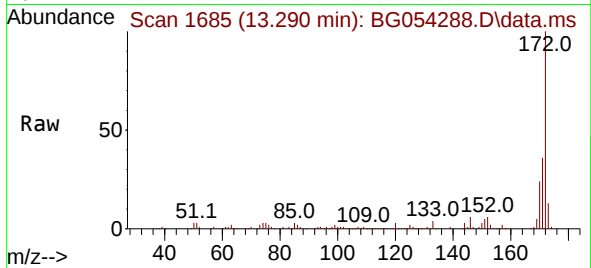




#45
2-Fluorobiphenyl
Concen: 52.722 ng
RT: 13.290 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

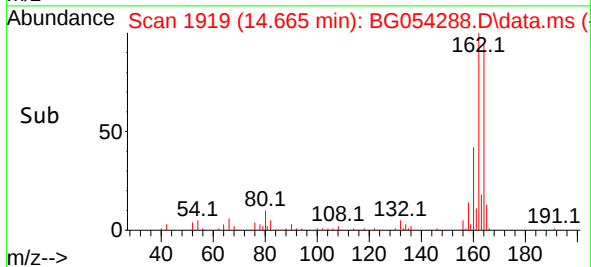
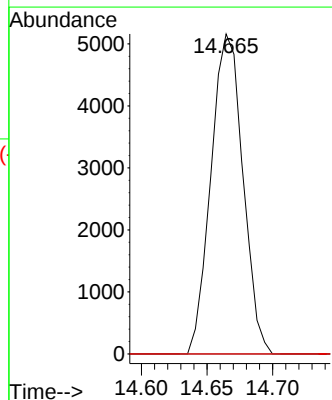
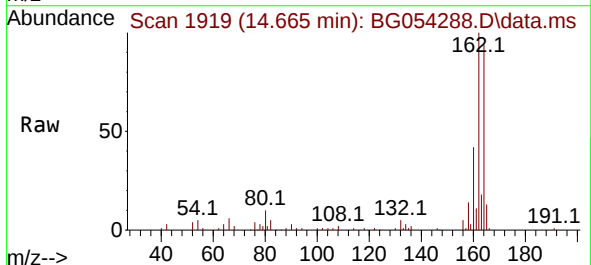
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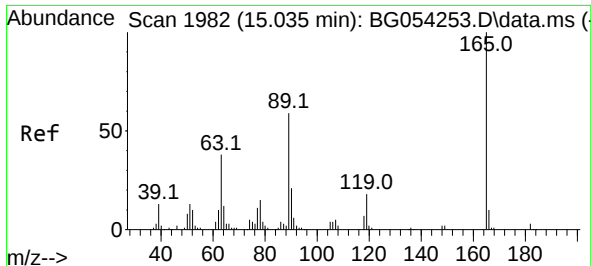
Tgt Ion:172 Resp: 222156
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.254 ng
RT: 14.665 min Scan# 1919
Delta R.T. 0.423 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:165 Resp: 8721
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

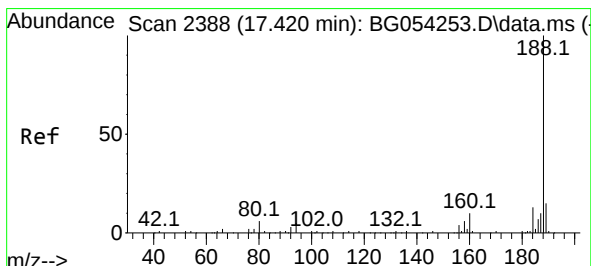
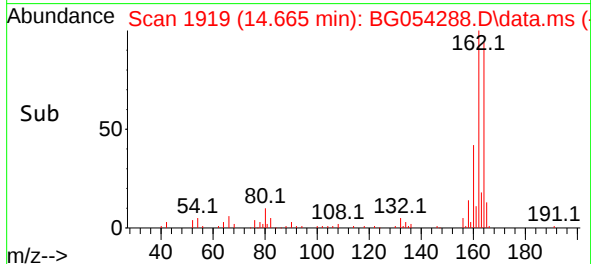
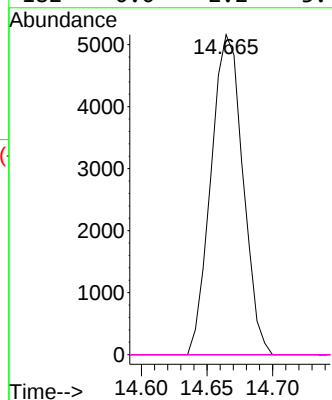
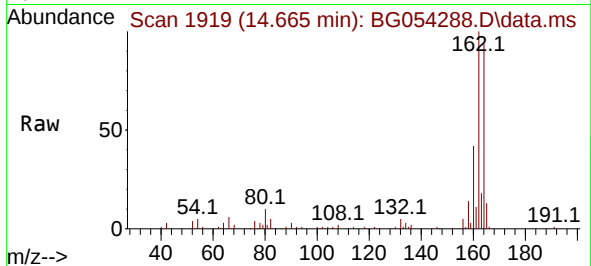




#57
 2,4-Dinitrotoluene
 Concen: 5.700 ng
 RT: 14.665 min Scan# 1982
 Delta R.T. -0.370 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28

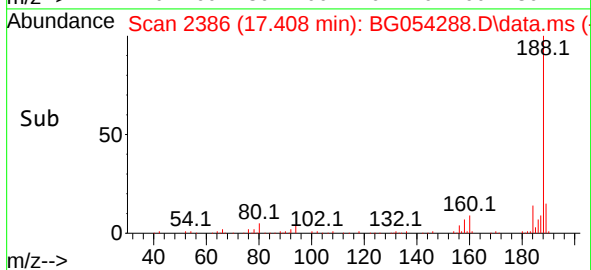
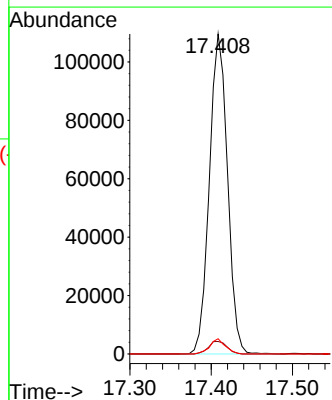
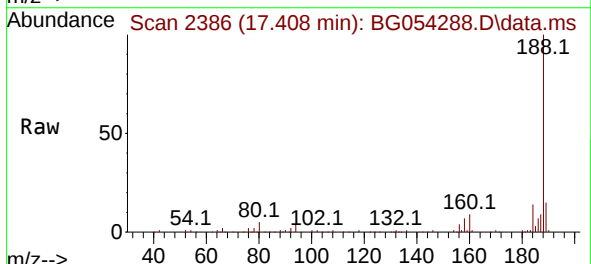
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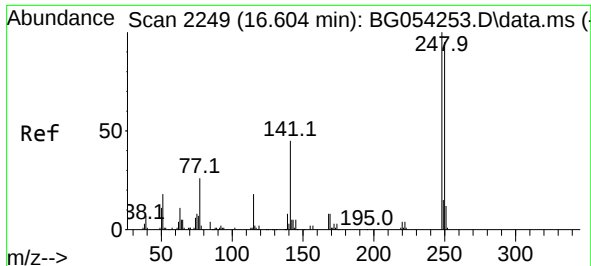
Tgt Ion:165	Resp:	8721
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.408 min Scan# 2386
 Delta R.T. -0.012 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28

Tgt Ion:188	Resp:	169469
Ion Ratio	Lower	Upper
188	100	
94	3.9	5.4
80	4.8	6.8

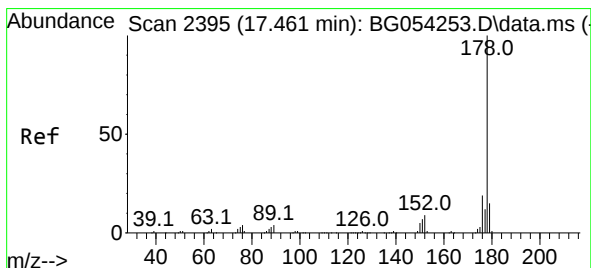
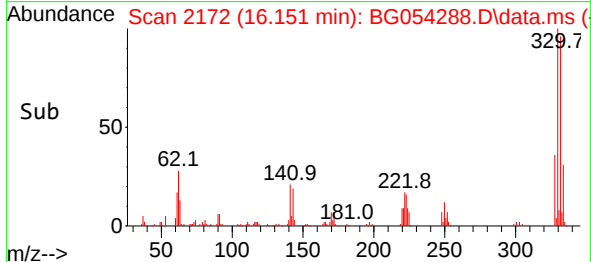
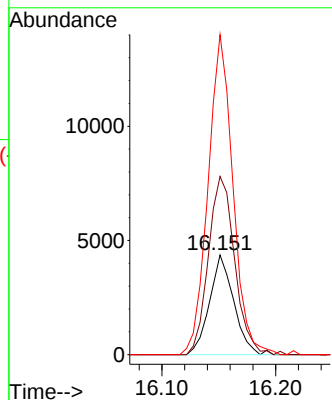
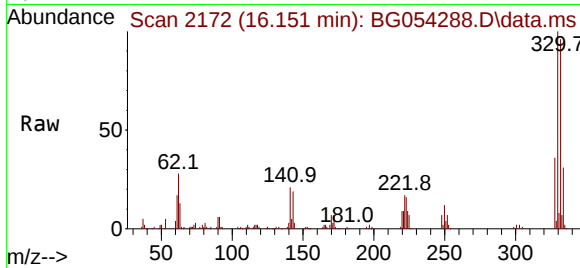




#67
4-Bromophenyl-phenylether
Concen: 2.868 ng
RT: 16.151 min Scan# 2172
Delta R.T. -0.453 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

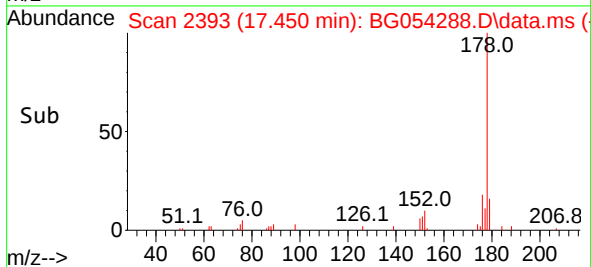
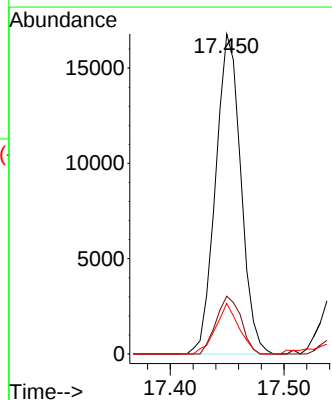
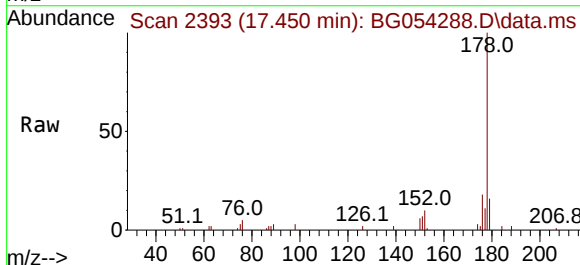
Instrument :
BNA_G
ClientSampleId :
PSC124042

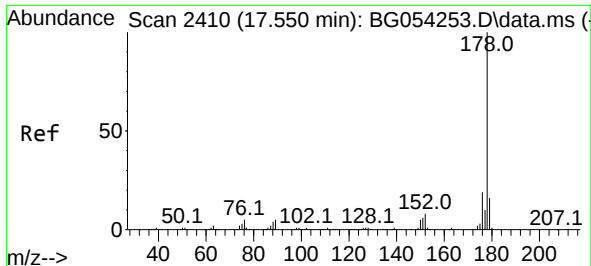
Tgt Ion:248 Resp: 6483
Ion Ratio Lower Upper
248 100
250 138.9 75.2 112.8#
141 249.4 50.0 75.0#



#71
Phenanthrene
Concen: 3.056 ng
RT: 17.450 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:178 Resp: 25908
Ion Ratio Lower Upper
178 100
176 18.0 14.1 21.1
179 15.8 12.1 18.1

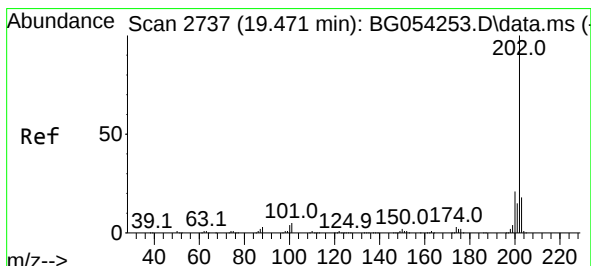
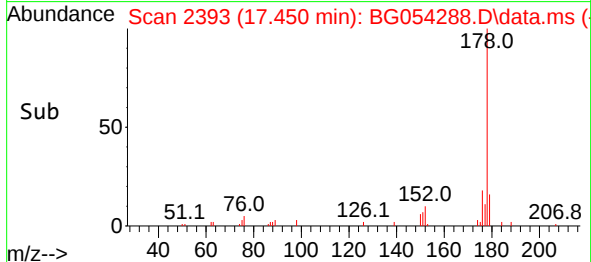
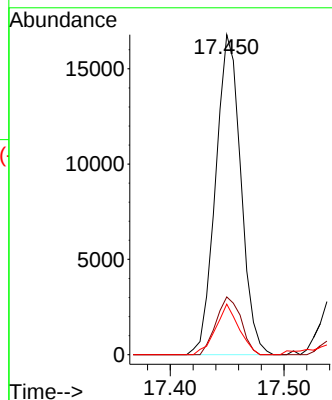
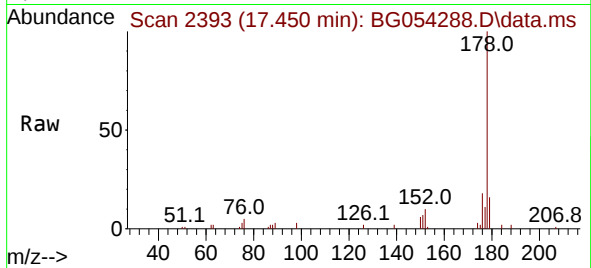




#72
 Anthracene
 Concen: 3.121 ng
 RT: 17.450 min Scan# 21
 Delta R.T. -0.100 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28

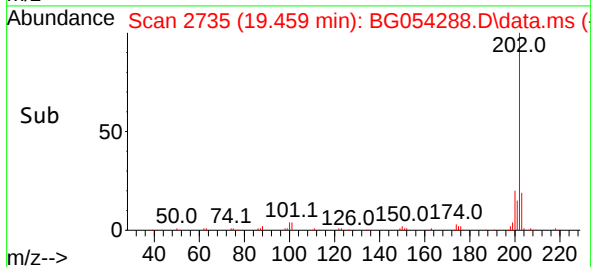
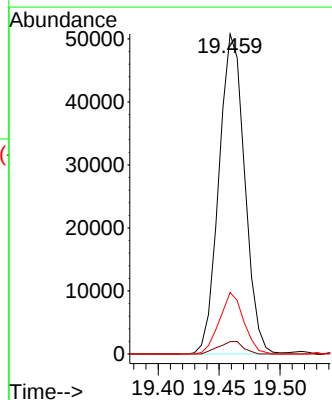
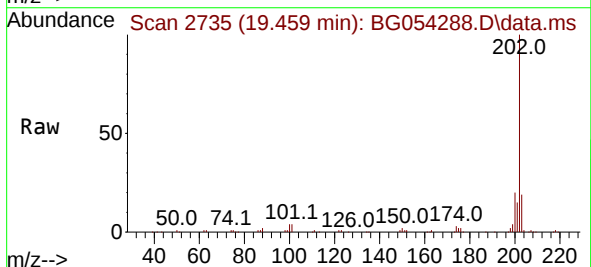
Instrument :
 BNA_G
 ClientSampleId :
 PSC124042

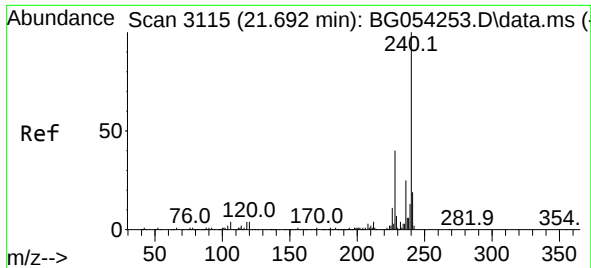
Tgt Ion:178 Resp: 25908
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.2 22.8
 179 15.8 13.0 19.4



#75
 Fluoranthene
 Concen: 6.471 ng
 RT: 19.459 min Scan# 2735
 Delta R.T. -0.012 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28

Tgt Ion:202 Resp: 74599
 Ion Ratio Lower Upper
 202 100
 101 3.8 0.0 26.9
 203 19.2 0.0 37.2

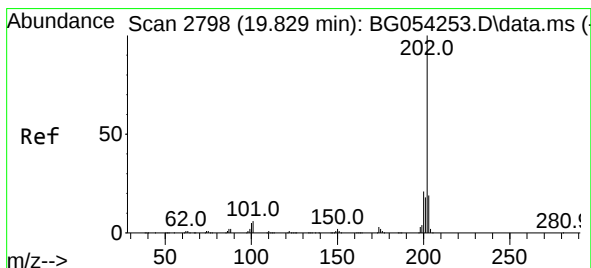
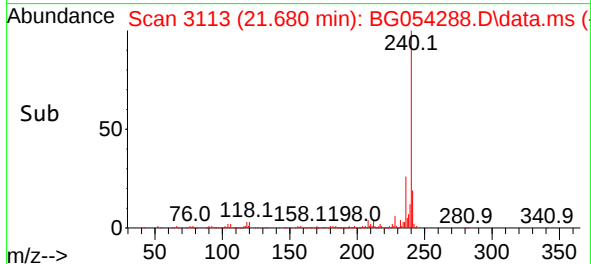
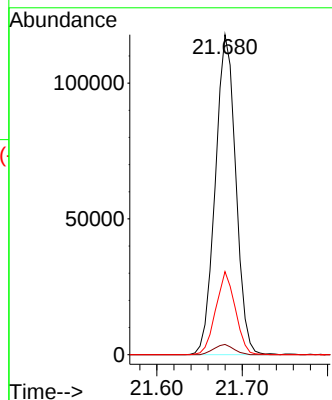
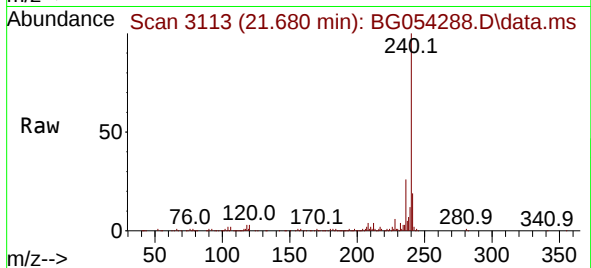




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.680 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

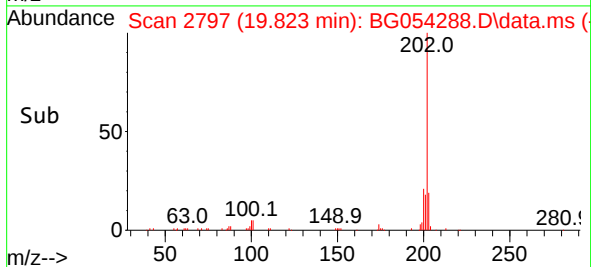
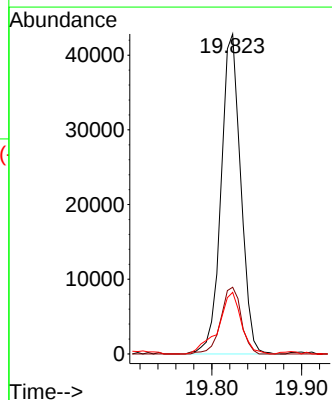
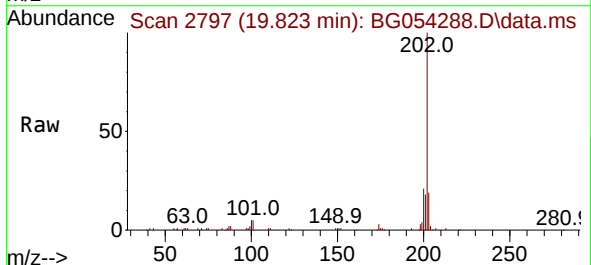
Instrument :
BNA_G
ClientSampleId :
PSC124042

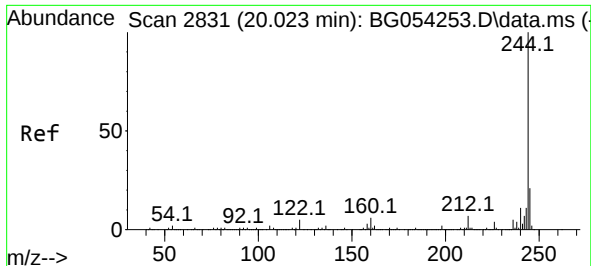
Tgt Ion:240 Resp: 196532
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 26.0 20.2 30.4



#78
Pyrene
Concen: 5.755 ng
RT: 19.823 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:202 Resp: 65089
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 19.2 14.6 21.8

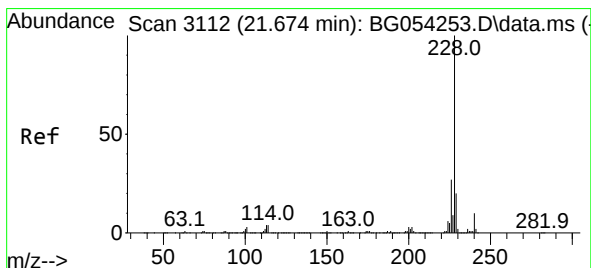
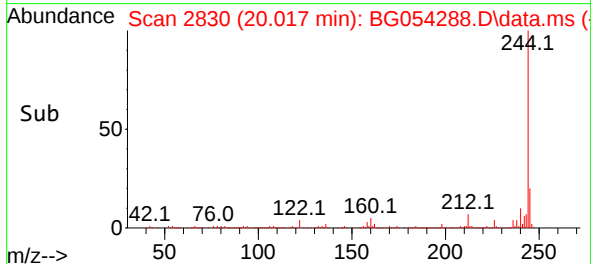
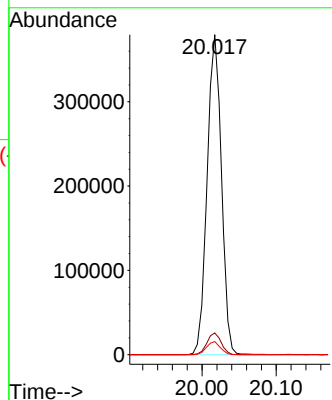
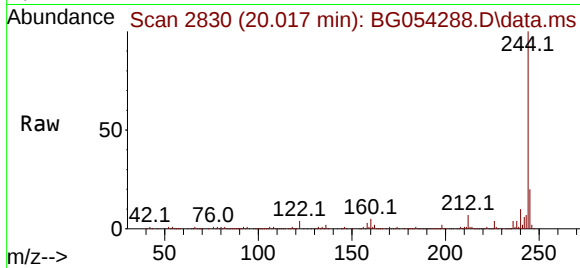




#79
 Terphenyl-d14
 Concen: 53.283 ng
 RT: 20.017 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28

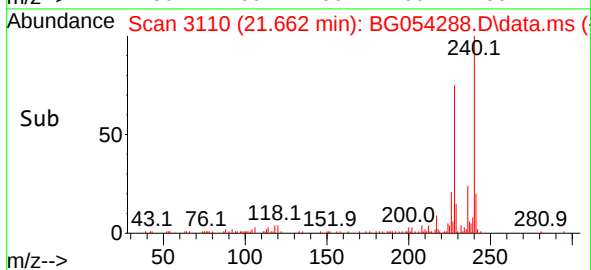
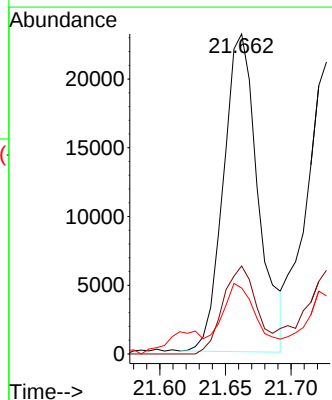
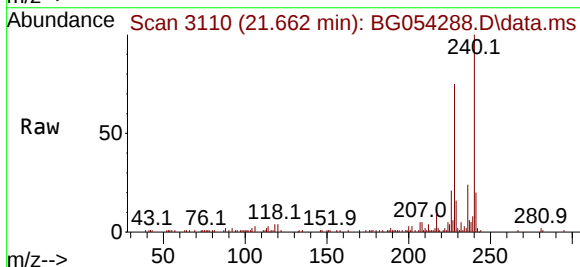
Instrument :
 BNA_G
 ClientSampleId :
 PSC124042

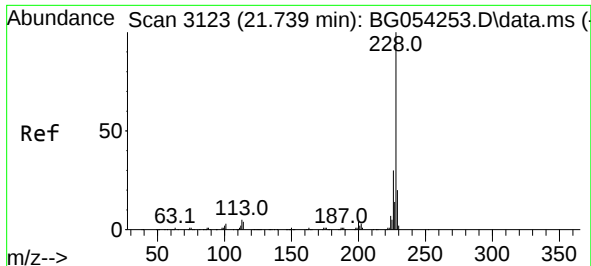
Tgt Ion:244 Resp: 509236
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.1 5.0 7.4#



#81
 Benzo(a)anthracene
 Concen: 3.423 ng
 RT: 21.662 min Scan# 3110
 Delta R.T. -0.012 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28

Tgt Ion:228 Resp: 42552
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.6 32.4
 229 20.6 16.2 24.2

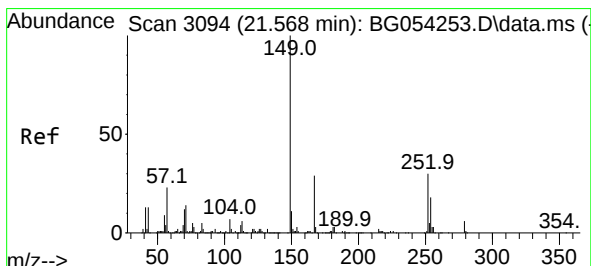
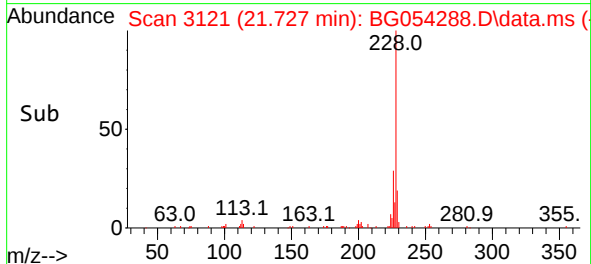
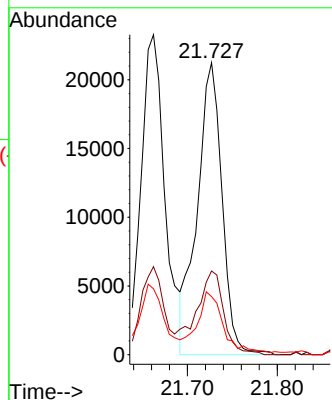
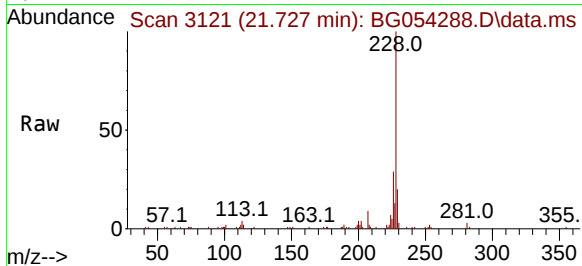




#83
Chrysene
Concen: 3.472 ng
RT: 21.727 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

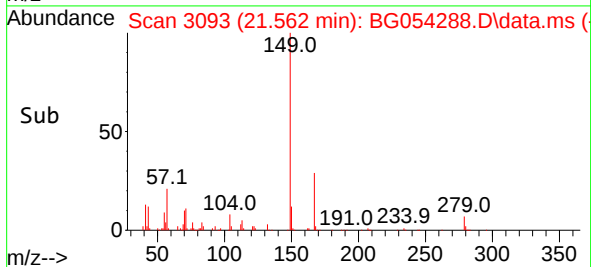
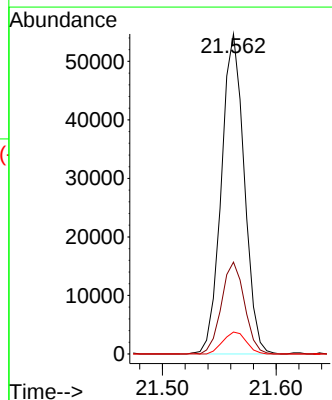
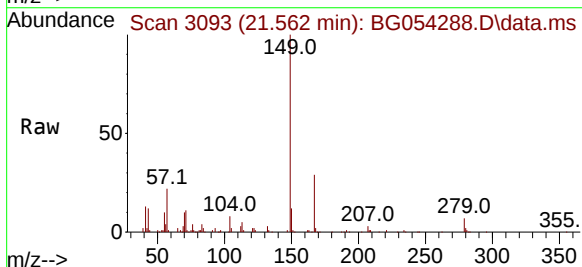
Instrument :
BNA_G
ClientSampleId :
PSC124042

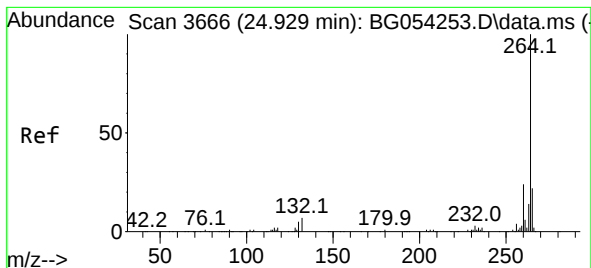
Tgt Ion:228	Resp:	40829
Ion Ratio	Lower	Upper
228	100	
226	28.7	23.4 35.2
229	19.9	15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 14.702 ng
RT: 21.562 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:149	Resp:	76450
Ion Ratio	Lower	Upper
149	100	
167	28.7	20.2 30.4
279	6.9	3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.911 min Scan# 3

Delta R.T. -0.018 min

Lab File: BG054288.D

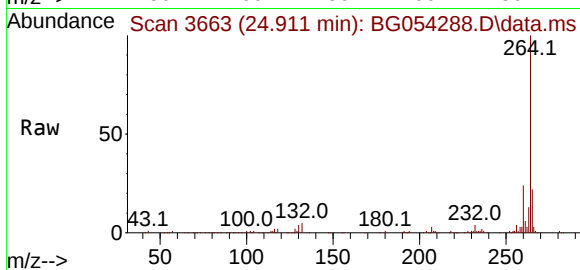
Acq: 14 Jul 2022 20:28

Instrument :

BNA_G

ClientSampleId :

PSC124042



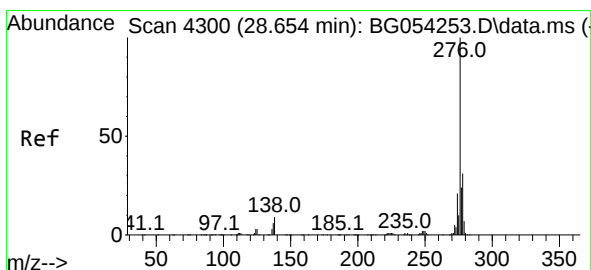
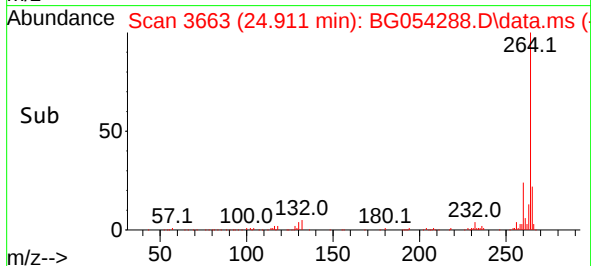
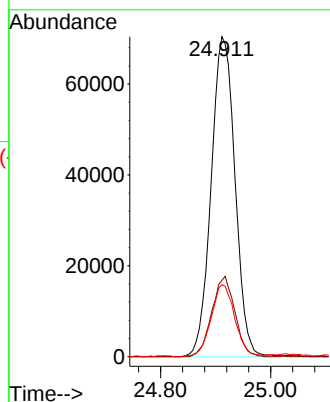
Tgt Ion:264 Resp: 211996

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.5 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.084 ng

RT: 28.613 min Scan# 4293

Delta R.T. -0.041 min

Lab File: BG054288.D

Acq: 14 Jul 2022 20:28

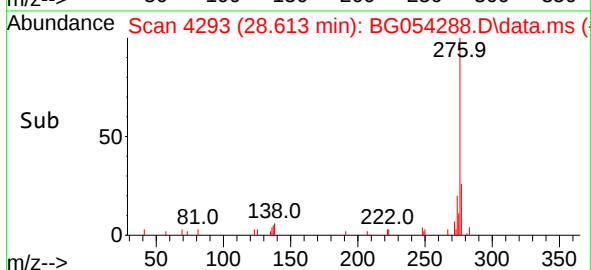
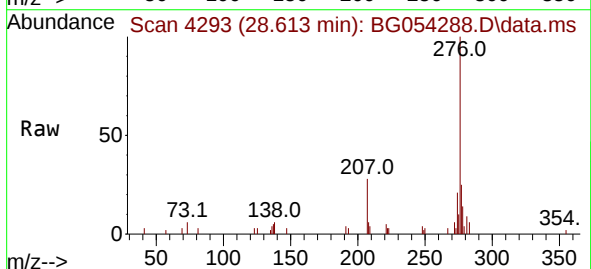
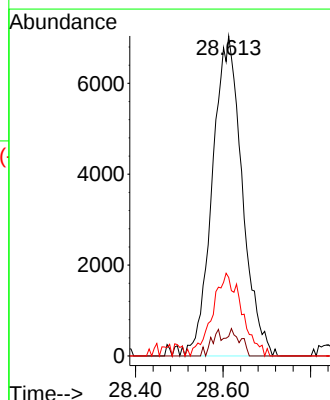
Tgt Ion:276 Resp: 33231

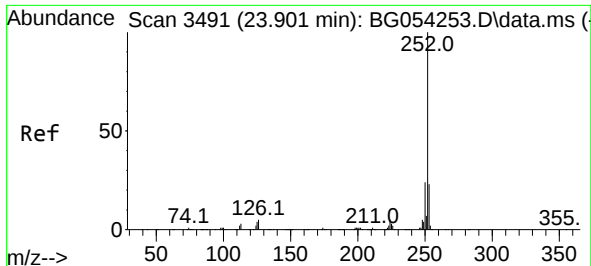
Ion Ratio Lower Upper

276 100

138 3.8 5.0 7.4#

277 25.5 20.3 30.5

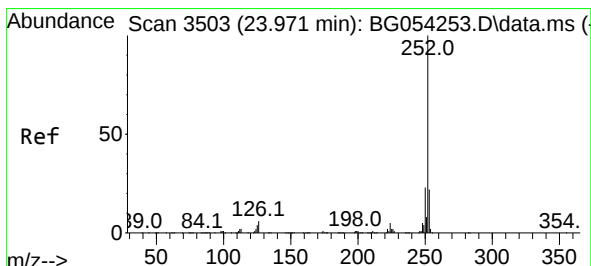
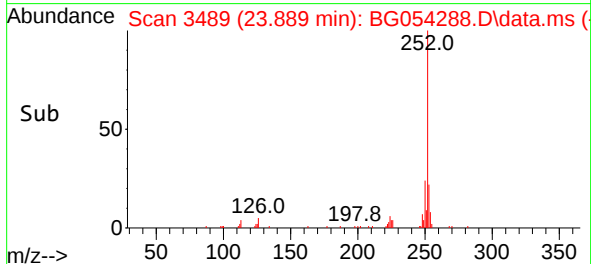
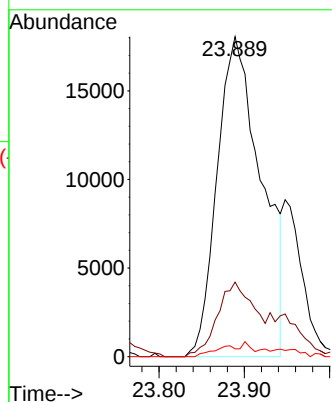
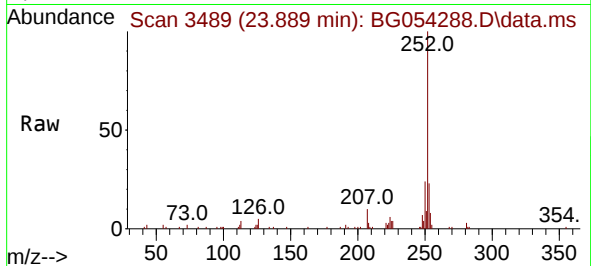




#88
Benzo(b)fluoranthene
Concen: 5.174 ng
RT: 23.889 min Scan# 3491
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

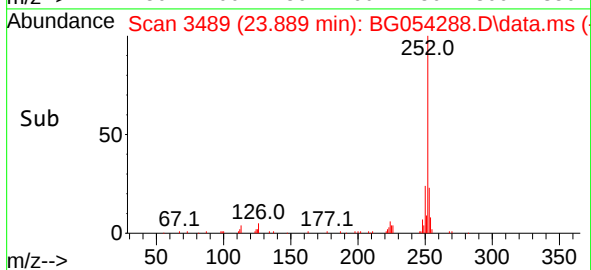
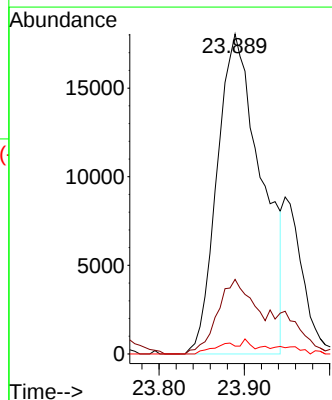
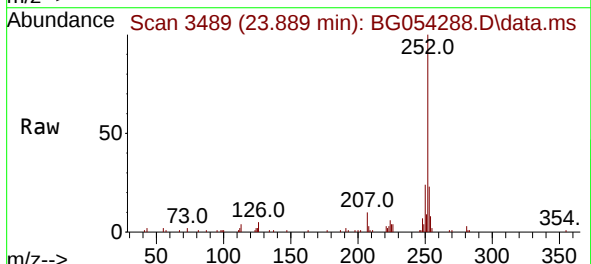
Instrument :
BNA_G
ClientSampleId :
PSC124042

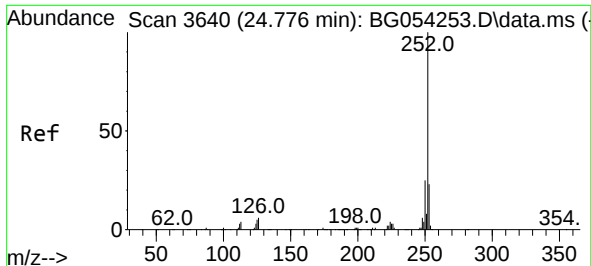
Tgt Ion:252 Resp: 65048
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 2.5 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 5.216 ng
RT: 23.889 min Scan# 3489
Delta R.T. -0.082 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:252 Resp: 65048
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 2.5 4.8 7.2#

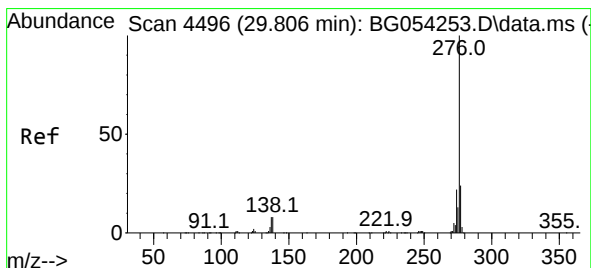
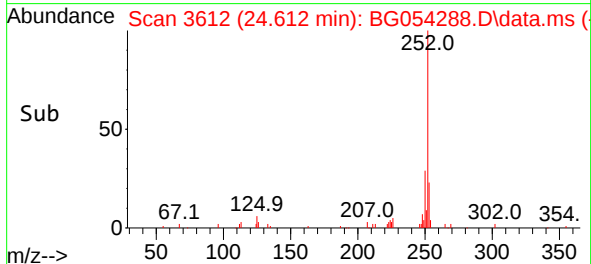
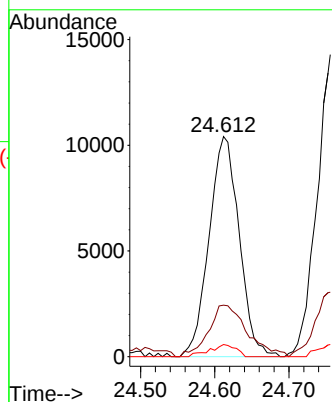
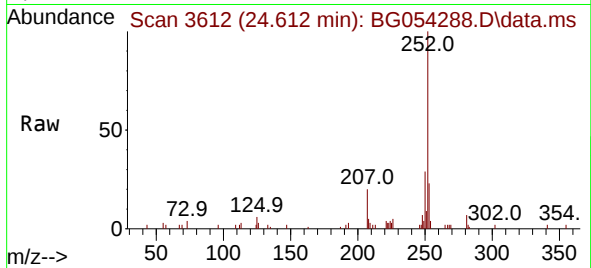




#90
Benzo(a)pyrene
Concen: 2.727 ng
RT: 24.612 min Scan# 30
Delta R.T. -0.165 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Instrument :
BNA_G
ClientSampleId :
PSC124042

Tgt Ion:252 Resp: 29331
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 5.5 4.3 6.5



#92
Benzo(g,h,i)perylene
Concen: 2.342 ng
RT: 29.759 min Scan# 4488
Delta R.T. -0.047 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:276 Resp: 30514
Ion Ratio Lower Upper
276 100
277 23.2 17.3 25.9
138 5.2 9.6 14.4#

