

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052324.D
 Acq On : 8 Feb 2022 18:12
 Operator : CG/JU
 Sample : N1421-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Quant Time: Feb 09 01:25:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

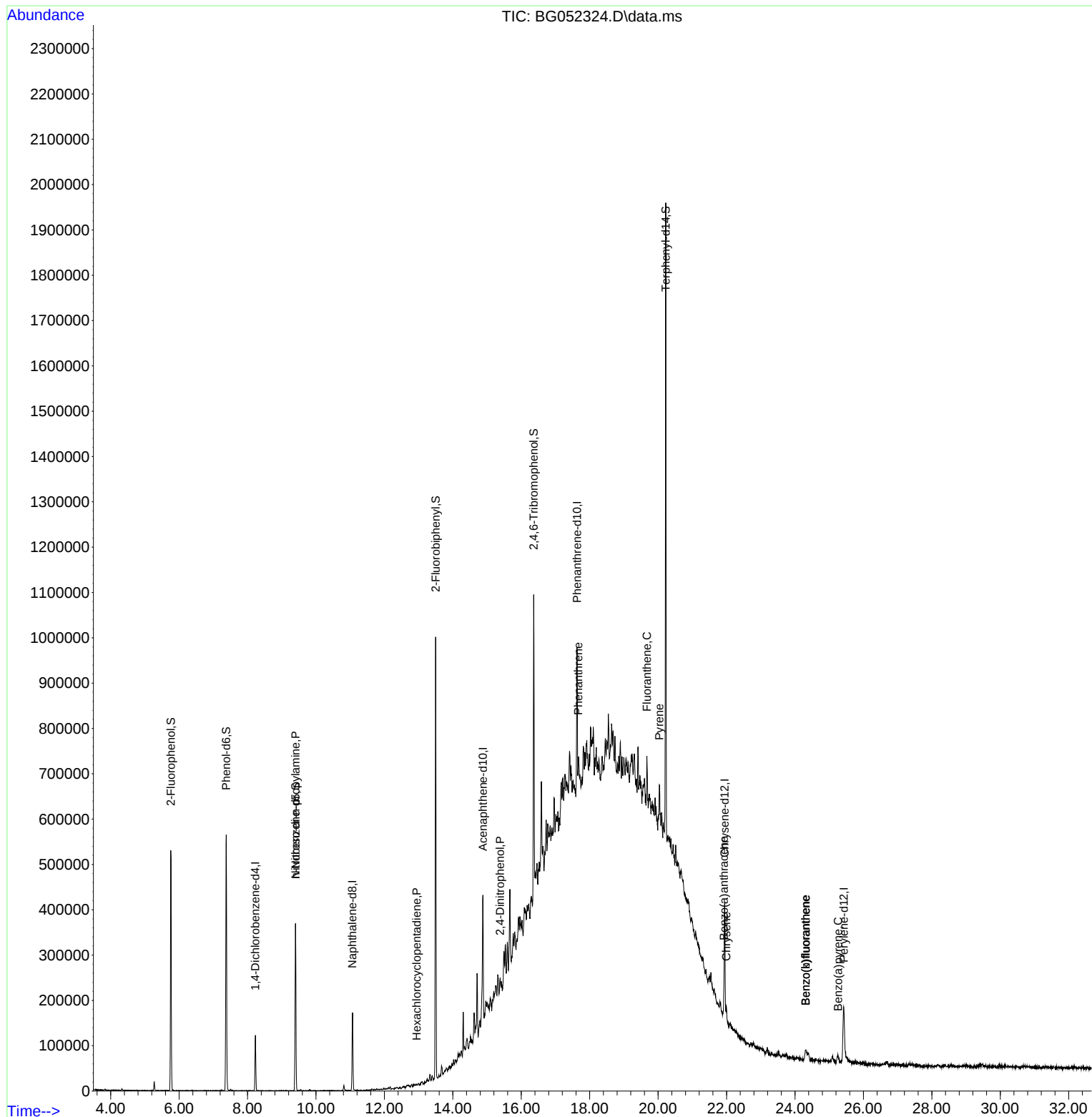
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	34892	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	149262	20.000	ng	# 0.00
39) Acenaphthene-d10	14.879	164	90560	20.000	ng	0.00
64) Phenanthrene-d10	17.628	188	170596	20.000	ng	# 0.00
76) Chrysene-d12	21.946	240	165102	20.000	ng	0.00
86) Perylene-d12	25.423	264	171051	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	222873	111.325	ng	0.00
7) Phenol-d6	7.377	99	325073	105.237	ng	0.00
23) Nitrobenzene-d5	9.404	82	238059	69.316	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	128931	99.098	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	512351	78.614	ng	0.00
79) Terphenyl-d14	20.225	244	643583	68.835	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.348	77	137	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.404	70	33942	14.575	ng	# 74
41) Hexachlorocyclopentadiene	12.940	237	60	5.298	ng	# 25
54) 2,4-Dinitrophenol	15.378	184	444	5.352	ng	# 98
71) Phenanthrene	17.669	178	38116	4.334	ng	# 87
75) Fluoranthene	19.672	202	55318	4.940	ng	# 90
78) Pyrene	20.037	202	48695	4.408	ng	# 91
81) Benzo(a)anthracene	21.922	228	26117	2.390	ng	# 93
83) Chrysene	21.993	228	25310	2.445	ng	# 89
88) Benzo(b)fluoranthene	24.313	252	33331	3.127	ng	# 96
89) Benzo(k)fluoranthene	24.313	252	33331	3.165	ng	# 98
90) Benzo(a)pyrene	25.259	252	21188	2.353	ng	# 90

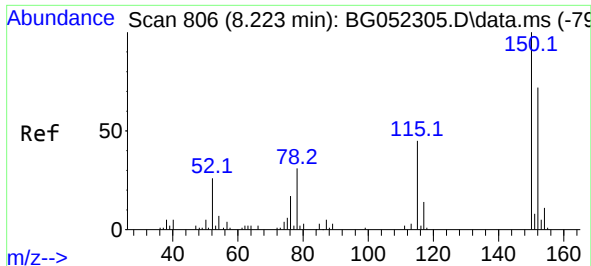
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
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Quant Time: Feb 09 01:25:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

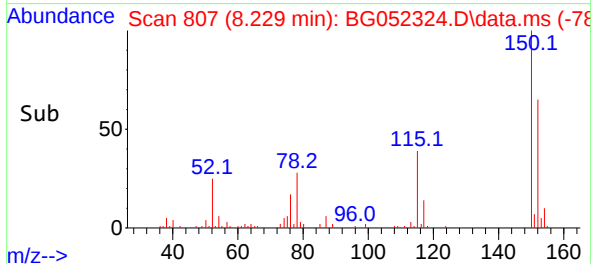
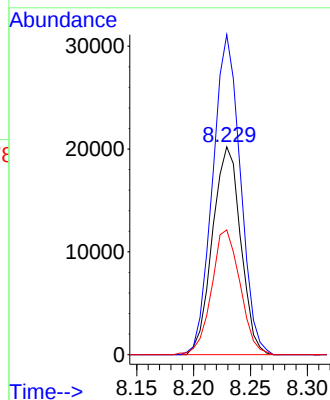
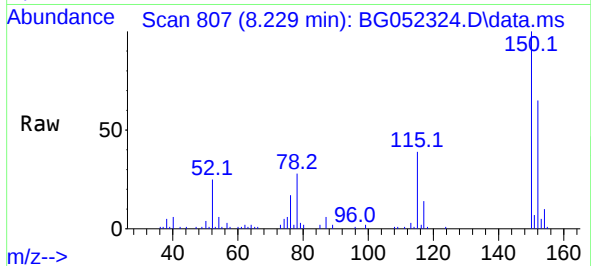




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

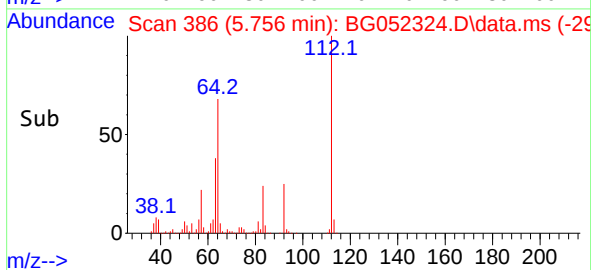
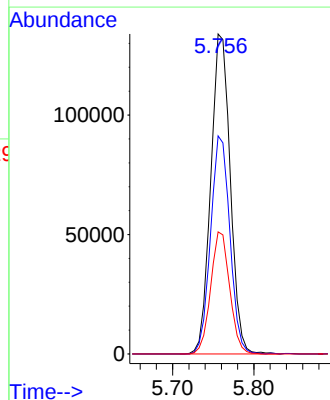
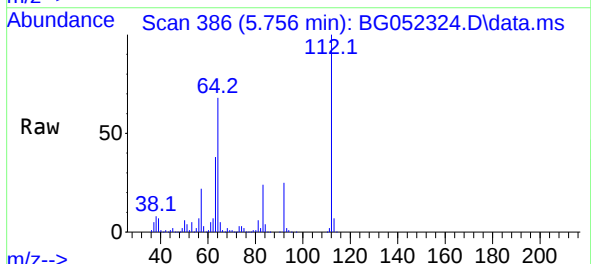
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BNA_G
ClientSampleId :
SB-7

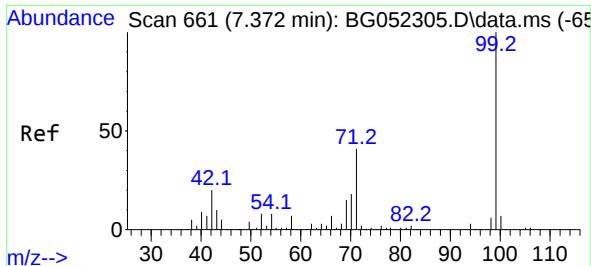
Tgt Ion:152 Resp: 34892
Ion Ratio Lower Upper
152 100
150 154.0 117.8 176.8
115 60.1 50.2 75.2



#5
2-Fluorophenol
Concen: 111.325 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion:112 Resp: 222873
Ion Ratio Lower Upper
112 100
64 68.2 60.4 90.6
63 38.2 33.3 49.9

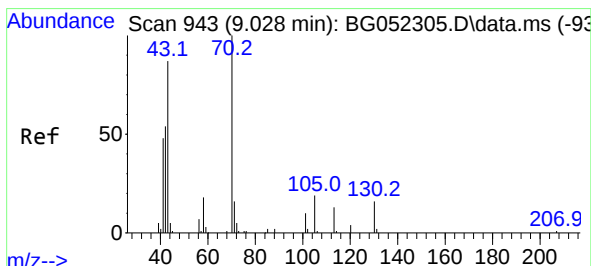
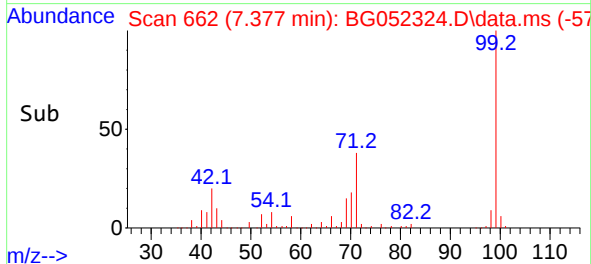
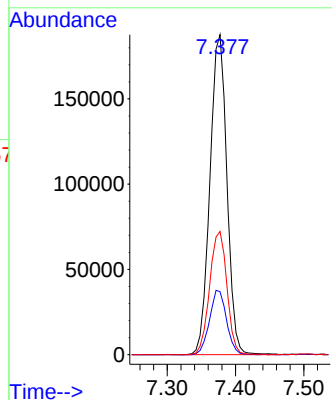
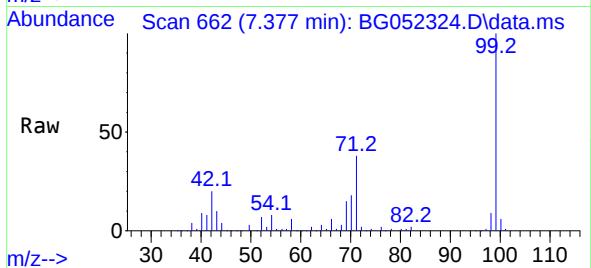




#7
Phenol-d6
Concen: 105.237 ng
RT: 7.377 min Scan# 6
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

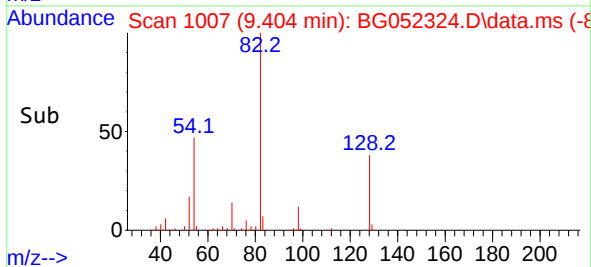
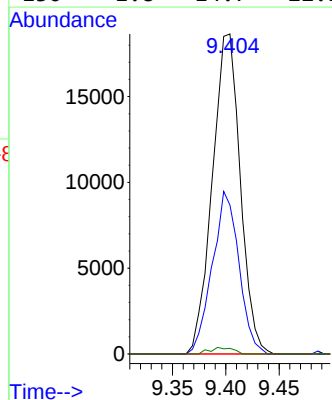
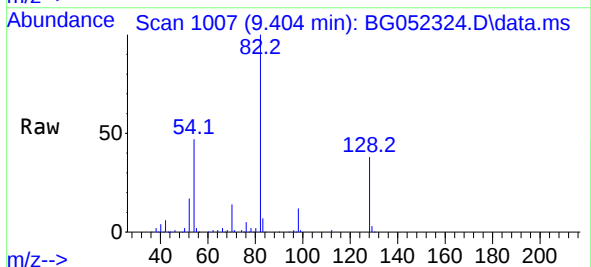
Instrument :
BNA_G
ClientSampleId :
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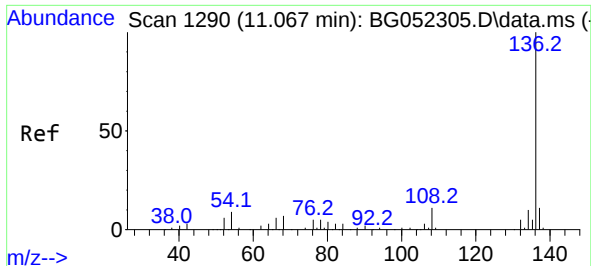
Tgt Ion: 99 Resp: 325073
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 38.5 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.575 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.376 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion: 70 Resp: 33942
Ion Ratio Lower Upper
70 100
42 46.5 51.8 77.6#
101 0.0 6.6 10.0#
130 1.8 14.7 22.1#

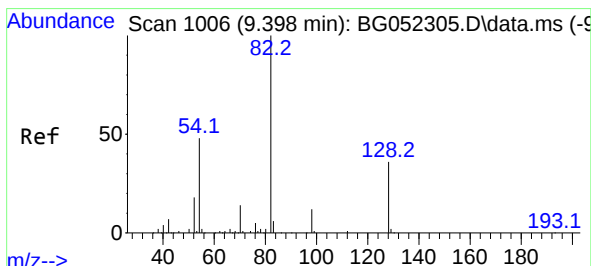
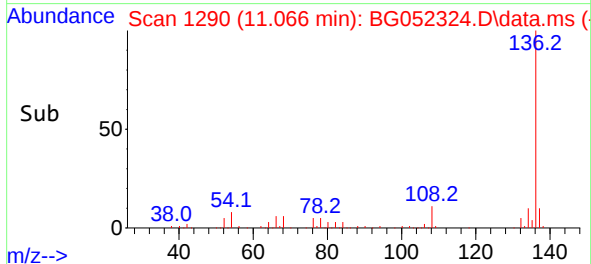
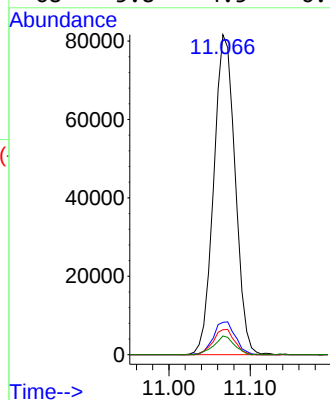
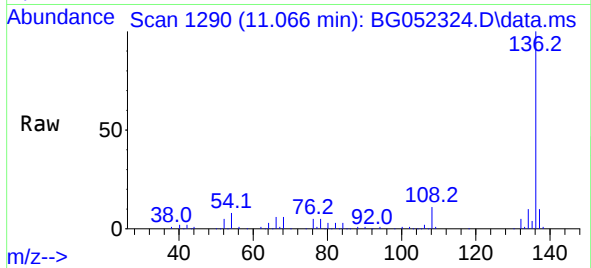




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1107
Delta R.T. -0.001 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

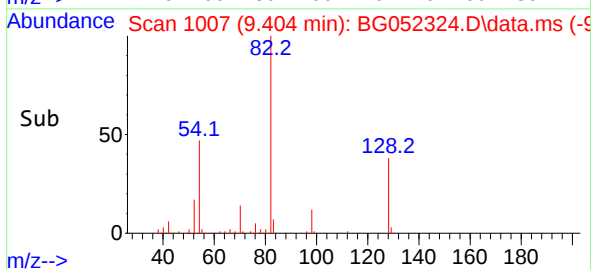
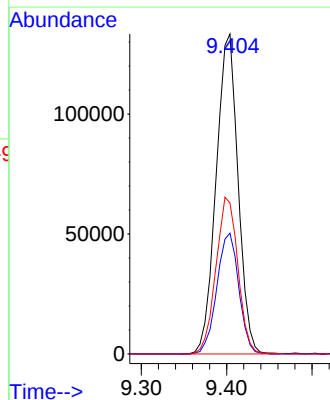
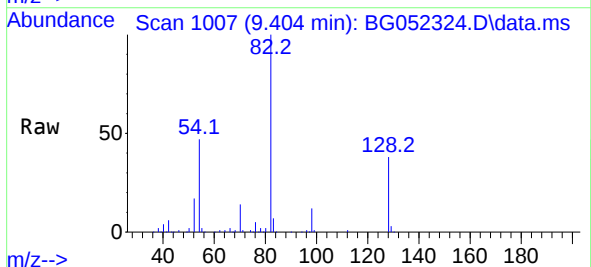
Instrument :
BNA_G
ClientSampleId :
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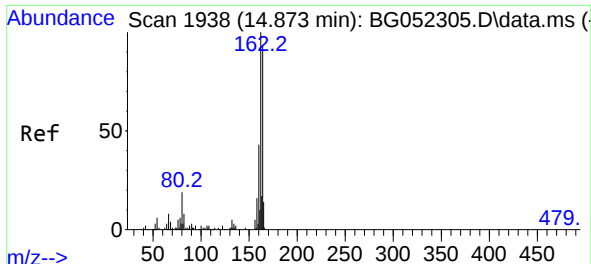
Tgt Ion:136 Resp: 149262
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 7.8 8.3 12.5#
68 5.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 69.316 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion: 82 Resp: 238059
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 47.2 41.0 61.6

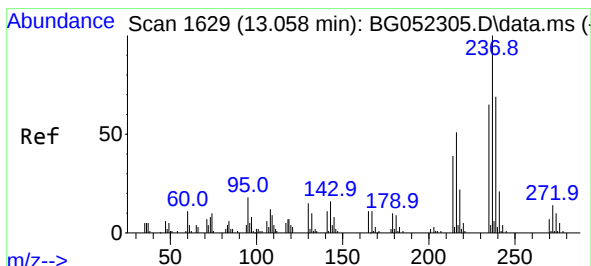
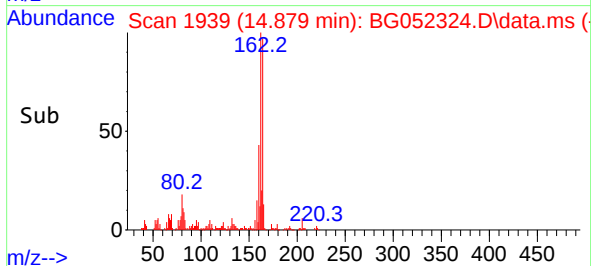
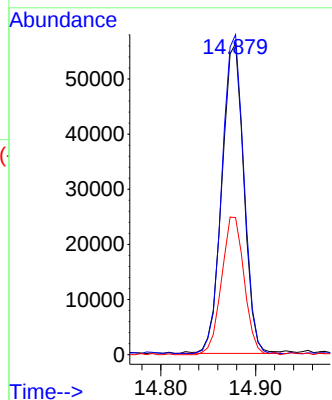
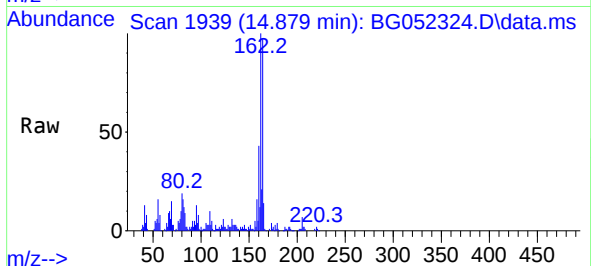




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.879 min Scan# 14
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

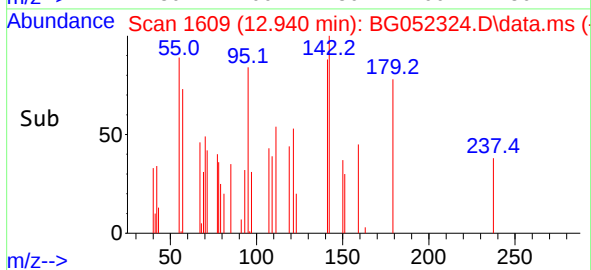
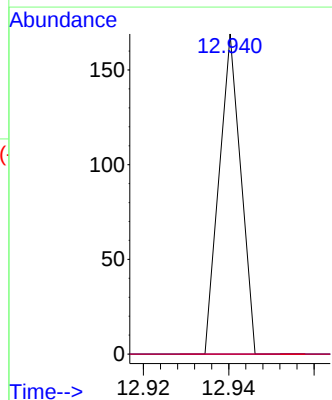
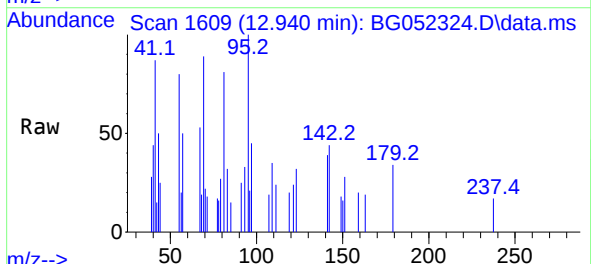
Instrument :
BNA_G
ClientSampleId :
SB-7

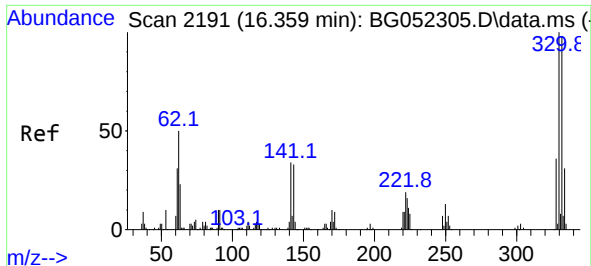
Tgt Ion:164 Resp: 90560
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 44.1 36.2 54.2



#41
Hexachlorocyclopentadiene
Concen: 5.298 ng
RT: 12.940 min Scan# 1609
Delta R.T. -0.118 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion:237 Resp: 60
Ion Ratio Lower Upper
237 100
235 0.0 45.9 85.9#
272 0.0 0.0 33.0

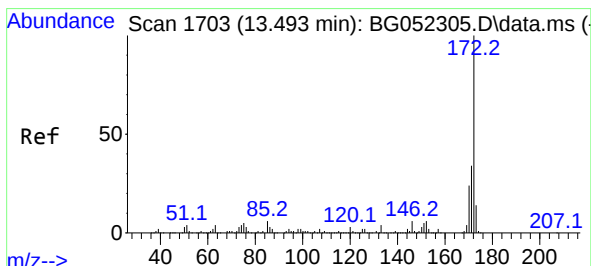
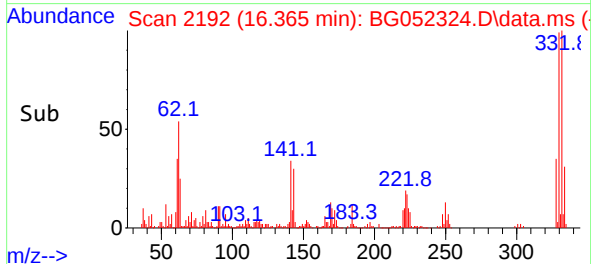
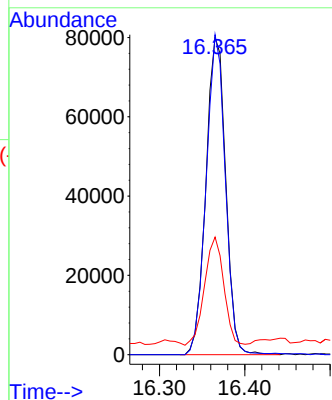
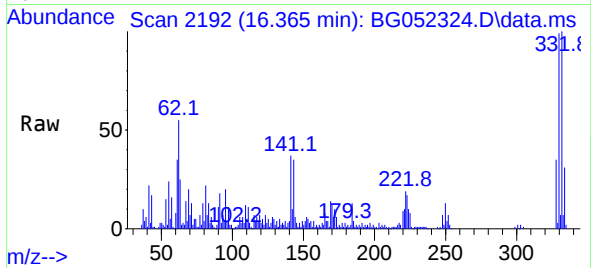




#42
2,4,6-Tribromophenol
Concen: 99.098 ng
RT: 16.365 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

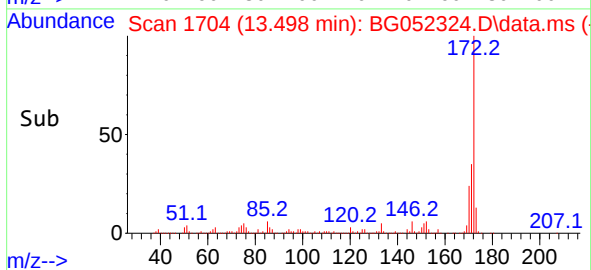
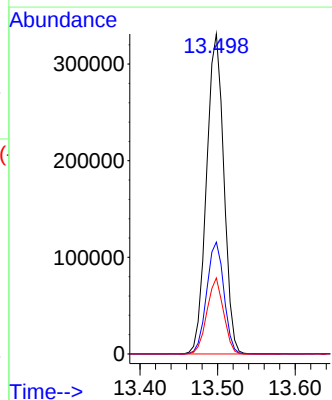
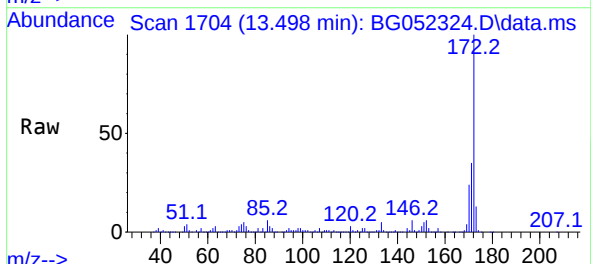
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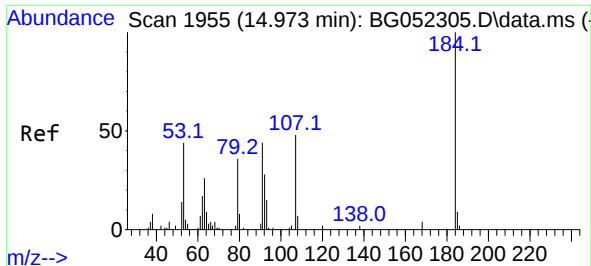
Tgt Ion:330 Resp: 128931
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 33.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.614 ng
RT: 13.498 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion:172 Resp: 512351
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.8 18.3 27.5

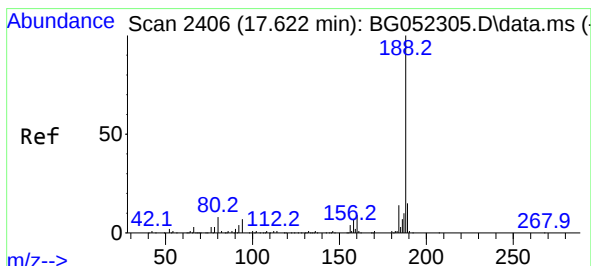
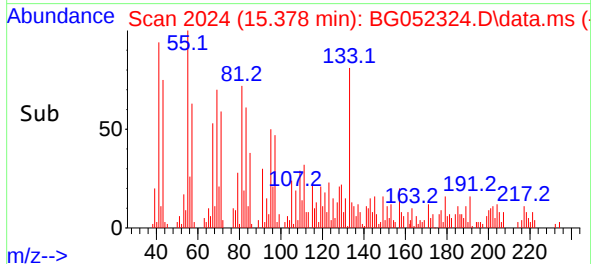
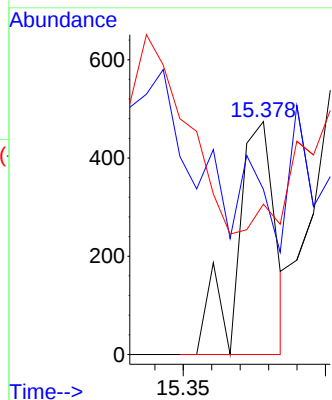
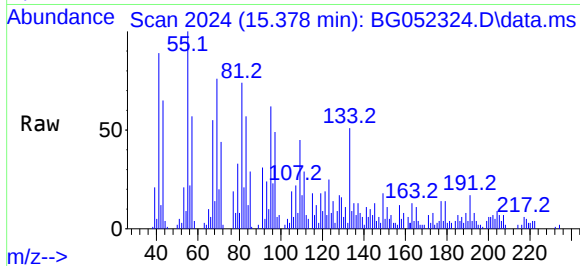




#54
2,4-Dinitrophenol
Concen: 5.352 ng
RT: 15.378 min Scan# 20
Delta R.T. 0.405 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

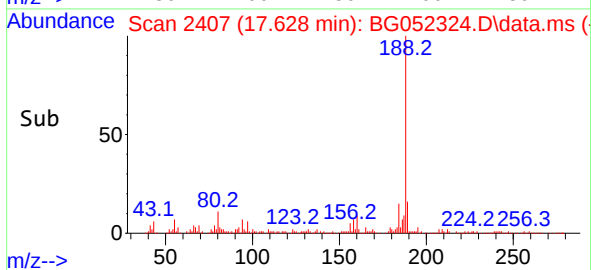
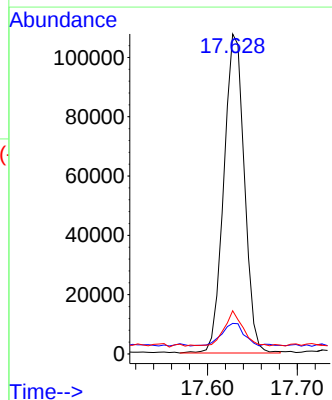
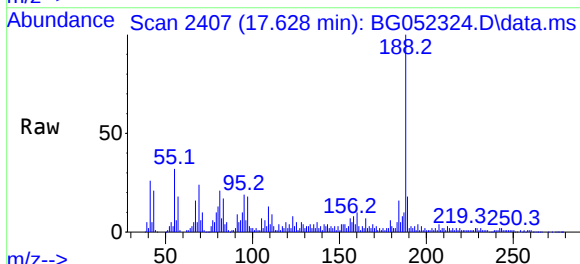
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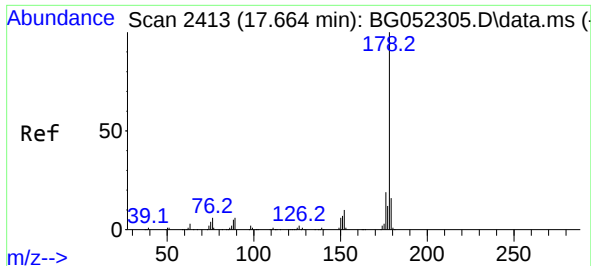
Tgt Ion:184 Resp: 444
Ion Ratio Lower Upper
184 100
63 70.9 56.0 84.0
154 64.6 50.2 75.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.628 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion:188 Resp: 170596
Ion Ratio Lower Upper
188 100
94 9.6 5.9 8.9#
80 13.5 6.6 10.0#

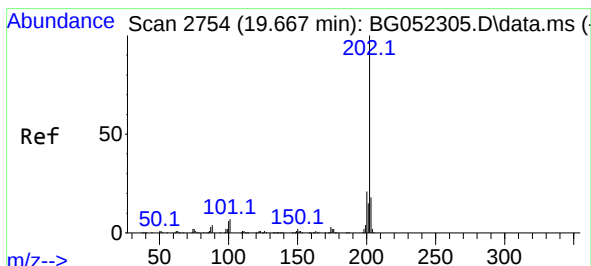
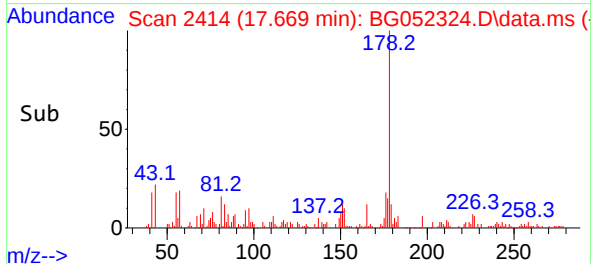
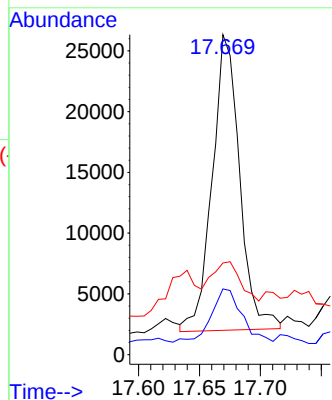
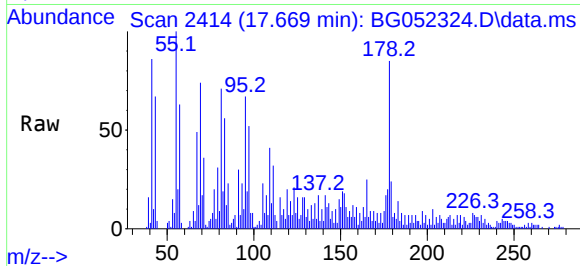




#71
Phenanthrene
Concen: 4.334 ng
RT: 17.669 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

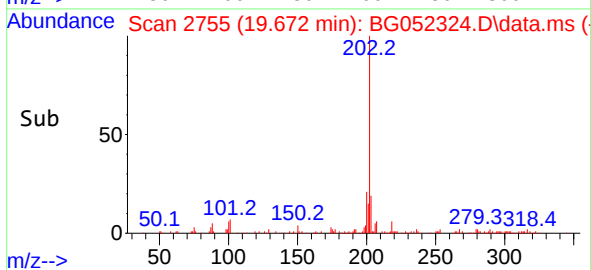
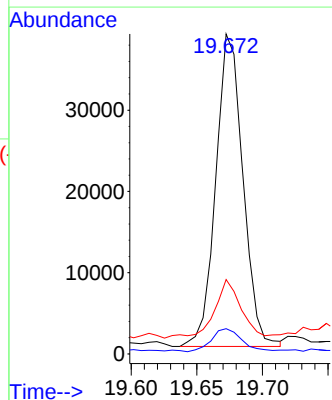
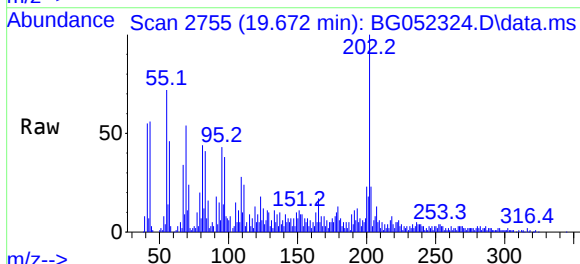
Instrument :
BNA_G
ClientSampleId :
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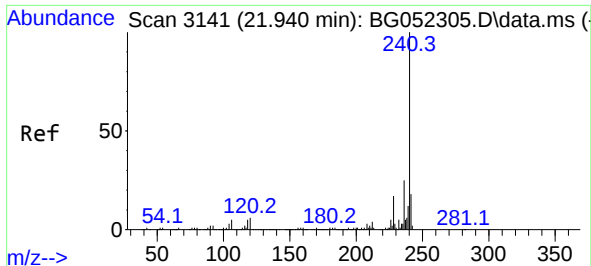
Tgt Ion:178 Resp: 38116
Ion Ratio Lower Upper
178 100
176 20.6 16.6 25.0
179 28.6 12.6 18.8#



#75
Fluoranthene
Concen: 4.940 ng
RT: 19.672 min Scan# 2755
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion:202 Resp: 55318
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.1
203 23.3 0.0 37.8

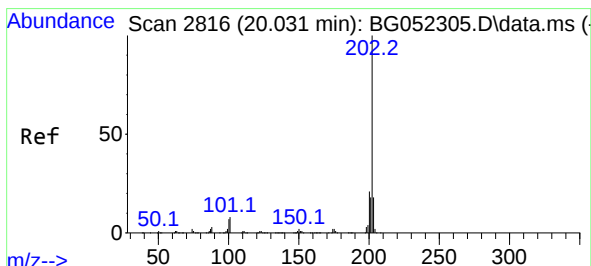
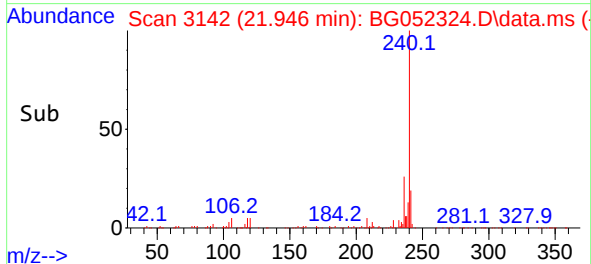
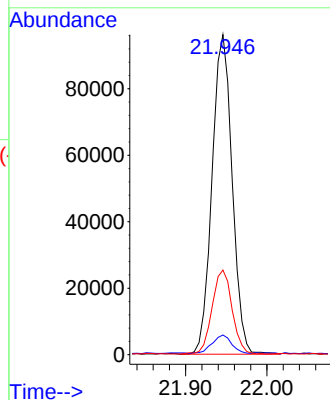
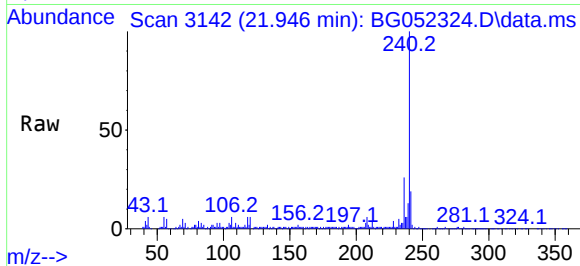




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.946 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

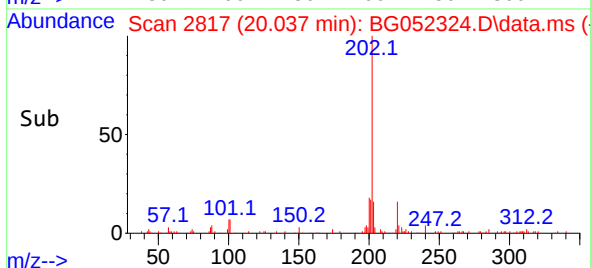
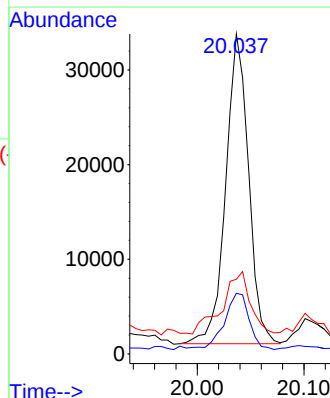
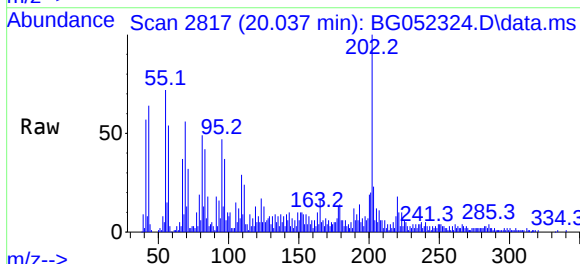
Instrument :
BNA_G
ClientSampleId :
SB-7

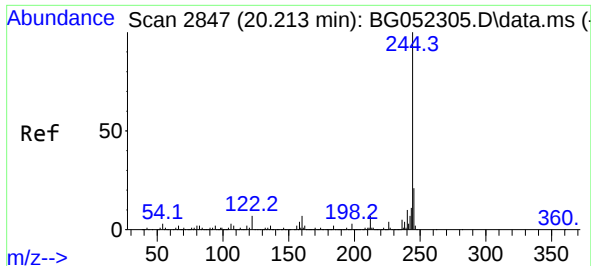
Tgt Ion:240 Resp: 165102
Ion Ratio Lower Upper
240 100
120 6.2 4.4 6.6
236 26.4 20.8 31.2



#78
Pyrene
Concen: 4.408 ng
RT: 20.037 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion:202 Resp: 48695
Ion Ratio Lower Upper
202 100
200 19.0 17.4 26.2
203 23.4 14.5 21.7#

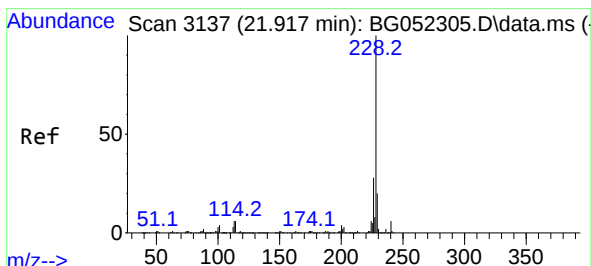
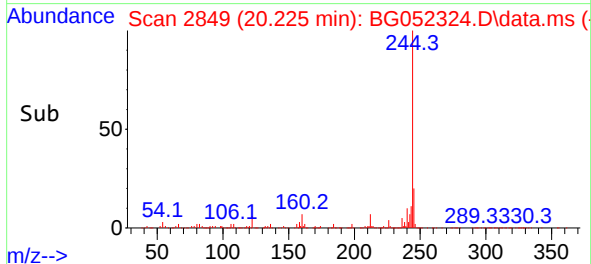
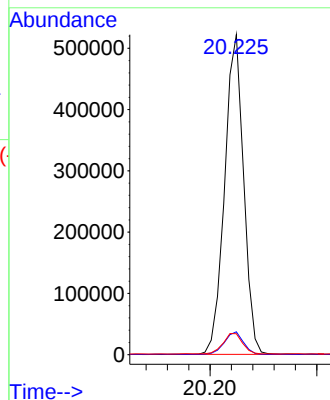
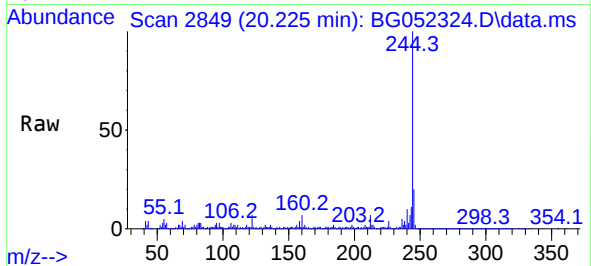




#79
 Terphenyl-d14
 Concen: 68.835 ng
 RT: 20.225 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BG052324.D
 Acq: 8 Feb 2022 18:12

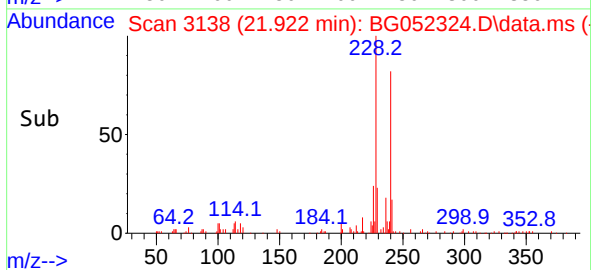
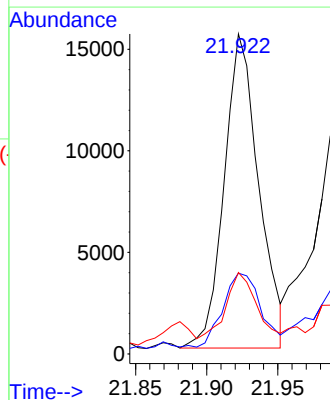
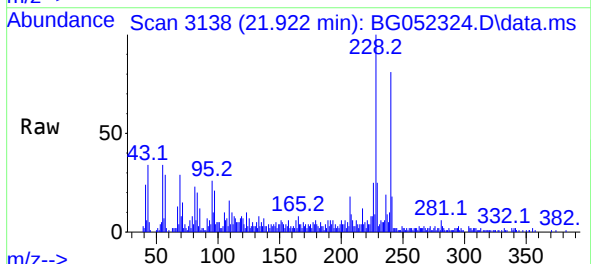
Instrument :
 BNA_G
 ClientSampleId :
 SB-7

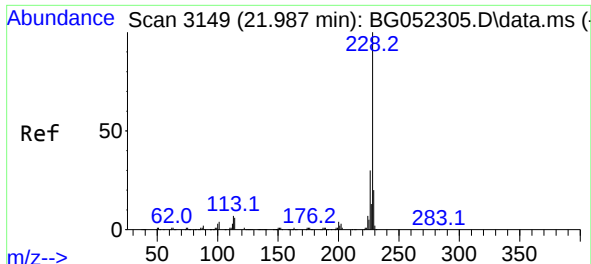
Tgt Ion:244 Resp: 643583
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.6 6.2 9.4



#81
 Benzo(a)anthracene
 Concen: 2.390 ng
 RT: 21.922 min Scan# 3138
 Delta R.T. 0.006 min
 Lab File: BG052324.D
 Acq: 8 Feb 2022 18:12

Tgt Ion:228 Resp: 26117
 Ion Ratio Lower Upper
 228 100
 226 25.2 21.6 32.4
 229 25.4 16.0 24.0#

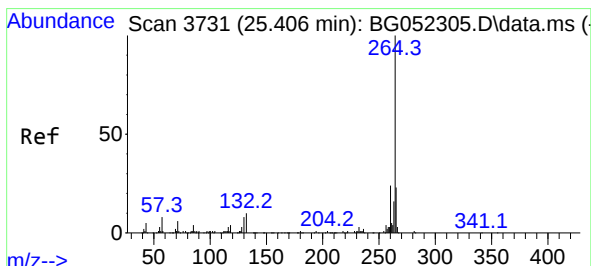
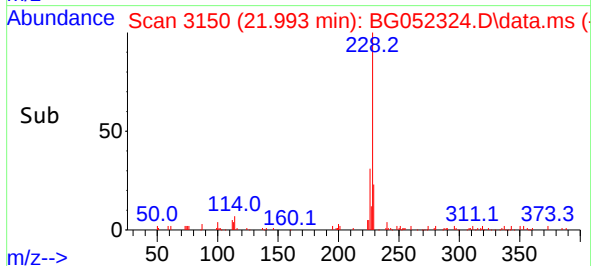
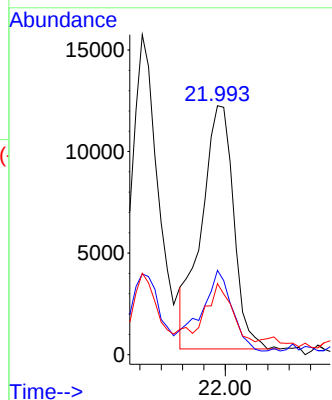
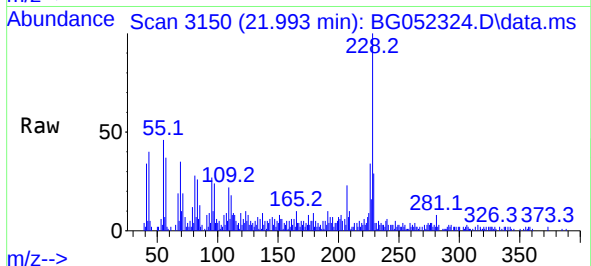




#83
Chrysene
Concen: 2.445 ng
RT: 21.993 min Scan# 3149
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

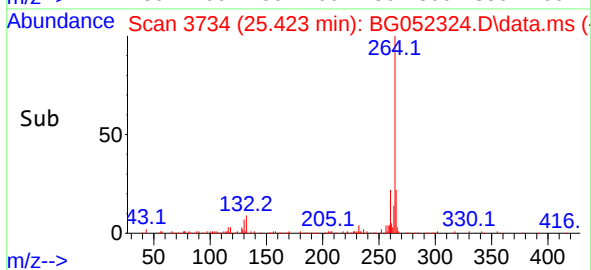
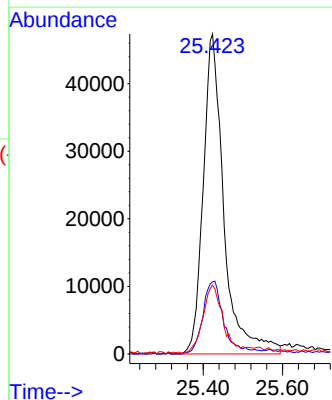
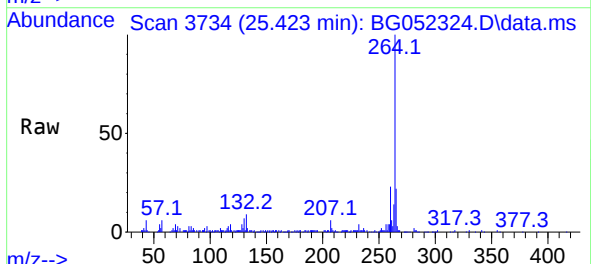
Instrument :
BNA_G
ClientSampleId :
SB-7

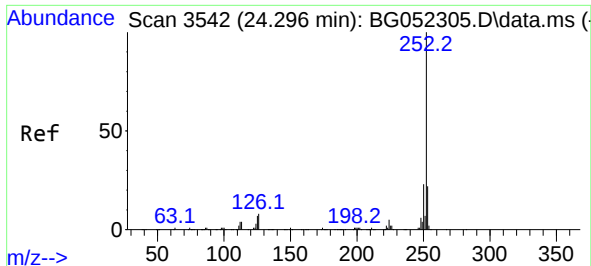
Tgt Ion:228 Resp: 25310
Ion Ratio Lower Upper
228 100
226 33.9 24.1 36.1
229 28.6 16.4 24.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.423 min Scan# 3734
Delta R.T. 0.017 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Tgt Ion:264 Resp: 171051
Ion Ratio Lower Upper
264 100
260 22.5 18.5 27.7
265 21.5 17.8 26.6

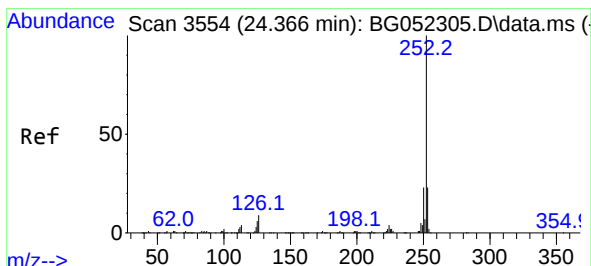
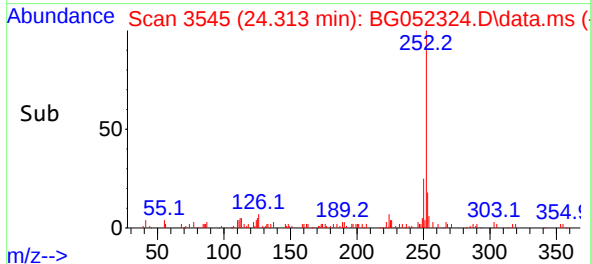
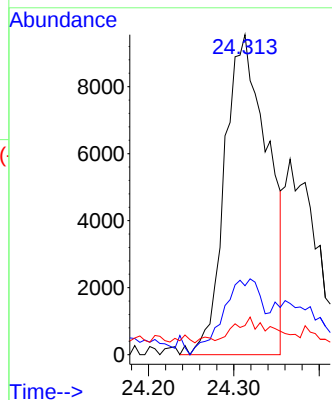
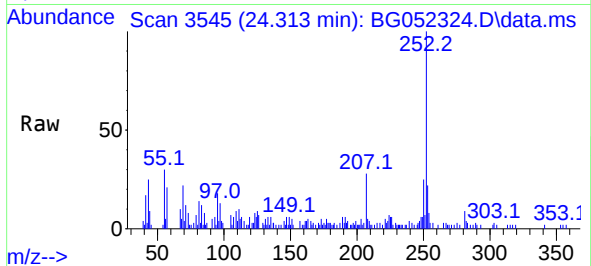




#88
Benzo(b)fluoranthene
Concen: 3.127 ng
RT: 24.313 min Scan# 3545
Delta R.T. 0.017 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

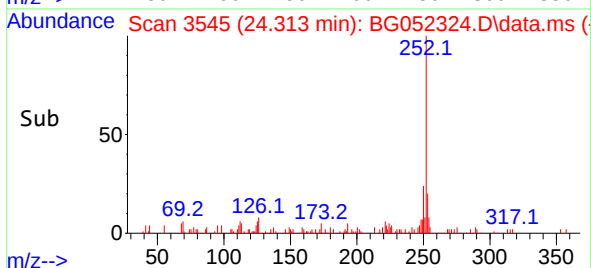
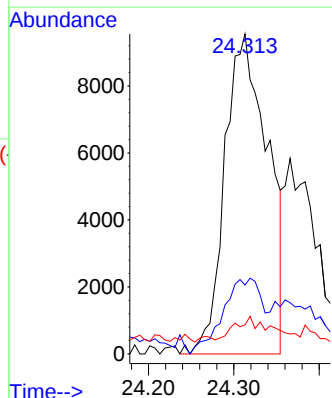
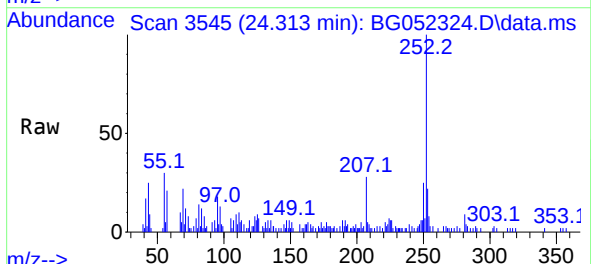
Instrument :
BNA_G
ClientSampleId :
SB-7

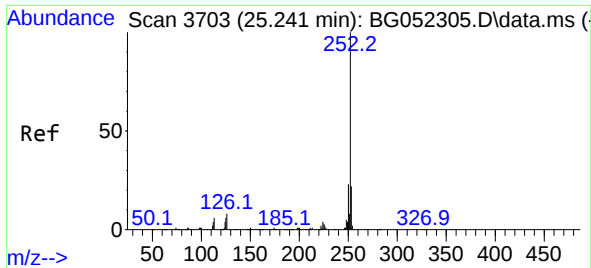
Tgt Ion:252 Resp: 33331
Ion Ratio Lower Upper
252 100
253 21.5 18.3 27.5
125 9.1 5.4 8.2#



#89
Benzo(k)fluoranthene
Concen: 3.165 ng
RT: 24.313 min Scan# 3545
Delta R.T. -0.053 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

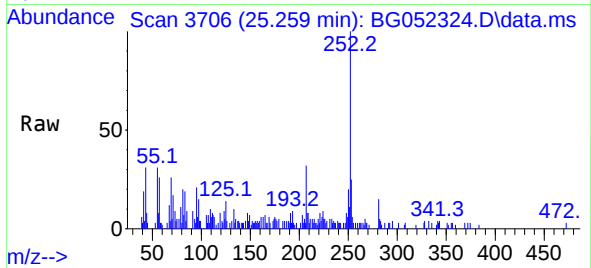
Tgt Ion:252 Resp: 33331
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.1 4.6 7.0#





#90
Benzo(a)pyrene
Concen: 2.353 ng
RT: 25.259 min Scan# 31
Delta R.T. 0.017 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Instrument :
BNA_G
ClientSampleId :
SB-7



Tgt Ion:252 Resp: 21188
Ion Ratio Lower Upper
252 100
253 24.9 17.5 26.3
125 13.7 5.0 7.6#

