

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052319.D
 Acq On : 8 Feb 2022 15:02
 Operator : CG/JU
 Sample : N1391-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-020322

Quant Time: Feb 08 15:38:53 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)

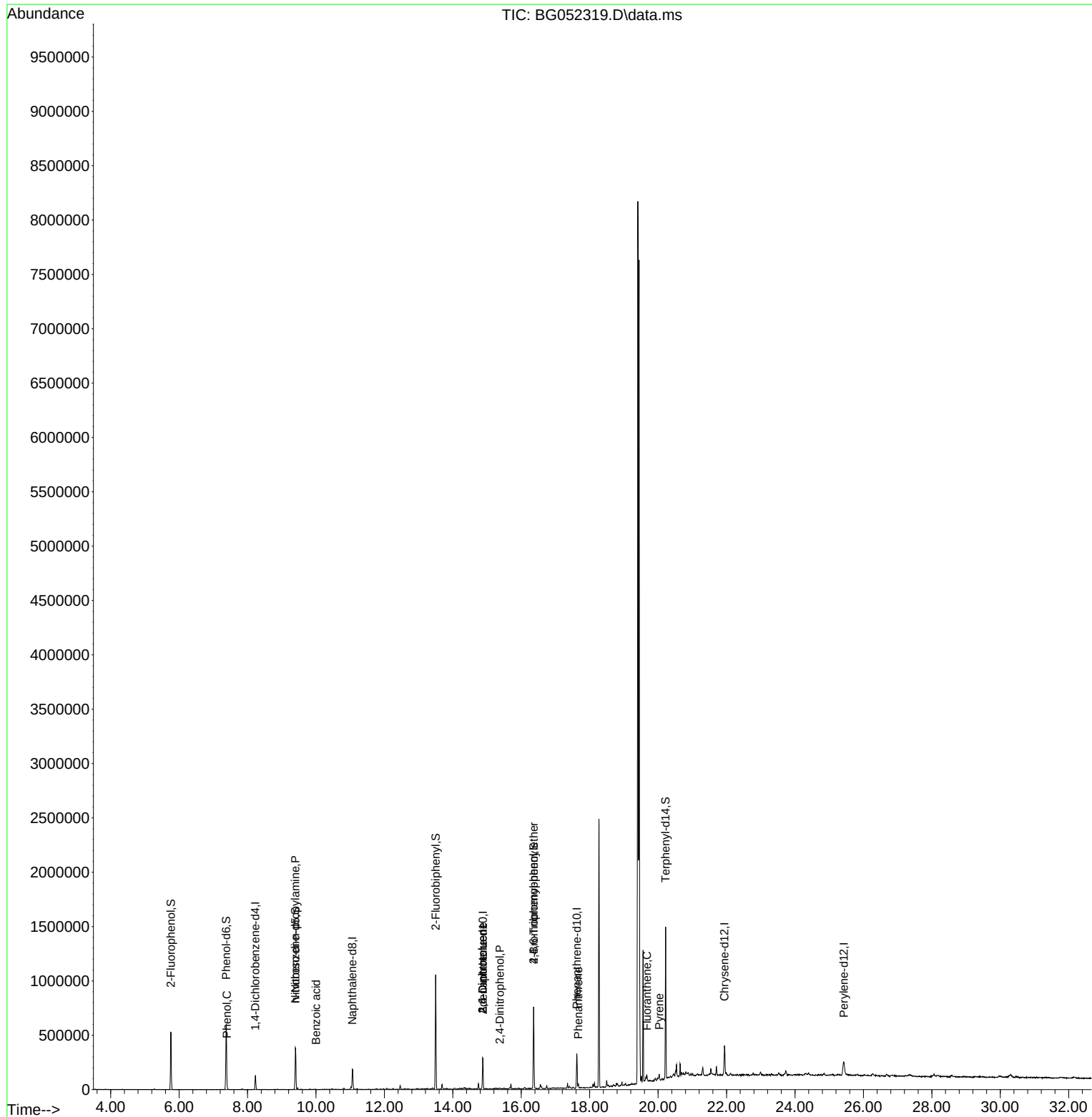
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	36764	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	156007	20.000	ng	0.00
39) Acenaphthene-d10	14.879	164	100586	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	211597	20.000	ng	0.00
76) Chrysene-d12	21.940	240	177051	20.000	ng	0.00
86) Perylene-d12	25.423	264	168361	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	227872	108.027	ng	0.00
7) Phenol-d6	7.377	99	338443	103.986	ng	0.00
23) Nitrobenzene-d5	9.398	82	243807	67.921	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	153064	105.921	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	534025	73.772	ng	0.00
79) Terphenyl-d14	20.219	244	675754	67.398	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.371	77	756	Below Cal	#	8
10) Phenol	7.401	94	7660	2.369	ng	94
19) n-Nitroso-di-n-propyla...	9.398	70	35423	14.437	ng	# 71
32) Benzoic acid	10.003	122	57	6.013	ng	# 1
51) 2,6-Dinitrotoluene	14.873	165	14299	8.599	ng	# 17
54) 2,4-Dinitrophenol	15.372	184	57	4.954	ng	# 17
57) 2,4-Dinitrotoluene	14.873	165	14299	6.042	ng	# 16
67) 4-Bromophenyl-phenylether	16.365	248	9370	3.641	ng	# 1
71) Phenanthrene	17.669	178	25297	2.319	ng	# 93
75) Fluoranthene	19.672	202	33015	2.377	ng	98
78) Pyrene	20.037	202	33026	2.788	ng	99

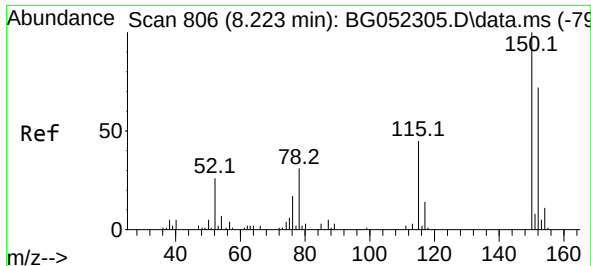
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
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BNA_G
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Quant Time: Feb 08 15:38:53 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

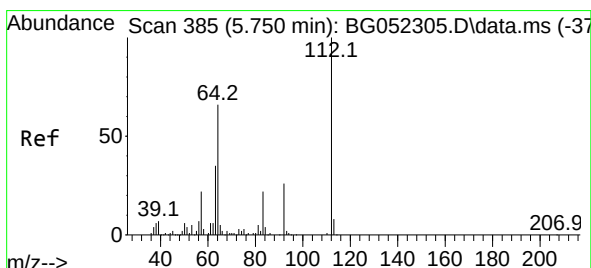
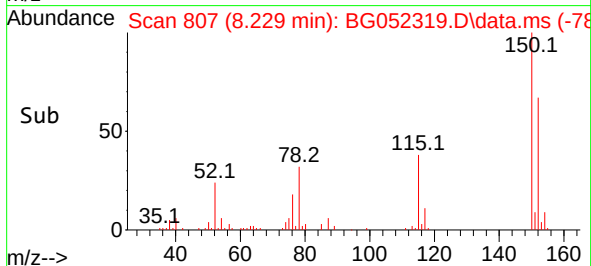
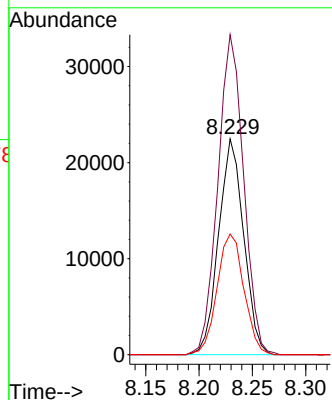
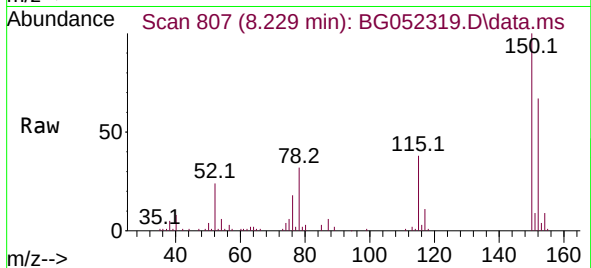




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

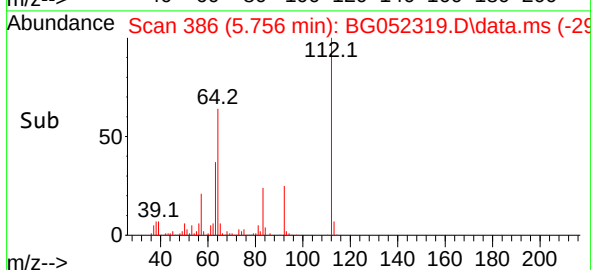
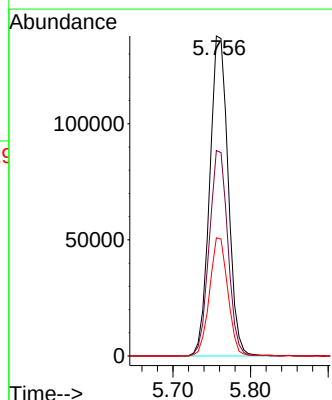
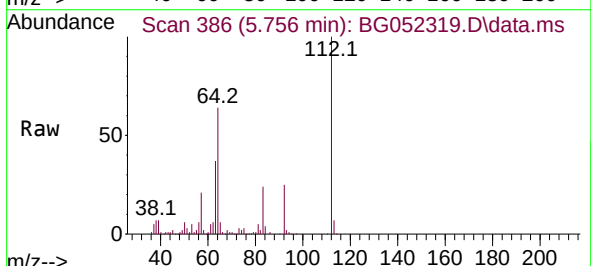
Instrument :
BNA_G
ClientSampleId :
TR-08-020322

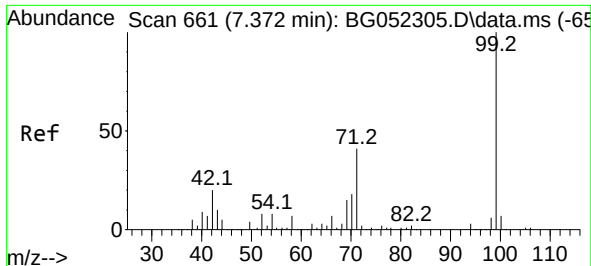
Tgt Ion:152 Resp: 36764
Ion Ratio Lower Upper
152 100
150 148.3 117.8 176.8
115 55.9 50.2 75.2



#5
2-Fluorophenol
Concen: 108.027 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

Tgt Ion:112 Resp: 227872
Ion Ratio Lower Upper
112 100
64 64.2 60.4 90.6
63 36.9 33.3 49.9

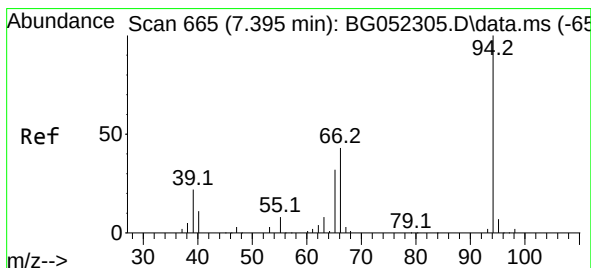
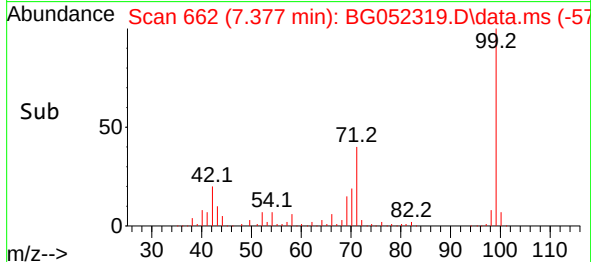
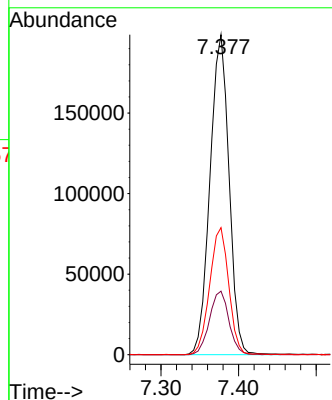
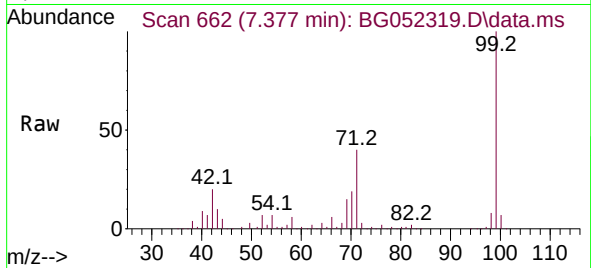




#7
Phenol-d6
Concen: 103.986 ng
RT: 7.377 min Scan# 661
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

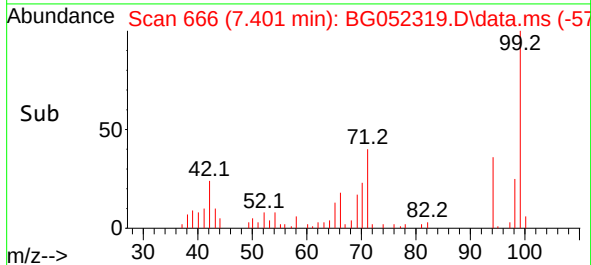
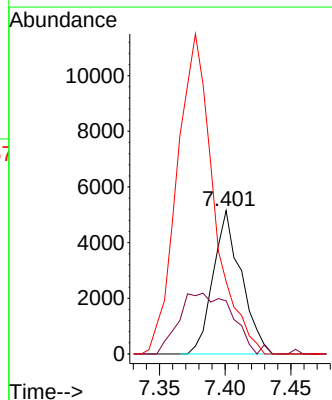
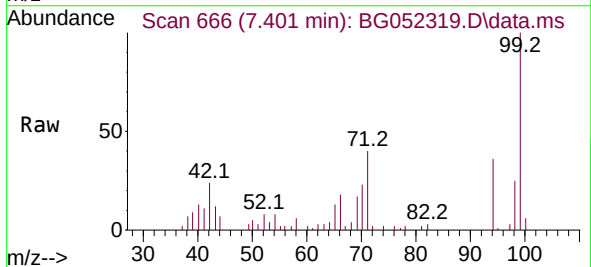
Instrument :
BNA_G
ClientSampleId :
TR-08-020322

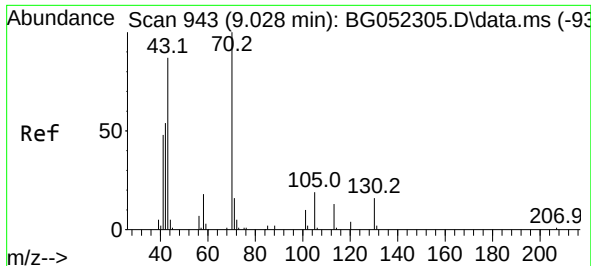
Tgt Ion: 99 Resp: 338443
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 39.7 33.4 50.2



#10
Phenol
Concen: 2.369 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

Tgt Ion: 94 Resp: 7660
Ion Ratio Lower Upper
94 100
65 37.0 14.1 54.1
66 50.5 26.6 66.6

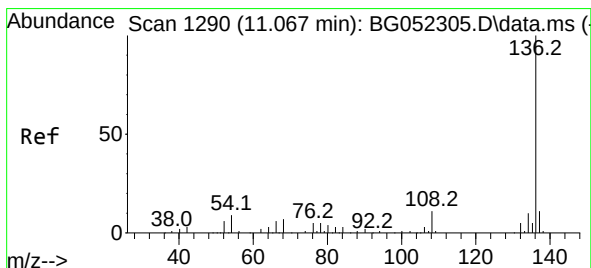
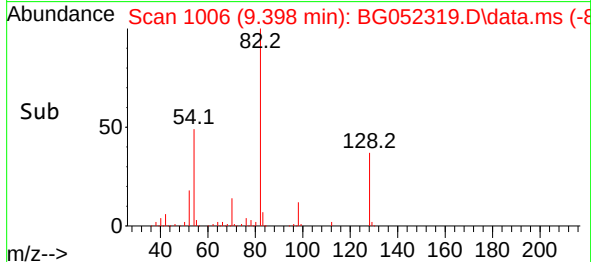
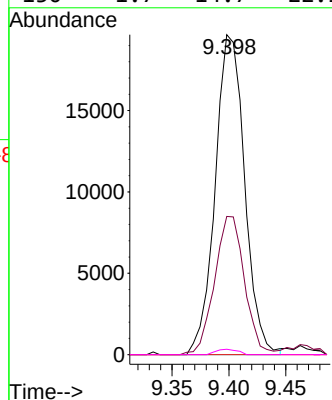
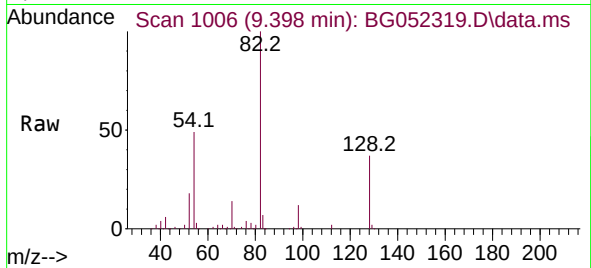




#19
n-Nitroso-di-n-propylamine
Concen: 14.437 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

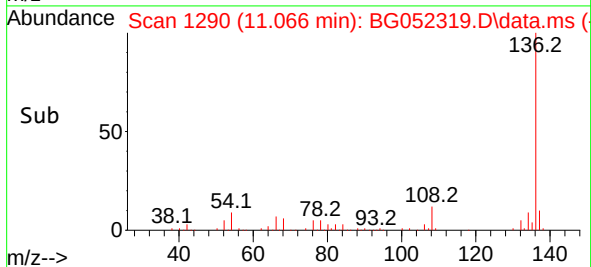
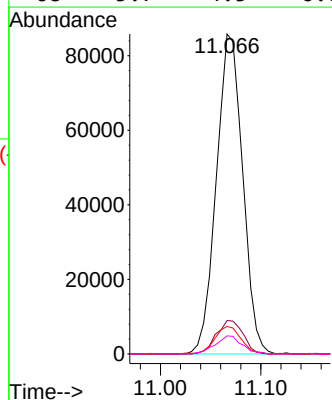
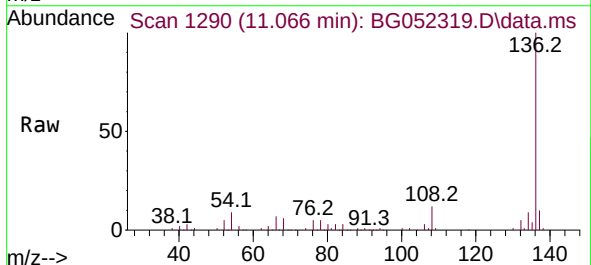
Instrument :
BNA_G
ClientSampleId :
TR-08-020322

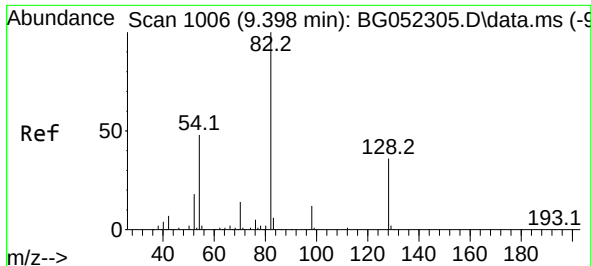
Tgt Ion: 70 Resp: 35423
Ion Ratio Lower Upper
70 100
42 43.2 51.8 77.6#
101 0.0 6.6 10.0#
130 1.7 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

Tgt Ion: 136 Resp: 156007
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 8.6 8.3 12.5
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 67.921 ng

RT: 9.398 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BG052319.D

Acq: 8 Feb 2022 15:02

Instrument :

BNA_G

ClientSampleId :

TR-08-020322

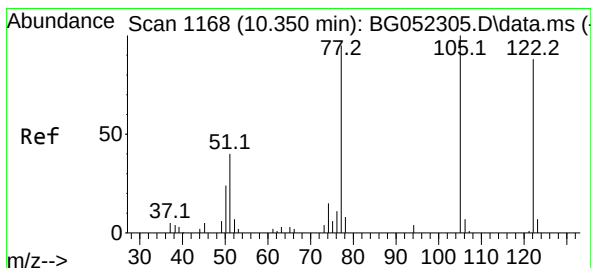
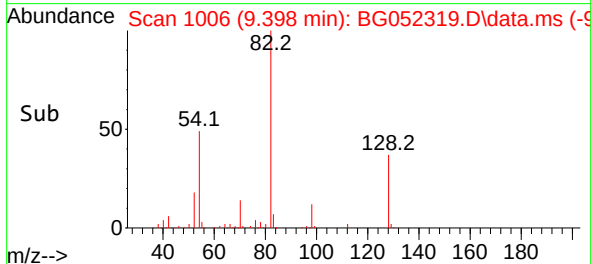
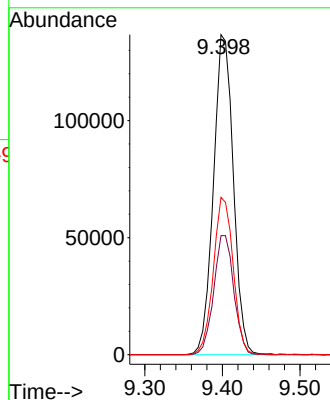
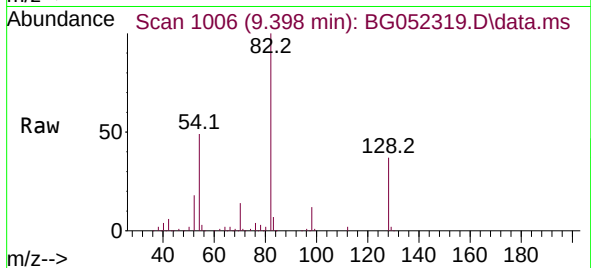
Tgt Ion: 82 Resp: 243807

Ion Ratio Lower Upper

82 100

128 37.2 27.0 40.4

54 49.2 41.0 61.6



#32

Benzoic acid

Concen: 6.013 ng

RT: 10.003 min Scan# 1109

Delta R.T. -0.347 min

Lab File: BG052319.D

Acq: 8 Feb 2022 15:02

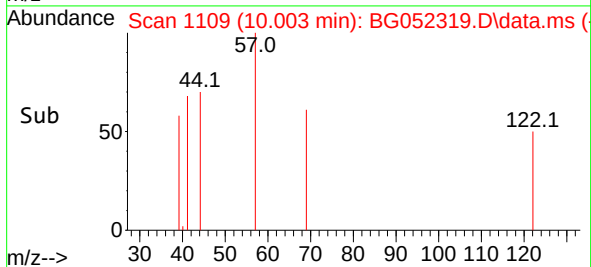
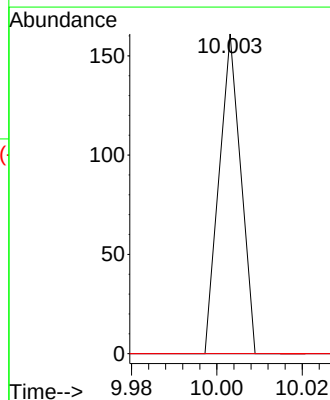
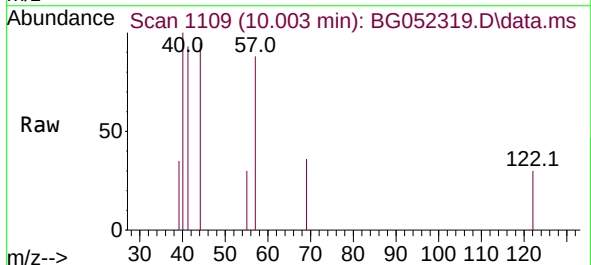
Tgt Ion:122 Resp: 57

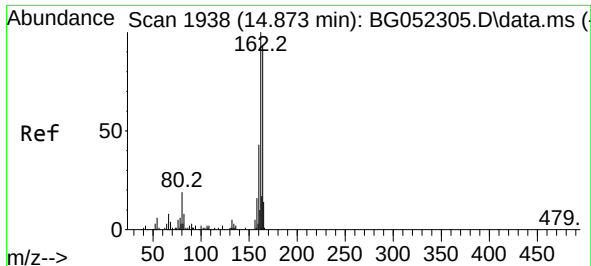
Ion Ratio Lower Upper

122 100

105 0.0 109.2 149.2#

77 0.0 92.8 132.8#

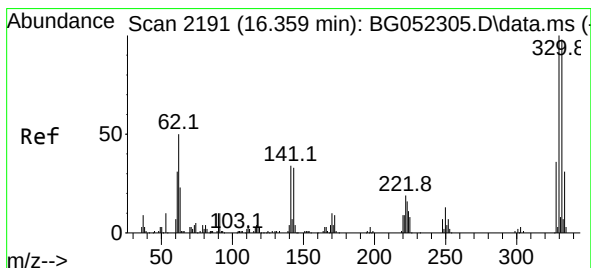
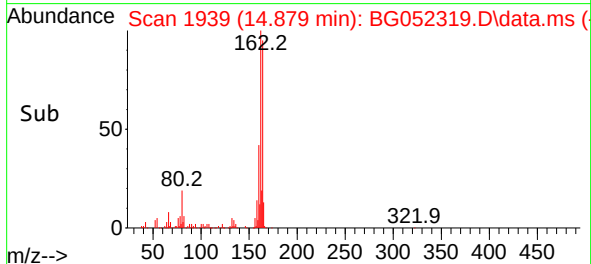
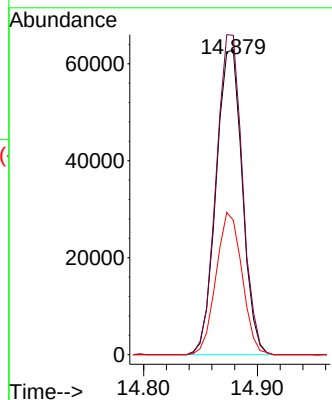
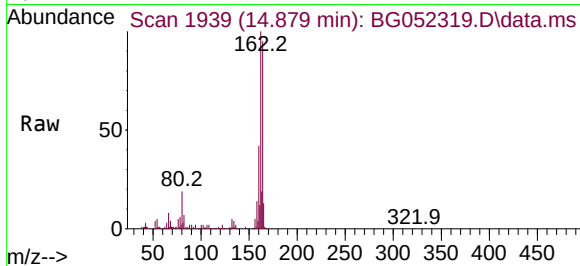




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.879 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

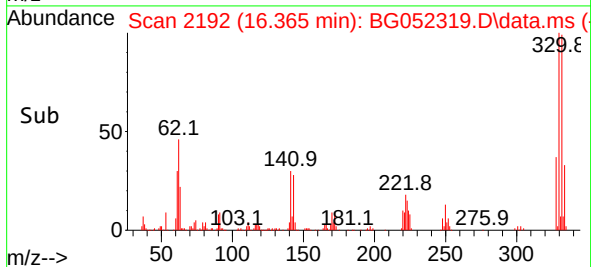
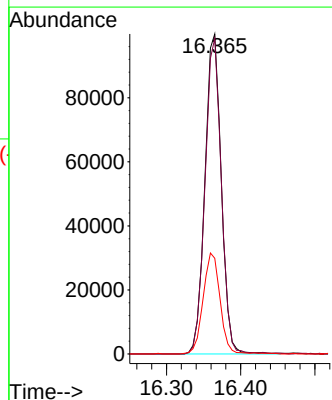
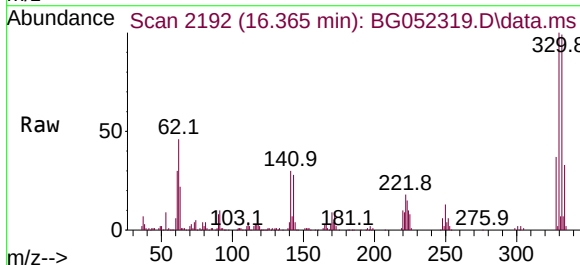
Instrument :
BNA_G
ClientSampleId :
TR-08-020322

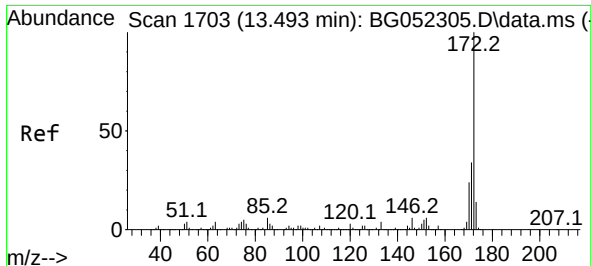
Tgt Ion:164 Resp: 100586
Ion Ratio Lower Upper
164 100
162 104.8 82.2 123.2
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 105.921 ng
RT: 16.365 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

Tgt Ion:330 Resp: 153064
Ion Ratio Lower Upper
330 100
332 97.7 78.6 117.8
141 32.5 28.8 43.2

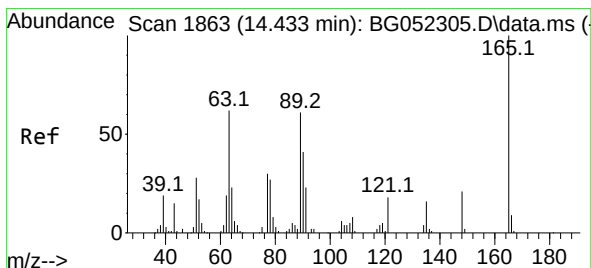
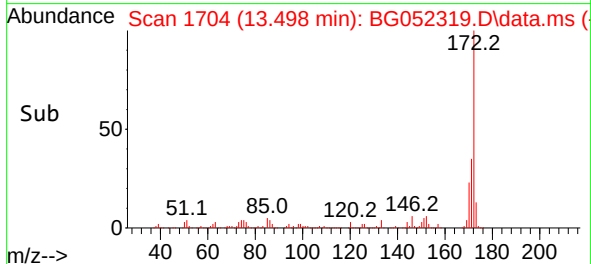
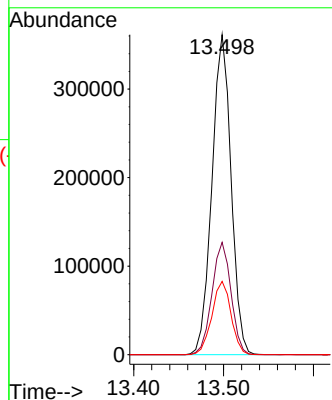
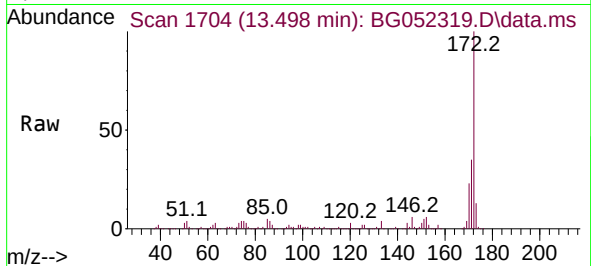




#45
2-Fluorobiphenyl
Concen: 73.772 ng
RT: 13.498 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

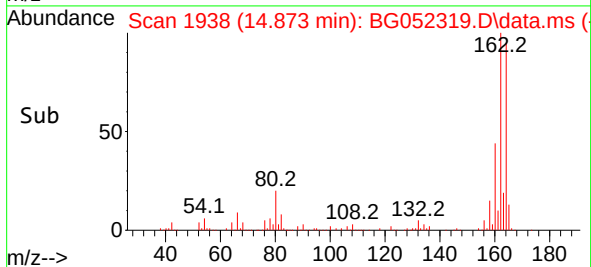
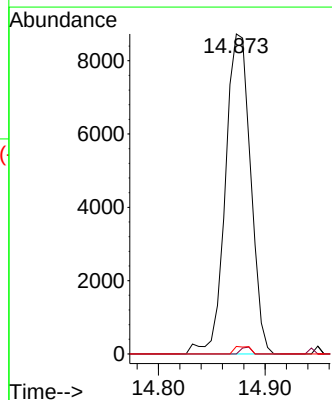
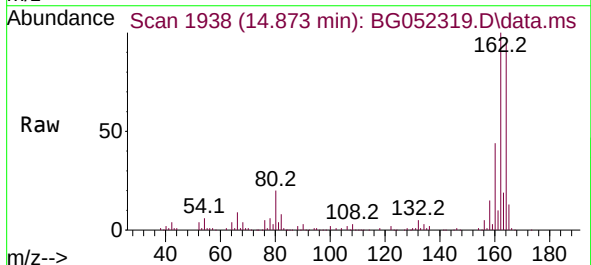
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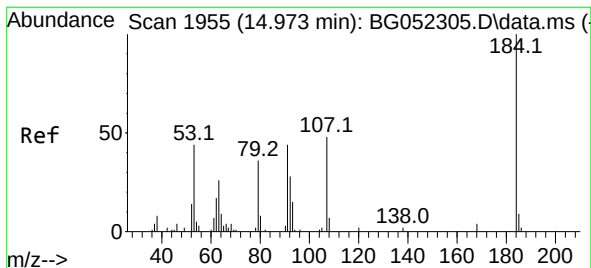
Tgt Ion:172 Resp: 534025
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.599 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.440 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

Tgt Ion:165 Resp: 14299
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 2.3 49.4 74.0#

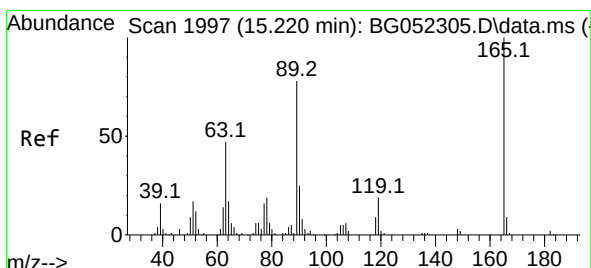
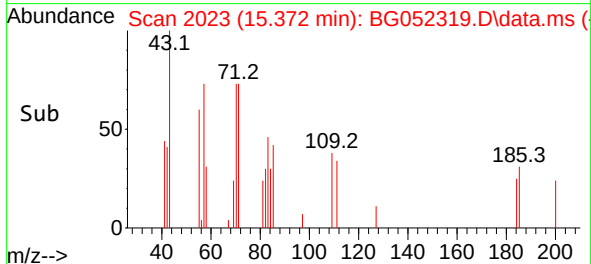
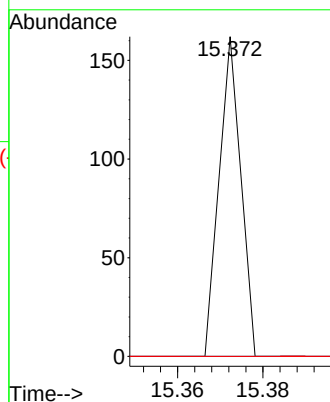
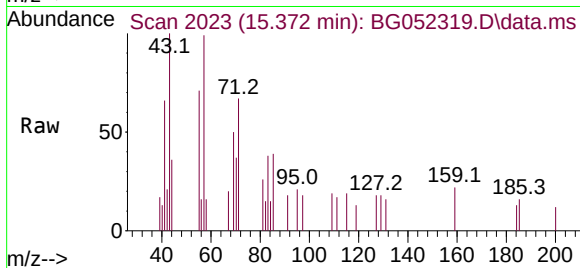




#54
2,4-Dinitrophenol
Concen: 4.954 ng
RT: 15.372 min Scan# 20
Delta R.T. 0.399 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

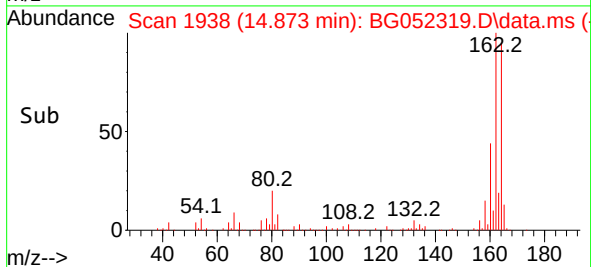
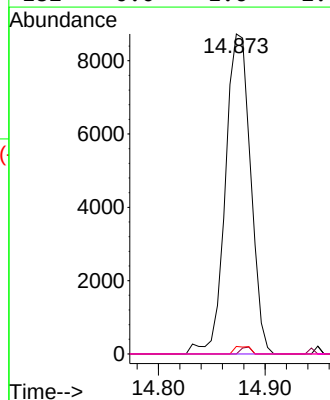
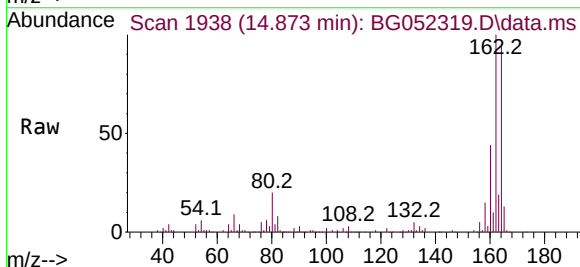
Instrument :
BNA_G
ClientSampleId :
TR-08-020322

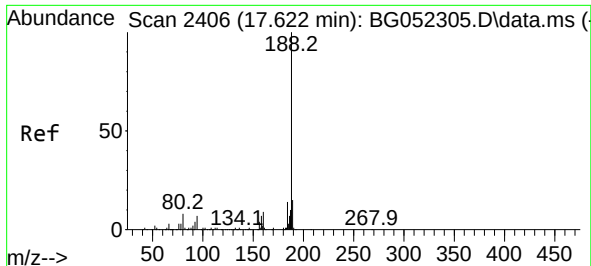
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 56.0 84.0#
154 0.0 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 6.042 ng
RT: 14.873 min Scan# 1938
Delta R.T. -0.347 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

Tgt Ion:165 Resp: 14299
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.3 67.4 101.0#
182 0.0 1.6 2.4#

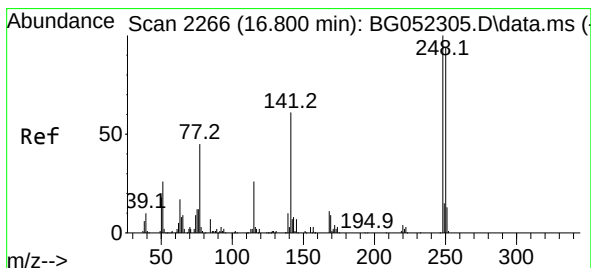
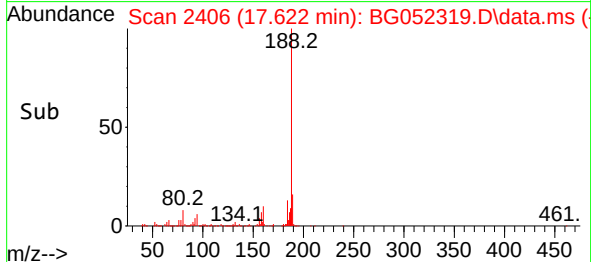
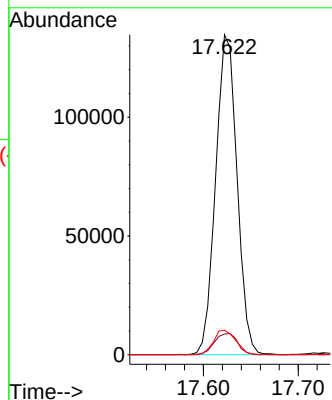
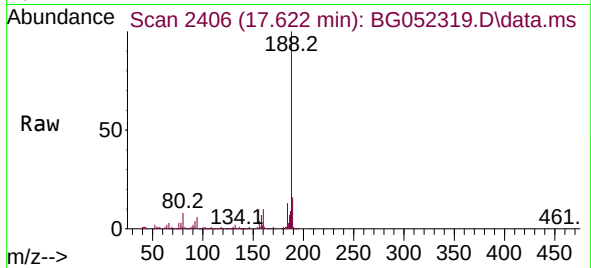




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

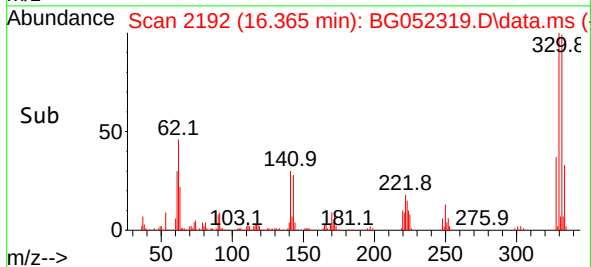
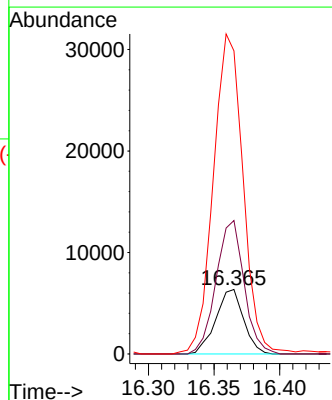
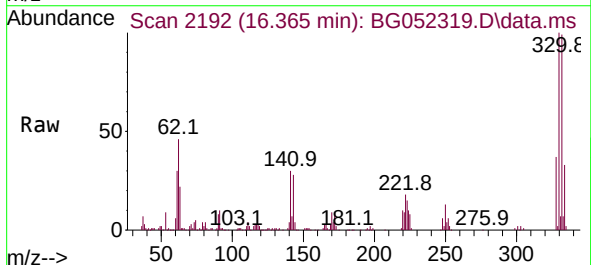
Instrument :
BNA_G
ClientSampleId :
TR-08-020322

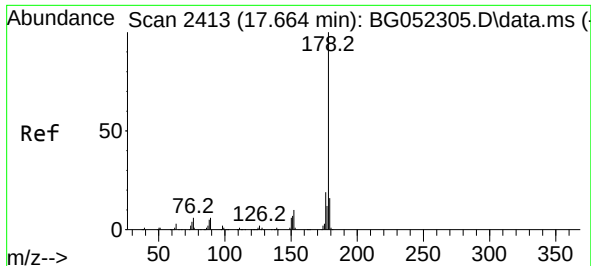
Tgt Ion:188 Resp: 211597
Ion Ratio Lower Upper
188 100
94 6.4 5.9 8.9
80 7.7 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.641 ng
RT: 16.365 min Scan# 2192
Delta R.T. -0.435 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

Tgt Ion:248 Resp: 9370
Ion Ratio Lower Upper
248 100
250 207.1 79.6 119.4#
141 470.4 54.6 81.8#

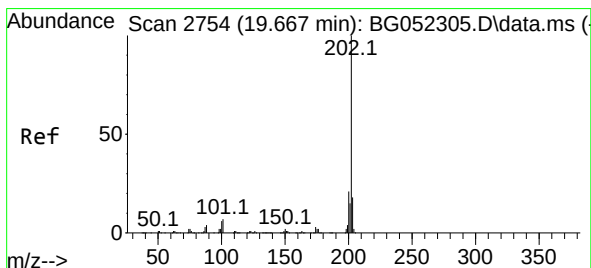
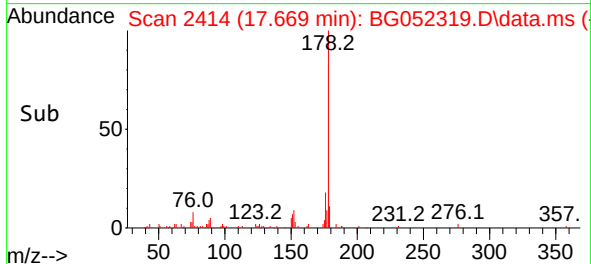
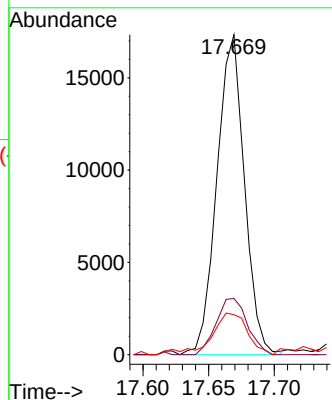
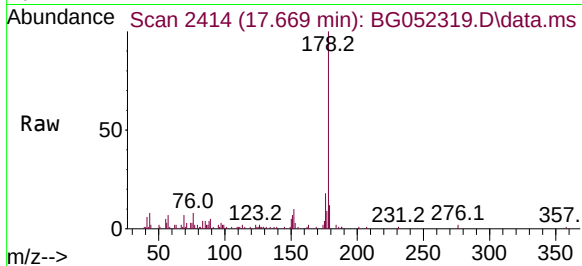




#71
Phenanthrene
Concen: 2.319 ng
RT: 17.669 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

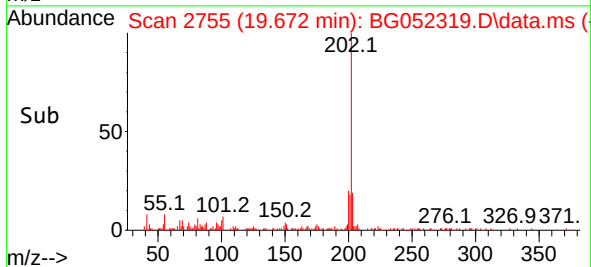
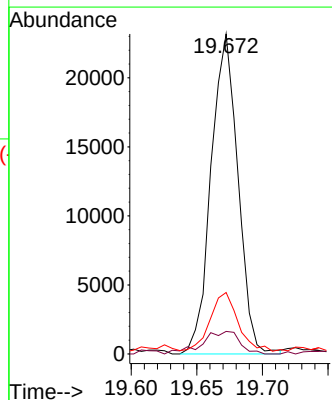
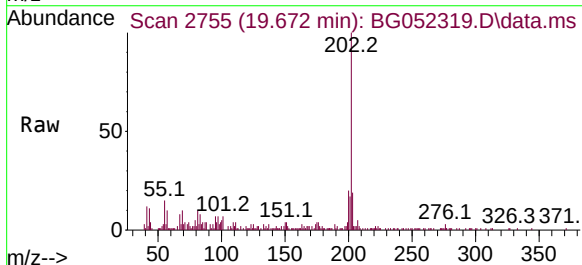
Instrument :
BNA_G
ClientSampleId :
TR-08-020322

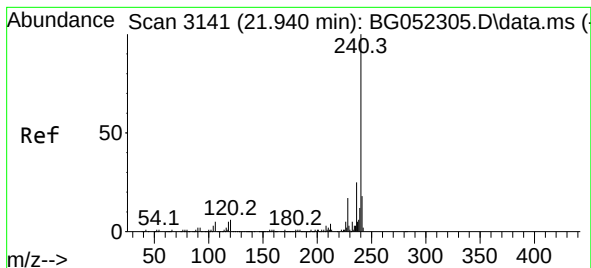
Tgt Ion:178 Resp: 25297
Ion Ratio Lower Upper
178 100
176 17.6 16.6 25.0
179 12.5 12.6 18.8#



#75
Fluoranthene
Concen: 2.377 ng
RT: 19.672 min Scan# 2755
Delta R.T. 0.006 min
Lab File: BG052319.D
Acq: 8 Feb 2022 15:02

Tgt Ion:202 Resp: 33015
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.1
203 19.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.940 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BG052319.D

Acq: 8 Feb 2022 15:02

Instrument :

BNA_G

ClientSampleId :

TR-08-020322

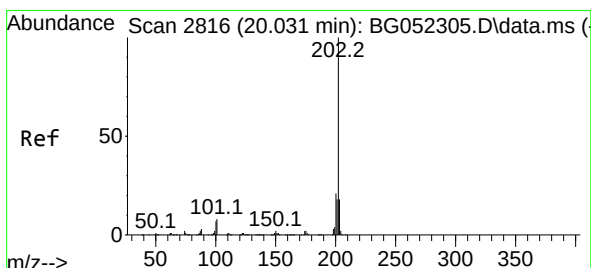
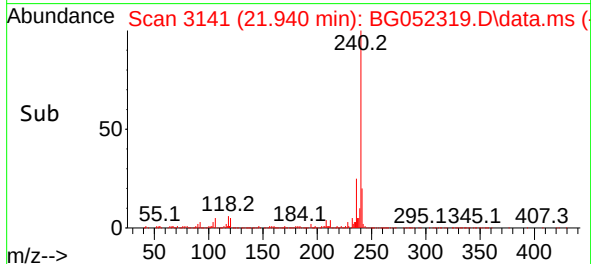
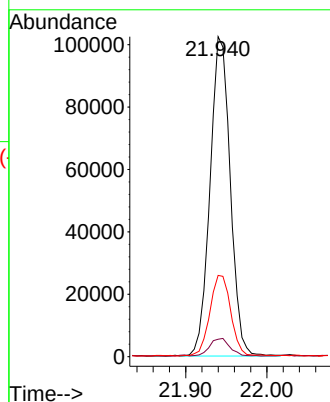
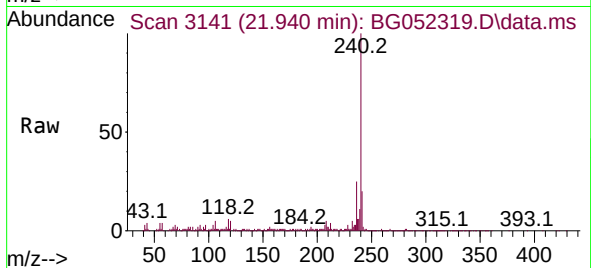
Tgt Ion:240 Resp: 177051

Ion Ratio Lower Upper

240 100

120 5.4 4.4 6.6

236 25.4 20.8 31.2



#78

Pyrene

Concen: 2.788 ng

RT: 20.037 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BG052319.D

Acq: 8 Feb 2022 15:02

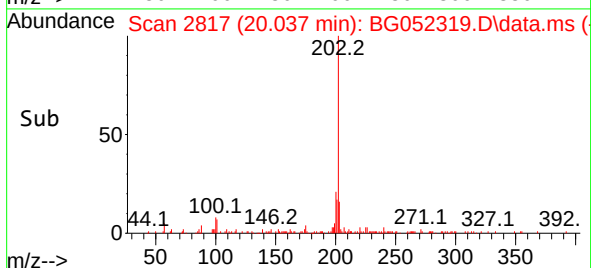
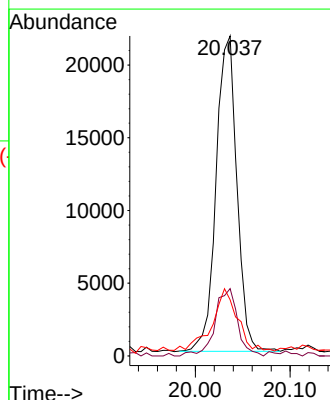
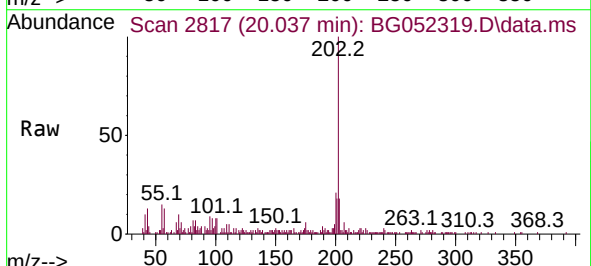
Tgt Ion:202 Resp: 33026

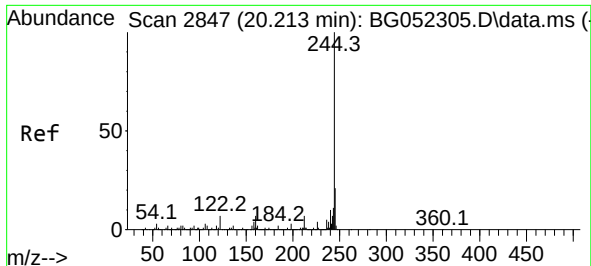
Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

203 17.5 14.5 21.7

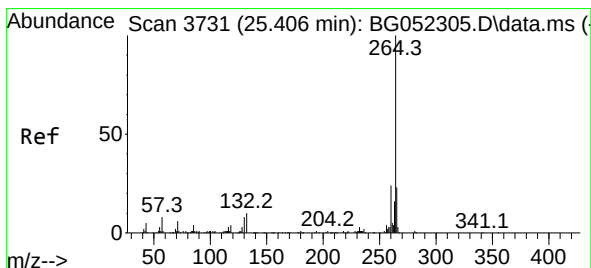
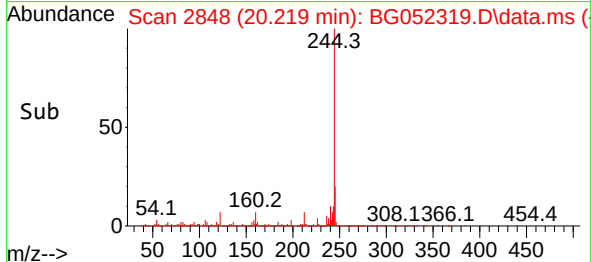
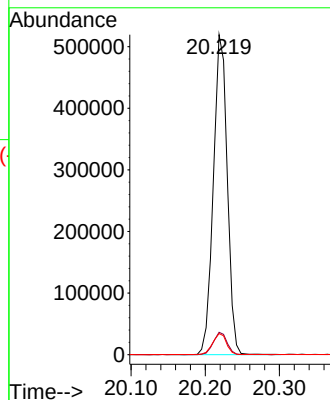
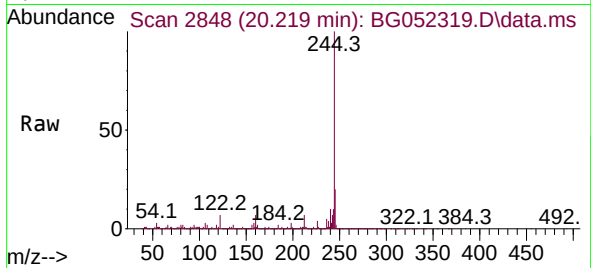




#79
 Terphenyl-d14
 Concen: 67.398 ng
 RT: 20.219 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG052319.D
 Acq: 8 Feb 2022 15:02

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-020322

Tgt Ion:244 Resp: 675754
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 6.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.423 min Scan# 3734
 Delta R.T. 0.017 min
 Lab File: BG052319.D
 Acq: 8 Feb 2022 15:02

Tgt Ion:264 Resp: 168361
 Ion Ratio Lower Upper
 264 100
 260 26.2 18.5 27.7
 265 21.8 17.8 26.6

