

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
 Data File : BG052631.D
 Acq On : 10 Mar 2022 13:07
 Operator : CG/JU
 Sample : N1845-13RE 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-13RE

Quant Time: Mar 11 03:44:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

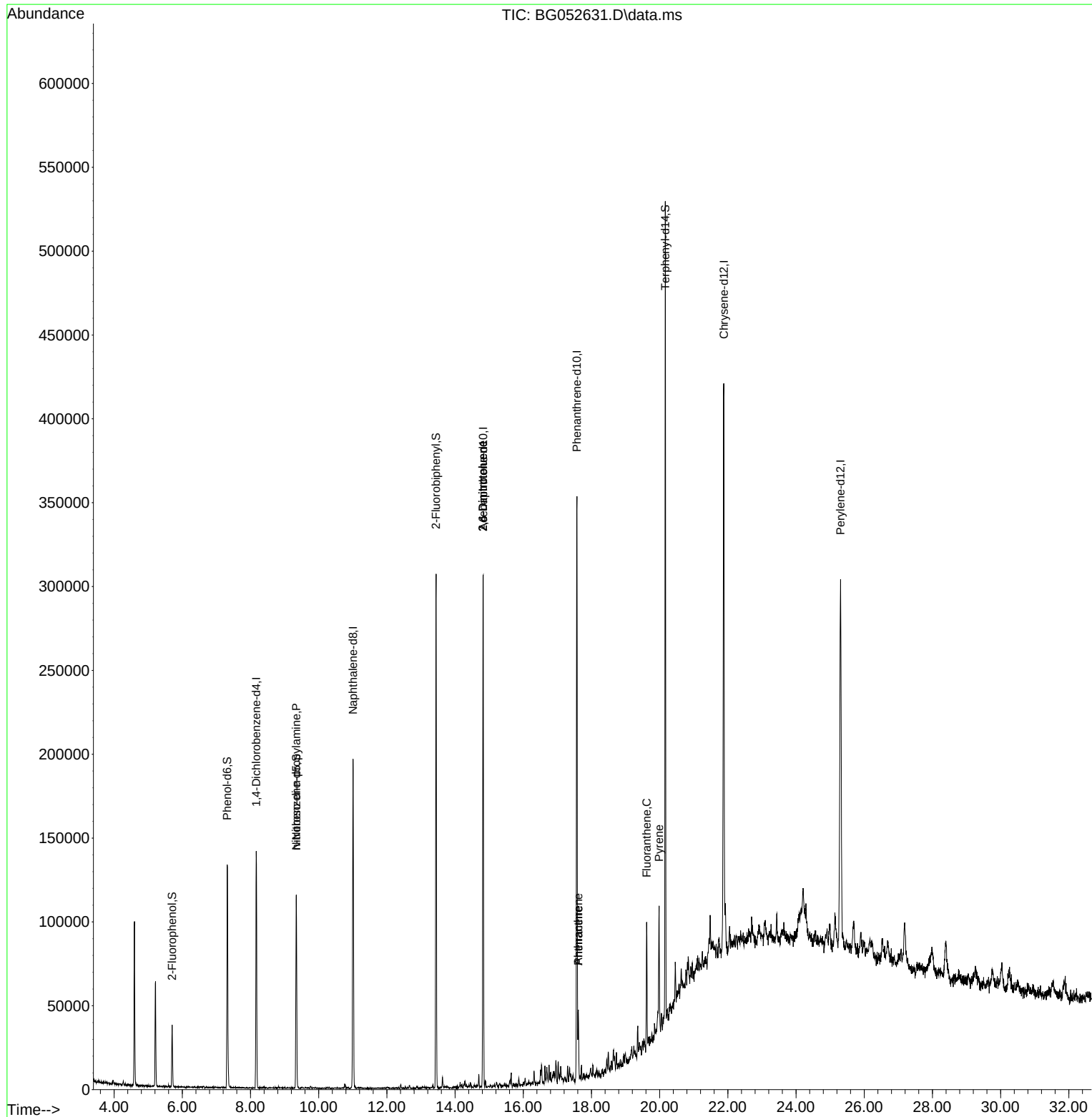
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	43598	20.000	ng	0.00
21) Naphthalene-d8	11.007	136	170753	20.000	ng	0.00
39) Acenaphthene-d10	14.826	164	109570	20.000	ng	0.00
64) Phenanthrene-d10	17.575	188	227915	20.000	ng	0.00
76) Chrysene-d12	21.881	240	224386	20.000	ng	0.00
86) Perylene-d12	25.306	264	232754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	17214	6.821	ng	0.00
7) Phenol-d6	7.318	99	79269	21.702	ng	0.00
23) Nitrobenzene-d5	9.345	82	76093	20.201	ng	0.00
42) 2,4,6-Tribromophenol	16.318	330	1695	1.091	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	166084	20.459	ng	0.00
79) Terphenyl-d14	20.165	244	252948	19.948	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.345	70	10642	4.305	ng	# 68
51) 2,6-Dinitrotoluene	14.820	165	15302	8.412	ng	# 24
57) 2,4-Dinitrotoluene	14.820	165	15302	5.977	ng	# 22
71) Phenanthrene	17.616	178	26539	2.219	ng	96
72) Anthracene	17.616	178	26539	2.267	ng	98
75) Fluoranthene	19.619	202	47021	3.149	ng	100
78) Pyrene	19.983	202	42806	2.854	ng	98

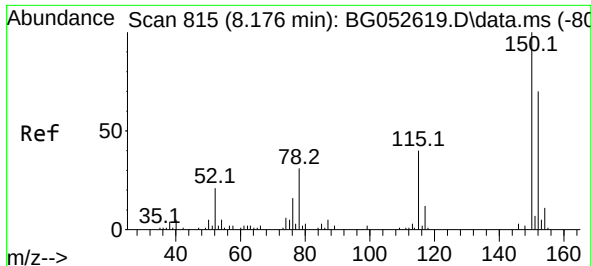
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 11 03:44:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration

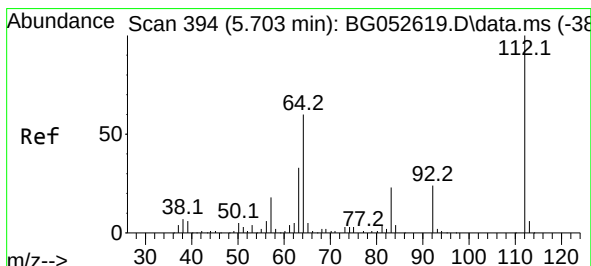
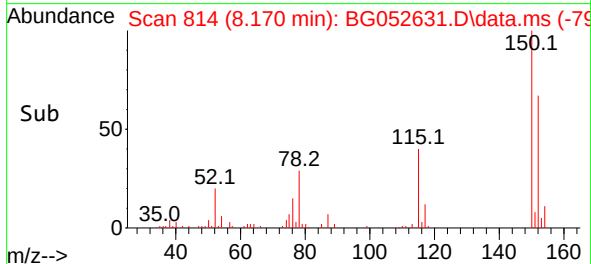
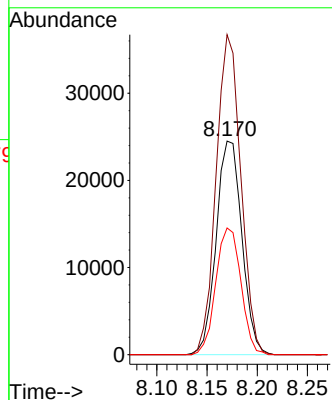
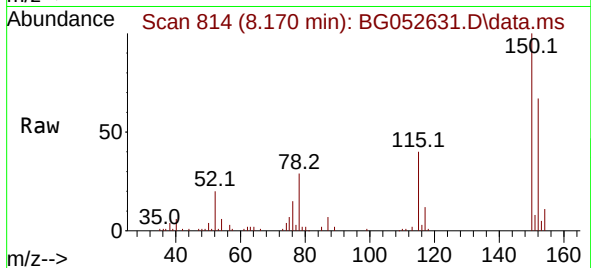




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 815
Delta R.T. -0.006 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

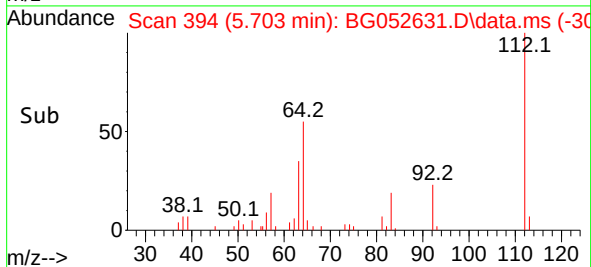
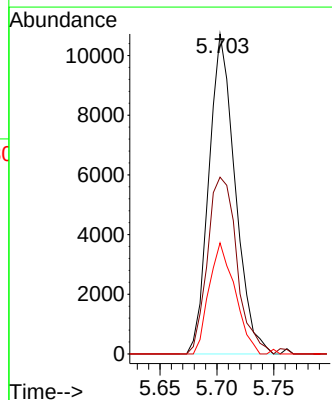
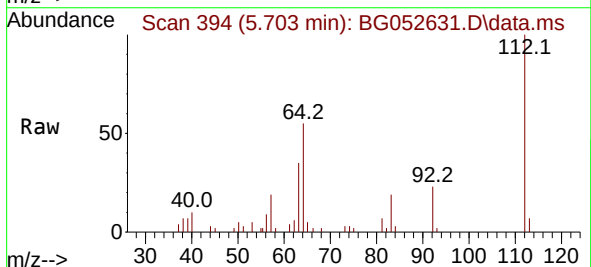
Instrument :
BNA_G
ClientSampleId :
SAMPLE-13RE

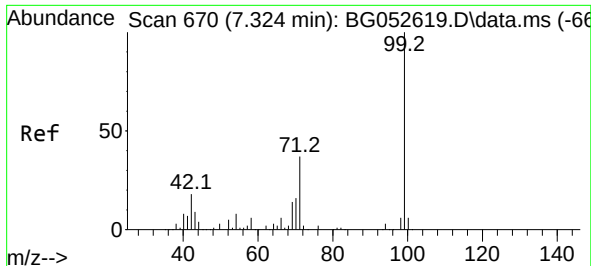
Tgt Ion:152 Resp: 43598
Ion Ratio Lower Upper
152 100
150 149.9 114.6 172.0
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 6.821 ng
RT: 5.703 min Scan# 394
Delta R.T. -0.000 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

Tgt Ion:112 Resp: 17214
Ion Ratio Lower Upper
112 100
64 55.3 48.0 72.0
63 34.7 26.5 39.7

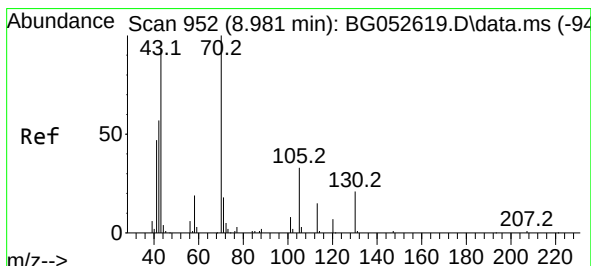
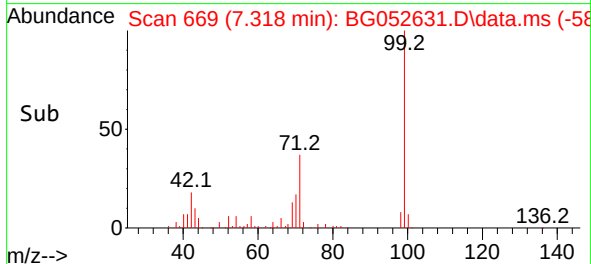
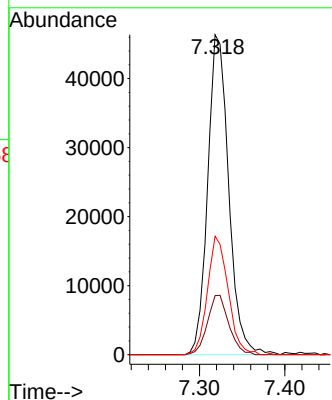
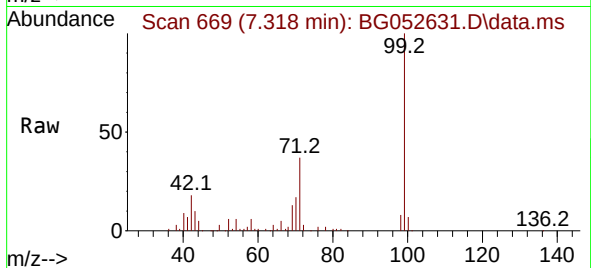




#7
Phenol-d6
Concen: 21.702 ng
RT: 7.318 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

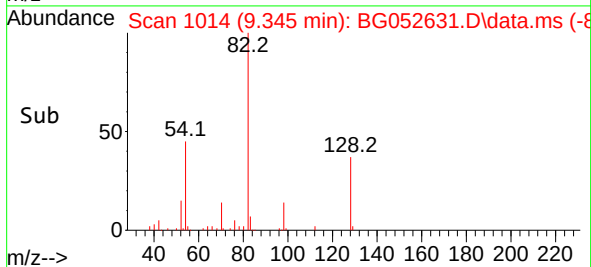
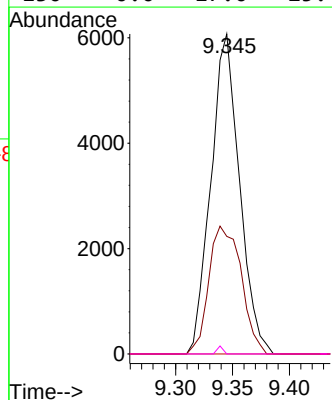
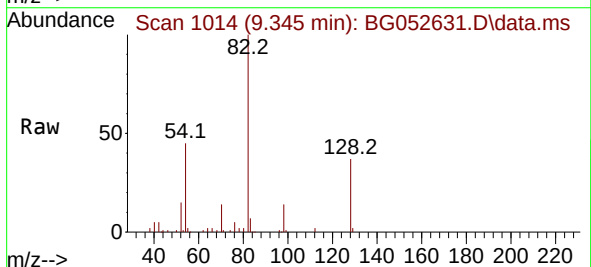
Instrument :
BNA_G
ClientSampleId :
SAMPLE-13RE

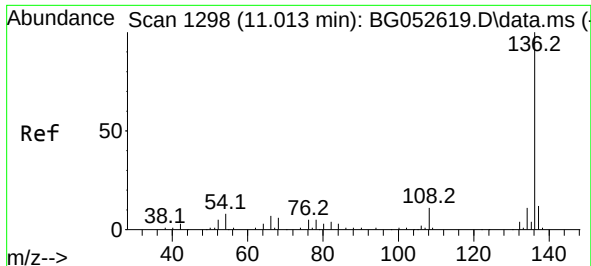
Tgt Ion: 99 Resp: 79269
Ion Ratio Lower Upper
99 100
42 18.5 14.7 22.1
71 37.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 4.305 ng
RT: 9.345 min Scan# 1014
Delta R.T. 0.364 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

Tgt Ion: 70 Resp: 10642
Ion Ratio Lower Upper
70 100
42 36.8 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#



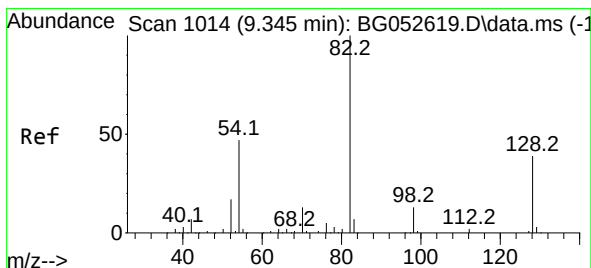
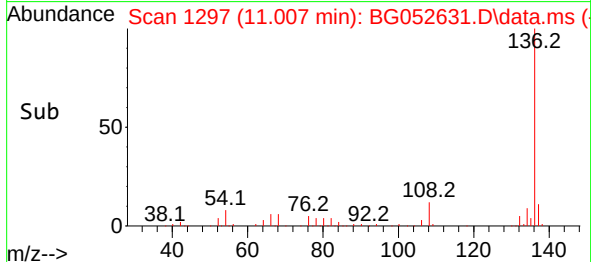
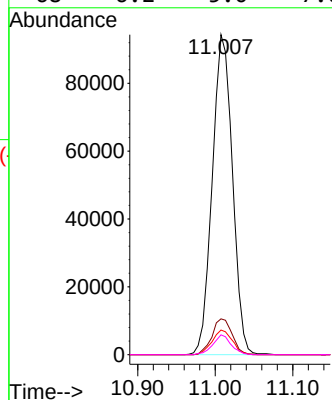
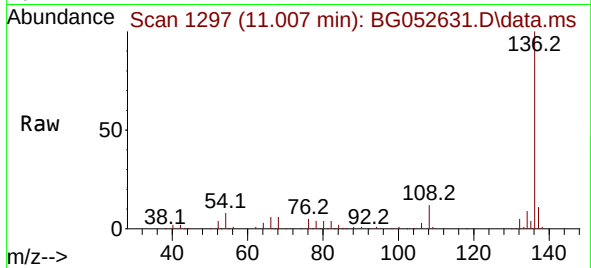


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

Instrument :
BNA_G
ClientSampleId :
SAMPLE-13RE

Tgt Ion:136 Resp: 170753

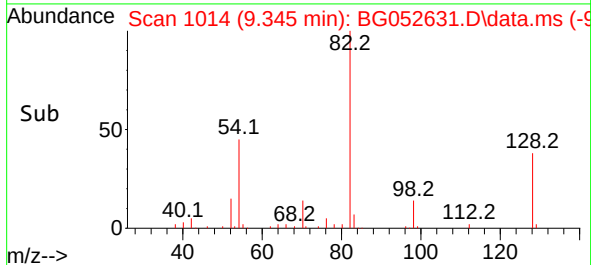
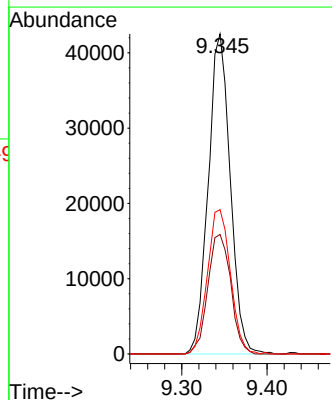
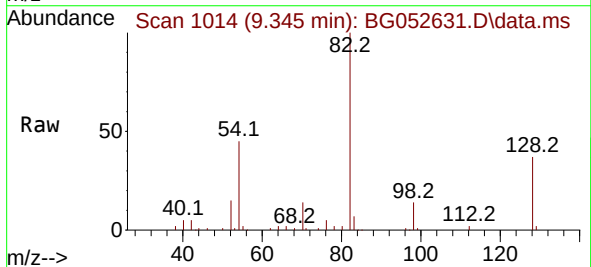
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	7.7	6.4	9.6
68	6.2	5.0	7.6

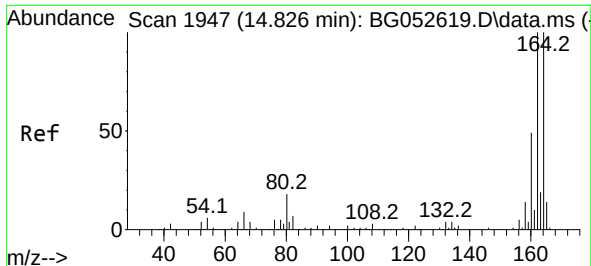


#23
Nitrobenzene-d5
Concen: 20.201 ng
RT: 9.345 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

Tgt Ion: 82 Resp: 76093

Ion	Ratio	Lower	Upper
82	100		
128	37.3	31.3	46.9
54	45.1	37.8	56.8

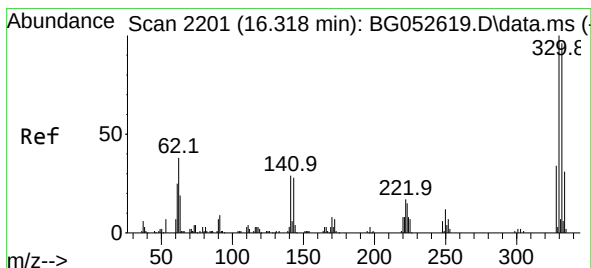
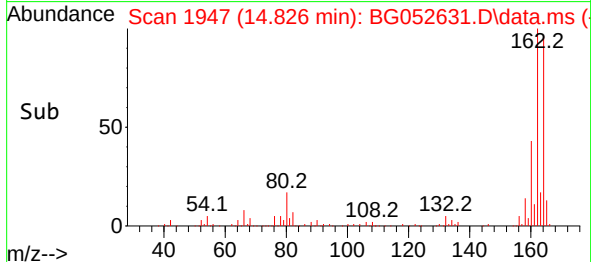
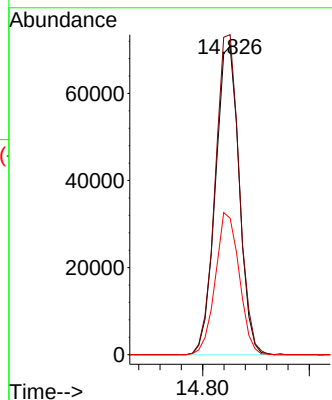
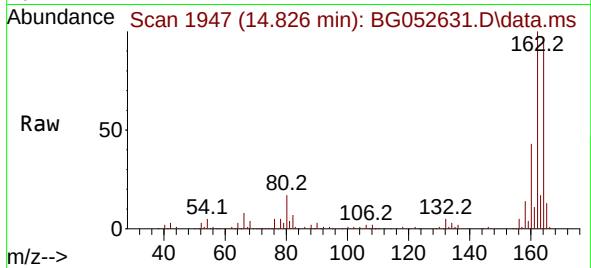




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.826 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

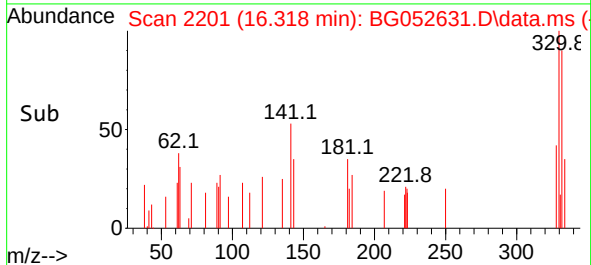
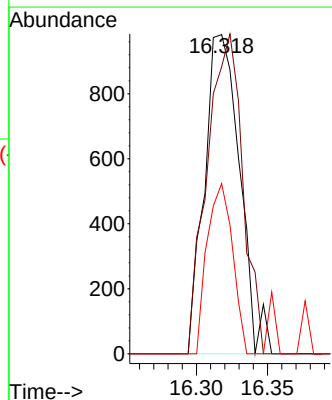
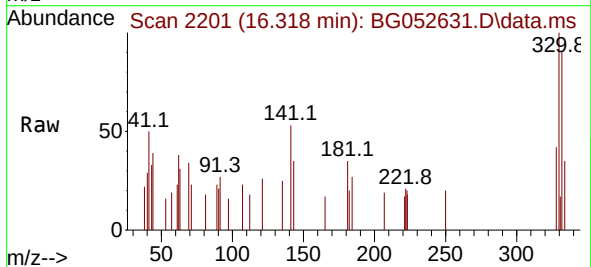
Instrument :
BNA_G
ClientSampleId :
SAMPLE-13RE

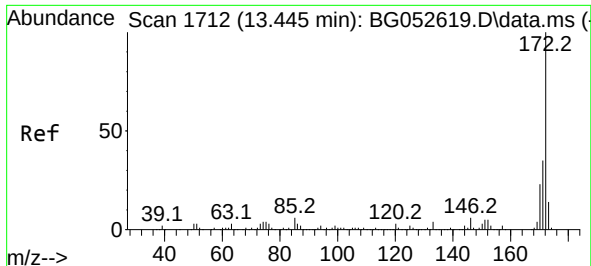
Tgt Ion:164 Resp: 109570
Ion Ratio Lower Upper
164 100
162 103.7 80.0 120.0
160 44.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 1.091 ng
RT: 16.318 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

Tgt Ion:330 Resp: 1695
Ion Ratio Lower Upper
330 100
332 100.6 75.8 113.6
141 38.4 24.6 36.8#





#45

2-Fluorobiphenyl

Concen: 20.459 ng

RT: 13.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG052631.D

Acq: 10 Mar 2022 13:07

Instrument :

BNA_G

ClientSampleId :

SAMPLE-13RE

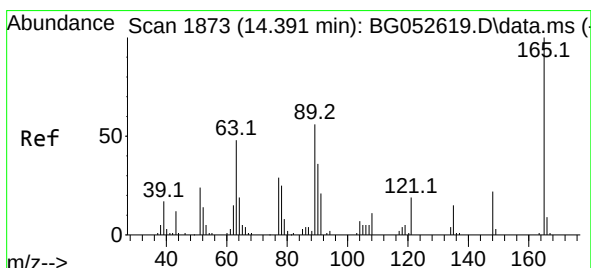
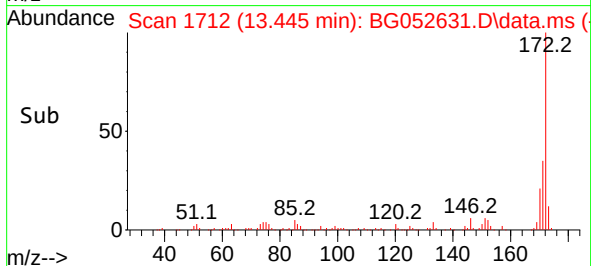
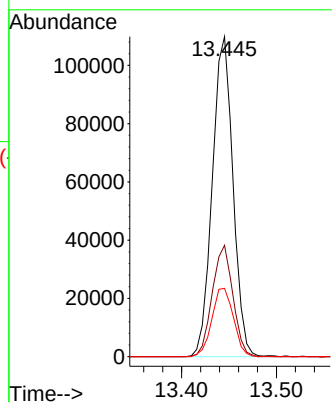
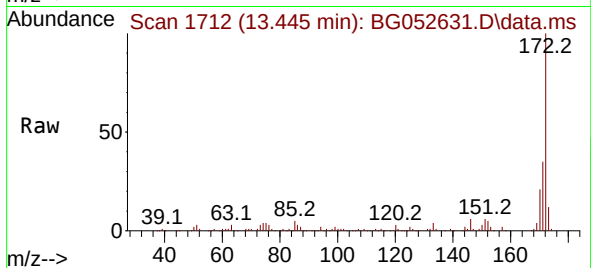
Tgt Ion:172 Resp: 166084

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 21.4 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 8.412 ng

RT: 14.820 min Scan# 1946

Delta R.T. 0.429 min

Lab File: BG052631.D

Acq: 10 Mar 2022 13:07

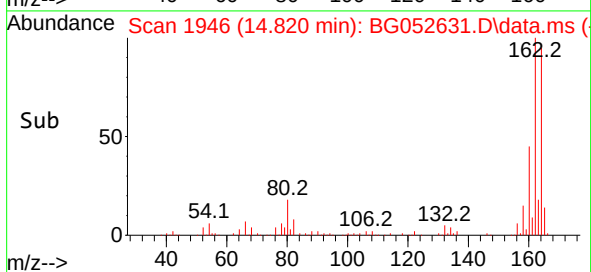
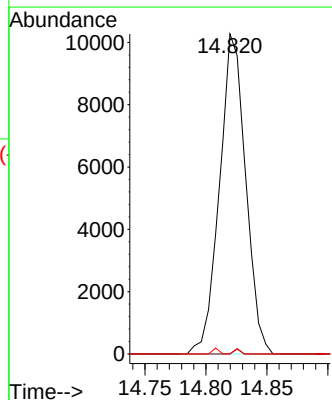
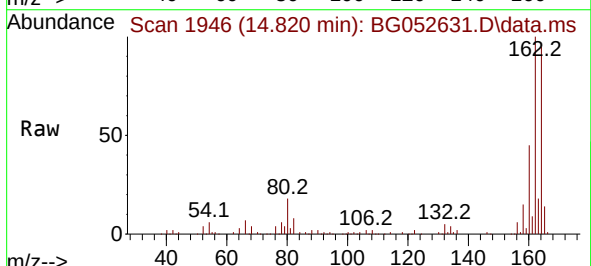
Tgt Ion:165 Resp: 15302

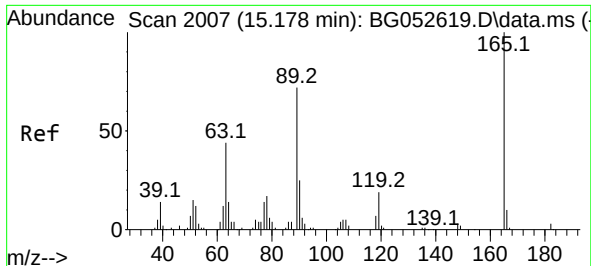
Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.977 ng

RT: 14.820 min Scan# 1946

Delta R.T. -0.358 min

Lab File: BG052631.D

Acq: 10 Mar 2022 13:07

Instrument :

BNA_G

ClientSampleId :

SAMPLE-13RE

Tgt Ion:165 Resp: 15302

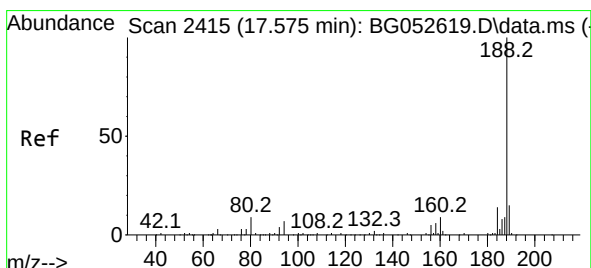
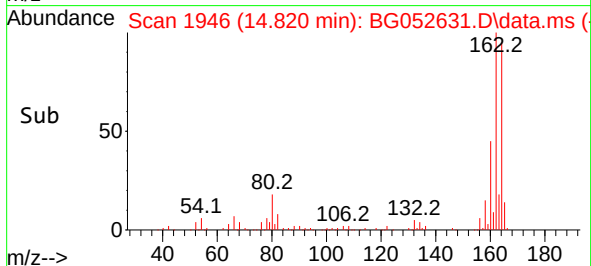
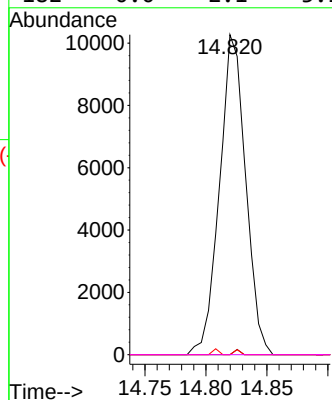
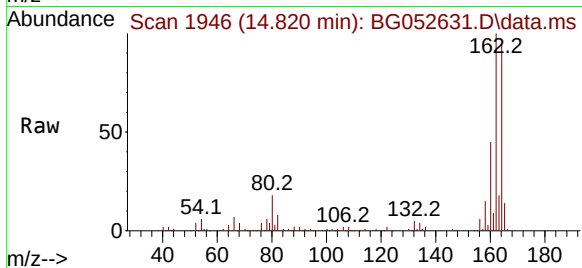
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.575 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BG052631.D

Acq: 10 Mar 2022 13:07

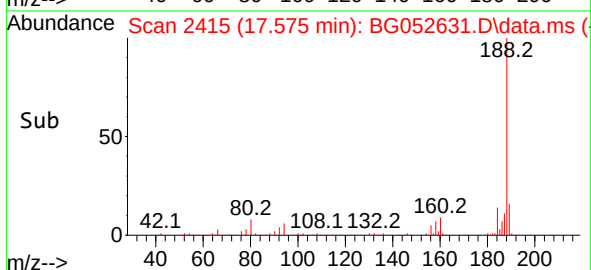
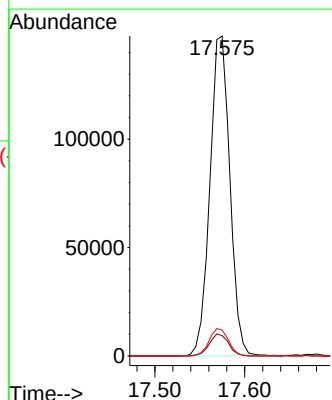
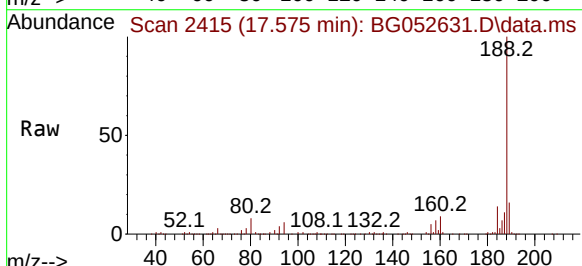
Tgt Ion:188 Resp: 227915

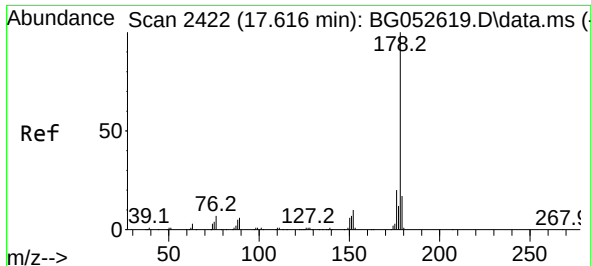
Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

80 8.1 7.2 10.8

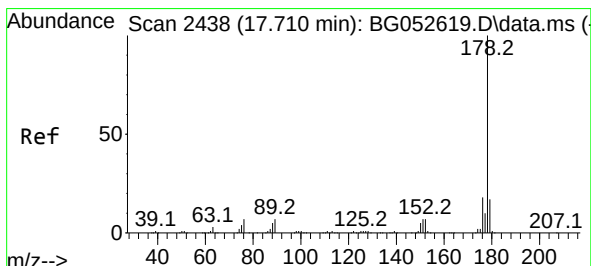
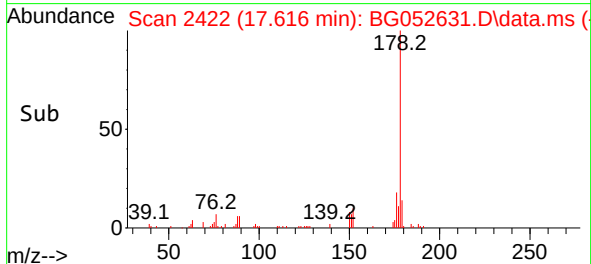
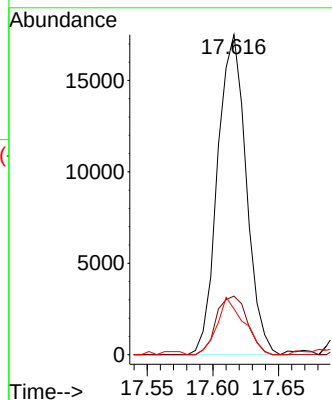
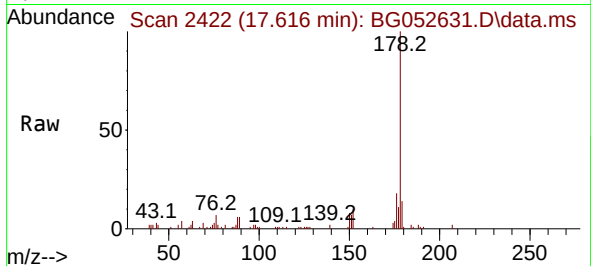




#71
Phenanthrene
Concen: 2.219 ng
RT: 17.616 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

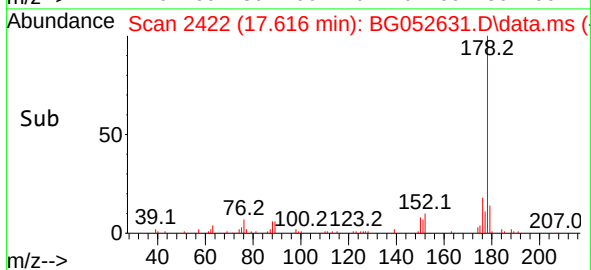
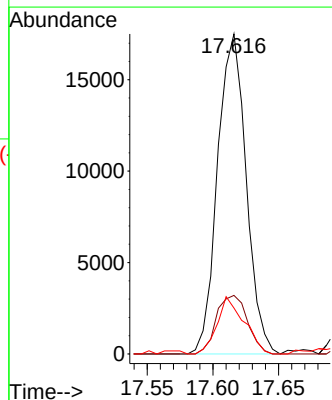
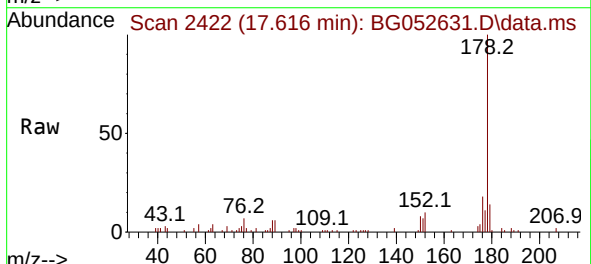
Instrument :
BNA_G
ClientSampleId :
SAMPLE-13RE

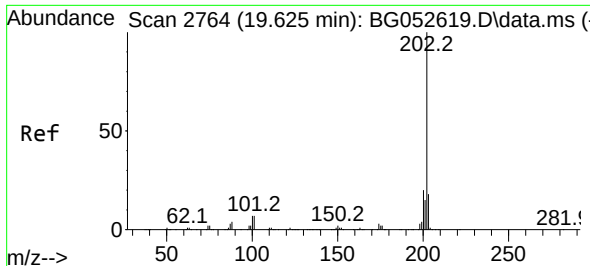
Tgt Ion:178 Resp: 26539
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 14.4 13.4 20.2



#72
Anthracene
Concen: 2.267 ng
RT: 17.616 min Scan# 2422
Delta R.T. -0.094 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

Tgt Ion:178 Resp: 26539
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 14.4 13.2 19.8

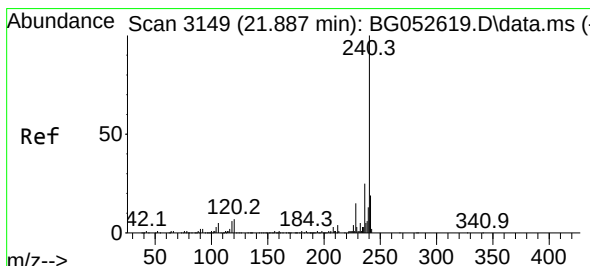
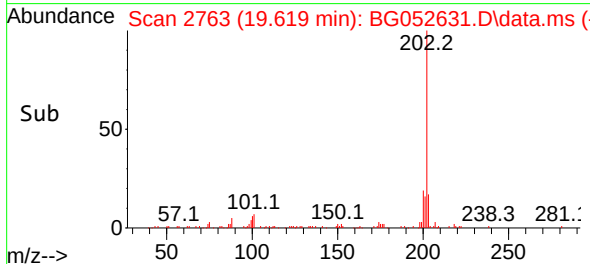
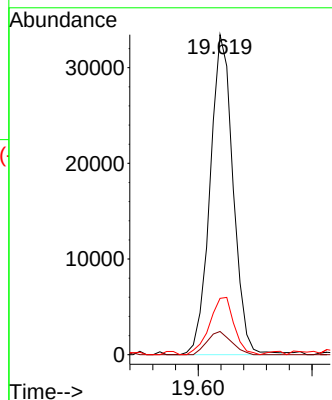
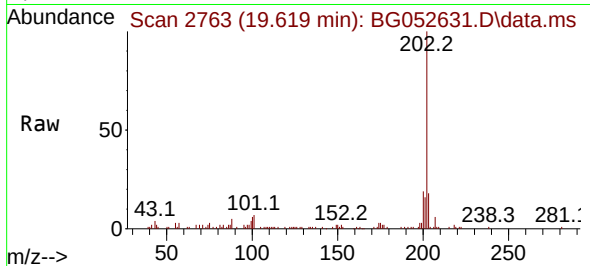




#75
Fluoranthene
Concen: 3.149 ng
RT: 19.619 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

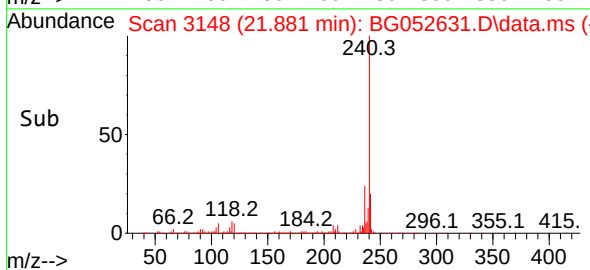
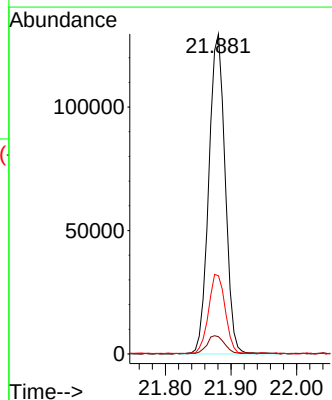
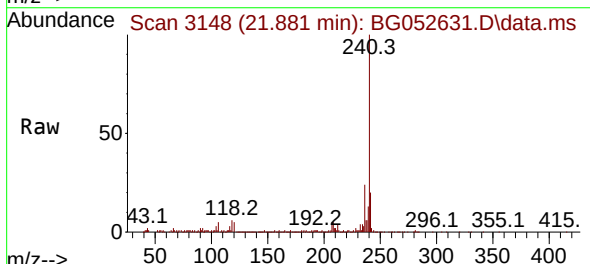
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BNA_G
ClientSampleId :
SAMPLE-13RE

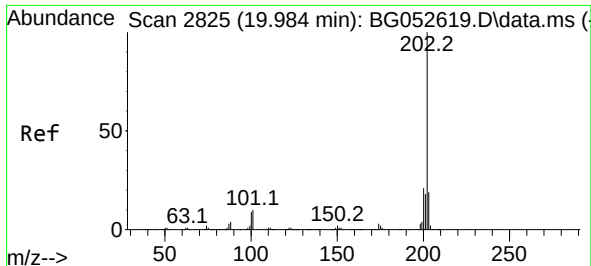
Tgt Ion:202 Resp: 47021
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.3
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.881 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG052631.D
Acq: 10 Mar 2022 13:07

Tgt Ion:240 Resp: 224386
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 24.5 19.8 29.6

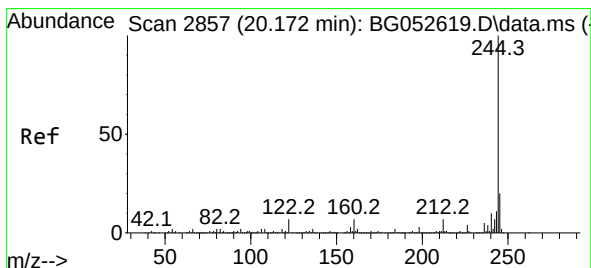
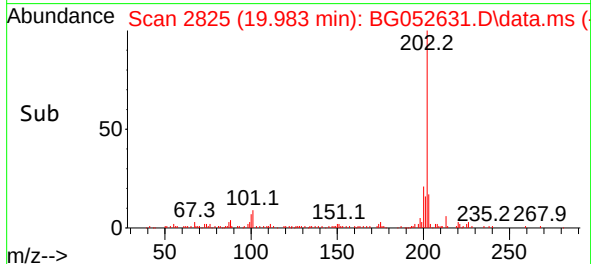
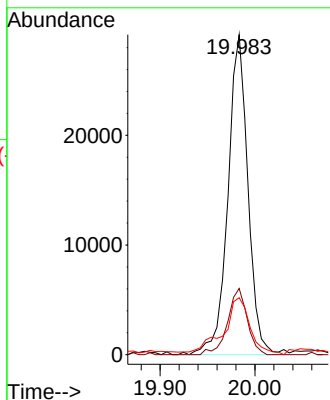
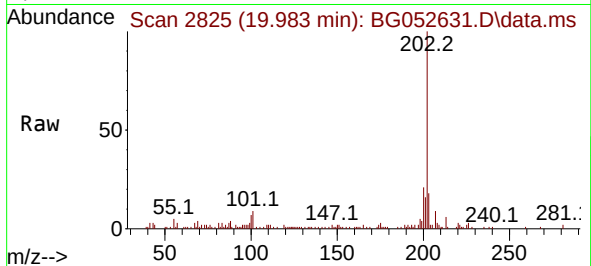




#78
 Pyrene
 Concen: 2.854 ng
 RT: 19.983 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG052631.D
 Acq: 10 Mar 2022 13:07

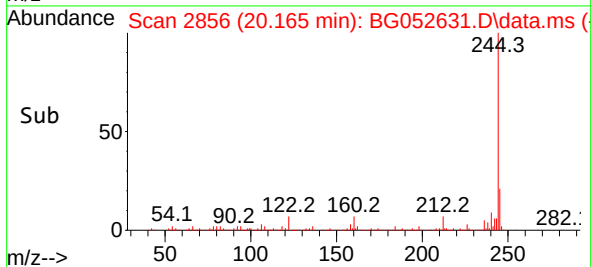
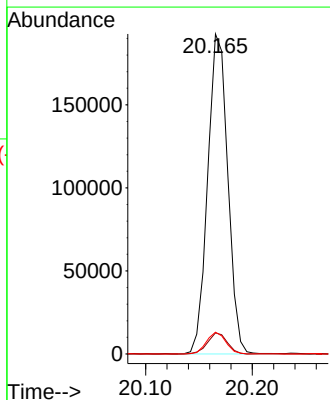
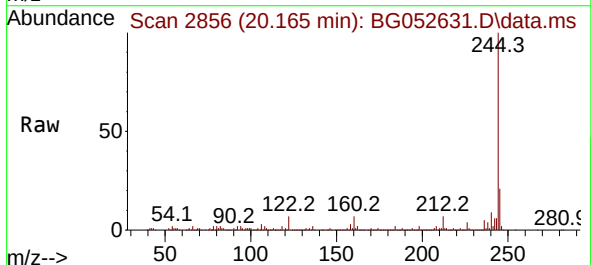
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-13RE

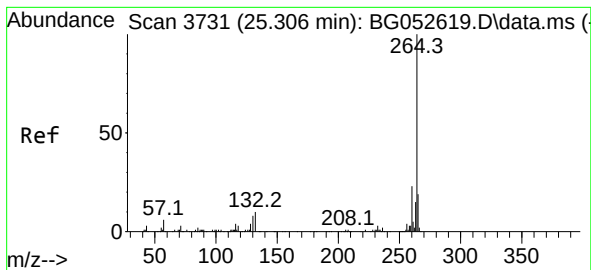
Tgt Ion:202 Resp: 42806
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.0 25.6
 203 17.8 15.0 22.6



#79
 Terphenyl-d14
 Concen: 19.948 ng
 RT: 20.165 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BG052631.D
 Acq: 10 Mar 2022 13:07

Tgt Ion:244 Resp: 252948
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 6.8 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.306 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG052631.D
 Acq: 10 Mar 2022 13:07

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-13RE

Tgt Ion:264 Resp: 232754
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 20.8 15.1 22.7

