

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
 Data File : BG052632.D
 Acq On : 10 Mar 2022 13:45
 Operator : CG/JU
 Sample : N1845-09 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-9

Quant Time: Mar 11 03:44:37 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)

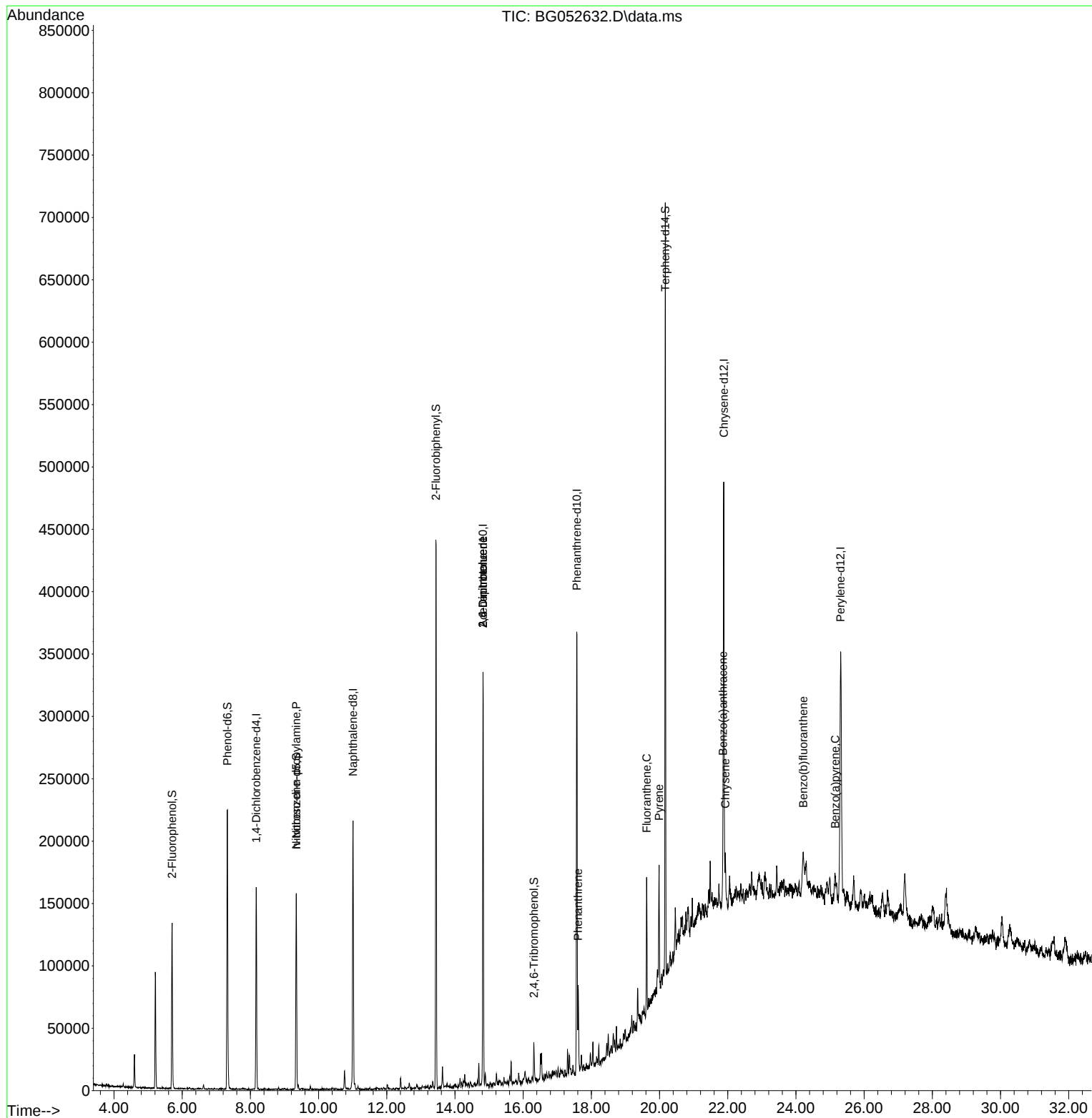
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.172	152	47871	20.000	ng	0.00
21) Naphthalene-d8	11.009	136	186953	20.000	ng	0.00
39) Acenaphthene-d10	14.822	164	116535	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	235043	20.000	ng	0.00
76) Chrysene-d12	21.883	240	214145	20.000	ng	0.00
86) Perylene-d12	25.307	264	222238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	61438	22.171	ng	0.00
7) Phenol-d6	7.326	99	140832	35.115	ng	0.00
23) Nitrobenzene-d5	9.347	82	103595	25.120	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	6344	3.838	ng	0.00
45) 2-Fluorobiphenyl	13.447	172	240487	27.854	ng	0.00
79) Terphenyl-d14	20.167	244	332660	27.489	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.347	70	13873	5.112	ng	# 72
51) 2,6-Dinitrotoluene	14.822	165	16127	8.335	ng	# 26
57) 2,4-Dinitrotoluene	14.822	165	16127	5.922	ng	# 25
71) Phenanthrene	17.612	178	43033	3.490	ng	97
75) Fluoranthene	19.621	202	66921	4.346	ng	97
78) Pyrene	19.985	202	60748	4.244	ng	95
81) Benzo(a)anthracene	21.859	228	28928	2.016	ng	# 88
83) Chrysene	21.930	228	31334	2.336	ng	96
88) Benzo(b)fluoranthene	24.215	252	39003	2.843	ng	# 87
90) Benzo(a)pyrene	25.149	252	26419	2.276	ng	# 87

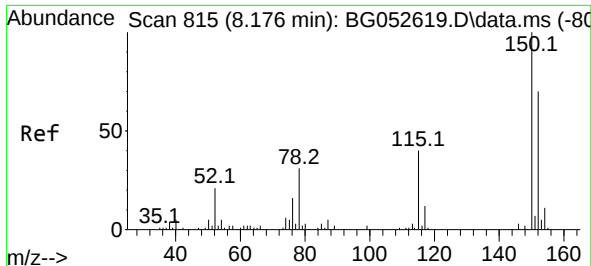
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
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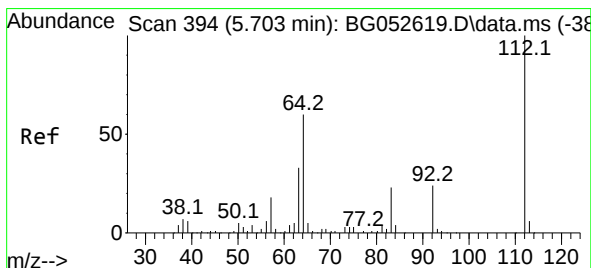
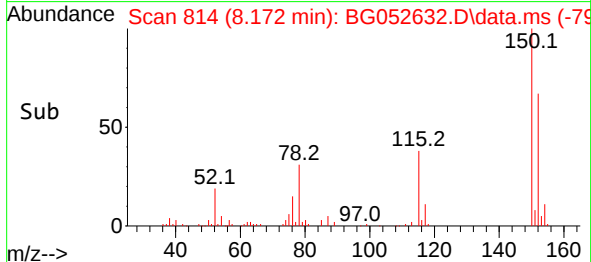
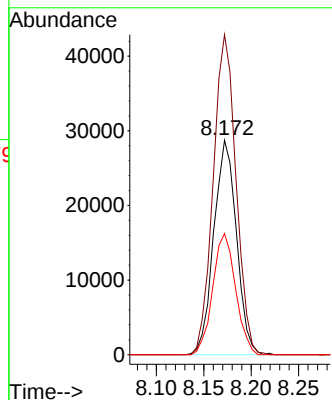
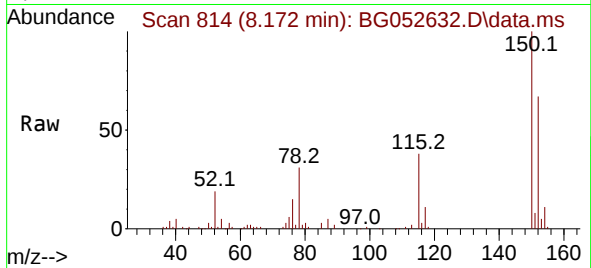




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.172 min Scan# 815
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

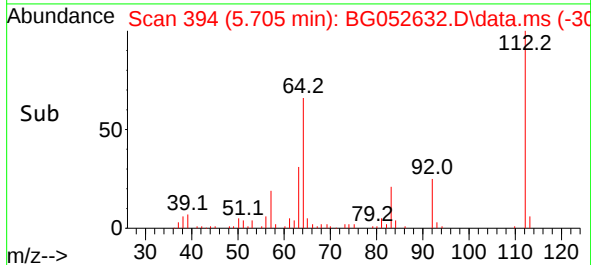
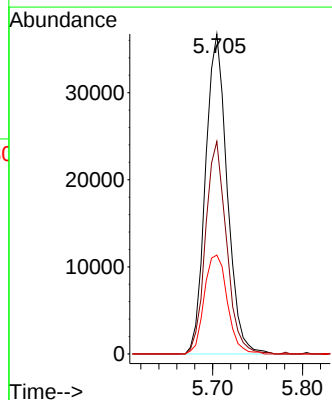
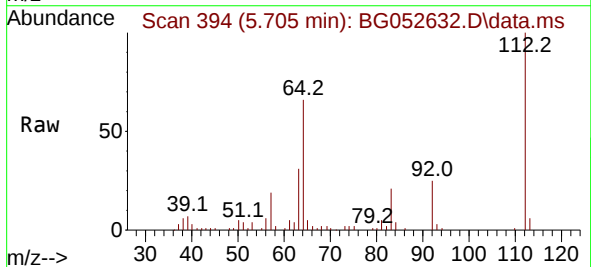
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

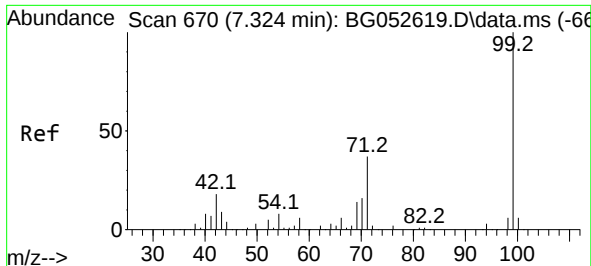
Tgt Ion:152 Resp: 47871
Ion Ratio Lower Upper
152 100
150 149.2 114.6 172.0
115 56.5 45.9 68.9



#5
2-Fluorophenol
Concen: 22.171 ng
RT: 5.705 min Scan# 394
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Tgt Ion:112 Resp: 61438
Ion Ratio Lower Upper
112 100
64 66.4 48.0 72.0
63 30.9 26.5 39.7

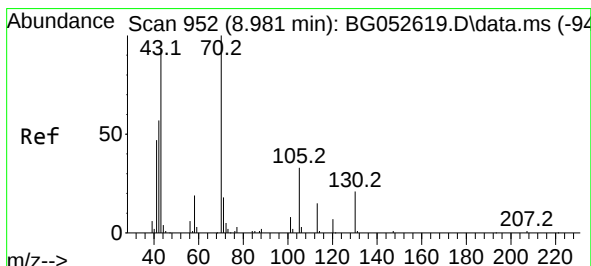
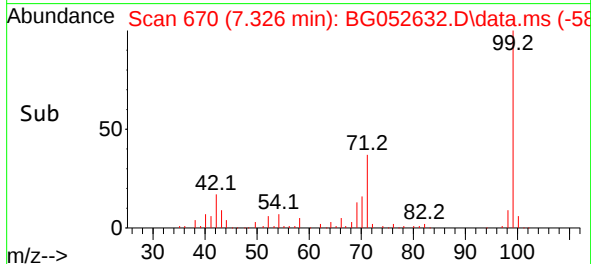
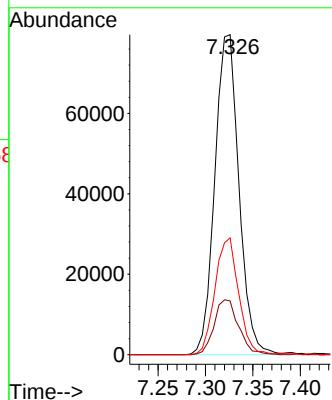
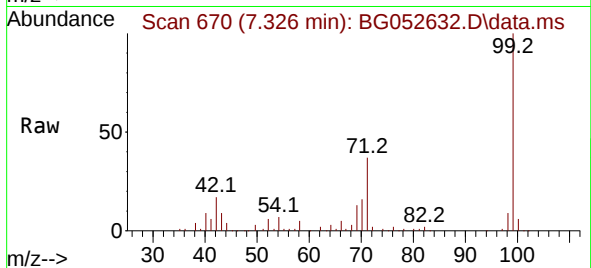




#7
Phenol-d6
Concen: 35.115 ng
RT: 7.326 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

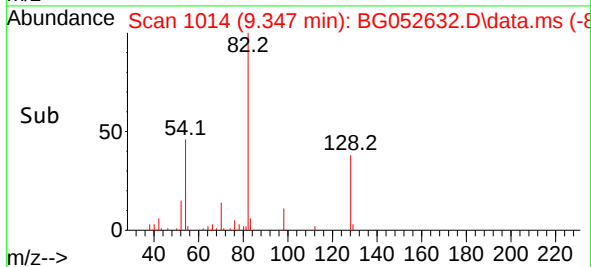
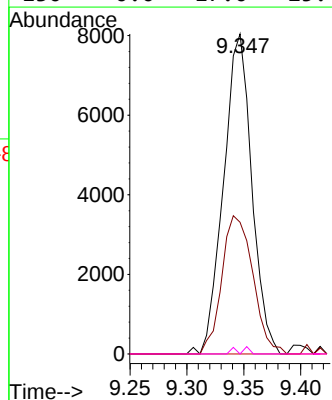
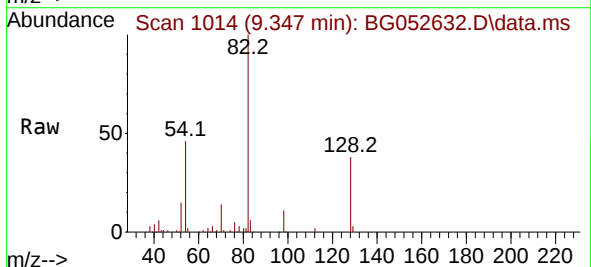
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

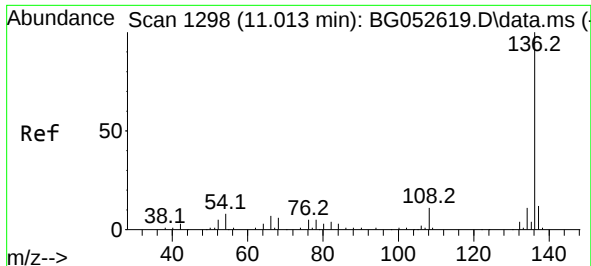
Tgt Ion: 99 Resp: 140832
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 36.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.112 ng
RT: 9.347 min Scan# 1014
Delta R.T. 0.366 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Tgt Ion: 70 Resp: 13873
Ion Ratio Lower Upper
70 100
42 41.1 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

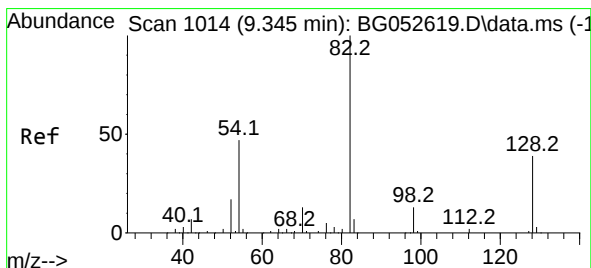
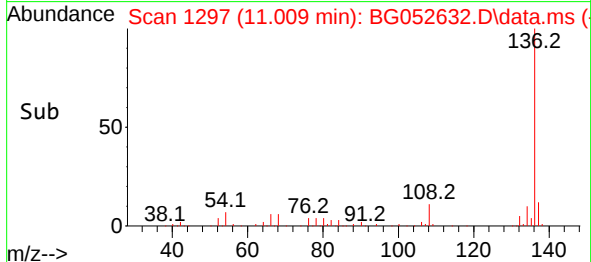
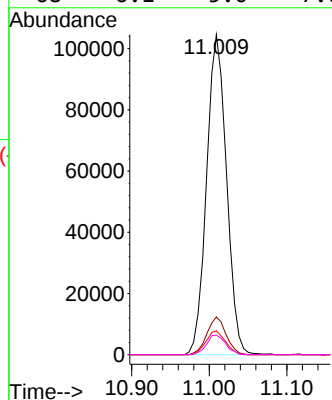
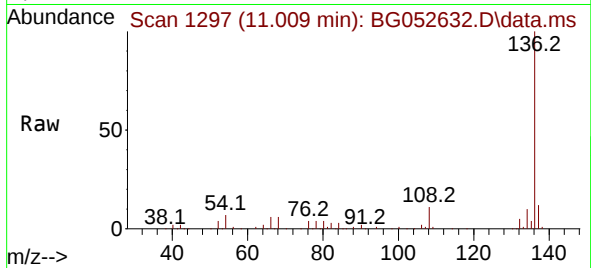




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.009 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

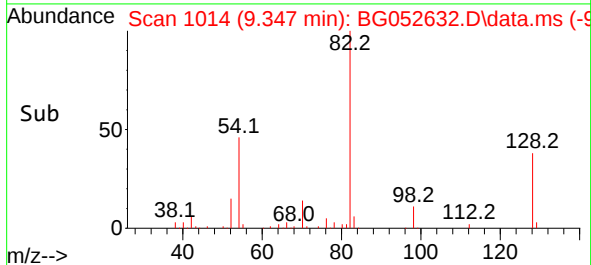
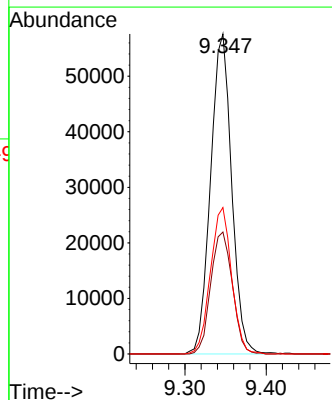
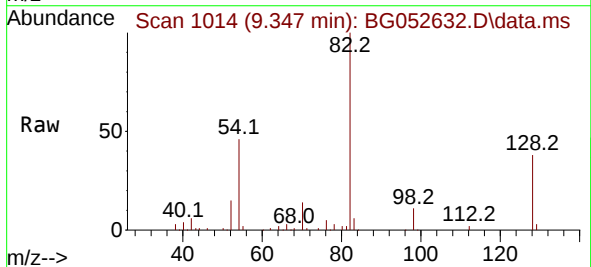
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

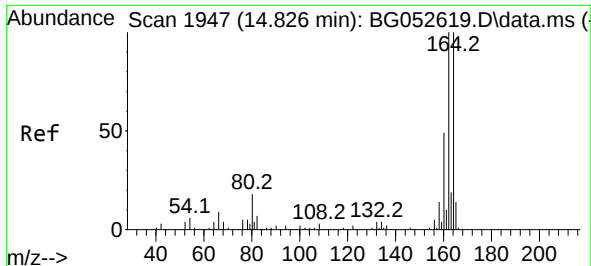
Tgt Ion:	136	Resp:	186953
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.4	14.2
54	7.5	6.4	9.6
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 25.120 ng
RT: 9.347 min Scan# 1014
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Tgt Ion:	82	Resp:	103595
Ion Ratio	Lower	Upper	
82	100		
128	38.1	31.3	46.9
54	45.8	37.8	56.8

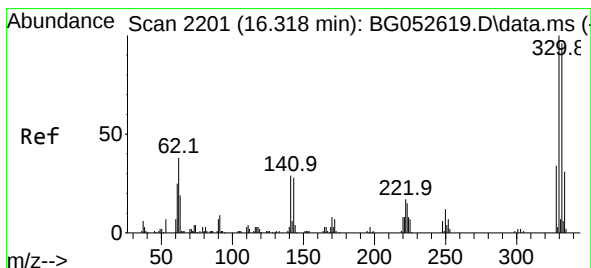
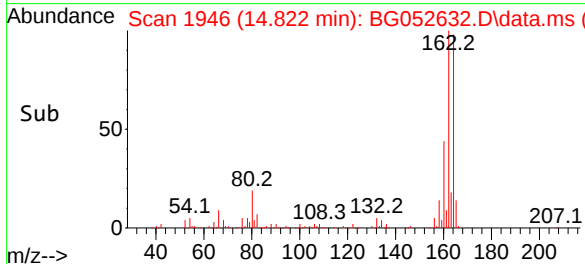
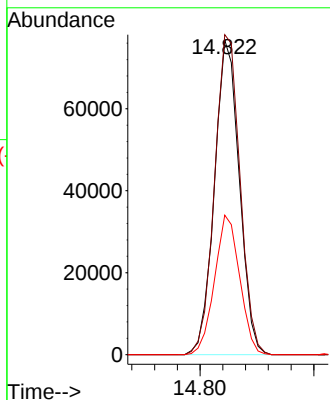
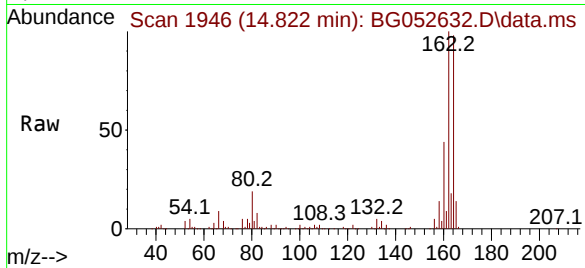




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.822 min Scan# 1947
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

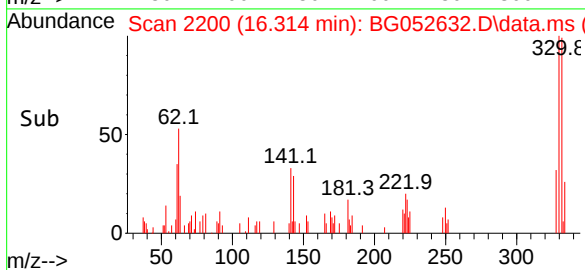
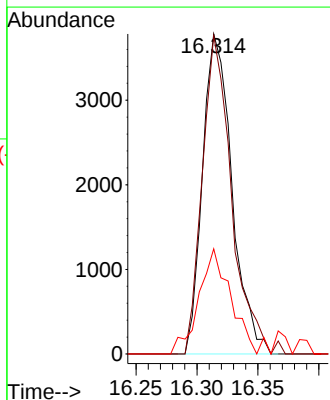
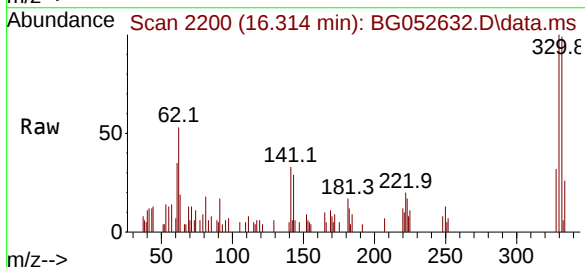
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

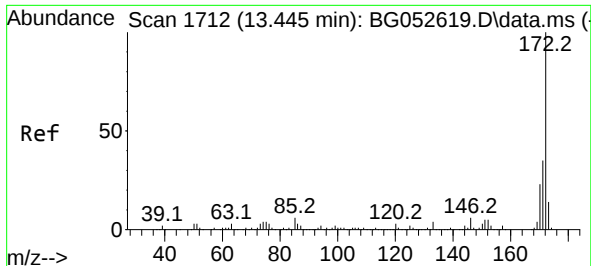
Tgt Ion:164 Resp: 116535
Ion Ratio Lower Upper
164 100
162 101.7 80.0 120.0
160 44.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 3.838 ng
RT: 16.314 min Scan# 2200
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Tgt Ion:330 Resp: 6344
Ion Ratio Lower Upper
330 100
332 99.0 75.8 113.6
141 35.4 24.6 36.8

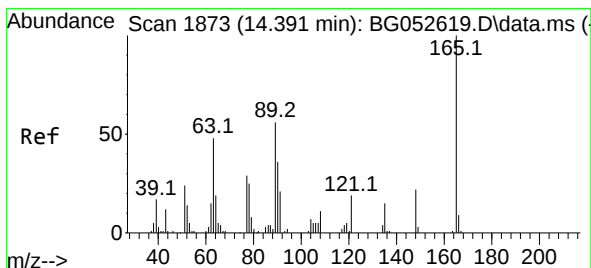
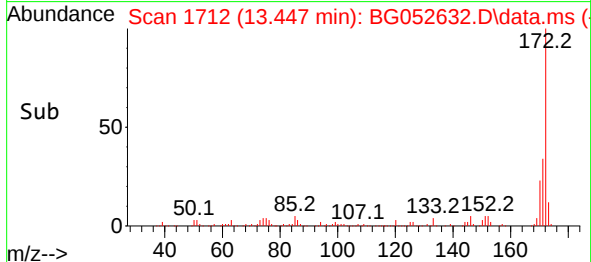
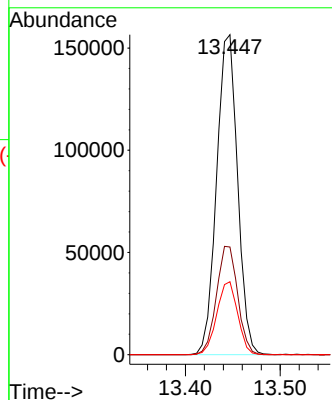
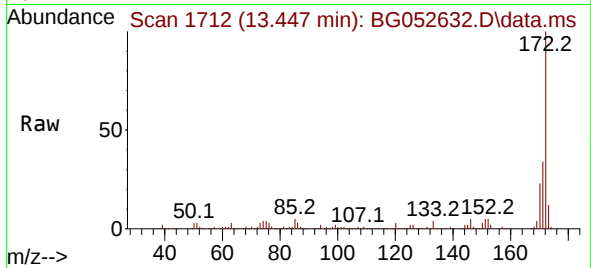




#45
2-Fluorobiphenyl
Concen: 27.854 ng
RT: 13.447 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

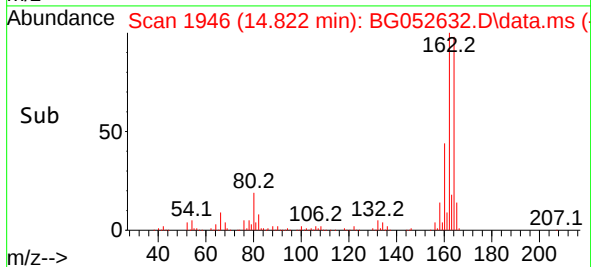
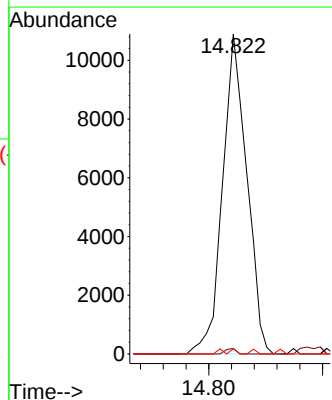
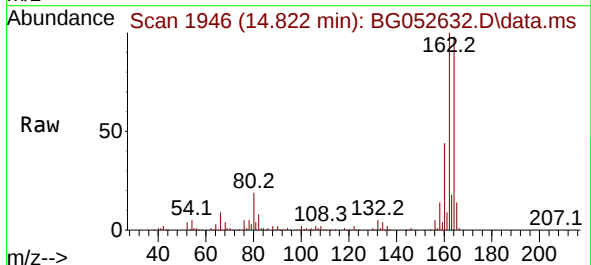
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

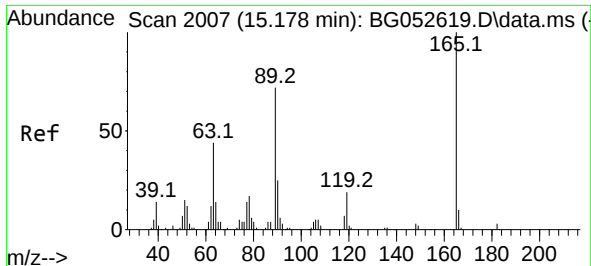
Tgt Ion:172 Resp: 240487
Ion Ratio Lower Upper
172 100
171 33.7 28.3 42.5
170 22.8 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.335 ng
RT: 14.822 min Scan# 1946
Delta R.T. 0.430 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Tgt Ion:165 Resp: 16127
Ion Ratio Lower Upper
165 100
63 1.7 43.7 65.5#
89 1.7 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.922 ng

RT: 14.822 min Scan# 1946

Delta R.T. -0.356 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

Instrument :

BNA_G

ClientSampleId :

SAMPLE-9

Tgt Ion:165 Resp: 16127

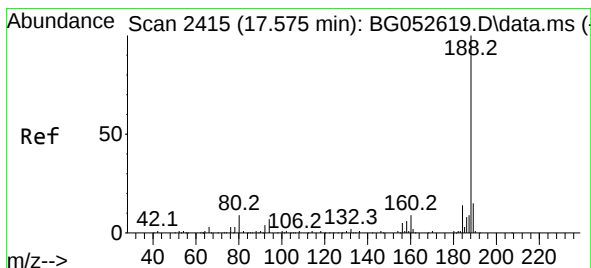
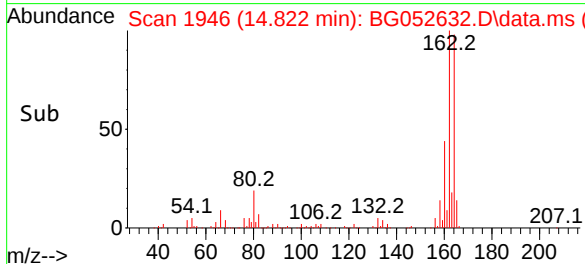
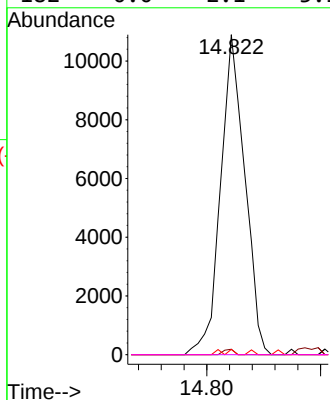
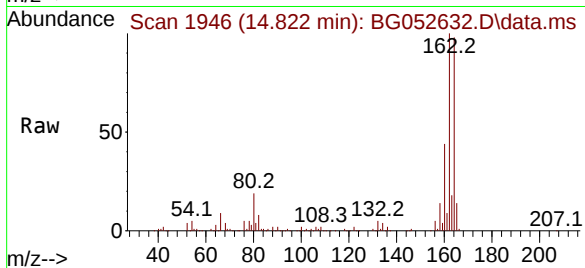
Ion Ratio Lower Upper

165 100

63 1.7 34.8 52.2#

89 1.7 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.577 min Scan# 2415

Delta R.T. 0.002 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

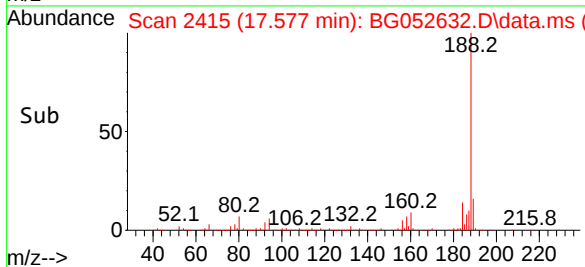
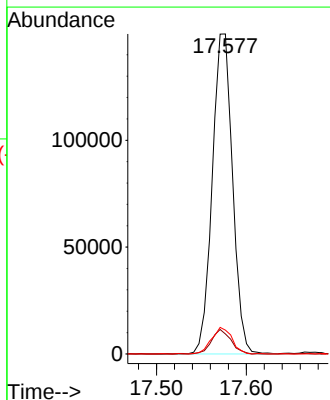
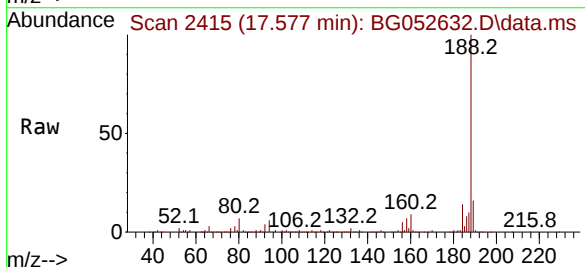
Tgt Ion:188 Resp: 235043

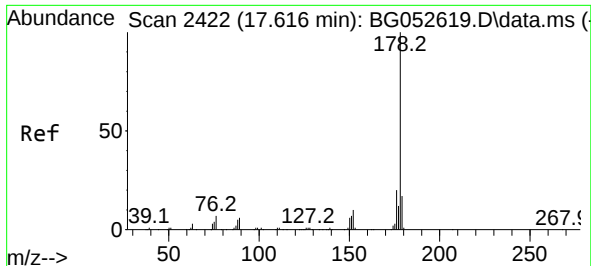
Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

80 7.4 7.2 10.8

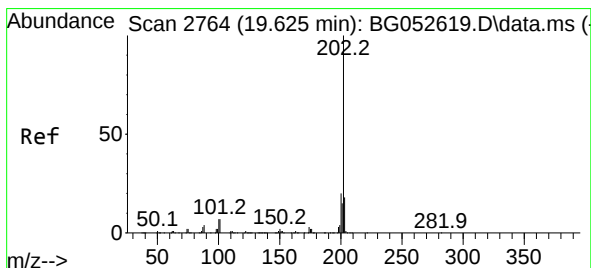
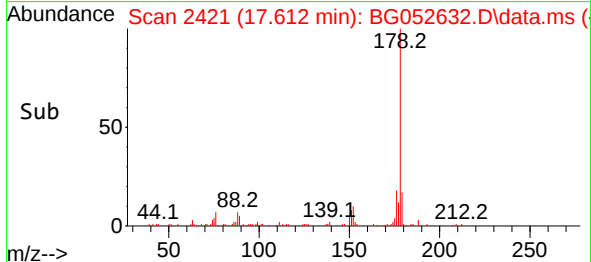
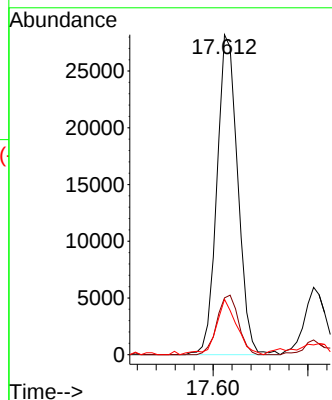
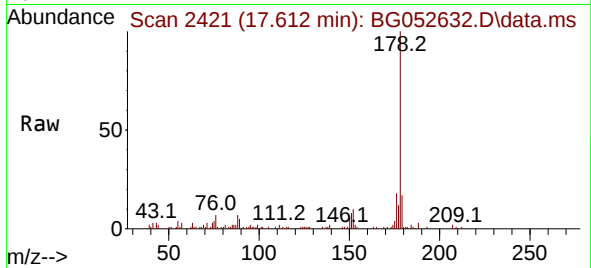




#71
Phenanthrene
Concen: 3.490 ng
RT: 17.612 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

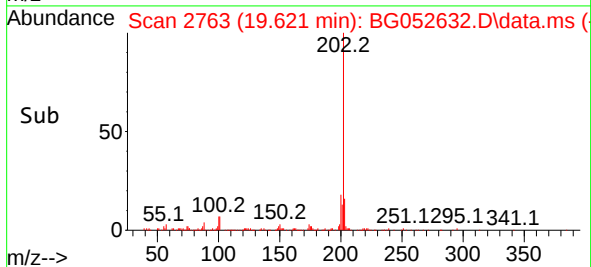
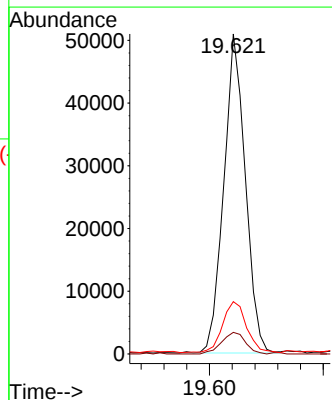
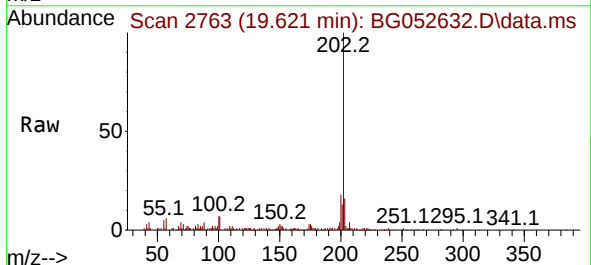
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

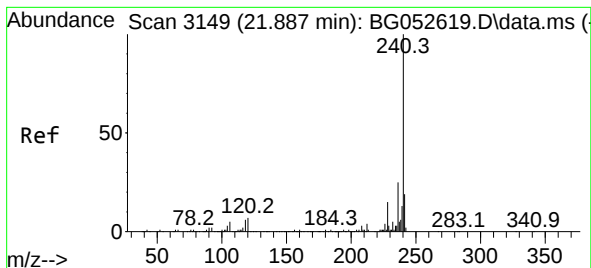
Tgt Ion:178 Resp: 43033
Ion Ratio Lower Upper
178 100
176 17.8 15.9 23.9
179 17.3 13.4 20.2



#75
Fluoranthene
Concen: 4.346 ng
RT: 19.621 min Scan# 2763
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Tgt Ion:202 Resp: 66921
Ion Ratio Lower Upper
202 100
101 6.7 0.0 27.3
203 16.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.883 min Scan# 3149

Delta R.T. -0.004 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

Instrument :

BNA_G

ClientSampleId :

SAMPLE-9

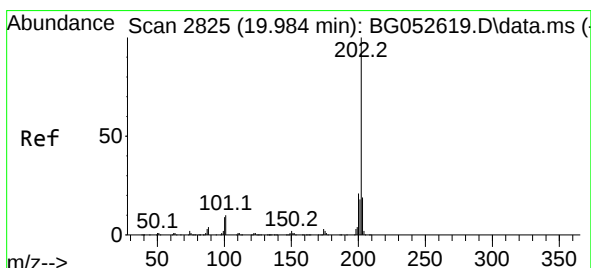
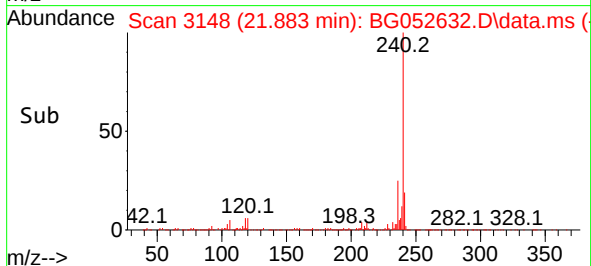
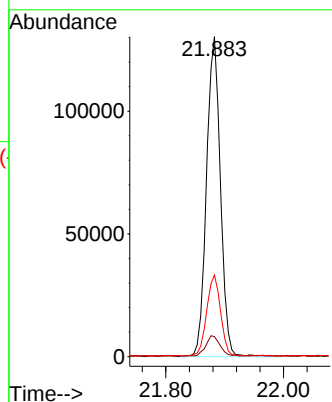
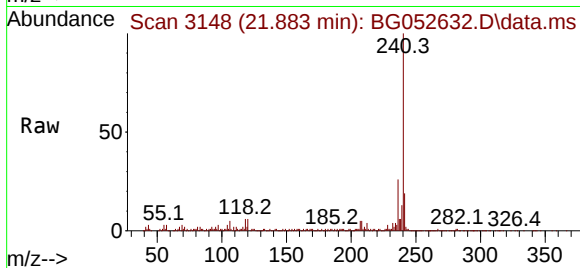
Tgt Ion:240 Resp: 214145

Ion Ratio Lower Upper

240 100

120 6.2 5.4 8.0

236 25.6 19.8 29.6



#78

Pyrene

Concen: 4.244 ng

RT: 19.985 min Scan# 2825

Delta R.T. 0.002 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

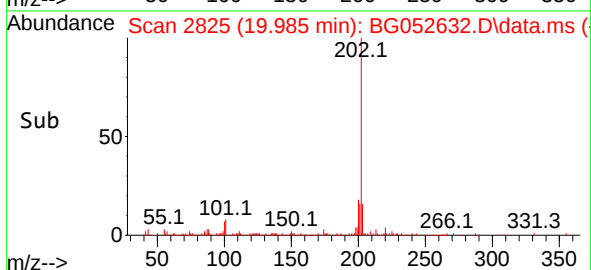
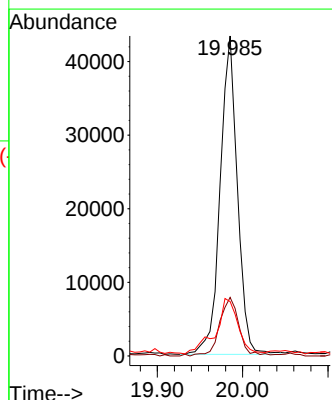
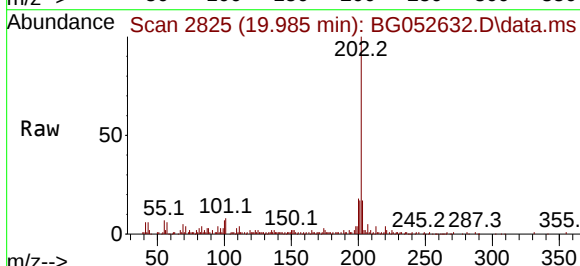
Tgt Ion:202 Resp: 60748

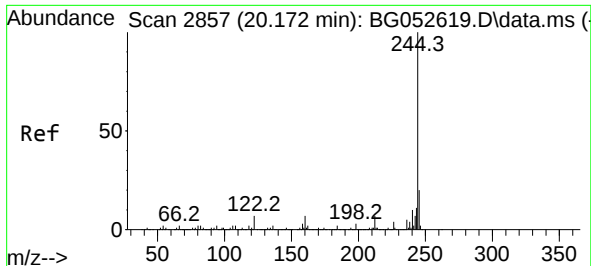
Ion Ratio Lower Upper

202 100

200 18.3 17.0 25.6

203 17.0 15.0 22.6

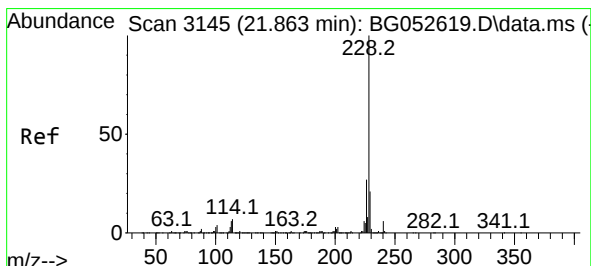
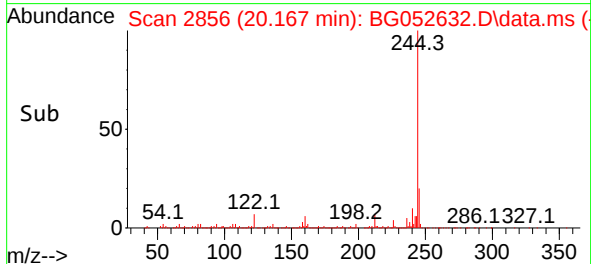
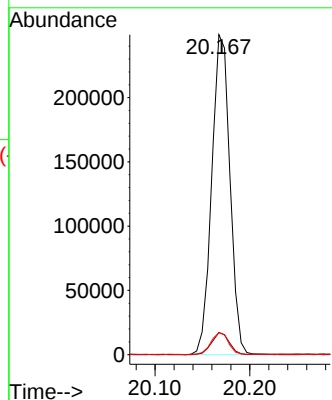
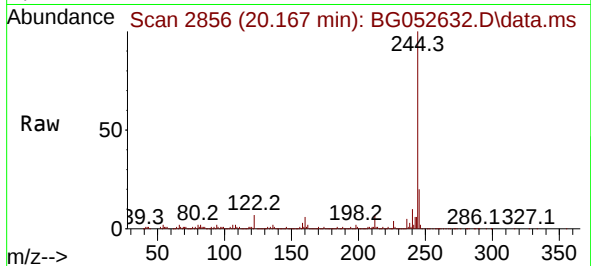




#79
 Terphenyl-d14
 Concen: 27.489 ng
 RT: 20.167 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG052632.D
 Acq: 10 Mar 2022 13:45

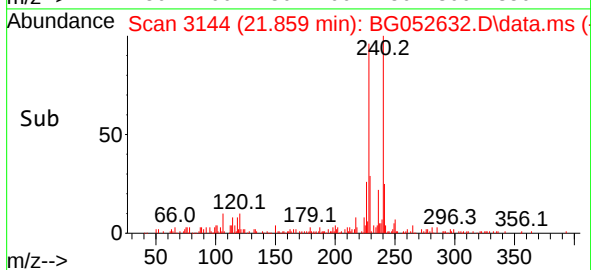
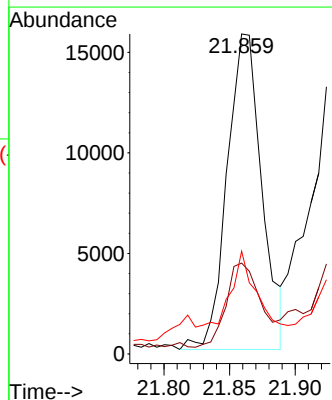
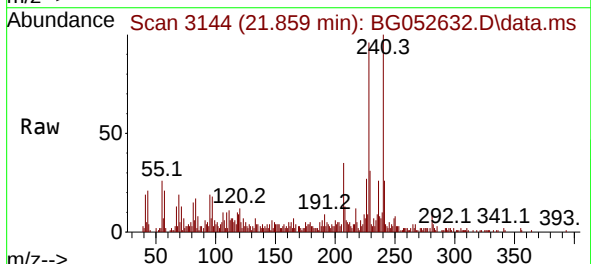
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-9

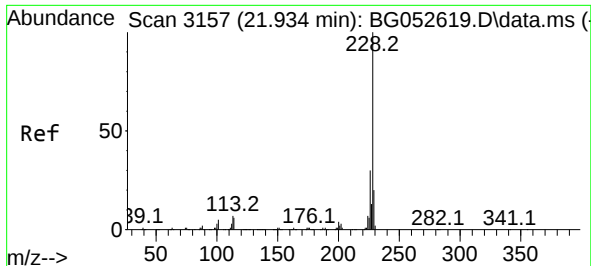
Tgt Ion:244 Resp: 332660
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 6.9 5.8 8.6



#81
 Benzo(a)anthracene
 Concen: 2.016 ng
 RT: 21.859 min Scan# 3144
 Delta R.T. -0.004 min
 Lab File: BG052632.D
 Acq: 10 Mar 2022 13:45

Tgt Ion:228 Resp: 28928
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.4 32.0
 229 32.1 16.7 25.1#

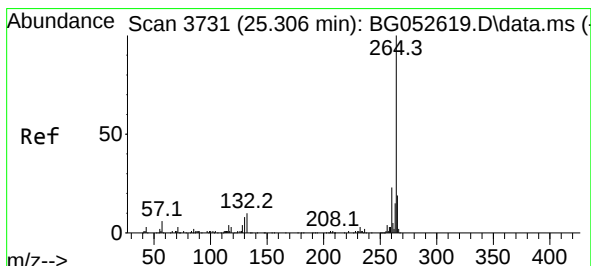
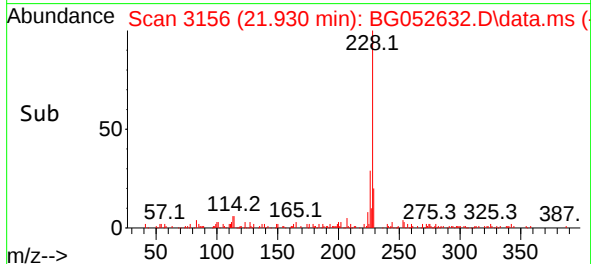
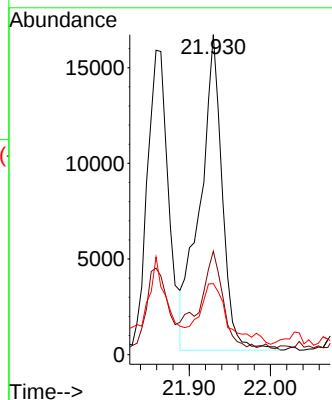
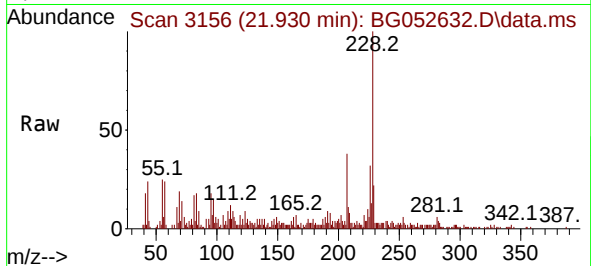




#83
Chrysene
Concen: 2.336 ng
RT: 21.930 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

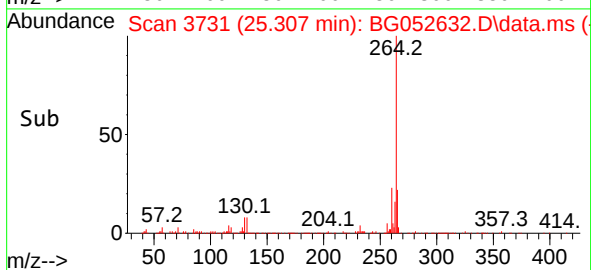
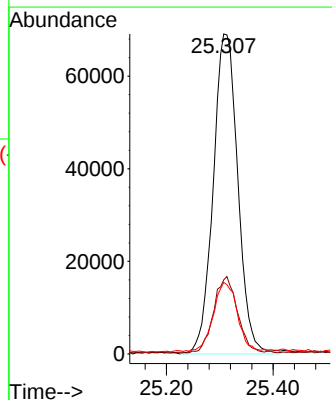
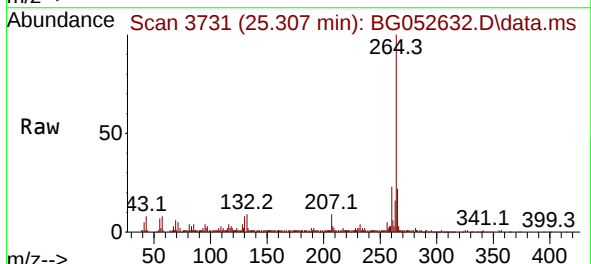
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

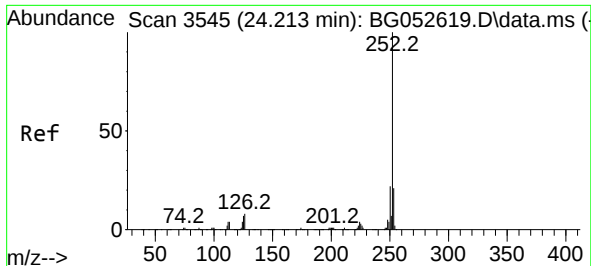
Tgt Ion:	228	Resp:	31334
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.2	36.4
229	22.2	16.3	24.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.307 min Scan# 3731
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Tgt Ion:	264	Resp:	222238
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.2
265	22.4	15.1	22.7

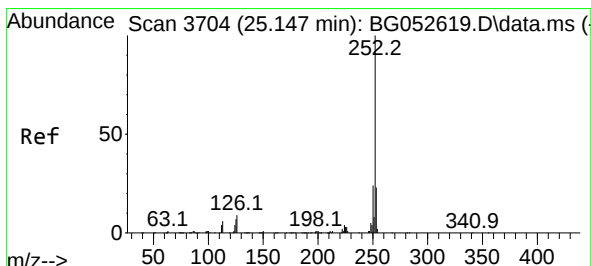
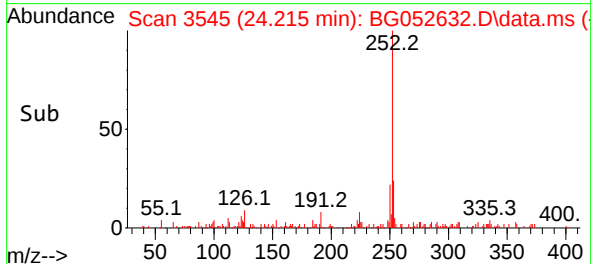
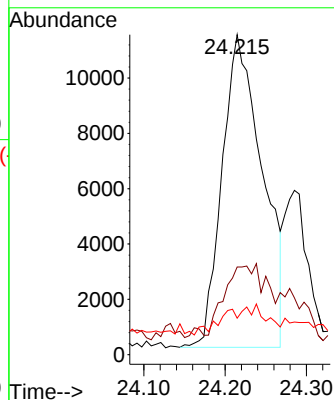
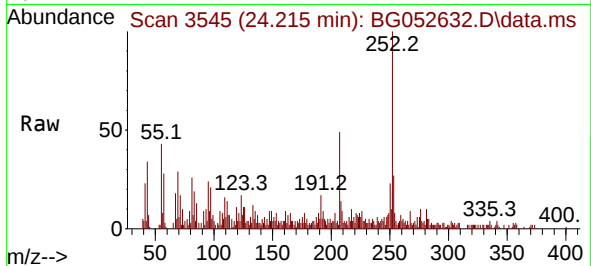




#88
Benzo(b)fluoranthene
Concen: 2.843 ng
RT: 24.215 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

Tgt Ion:252 Resp: 39003
Ion Ratio Lower Upper
252 100
253 27.4 17.2 25.8#
125 11.4 5.2 7.8#



#90
Benzo(a)pyrene
Concen: 2.276 ng
RT: 25.149 min Scan# 3704
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

Tgt Ion:252 Resp: 26419
Ion Ratio Lower Upper
252 100
253 26.3 18.4 27.6
125 17.9 5.6 8.4#

