

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)

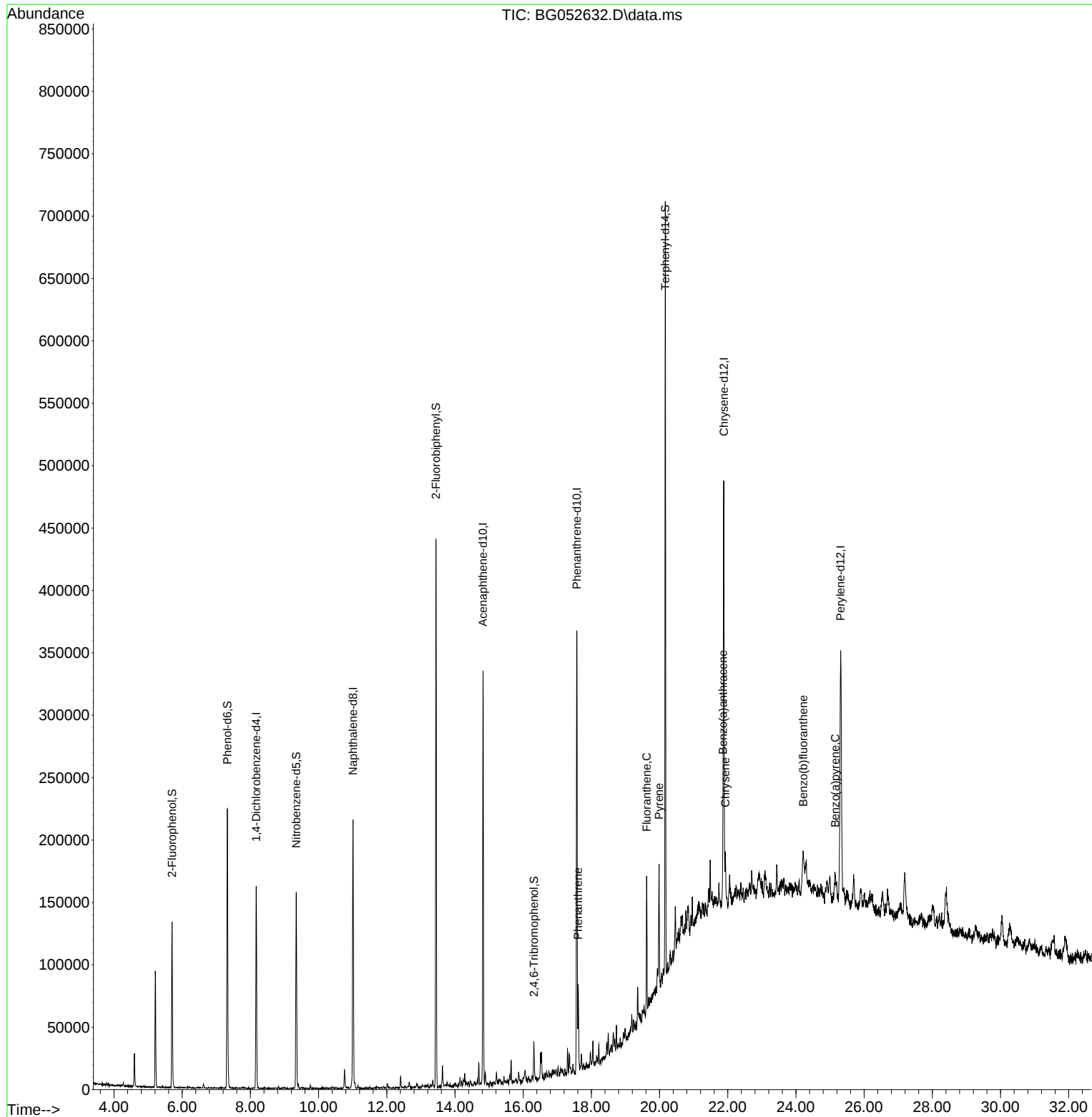
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.172	152	47871	20.000	ng	0.00
21) Naphthalene-d8	11.009	136	186953	20.000	ng	0.00
39) Acenaphthene-d10	14.822	164	116535	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	235043	20.000	ng	0.00
76) Chrysene-d12	21.883	240	214145	20.000	ng	0.00
86) Perylene-d12	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
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

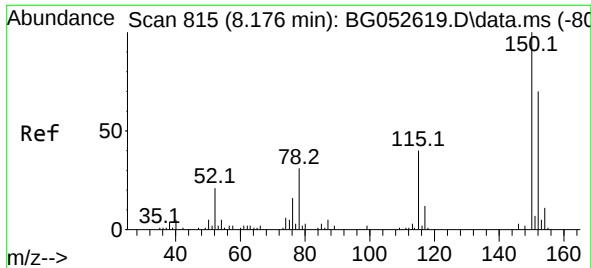
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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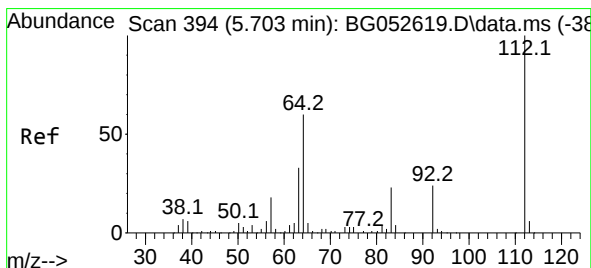
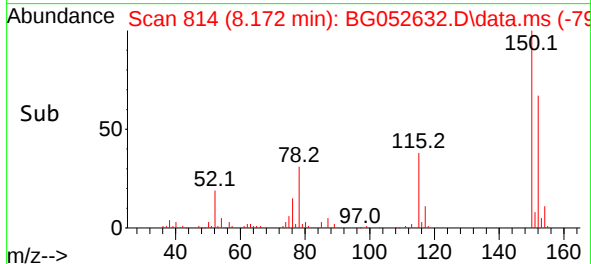
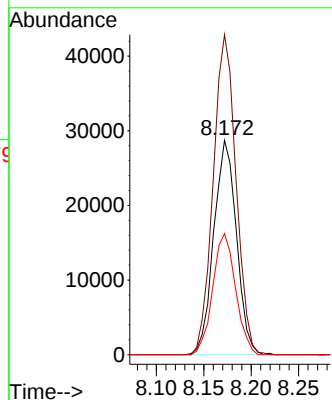
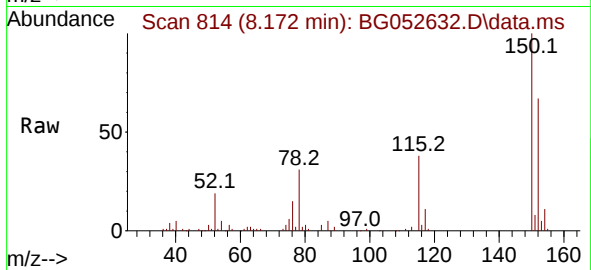




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.172 min Scan# 815
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

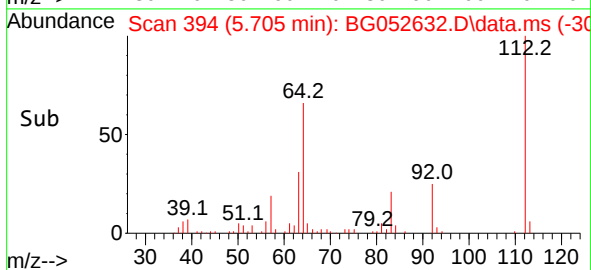
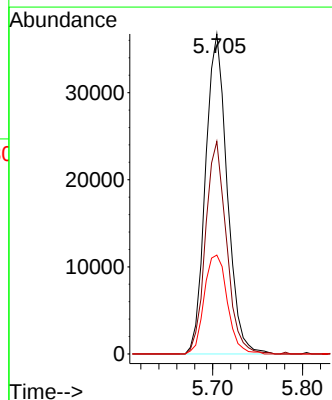
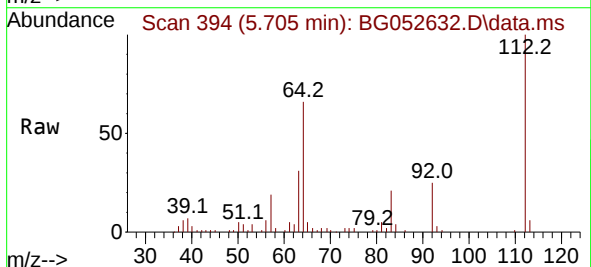
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

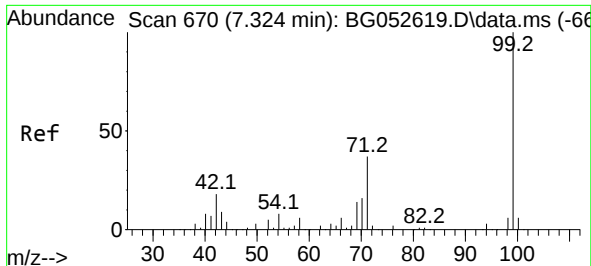
Tgt Ion:152 Resp: 47871
Ion Ratio Lower Upper
152 100
150 149.2 114.6 172.0
115 56.5 45.9 68.9



#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

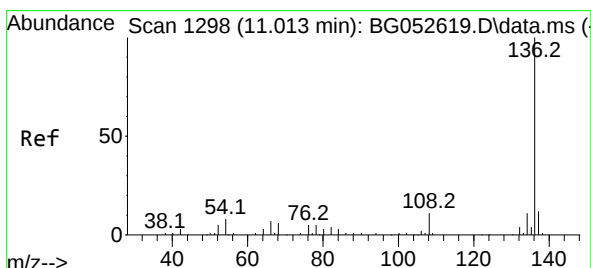
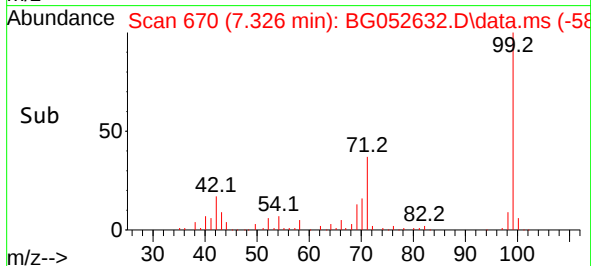
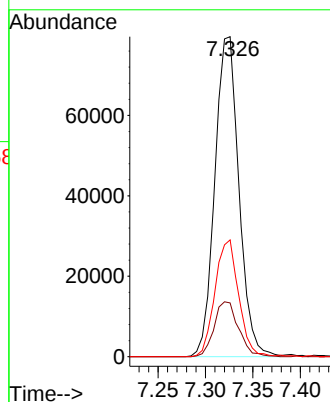
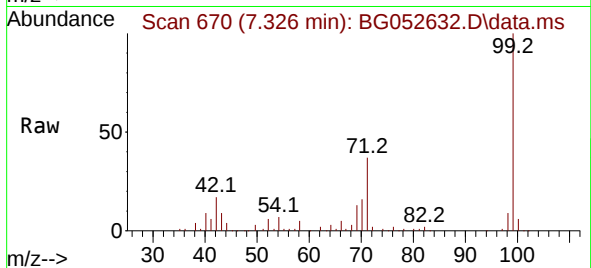




#7
Phenol-d6
Concen: 35.115 ng
RT: 7.326 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

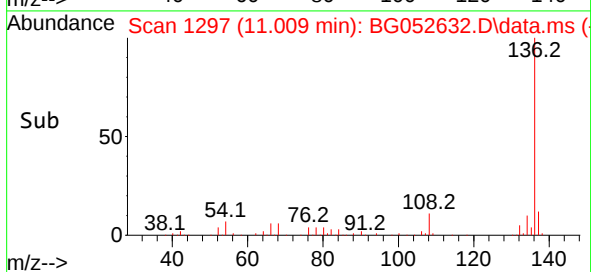
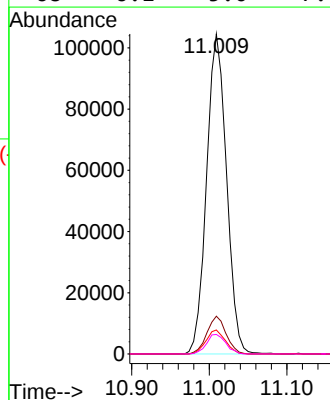
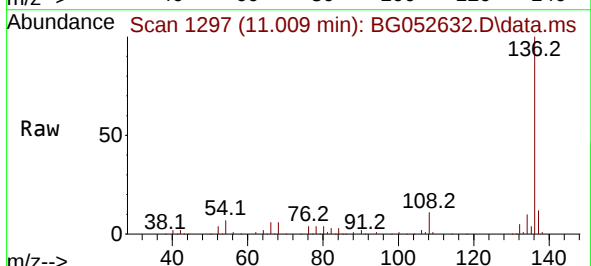
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

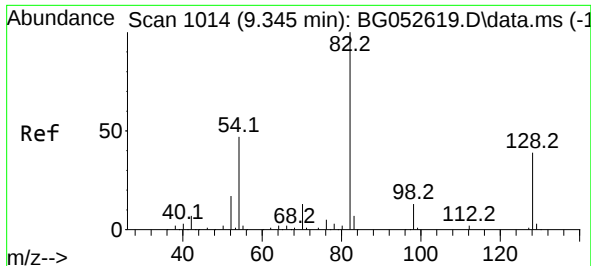
Tgt Ion: 99 Resp: 140832
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.009 min Scan# 1297
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

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

Instrument :

BNA_G

ClientSampleId :

SAMPLE-9

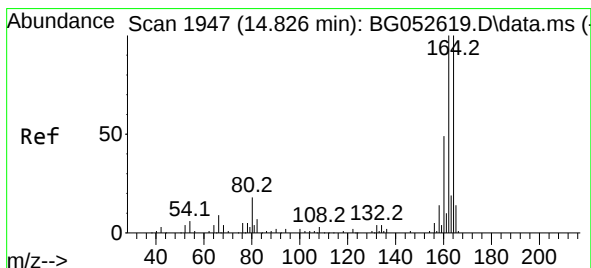
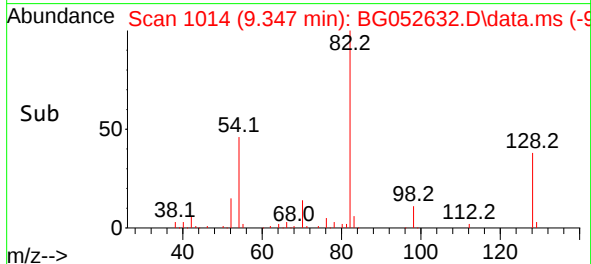
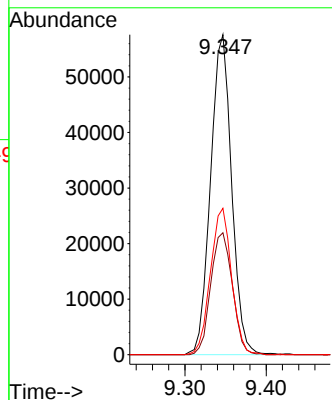
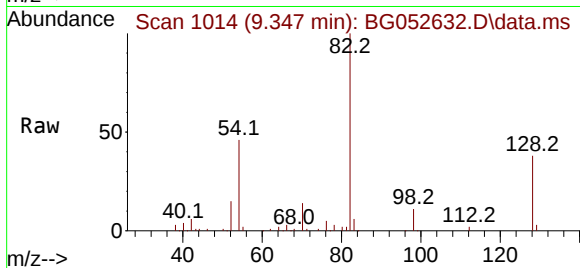
Tgt Ion: 82 Resp: 103595

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# 1946

Delta R.T. -0.004 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

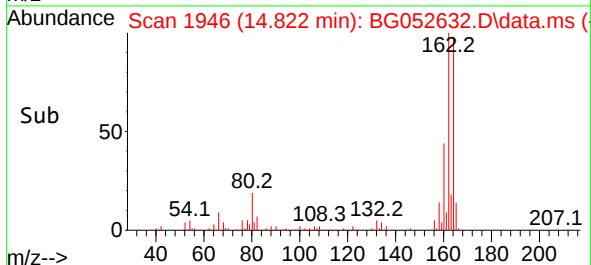
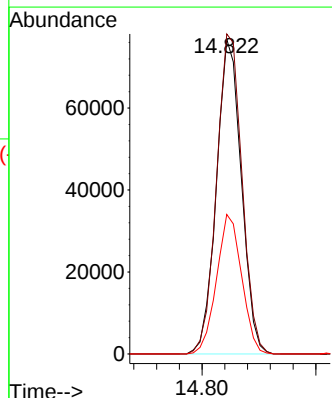
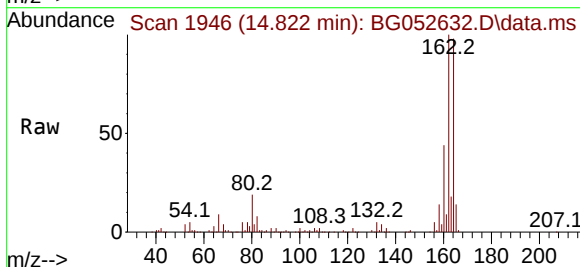
Tgt Ion:164 Resp: 116535

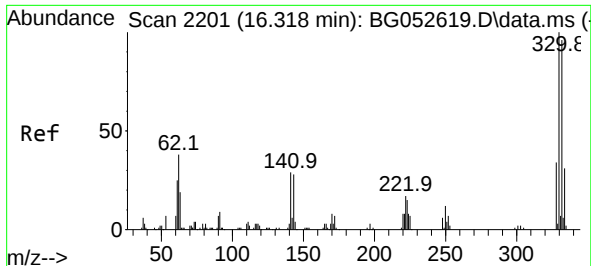
Ion Ratio Lower Upper

164 100

162 101.7 80.0 120.0

160 44.3 38.8 58.2

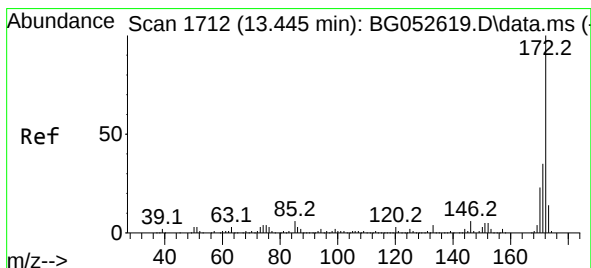
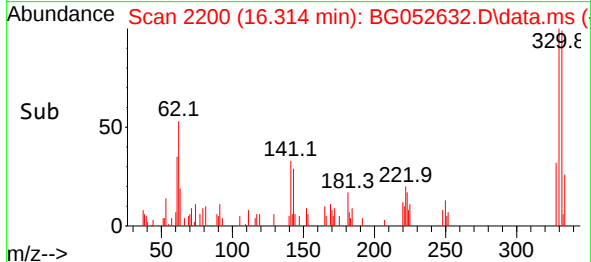
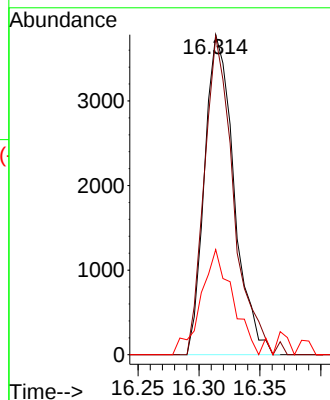
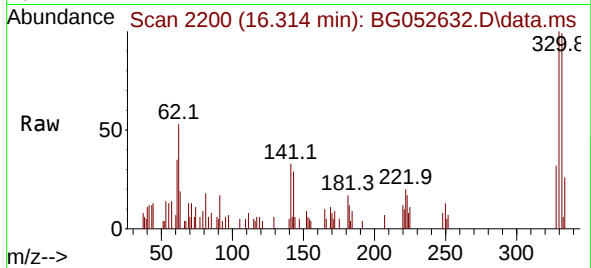




#42
2,4,6-Tribromophenol
Concen: 3.838 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

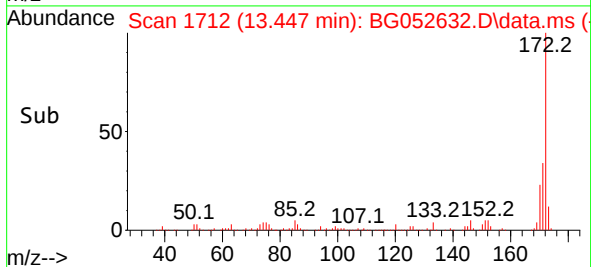
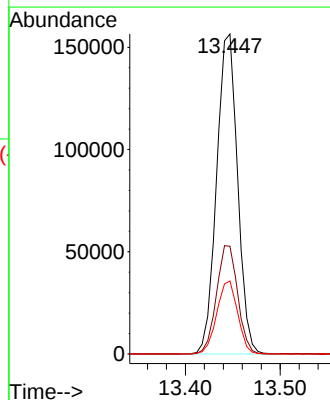
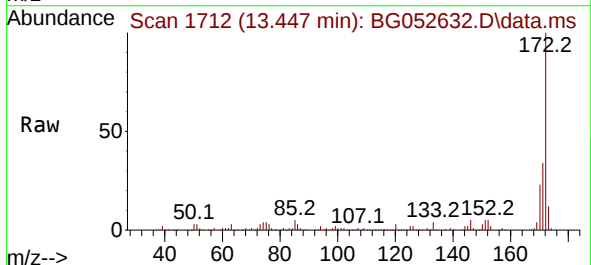
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

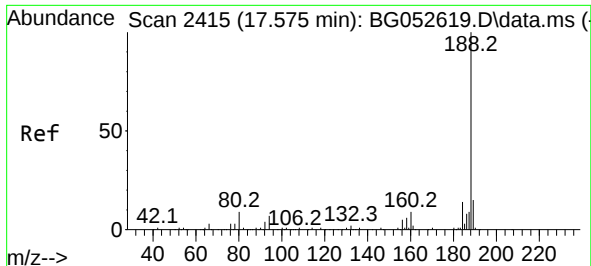
Tgt Ion:330 Resp: 6344
Ion Ratio Lower Upper
330 100
332 99.0 75.8 113.6
141 35.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 27.854 ng
RT: 13.447 min Scan# 1712
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

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

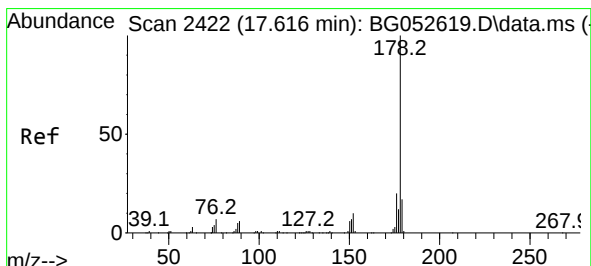
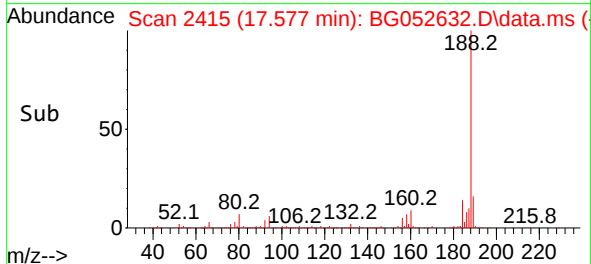
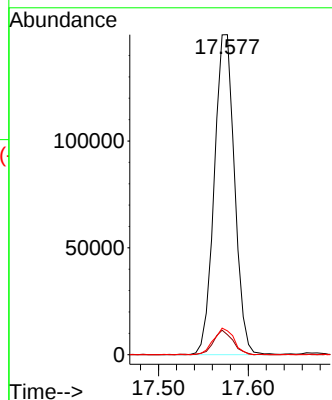
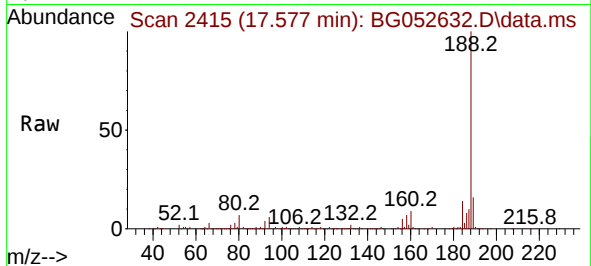




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2415
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

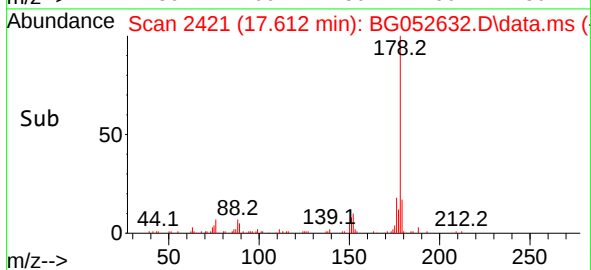
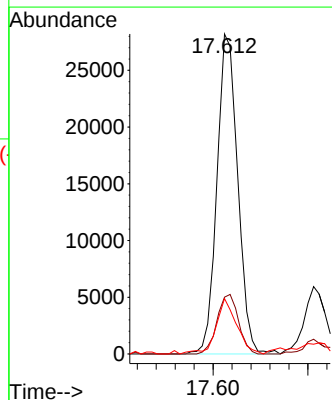
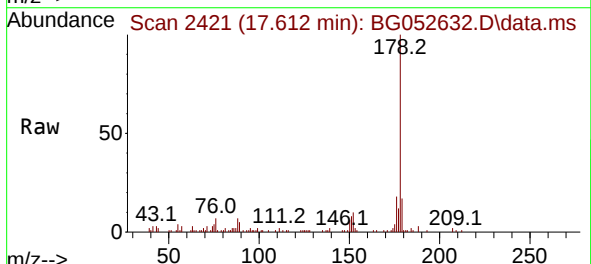
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

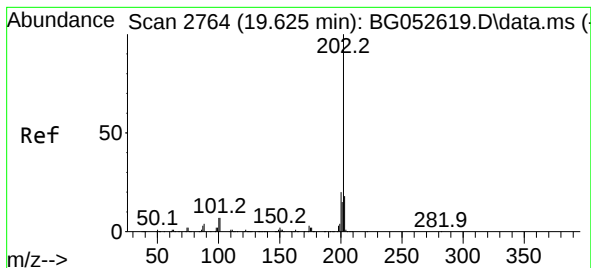
Tgt Ion:188 Resp: 235043
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 7.4 7.2 10.8



#71
Phenanthrene
Concen: 3.490 ng
RT: 17.612 min Scan# 2421
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

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# 21

Delta R.T. -0.004 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

Instrument :

BNA_G

ClientSampleId :

SAMPLE-9

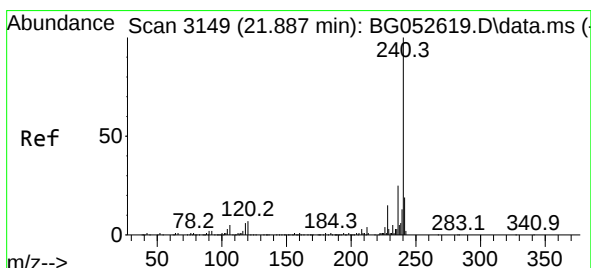
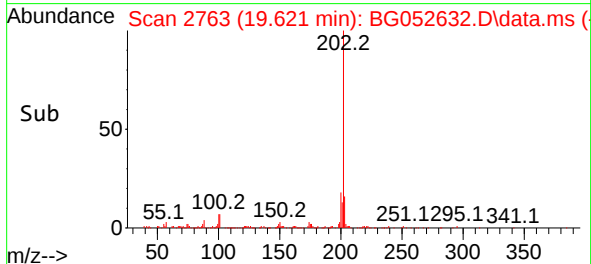
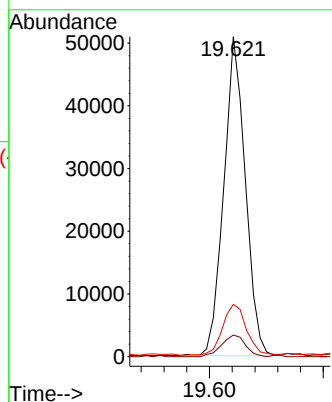
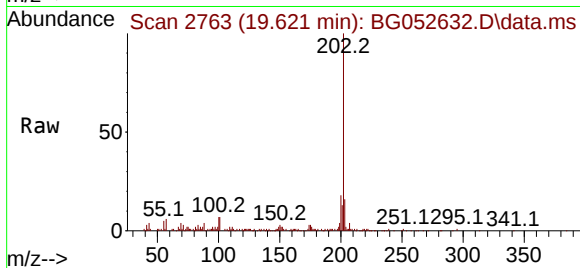
Tgt Ion:202 Resp: 66921

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# 3148

Delta R.T. -0.004 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

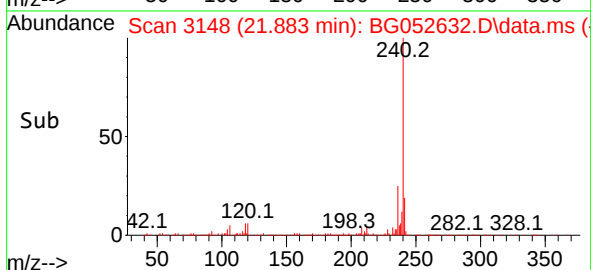
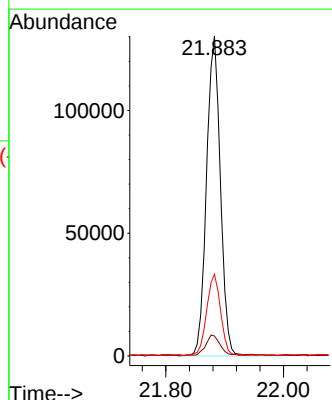
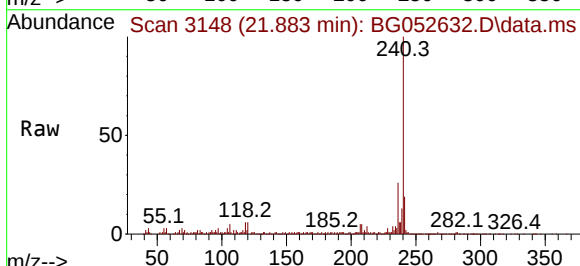
Tgt Ion:240 Resp: 214145

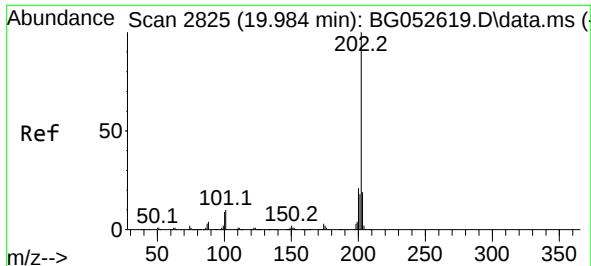
Ion Ratio Lower Upper

240 100

120 6.2 5.4 8.0

236 25.6 19.8 29.6

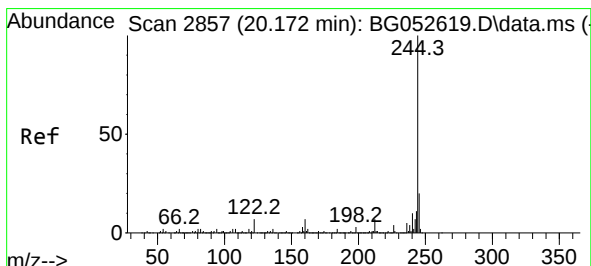
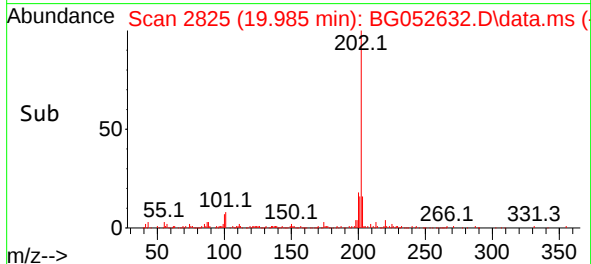
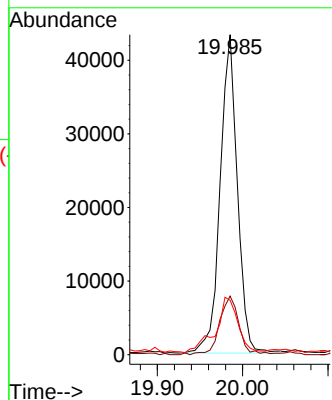
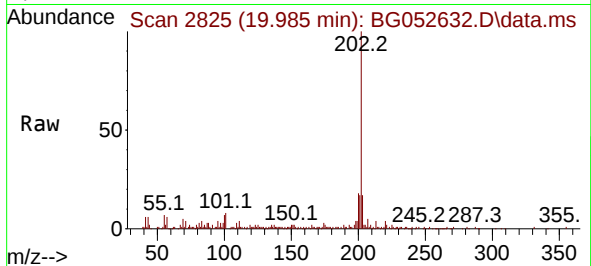




#78
Pyrene
Concen: 4.244 ng
RT: 19.985 min Scan# 2825
Delta R.T. 0.002 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

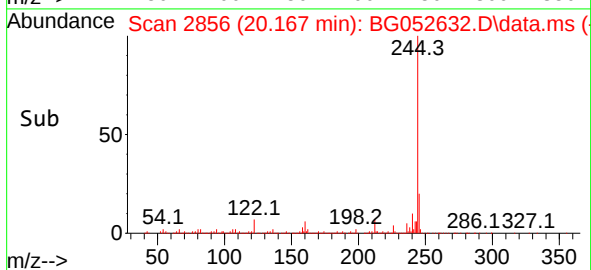
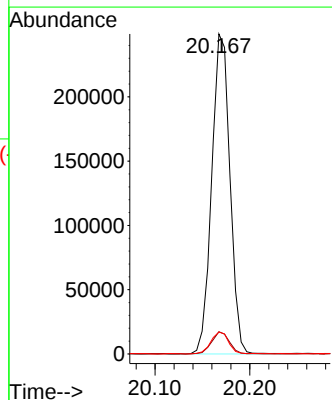
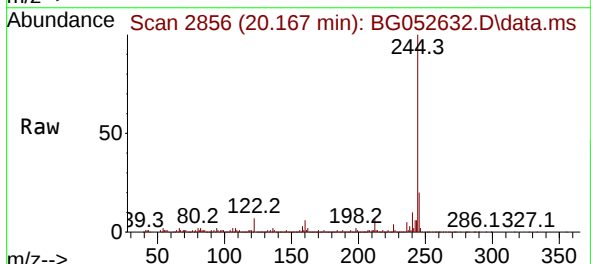
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

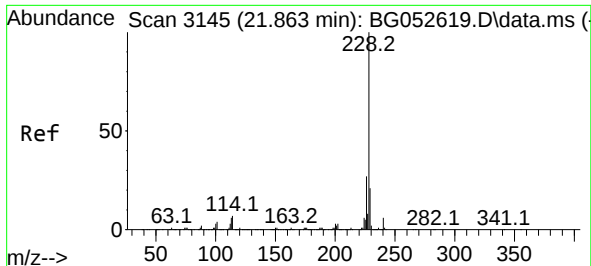
Tgt Ion:202 Resp: 60748
Ion Ratio Lower Upper
202 100
200 18.3 17.0 25.6
203 17.0 15.0 22.6



#79
Terphenyl-d14
Concen: 27.489 ng
RT: 20.167 min Scan# 2856
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

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

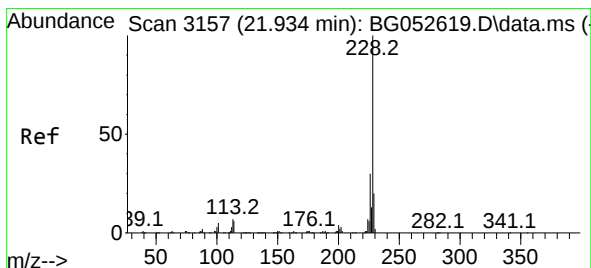
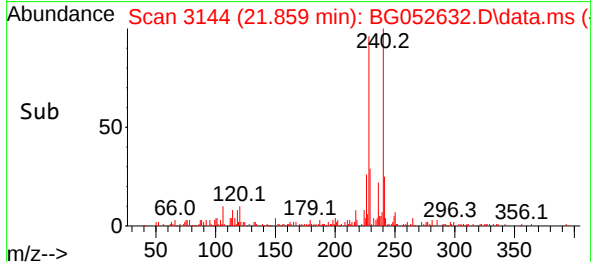
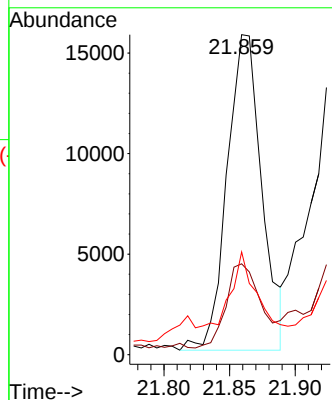
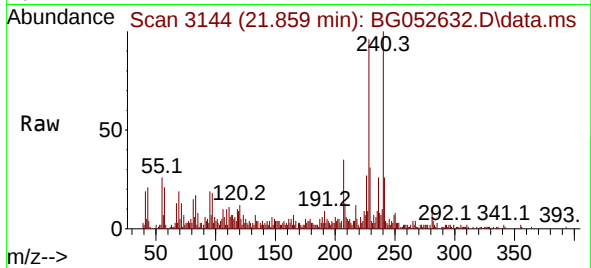




#81
Benzo(a)anthracene
Concen: 2.016 ng
RT: 21.859 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

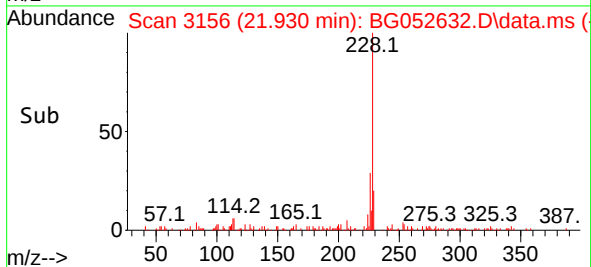
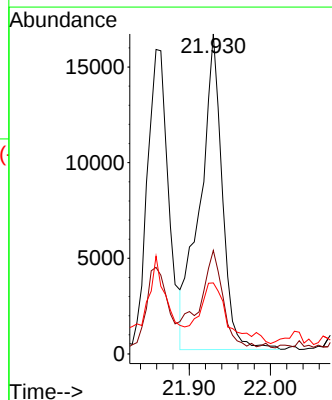
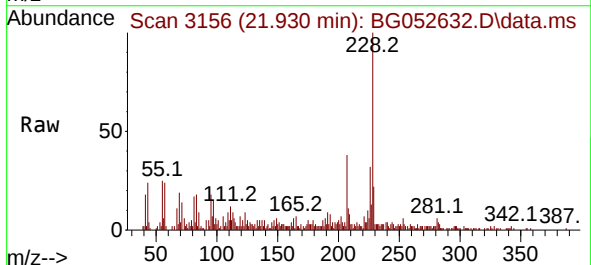
Instrument :
BNA_G
ClientSampleId :
SAMPLE-9

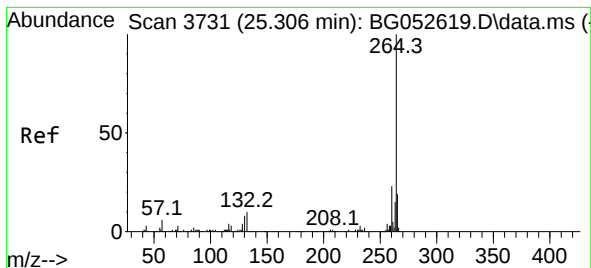
Tgt Ion:228 Resp: 28928
Ion Ratio Lower Upper
228 100
226 28.4 21.4 32.0
229 32.1 16.7 25.1#



#83
Chrysene
Concen: 2.336 ng
RT: 21.930 min Scan# 3156
Delta R.T. -0.004 min
Lab File: BG052632.D
Acq: 10 Mar 2022 13:45

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# 3

Delta R.T. 0.002 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

Instrument :

BNA_G

ClientSampleId :

SAMPLE-9

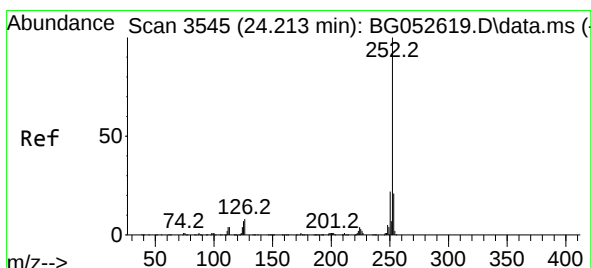
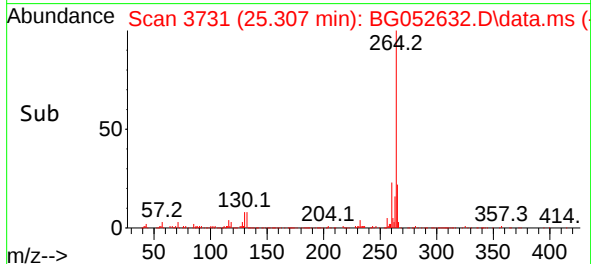
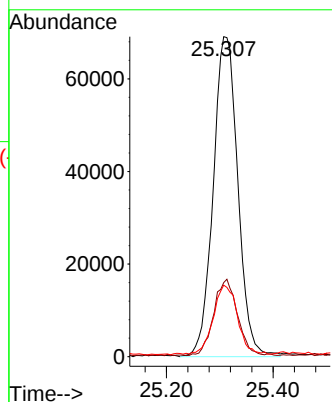
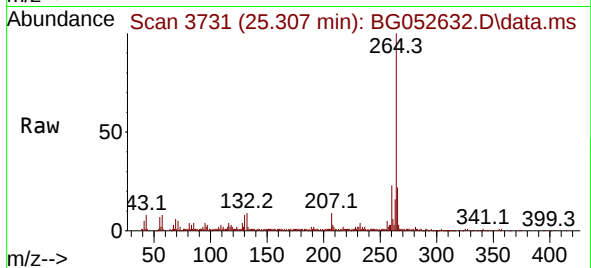
Tgt Ion:264 Resp: 222238

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# 3545

Delta R.T. 0.002 min

Lab File: BG052632.D

Acq: 10 Mar 2022 13:45

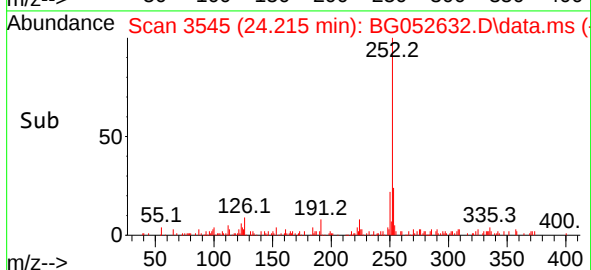
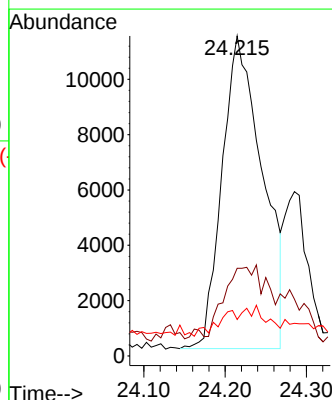
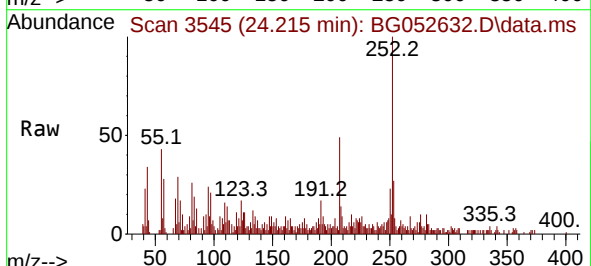
Tgt Ion:252 Resp: 39003

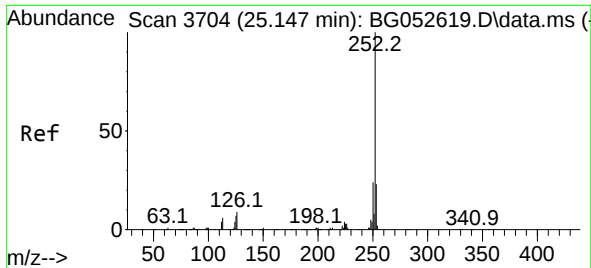
Ion Ratio Lower Upper

252 100

253 27.4 17.2 25.8#

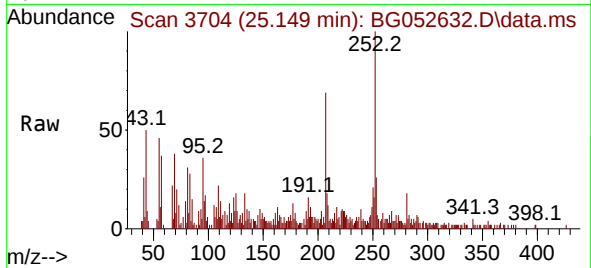
125 11.4 5.2 7.8#





#90
 Benzo(a)pyrene
 Concen: 2.276 ng
 RT: 25.149 min Scan# 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:	26419
Ion Ratio	Lower	Upper	
252	100		
253	26.3	18.4	27.6
125	17.9	5.6	8.4#

