

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054452.D
 Acq On : 29 Jul 2022 16:53
 Operator : CG/JU
 Sample : N3895-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-44

Quant Time: Jul 30 03:18:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

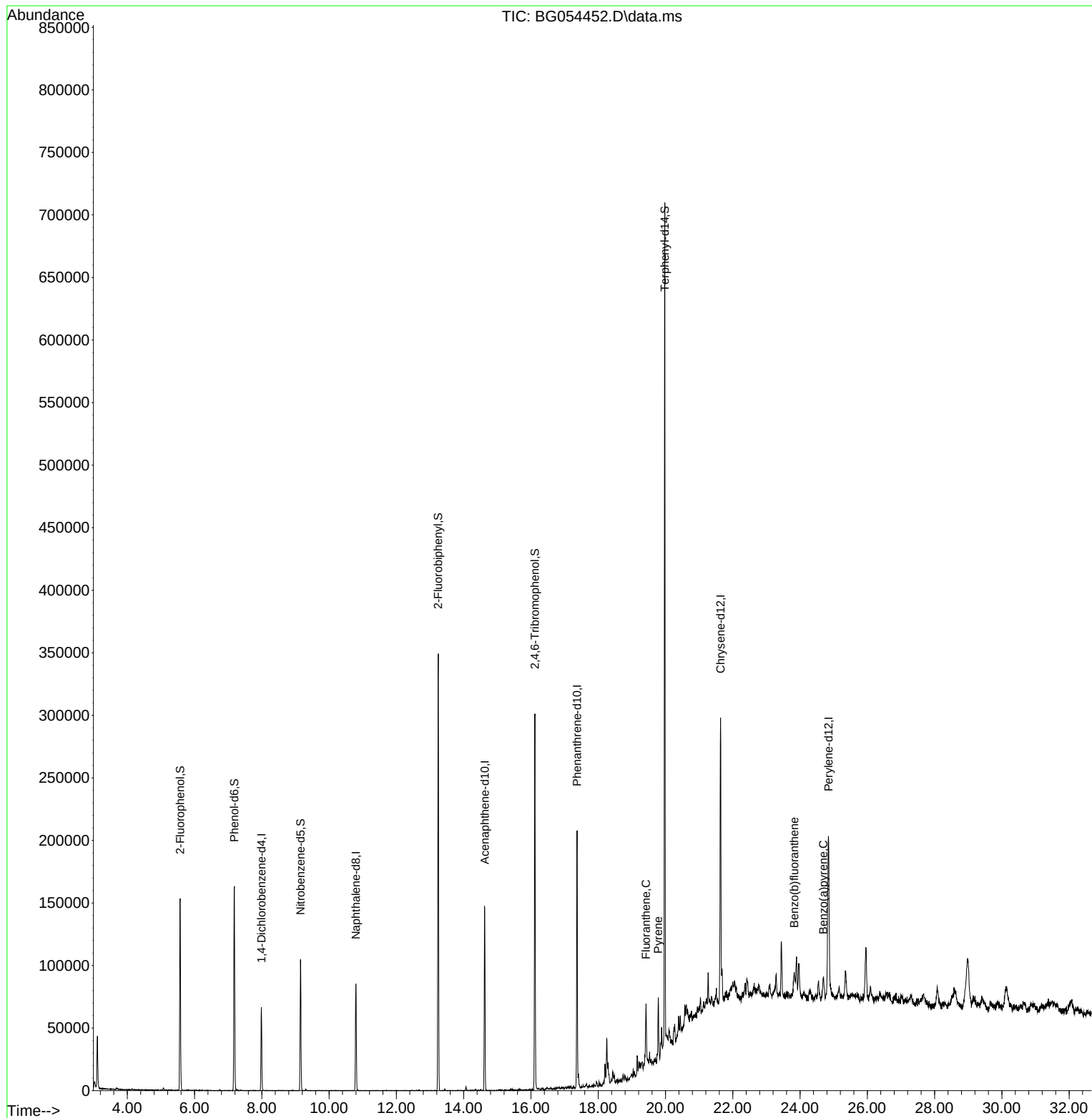
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	20742	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	79974	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	59443	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	142631	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	155637	20.000	ng	# 0.00
86) Perylene-d12	24.844	264	168812	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	71362	71.833	ng	0.01
7) Phenol-d6	7.183	99	95176	69.917	ng	0.01
23) Nitrobenzene-d5	9.151	82	64927	44.211	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	84972	68.082	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	200347	47.546	ng	0.00
79) Terphenyl-d14	19.979	244	385335	49.116	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.421	202	23534	2.431	ng	95
78) Pyrene	19.785	202	33346	3.734	ng	96
88) Benzo(b)fluoranthene	23.828	252	25738	2.578	ng	# 96
90) Benzo(a)pyrene	24.691	252	17388	2.039	ng	# 89

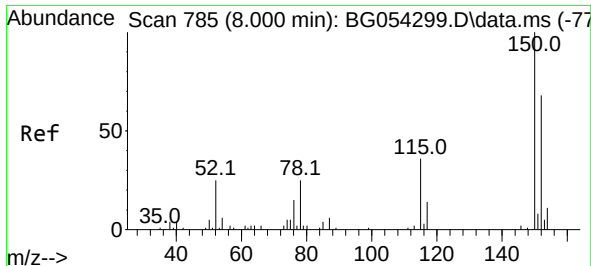
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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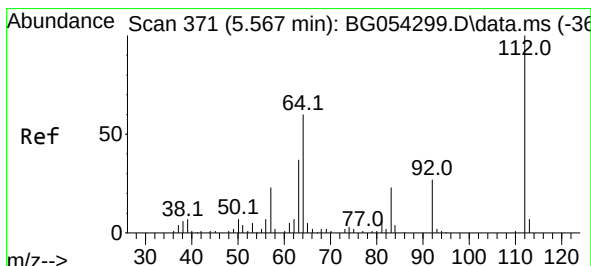
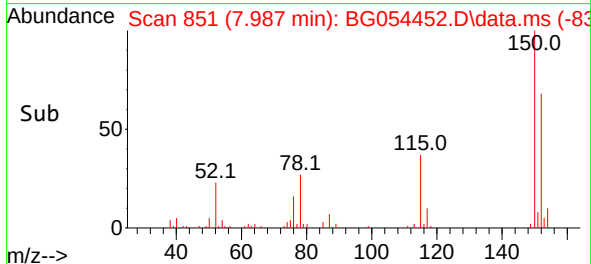
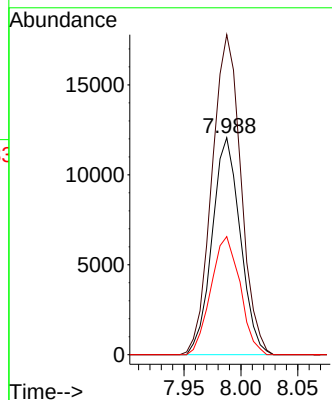
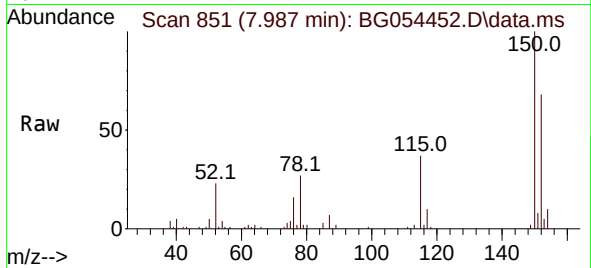




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

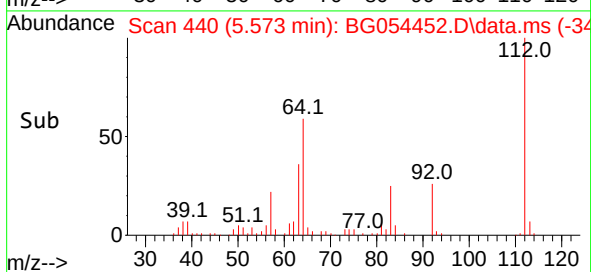
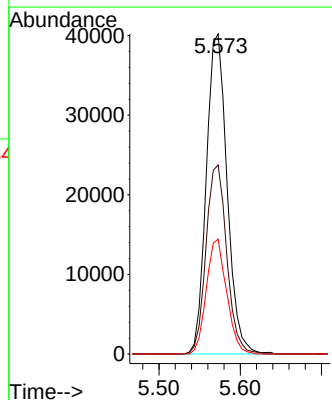
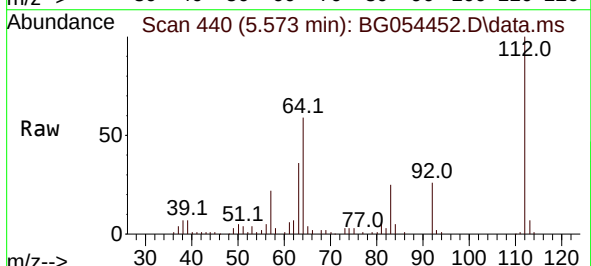
Instrument :
BNA_G
ClientSampleId :
RVE-44

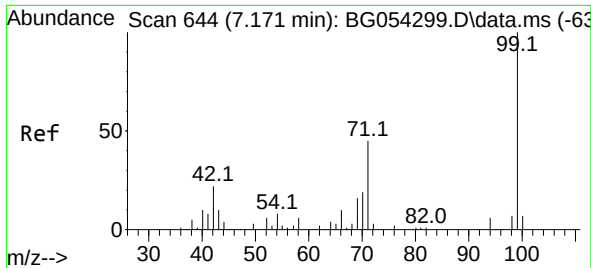
Tgt Ion:152 Resp: 20742
Ion Ratio Lower Upper
152 100
150 147.5 131.6 197.4
115 54.4 50.9 76.3



#5
2-Fluorophenol
Concen: 71.833 ng
RT: 5.573 min Scan# 440
Delta R.T. 0.011 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

Tgt Ion:112 Resp: 71362
Ion Ratio Lower Upper
112 100
64 59.0 55.1 82.7
63 35.9 30.4 45.6





#7

Phenol-d6

Concen: 69.917 ng

RT: 7.183 min Scan# 71

Delta R.T. 0.011 min

Lab File: BG054452.D

Acq: 29 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

RVE-44

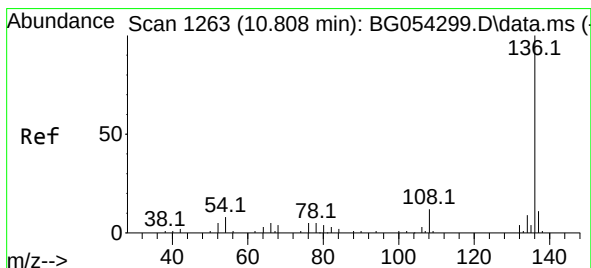
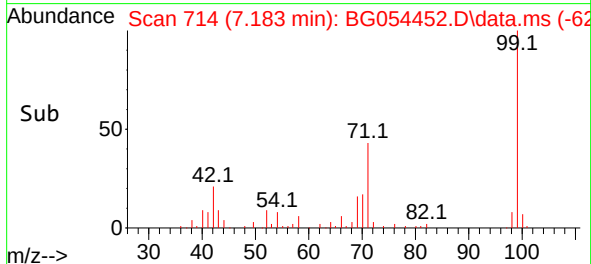
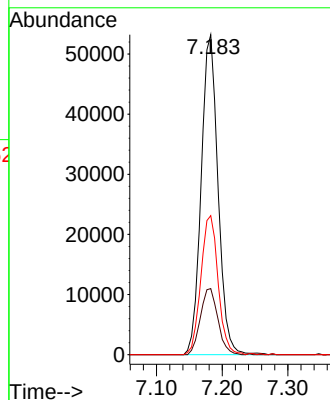
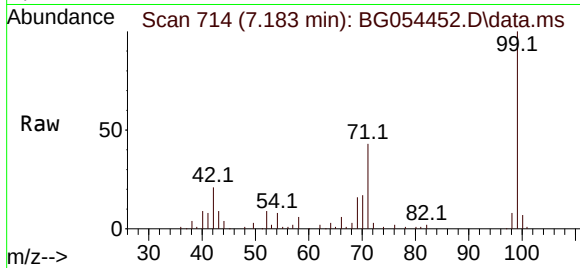
Tgt Ion: 99 Resp: 95176

Ion Ratio Lower Upper

99 100

42 20.6 17.0 25.6

71 43.5 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.796 min Scan# 1329

Delta R.T. -0.001 min

Lab File: BG054452.D

Acq: 29 Jul 2022 16:53

Tgt Ion: 136 Resp: 79974

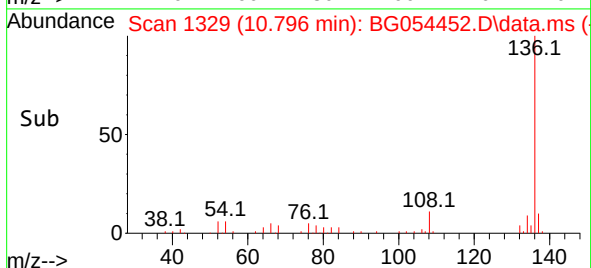
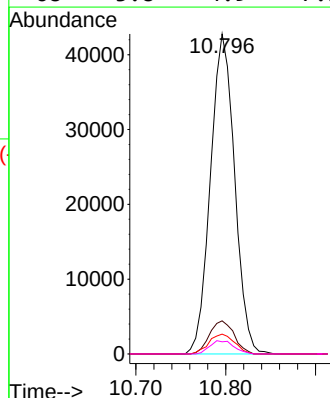
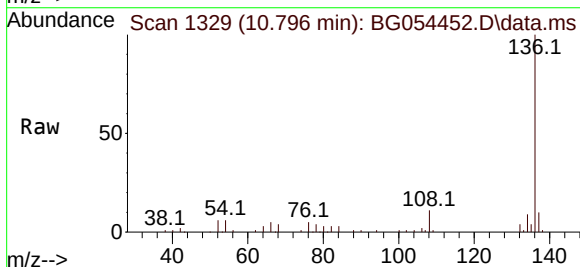
Ion Ratio Lower Upper

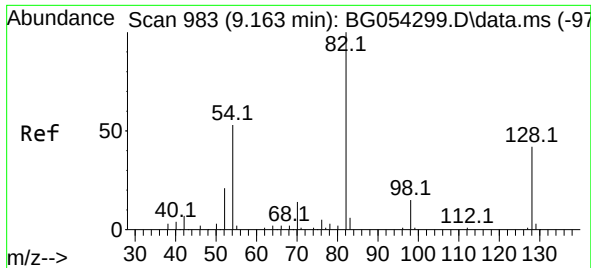
136 100

137 10.3 8.5 12.7

54 6.2 7.4 11.2#

68 3.8 4.9 7.3#

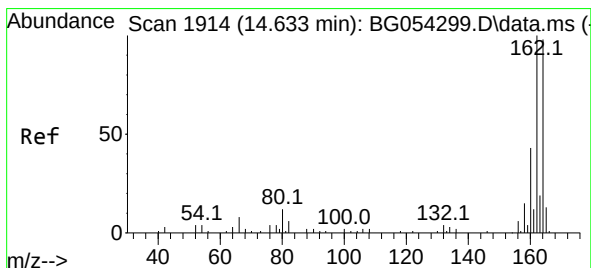
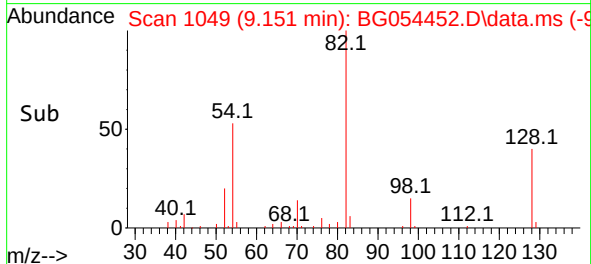
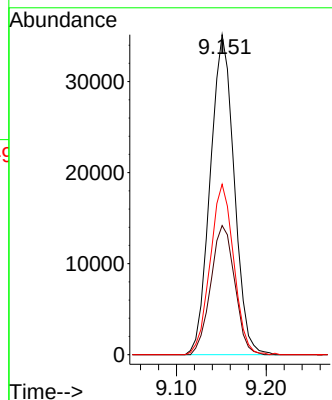
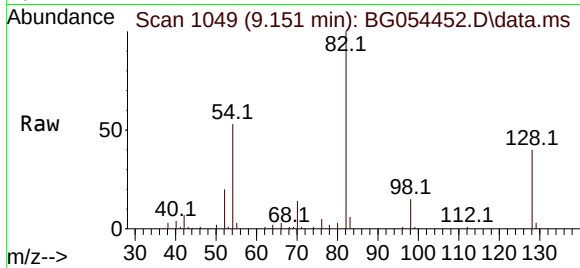




#23
Nitrobenzene-d5
Concen: 44.211 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

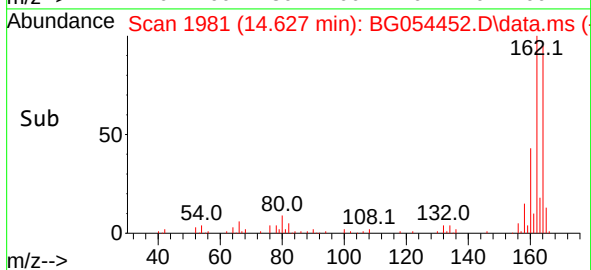
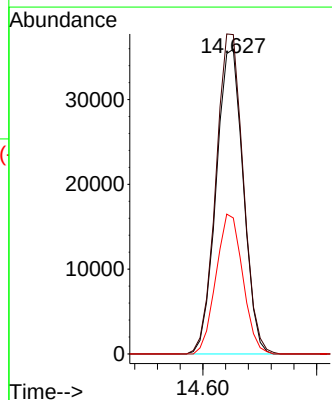
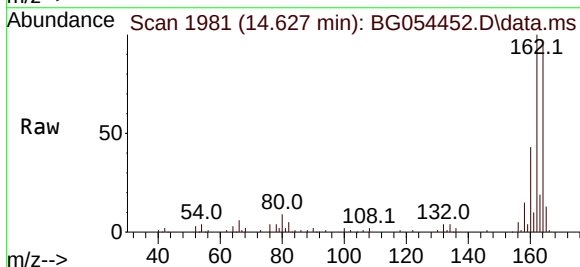
Instrument :
BNA_G
ClientSampleId :
RVE-44

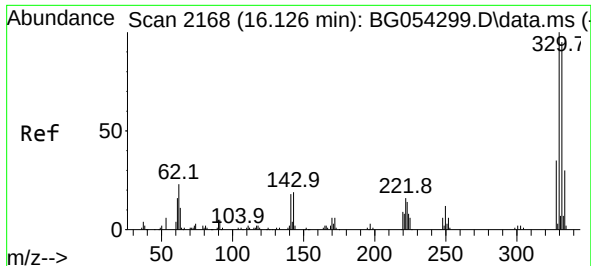
Tgt Ion: 82 Resp: 64927
Ion Ratio Lower Upper
82 100
128 40.4 27.9 41.9
54 53.2 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1981
Delta R.T. 0.005 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

Tgt Ion:164 Resp: 59443
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 44.6 34.2 51.2

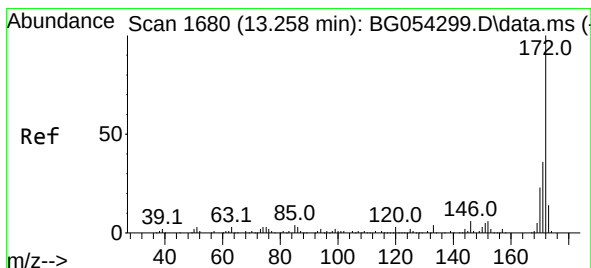
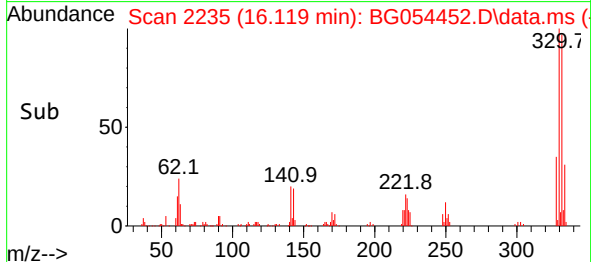
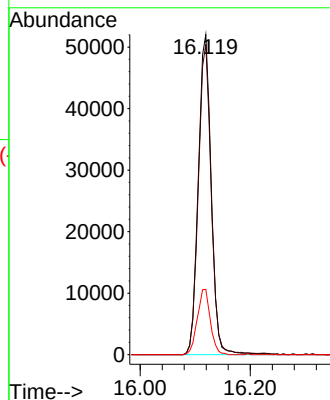
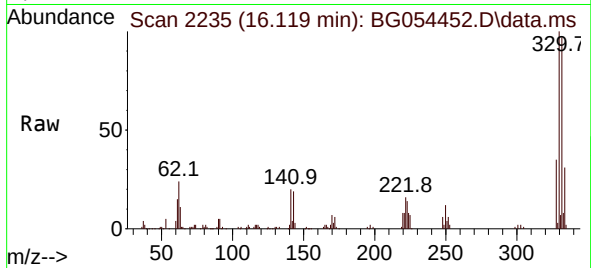




#42
2,4,6-Tribromophenol
Concen: 68.082 ng
RT: 16.119 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

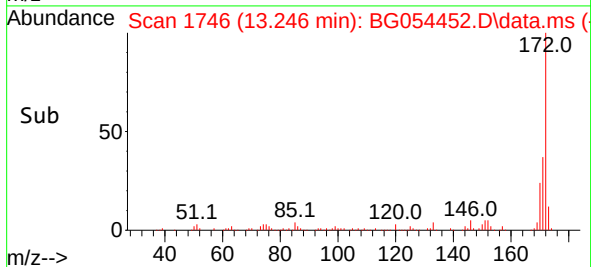
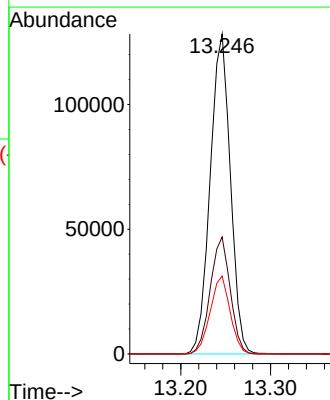
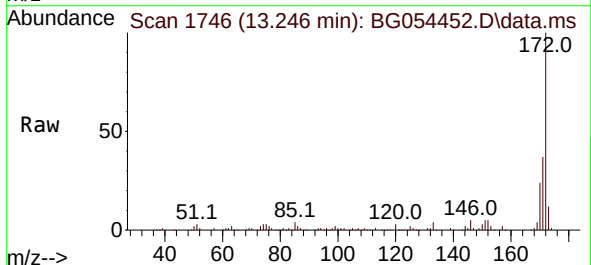
Instrument :
BNA_G
ClientSampleId :
RVE-44

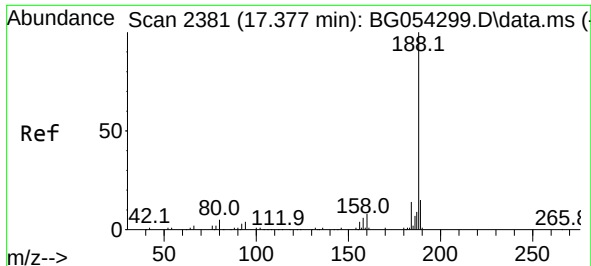
Tgt Ion:330 Resp: 84972
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 20.6 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 47.546 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

Tgt Ion:172 Resp: 200347
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.4 18.9 28.3

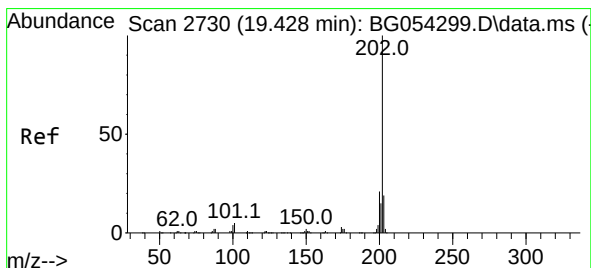
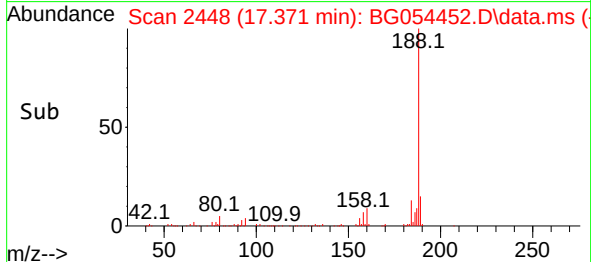
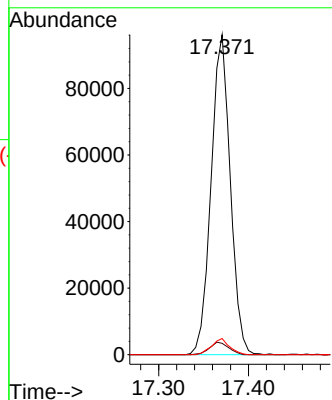
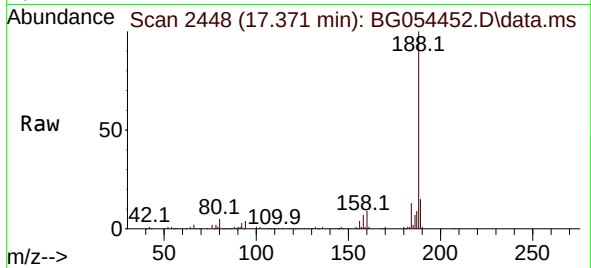




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

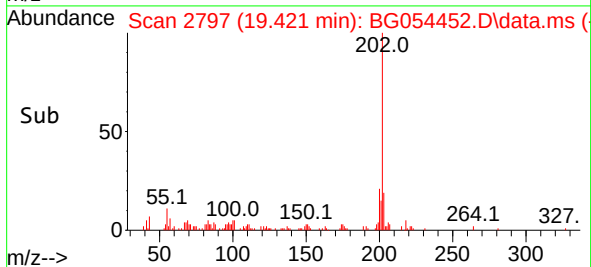
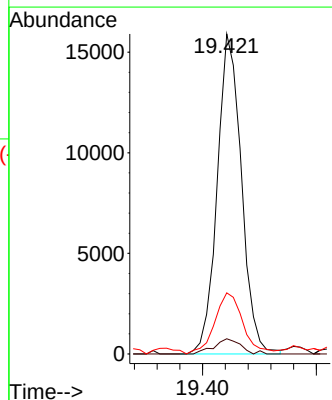
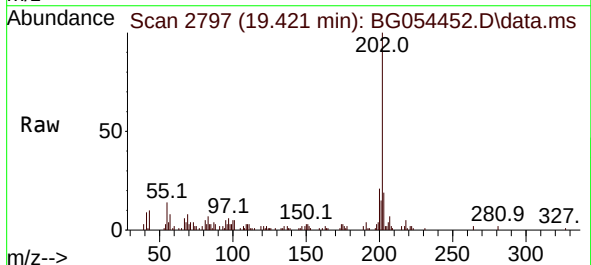
Instrument :
BNA_G
ClientSampleId :
RVE-44

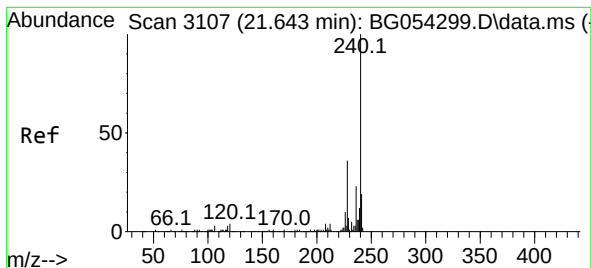
Tgt Ion:188 Resp: 142631
Ion Ratio Lower Upper
188 100
94 3.6 5.4 8.0#
80 5.1 6.8 10.2#



#75
Fluoranthene
Concen: 2.431 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

Tgt Ion:202 Resp: 23534
Ion Ratio Lower Upper
202 100
101 4.8 0.0 26.9
203 19.1 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG054452.D

Acq: 29 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

RVE-44

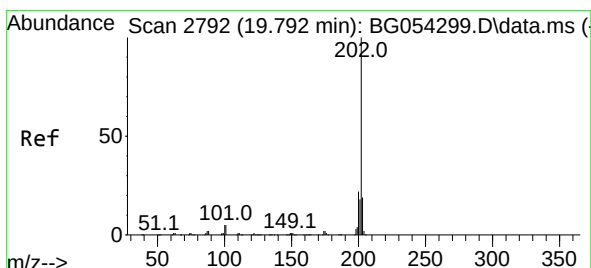
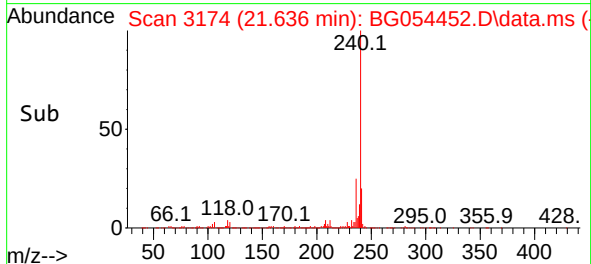
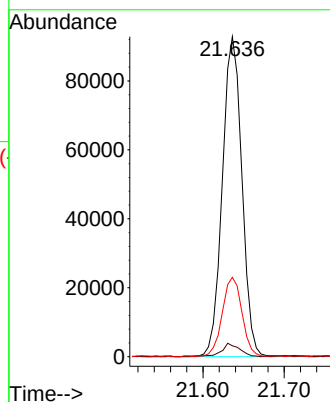
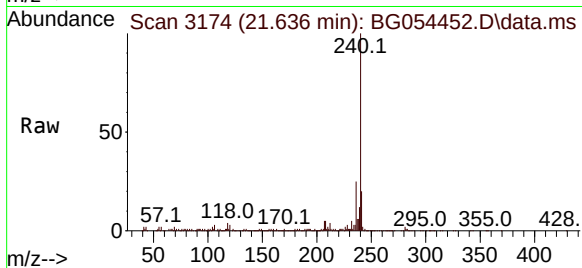
Tgt Ion:240 Resp: 155637

Ion Ratio Lower Upper

240 100

120 3.4 4.6 7.0#

236 24.8 20.2 30.4



#78

Pyrene

Concen: 3.734 ng

RT: 19.785 min Scan# 2859

Delta R.T. -0.001 min

Lab File: BG054452.D

Acq: 29 Jul 2022 16:53

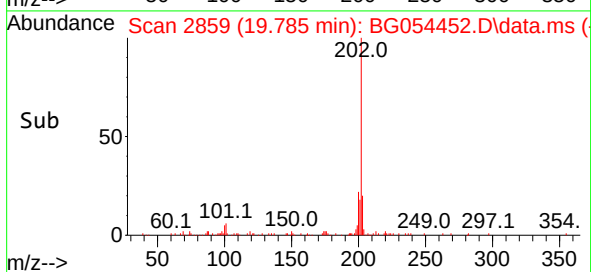
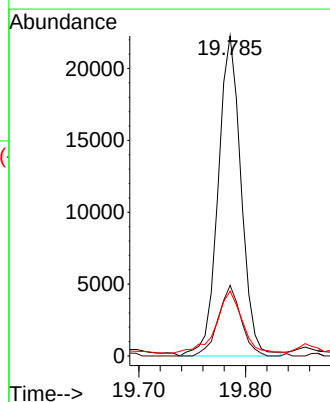
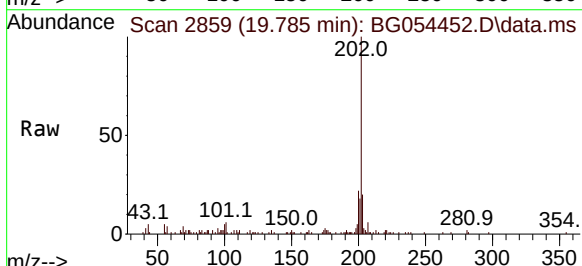
Tgt Ion:202 Resp: 33346

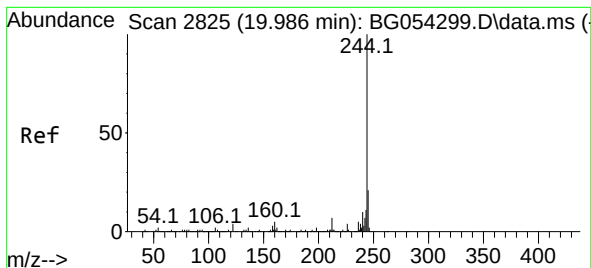
Ion Ratio Lower Upper

202 100

200 22.1 16.6 24.8

203 20.3 14.6 21.8





#79

Terphenyl-d14

Concen: 49.116 ng

RT: 19.979 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054452.D

Acq: 29 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

RVE-44

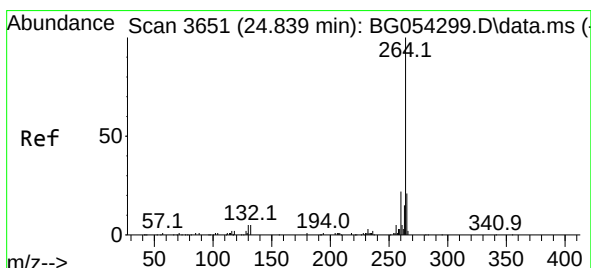
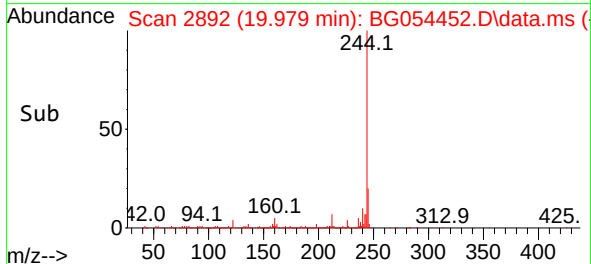
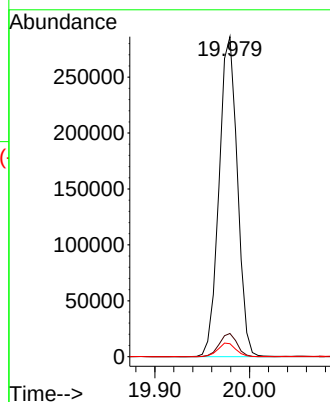
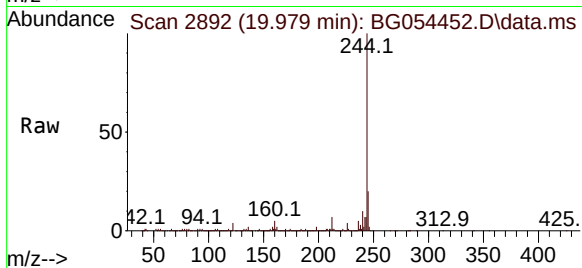
Tgt Ion:244 Resp: 385335

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 4.1 5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.844 min Scan# 3720

Delta R.T. 0.011 min

Lab File: BG054452.D

Acq: 29 Jul 2022 16:53

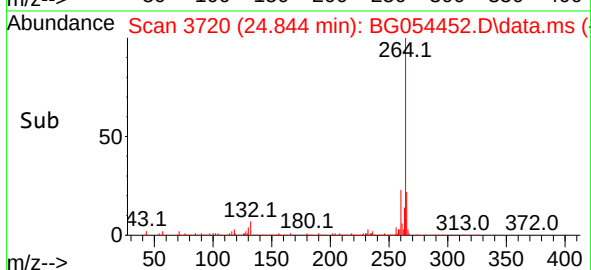
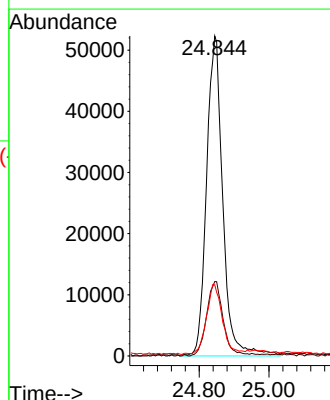
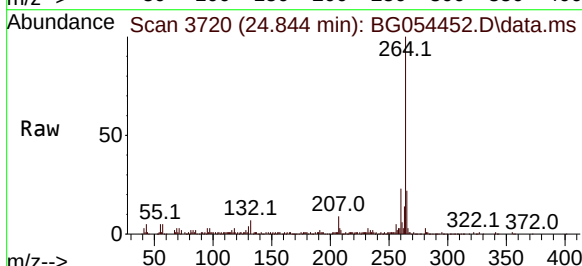
Tgt Ion:264 Resp: 168812

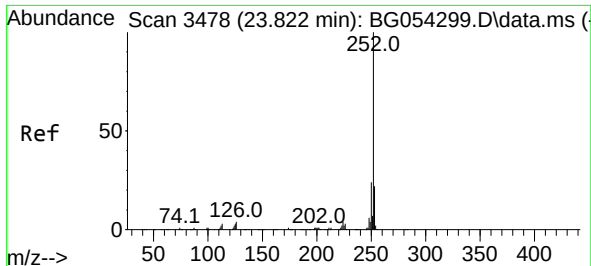
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.3 17.4 26.2

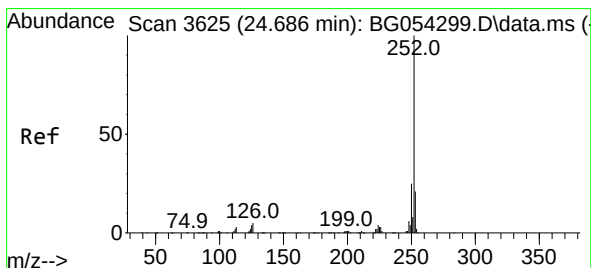
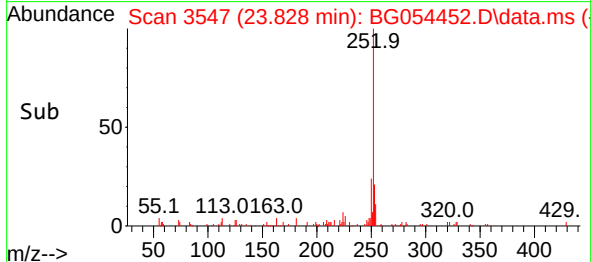
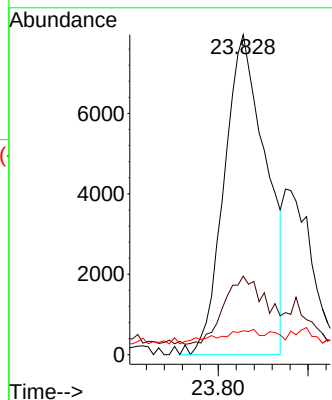
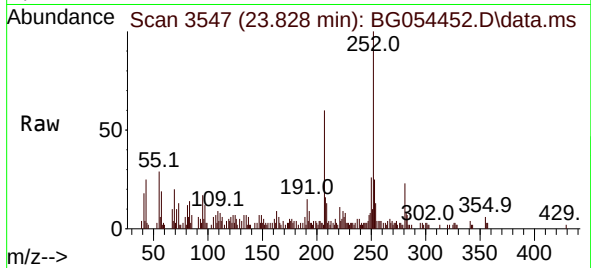




#88
Benzo(b)fluoranthene
Concen: 2.578 ng
RT: 23.828 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
RVE-44

Tgt Ion:252 Resp: 25738
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 7.4 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 2.039 ng
RT: 24.691 min Scan# 3694
Delta R.T. 0.005 min
Lab File: BG054452.D
Acq: 29 Jul 2022 16:53

Tgt Ion:252 Resp: 17388
Ion Ratio Lower Upper
252 100
253 27.0 17.8 26.8#
125 10.6 4.3 6.5#

