

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054451.D
 Acq On : 29 Jul 2022 16:11
 Operator : CG/JU
 Sample : N3895-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-42

Quant Time: Jul 30 03:18:22 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)

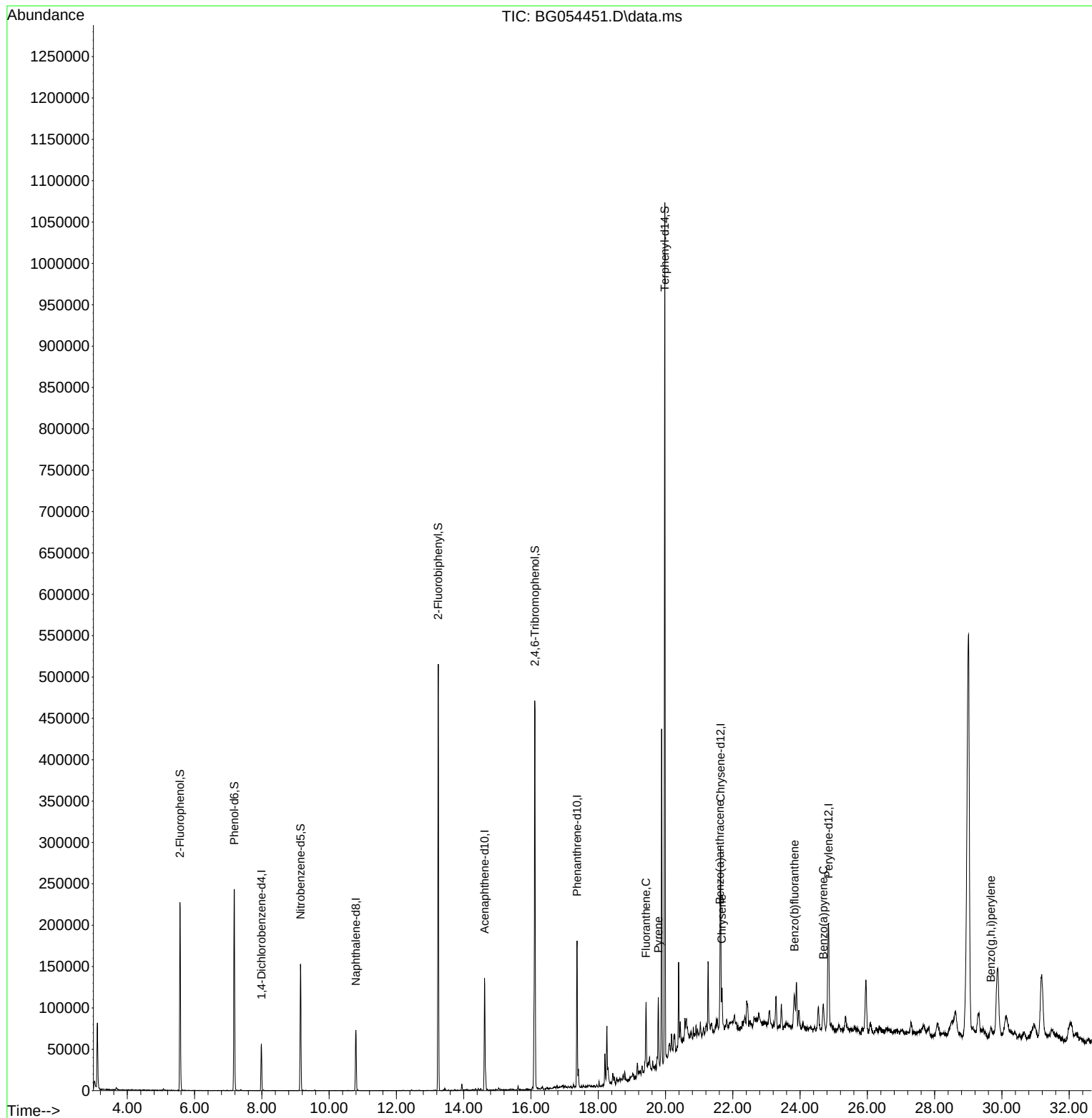
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	18141	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	70149	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	53267	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	128603	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	145419	20.000	ng	# 0.00
86) Perylene-d12	24.844	264	156526	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	105715	121.670	ng	0.00
7) Phenol-d6	7.182	99	142771	119.919	ng	0.01
23) Nitrobenzene-d5	9.151	82	94113	73.060	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	130187	116.404	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	292111	77.361	ng	0.00
79) Terphenyl-d14	19.979	244	581246	79.293	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.421	202	47483	5.439	ng	95
78) Pyrene	19.785	202	58838	7.052	ng	95
81) Benzo(a)anthracene	21.618	228	24262	2.628	ng	98
83) Chrysene	21.677	228	39685	4.550	ng	94
88) Benzo(b)fluoranthene	23.833	252	59066	6.381	ng	# 96
90) Benzo(a)pyrene	24.691	252	33820	4.278	ng	# 95
92) Benzo(g,h,i)perylene	29.674	276	32928	3.407	ng	# 91

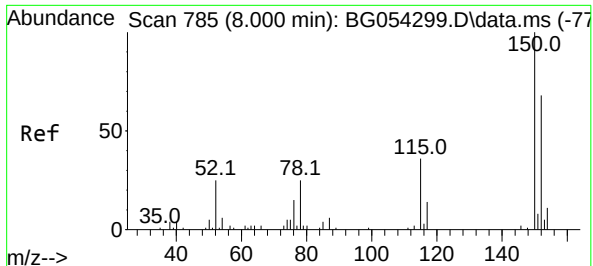
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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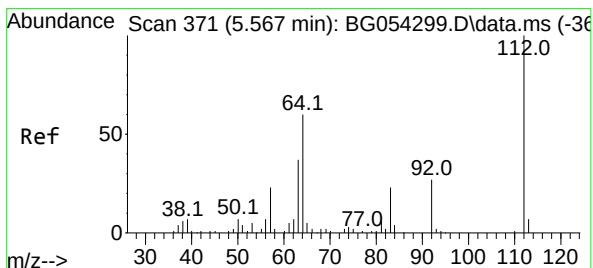
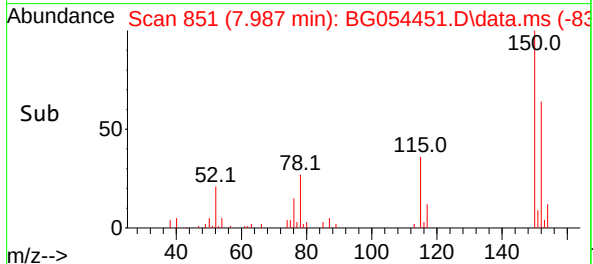
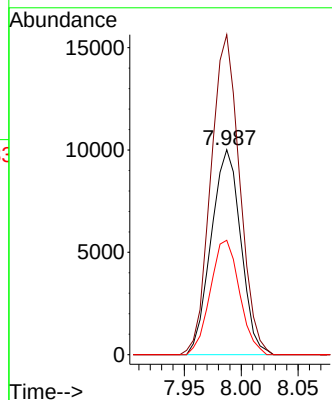
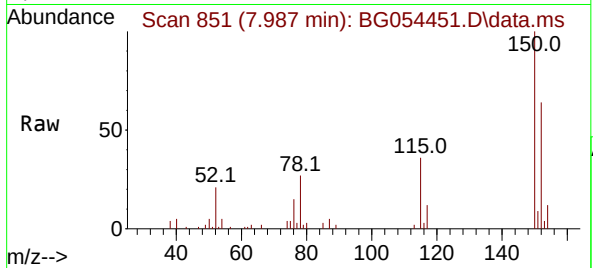




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

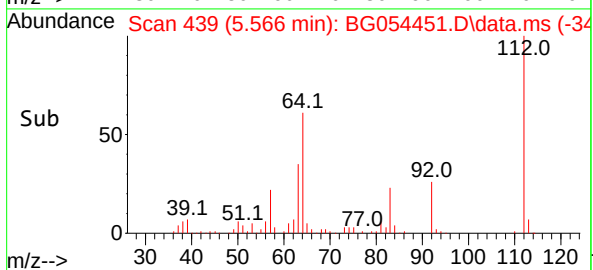
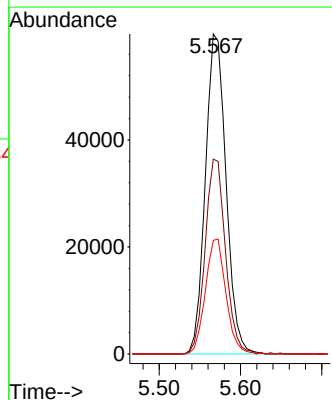
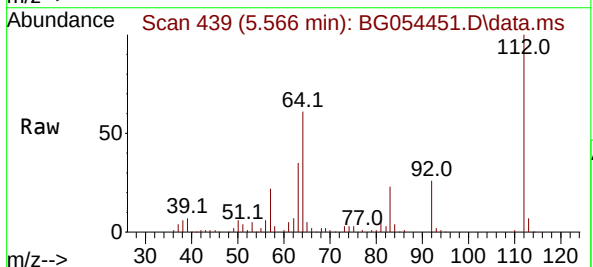
Instrument :
BNA_G
ClientSampleId :
RVE-42

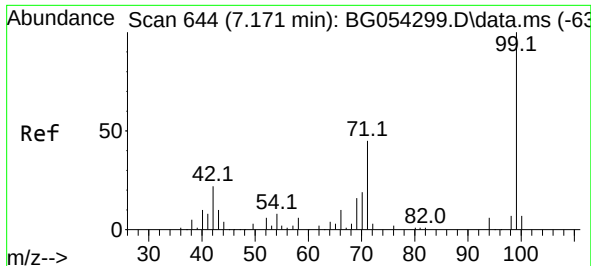
Tgt Ion:152 Resp: 18141
Ion Ratio Lower Upper
152 100
150 156.1 131.6 197.4
115 55.8 50.9 76.3



#5
2-Fluorophenol
Concen: 121.670 ng
RT: 5.566 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

Tgt Ion:112 Resp: 105715
Ion Ratio Lower Upper
112 100
64 60.9 55.1 82.7
63 35.5 30.4 45.6

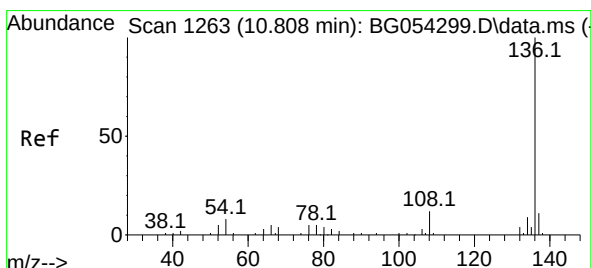
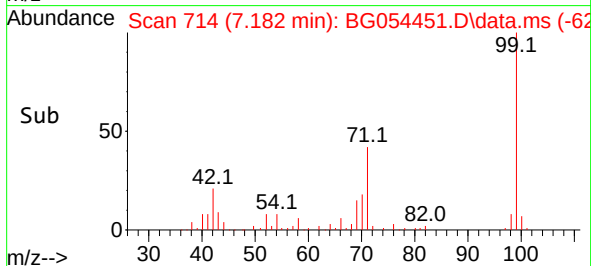
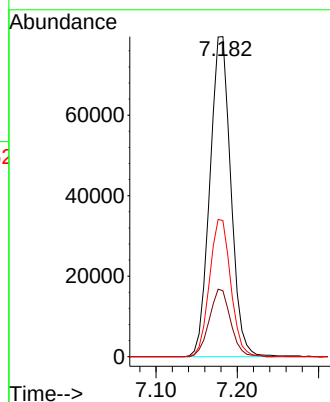
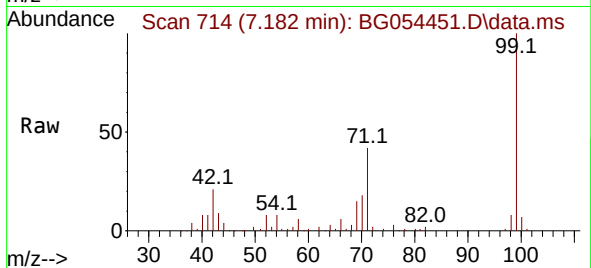




#7
Phenol-d6
Concen: 119.919 ng
RT: 7.182 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

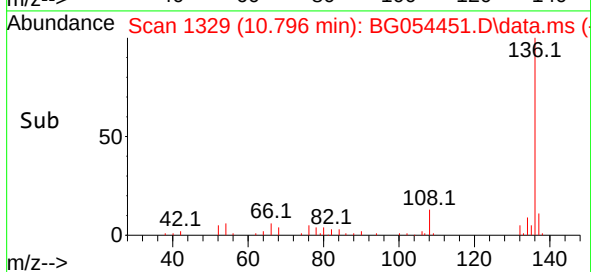
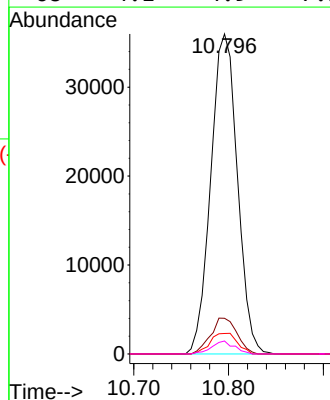
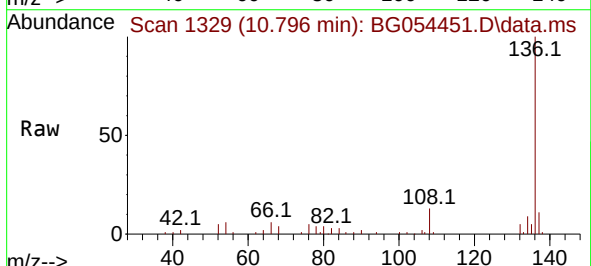
Instrument :
BNA_G
ClientSampleId :
RVE-42

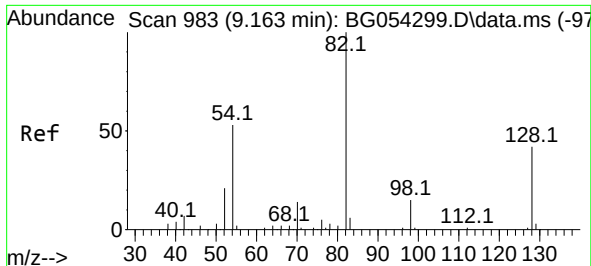
Tgt Ion: 99 Resp: 142771
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 42.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

Tgt Ion: 136 Resp: 70149
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.4 7.4 11.2#
68 4.1 4.9 7.3#

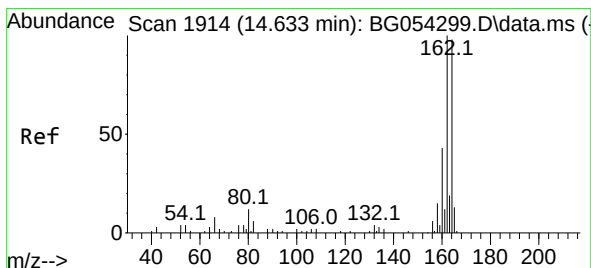
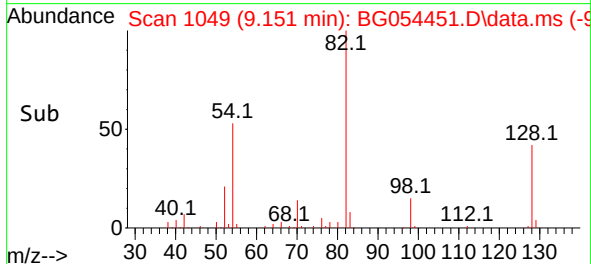
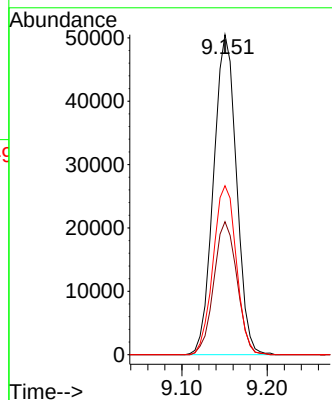
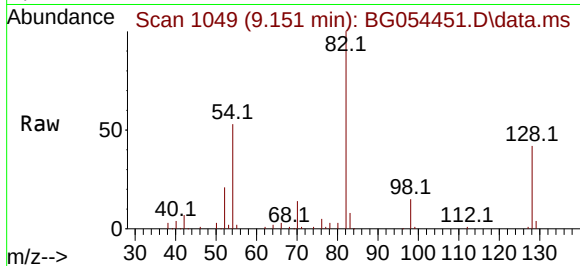




#23
Nitrobenzene-d5
Concen: 73.060 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

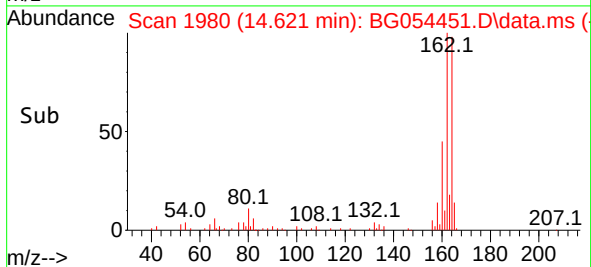
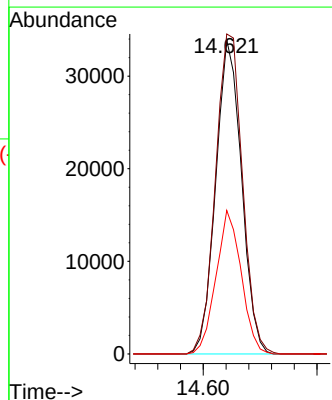
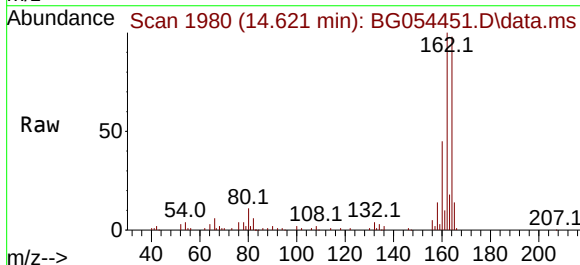
Instrument :
BNA_G
ClientSampleId :
RVE-42

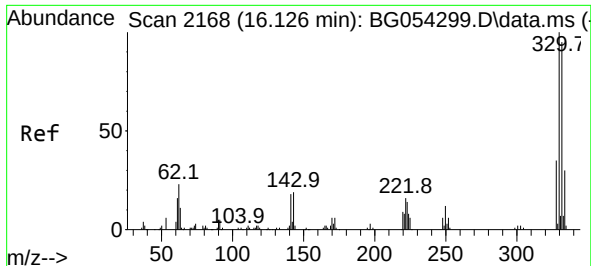
Tgt Ion: 82 Resp: 94113
Ion Ratio Lower Upper
82 100
128 41.6 27.9 41.9
54 52.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

Tgt Ion: 164 Resp: 53267
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 45.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 116.404 ng

RT: 16.119 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG054451.D

Acq: 29 Jul 2022 16:11

Instrument :

BNA_G

ClientSampleId :

RVE-42

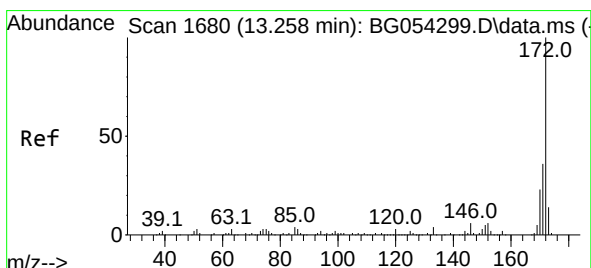
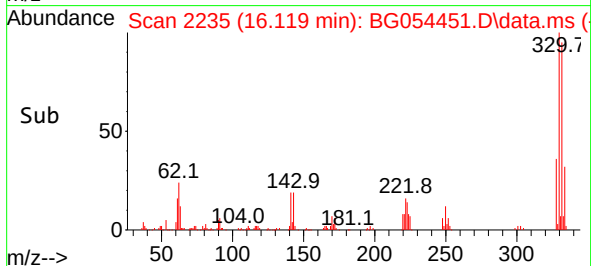
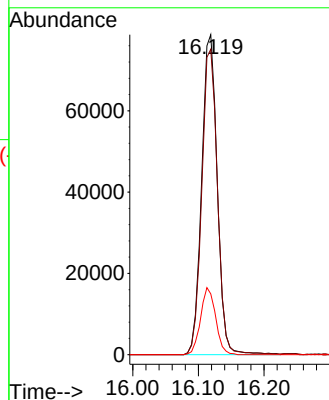
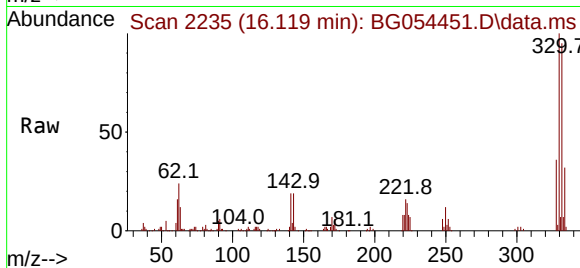
Tgt Ion:330 Resp: 130187

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 20.2 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 77.361 ng

RT: 13.246 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG054451.D

Acq: 29 Jul 2022 16:11

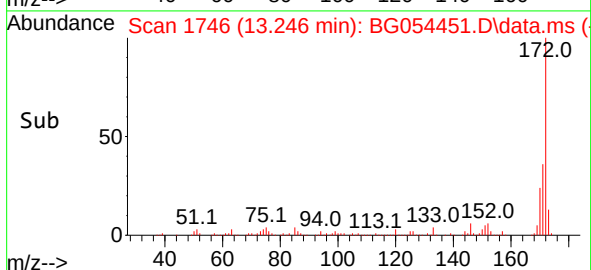
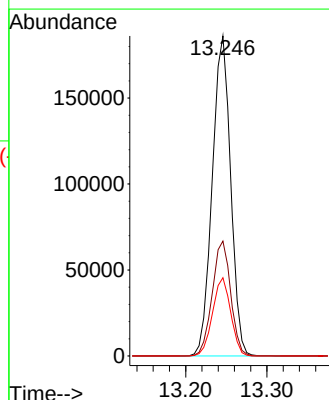
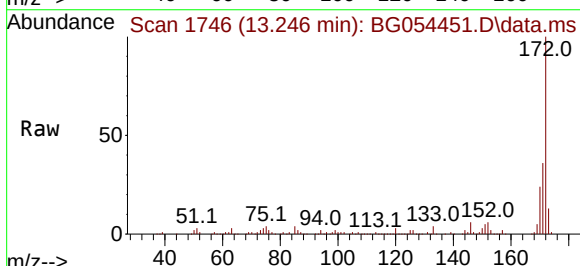
Tgt Ion:172 Resp: 292111

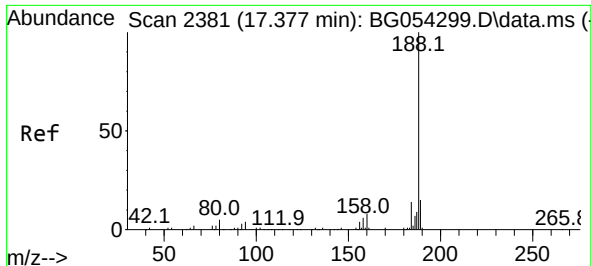
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.5 18.9 28.3

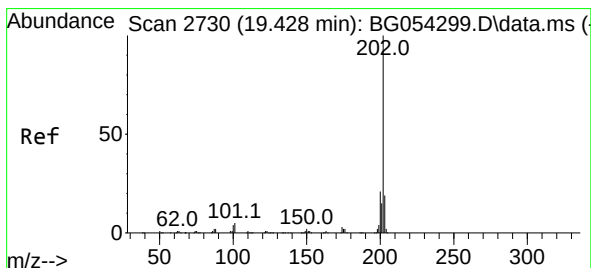
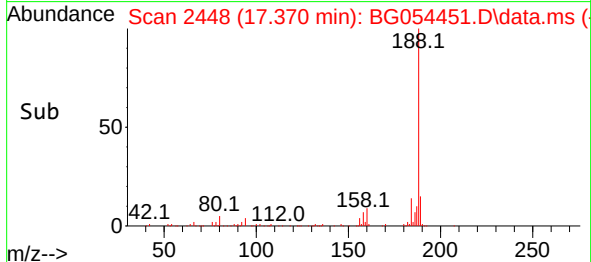
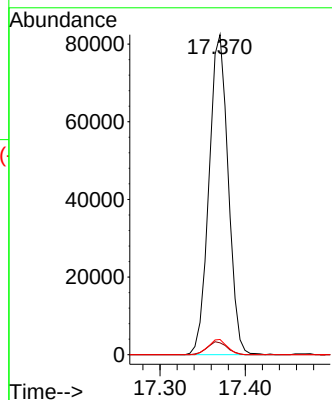
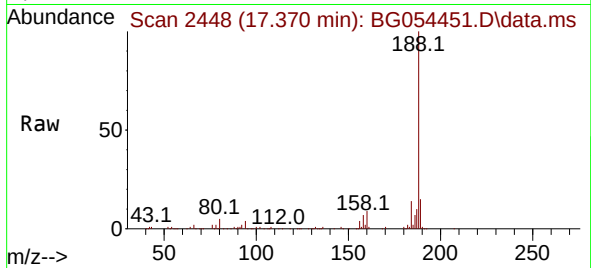




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

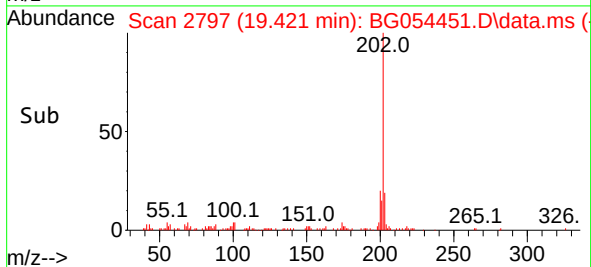
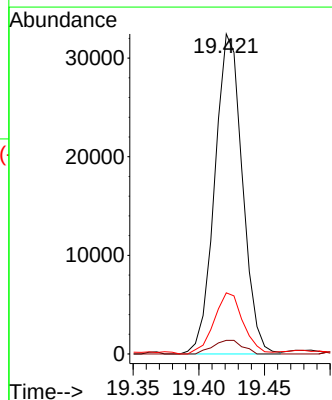
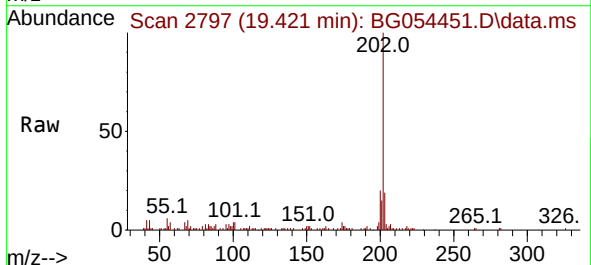
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RVE-42

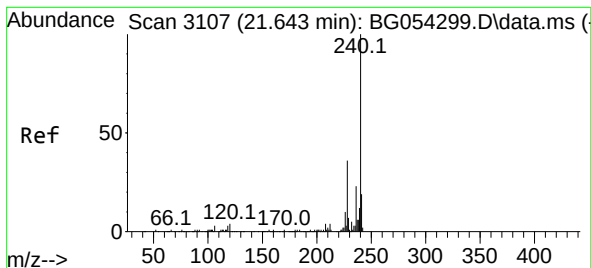
Tgt Ion:188 Resp: 128603
Ion Ratio Lower Upper
188 100
94 3.7 5.4 8.0#
80 4.7 6.8 10.2#



#75
Fluoranthene
Concen: 5.439 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

Tgt Ion:202 Resp: 47483
Ion Ratio Lower Upper
202 100
101 4.3 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: BG054451.D

Acq: 29 Jul 2022 16:11

Instrument :

BNA_G

ClientSampleId :

RVE-42

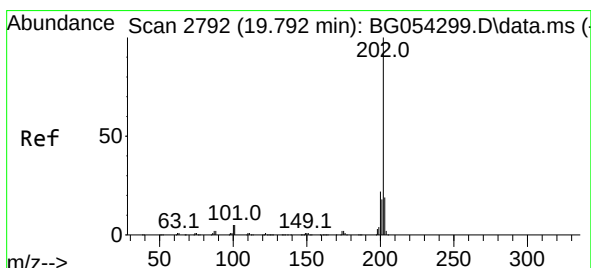
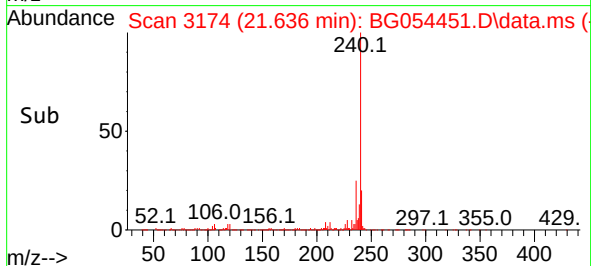
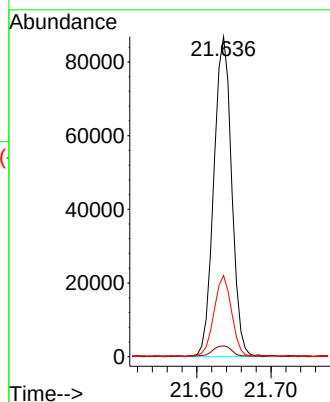
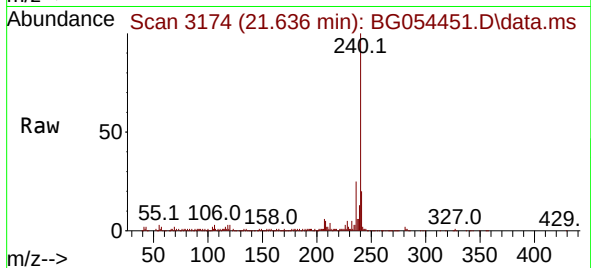
Tgt Ion:240 Resp: 145419

Ion Ratio Lower Upper

240 100

120 3.4 4.6 7.0#

236 25.4 20.2 30.4



#78

Pyrene

Concen: 7.052 ng

RT: 19.785 min Scan# 2859

Delta R.T. -0.001 min

Lab File: BG054451.D

Acq: 29 Jul 2022 16:11

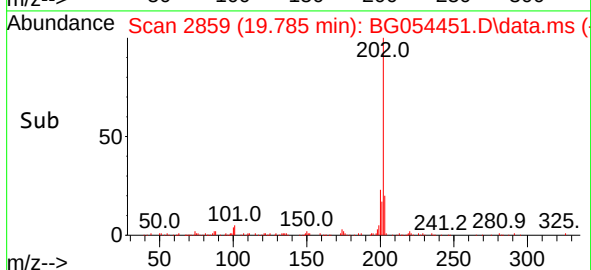
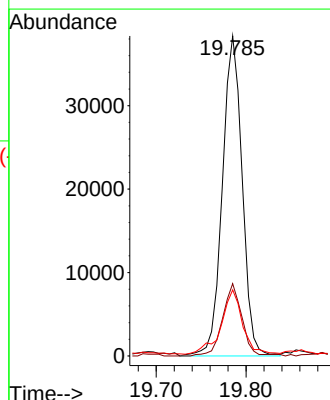
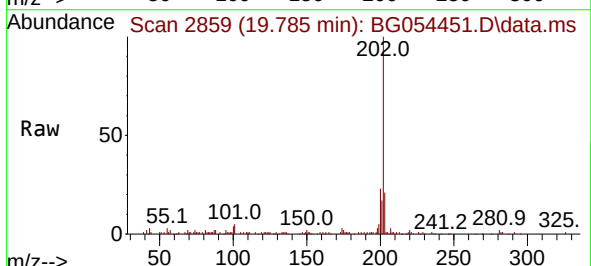
Tgt Ion:202 Resp: 58838

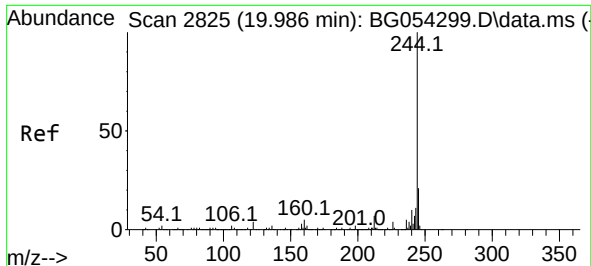
Ion Ratio Lower Upper

202 100

200 22.6 16.6 24.8

203 20.7 14.6 21.8

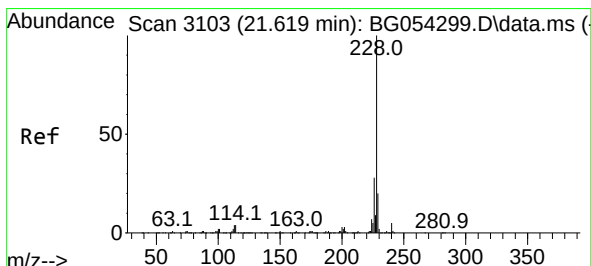
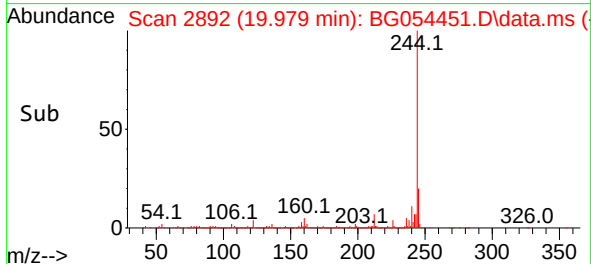
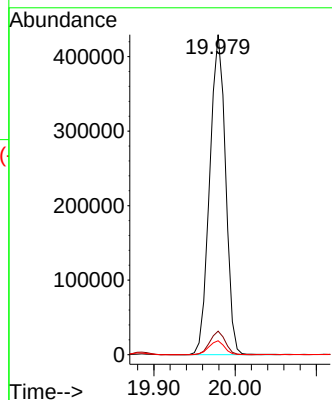
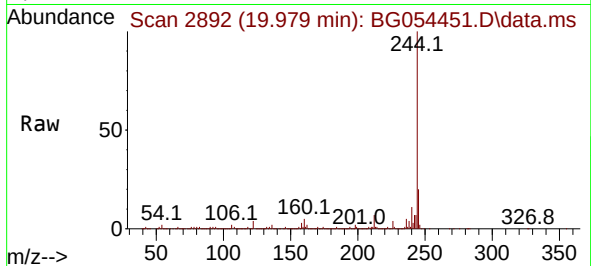




#79
 Terphenyl-d14
 Concen: 79.293 ng
 RT: 19.979 min Scan# 2825
 Delta R.T. -0.001 min
 Lab File: BG054451.D
 Acq: 29 Jul 2022 16:11

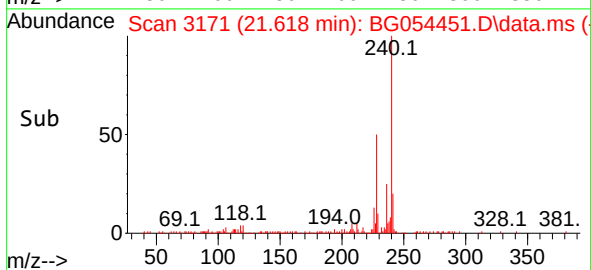
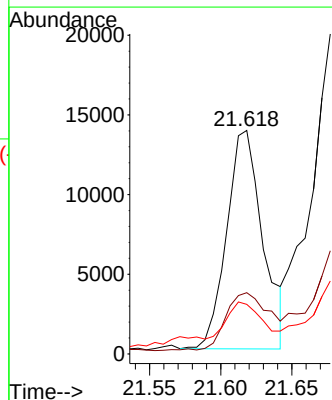
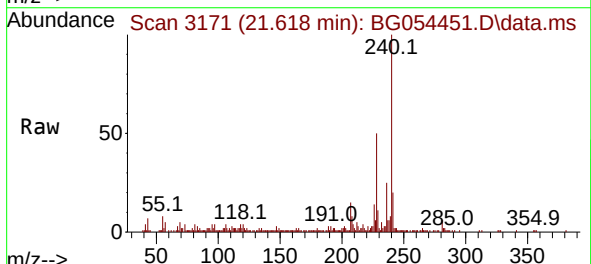
Instrument :
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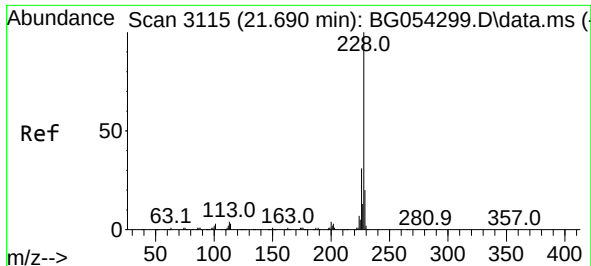
Tgt Ion:244 Resp: 581246
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.4 5.0 7.4#



#81
 Benzo(a)anthracene
 Concen: 2.628 ng
 RT: 21.618 min Scan# 3171
 Delta R.T. 0.005 min
 Lab File: BG054451.D
 Acq: 29 Jul 2022 16:11

Tgt Ion:228 Resp: 24262
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.6 32.4
 229 22.2 16.2 24.2

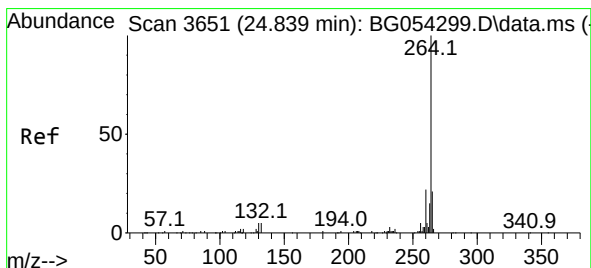
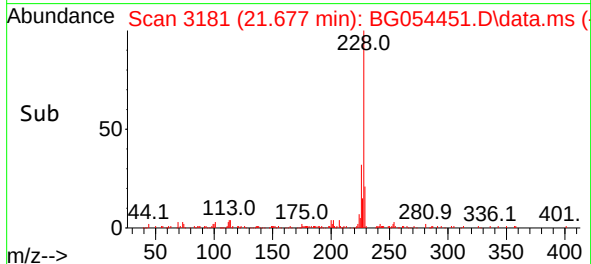
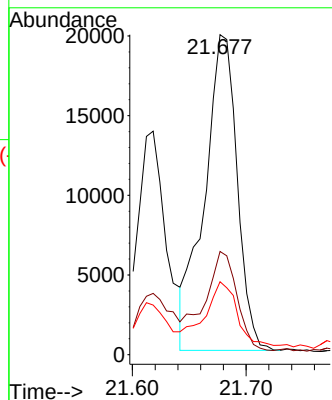
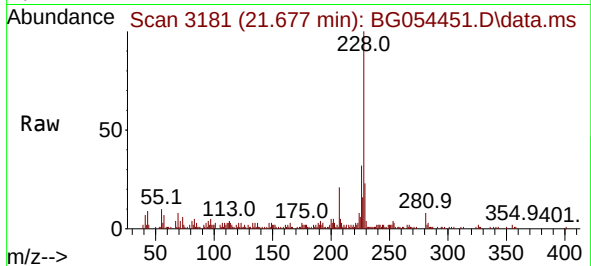




#83
Chrysene
Concen: 4.550 ng
RT: 21.677 min Scan# 3115
Delta R.T. -0.007 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

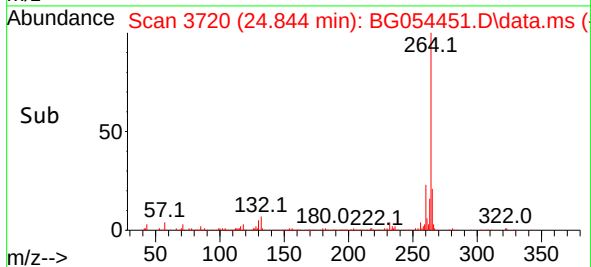
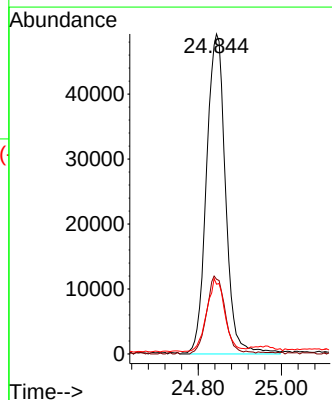
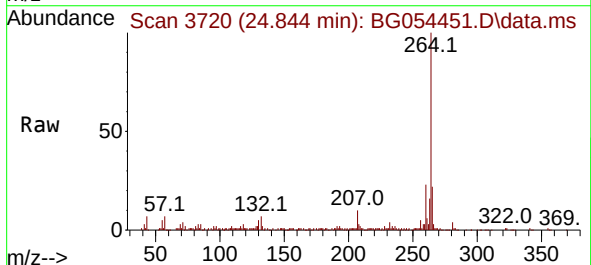
Instrument :
BNA_G
ClientSampleId :
RVE-42

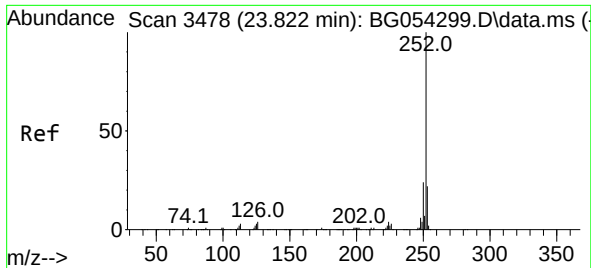
Tgt Ion:228 Resp: 39685
Ion Ratio Lower Upper
228 100
226 32.2 23.4 35.2
229 22.8 15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.844 min Scan# 3720
Delta R.T. 0.011 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

Tgt Ion:264 Resp: 156526
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.8 17.4 26.2

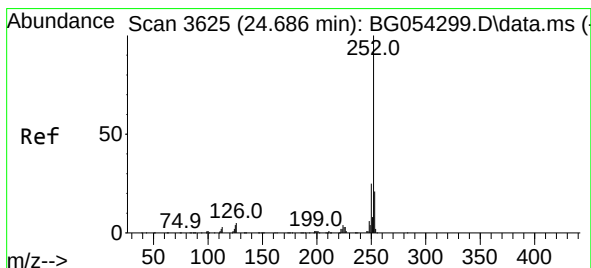
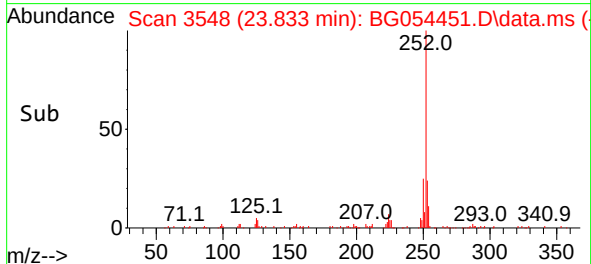
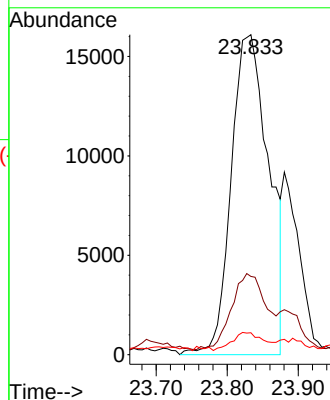
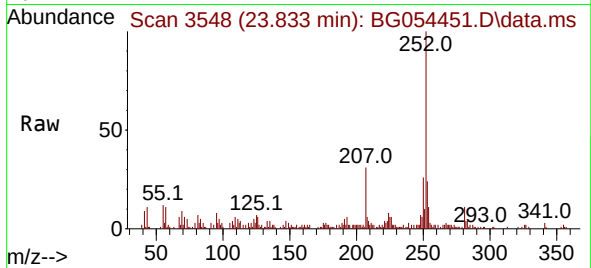




#88
Benzo(b)fluoranthene
Concen: 6.381 ng
RT: 23.833 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

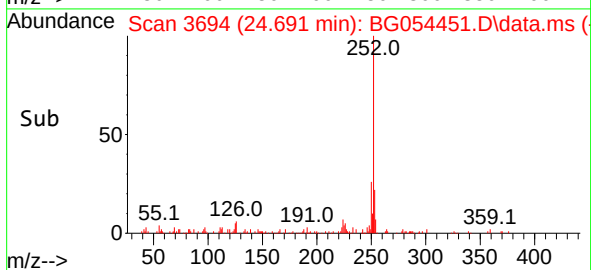
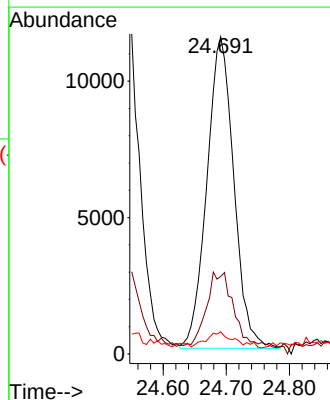
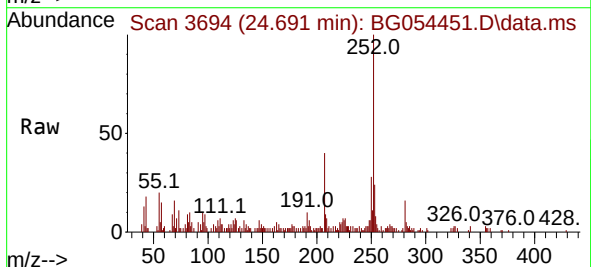
Instrument :
BNA_G
ClientSampleId :
RVE-42

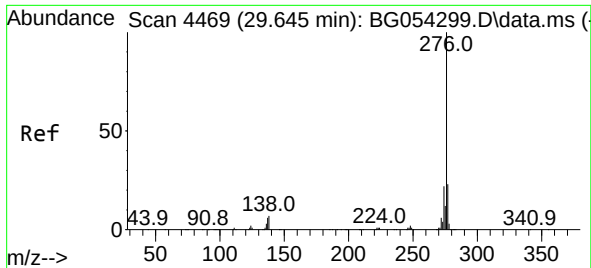
Tgt Ion:252 Resp: 59066
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 6.8 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 4.278 ng
RT: 24.691 min Scan# 3694
Delta R.T. 0.005 min
Lab File: BG054451.D
Acq: 29 Jul 2022 16:11

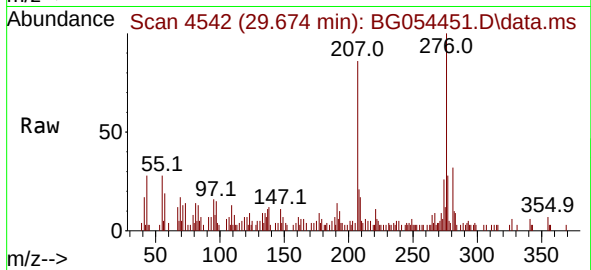
Tgt Ion:252 Resp: 33820
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 7.0 4.3 6.5#





#92
 Benzo(g,h,i)perylene
 Concen: 3.407 ng
 RT: 29.674 min Scan# 4
 Delta R.T. 0.011 min
 Lab File: BG054451.D
 Acq: 29 Jul 2022 16:11

Instrument :
 BNA_G
 ClientSampleId :
 RVE-42



Tgt Ion:	276	Resp:	32928
Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.3	25.9#
138	11.5	9.6	14.4

