

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054470.D
 Acq On : 1 Aug 2022 18:44
 Operator : CG/JU
 Sample : N3896-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-59

Quant Time: Aug 02 05:46:27 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)

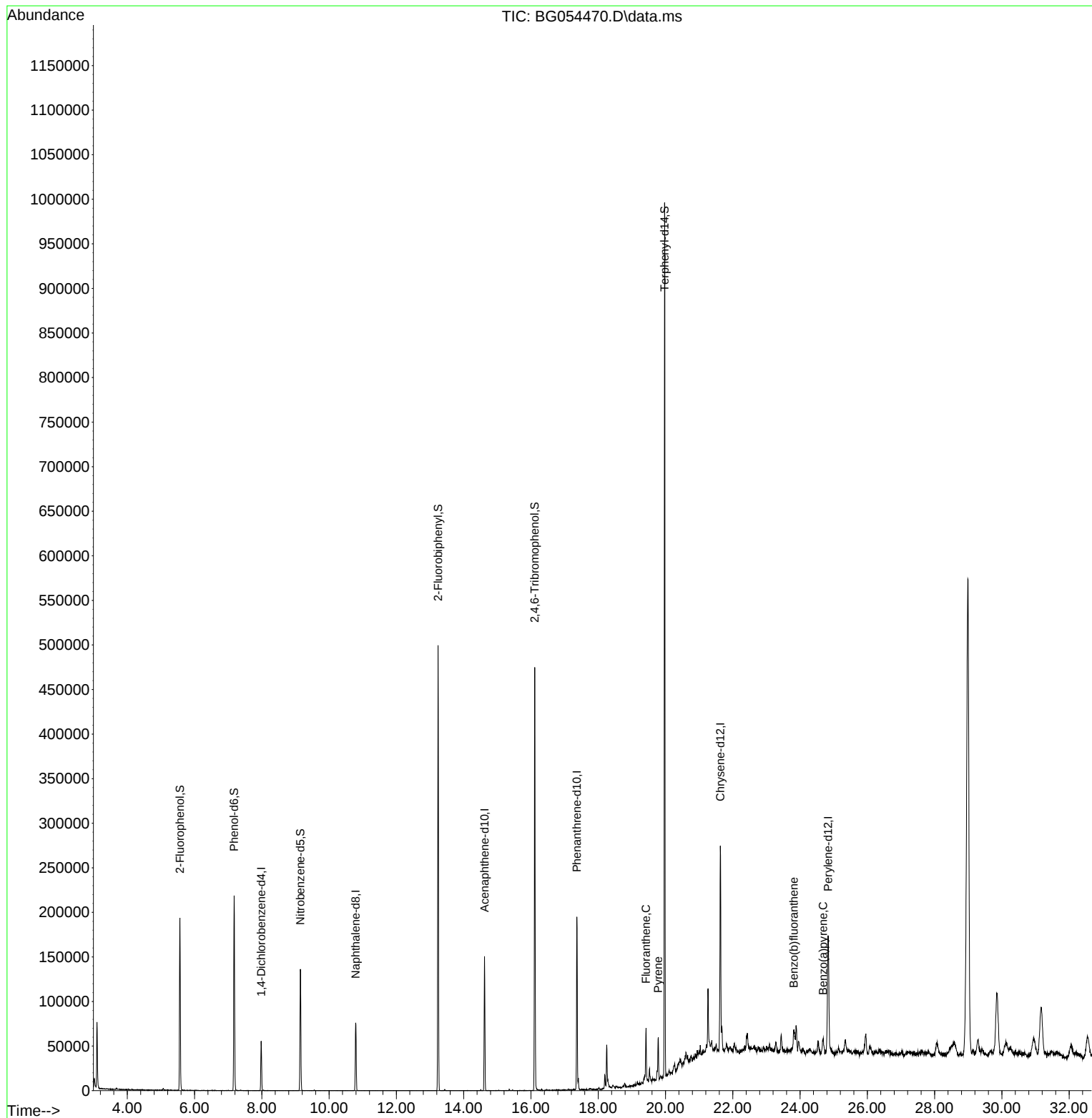
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	17975	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	70879	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	59032	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	139267	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	153454	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	163139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	88955	103.326	ng	0.00
7) Phenol-d6	7.177	99	122890	104.173	ng	0.00
23) Nitrobenzene-d5	9.145	82	84812	65.162	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	123950	100.004	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	279714	66.844	ng	0.00
79) Terphenyl-d14	19.973	244	554918	71.738	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.421	202	38046	4.024	ng	96
78) Pyrene	19.785	202	33766	3.835	ng	99
88) Benzo(b)fluoranthene	23.816	252	29834	3.092	ng	# 97
90) Benzo(a)pyrene	24.686	252	18453	2.240	ng	# 87

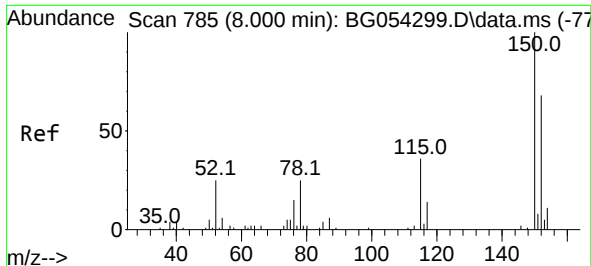
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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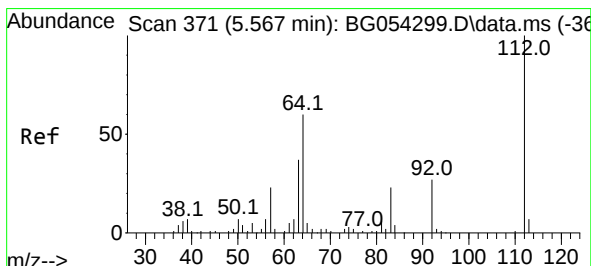
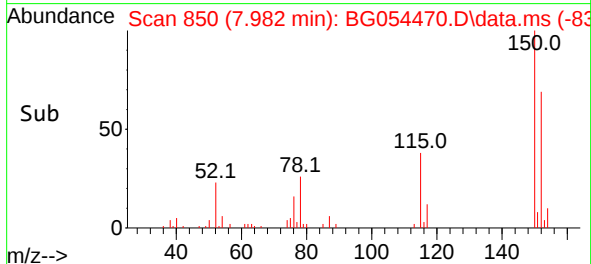
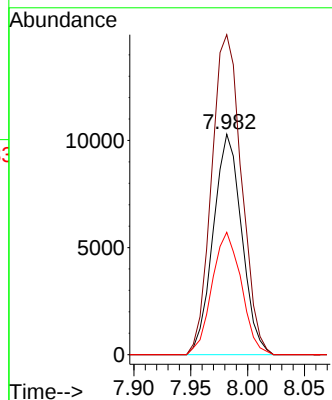
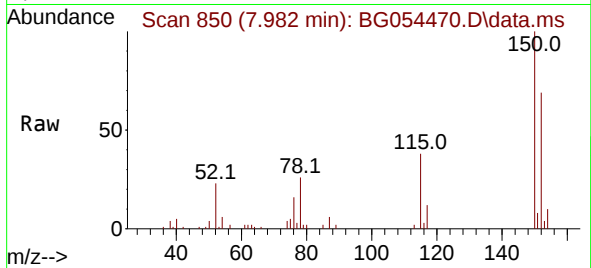




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

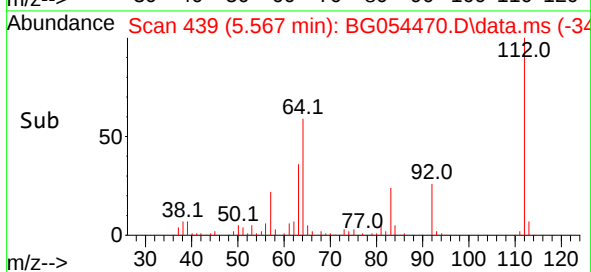
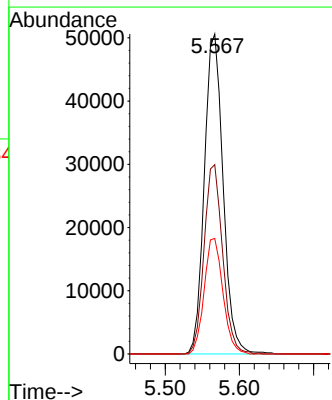
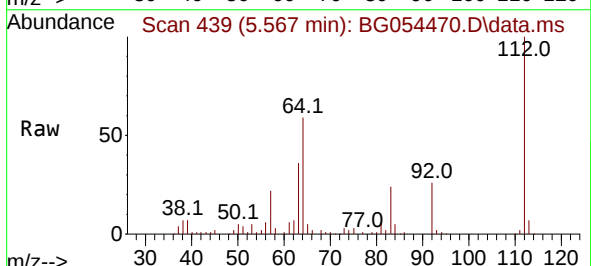
Instrument :
BNA_G
ClientSampleId :
RVE-59

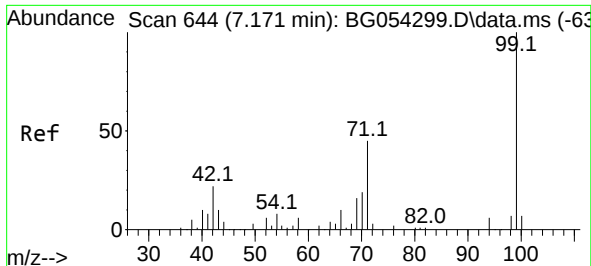
Tgt Ion:152 Resp: 17975
Ion Ratio Lower Upper
152 100
150 145.2 131.6 197.4
115 55.6 50.9 76.3



#5
2-Fluorophenol
Concen: 103.326 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

Tgt Ion:112 Resp: 88955
Ion Ratio Lower Upper
112 100
64 59.2 55.1 82.7
63 36.1 30.4 45.6

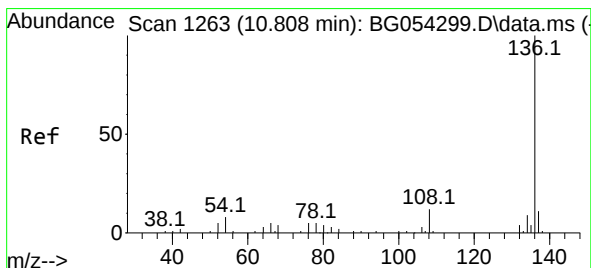
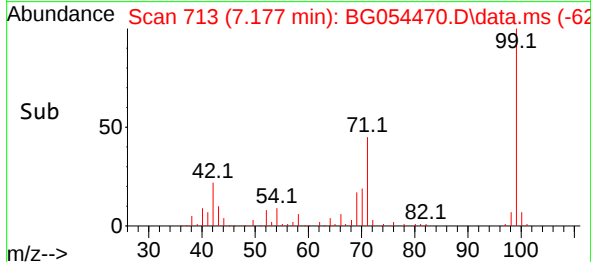
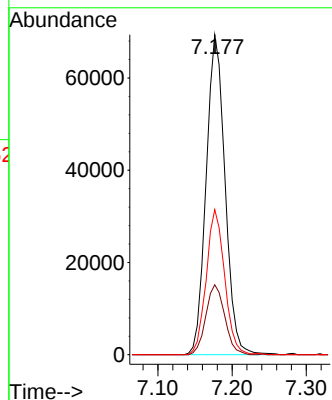
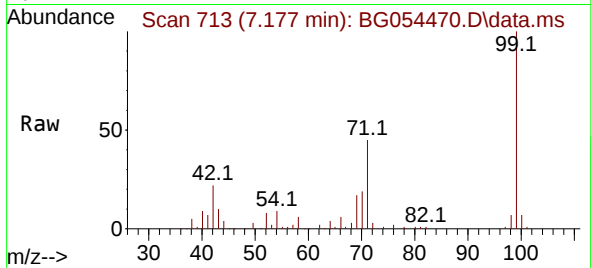




#7
Phenol-d6
Concen: 104.173 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

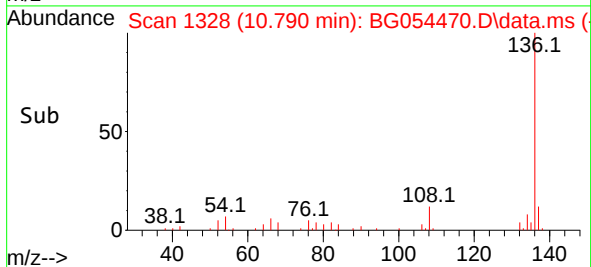
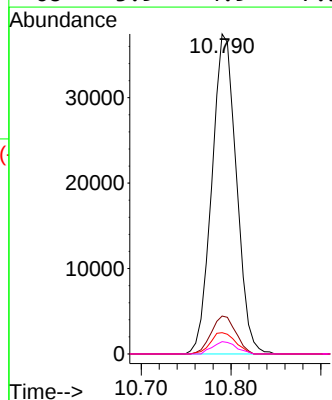
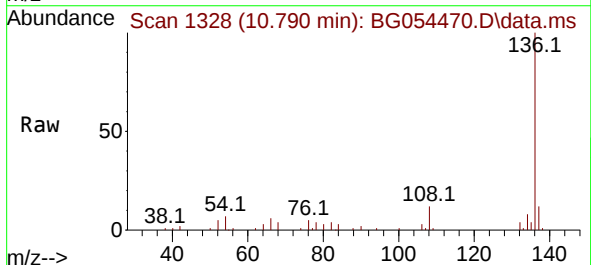
Instrument :
BNA_G
ClientSampleId :
RVE-59

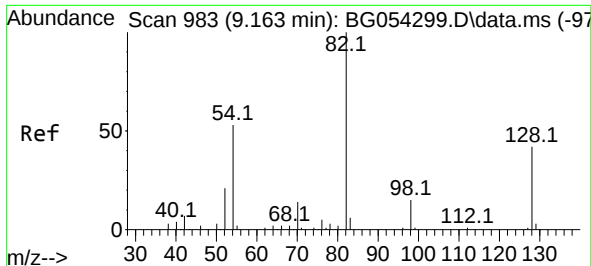
Tgt Ion: 99 Resp: 122890
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 45.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

Tgt Ion: 136 Resp: 70879
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 6.7 7.4 11.2#
68 3.9 4.9 7.3#

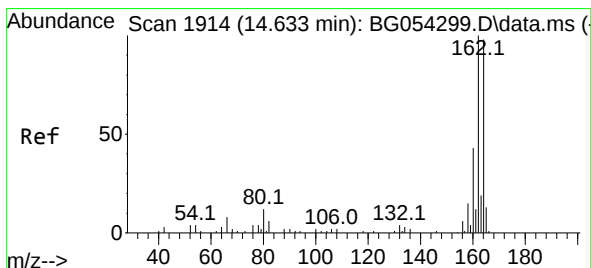
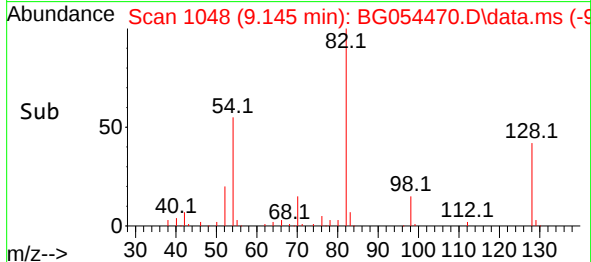
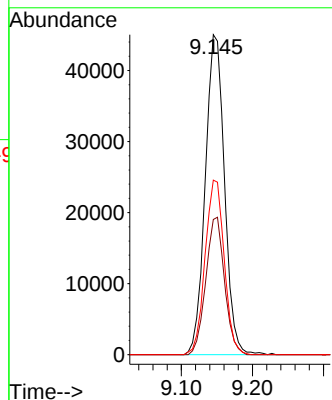
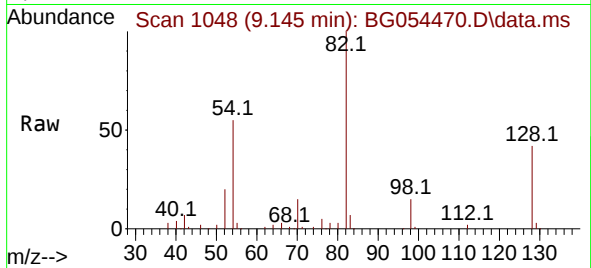




#23
Nitrobenzene-d5
Concen: 65.162 ng
RT: 9.145 min Scan# 10
Delta R.T. -0.007 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

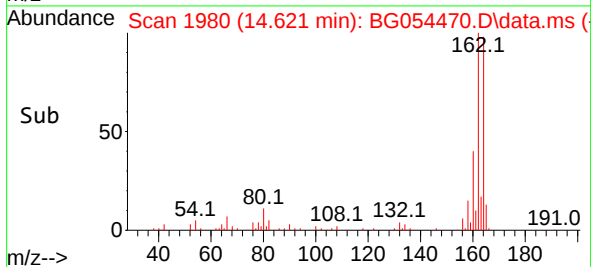
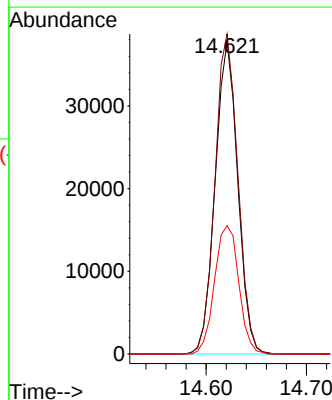
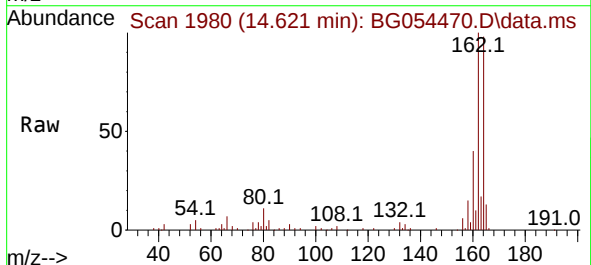
Instrument :
BNA_G
ClientSampleId :
RVE-59

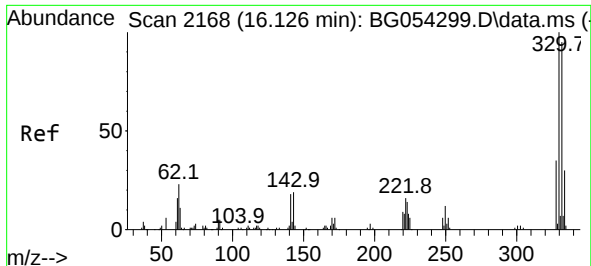
Tgt Ion: 82 Resp: 84812
Ion Ratio Lower Upper
82 100
128 42.3 27.9 41.9#
54 54.5 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

Tgt Ion:164 Resp: 59032
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 41.1 34.2 51.2

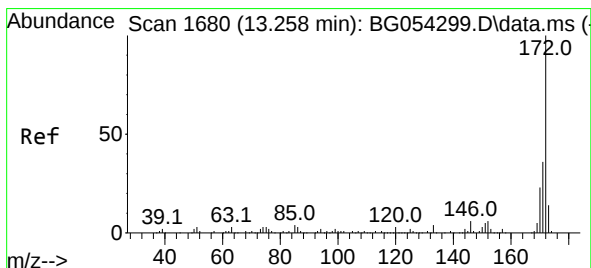
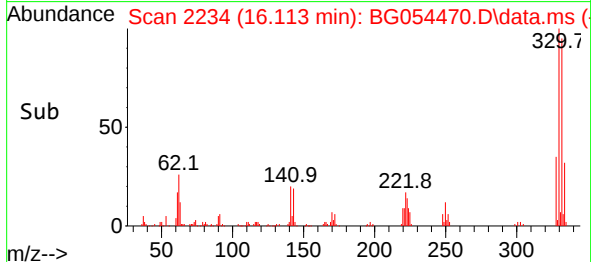
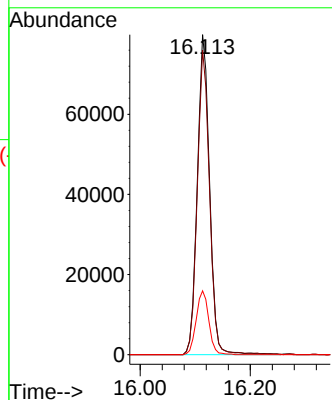
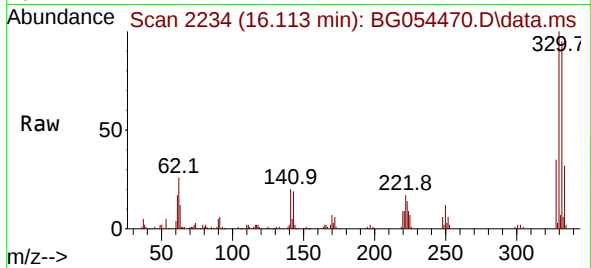




#42
2,4,6-Tribromophenol
Concen: 100.004 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

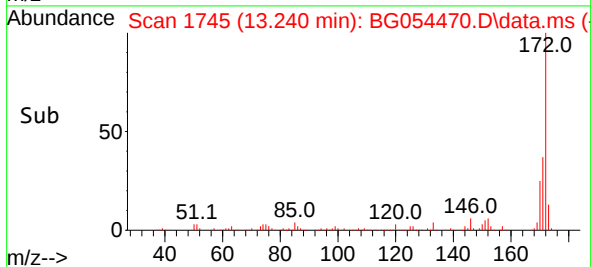
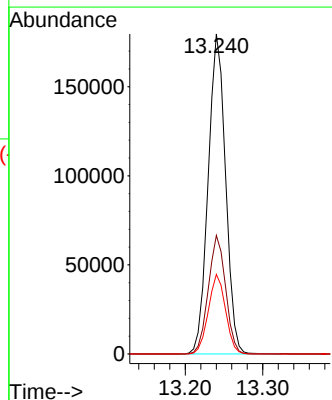
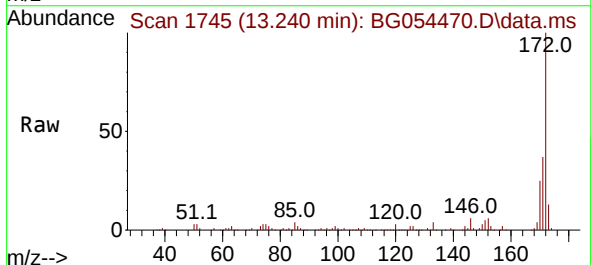
Instrument :
BNA_G
ClientSampleId :
RVE-59

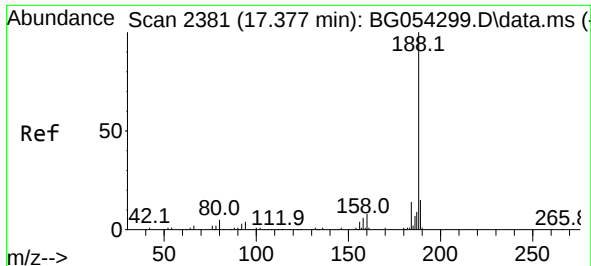
Tgt Ion:330 Resp: 123950
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 20.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 66.844 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

Tgt Ion:172 Resp: 279714
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.8 18.9 28.3

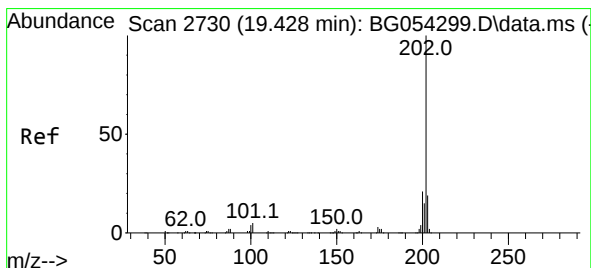
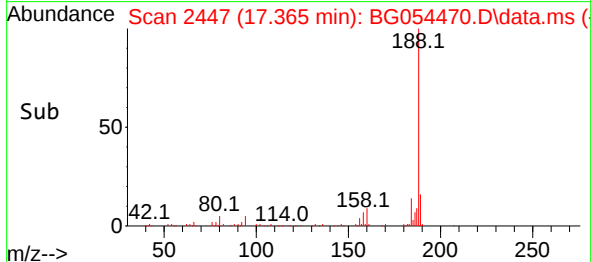
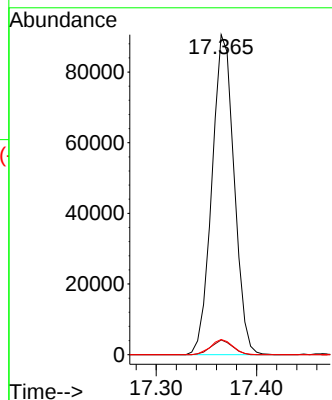
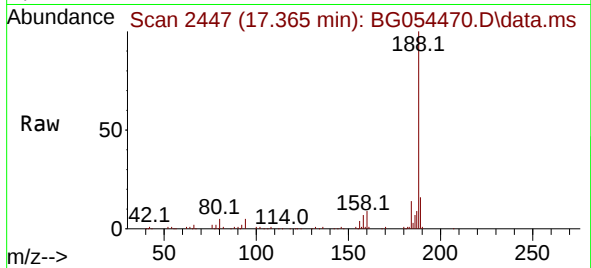




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

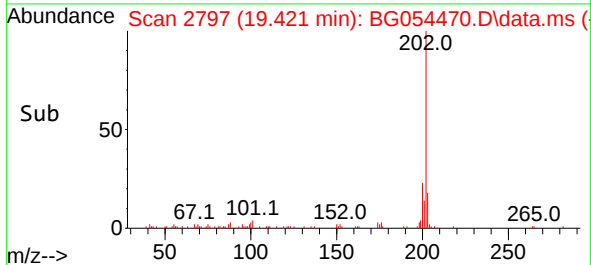
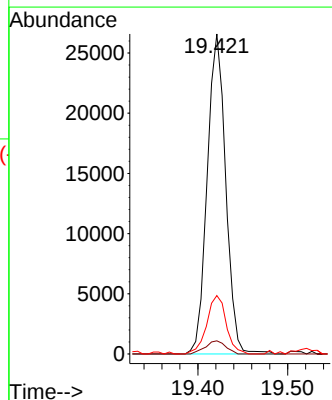
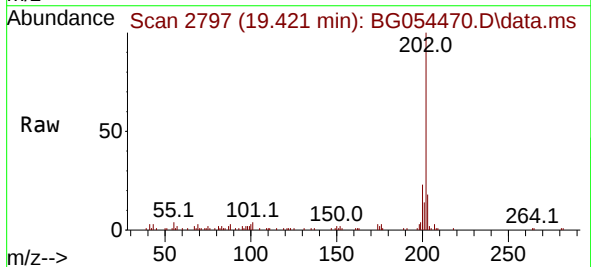
Instrument :
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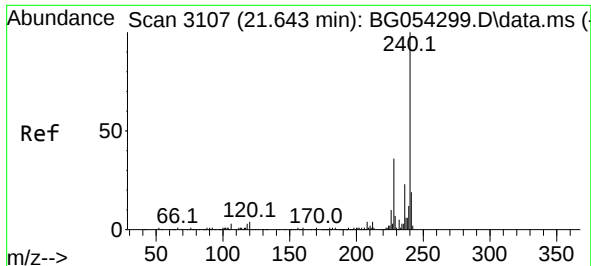
Tgt Ion:188 Resp: 139267
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 4.7 6.8 10.2#



#75
Fluoranthene
Concen: 4.024 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

Tgt Ion:202 Resp: 38046
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.9
203 18.3 0.0 37.2

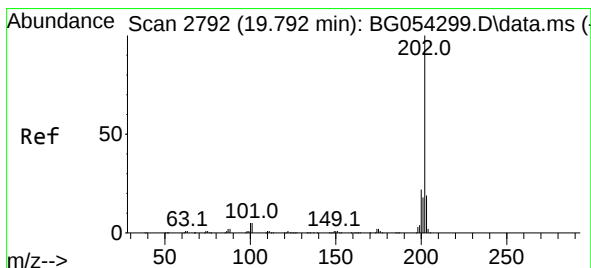
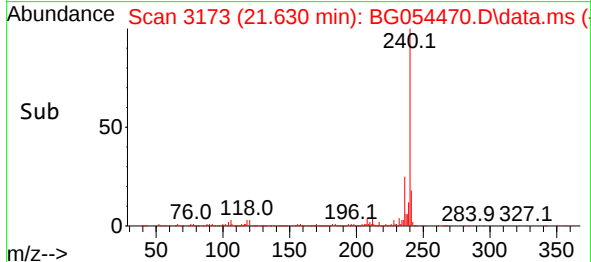
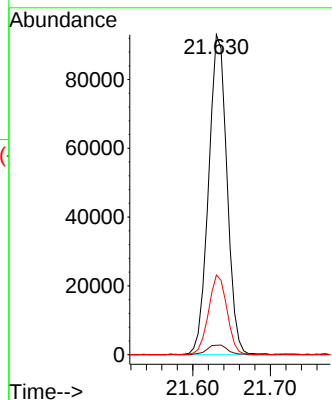
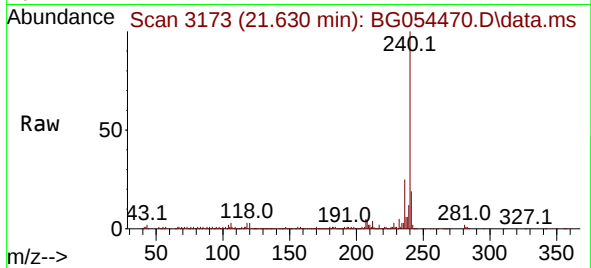




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

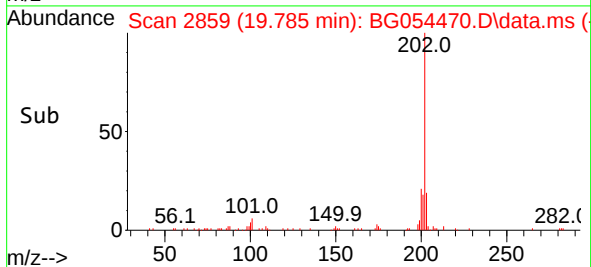
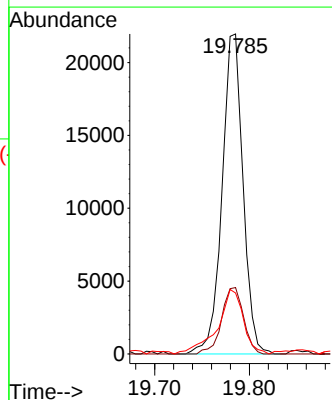
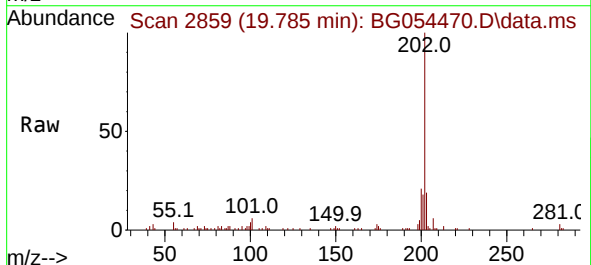
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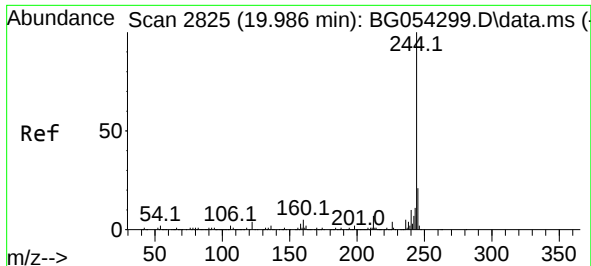
Tgt Ion:240 Resp: 153454
Ion Ratio Lower Upper
240 100
120 3.0 4.6 7.0#
236 24.9 20.2 30.4



#78
Pyrene
Concen: 3.835 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054470.D
Acq: 1 Aug 2022 18:44

Tgt Ion:202 Resp: 33766
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 19.1 14.6 21.8

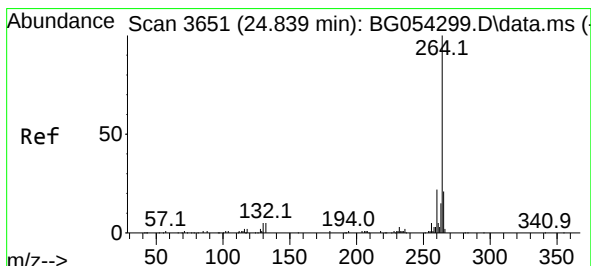
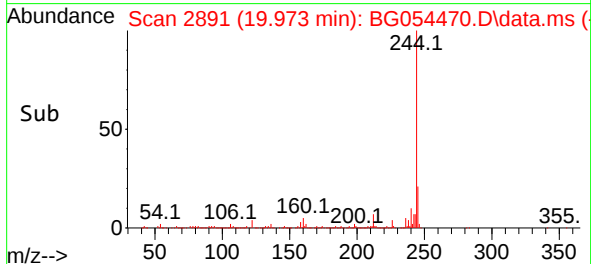
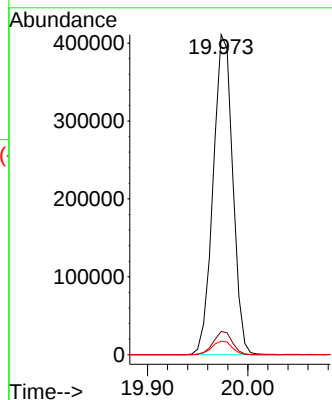
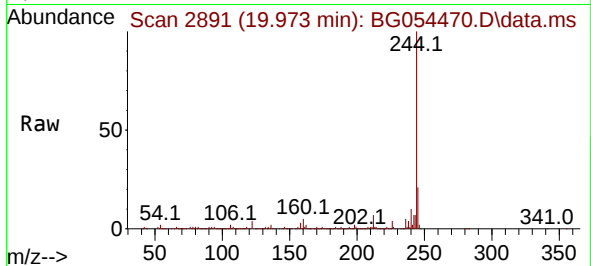




#79
 Terphenyl-d14
 Concen: 71.738 ng
 RT: 19.973 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054470.D
 Acq: 1 Aug 2022 18:44

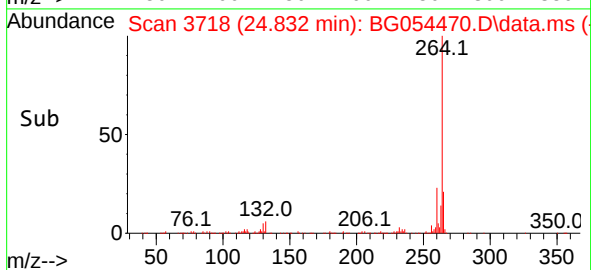
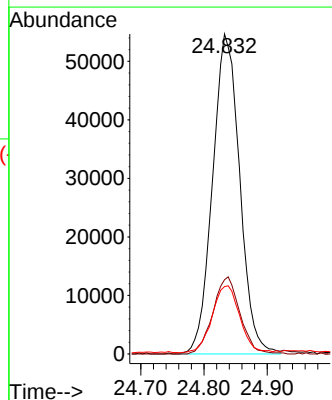
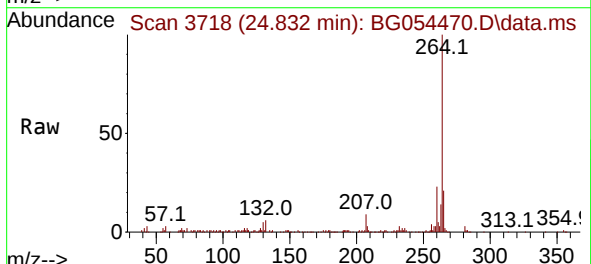
Instrument :
 BNA_G
 ClientSampleId :
 RVE-59

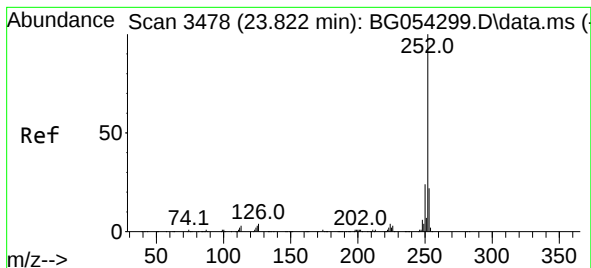
Tgt Ion:244 Resp: 554918
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.2 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.832 min Scan# 3718
 Delta R.T. -0.001 min
 Lab File: BG054470.D
 Acq: 1 Aug 2022 18:44

Tgt Ion:264 Resp: 163139
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.0 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.092 ng

RT: 23.816 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054470.D

Acq: 1 Aug 2022 18:44

Instrument :

BNA_G

ClientSampleId :

RVE-59

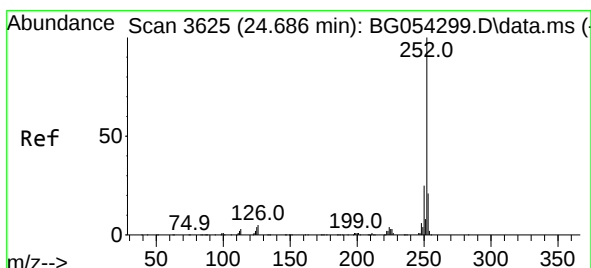
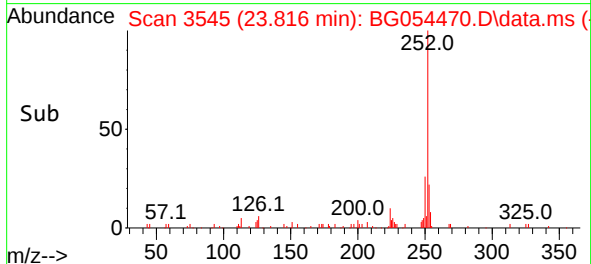
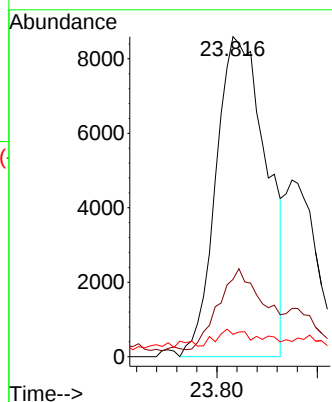
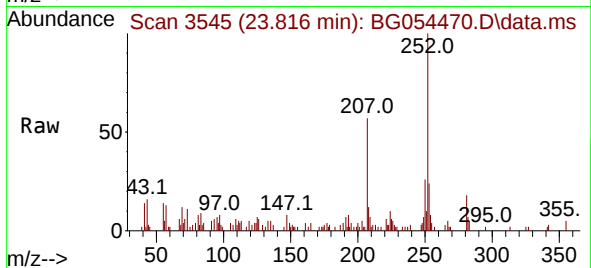
Tgt Ion:252 Resp: 29834

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

125 7.0 4.6 6.8#



#90

Benzo(a)pyrene

Concen: 2.240 ng

RT: 24.686 min Scan# 3693

Delta R.T. -0.001 min

Lab File: BG054470.D

Acq: 1 Aug 2022 18:44

Tgt Ion:252 Resp: 18453

Ion Ratio Lower Upper

252 100

253 28.1 17.8 26.8#

125 10.1 4.3 6.5#

