

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054536.D
 Acq On : 5 Aug 2022 15:26
 Operator : CG/JU
 Sample : N3960-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-155

Quant Time: Aug 06 05:39:45 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)

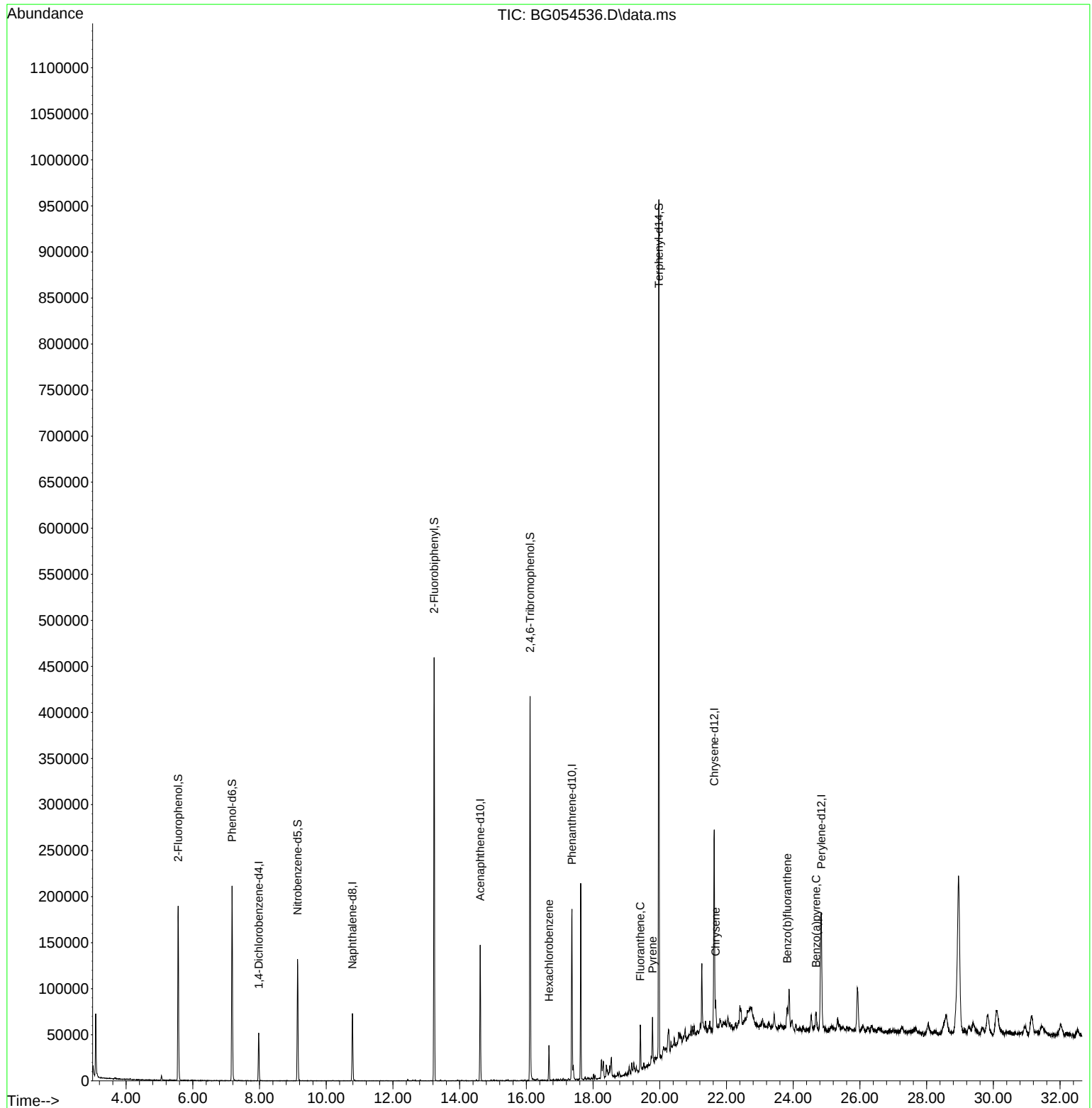
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	16166	20.000	ng	-0.01
21) Naphthalene-d8	10.785	136	68345	20.000	ng	#-0.01
39) Acenaphthene-d10	14.616	164	55771	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	137178	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	145314	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	156956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	86191	111.318	ng	0.00
7) Phenol-d6	7.177	99	122898	115.838	ng	0.00
23) Nitrobenzene-d5	9.140	82	82458	65.702	ng	-0.01
42) 2,4,6-Tribromophenol	16.114	330	114527	97.804	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	264823	66.985	ng	-0.01
79) Terphenyl-d14	19.974	244	528586	72.162	ng	0.00
Target Compounds						
						Qvalue
68) Hexachlorobenzene	16.678	284	10355	4.700	ng	# 93
75) Fluoranthene	19.416	202	33236	3.569	ng	97
78) Pyrene	19.780	202	36639	4.394	ng	96
83) Chrysene	21.678	228	22535	2.586	ng	97
88) Benzo(b)fluoranthene	23.822	252	32255	3.475	ng	# 95
90) Benzo(a)pyrene	24.686	252	21655	2.732	ng	# 90

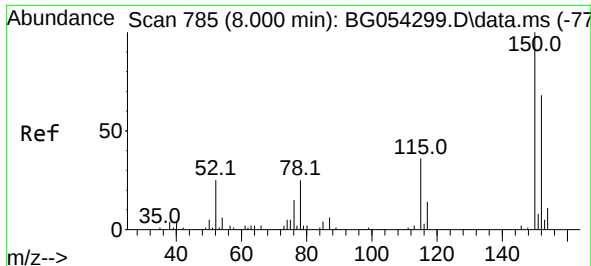
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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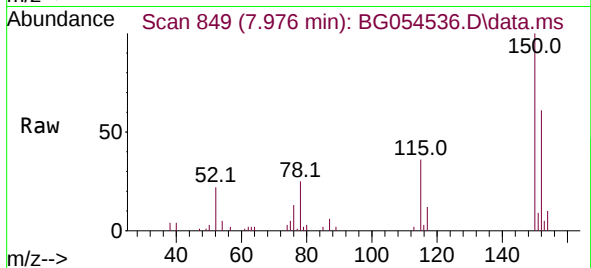
Quant Time: Aug 06 05:39:45 2022
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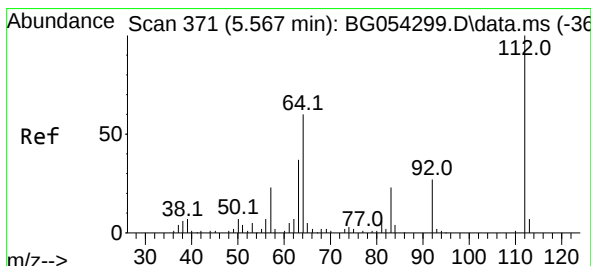
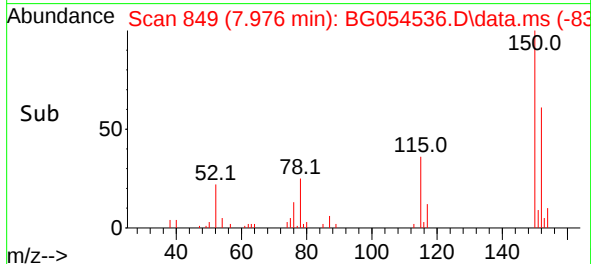
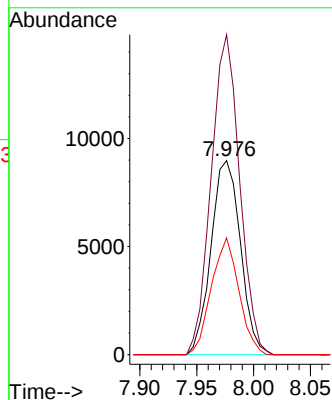


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.976 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BG054536.D
 Acq: 5 Aug 2022 15:26

Instrument :
 BNA_G
 ClientSampleId :
 RVE-155

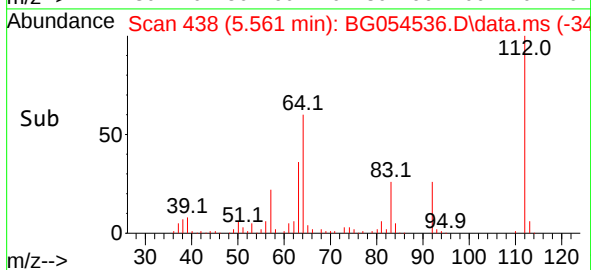
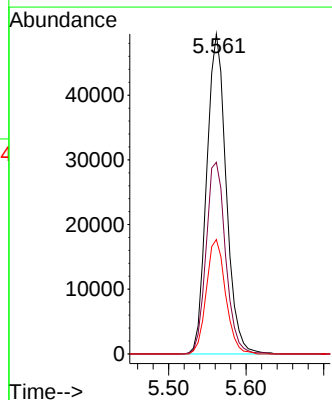
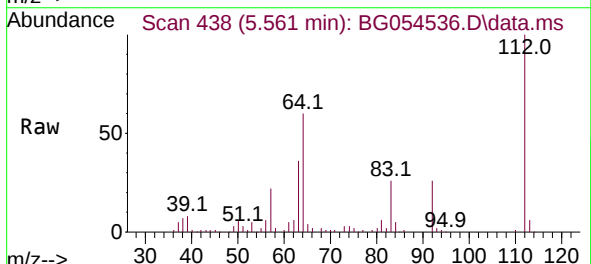


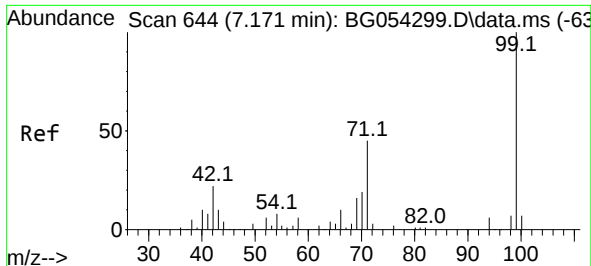
Tgt Ion:152 Resp: 16166
 Ion Ratio Lower Upper
 152 100
 150 164.9 131.6 197.4
 115 60.1 50.9 76.3



#5
 2-Fluorophenol
 Concen: 111.318 ng
 RT: 5.561 min Scan# 438
 Delta R.T. -0.000 min
 Lab File: BG054536.D
 Acq: 5 Aug 2022 15:26

Tgt Ion:112 Resp: 86191
 Ion Ratio Lower Upper
 112 100
 64 59.9 55.1 82.7
 63 35.7 30.4 45.6

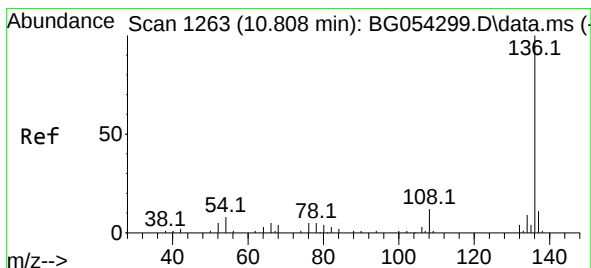
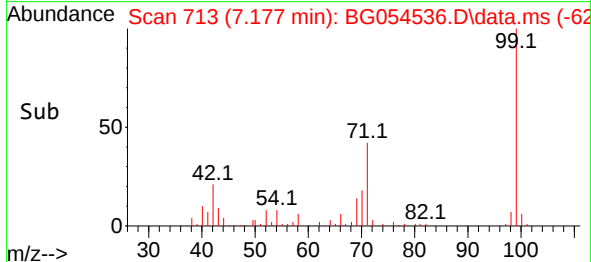
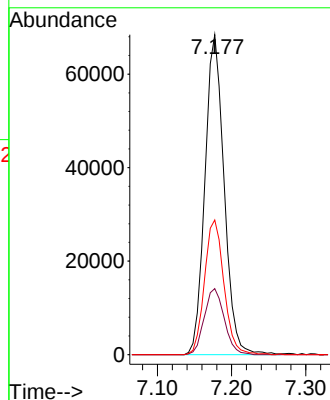
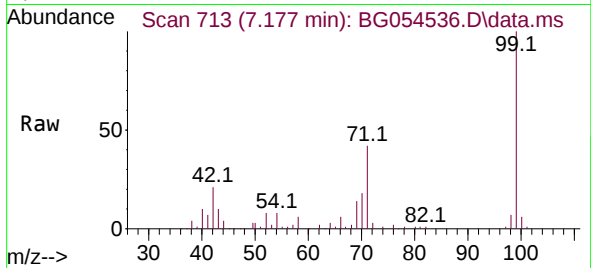




#7
Phenol-d6
Concen: 115.838 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

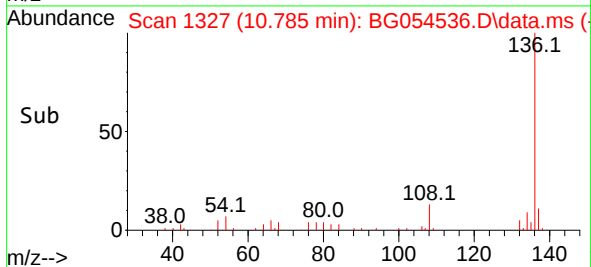
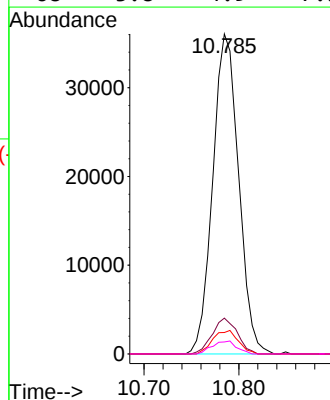
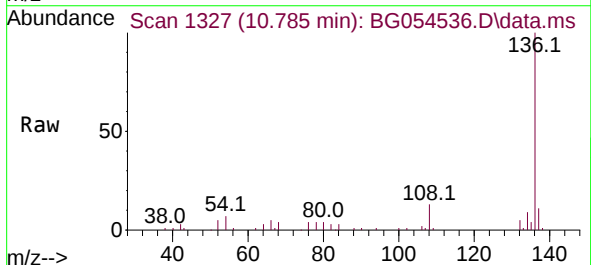
Instrument :
BNA_G
ClientSampleId :
RVE-155

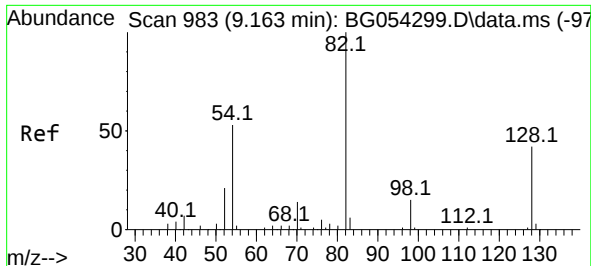
Tgt Ion: 99 Resp: 122898
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 42.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

Tgt Ion:136 Resp: 68345
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.7 7.4 11.2#
68 3.8 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 65.702 ng

RT: 9.140 min Scan# 10

Delta R.T. -0.012 min

Lab File: BG054536.D

Acq: 5 Aug 2022 15:26

Instrument :

BNA_G

ClientSampleId :

RVE-155

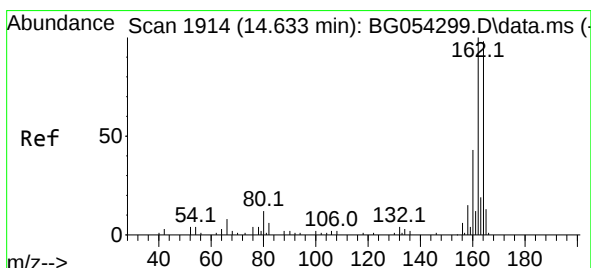
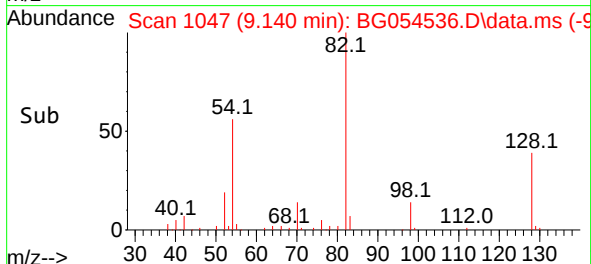
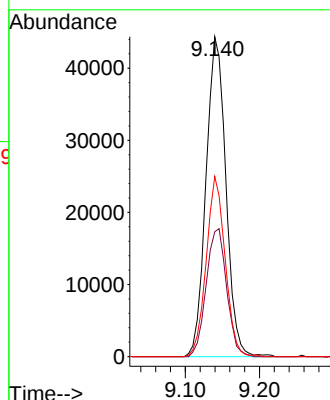
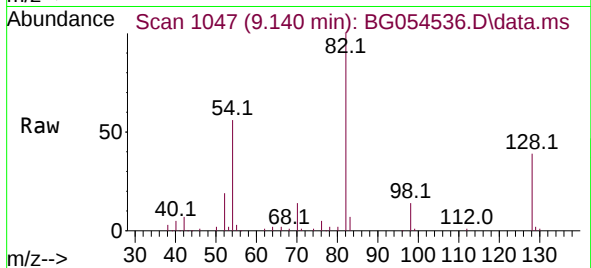
Tgt Ion: 82 Resp: 82458

Ion Ratio Lower Upper

82 100

128 39.0 27.9 41.9

54 56.3 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BG054536.D

Acq: 5 Aug 2022 15:26

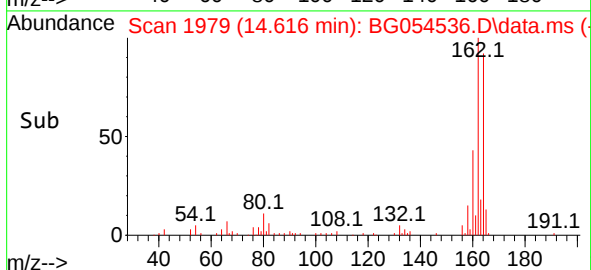
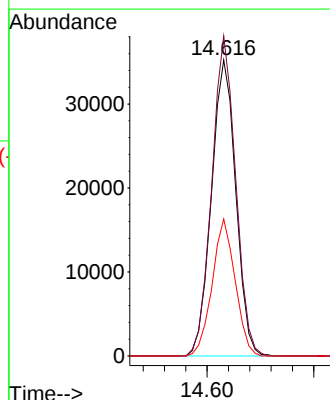
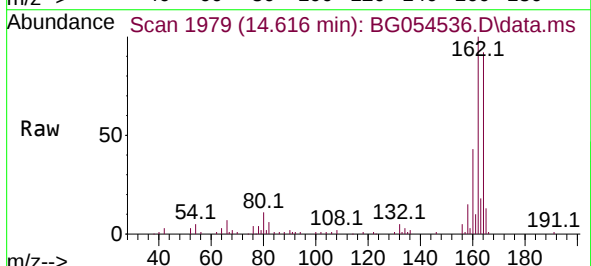
Tgt Ion:164 Resp: 55771

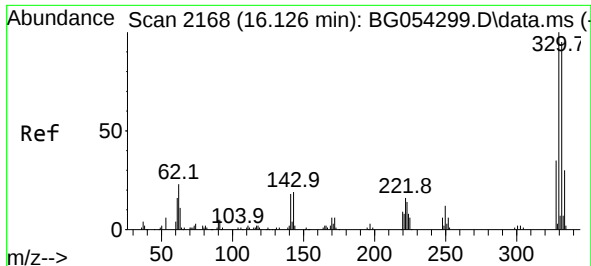
Ion Ratio Lower Upper

164 100

162 108.1 82.3 123.5

160 46.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 97.804 ng

RT: 16.114 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054536.D

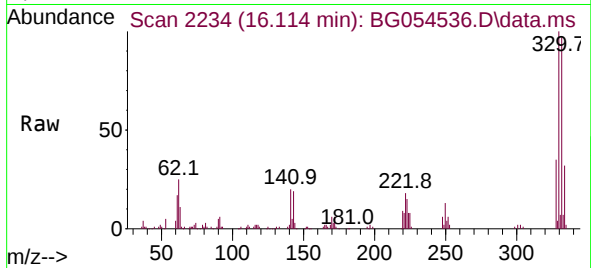
Acq: 5 Aug 2022 15:26

Instrument :

BNA_G

ClientSampleId :

RVE-155



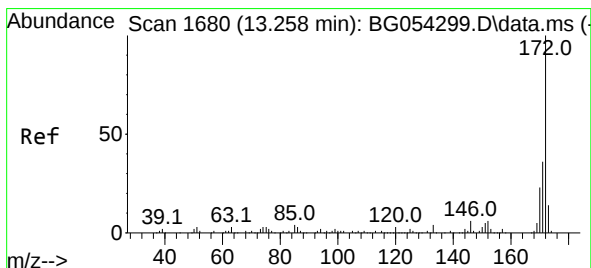
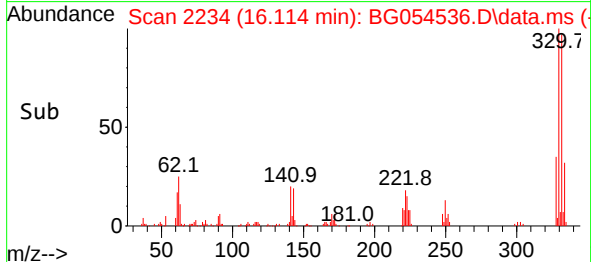
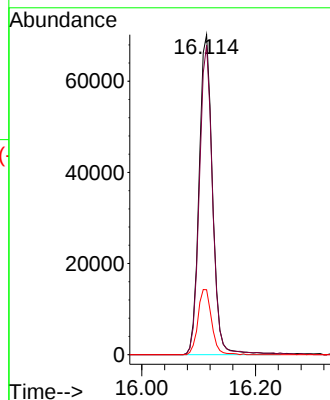
Tgt Ion:330 Resp: 114527

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 20.7 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 66.985 ng

RT: 13.235 min Scan# 1744

Delta R.T. -0.012 min

Lab File: BG054536.D

Acq: 5 Aug 2022 15:26

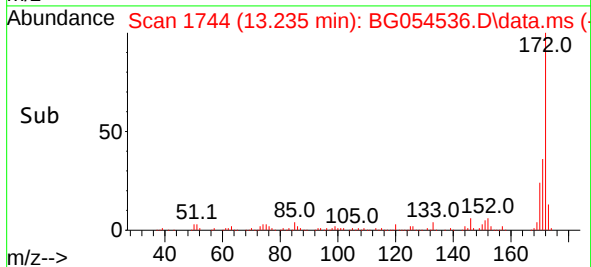
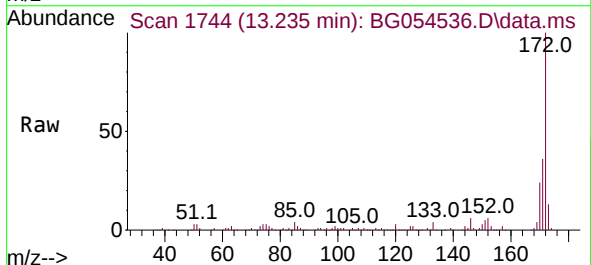
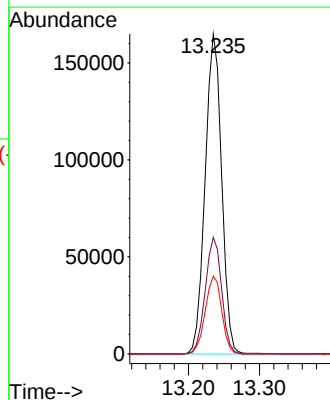
Tgt Ion:172 Resp: 264823

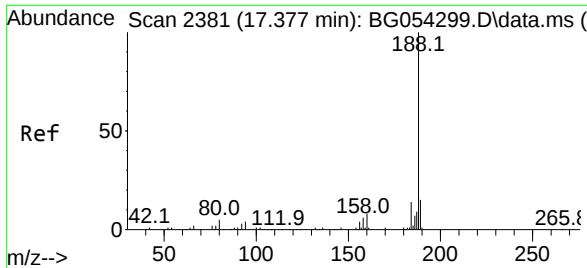
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.3 18.9 28.3

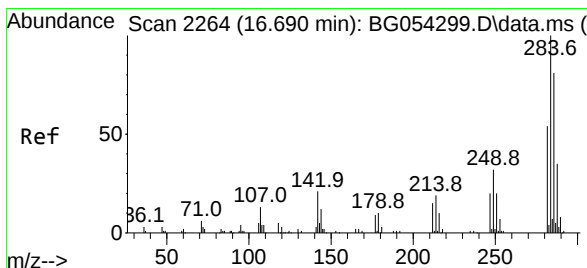
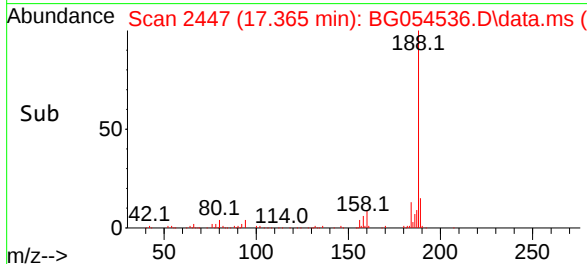
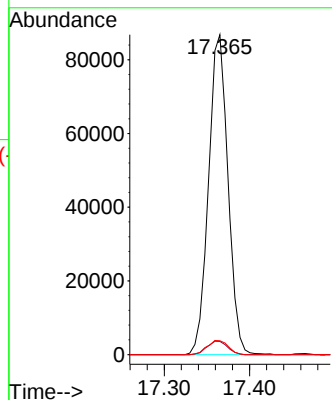
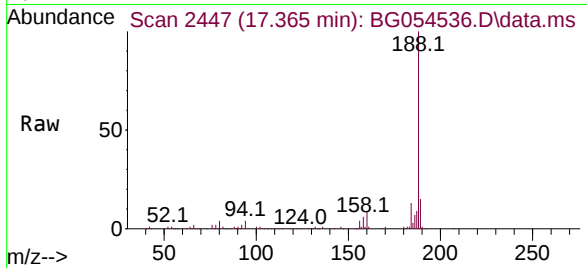




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

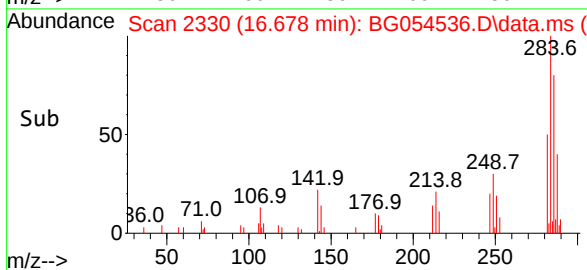
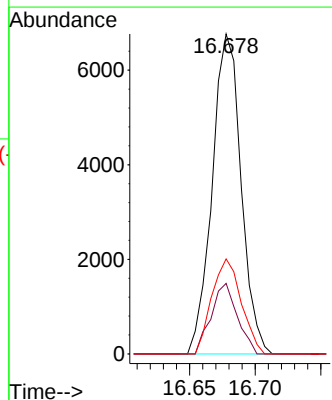
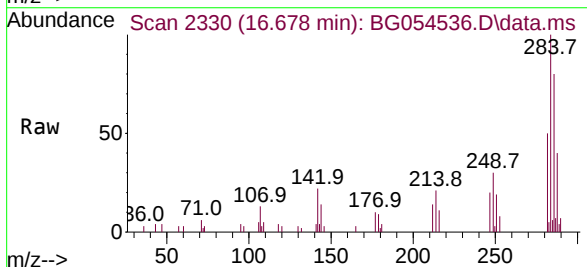
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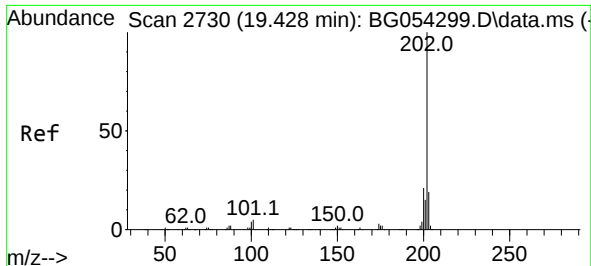
Tgt Ion:188 Resp: 137178
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.3 6.8 10.2#



#68
Hexachlorobenzene
Concen: 4.700 ng
RT: 16.678 min Scan# 2330
Delta R.T. -0.006 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

Tgt Ion:284 Resp: 10355
Ion Ratio Lower Upper
284 100
142 22.0 23.6 35.4#
249 32.8 25.8 38.6

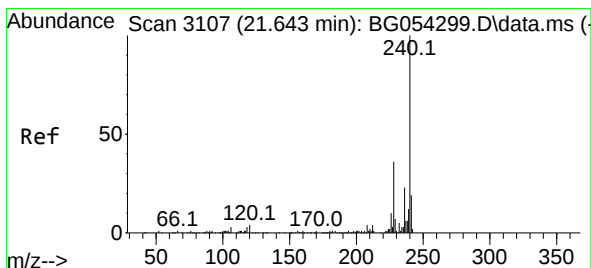
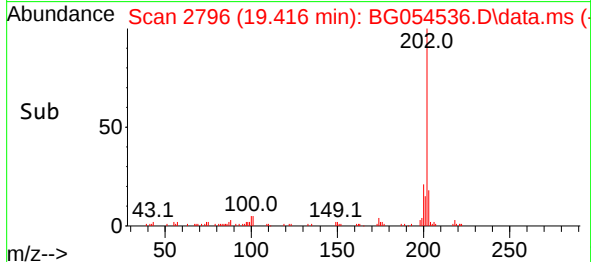
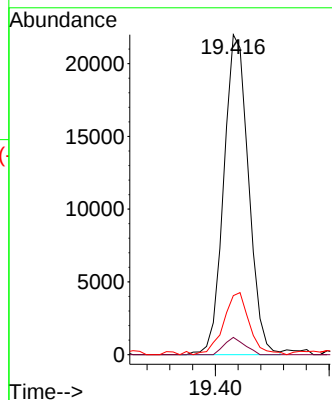
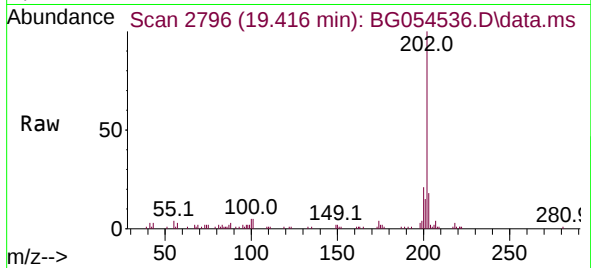




#75
Fluoranthene
Concen: 3.569 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

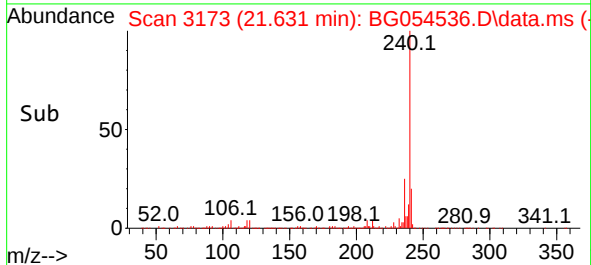
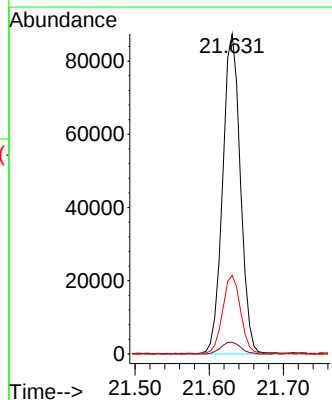
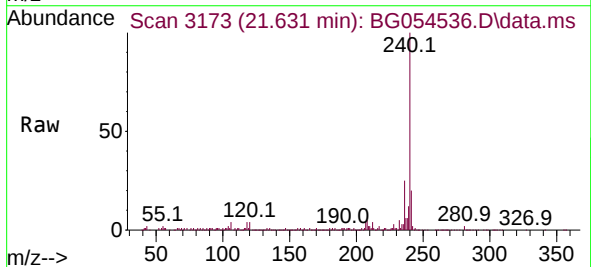
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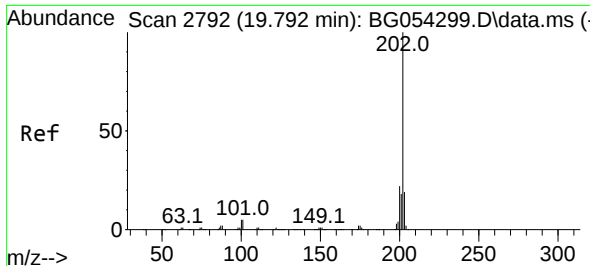
Tgt Ion:202 Resp: 33236
Ion Ratio Lower Upper
202 100
101 5.4 0.0 26.9
203 18.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

Tgt Ion:240 Resp: 145314
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.5 20.2 30.4

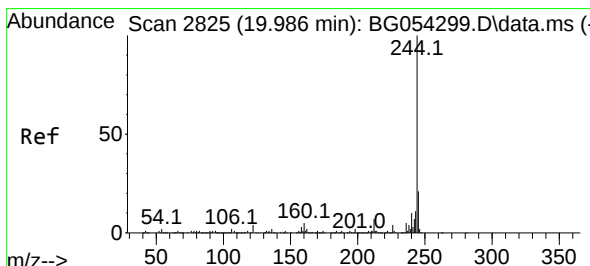
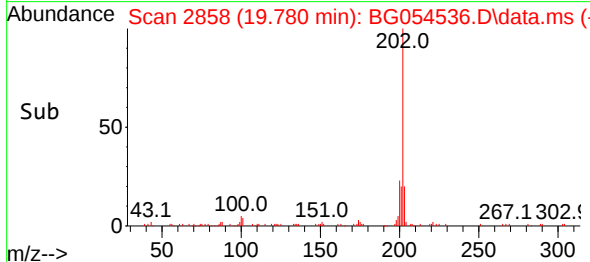
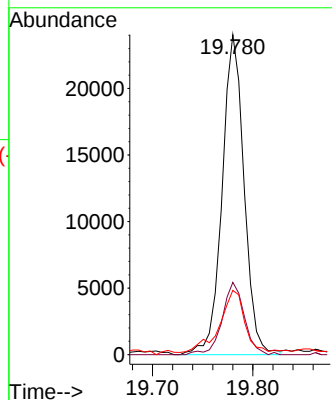
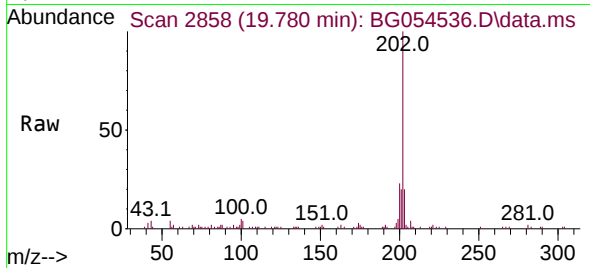




#78
 Pyrene
 Concen: 4.394 ng
 RT: 19.780 min Scan# 2858
 Delta R.T. -0.006 min
 Lab File: BG054536.D
 Acq: 5 Aug 2022 15:26

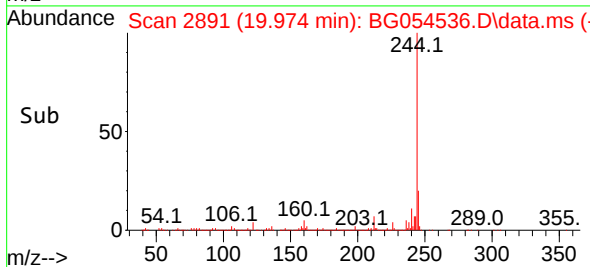
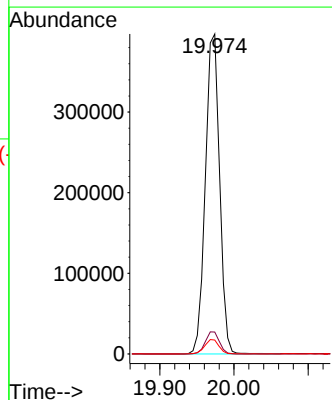
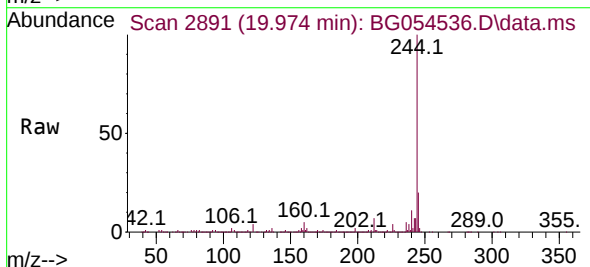
Instrument :
 BNA_G
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 RVE-155

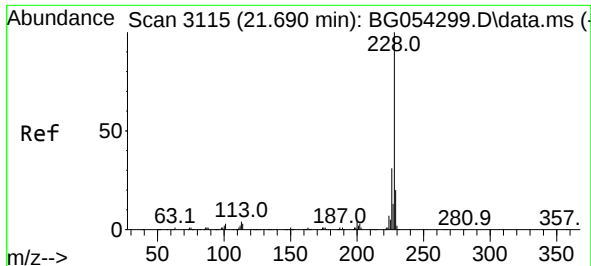
Tgt Ion:	202	Resp:	36639
Ion Ratio	Lower	Upper	
202	100		
200	22.6	16.6	24.8
203	20.1	14.6	21.8



#79
 Terphenyl-d14
 Concen: 72.162 ng
 RT: 19.974 min Scan# 2891
 Delta R.T. -0.006 min
 Lab File: BG054536.D
 Acq: 5 Aug 2022 15:26

Tgt Ion:	244	Resp:	528586
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.5	9.7
122	4.3	5.0	7.4

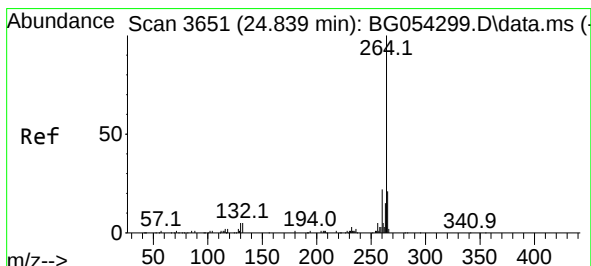
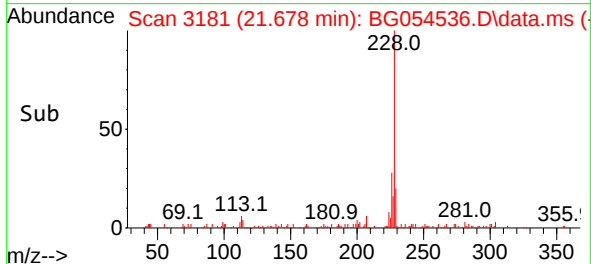
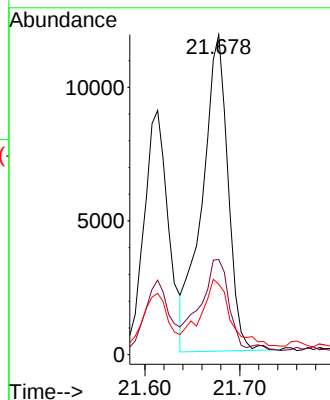
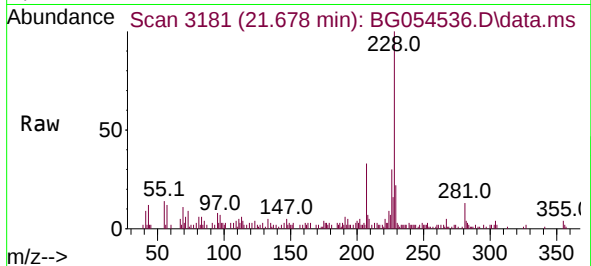




#83
Chrysene
Concen: 2.586 ng
RT: 21.678 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

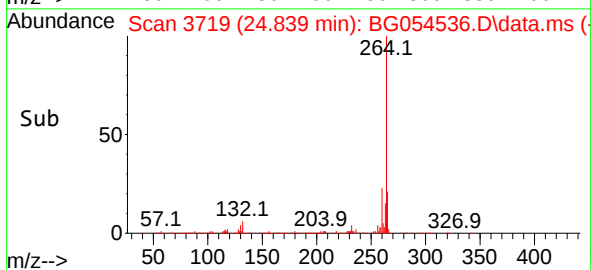
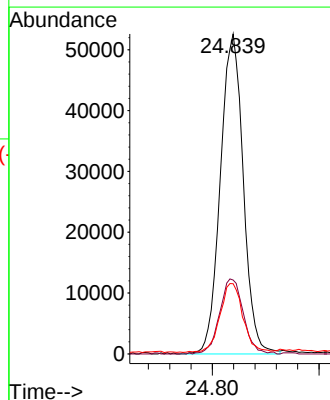
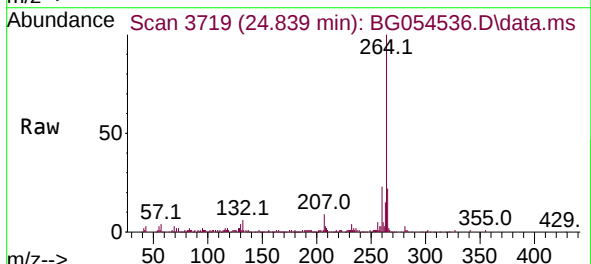
Instrument :
BNA_G
ClientSampleId :
RVE-155

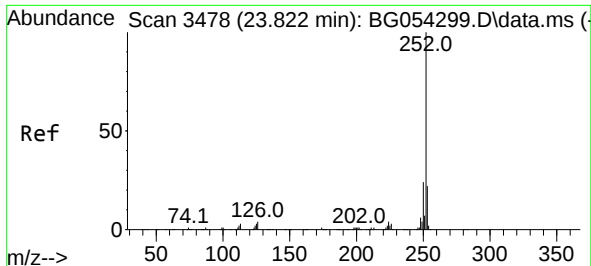
Tgt Ion:228	Resp:	22535
Ion Ratio	Lower	Upper
228	100	
226	29.7	23.4 35.2
229	22.0	15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

Tgt Ion:264	Resp:	156956
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.0 28.6
265	22.0	17.4 26.2

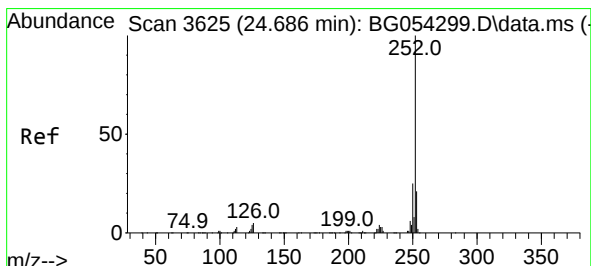
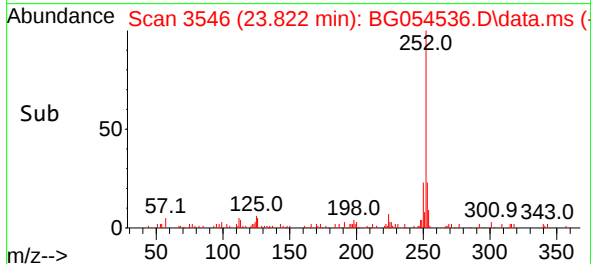
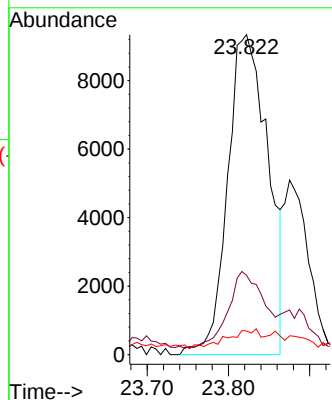
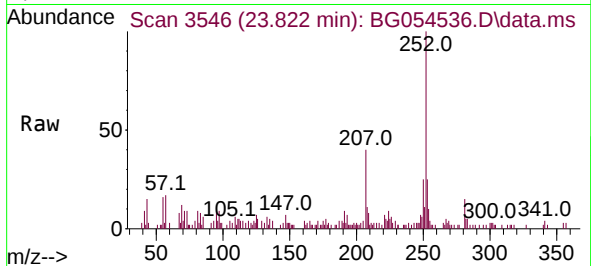




#88
Benzo(b)fluoranthene
Concen: 3.475 ng
RT: 23.822 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

Instrument :
BNA_G
ClientSampleId :
RVE-155

Tgt Ion:252 Resp: 32255
Ion Ratio Lower Upper
252 100
253 24.7 18.0 27.0
125 7.4 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 2.732 ng
RT: 24.686 min Scan# 3693
Delta R.T. -0.000 min
Lab File: BG054536.D
Acq: 5 Aug 2022 15:26

Tgt Ion:252 Resp: 21655
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.8#
125 7.6 4.3 6.5#

