

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054490.D
 Acq On : 2 Aug 2022 19:38
 Operator : CG/JU
 Sample : N3895-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-45

Quant Time: Aug 03 04:14:38 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)

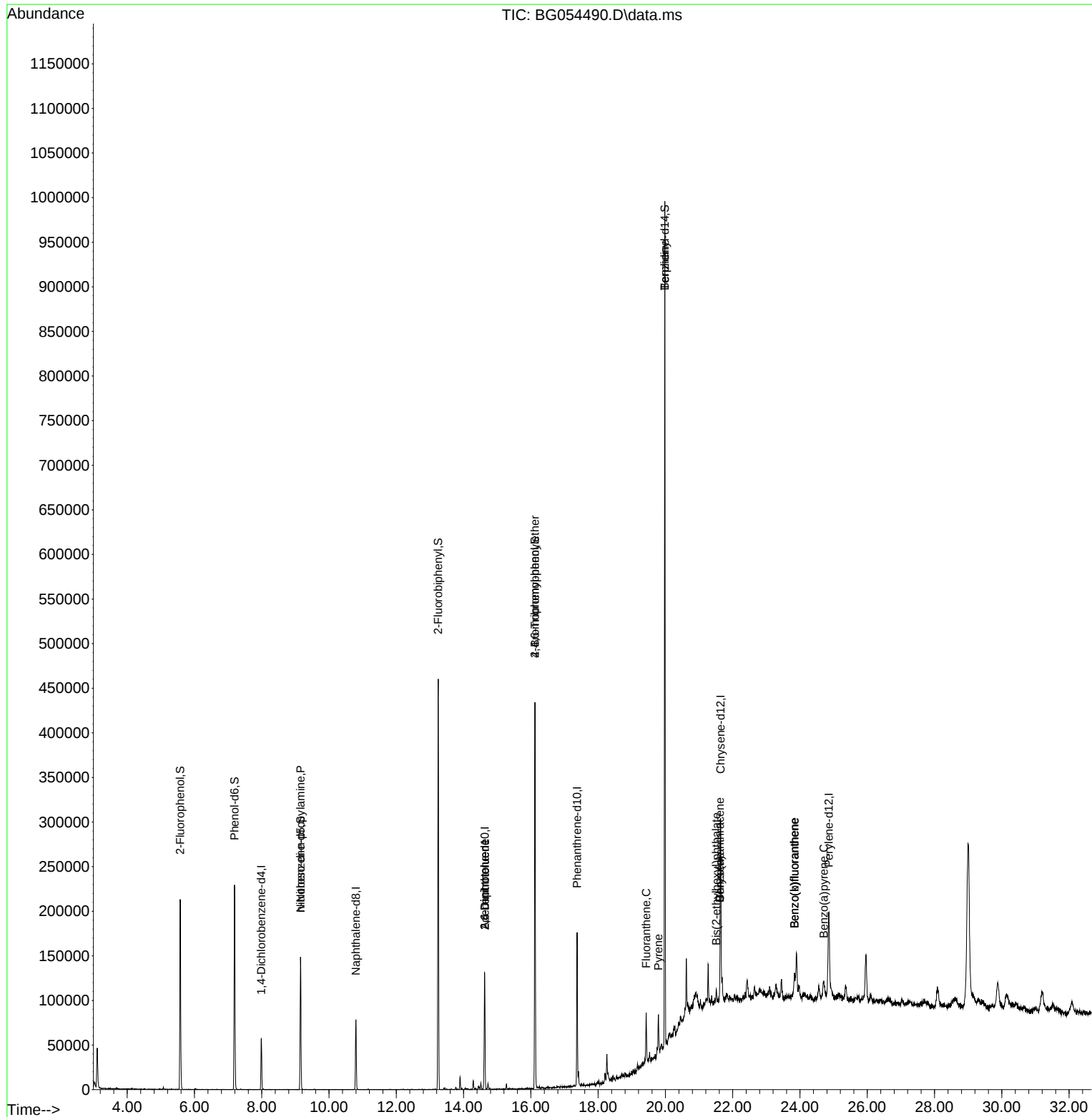
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	18163	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	69716	20.000	ng	# 0.00
39) Acenaphthene-d10	14.628	164	50873	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	124059	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	142248	20.000	ng	# 0.00
86) Perylene-d12	24.857	264	145149	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	100751	115.816	ng	0.01
7) Phenol-d6	7.189	99	131791	110.562	ng	0.02
23) Nitrobenzene-d5	9.152	82	91107	71.166	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	115529	108.159	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	269912	74.846	ng	0.00
79) Terphenyl-d14	19.980	244	536926	74.880	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.152	70	13330	16.746	ng	# 85
51) 2,6-Dinitrotoluene	14.628	165	7067	8.108	ng	# 16
57) 2,4-Dinitrotoluene	14.628	165	7067	5.656	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	7230	4.150	ng	# 1
75) Fluoranthene	19.428	202	33846	4.019	ng	97
77) Benzidine	19.980	184	7298	2.833	ng	95
78) Pyrene	19.786	202	31639	3.876	ng	98
81) Benzo(a)anthracene	21.620	228	18321	2.029	ng	96
83) Chrysene	21.620	228	18321	2.148	ng	96
84) Bis(2-ethylhexyl)phtha...	21.514	149	7497	2.083	ng	# 79
88) Benzo(b)fluoranthene	23.835	252	47291	5.509	ng	# 98
89) Benzo(k)fluoranthene	23.835	252	47291	5.536	ng	# 98
90) Benzo(a)pyrene	24.704	252	19002	2.592	ng	# 93

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

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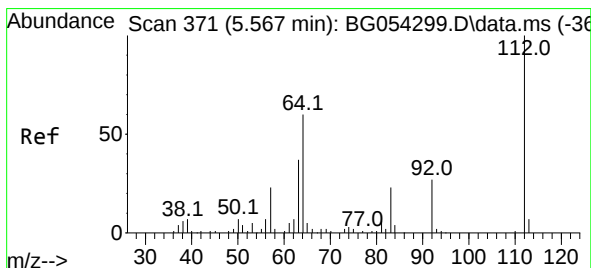
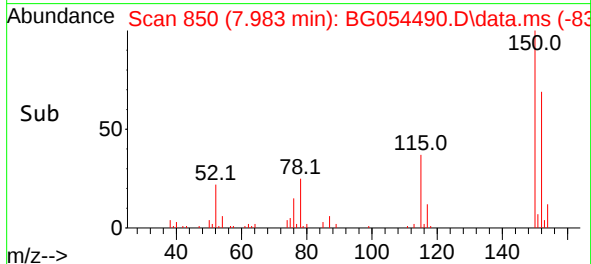
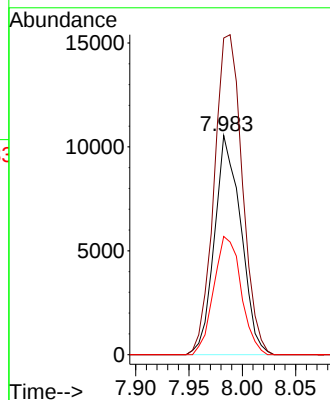
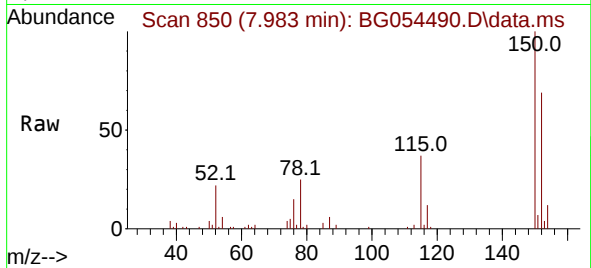




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.983 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

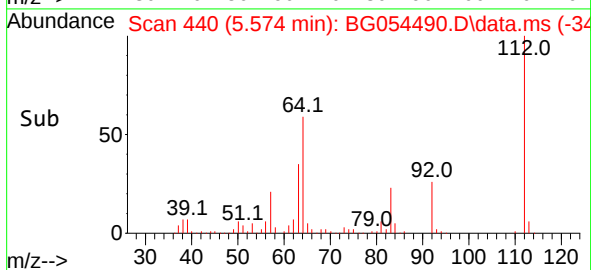
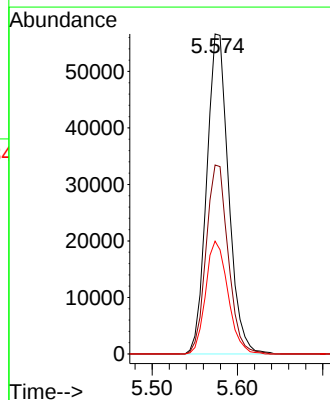
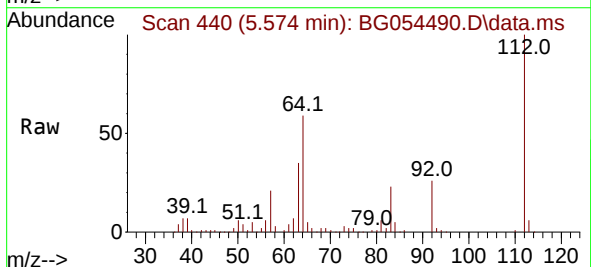
Instrument :
BNA_G
ClientSampleId :
RVE-45

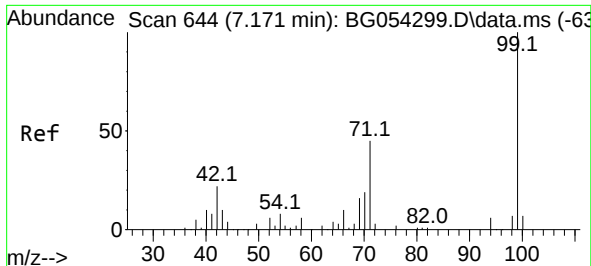
Tgt Ion:152 Resp: 18163
Ion Ratio Lower Upper
152 100
150 144.5 131.6 197.4
115 53.9 50.9 76.3



#5
2-Fluorophenol
Concen: 115.816 ng
RT: 5.574 min Scan# 440
Delta R.T. 0.012 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Tgt Ion:112 Resp: 100751
Ion Ratio Lower Upper
112 100
64 59.1 55.1 82.7
63 35.3 30.4 45.6

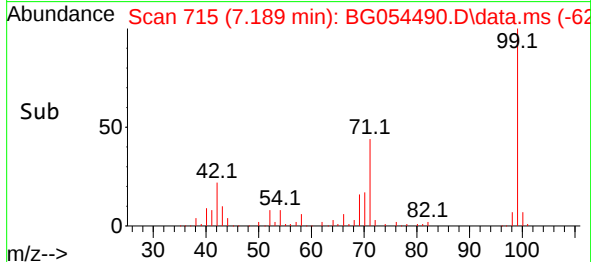
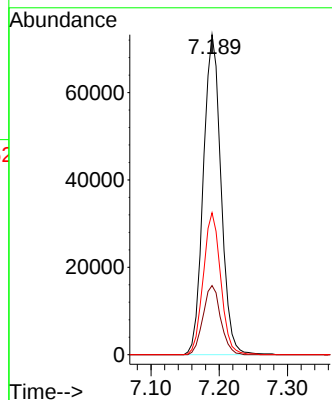
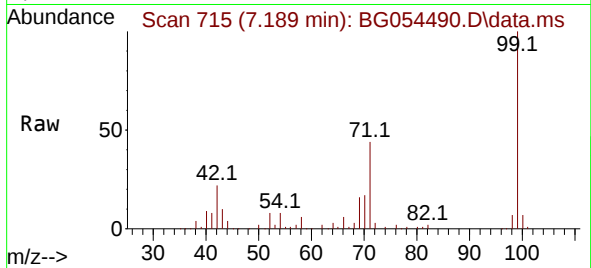




#7
Phenol-d6
Concen: 110.562 ng
RT: 7.189 min Scan# 71
Delta R.T. 0.018 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

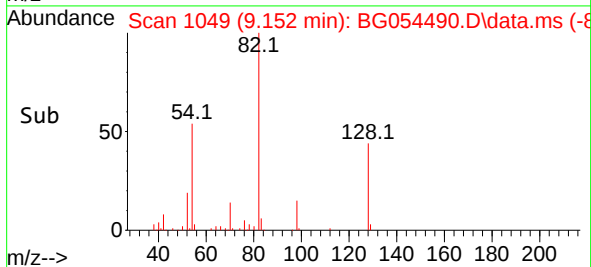
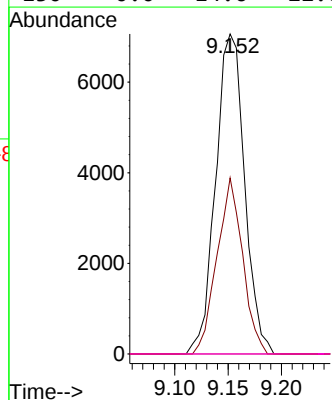
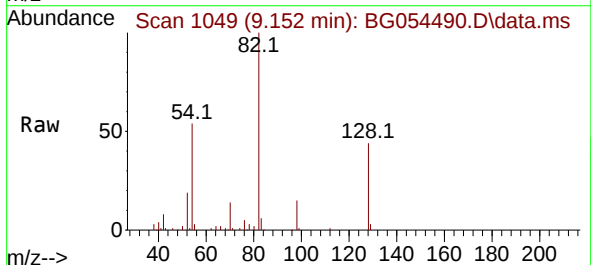
Instrument :
BNA_G
ClientSampleId :
RVE-45

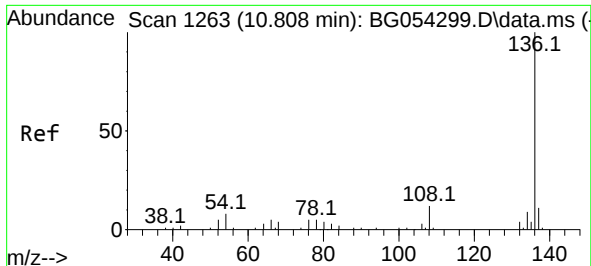
Tgt Ion: 99 Resp: 131791
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 44.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.746 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.358 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Tgt Ion: 70 Resp: 13330
Ion Ratio Lower Upper
70 100
42 55.0 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

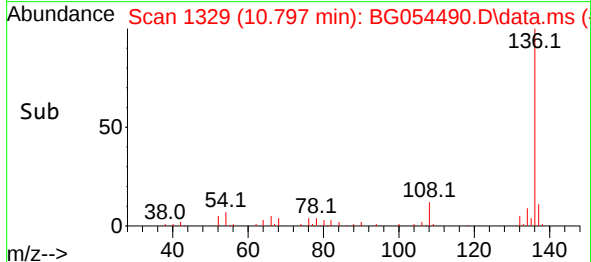
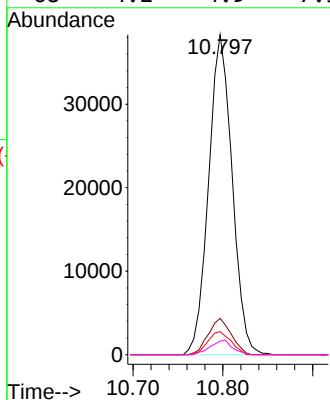
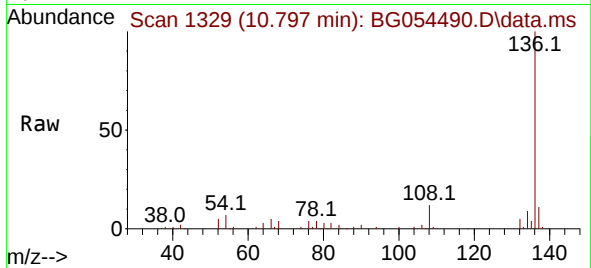




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

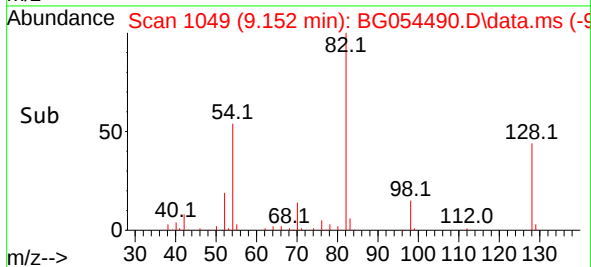
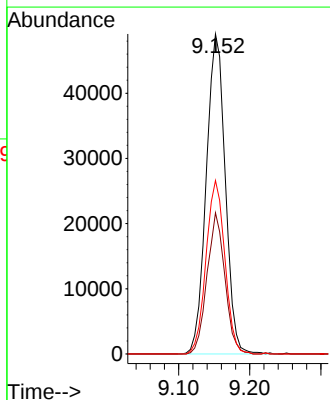
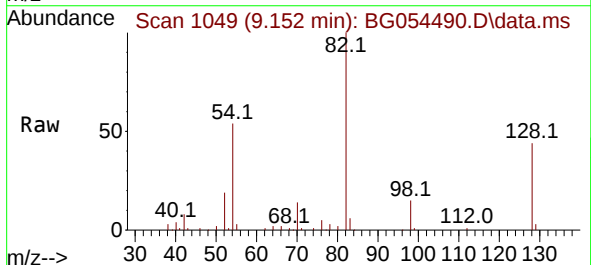
Instrument :
BNA_G
ClientSampleId :
RVE-45

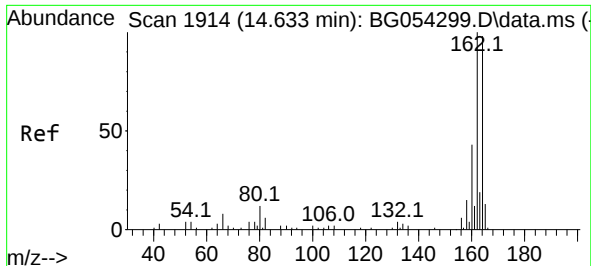
Tgt Ion:	136	Resp:	69716
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.2	7.4	11.2#
68	4.2	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 71.166 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Tgt Ion:	82	Resp:	91107
Ion Ratio	Lower	Upper	
82	100		
128	44.1	27.9	41.9#
54	54.2	41.2	61.8

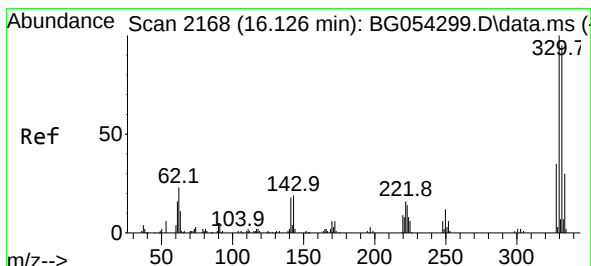
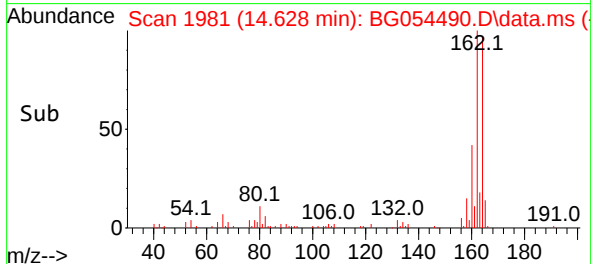
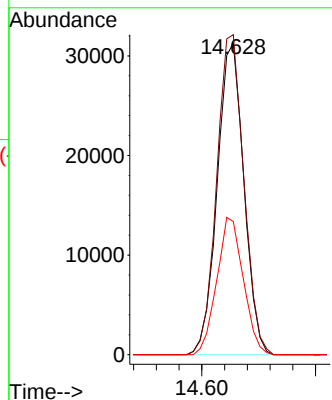
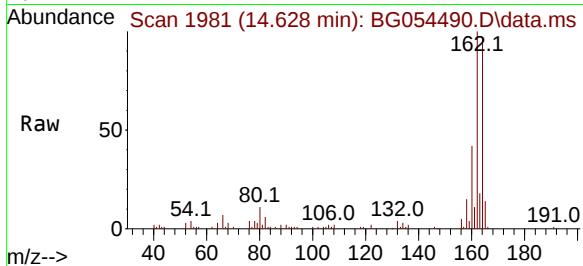




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.628 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

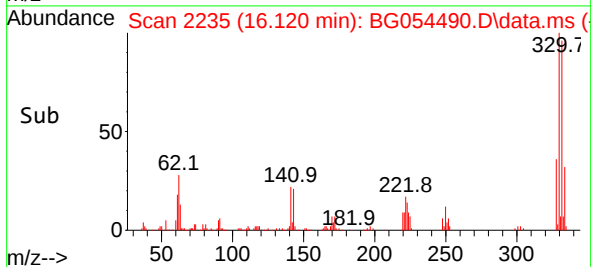
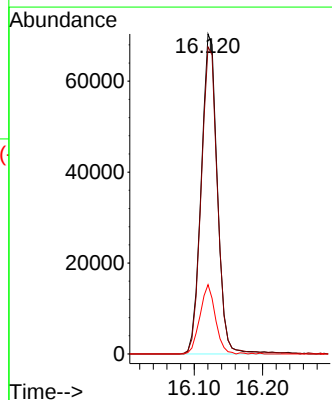
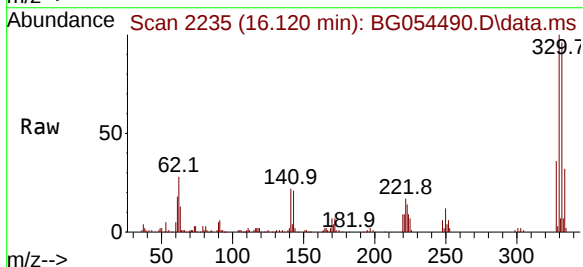
Instrument :
BNA_G
ClientSampleId :
RVE-45

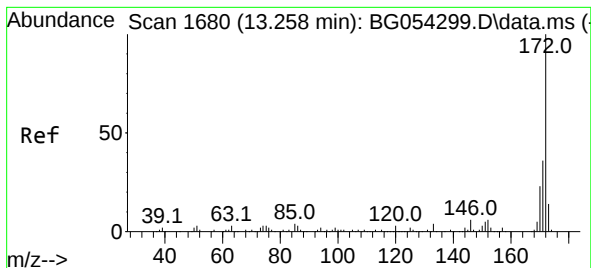
Tgt Ion:164 Resp: 50873
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 42.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 108.159 ng
RT: 16.120 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Tgt Ion:330 Resp: 115529
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 20.8 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 74.846 ng

RT: 13.247 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054490.D

Acq: 2 Aug 2022 19:38

Instrument :

BNA_G

ClientSampleId :

RVE-45

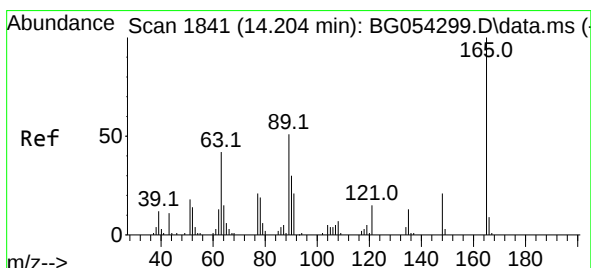
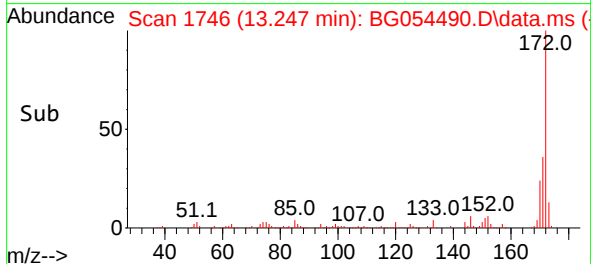
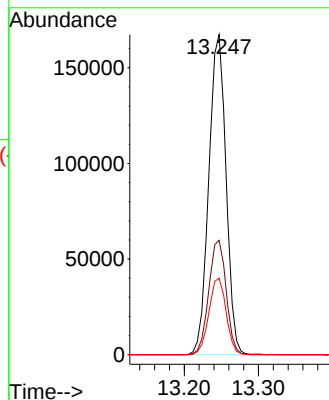
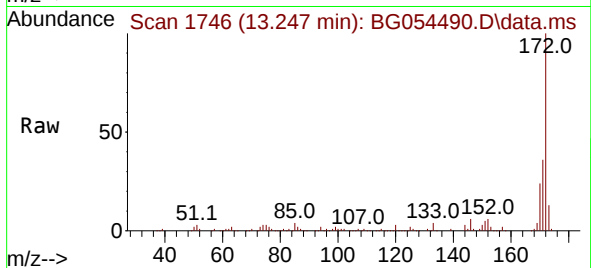
Tgt Ion:172 Resp: 269912

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.9 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.108 ng

RT: 14.628 min Scan# 1981

Delta R.T. 0.429 min

Lab File: BG054490.D

Acq: 2 Aug 2022 19:38

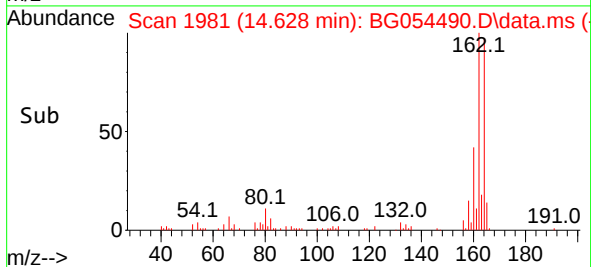
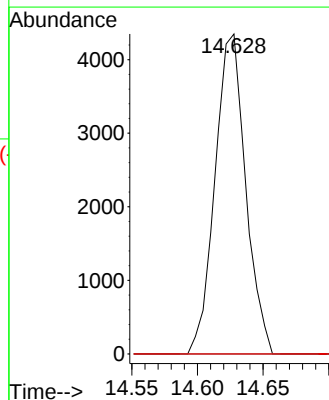
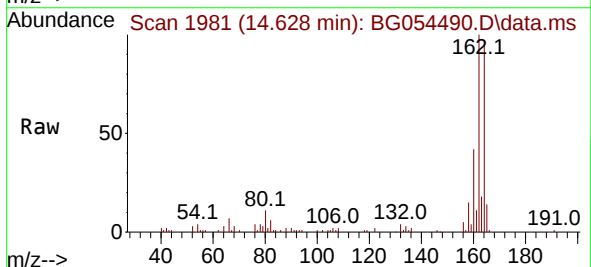
Tgt Ion:165 Resp: 7067

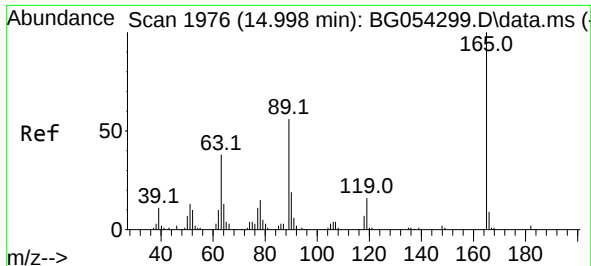
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.656 ng

RT: 14.628 min Scan# 1976

Delta R.T. -0.364 min

Lab File: BG054490.D

Acq: 2 Aug 2022 19:38

Instrument :

BNA_G

ClientSampleId :

RVE-45

Tgt Ion:165 Resp: 7067

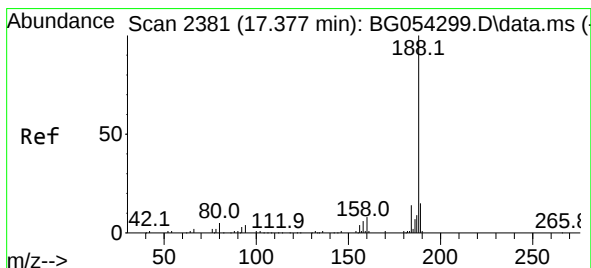
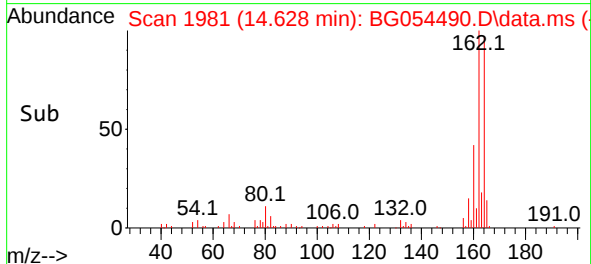
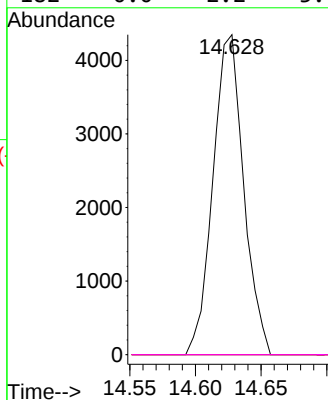
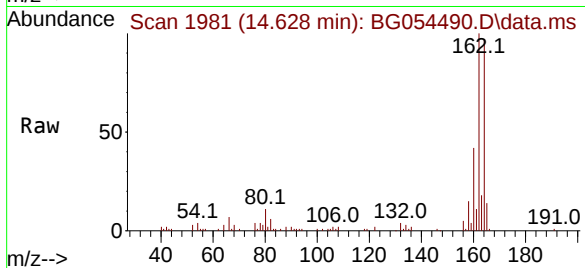
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.372 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BG054490.D

Acq: 2 Aug 2022 19:38

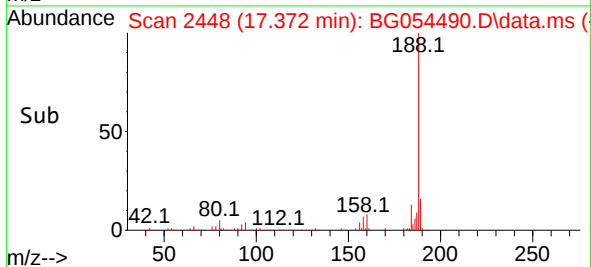
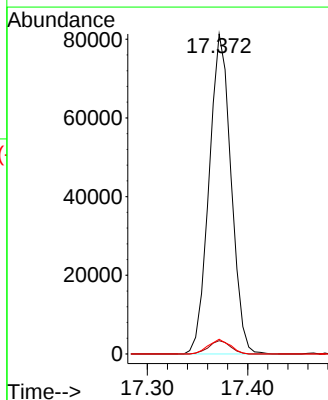
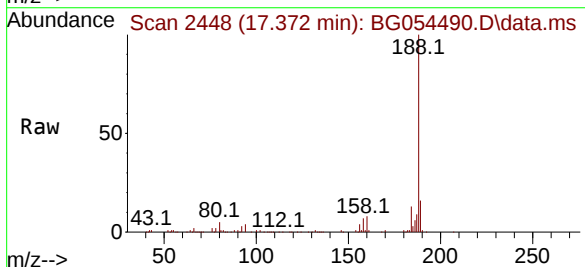
Tgt Ion:188 Resp: 124059

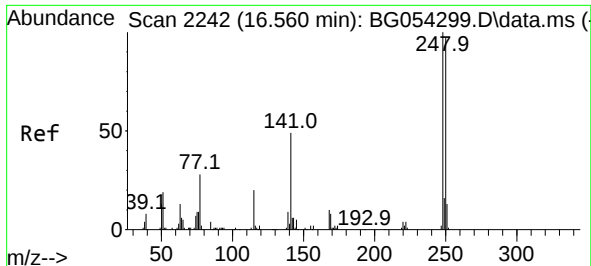
Ion Ratio Lower Upper

188 100

94 4.2 5.4 8.0#

80 4.6 6.8 10.2#

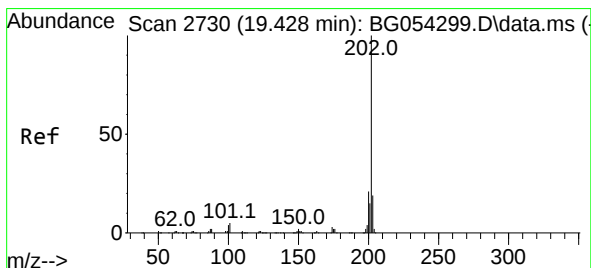
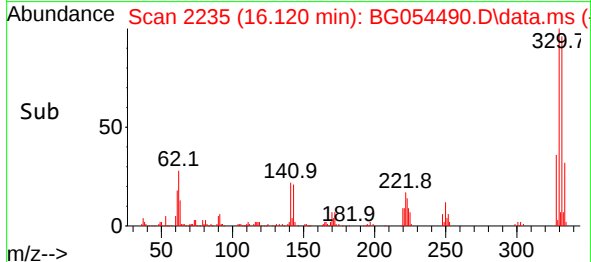
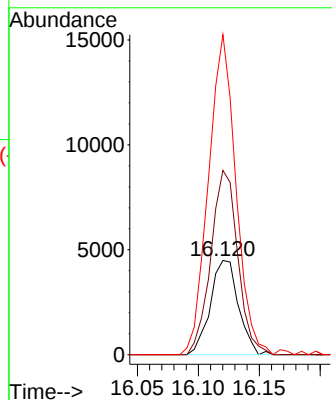
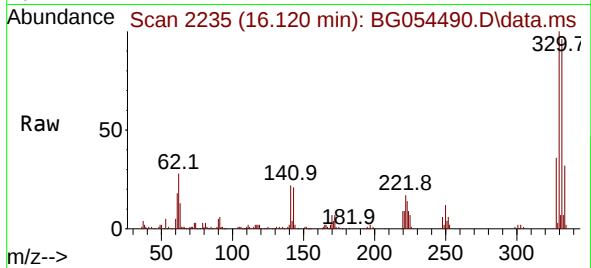




#67
4-Bromophenyl-phenylether
Concen: 4.150 ng
RT: 16.120 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

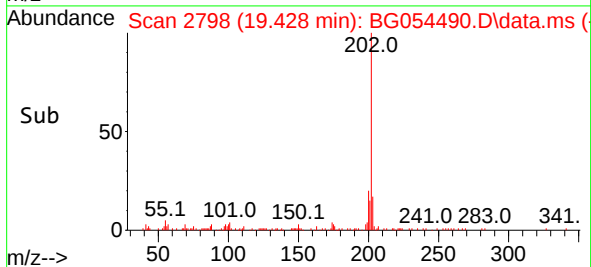
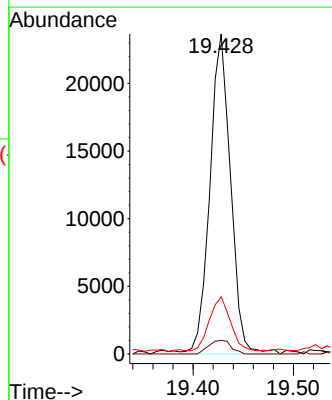
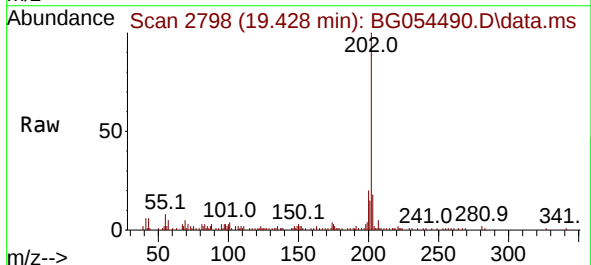
Instrument :
BNA_G
ClientSampleId :
RVE-45

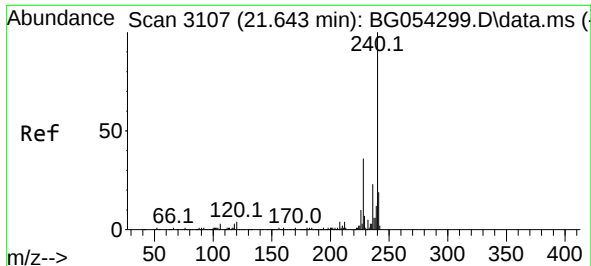
Tgt Ion:248 Resp: 7230
Ion Ratio Lower Upper
248 100
250 195.5 75.2 112.8#
141 339.6 50.0 75.0#



#75
Fluoranthene
Concen: 4.019 ng
RT: 19.428 min Scan# 2798
Delta R.T. 0.006 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Tgt Ion:202 Resp: 33846
Ion Ratio Lower Upper
202 100
101 4.2 0.0 26.9
203 17.9 0.0 37.2

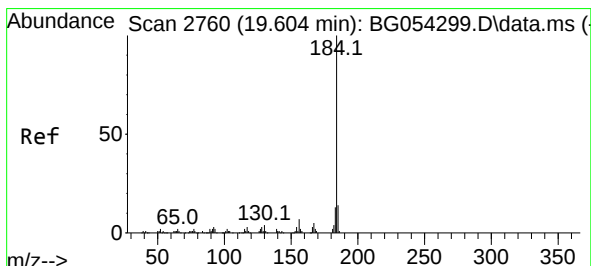
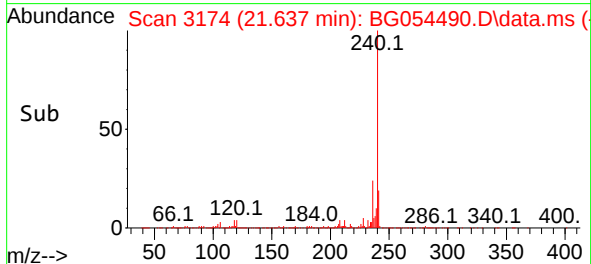
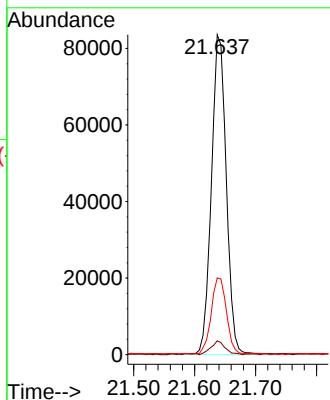
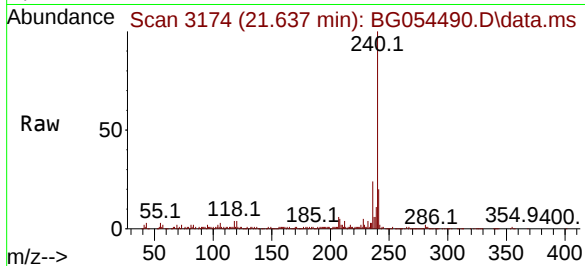




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

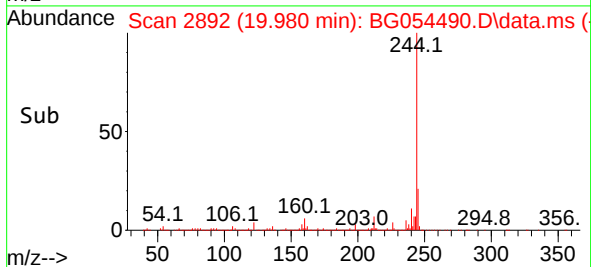
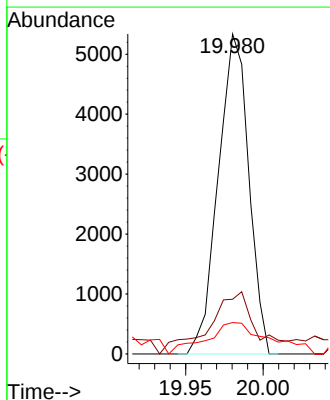
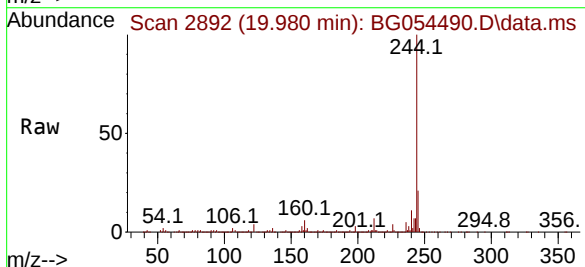
Instrument :
BNA_G
ClientSampleId :
RVE-45

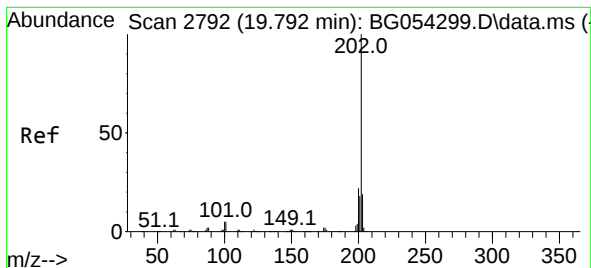
Tgt Ion:240 Resp: 142248
Ion Ratio Lower Upper
240 100
120 4.3 4.6 7.0#
236 24.0 20.2 30.4



#77
Benzidine
Concen: 2.833 ng
RT: 19.980 min Scan# 2892
Delta R.T. 0.382 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Tgt Ion:184 Resp: 7298
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.6
183 9.8 8.9 13.3





#78

Pyrene

Concen: 3.876 ng

RT: 19.786 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG054490.D

Acq: 2 Aug 2022 19:38

Instrument :

BNA_G

ClientSampleId :

RVE-45

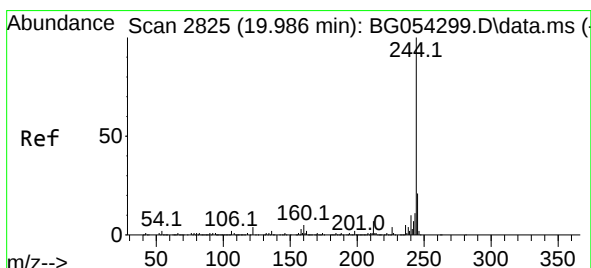
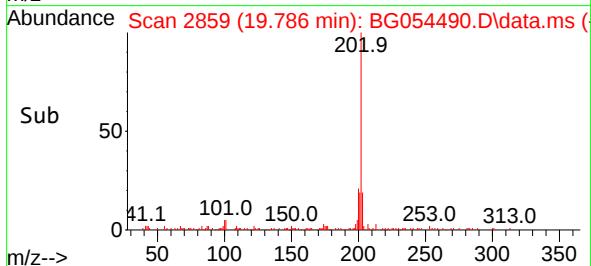
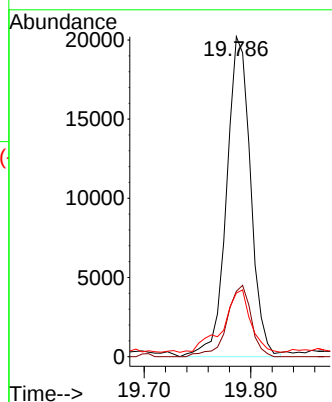
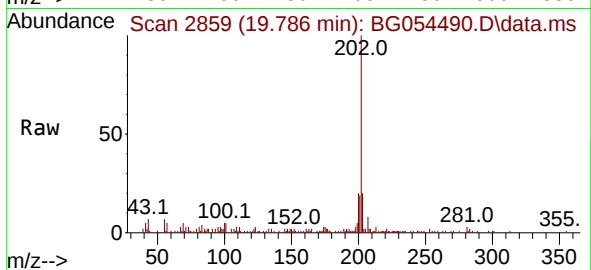
Tgt Ion:202 Resp: 31639

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

203 19.9 14.6 21.8



#79

Terphenyl-d14

Concen: 74.880 ng

RT: 19.980 min Scan# 2892

Delta R.T. 0.000 min

Lab File: BG054490.D

Acq: 2 Aug 2022 19:38

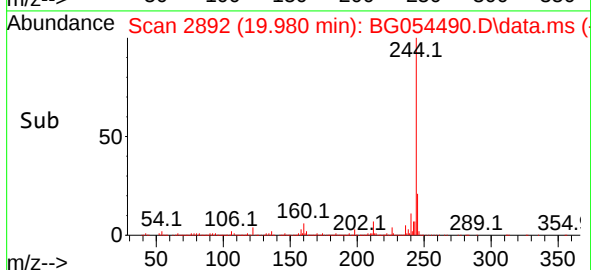
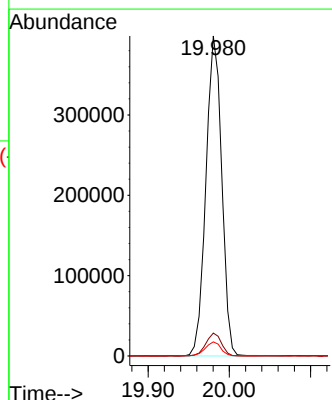
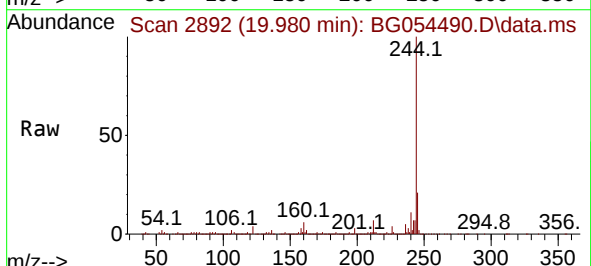
Tgt Ion:244 Resp: 536926

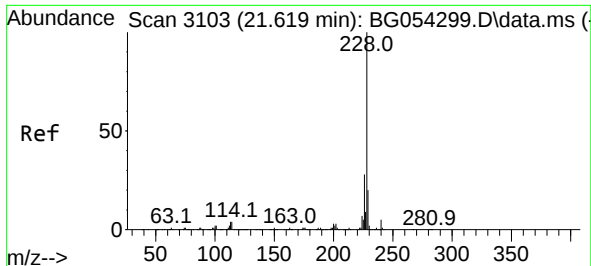
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 4.4 5.0 7.4#

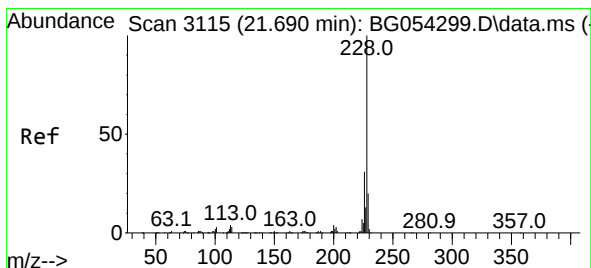
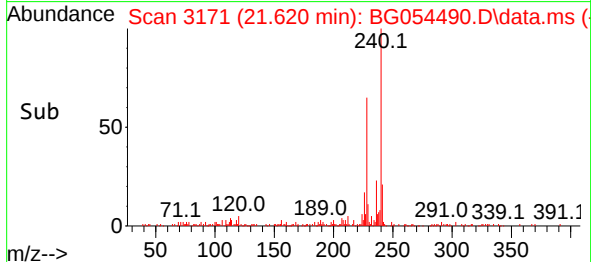
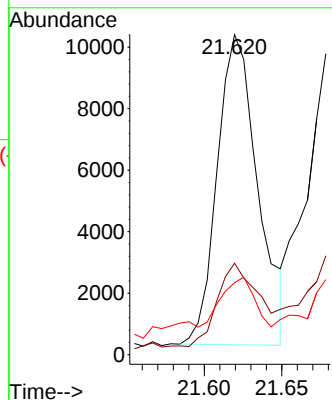
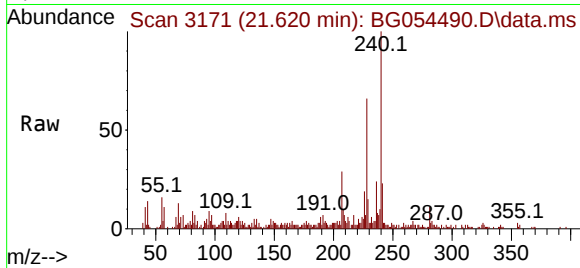




#81
Benzo(a)anthracene
Concen: 2.029 ng
RT: 21.620 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

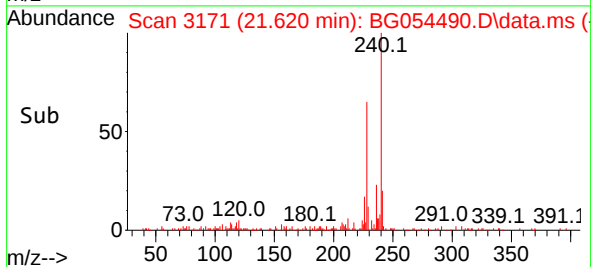
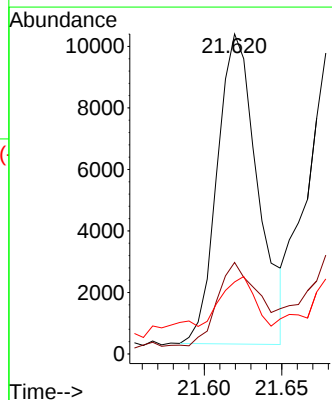
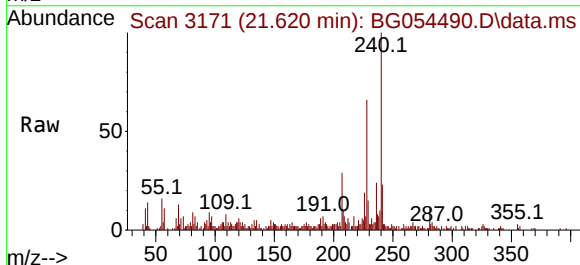
Instrument :
BNA_G
ClientSampleId :
RVE-45

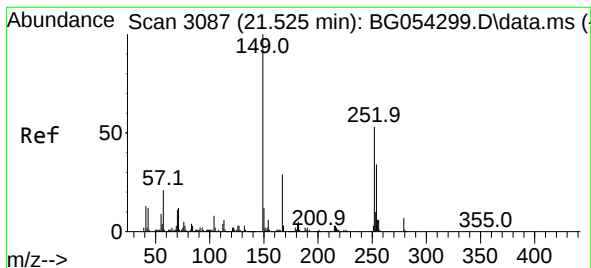
Tgt Ion:	228	Resp:	18321
Ion Ratio	Lower	Upper	
228	100		
226	28.6	21.6	32.4
229	22.5	16.2	24.2



#83
Chrysene
Concen: 2.148 ng
RT: 21.620 min Scan# 3171
Delta R.T. -0.065 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Tgt Ion:	228	Resp:	18321
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.2
229	22.5	15.5	23.3

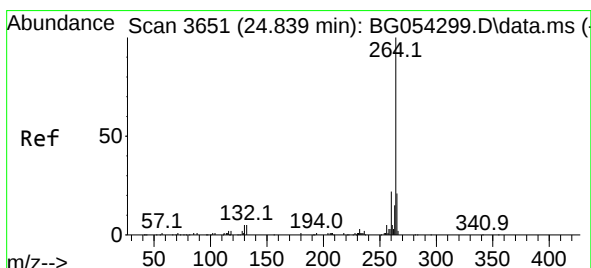
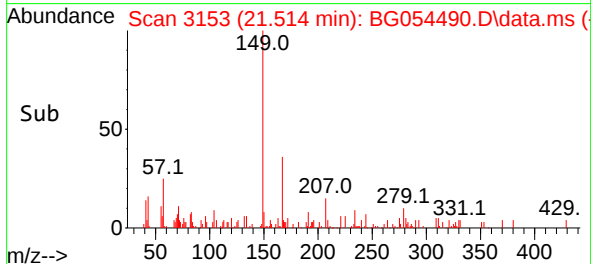
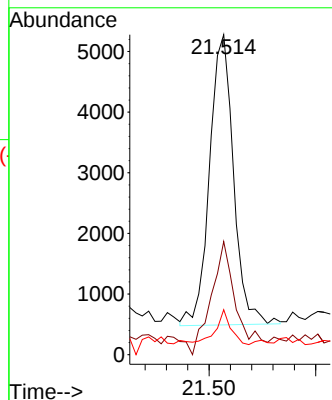
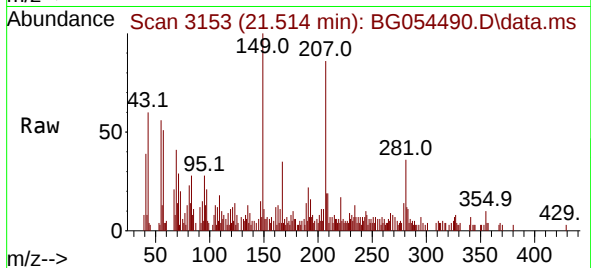




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.083 ng
 RT: 21.514 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: BG054490.D
 Acq: 2 Aug 2022 19:38

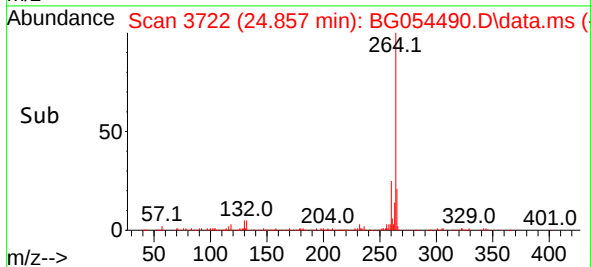
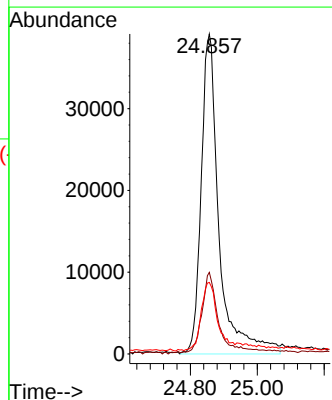
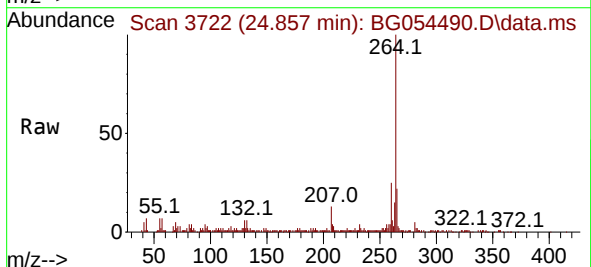
Instrument :
 BNA_G
 ClientSampleId :
 RVE-45

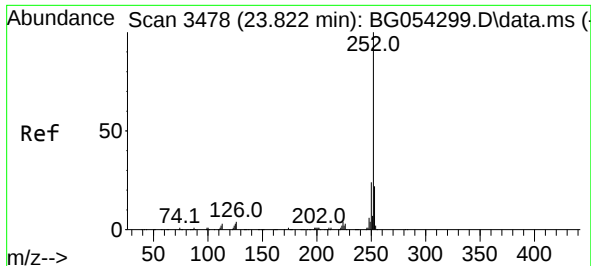
Tgt Ion:149 Resp: 7497
 Ion Ratio Lower Upper
 149 100
 167 35.4 20.2 30.4#
 279 14.1 3.6 5.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.857 min Scan# 3722
 Delta R.T. 0.024 min
 Lab File: BG054490.D
 Acq: 2 Aug 2022 19:38

Tgt Ion:264 Resp: 145149
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.0 28.6
 265 22.3 17.4 26.2

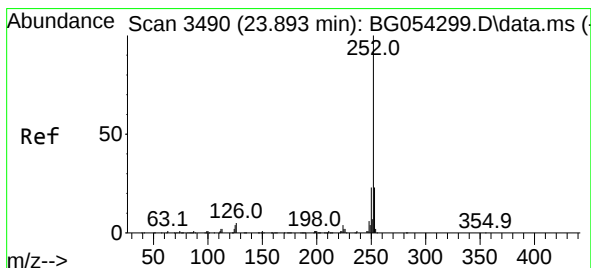
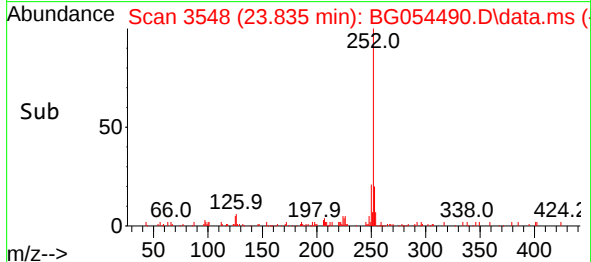
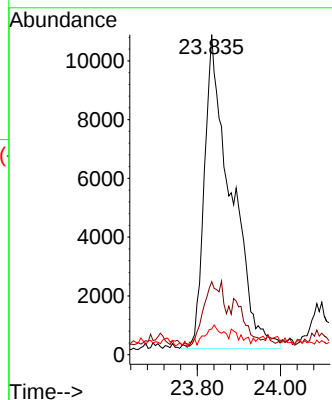
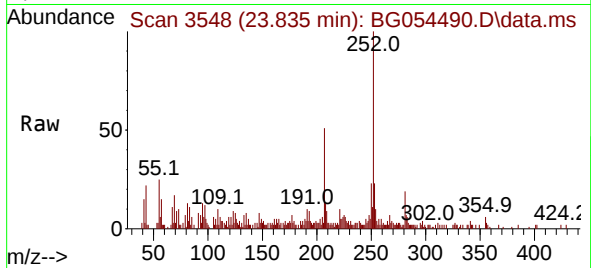




#88
Benzo(b)fluoranthene
Concen: 5.509 ng
RT: 23.835 min Scan# 3548
Delta R.T. 0.012 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

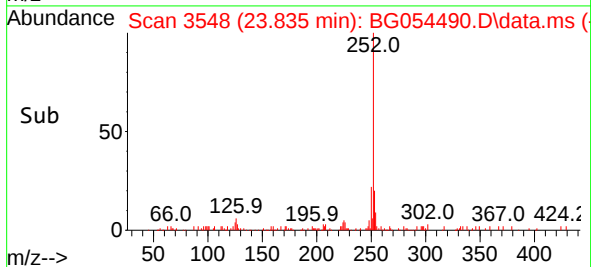
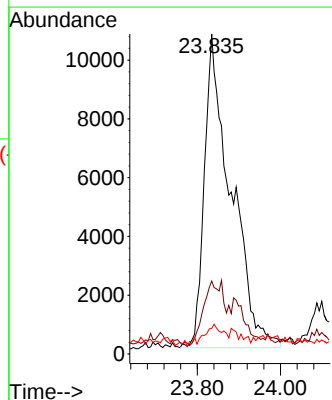
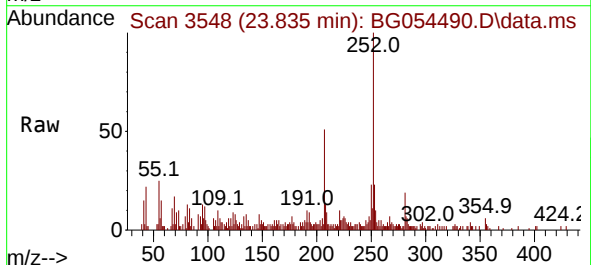
Instrument :
BNA_G
ClientSampleId :
RVE-45

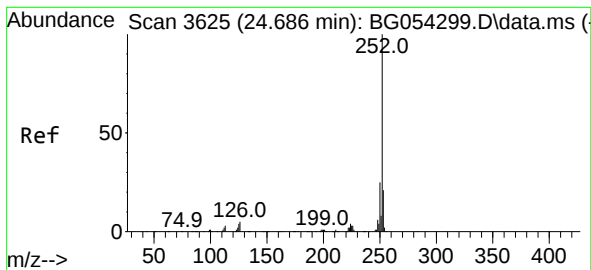
Tgt Ion:252 Resp: 47291
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 8.0 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 5.536 ng
RT: 23.835 min Scan# 3548
Delta R.T. -0.053 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Tgt Ion:252 Resp: 47291
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 8.0 4.8 7.2#





#90

Benzo(a)pyrene

Concen: 2.592 ng

RT: 24.704 min Scan# 3

Delta R.T. 0.018 min

Lab File: BG054490.D

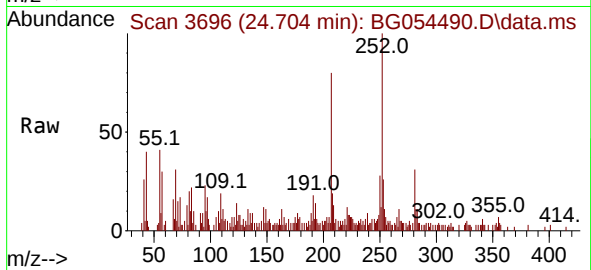
Acq: 2 Aug 2022 19:38

Instrument :

BNA_G

ClientSampleId :

RVE-45



Tgt Ion:252 Resp: 19002

Ion Ratio Lower Upper

252 100

253 25.6 17.8 26.8

125 8.3 4.3 6.5#

