

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054488.D
 Acq On : 2 Aug 2022 18:14
 Operator : CG/JU
 Sample : N3894-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-37

Quant Time: Aug 03 04:14:21 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)

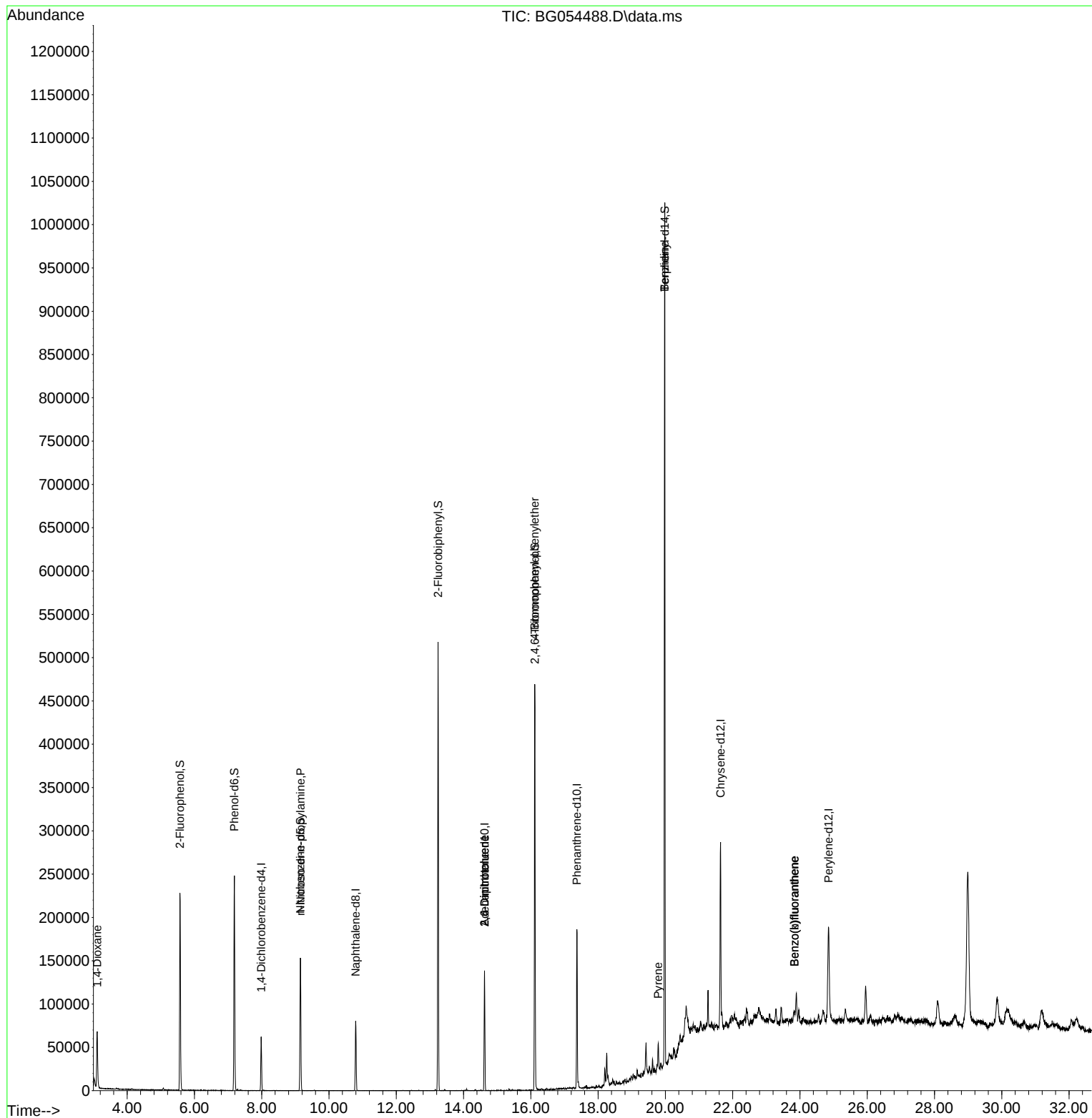
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	19014	20.000	ng	0.00
21) Naphthalene-d8	10.794	136	72644	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	53057	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	129788	20.000	ng	# 0.00
76) Chrysene-d12	21.640	240	145853	20.000	ng	# 0.00
86) Perylene-d12	24.848	264	150478	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.571	112	104706	114.975	ng	0.00
7) Phenol-d6	7.187	99	140887	112.903	ng	0.01
23) Nitrobenzene-d5	9.149	82	96212	72.125	ng	0.00
42) 2,4,6-Tribromophenol	16.123	330	127237	114.216	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	293453	78.024	ng	0.00
79) Terphenyl-d14	19.983	244	579103	78.766	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.109	88	860	2.374	ng	# 1
19) n-Nitroso-di-n-propyla...	9.155	70	14039	16.848	ng	# 82
51) 2,6-Dinitrotoluene	14.625	165	7201	7.922	ng	# 16
57) 2,4-Dinitrotoluene	14.625	165	7201	5.526	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	7429	4.076	ng	# 1
77) Benzidine	19.977	184	7586	2.872	ng	# 93
78) Pyrene	19.789	202	22976	2.745	ng	98
88) Benzo(b)fluoranthene	23.838	252	18446	2.073	ng	# 93
89) Benzo(k)fluoranthene	23.838	252	18446	2.083	ng	# 94

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

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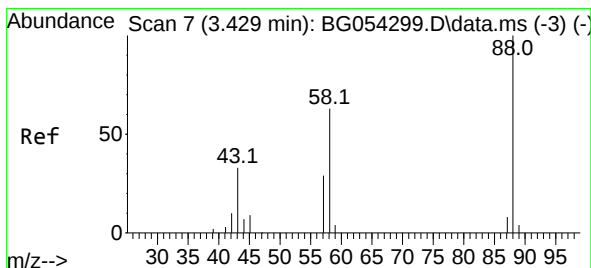
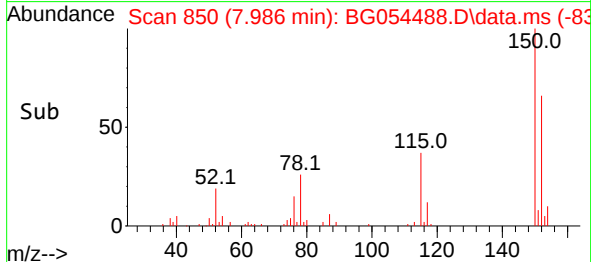
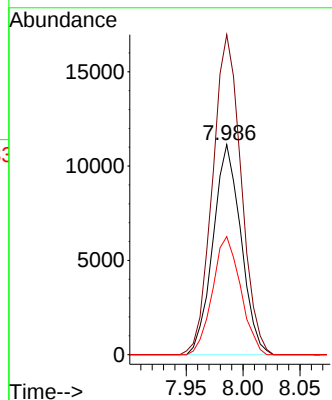
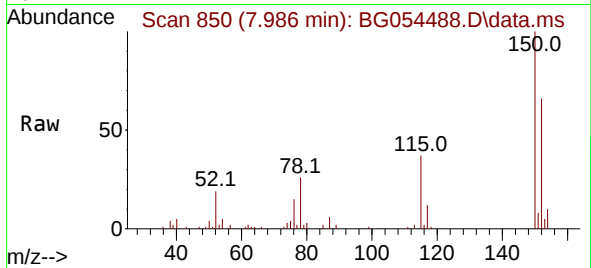




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.986 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG054488.D
 Acq: 2 Aug 2022 18:14

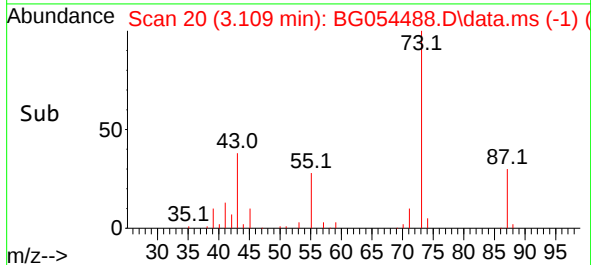
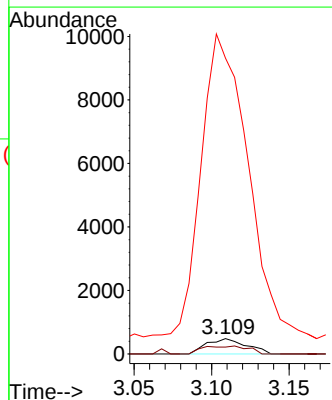
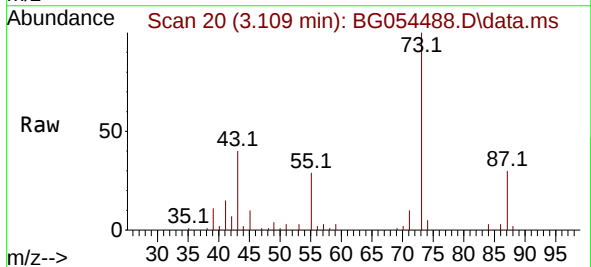
Instrument :
 BNA_G
 ClientSampleId :
 RVE-37

Tgt Ion:152 Resp: 19014
 Ion Ratio Lower Upper
 152 100
 150 152.3 131.6 197.4
 115 56.2 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.374 ng
 RT: 3.109 min Scan# 20
 Delta R.T. -0.308 min
 Lab File: BG054488.D
 Acq: 2 Aug 2022 18:14

Tgt Ion: 88 Resp: 860
 Ion Ratio Lower Upper
 88 100
 58 58.8 59.2 88.8#
 43 2539.8 24.3 36.5#

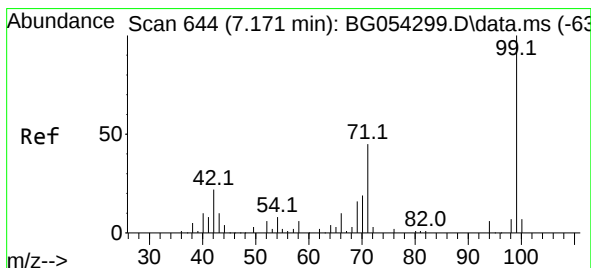
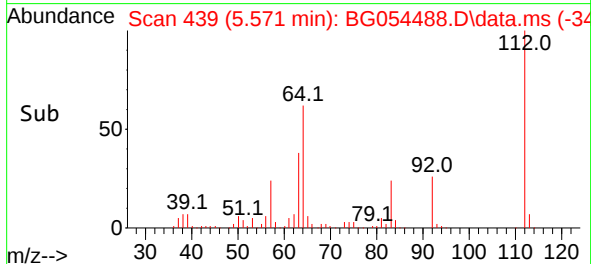
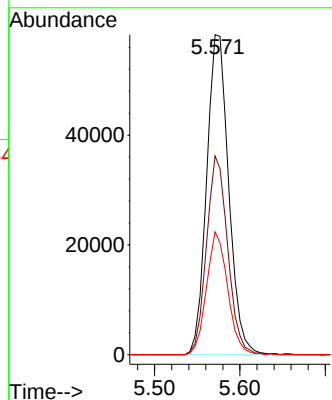
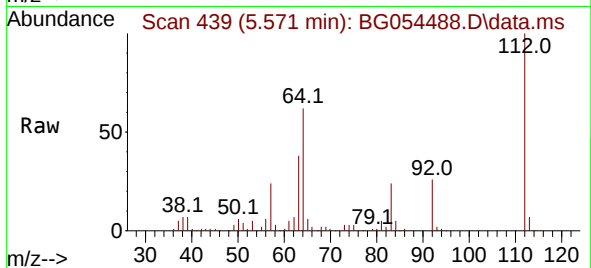




#5
2-Fluorophenol
Concen: 114.975 ng
RT: 5.571 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

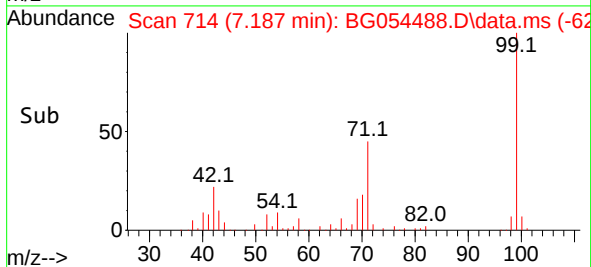
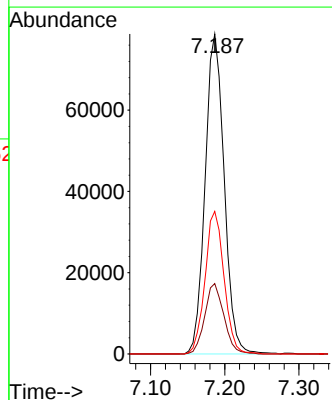
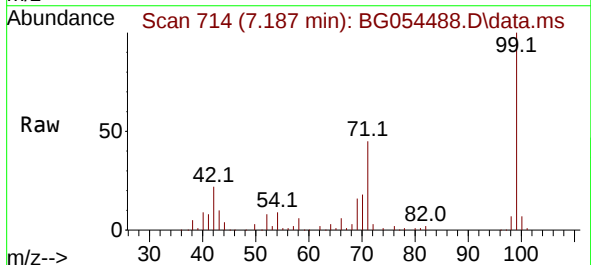
Instrument :
BNA_G
ClientSampleId :
RVE-37

Tgt Ion:112 Resp: 104706
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 38.4 30.4 45.6



#7
Phenol-d6
Concen: 112.903 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.015 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

Tgt Ion: 99 Resp: 140887
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 44.5 33.8 50.8

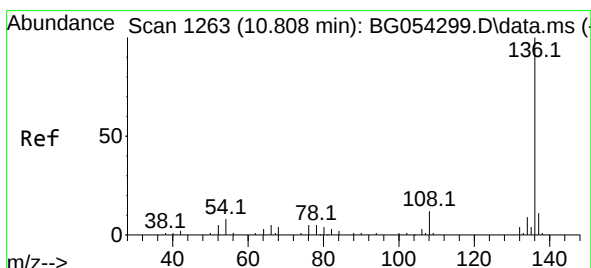
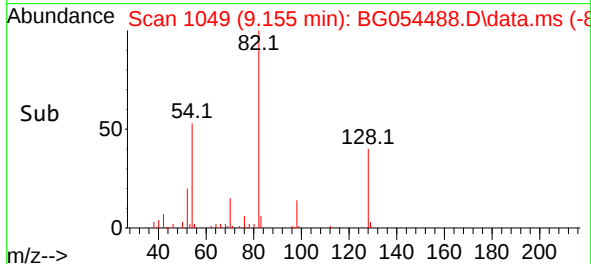
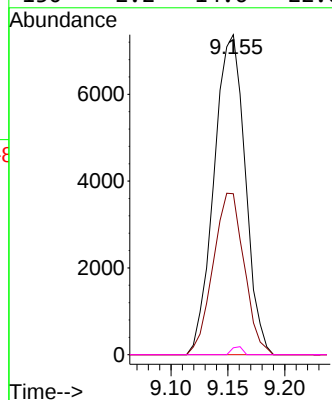
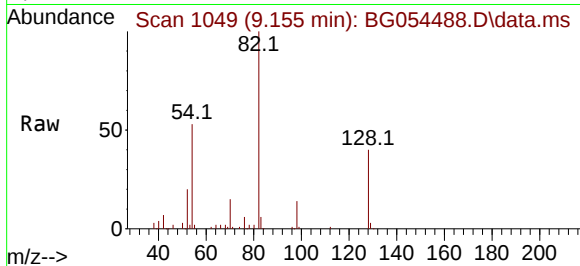




#19
n-Nitroso-di-n-propylamine
Concen: 16.848 ng
RT: 9.155 min Scan# 1049
Delta R.T. 0.361 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

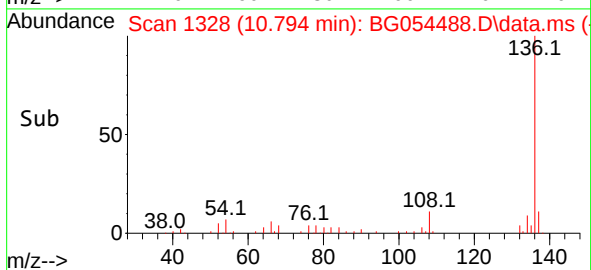
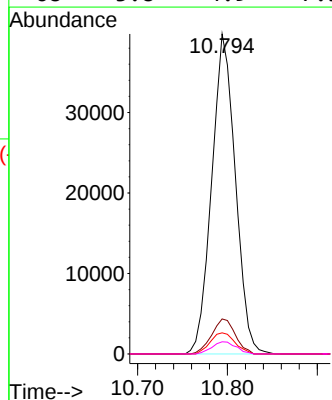
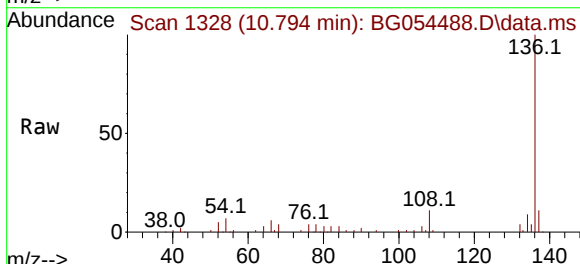
Instrument :
BNA_G
ClientSampleId :
RVE-37

Tgt Ion:	70	Resp:	14039
Ion Ratio	Lower	Upper	
70	100		
42	50.3	47.3	70.9
101	0.0	7.0	10.4#
130	2.2	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

Tgt Ion:	136	Resp:	72644
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	6.6	7.4	11.2#
68	3.8	4.9	7.3#

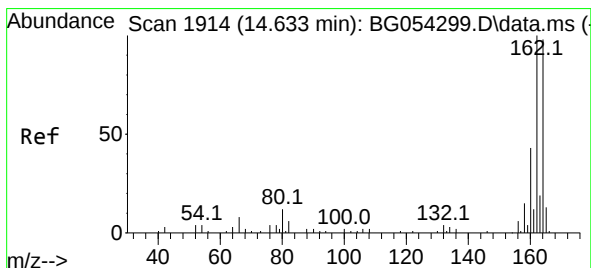
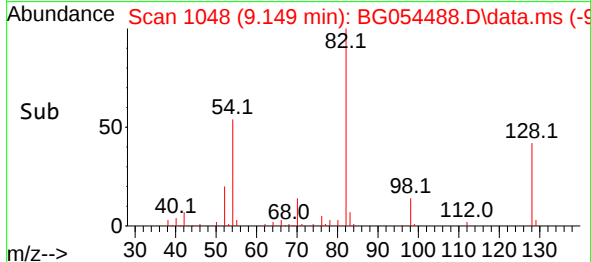
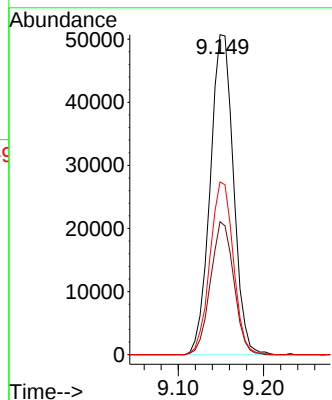
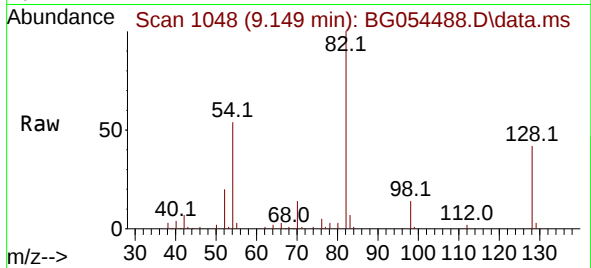




#23
Nitrobenzene-d5
Concen: 72.125 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

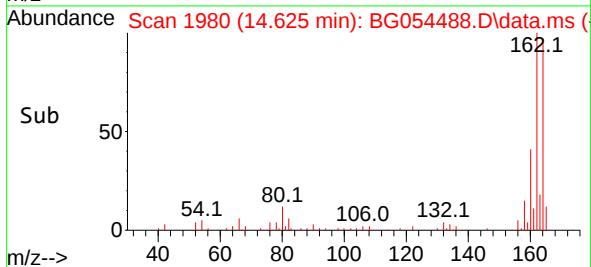
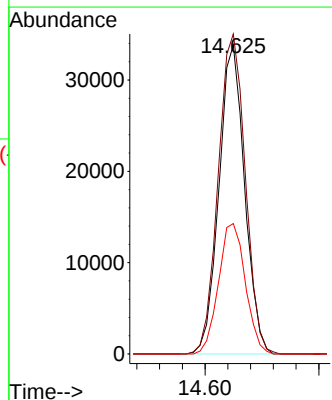
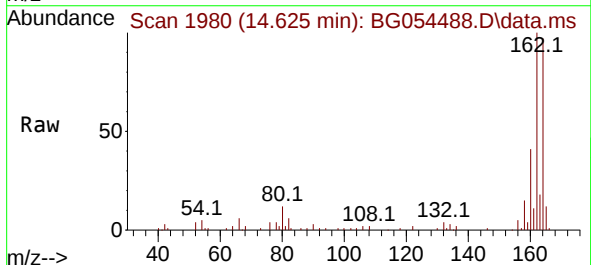
Instrument :
BNA_G
ClientSampleId :
RVE-37

Tgt Ion: 82 Resp: 96212
Ion Ratio Lower Upper
82 100
128 41.6 27.9 41.9
54 54.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1980
Delta R.T. 0.003 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

Tgt Ion:164 Resp: 53057
Ion Ratio Lower Upper
164 100
162 103.5 82.3 123.5
160 42.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 114.216 ng

RT: 16.123 min Scan# 21

Delta R.T. 0.009 min

Lab File: BG054488.D

Acq: 2 Aug 2022 18:14

Instrument :

BNA_G

ClientSampleId :

RVE-37

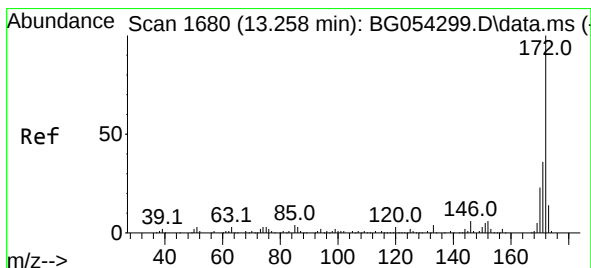
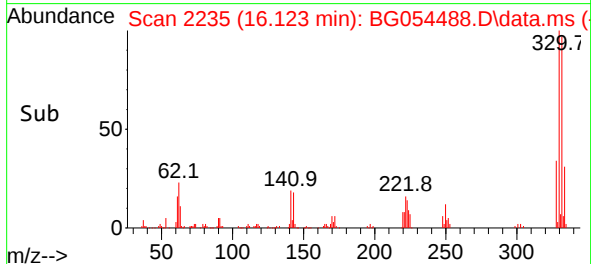
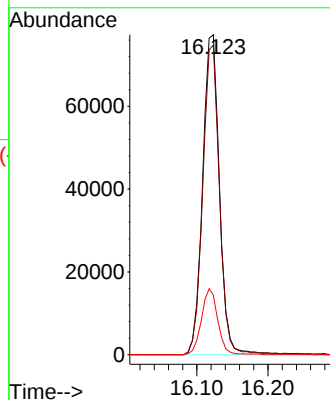
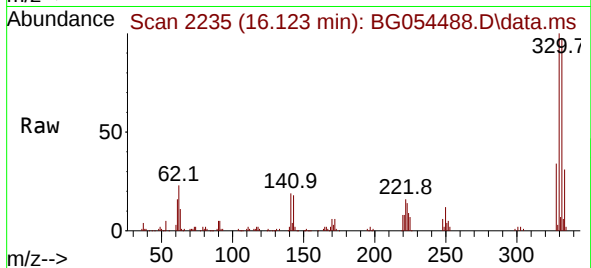
Tgt Ion:330 Resp: 127237

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 20.0 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 78.024 ng

RT: 13.244 min Scan# 1745

Delta R.T. -0.003 min

Lab File: BG054488.D

Acq: 2 Aug 2022 18:14

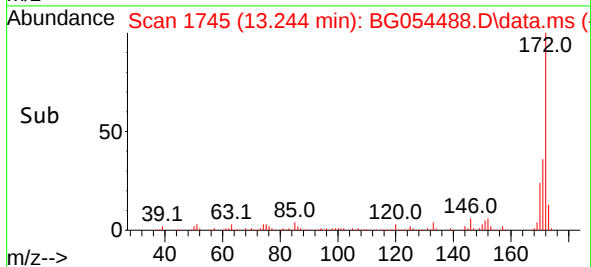
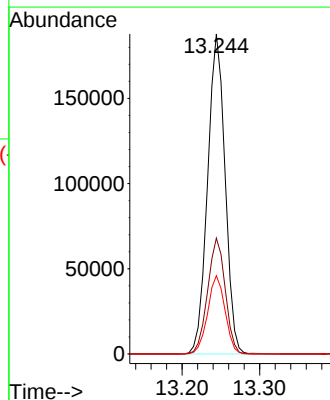
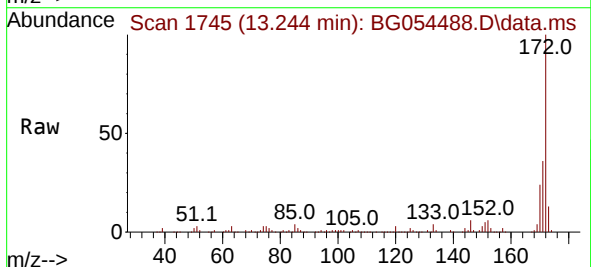
Tgt Ion:172 Resp: 293453

Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.5 18.9 28.3

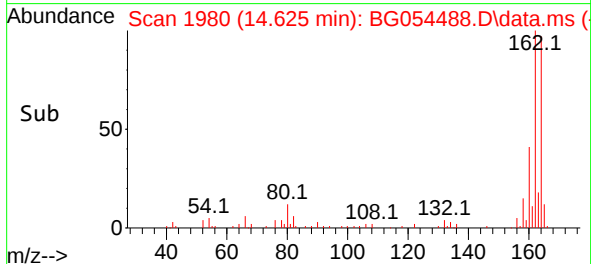
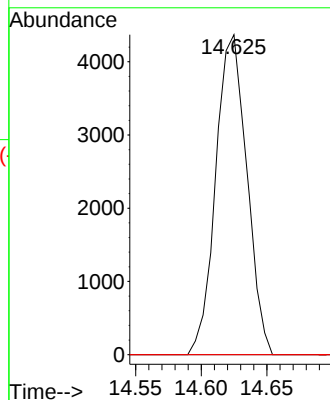
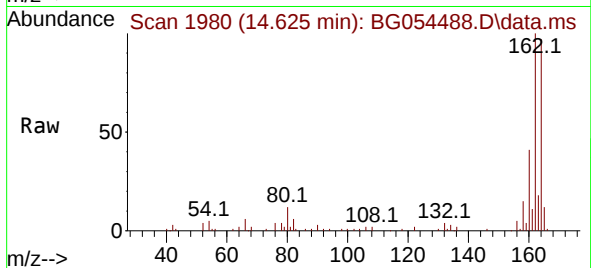




#51
2,6-Dinitrotoluene
Concen: 7.922 ng
RT: 14.625 min Scan# 1980
Delta R.T. 0.426 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

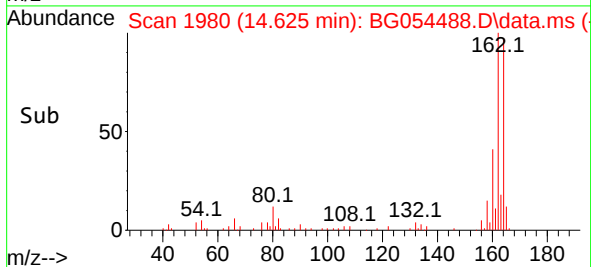
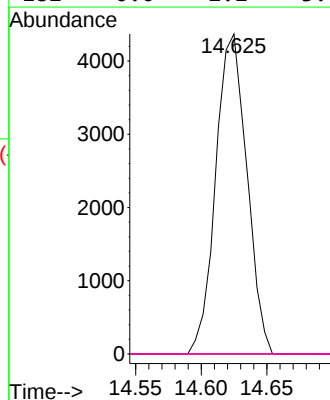
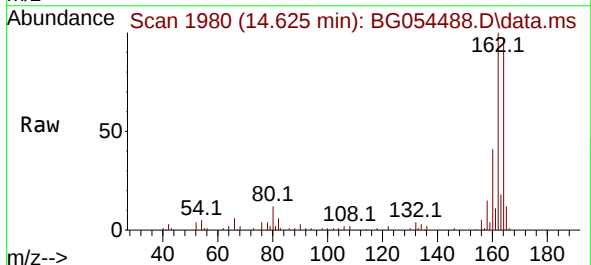
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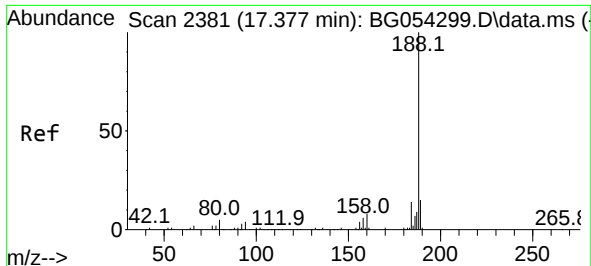
Tgt Ion:165 Resp: 7201
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.526 ng
RT: 14.625 min Scan# 1980
Delta R.T. -0.367 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

Tgt Ion:165 Resp: 7201
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#

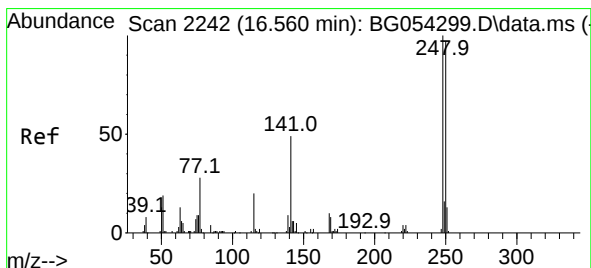
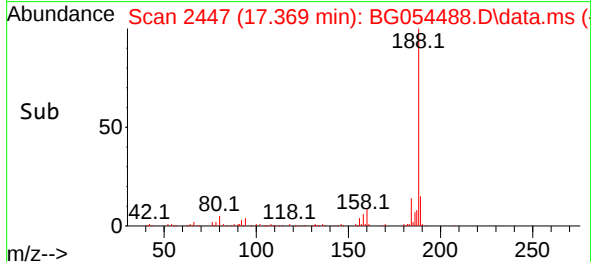
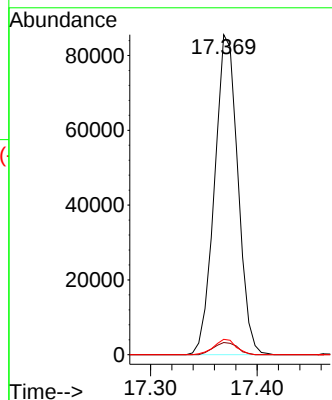
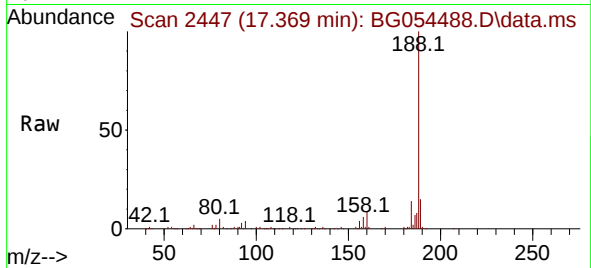




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2447
Delta R.T. -0.003 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

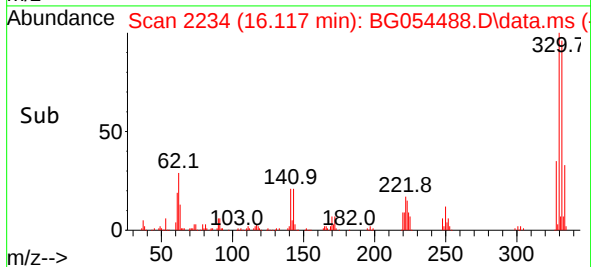
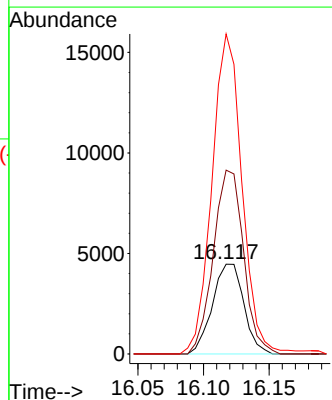
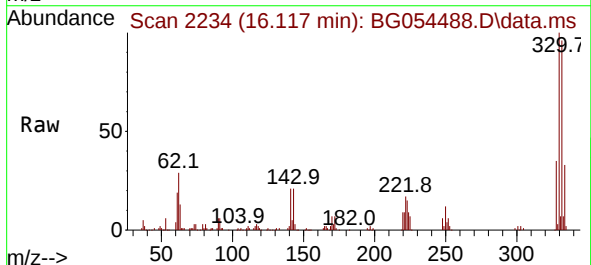
Instrument :
BNA_G
ClientSampleId :
RVE-37

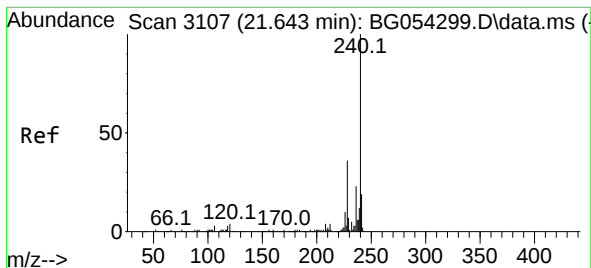
Tgt Ion:188 Resp: 129788
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 4.8 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.076 ng
RT: 16.117 min Scan# 2234
Delta R.T. -0.438 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

Tgt Ion:248 Resp: 7429
Ion Ratio Lower Upper
248 100
250 151.1 75.2 112.8#
141 263.1 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.640 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG054488.D

Acq: 2 Aug 2022 18:14

Instrument :

BNA_G

ClientSampleId :

RVE-37

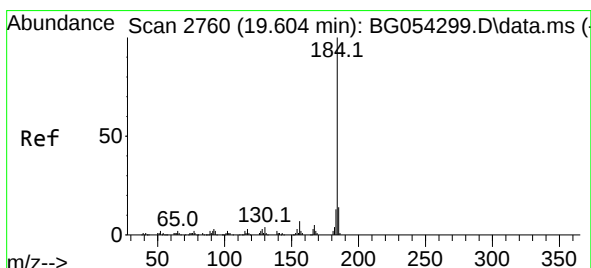
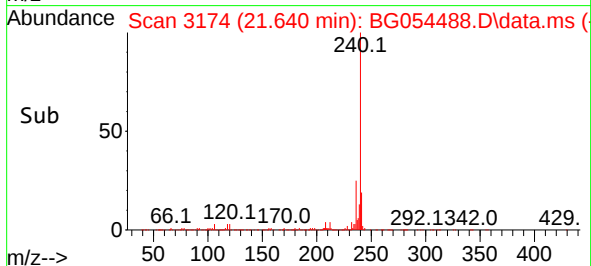
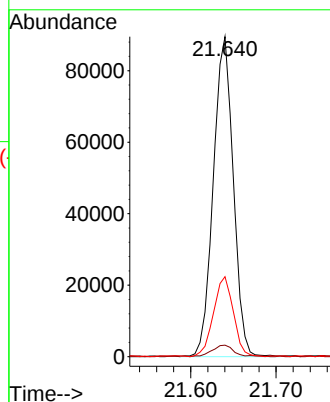
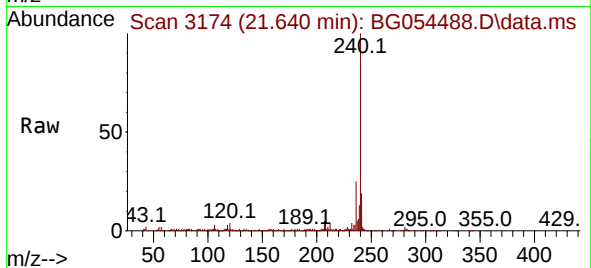
Tgt Ion:240 Resp: 145853

Ion Ratio Lower Upper

240 100

120 3.6 4.6 7.0#

236 25.0 20.2 30.4



#77

Benzidine

Concen: 2.872 ng

RT: 19.977 min Scan# 2891

Delta R.T. 0.379 min

Lab File: BG054488.D

Acq: 2 Aug 2022 18:14

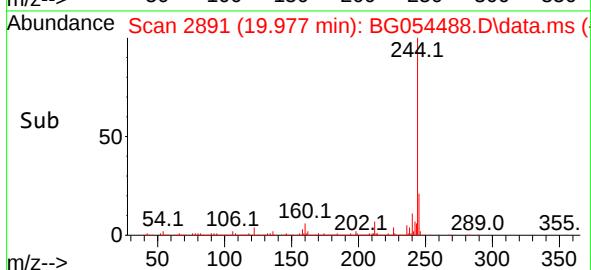
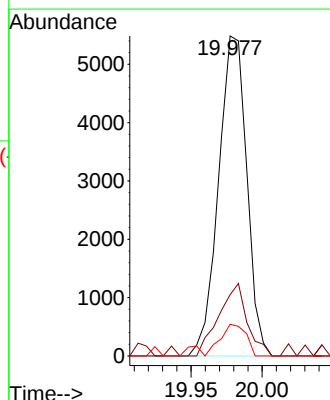
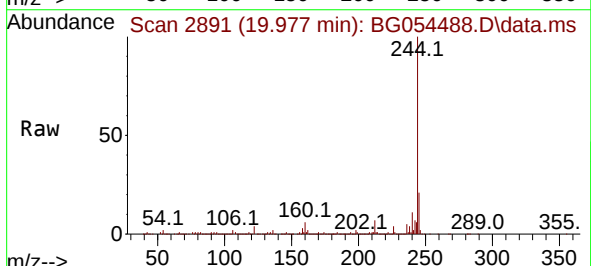
Tgt Ion:184 Resp: 7586

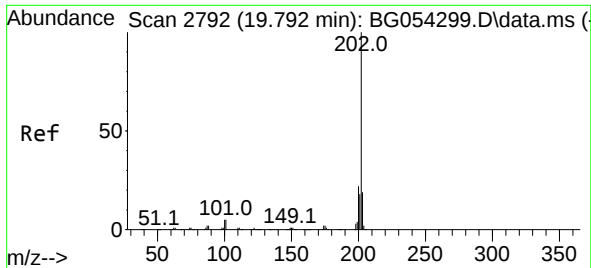
Ion Ratio Lower Upper

184 100

185 19.1 11.8 17.6#

183 9.9 8.9 13.3

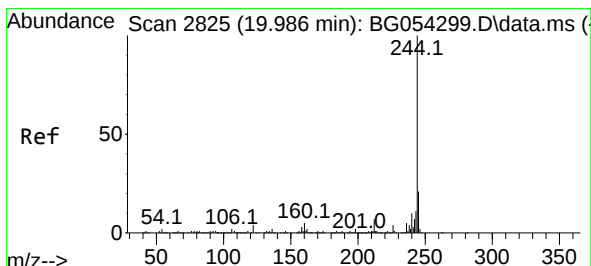
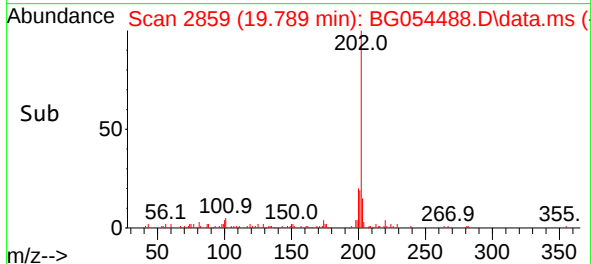
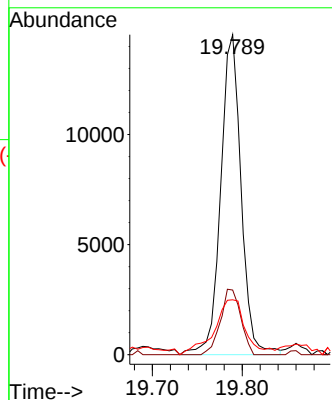
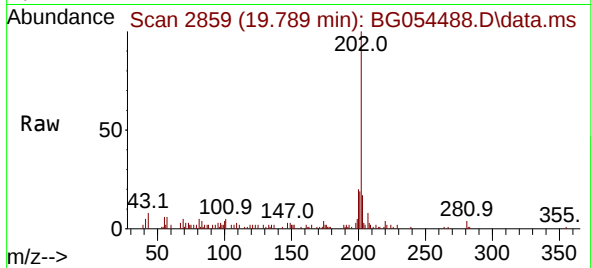




#78
Pyrene
Concen: 2.745 ng
RT: 19.789 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

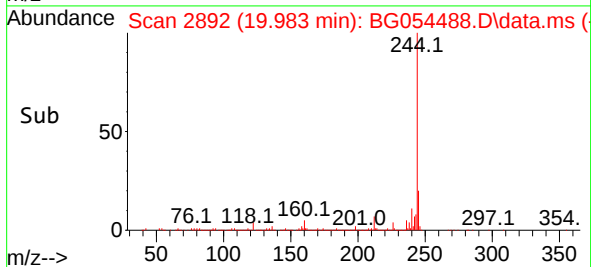
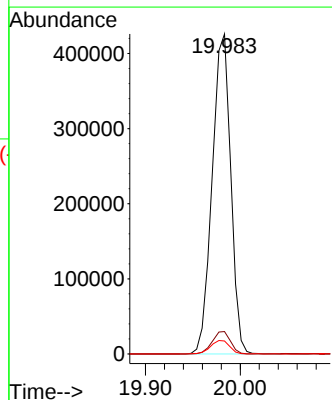
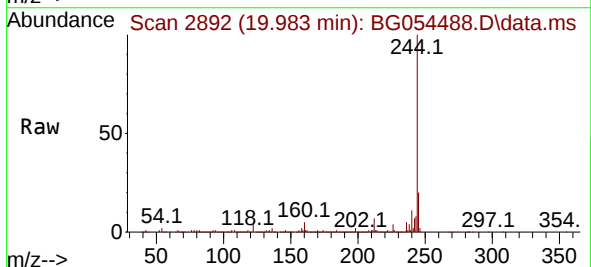
Instrument :
BNA_G
ClientSampleId :
RVE-37

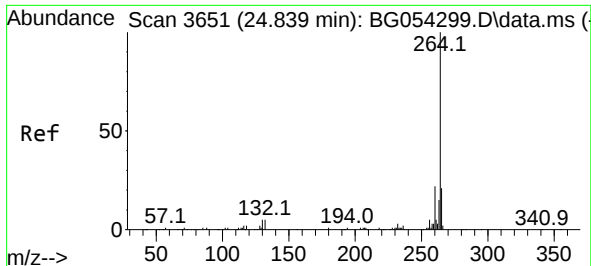
Tgt Ion:202 Resp: 22976
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 17.1 14.6 21.8



#79
Terphenyl-d14
Concen: 78.766 ng
RT: 19.983 min Scan# 2892
Delta R.T. 0.003 min
Lab File: BG054488.D
Acq: 2 Aug 2022 18:14

Tgt Ion:244 Resp: 579103
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.1 5.0 7.4#

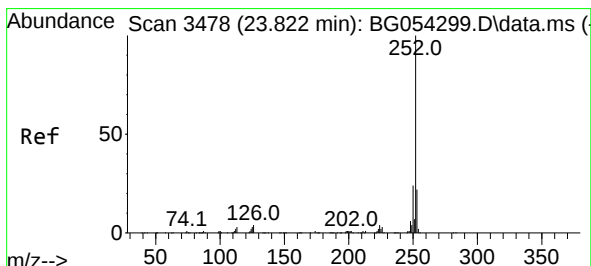
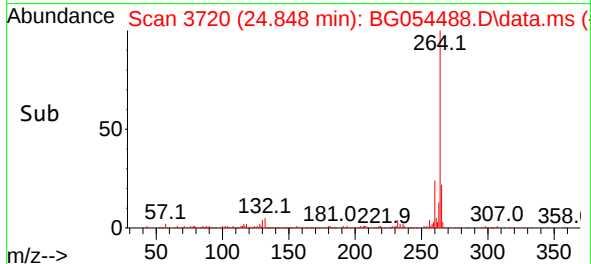
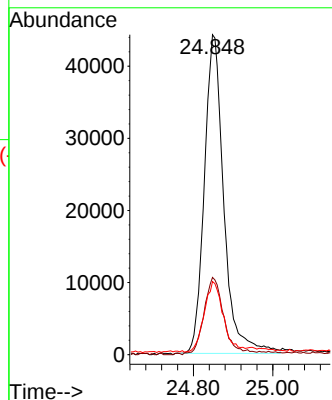
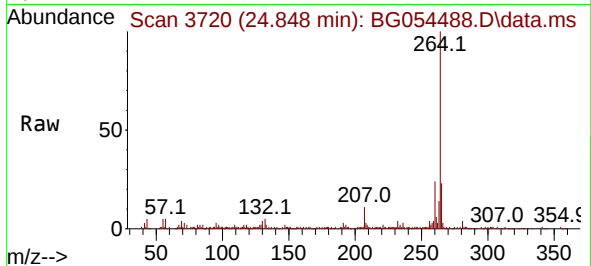




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.848 min Scan# 31
 Delta R.T. 0.015 min
 Lab File: BG054488.D
 Acq: 2 Aug 2022 18:14

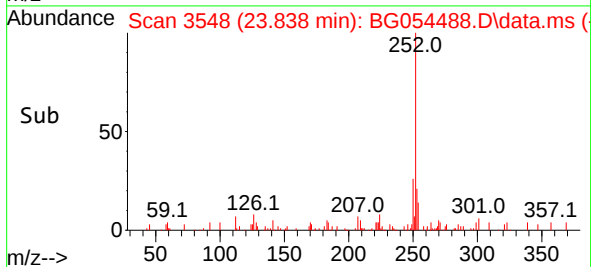
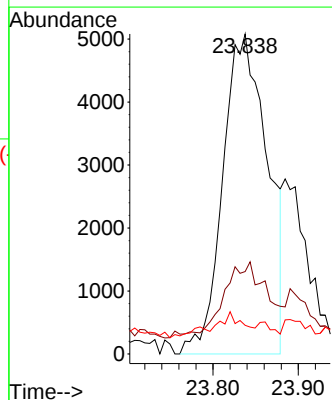
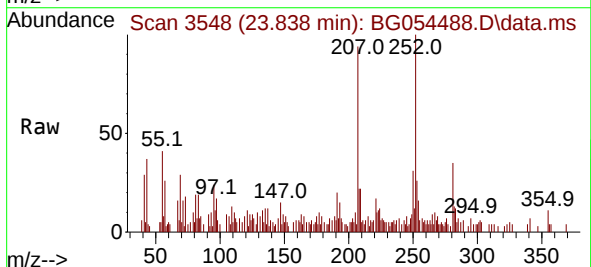
Instrument :
 BNA_G
 ClientSampleId :
 RVE-37

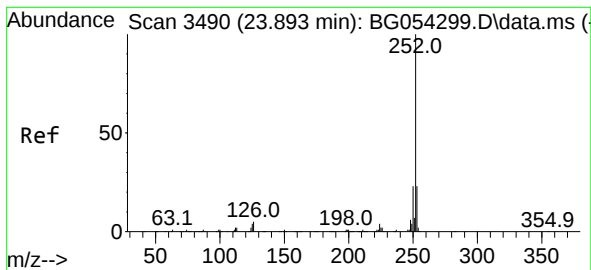
Tgt Ion:264 Resp: 150478
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.9 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 2.073 ng
 RT: 23.838 min Scan# 3548
 Delta R.T. 0.015 min
 Lab File: BG054488.D
 Acq: 2 Aug 2022 18:14

Tgt Ion:252 Resp: 18446
 Ion Ratio Lower Upper
 252 100
 253 25.7 18.0 27.0
 125 8.9 4.6 6.8#





#89

Benzo(k)fluoranthene

Concen: 2.083 ng

RT: 23.838 min Scan# 31

Delta R.T. -0.050 min

Lab File: BG054488.D

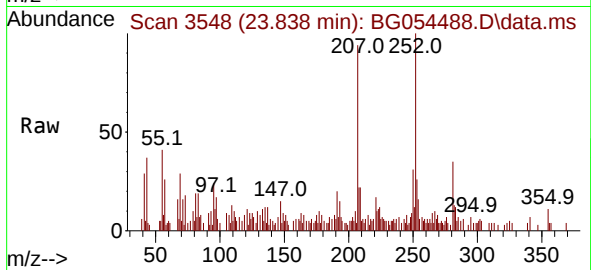
Acq: 2 Aug 2022 18:14

Instrument :

BNA_G

ClientSampleId :

RVE-37



Tgt Ion:252 Resp: 18446

Ion Ratio Lower Upper

252 100

253 25.7 18.4 27.6

125 8.9 4.8 7.2#

