

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054489.D
 Acq On : 2 Aug 2022 18:56
 Operator : CG/JU
 Sample : N3895-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-57

Quant Time: Aug 03 04:14:30 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)

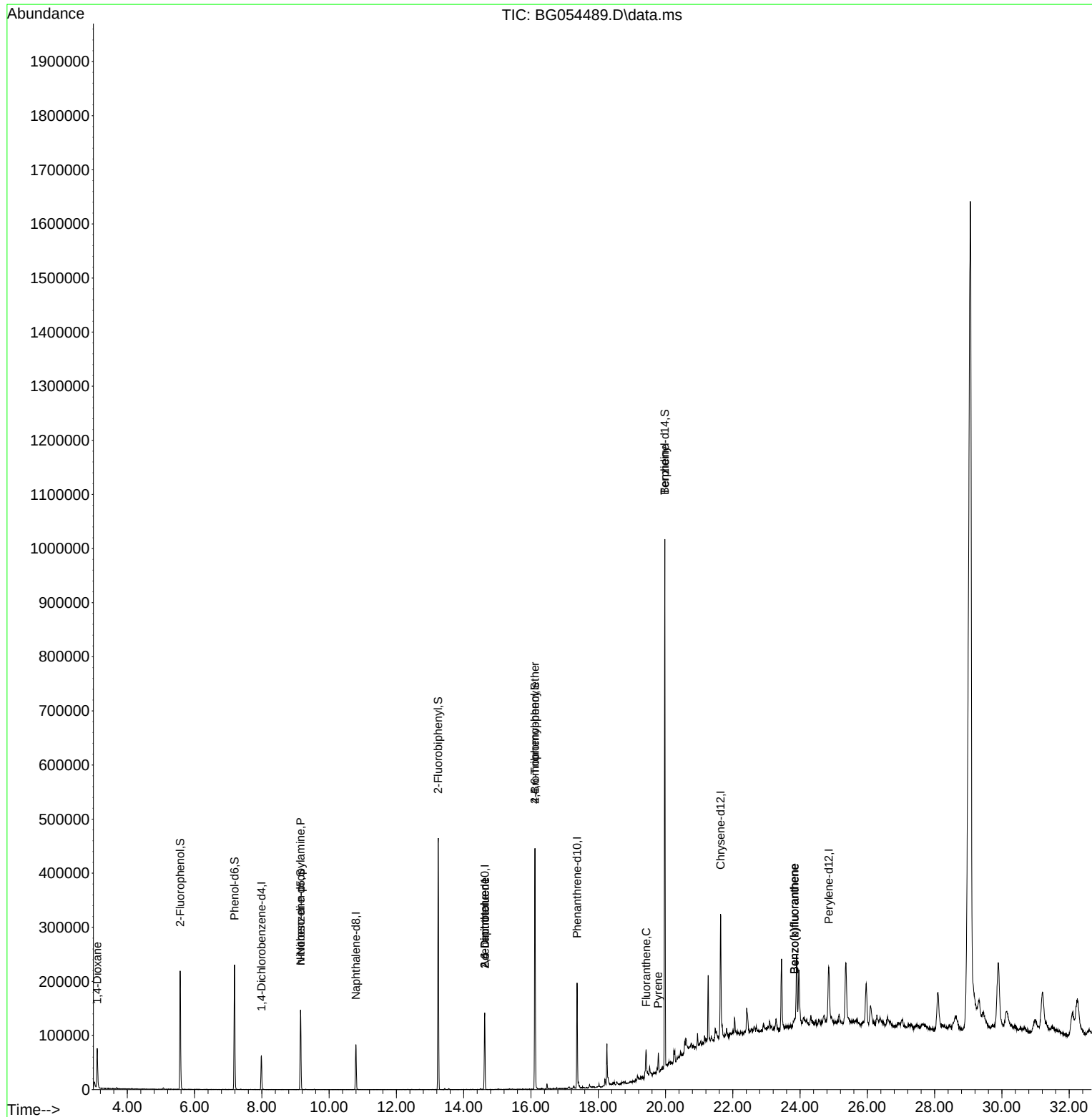
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	20039	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	76669	20.000	ng	# 0.00
39) Acenaphthene-d10	14.626	164	57043	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	137075	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	153710	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	145505	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	100519	104.732	ng	0.01
7) Phenol-d6	7.188	99	134630	102.370	ng	0.02
23) Nitrobenzene-d5	9.150	82	91158	64.748	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	120553	100.655	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	275675	68.175	ng	0.00
79) Terphenyl-d14	19.979	244	541988	69.950	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.105	88	917	2.402	ng	# 1
9) Benzaldehyde	7.188	77	141	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.150	70	12757	14.526	ng	# 77
51) 2,6-Dinitrotoluene	14.626	165	7843	8.025	ng	# 16
57) 2,4-Dinitrotoluene	14.626	165	7843	5.598	ng	# 21
67) 4-Bromophenyl-phenylether	16.119	248	7403	3.845	ng	# 1
75) Fluoranthene	19.427	202	24428	2.625	ng	94
77) Benzidine	19.979	184	7304	2.624	ng	# 89
78) Pyrene	19.785	202	25617	2.905	ng	95
88) Benzo(b)fluoranthene	23.833	252	21609	2.511	ng	# 85
89) Benzo(k)fluoranthene	23.833	252	21609	2.523	ng	# 86

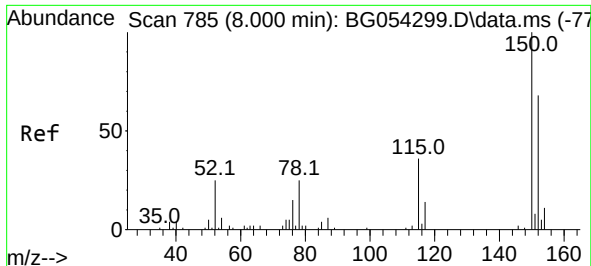
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
Data File : BG054489.D
Acq On : 2 Aug 2022 18:56
Operator : CG/JU
Sample : N3895-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-57

Quant Time: Aug 03 04:14:30 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

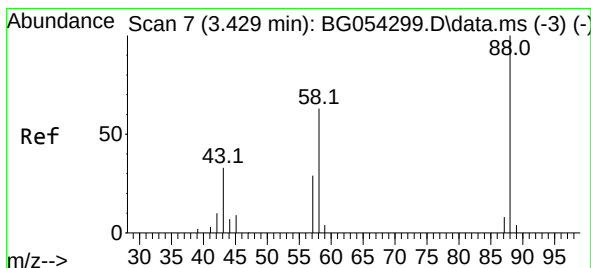
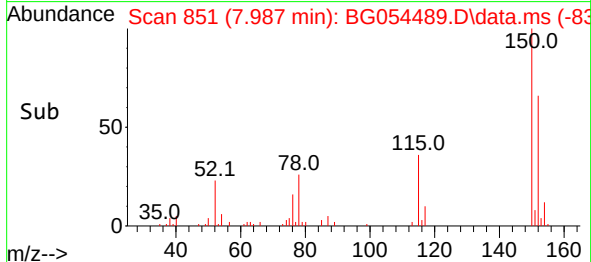
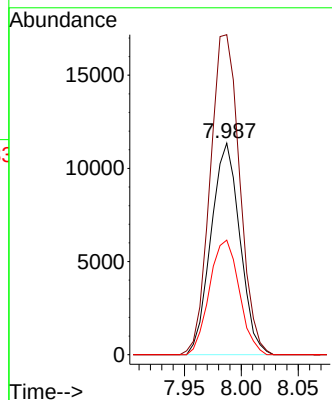
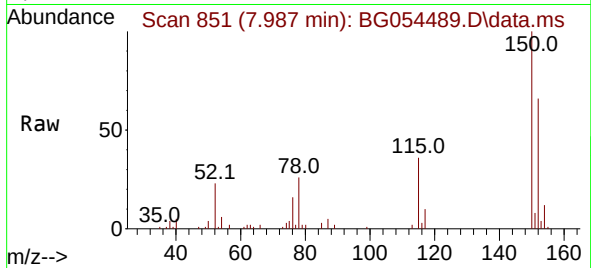




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.987 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG054489.D
 Acq: 2 Aug 2022 18:56

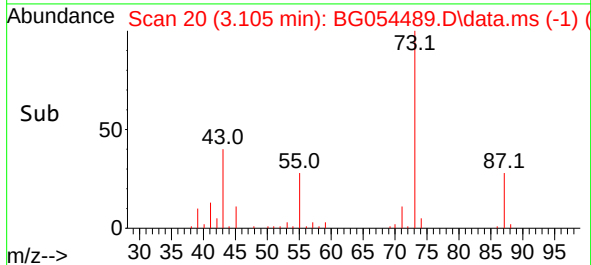
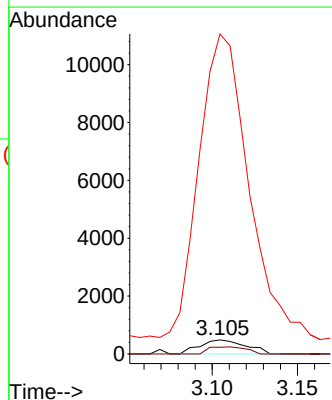
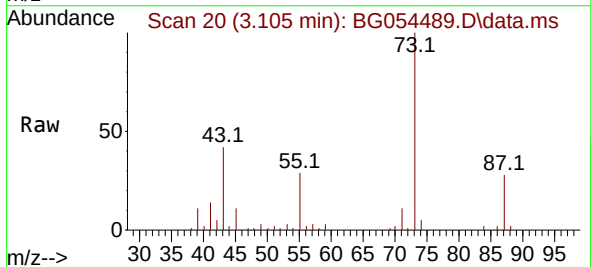
Instrument :
 BNA_G
 ClientSampleId :
 RVE-57

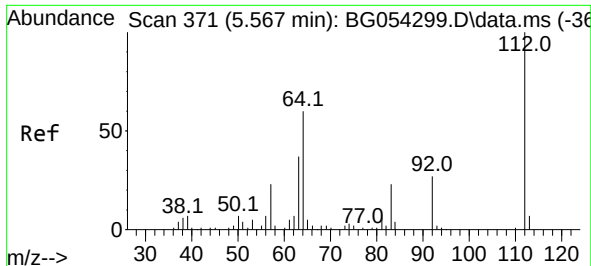
Tgt Ion:152 Resp: 20039
 Ion Ratio Lower Upper
 152 100
 150 151.2 131.6 197.4
 115 54.1 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.402 ng
 RT: 3.105 min Scan# 20
 Delta R.T. -0.313 min
 Lab File: BG054489.D
 Acq: 2 Aug 2022 18:56

Tgt Ion: 88 Resp: 917
 Ion Ratio Lower Upper
 88 100
 58 40.9 59.2 88.8#
 43 2425.3 24.3 36.5#

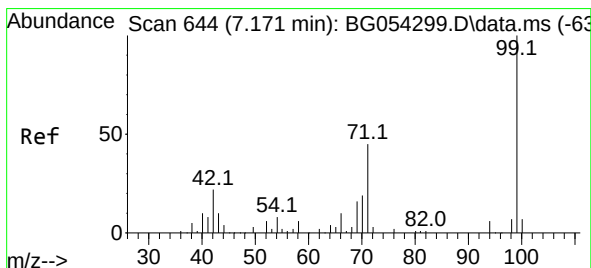
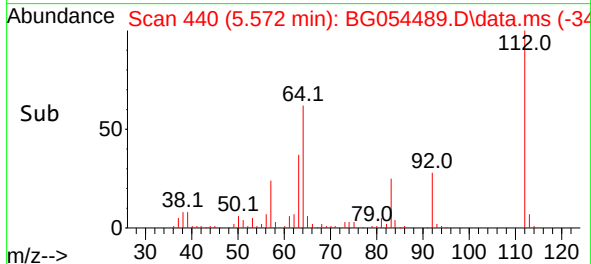
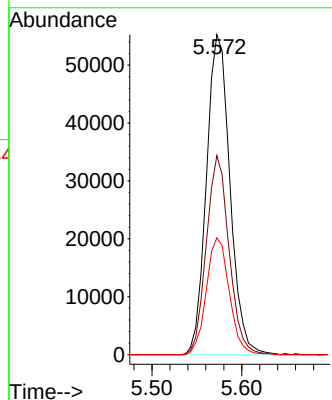
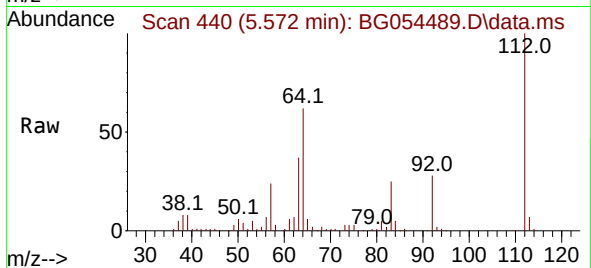




#5
2-Fluorophenol
Concen: 104.732 ng
RT: 5.572 min Scan# 41
Delta R.T. 0.010 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

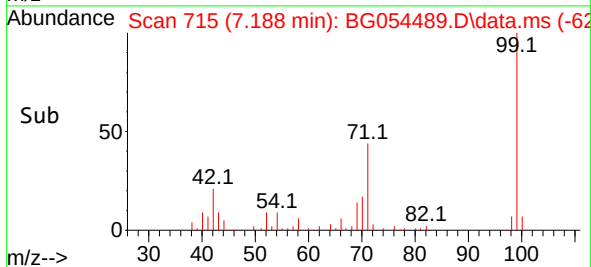
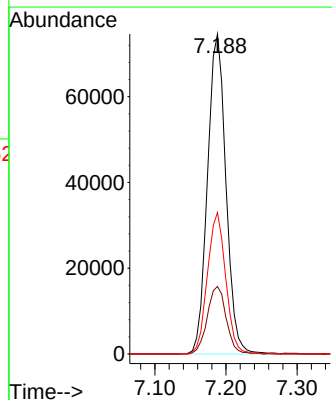
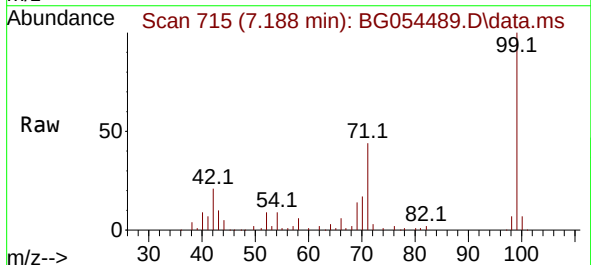
Instrument :
BNA_G
ClientSampleId :
RVE-57

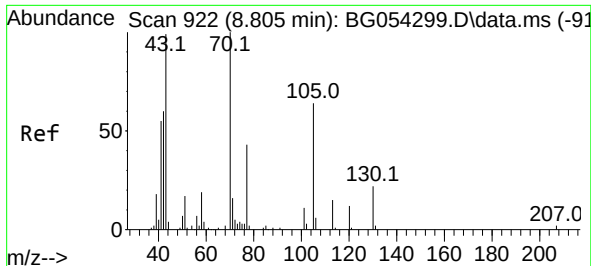
Tgt Ion:112 Resp: 100519
Ion Ratio Lower Upper
112 100
64 62.2 55.1 82.7
63 36.5 30.4 45.6



#7
Phenol-d6
Concen: 102.370 ng
RT: 7.188 min Scan# 715
Delta R.T. 0.016 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion: 99 Resp: 134630
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 44.2 33.8 50.8

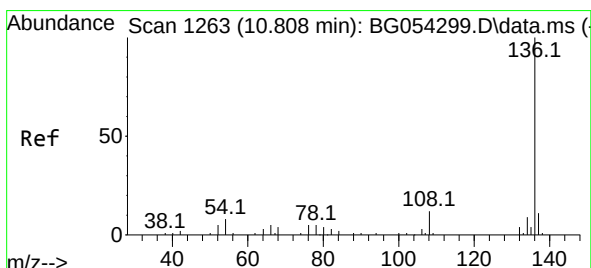
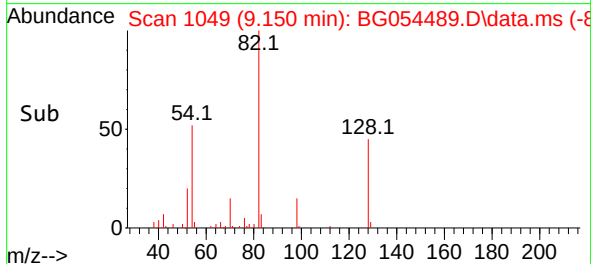
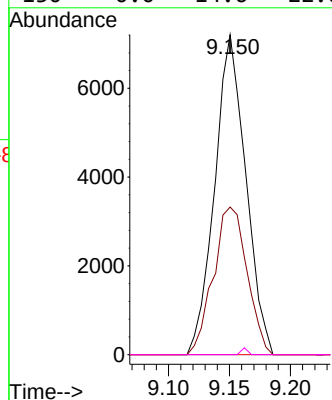
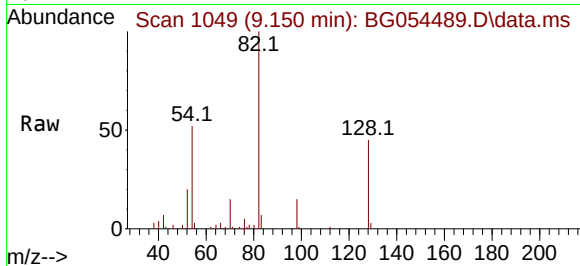




#19
n-Nitroso-di-n-propylamine
Concen: 14.526 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.357 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

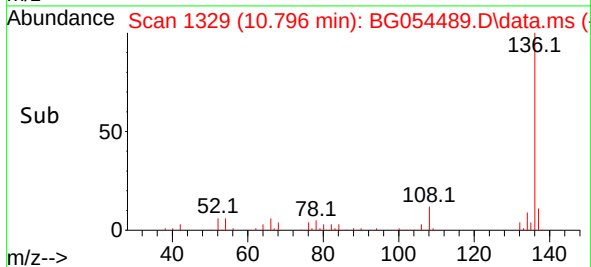
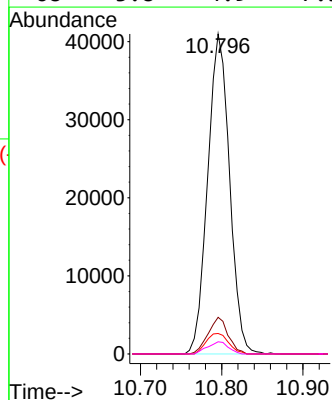
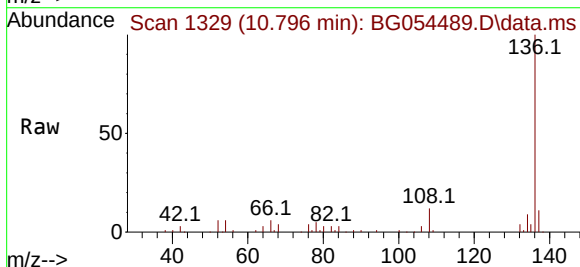
Instrument :
BNA_G
ClientSampleId :
RVE-57

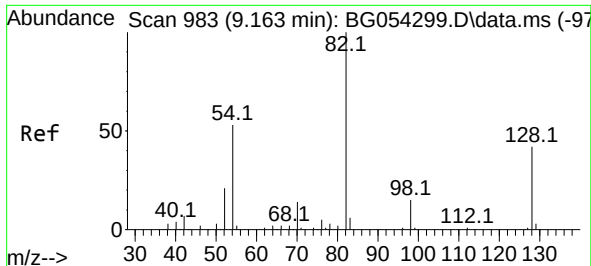
Tgt Ion: 70 Resp: 12757
Ion Ratio Lower Upper
70 100
42 46.2 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion: 136 Resp: 76669
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 6.4 7.4 11.2#
68 3.8 4.9 7.3#

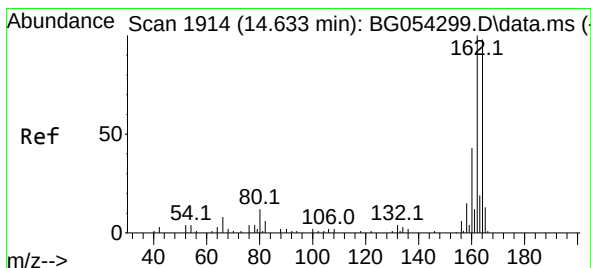
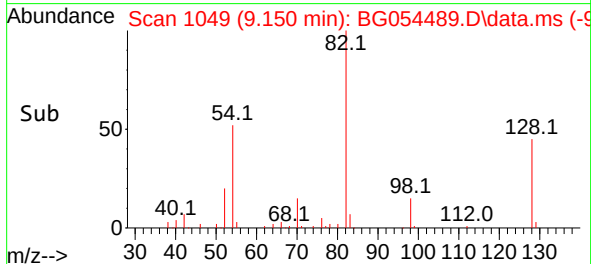
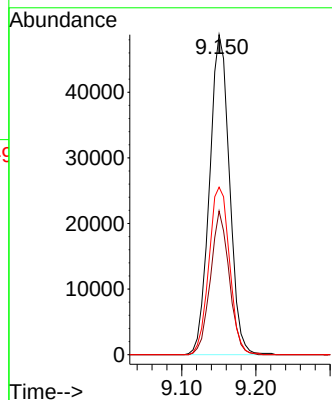
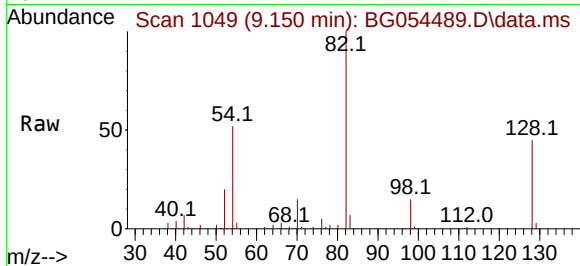




#23
Nitrobenzene-d5
Concen: 64.748 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

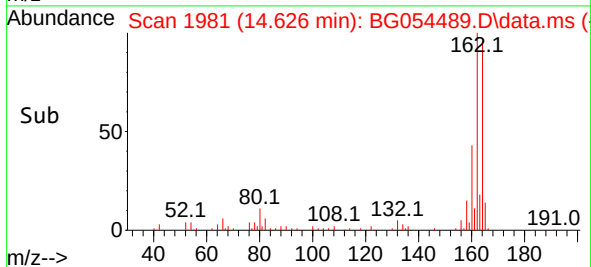
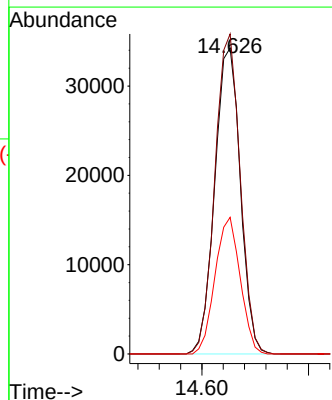
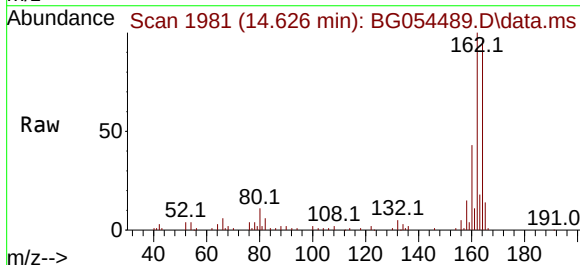
Instrument :
BNA_G
ClientSampleId :
RVE-57

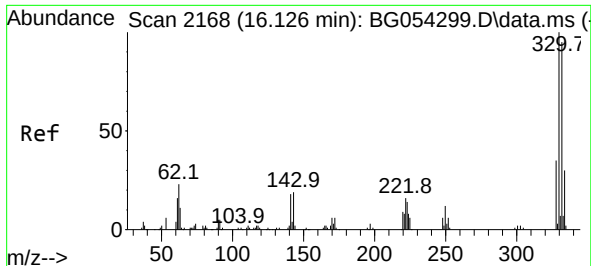
Tgt Ion: 82 Resp: 91158
Ion Ratio Lower Upper
82 100
128 44.9 27.9 41.9#
54 52.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1981
Delta R.T. 0.005 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:164 Resp: 57043
Ion Ratio Lower Upper
164 100
162 104.6 82.3 123.5
160 44.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 100.655 ng

RT: 16.119 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG054489.D

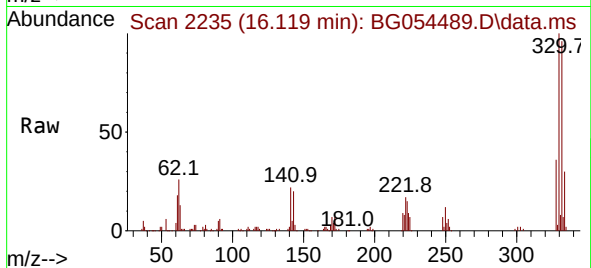
Acq: 2 Aug 2022 18:56

Instrument :

BNA_G

ClientSampleId :

RVE-57



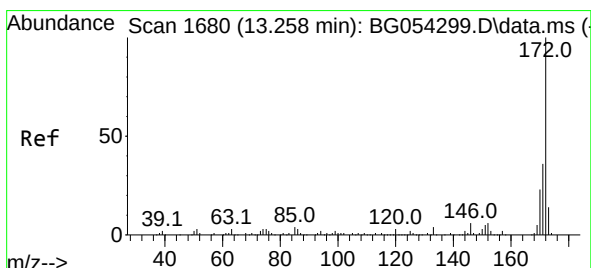
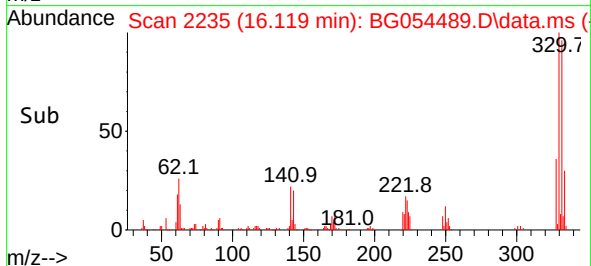
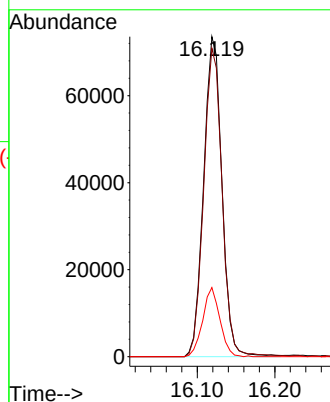
Tgt Ion:330 Resp: 120553

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 20.3 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 68.175 ng

RT: 13.246 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG054489.D

Acq: 2 Aug 2022 18:56

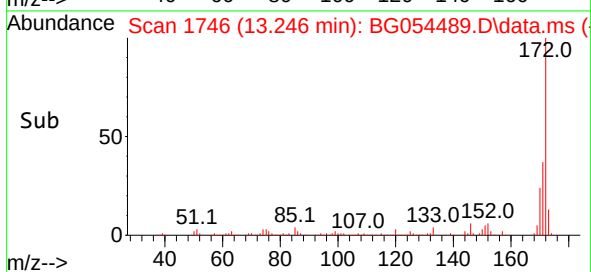
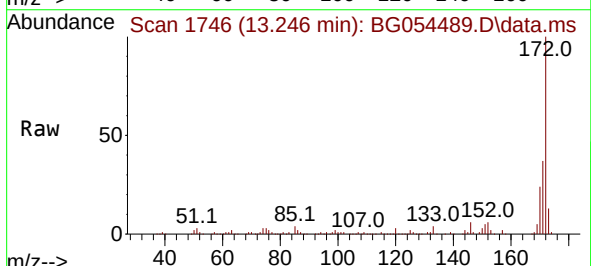
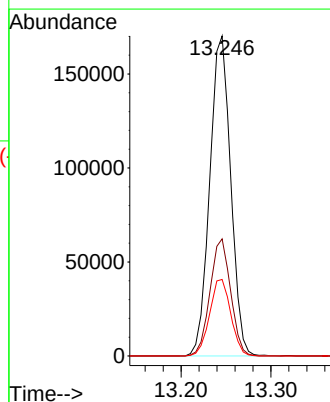
Tgt Ion:172 Resp: 275675

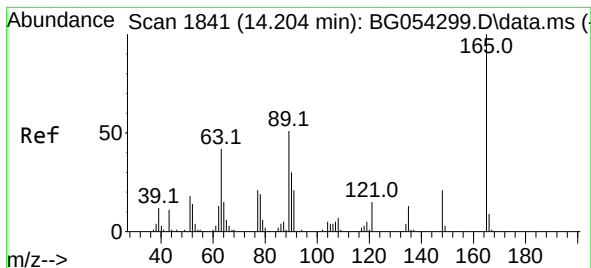
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 23.9 18.9 28.3

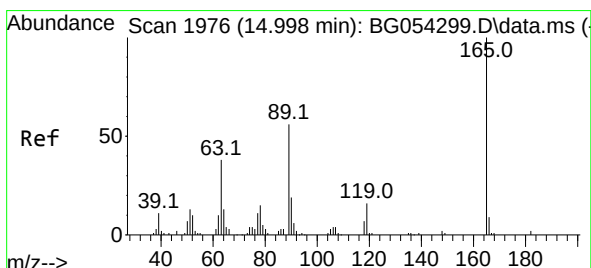
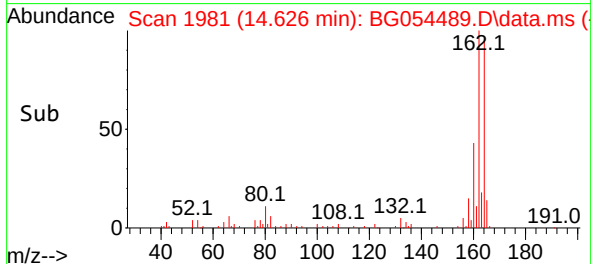
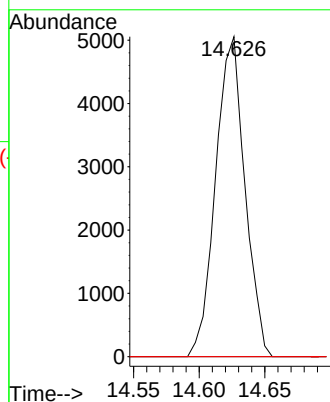
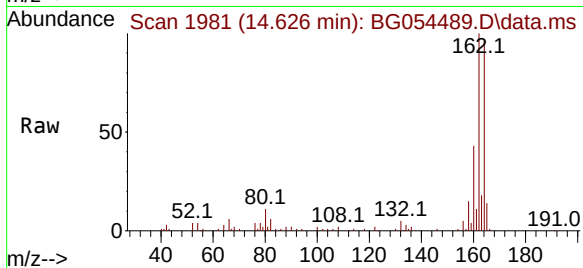




#51
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 14.626 min Scan# 1981
Delta R.T. 0.428 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

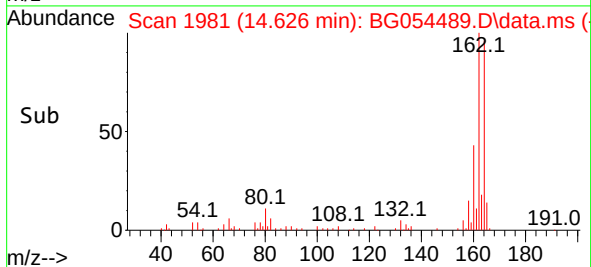
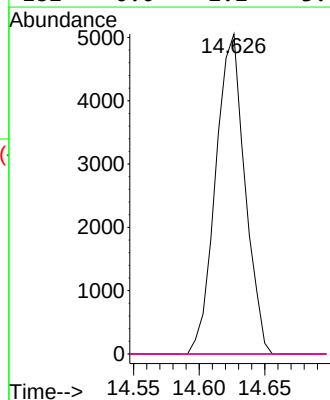
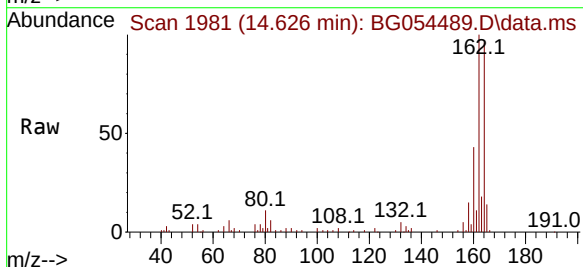
Instrument :
BNA_G
ClientSampleId :
RVE-57

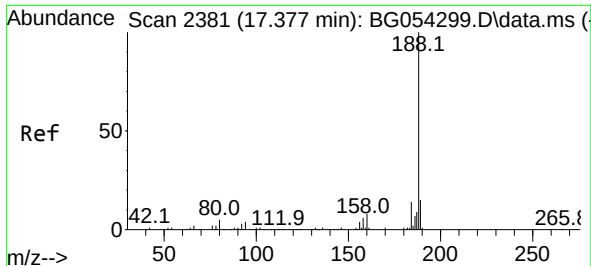
Tgt Ion:165 Resp: 7843
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.598 ng
RT: 14.626 min Scan# 1981
Delta R.T. -0.366 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:165 Resp: 7843
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#

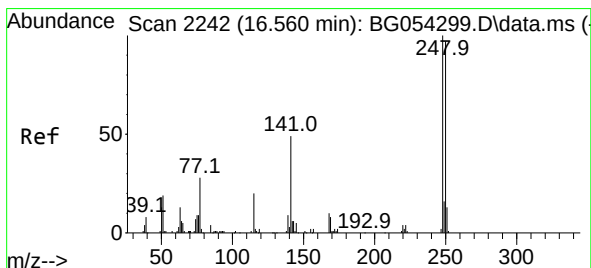
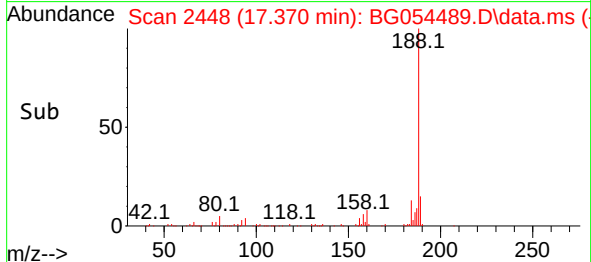
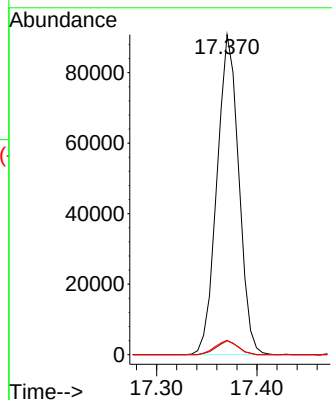
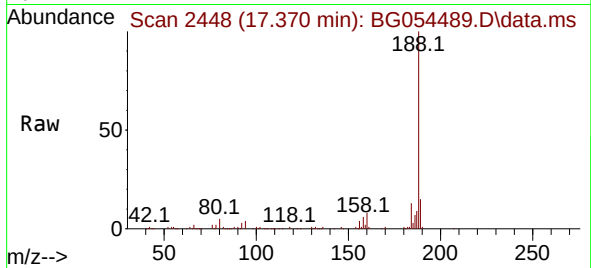




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

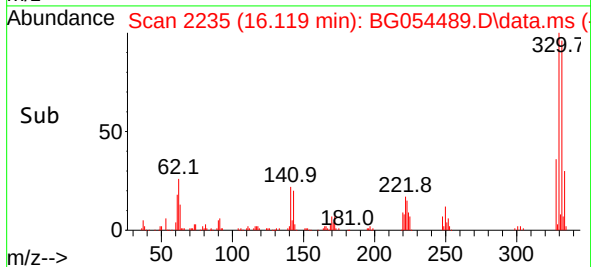
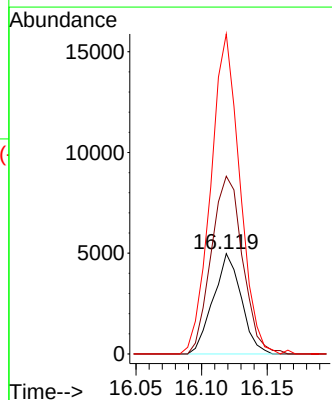
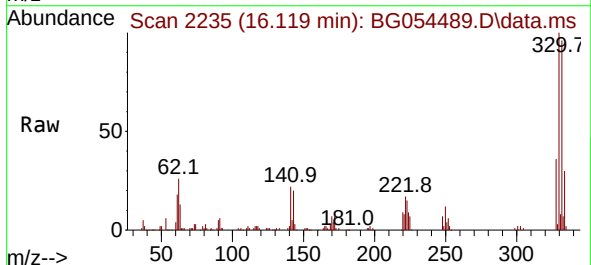
Instrument :
BNA_G
ClientSampleId :
RVE-57

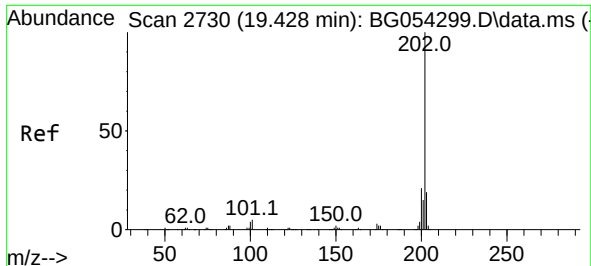
Tgt Ion:188 Resp: 137075
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.5 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.845 ng
RT: 16.119 min Scan# 2235
Delta R.T. -0.436 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:248 Resp: 7403
Ion Ratio Lower Upper
248 100
250 138.1 75.2 112.8#
141 248.6 50.0 75.0#

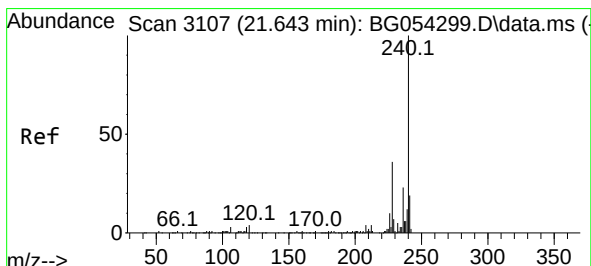
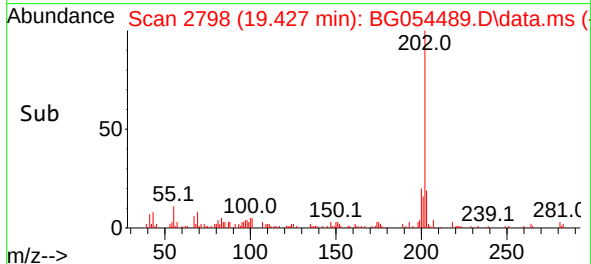
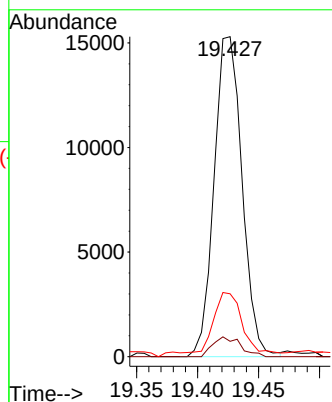
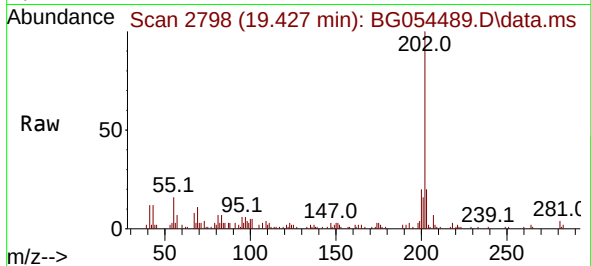




#75
Fluoranthene
Concen: 2.625 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

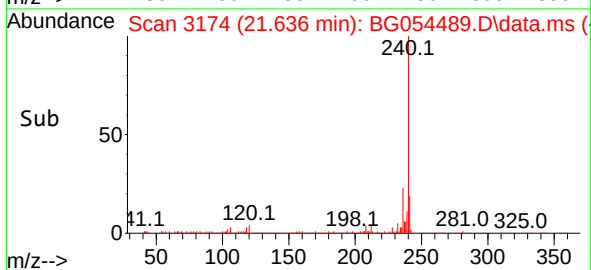
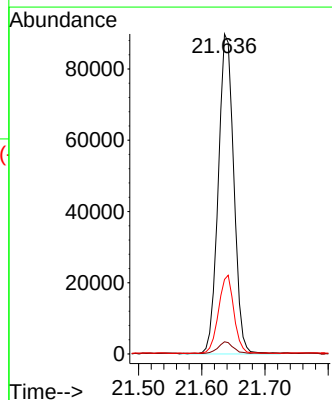
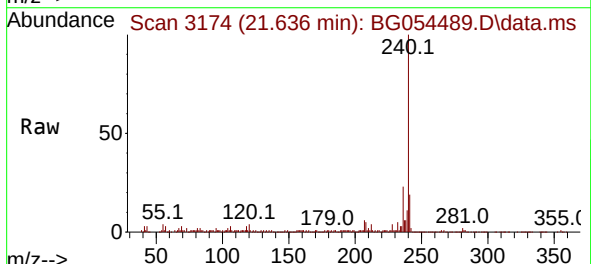
Instrument :
BNA_G
ClientSampleId :
RVE-57

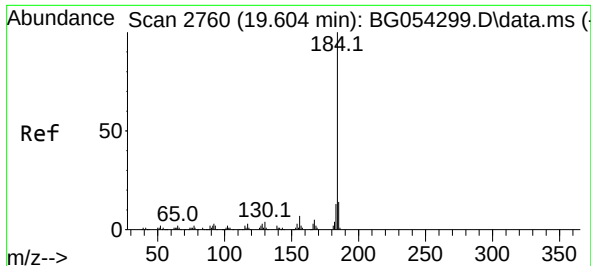
Tgt Ion:202 Resp: 24428
Ion Ratio Lower Upper
202 100
101 4.8 0.0 26.9
203 19.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:240 Resp: 153710
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 23.3 20.2 30.4

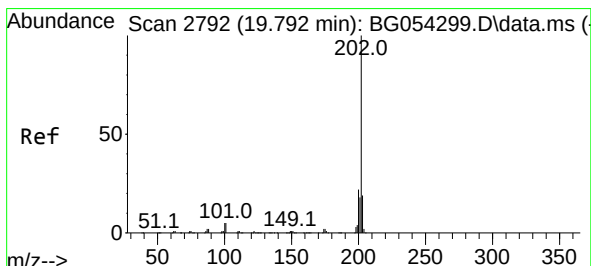
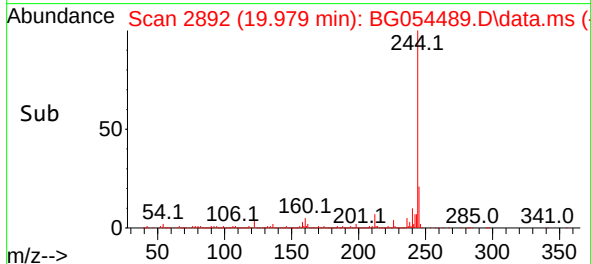
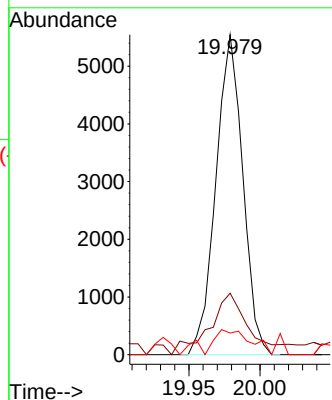
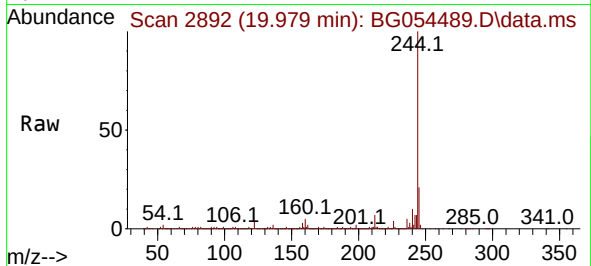




#77
Benzidine
Concen: 2.624 ng
RT: 19.979 min Scan# 2892
Delta R.T. 0.381 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

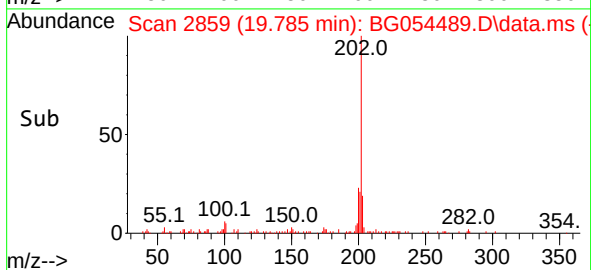
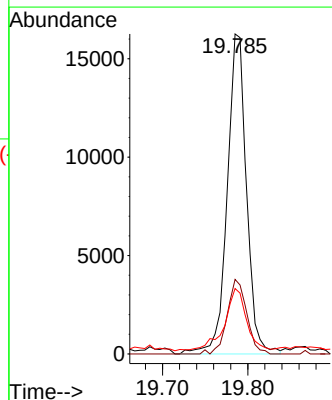
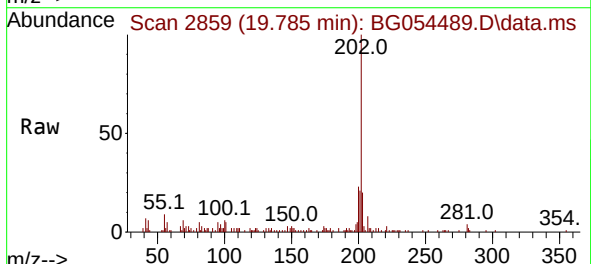
Instrument :
BNA_G
ClientSampleId :
RVE-57

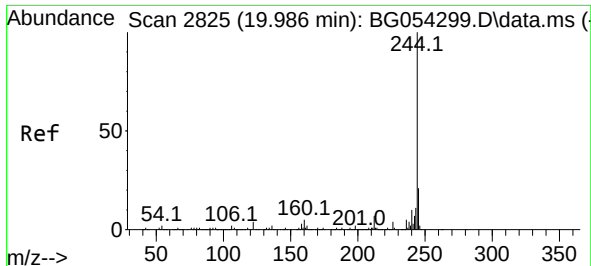
Tgt Ion:184 Resp: 7304
Ion Ratio Lower Upper
184 100
185 19.2 11.8 17.6#
183 6.8 8.9 13.3#



#78
Pyrene
Concen: 2.905 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:202 Resp: 25617
Ion Ratio Lower Upper
202 100
200 23.3 16.6 24.8
203 20.4 14.6 21.8

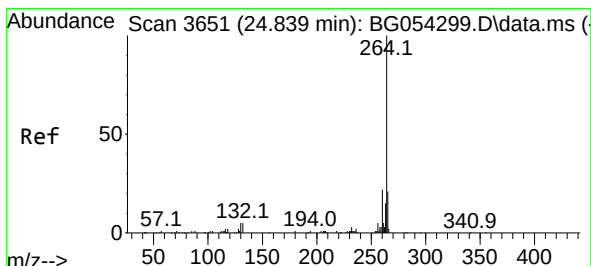
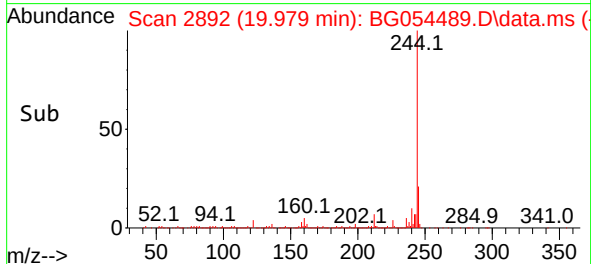
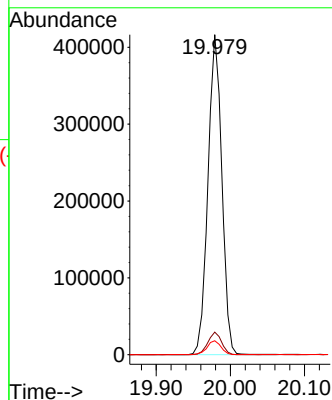
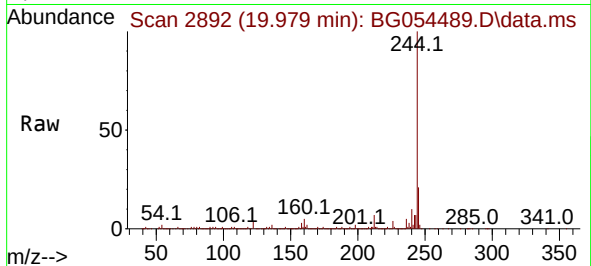




#79
 Terphenyl-d14
 Concen: 69.950 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054489.D
 Acq: 2 Aug 2022 18:56

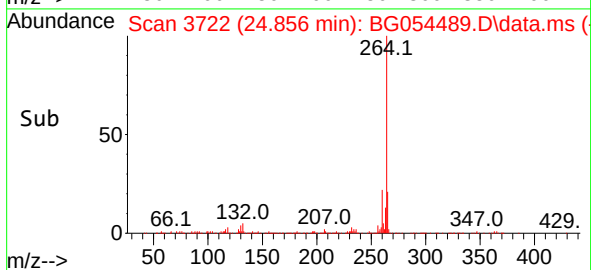
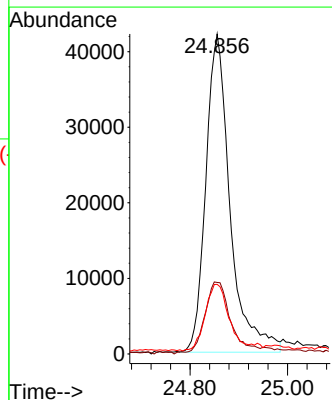
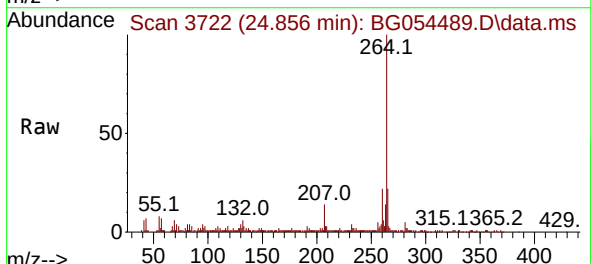
Instrument :
 BNA_G
 ClientSampleId :
 RVE-57

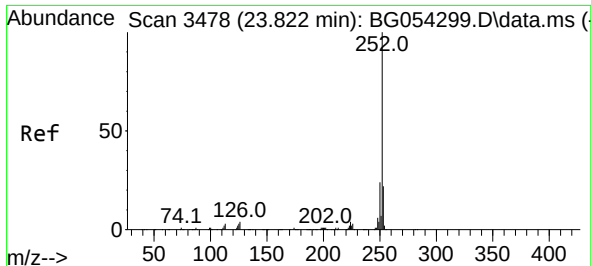
Tgt Ion:244 Resp: 541988
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.856 min Scan# 3722
 Delta R.T. 0.022 min
 Lab File: BG054489.D
 Acq: 2 Aug 2022 18:56

Tgt Ion:264 Resp: 145505
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.8 17.4 26.2

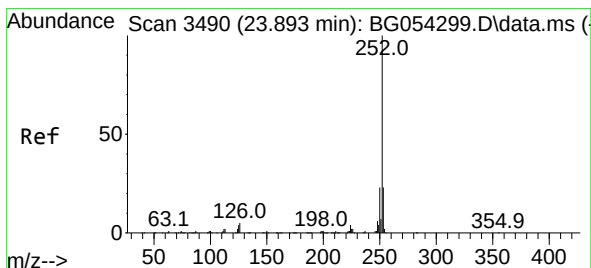
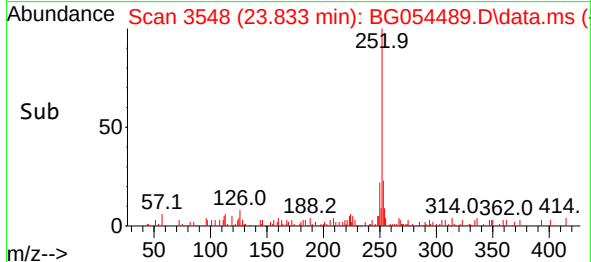
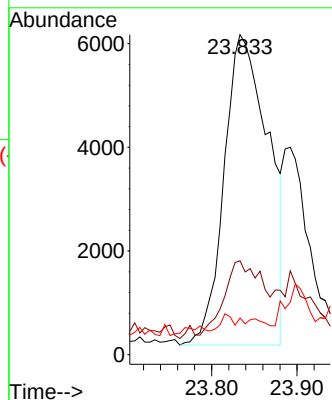
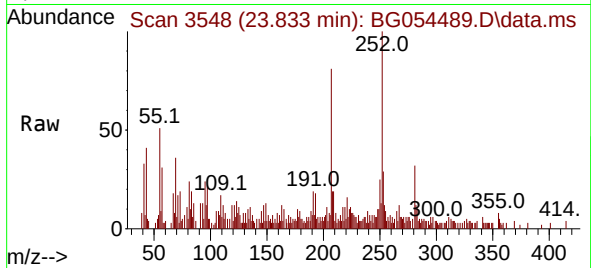




#88
Benzo(b)fluoranthene
Concen: 2.511 ng
RT: 23.833 min Scan# 3548
Delta R.T. 0.010 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Instrument :
BNA_G
ClientSampleId :
RVE-57

Tgt Ion:252 Resp: 21609
Ion Ratio Lower Upper
252 100
253 29.3 18.0 27.0#
125 11.4 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 2.523 ng
RT: 23.833 min Scan# 3548
Delta R.T. -0.054 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:252 Resp: 21609
Ion Ratio Lower Upper
252 100
253 29.3 18.4 27.6#
125 11.4 4.8 7.2#

