

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
 Data File : BG054575.D
 Acq On : 9 Aug 2022 18:38
 Operator : CG/JU
 Sample : N3962-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-195

Quant Time: Aug 10 07:13:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

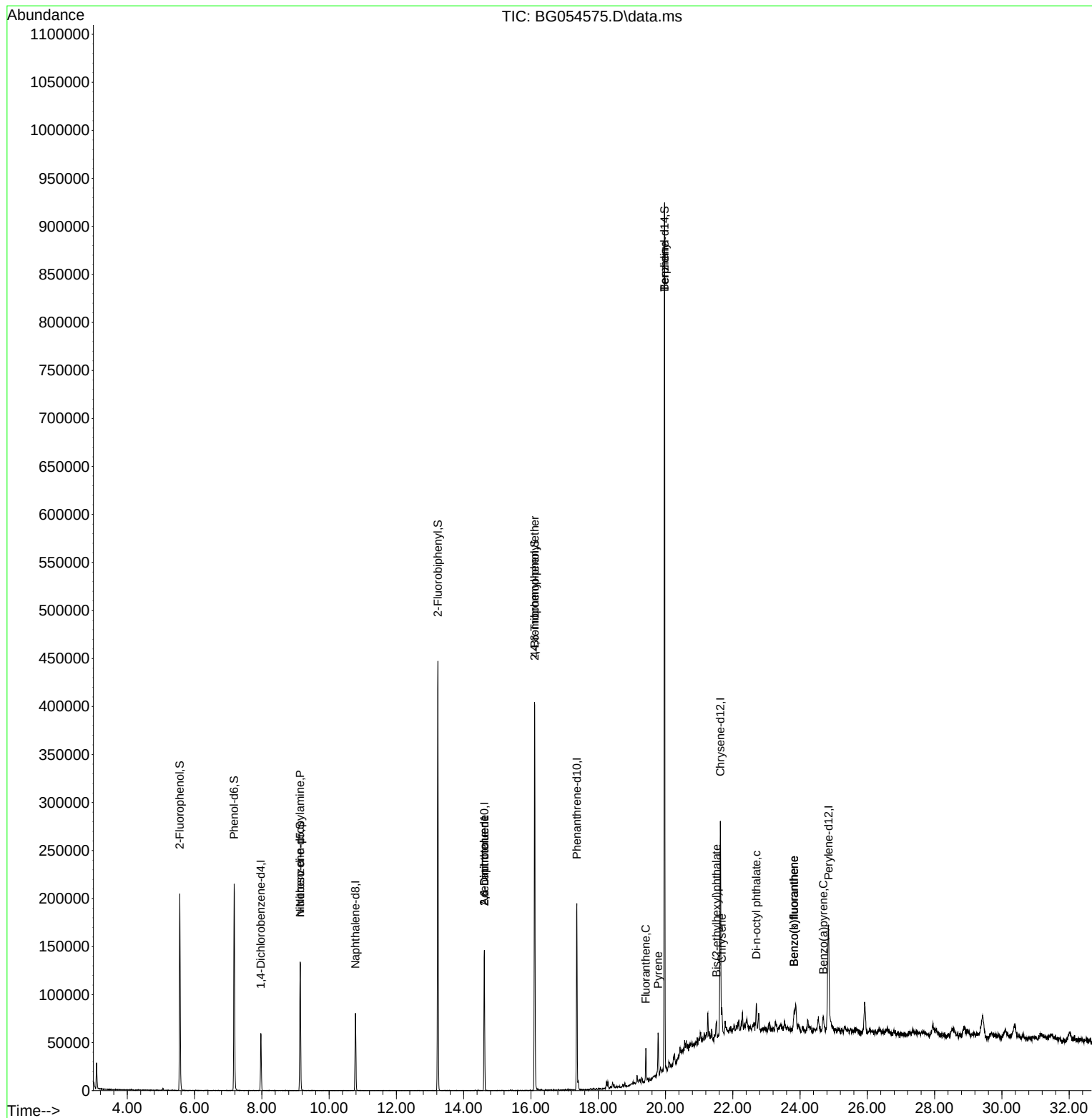
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	19302	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	73700	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	57533	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	140105	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	156262	20.000	ng	# 0.00
86) Perylene-d12	24.844	264	159688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	92140	99.667	ng	0.00
7) Phenol-d6	7.177	99	125635	99.178	ng	0.00
23) Nitrobenzene-d5	9.139	82	85897	63.469	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	112170	92.858	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	262063	64.257	ng	0.00
79) Terphenyl-d14	19.974	244	540818	68.659	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.171	77	173	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.139	70	12035	14.227	ng	# 81
51) 2,6-Dinitrotoluene	14.615	165	7955	8.071	ng	# 16
57) 2,4-Dinitrotoluene	14.615	165	7955	5.630	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	6544	3.326	ng	# 1
75) Fluoranthene	19.415	202	24872	2.615	ng	96
77) Benzidine	19.974	184	7439	2.629	ng	97
78) Pyrene	19.780	202	30903	3.447	ng	97
83) Chrysene	21.677	228	19794	2.112	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.519	149	14700	3.718	ng	# 64
85) Di-n-octyl phthalate	22.700	149	25335	3.756	ng	# 98
88) Benzo(b)fluoranthene	23.822	252	28008	2.966	ng	97
89) Benzo(k)fluoranthene	23.822	252	28008	2.980	ng	98
90) Benzo(a)pyrene	24.692	252	18132	2.248	ng	# 94

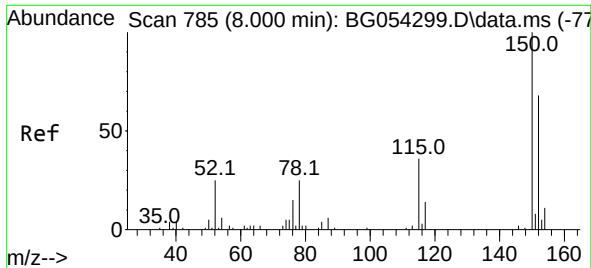
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054575.D
Acq On : 9 Aug 2022 18:38
Operator : CG/JU
Sample : N3962-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-195

Quant Time: Aug 10 07:13:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration

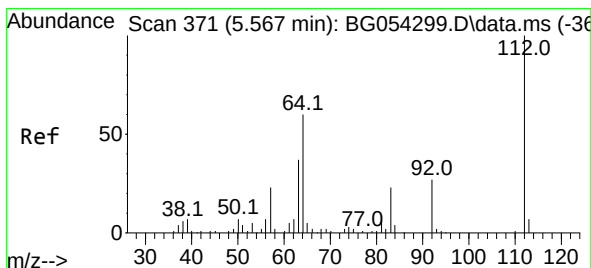
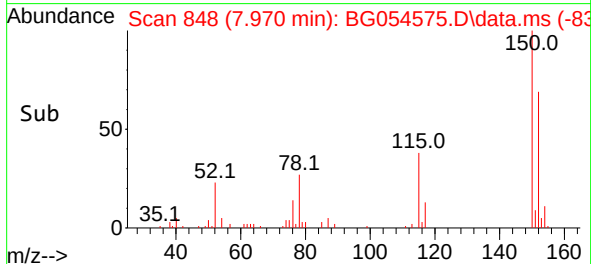
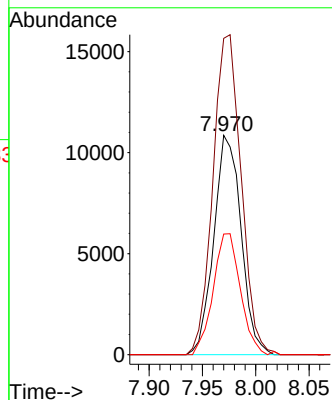
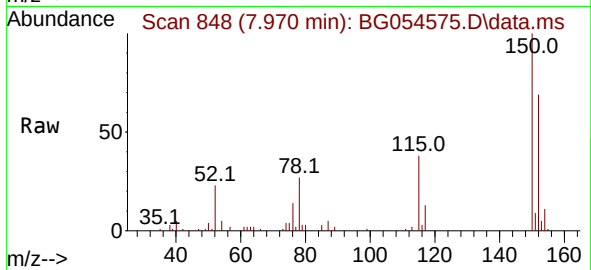




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.970 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

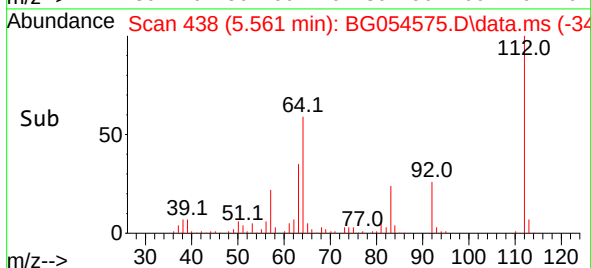
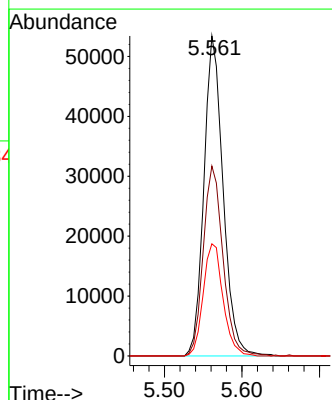
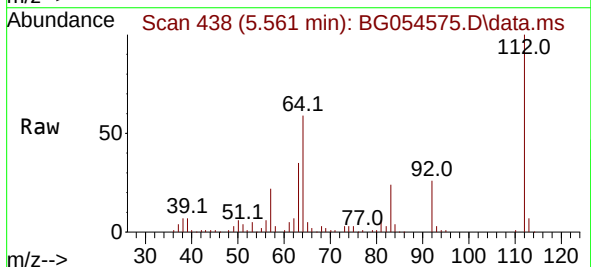
Instrument :
BNA_G
ClientSampleId :
RVE-195

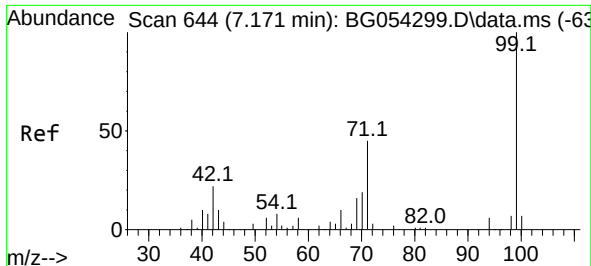
Tgt Ion:152 Resp: 19302
Ion Ratio Lower Upper
152 100
150 144.2 131.6 197.4
115 55.0 50.9 76.3



#5
2-Fluorophenol
Concen: 99.667 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:112 Resp: 92140
Ion Ratio Lower Upper
112 100
64 59.3 55.1 82.7
63 35.1 30.4 45.6

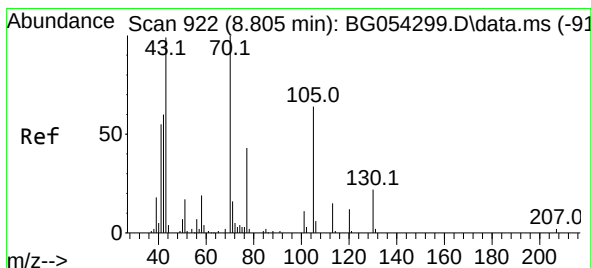
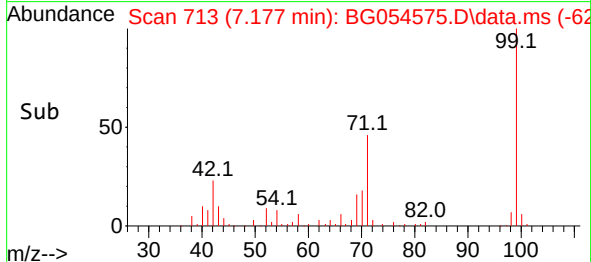
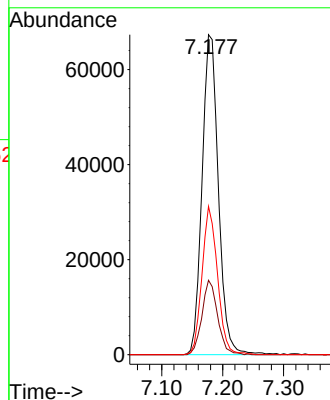
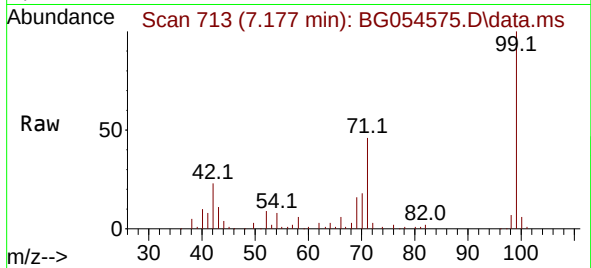




#7
Phenol-d6
Concen: 99.178 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

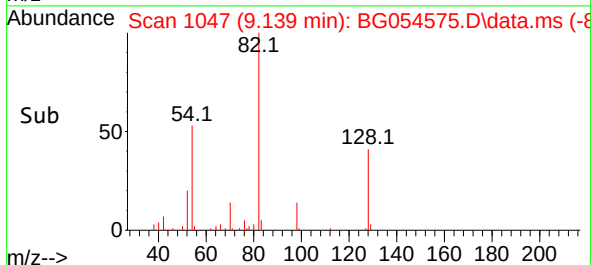
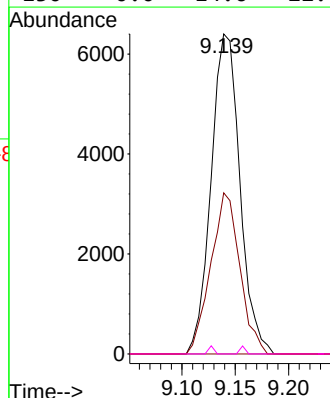
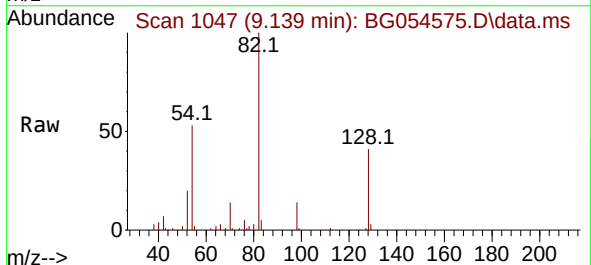
Instrument :
BNA_G
ClientSampleId :
RVE-195

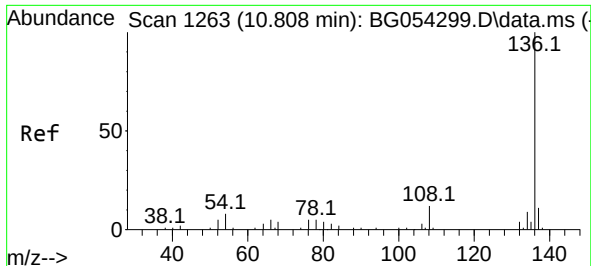
Tgt Ion: 99 Resp: 125635
Ion Ratio Lower Upper
99 100
42 23.3 17.0 25.6
71 46.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.227 ng
RT: 9.139 min Scan# 1047
Delta R.T. 0.356 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion: 70 Resp: 12035
Ion Ratio Lower Upper
70 100
42 50.3 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

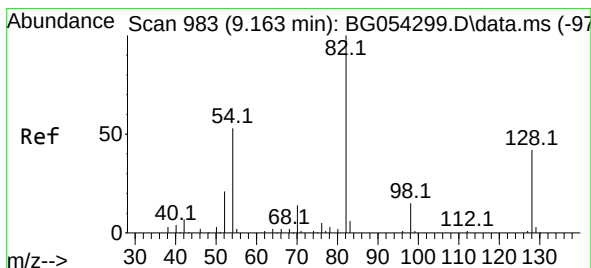
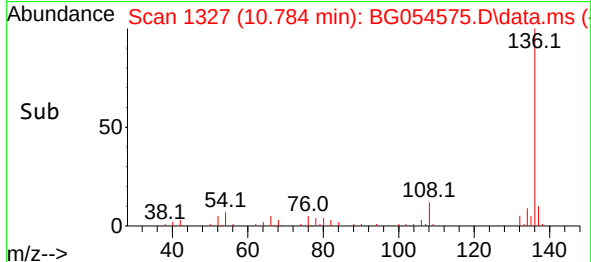
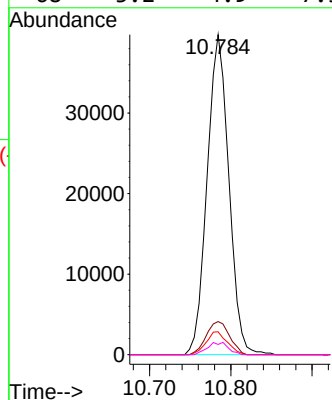
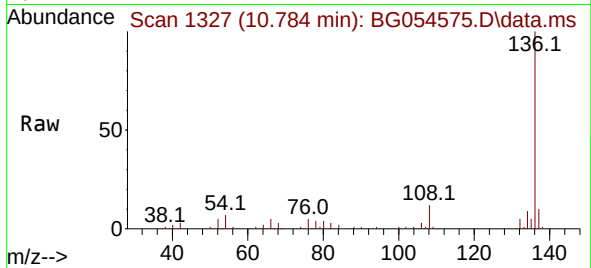




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

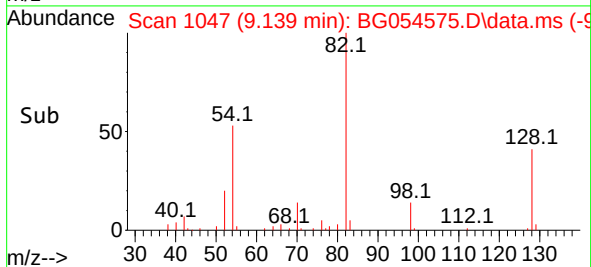
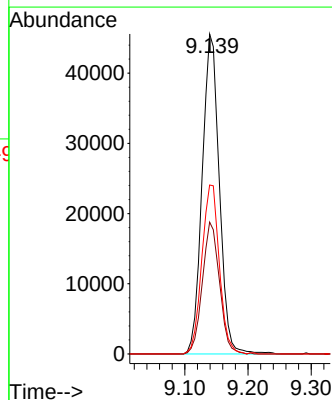
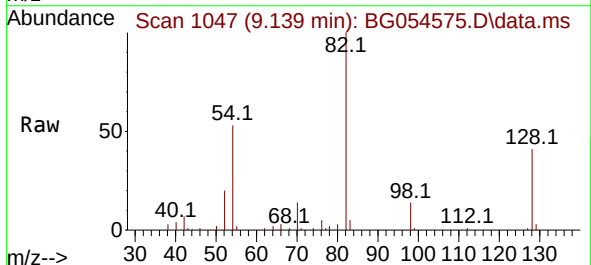
Instrument :
BNA_G
ClientSampleId :
RVE-195

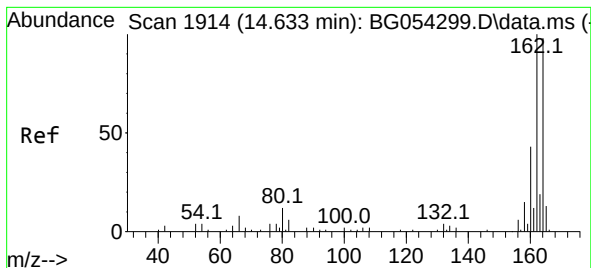
Tgt Ion:	136	Resp:	73700
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	7.2	7.4	11.2#
68	3.2	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 63.469 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:	82	Resp:	85897
Ion	Ratio	Lower	Upper
82	100		
128	41.2	27.9	41.9
54	52.8	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.615 min Scan# 1914

Delta R.T. -0.002 min

Lab File: BG054575.D

Acq: 9 Aug 2022 18:38

Instrument :

BNA_G

ClientSampleId :

RVE-195

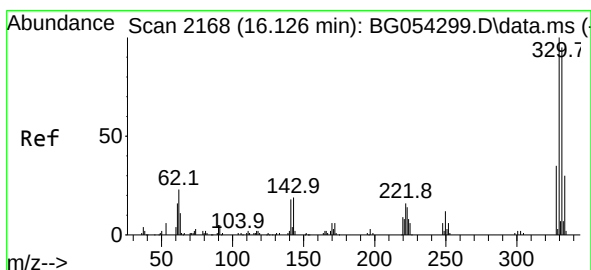
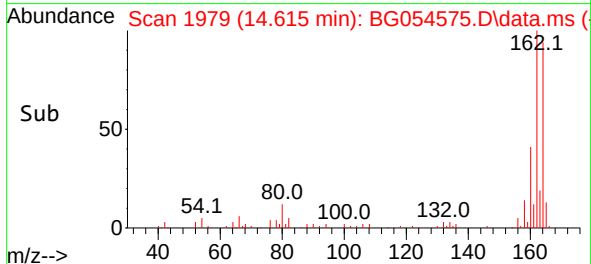
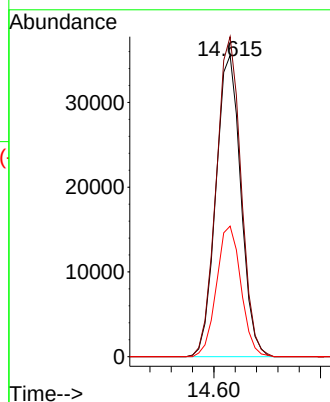
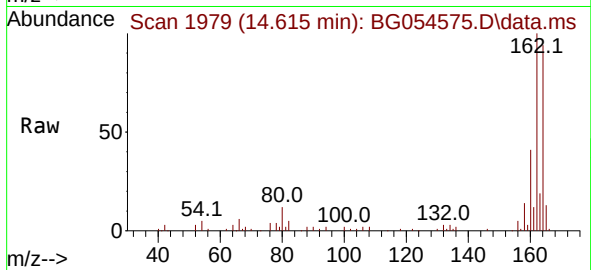
Tgt Ion:164 Resp: 57533

Ion Ratio Lower Upper

164 100

162 106.2 82.3 123.5

160 43.3 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 92.858 ng

RT: 16.113 min Scan# 2234

Delta R.T. -0.002 min

Lab File: BG054575.D

Acq: 9 Aug 2022 18:38

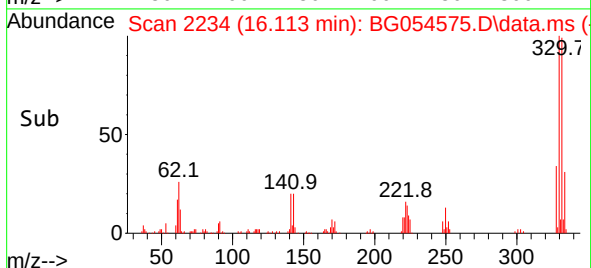
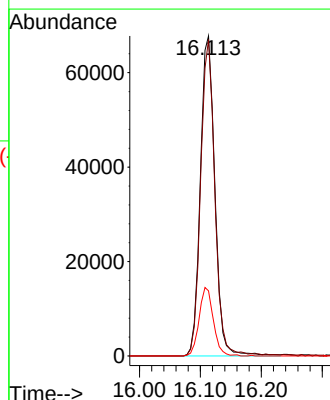
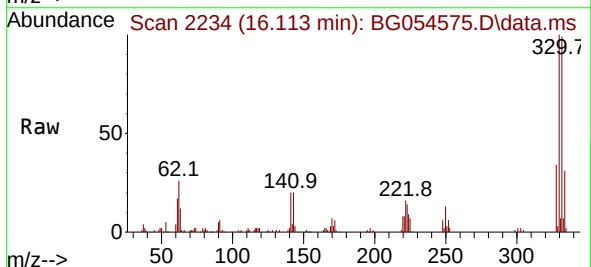
Tgt Ion:330 Resp: 112170

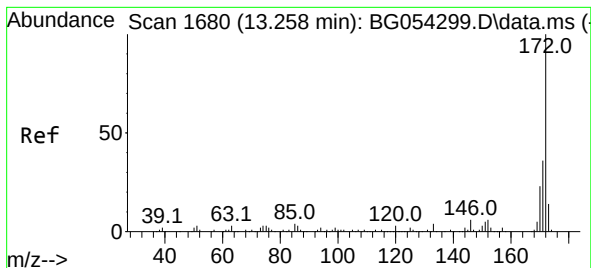
Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 20.9 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 64.257 ng

RT: 13.234 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054575.D

Acq: 9 Aug 2022 18:38

Instrument :

BNA_G

ClientSampleId :

RVE-195

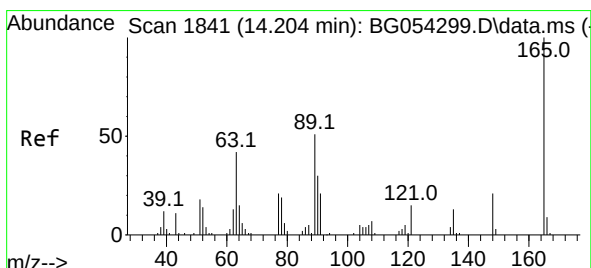
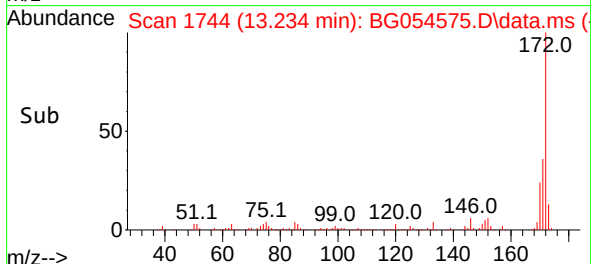
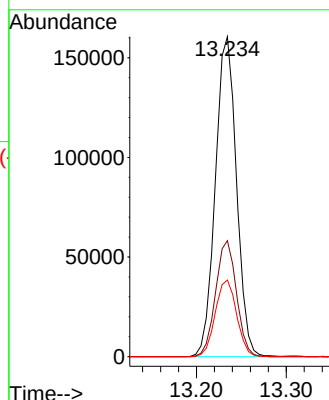
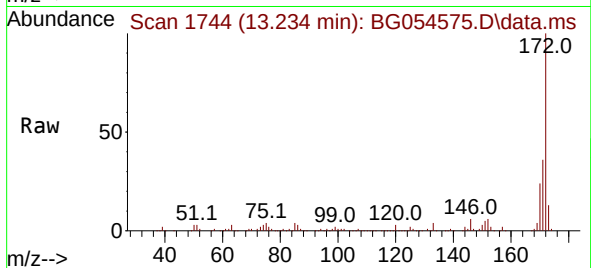
Tgt Ion:172 Resp: 262063

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.0 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.071 ng

RT: 14.615 min Scan# 1979

Delta R.T. 0.421 min

Lab File: BG054575.D

Acq: 9 Aug 2022 18:38

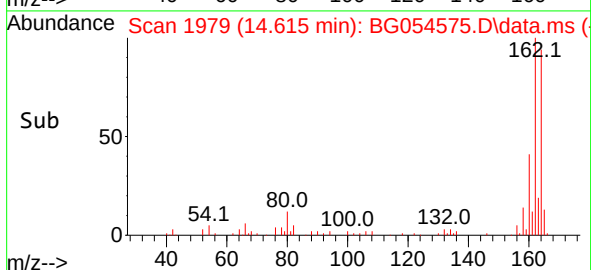
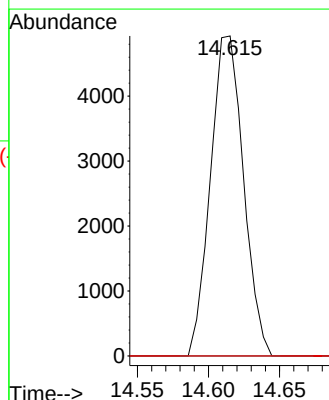
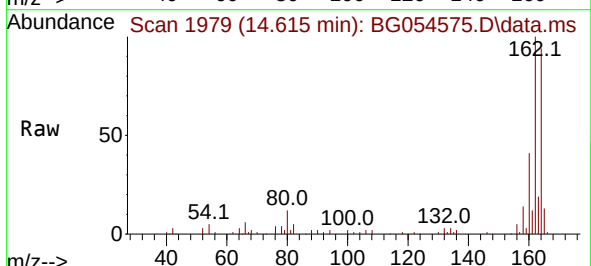
Tgt Ion:165 Resp: 7955

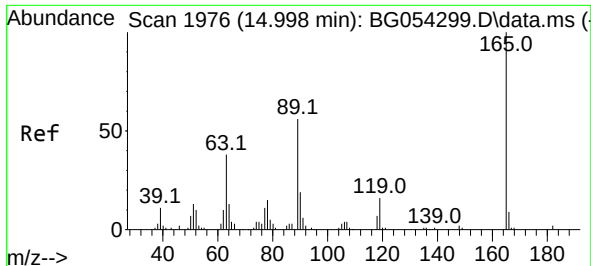
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

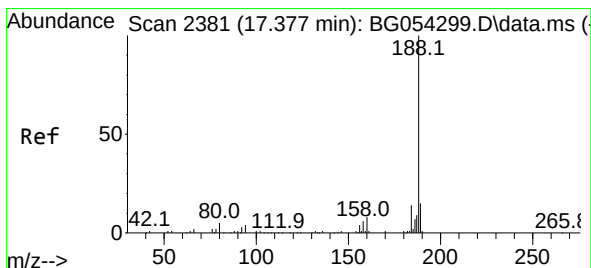
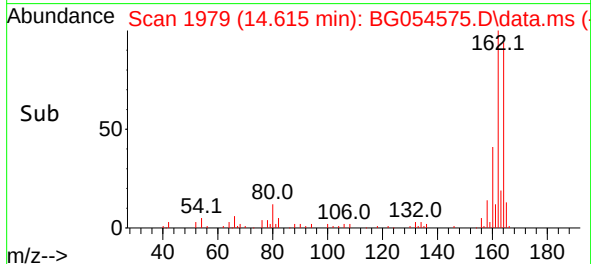
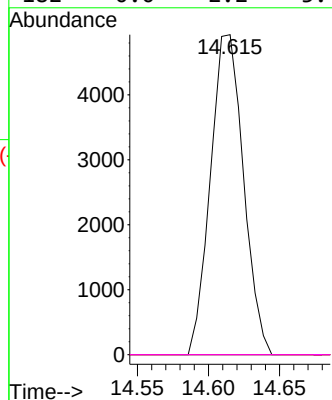
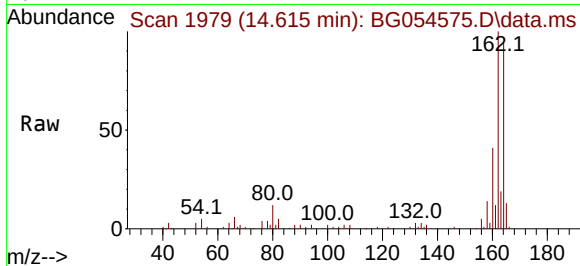




#57
2,4-Dinitrotoluene
Concen: 5.630 ng
RT: 14.615 min Scan# 14
Delta R.T. -0.378 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

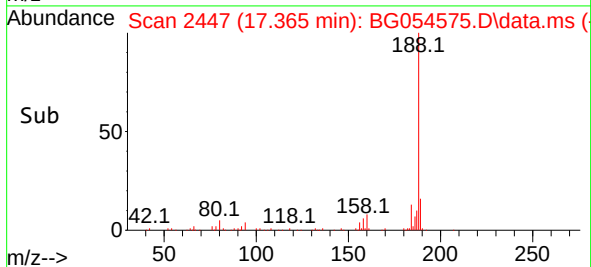
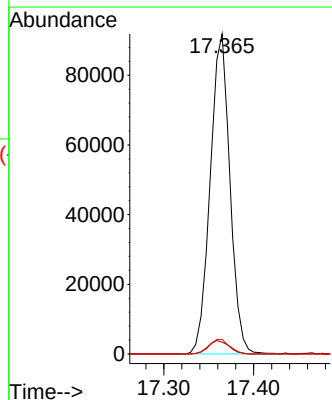
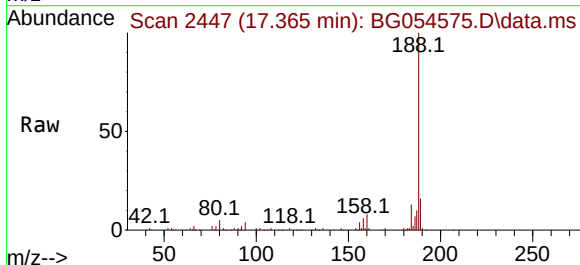
Instrument :
BNA_G
ClientSampleId :
RVE-195

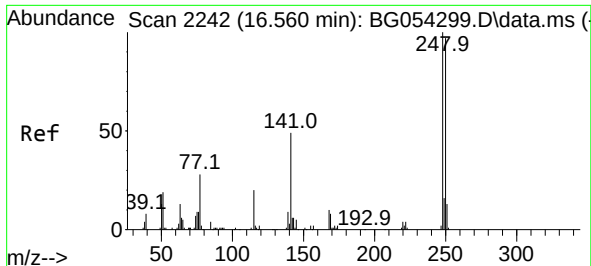
Tgt Ion:165 Resp: 7955
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. 0.004 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:188 Resp: 140105
Ion Ratio Lower Upper
188 100
94 3.7 5.4 8.0#
80 4.6 6.8 10.2#

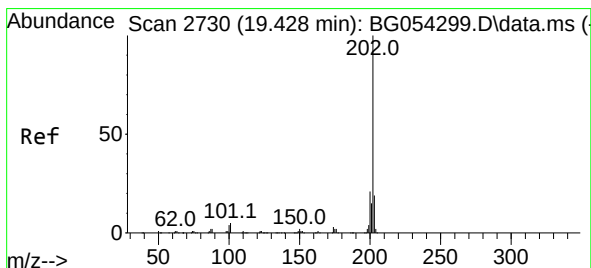
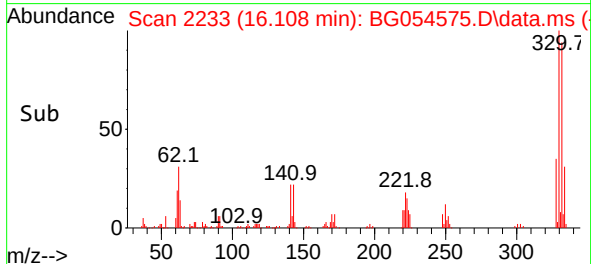
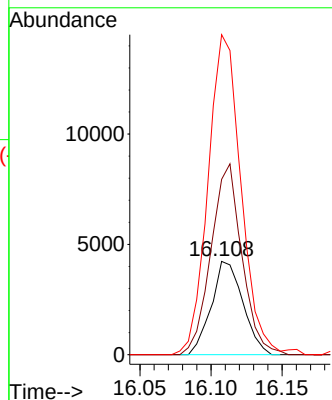
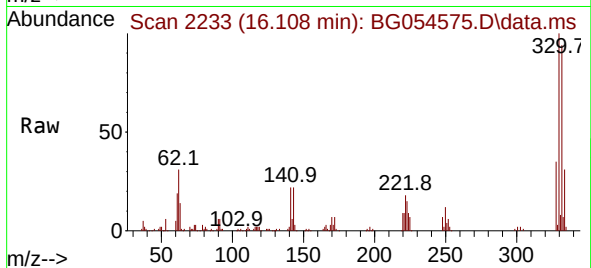




#67
4-Bromophenyl-phenylether
Concen: 3.326 ng
RT: 16.108 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

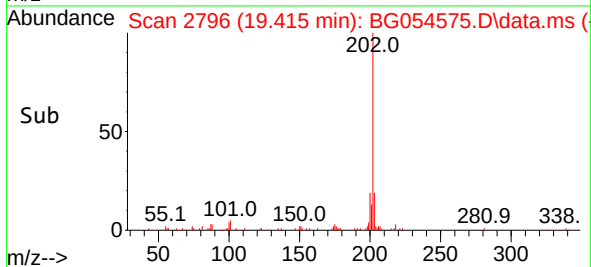
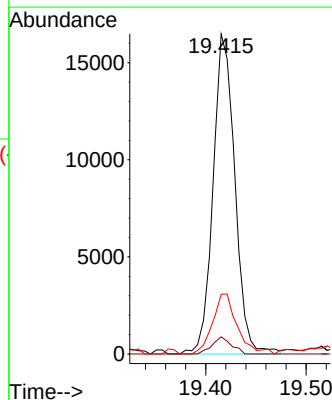
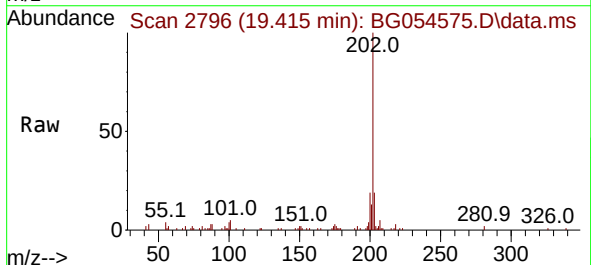
Instrument :
BNA_G
ClientSampleId :
RVE-195

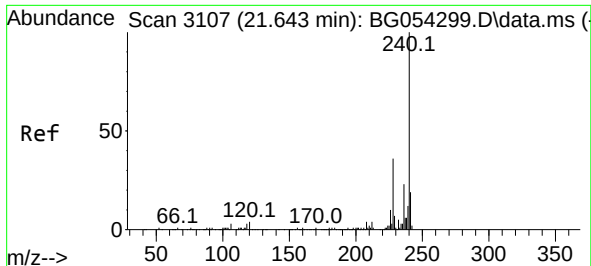
Tgt Ion:248 Resp: 6544
Ion Ratio Lower Upper
248 100
250 187.9 75.2 112.8#
141 342.9 50.0 75.0#



#75
Fluoranthene
Concen: 2.615 ng
RT: 19.415 min Scan# 2796
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:202 Resp: 24872
Ion Ratio Lower Upper
202 100
101 5.3 0.0 26.9
203 18.7 0.0 37.2

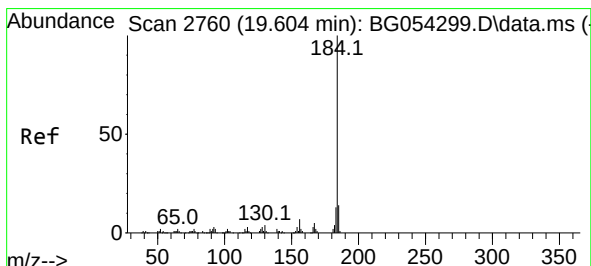
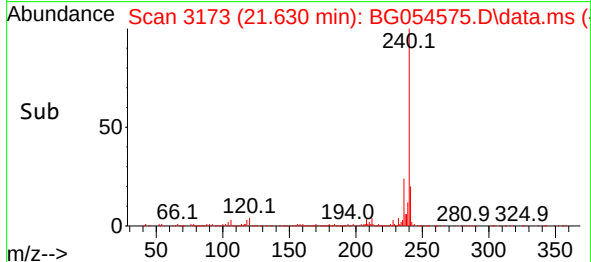
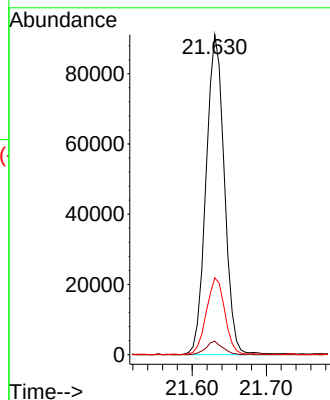
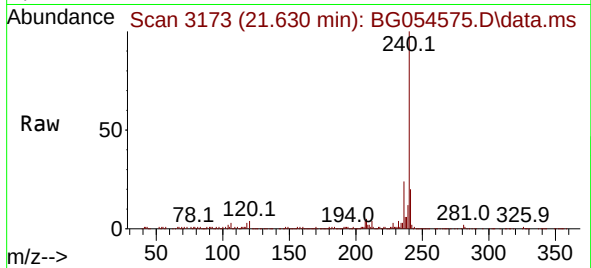




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

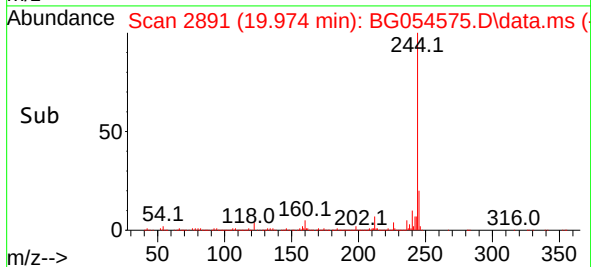
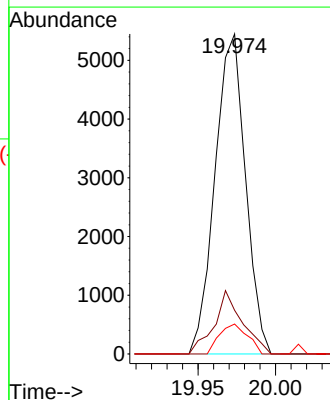
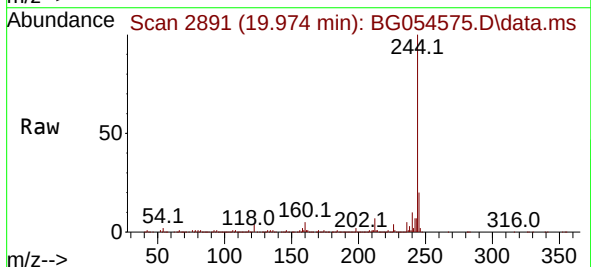
Instrument :
BNA_G
ClientSampleId :
RVE-195

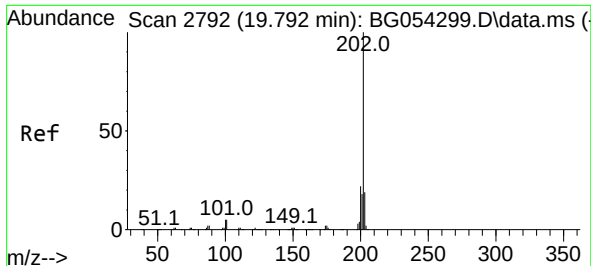
Tgt Ion:240 Resp: 156262
Ion Ratio Lower Upper
240 100
120 4.2 4.6 7.0#
236 24.0 20.2 30.4



#77
Benzidine
Concen: 2.629 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.380 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:184 Resp: 7439
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 9.3 8.9 13.3

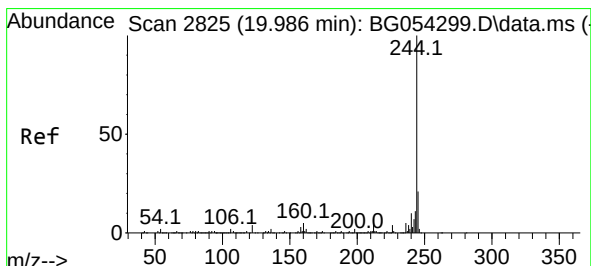
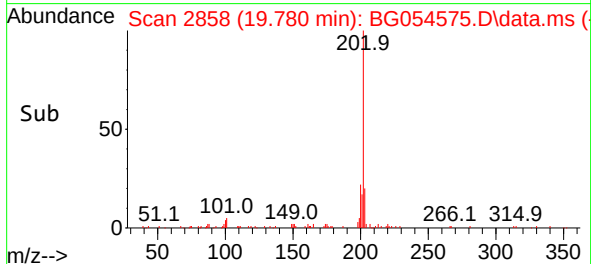
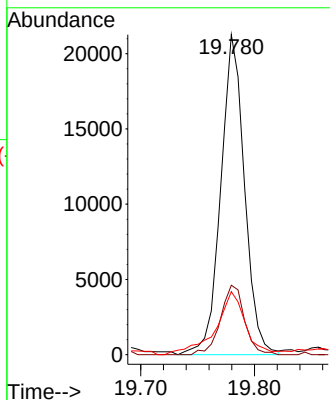
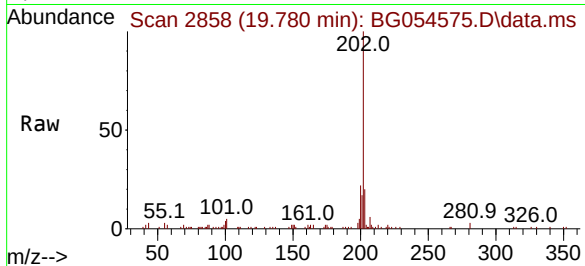




#78
 Pyrene
 Concen: 3.447 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054575.D
 Acq: 9 Aug 2022 18:38

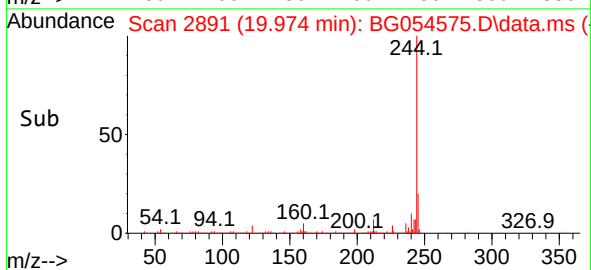
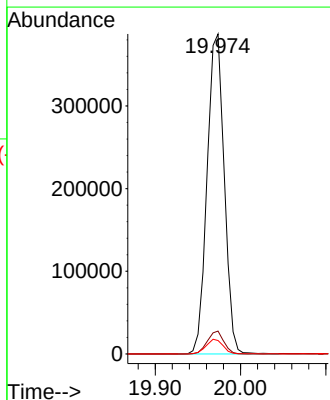
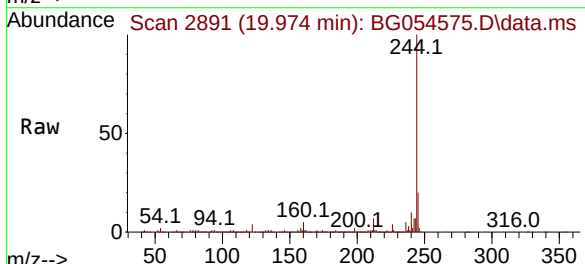
Instrument :
 BNA_G
 ClientSampleId :
 RVE-195

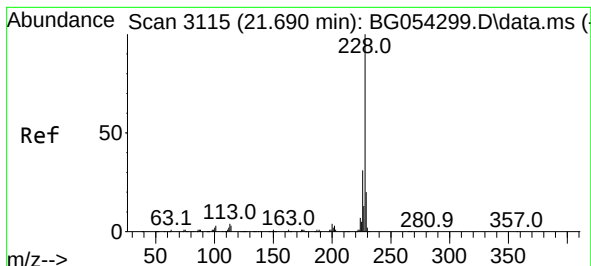
Tgt Ion:202 Resp: 30903
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.6 24.8
 203 19.7 14.6 21.8



#79
 Terphenyl-d14
 Concen: 68.659 ng
 RT: 19.974 min Scan# 2891
 Delta R.T. 0.004 min
 Lab File: BG054575.D
 Acq: 9 Aug 2022 18:38

Tgt Ion:244 Resp: 540818
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.2 5.0 7.4#





#83

Chrysene

Concen: 2.112 ng

RT: 21.677 min Scan# 3115

Delta R.T. -0.002 min

Lab File: BG054575.D

Acq: 9 Aug 2022 18:38

Instrument :

BNA_G

ClientSampleId :

RVE-195

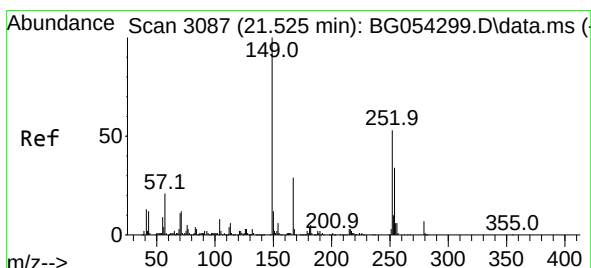
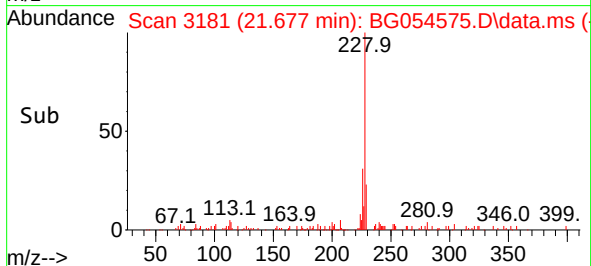
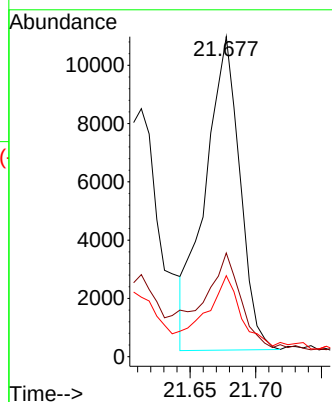
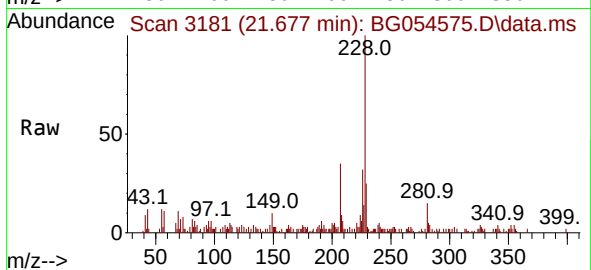
Tgt Ion:228 Resp: 19794

Ion Ratio Lower Upper

228 100

226 32.4 23.4 35.2

229 25.3 15.5 23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.718 ng

RT: 21.519 min Scan# 3154

Delta R.T. 0.021 min

Lab File: BG054575.D

Acq: 9 Aug 2022 18:38

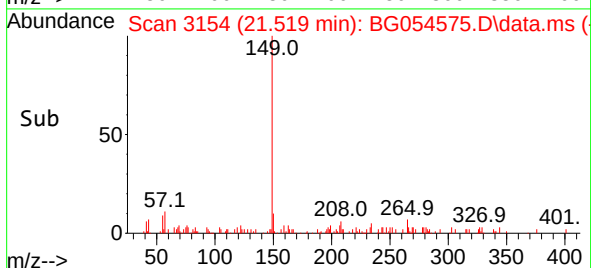
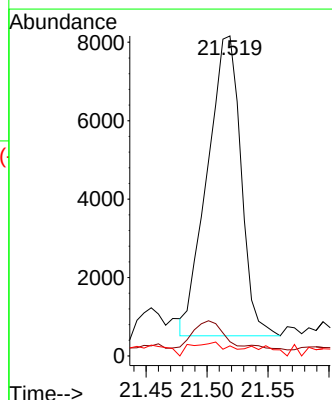
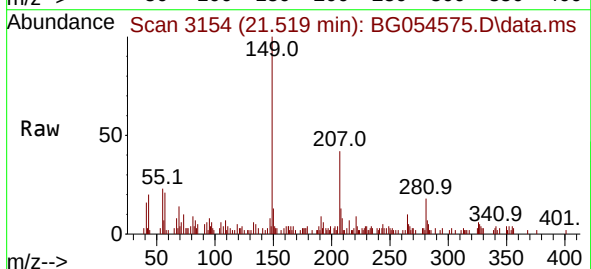
Tgt Ion:149 Resp: 14700

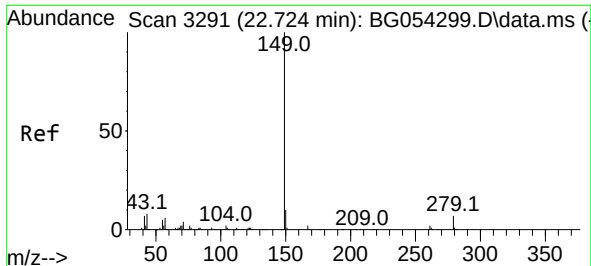
Ion Ratio Lower Upper

149 100

167 4.4 20.2 30.4#

279 3.1 3.6 5.4#

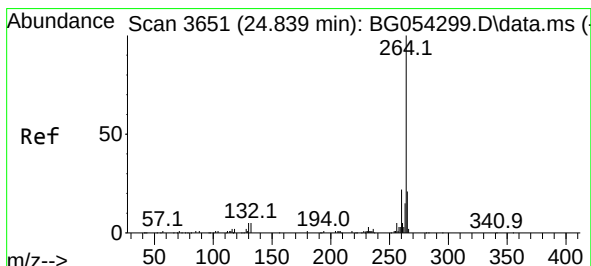
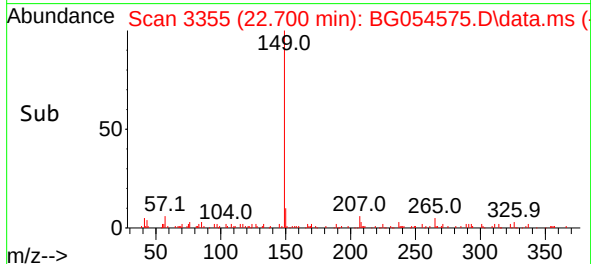
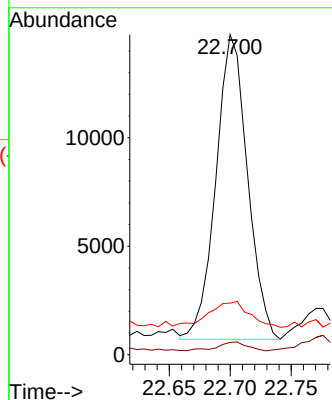
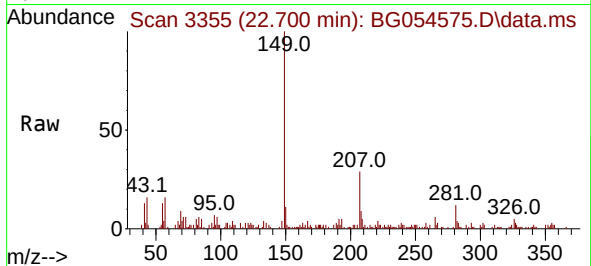




#85
Di-n-octyl phthalate
Concen: 3.756 ng
RT: 22.700 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

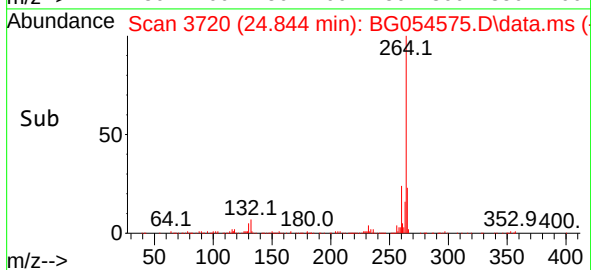
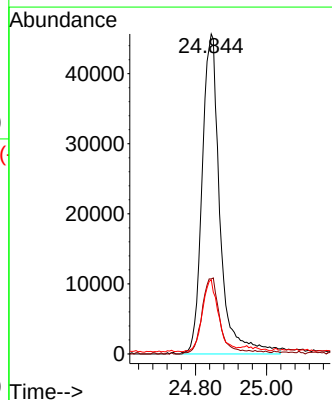
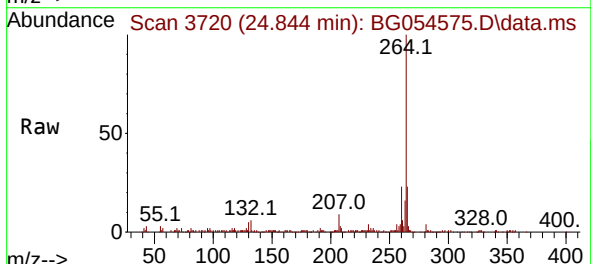
Instrument :
BNA_G
ClientSampleId :
RVE-195

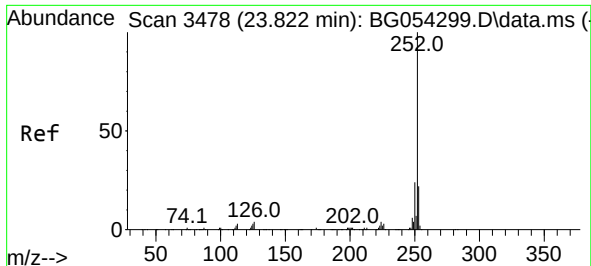
Tgt Ion:149 Resp: 25335
Ion Ratio Lower Upper
149 100
167 4.1 1.3 1.9#
43 10.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.844 min Scan# 3720
Delta R.T. 0.009 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:264 Resp: 159688
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 23.2 17.4 26.2

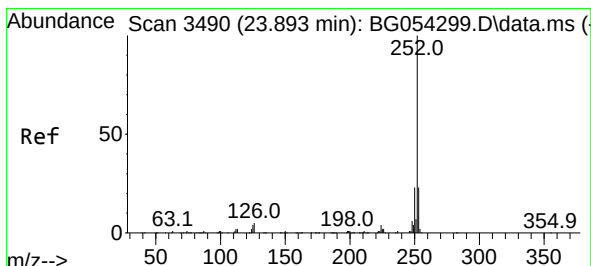
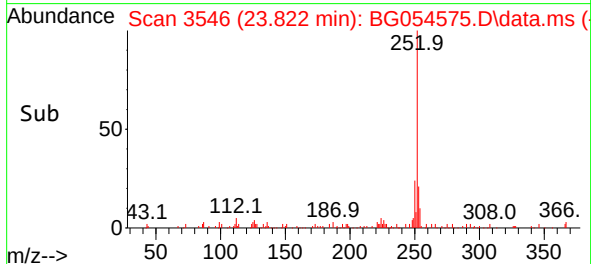
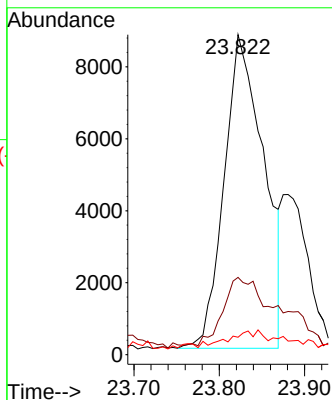
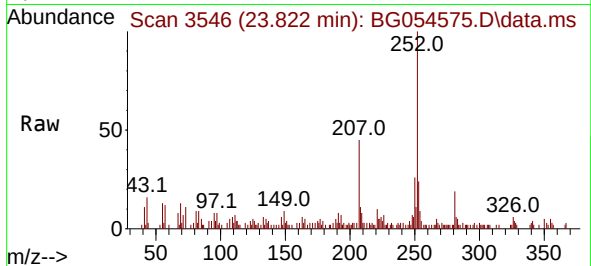




#88
Benzo(b)fluoranthene
Concen: 2.966 ng
RT: 23.822 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

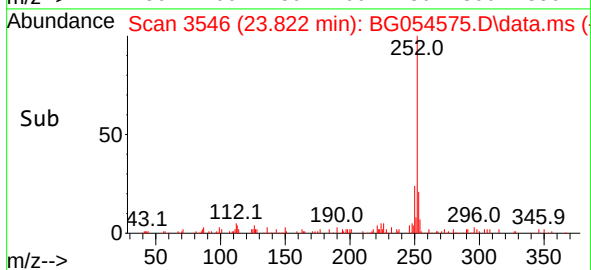
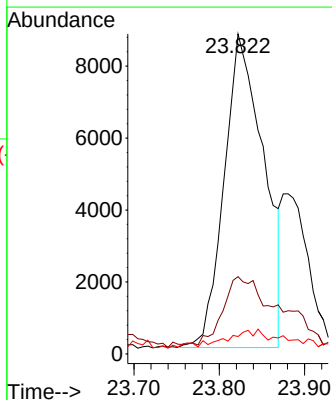
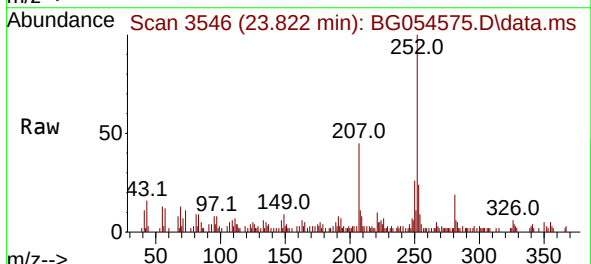
Instrument :
BNA_G
ClientSampleId :
RVE-195

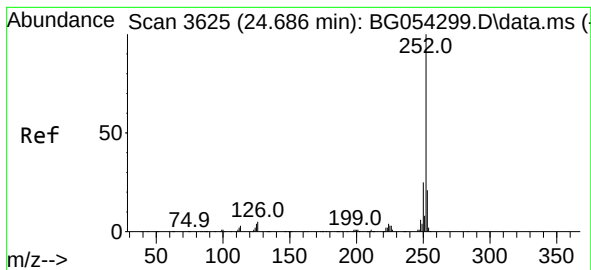
Tgt Ion:	252	Resp:	28008
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.0	27.0
125	5.4	4.6	6.8



#89
Benzo(k)fluoranthene
Concen: 2.980 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.061 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:	252	Resp:	28008
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.4	27.6
125	5.4	4.8	7.2





#90

Benzo(a)pyrene

Concen: 2.248 ng

RT: 24.692 min Scan# 30

Delta R.T. 0.004 min

Lab File: BG054575.D

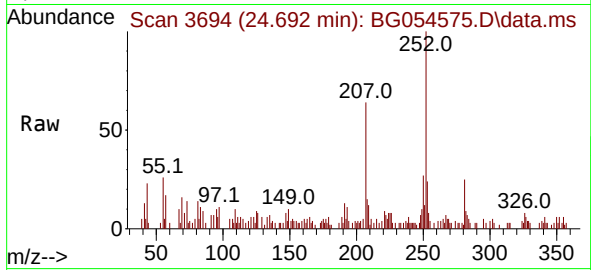
Acq: 9 Aug 2022 18:38

Instrument :

BNA_G

ClientSampleId :

RVE-195



Tgt Ion:252 Resp: 18132

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.8

125 9.2 4.3 6.5#

