

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054523.D
 Acq On : 4 Aug 2022 17:44
 Operator : CG/JU
 Sample : N3930-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-99D

Quant Time: Aug 04 18:32:11 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)

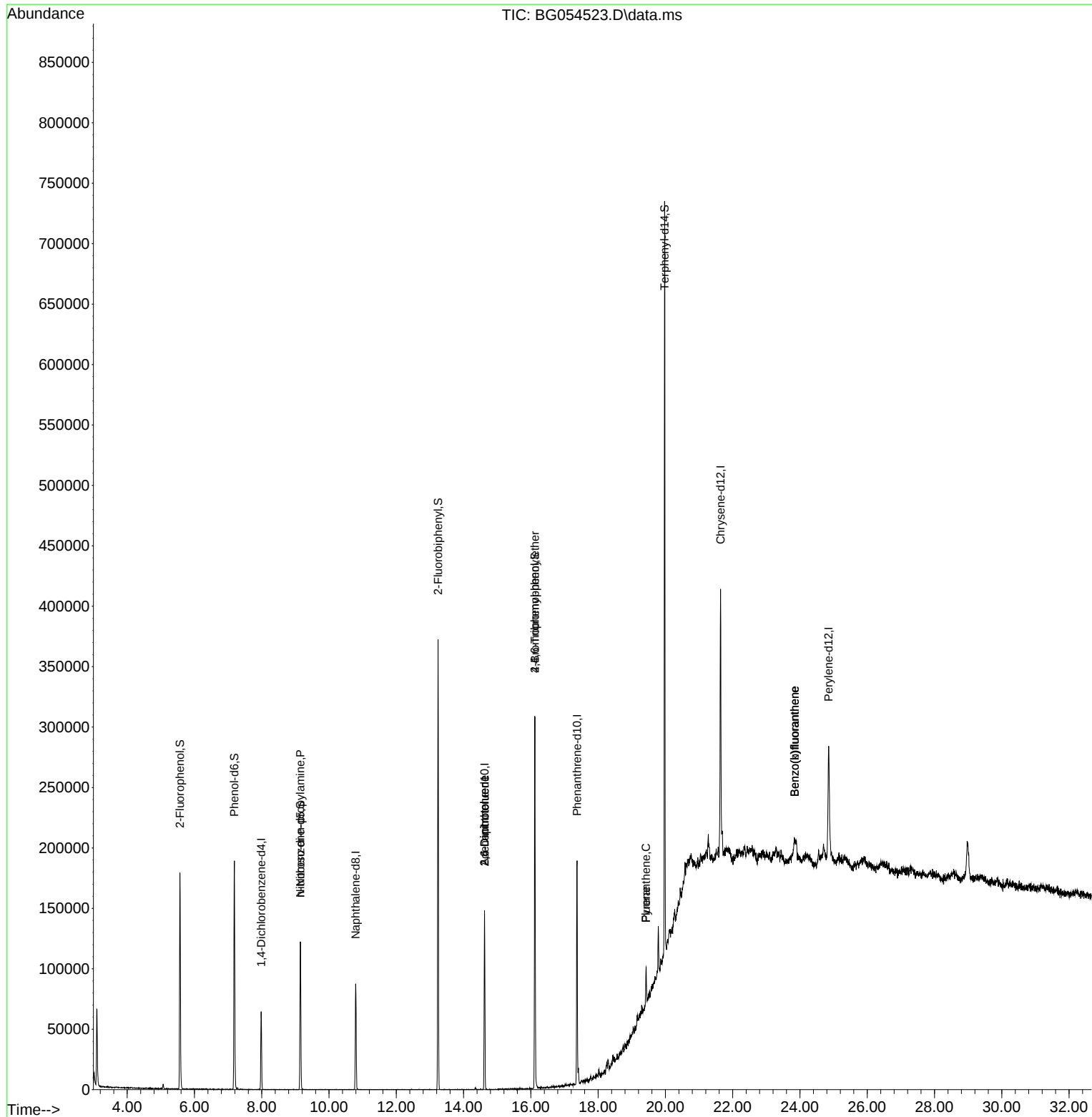
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	21248	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	80704	20.000	ng	# 0.00
39) Acenaphthene-d10	14.623	164	57750	20.000	ng	0.00
64) Phenanthrene-d10	17.373	188	131425	20.000	ng	# 0.00
76) Chrysene-d12	21.638	240	142670	20.000	ng	# 0.00
86) Perylene-d12	24.852	264	138033	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	83964	82.505	ng	0.00
7) Phenol-d6	7.185	99	111931	80.268	ng	0.01
23) Nitrobenzene-d5	9.147	82	77215	52.103	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	86527	71.360	ng	0.00
45) 2-Fluorobiphenyl	13.242	172	213449	52.140	ng	0.00
79) Terphenyl-d14	19.976	244	357582	49.721	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.173	77	116	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.147	70	11223	12.052	ng	# 81
51) 2,6-Dinitrotoluene	14.623	165	8069	8.155	ng	# 16
57) 2,4-Dinitrotoluene	14.623	165	8069	5.689	ng	# 21
67) 4-Bromophenyl-phenylether	16.121	248	5176	2.804	ng	# 1
75) Fluoranthene	19.423	202	21294	2.387	ng	94
78) Pyrene	19.423	202	21294	2.601	ng	97
88) Benzo(b)fluoranthene	23.842	252	18486	2.265	ng	# 72
89) Benzo(k)fluoranthene	23.842	252	18486	2.275	ng	# 74

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

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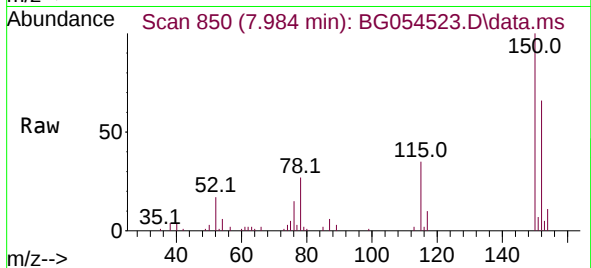
Quant Time: Aug 04 18:32:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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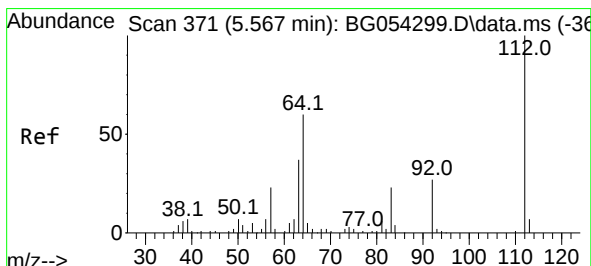
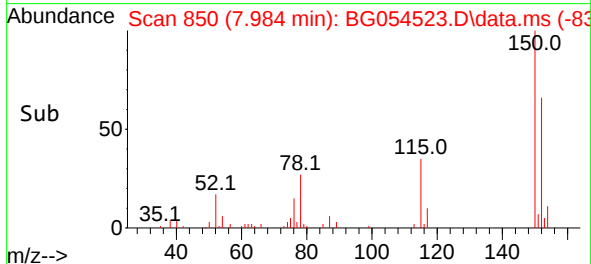
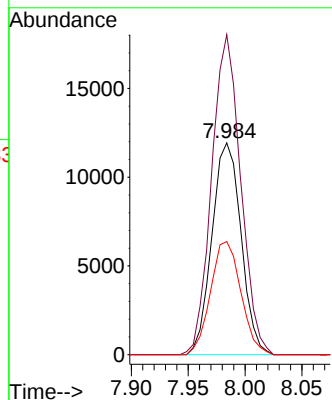


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Instrument :
BNA_G
ClientSampleId :
RVE-99D

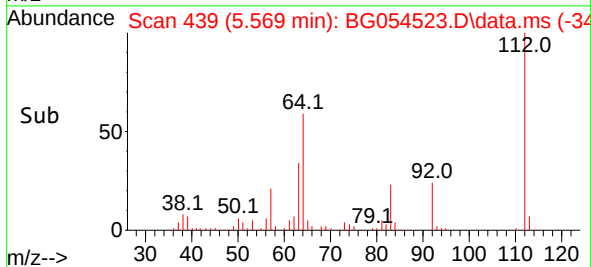
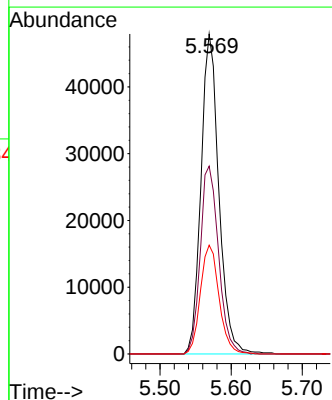
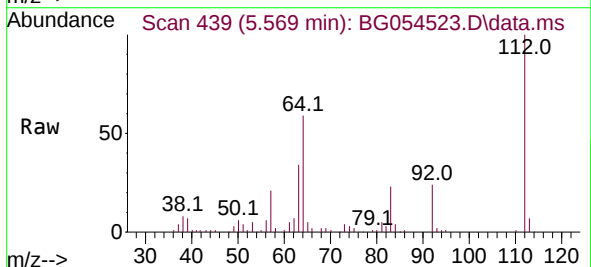


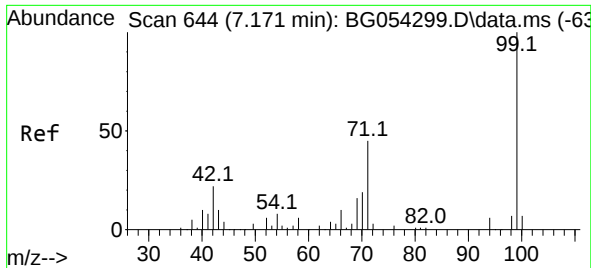
Tgt Ion:152 Resp: 21248
Ion Ratio Lower Upper
152 100
150 151.1 131.6 197.4
115 53.4 50.9 76.3



#5
2-Fluorophenol
Concen: 82.505 ng
RT: 5.569 min Scan# 439
Delta R.T. 0.007 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion:112 Resp: 83964
Ion Ratio Lower Upper
112 100
64 58.7 55.1 82.7
63 34.0 30.4 45.6

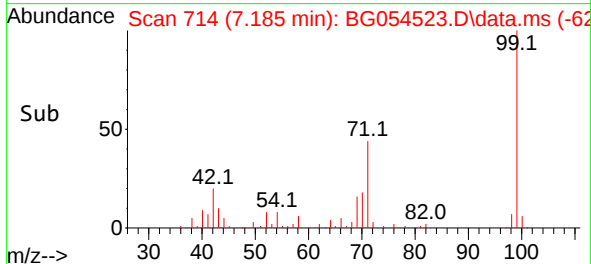
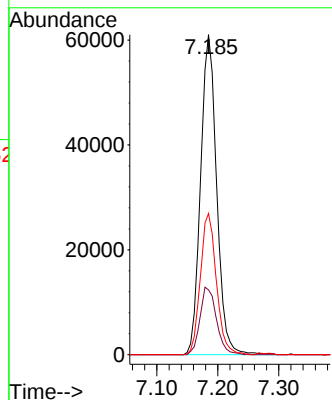
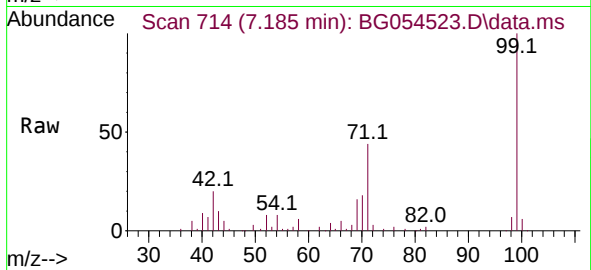




#7
Phenol-d6
Concen: 80.268 ng
RT: 7.185 min Scan# 71
Delta R.T. 0.013 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

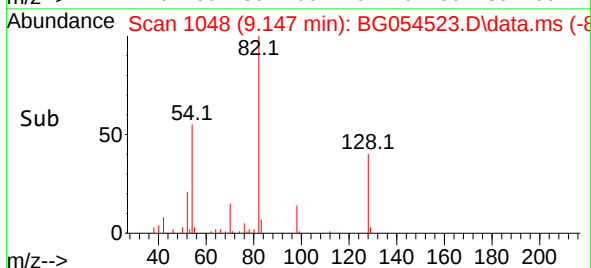
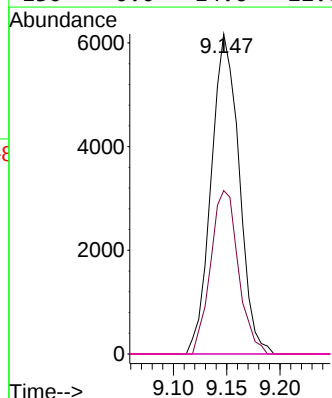
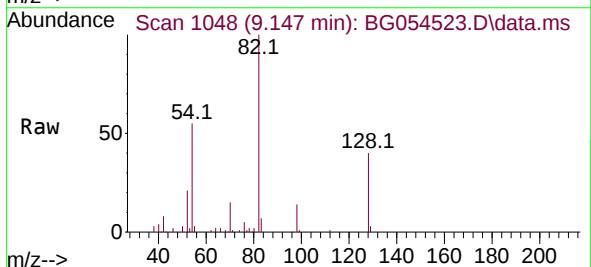
Instrument :
BNA_G
ClientSampleId :
RVE-99D

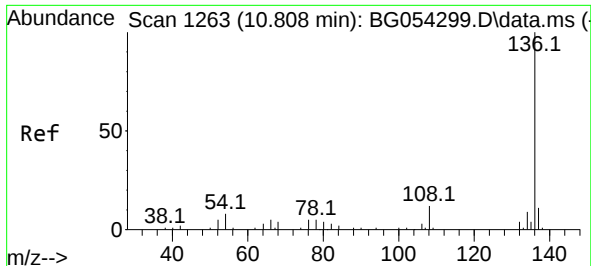
Tgt Ion: 99 Resp: 111931
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 44.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.052 ng
RT: 9.147 min Scan# 1048
Delta R.T. 0.354 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion: 70 Resp: 11223
Ion Ratio Lower Upper
70 100
42 51.0 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

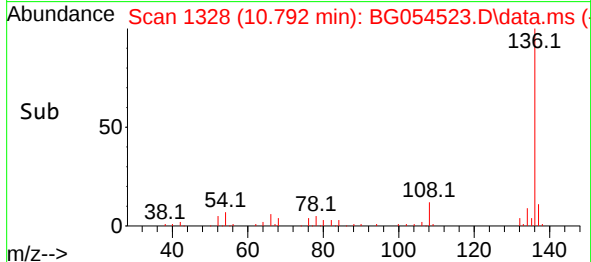
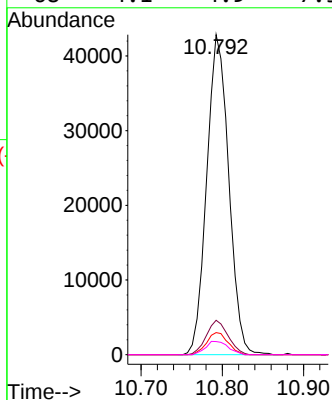
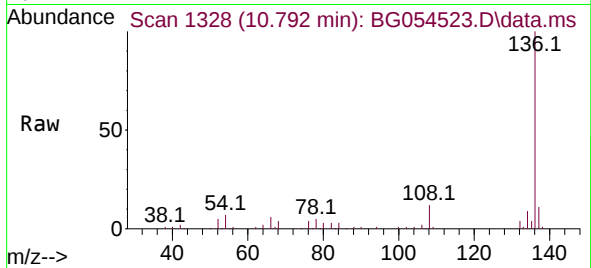




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

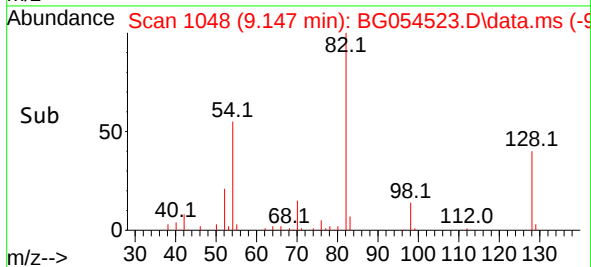
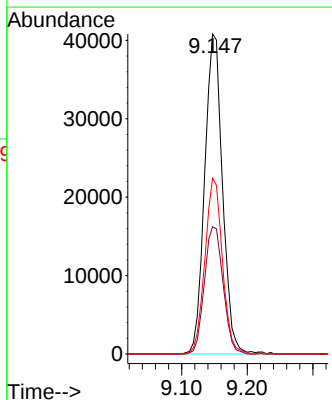
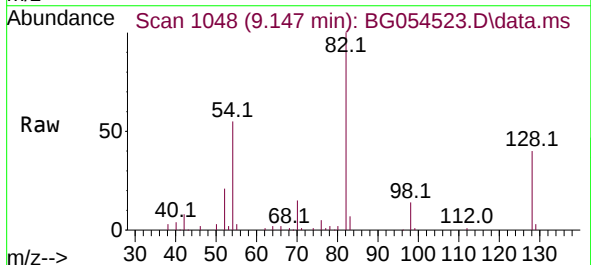
Instrument :
BNA_G
ClientSampleId :
RVE-99D

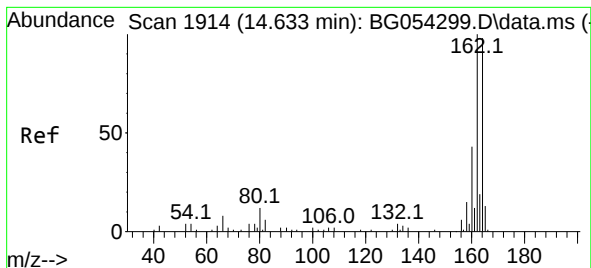
Tgt Ion:	136	Resp:	80704
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.9	7.4	11.2#
68	4.1	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 52.103 ng
RT: 9.147 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion:	82	Resp:	77215
Ion Ratio	Lower	Upper	
82	100		
128	39.7	27.9	41.9
54	55.0	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.623 min Scan# 1914

Delta R.T. 0.001 min

Lab File: BG054523.D

Acq: 4 Aug 2022 17:44

Instrument :

BNA_G

ClientSampleId :

RVE-99D

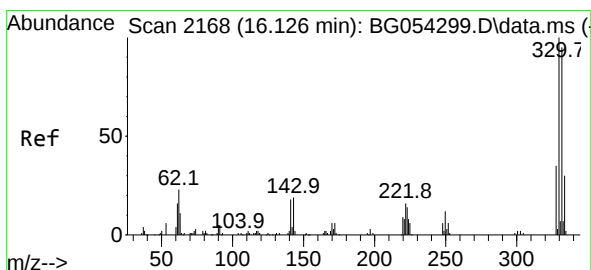
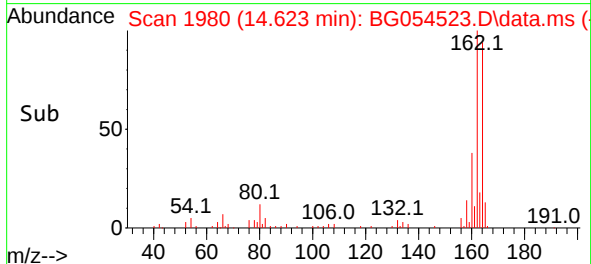
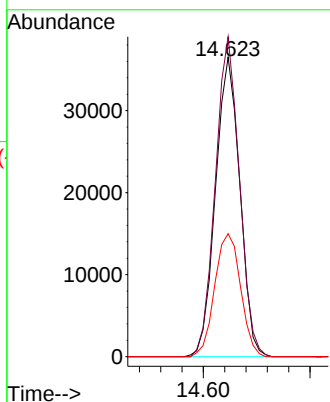
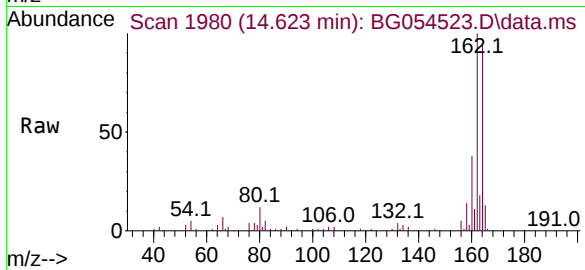
Tgt Ion:164 Resp: 57750

Ion Ratio Lower Upper

164 100

162 106.8 82.3 123.5

160 41.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 71.360 ng

RT: 16.121 min Scan# 2235

Delta R.T. 0.007 min

Lab File: BG054523.D

Acq: 4 Aug 2022 17:44

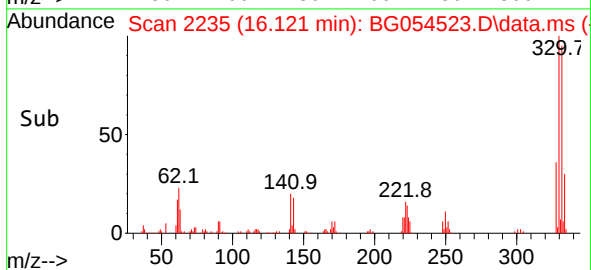
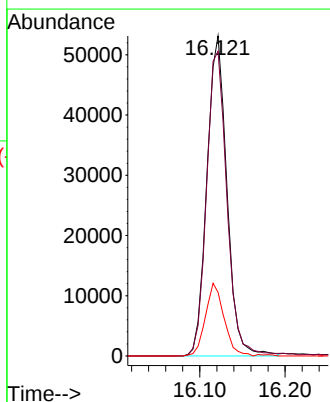
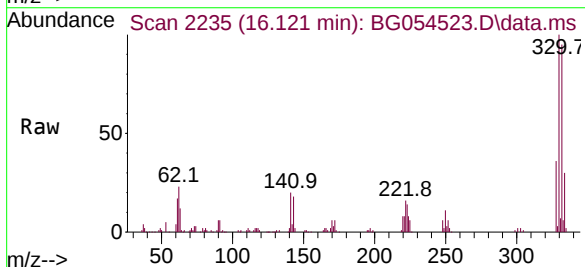
Tgt Ion:330 Resp: 86527

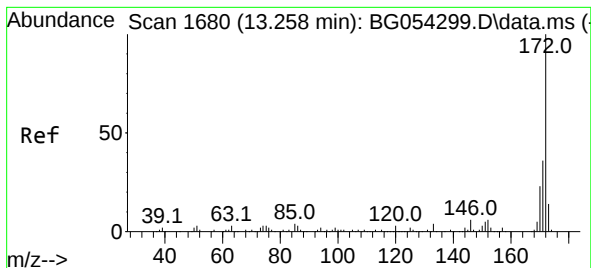
Ion Ratio Lower Upper

330 100

332 97.6 76.0 114.0

141 21.2 27.1 40.7#

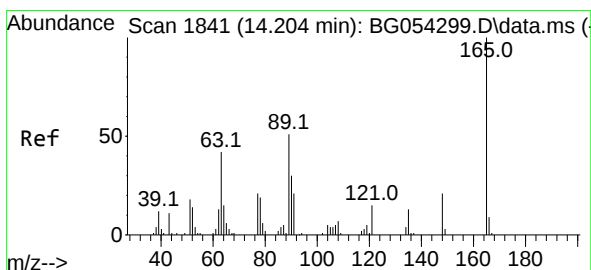
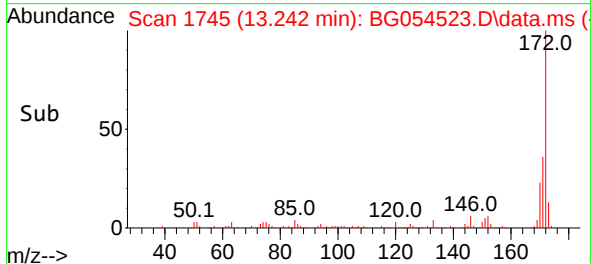
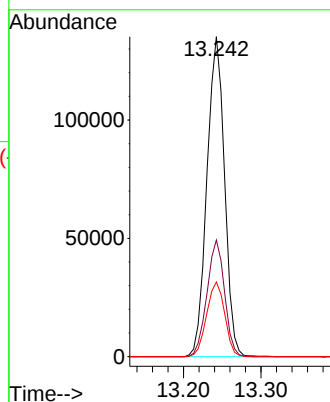
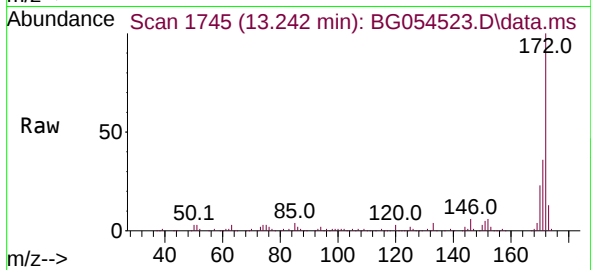




#45
2-Fluorobiphenyl
Concen: 52.140 ng
RT: 13.242 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

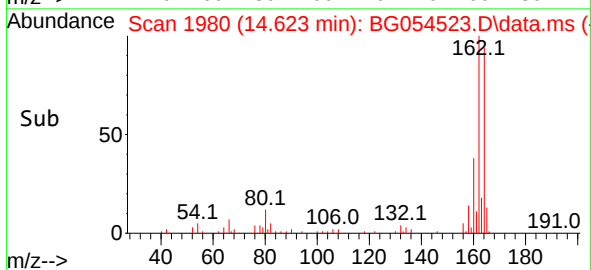
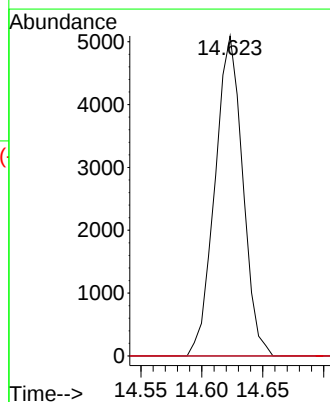
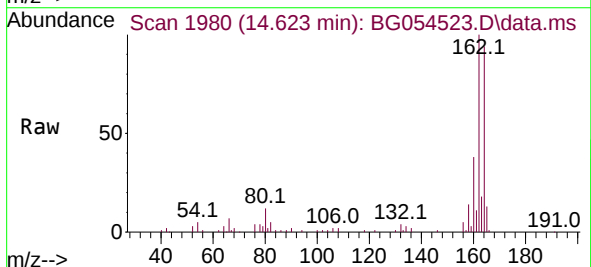
Instrument :
BNA_G
ClientSampleId :
RVE-99D

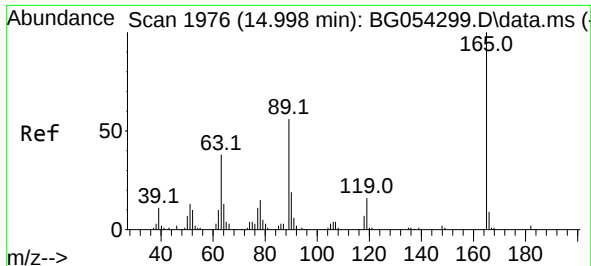
Tgt Ion:172 Resp: 213449
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.155 ng
RT: 14.623 min Scan# 1980
Delta R.T. 0.424 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion:165 Resp: 8069
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: 5.689 ng

RT: 14.623 min Scan# 14

Delta R.T. -0.369 min

Lab File: BG054523.D

Acq: 4 Aug 2022 17:44

Instrument :

BNA_G

ClientSampleId :

RVE-99D

Tgt Ion:165 Resp: 8069

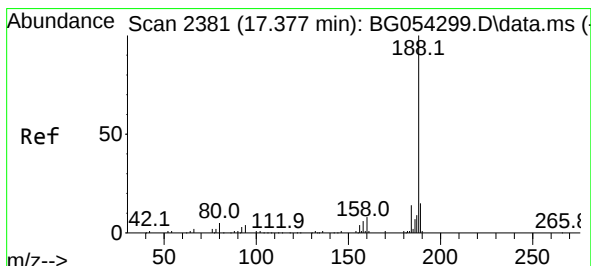
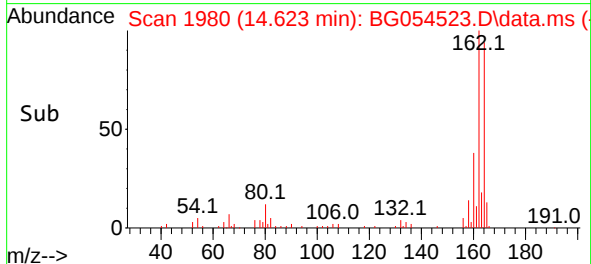
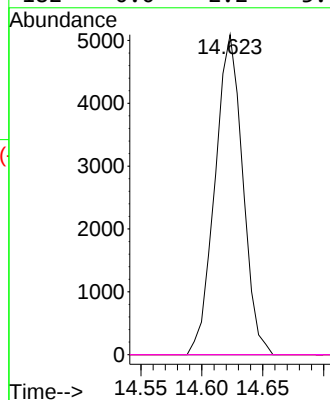
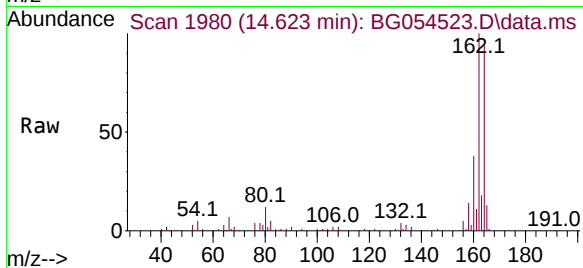
Ion Ratio Lower Upper

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: 17.373 min Scan# 2448

Delta R.T. 0.001 min

Lab File: BG054523.D

Acq: 4 Aug 2022 17:44

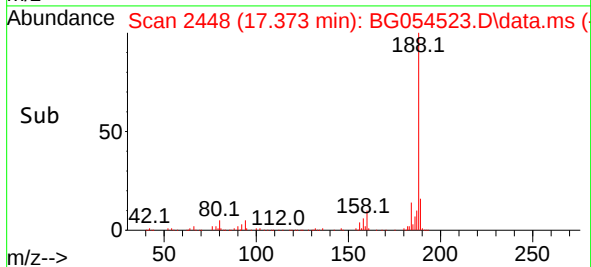
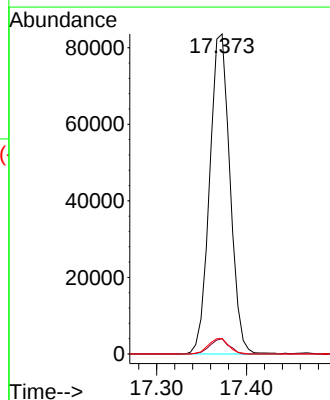
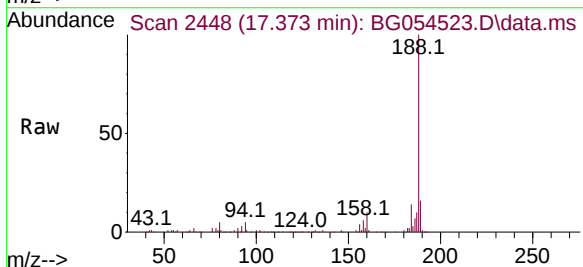
Tgt Ion:188 Resp: 131425

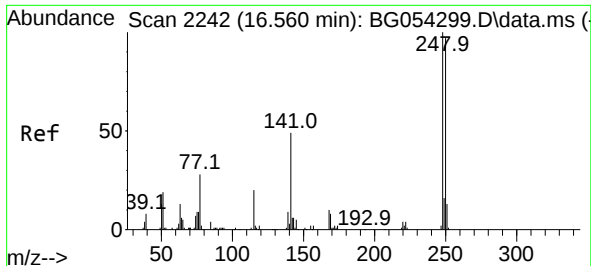
Ion Ratio Lower Upper

188 100

94 4.7 5.4 8.0#

80 4.8 6.8 10.2#

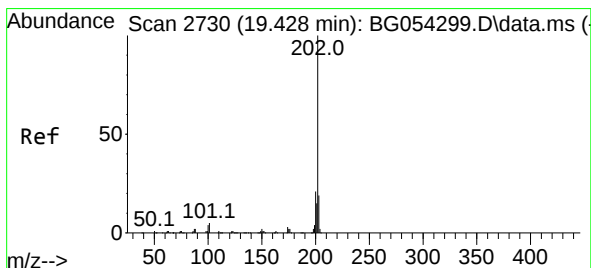
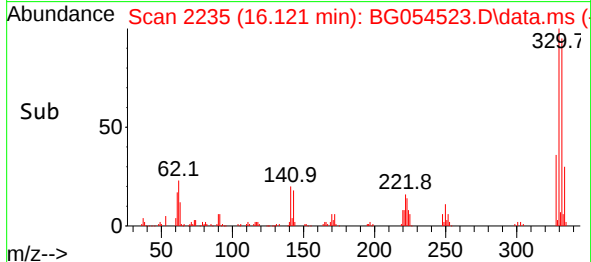
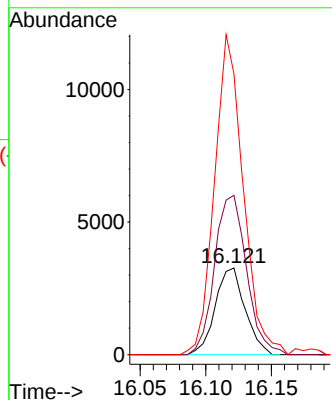
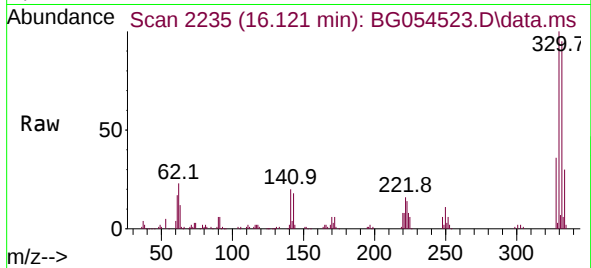




#67
4-Bromophenyl-phenylether
Concen: 2.804 ng
RT: 16.121 min Scan# 21
Delta R.T. -0.433 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

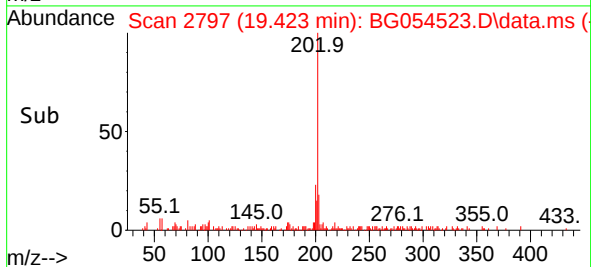
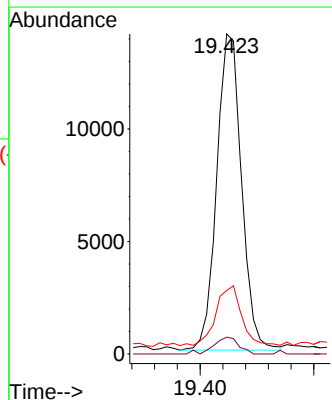
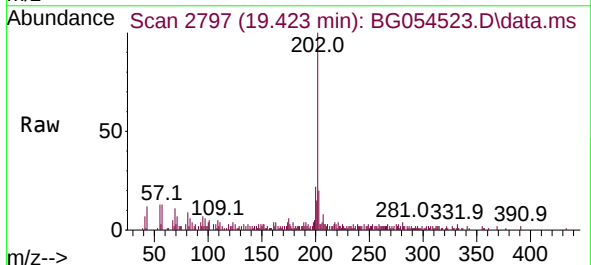
Instrument :
BNA_G
ClientSampleId :
RVE-99D

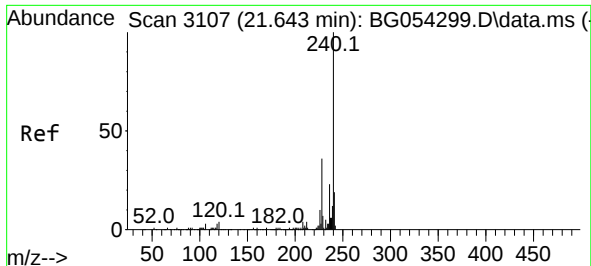
Tgt Ion:248 Resp: 5176
Ion Ratio Lower Upper
248 100
250 183.6 75.2 112.8#
141 323.4 50.0 75.0#



#75
Fluoranthene
Concen: 2.387 ng
RT: 19.423 min Scan# 2797
Delta R.T. 0.001 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion:202 Resp: 21294
Ion Ratio Lower Upper
202 100
101 5.2 0.0 26.9
203 19.8 0.0 37.2

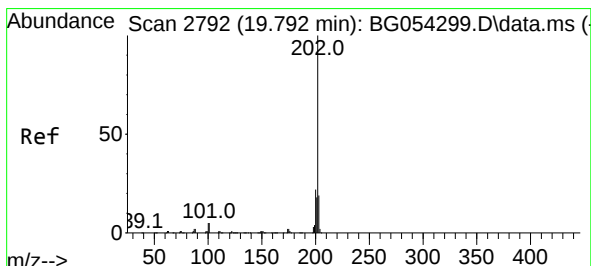
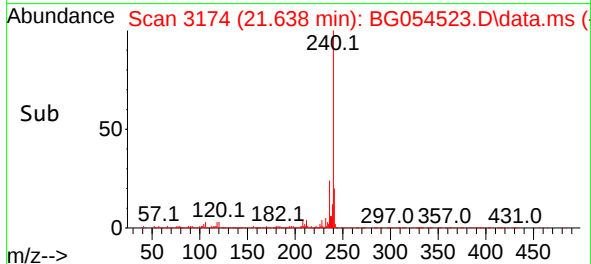
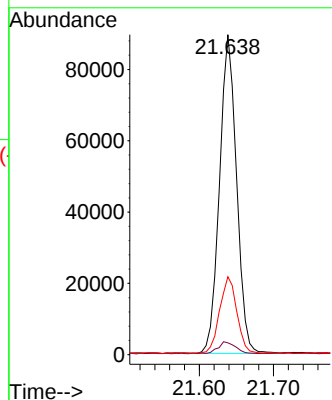
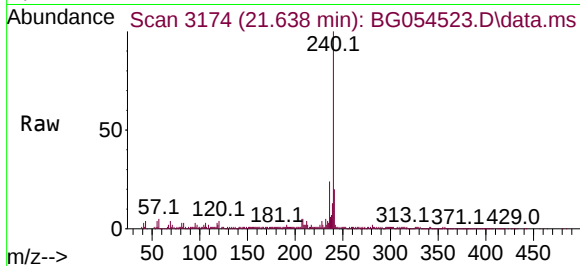




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.638 min Scan# 3107
Delta R.T. 0.001 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

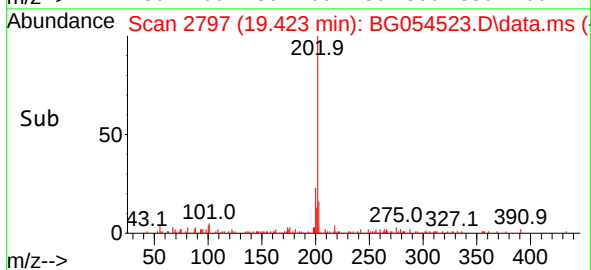
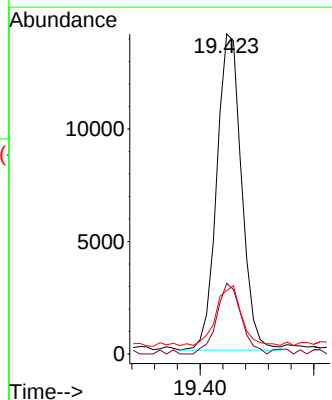
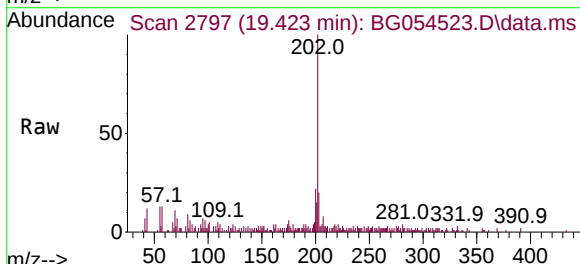
Instrument :
BNA_G
ClientSampleId :
RVE-99D

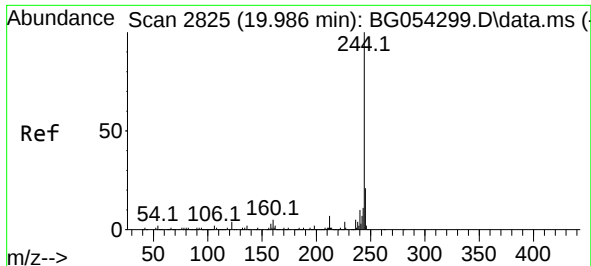
Tgt Ion:240 Resp: 142670
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.4 20.2 30.4



#78
Pyrene
Concen: 2.601 ng
RT: 19.423 min Scan# 2797
Delta R.T. -0.363 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion:202 Resp: 21294
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 19.8 14.6 21.8

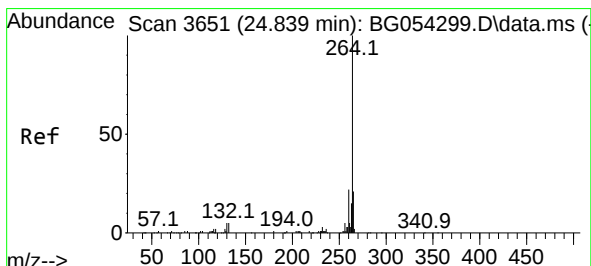
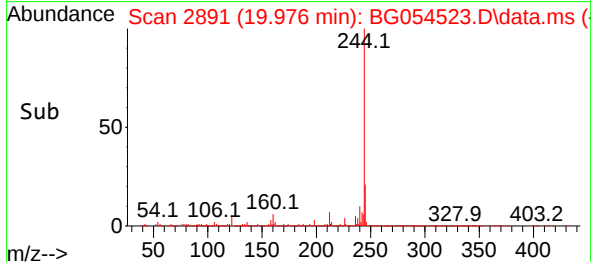
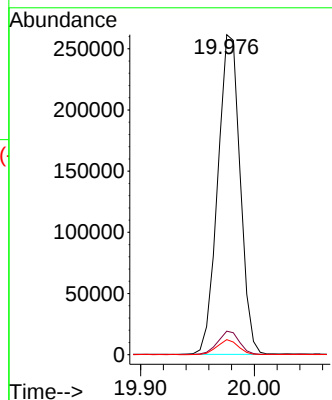
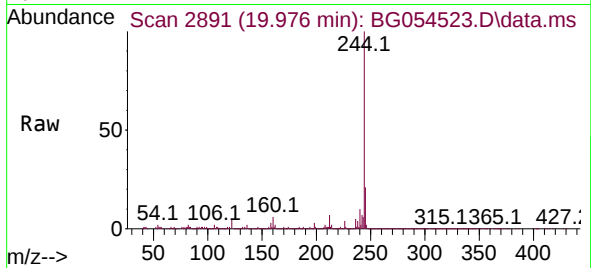




#79
 Terphenyl-d14
 Concen: 49.721 ng
 RT: 19.976 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054523.D
 Acq: 4 Aug 2022 17:44

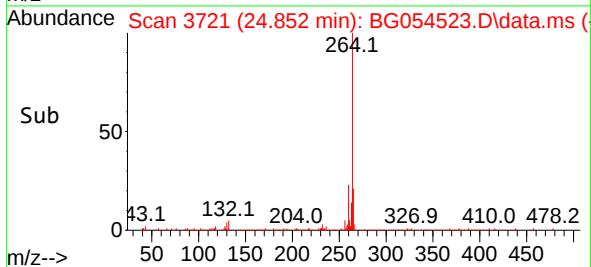
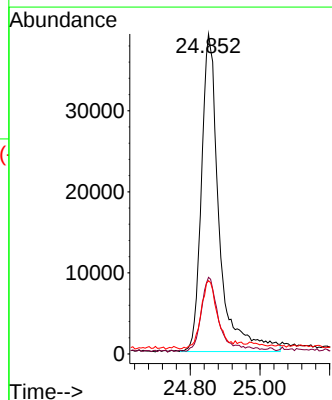
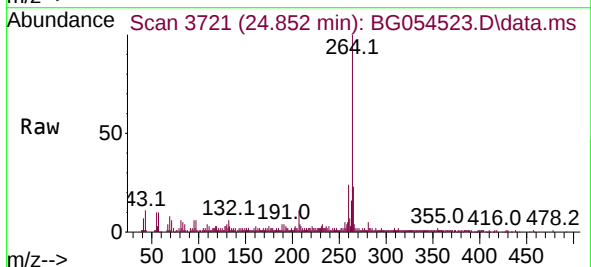
Instrument :
 BNA_G
 ClientSampleId :
 RVE-99D

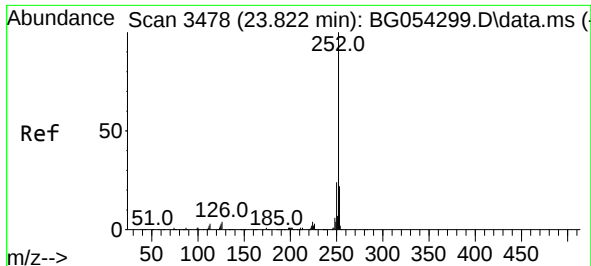
Tgt Ion:244 Resp: 357582
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.852 min Scan# 3721
 Delta R.T. 0.019 min
 Lab File: BG054523.D
 Acq: 4 Aug 2022 17:44

Tgt Ion:264 Resp: 138033
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.9 17.4 26.2

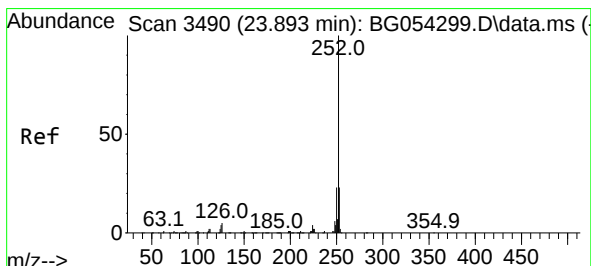
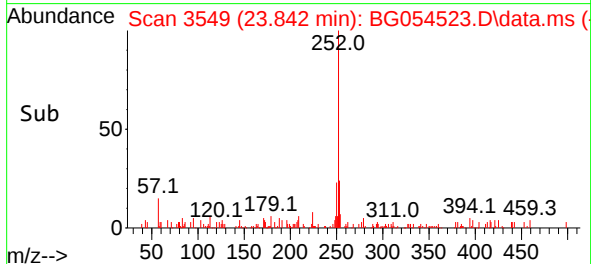
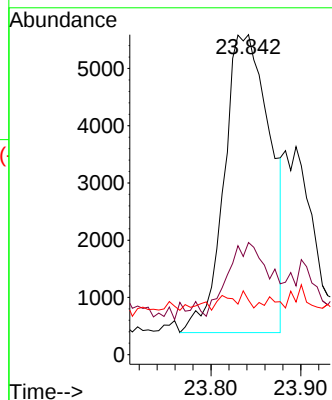
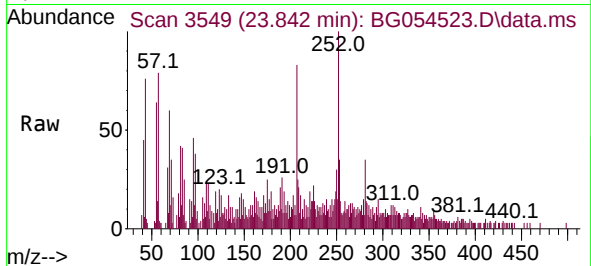




#88
Benzo(b)fluoranthene
Concen: 2.265 ng
RT: 23.842 min Scan# 31
Delta R.T. 0.019 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Instrument :
BNA_G
ClientSampleId :
RVE-99D

Tgt Ion:252 Resp: 18486
Ion Ratio Lower Upper
252 100
253 35.1 18.0 27.0#
125 17.0 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 2.275 ng
RT: 23.842 min Scan# 3549
Delta R.T. -0.046 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion:252 Resp: 18486
Ion Ratio Lower Upper
252 100
253 35.1 18.4 27.6#
125 17.0 4.8 7.2#

