

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054527.D
 Acq On : 4 Aug 2022 20:37
 Operator : CG/JU
 Sample : N3930-06RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-99

Quant Time: Aug 05 05:03:21 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)

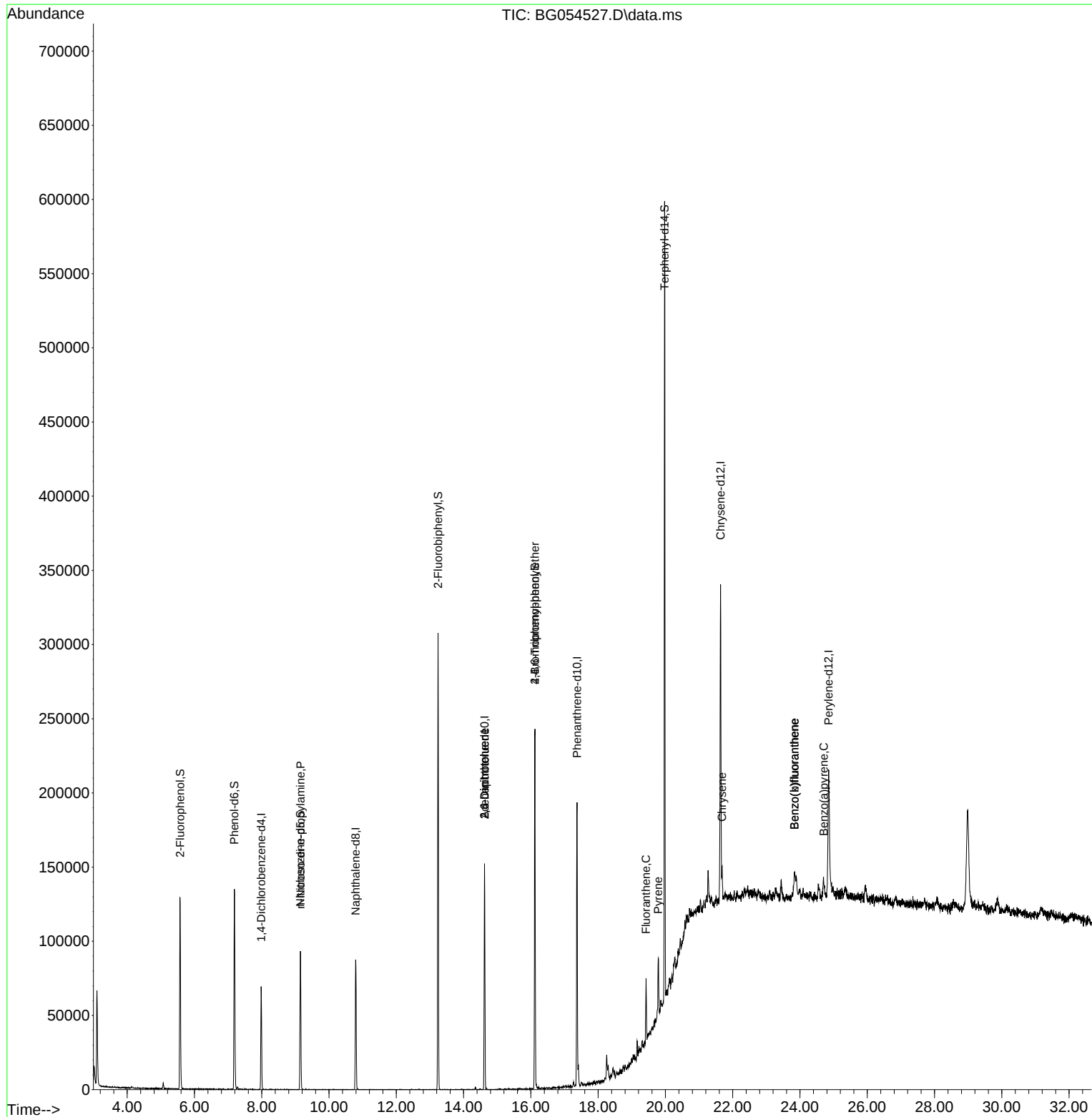
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	21503	20.000	ng	0.00
21) Naphthalene-d8	10.791	136	81809	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	59523	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	137929	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	144913	20.000	ng	# 0.00
86) Perylene-d12	24.851	264	123203	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	62161	60.357	ng	0.01
7) Phenol-d6	7.183	99	82339	58.346	ng	0.01
23) Nitrobenzene-d5	9.146	82	59086	39.331	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	67661	54.139	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	176548	41.842	ng	0.00
79) Terphenyl-d14	19.974	244	313399	42.903	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.152	70	8780	9.317	ng	# 80
51) 2,6-Dinitrotoluene	14.622	165	8360	8.198	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	8360	5.718	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	3997	2.063	ng	# 1
75) Fluoranthene	19.422	202	25800	2.755	ng	95
78) Pyrene	19.786	202	30650	3.686	ng	95
83) Chrysene	21.684	228	18043	2.076	ng	# 88
88) Benzo(b)fluoranthene	23.834	252	20941	2.874	ng	# 73
89) Benzo(k)fluoranthene	23.834	252	20941	2.888	ng	# 75
90) Benzo(a)pyrene	24.704	252	14519	2.333	ng	# 90

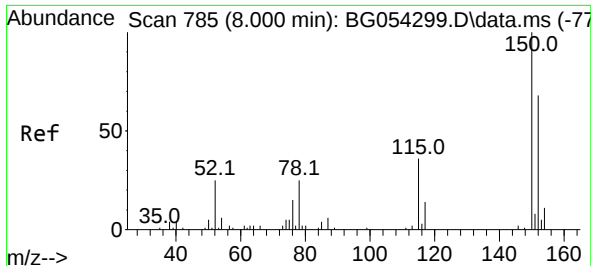
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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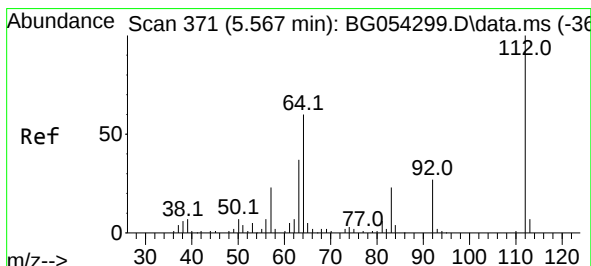
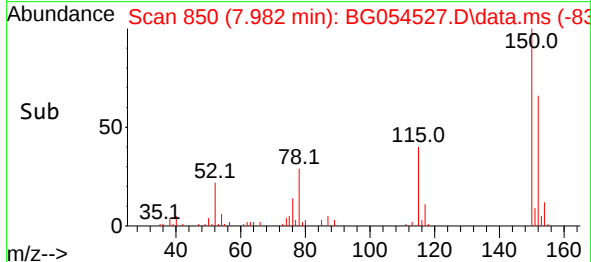
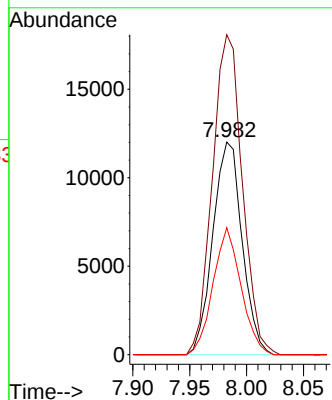
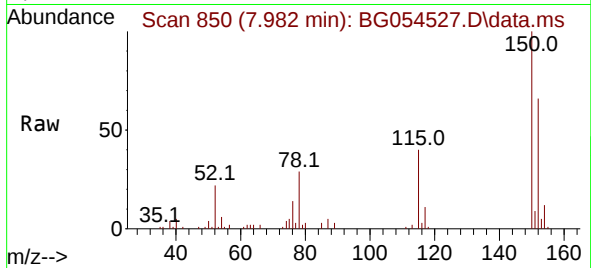




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

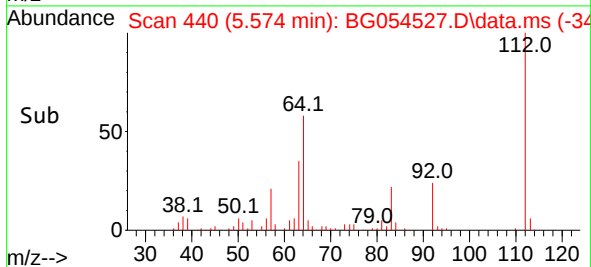
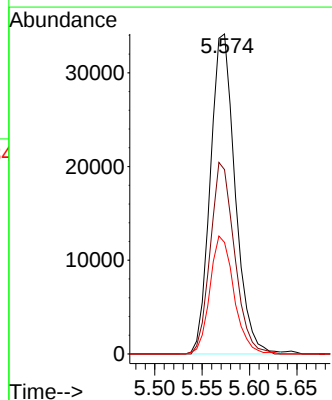
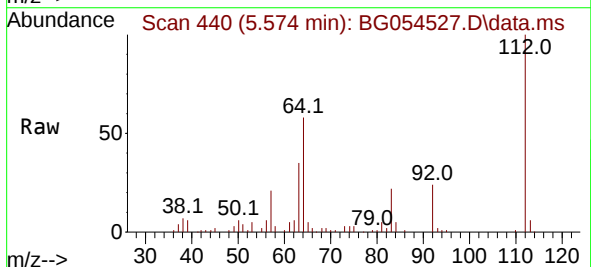
Instrument :
BNA_G
ClientSampleId :
RVE-99

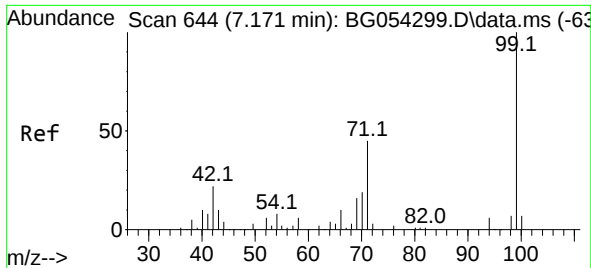
Tgt Ion:152 Resp: 21503
Ion Ratio Lower Upper
152 100
150 150.5 131.6 197.4
115 59.7 50.9 76.3



#5
2-Fluorophenol
Concen: 60.357 ng
RT: 5.574 min Scan# 440
Delta R.T. 0.012 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Tgt Ion:112 Resp: 62161
Ion Ratio Lower Upper
112 100
64 57.6 55.1 82.7
63 34.8 30.4 45.6

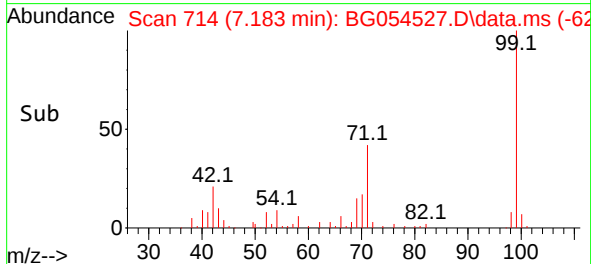
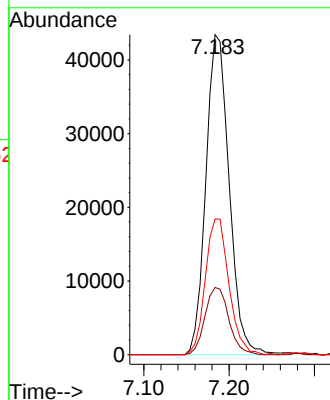
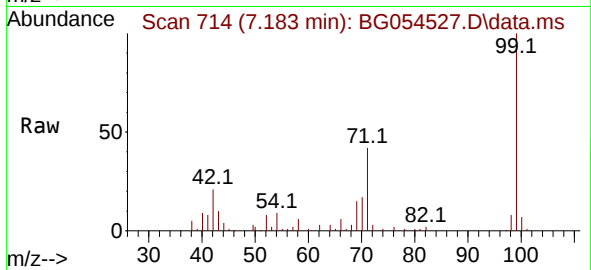




#7
Phenol-d6
Concen: 58.346 ng
RT: 7.183 min Scan# 71
Delta R.T. 0.012 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

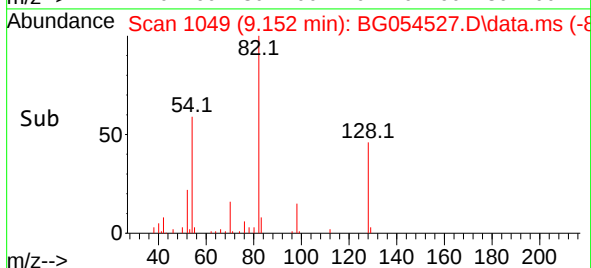
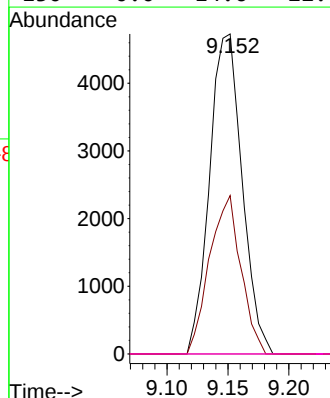
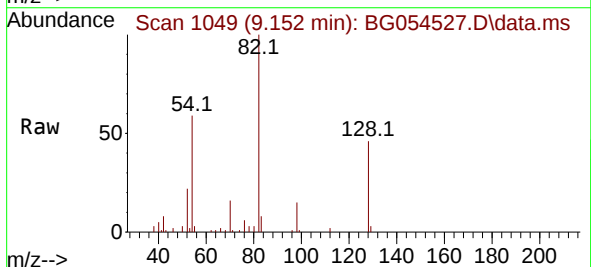
Instrument :
BNA_G
ClientSampleId :
RVE-99

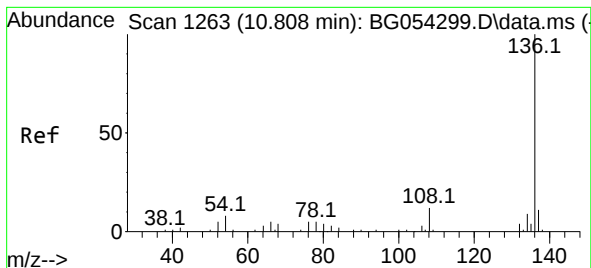
Tgt Ion: 99 Resp: 82339
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 42.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.317 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.358 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Tgt Ion: 70 Resp: 8780
Ion Ratio Lower Upper
70 100
42 49.5 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

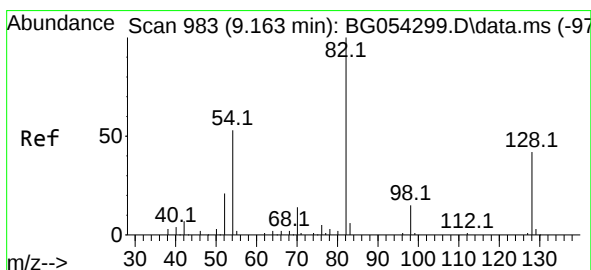
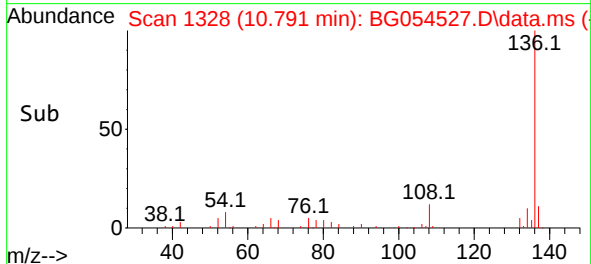
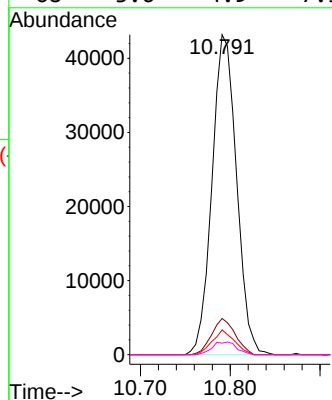
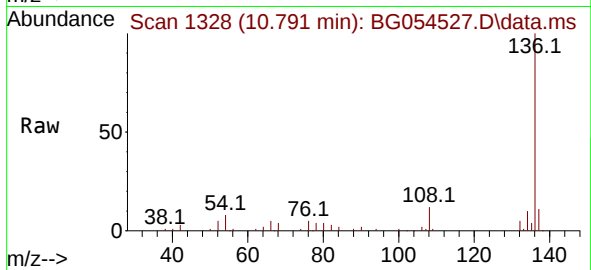




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

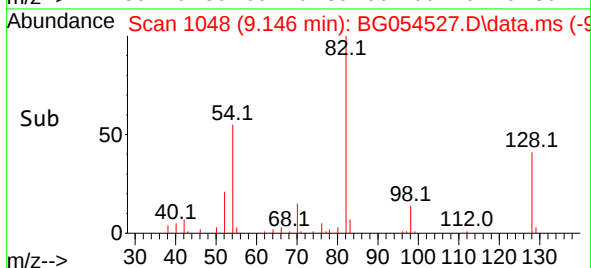
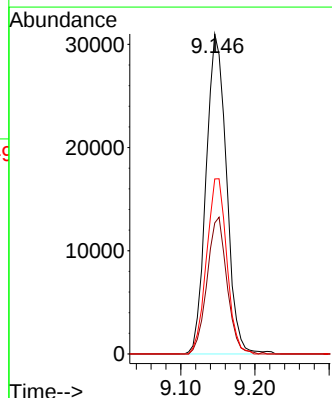
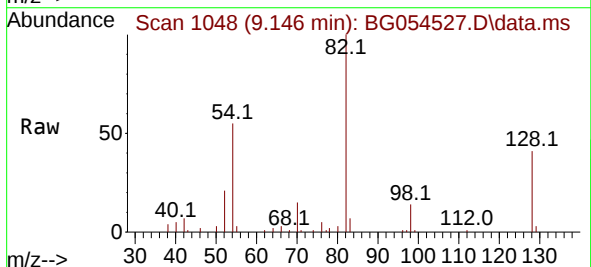
Instrument :
BNA_G
ClientSampleId :
RVE-99

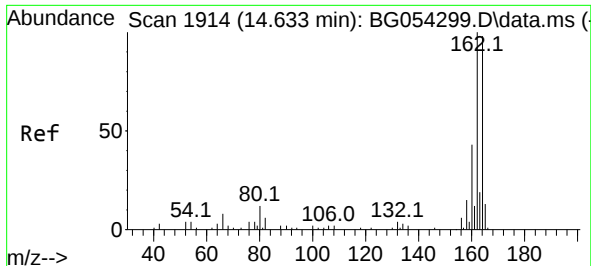
Tgt Ion:	136	Resp:	81809
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.7	7.4	11.2
68	3.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 39.331 ng
RT: 9.146 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Tgt Ion:	82	Resp:	59086
Ion	Ratio	Lower	Upper
82	100		
128	40.9	27.9	41.9
54	54.7	41.2	61.8

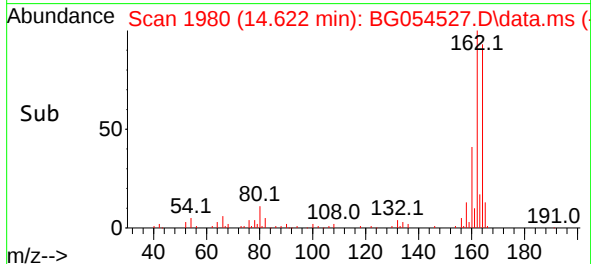
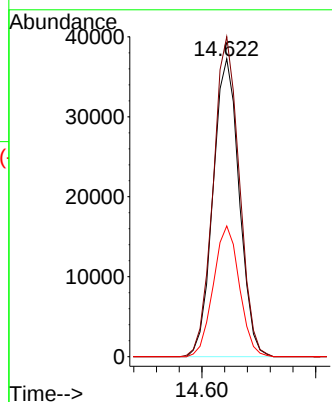
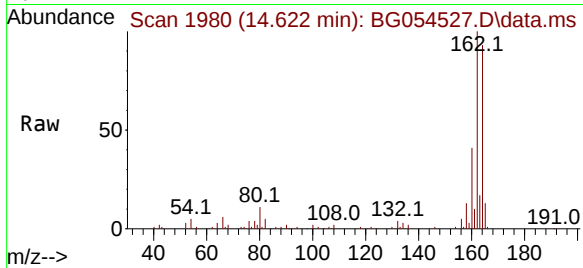




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

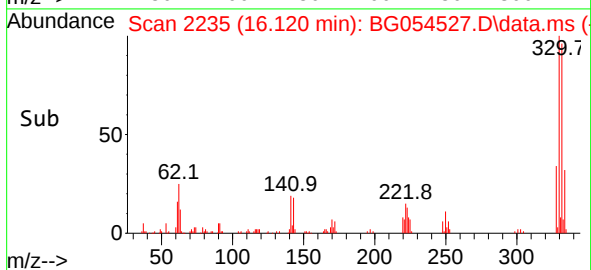
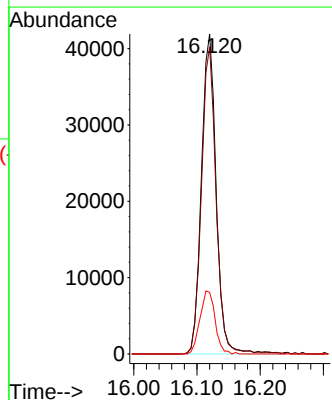
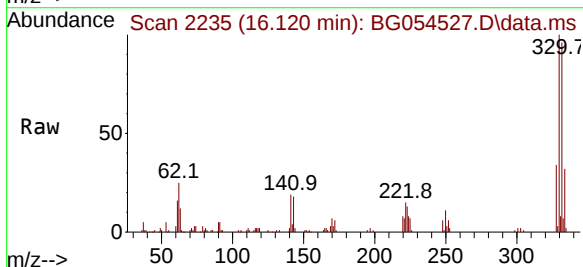
Instrument :
BNA_G
ClientSampleId :
RVE-99

Tgt Ion:164 Resp: 59523
Ion Ratio Lower Upper
164 100
162 107.4 82.3 123.5
160 43.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 54.139 ng
RT: 16.120 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Tgt Ion:330 Resp: 67661
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 20.2 27.1 40.7#

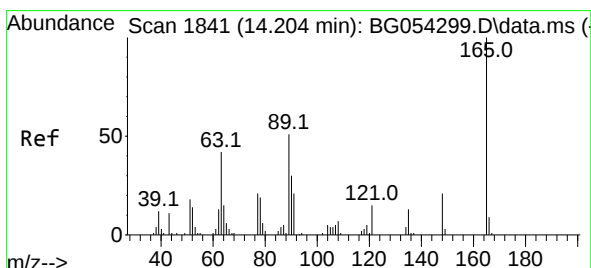
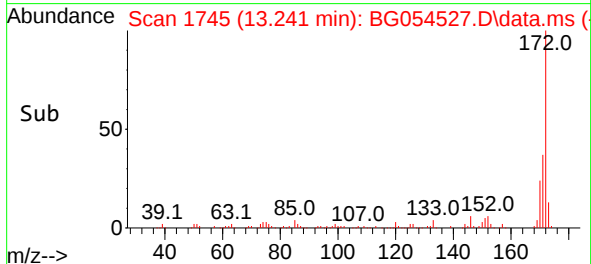
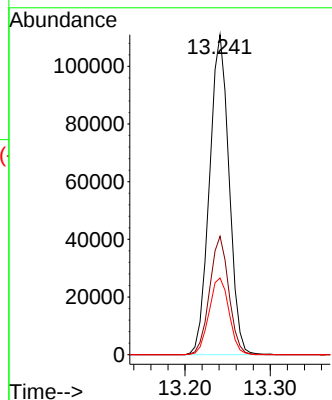
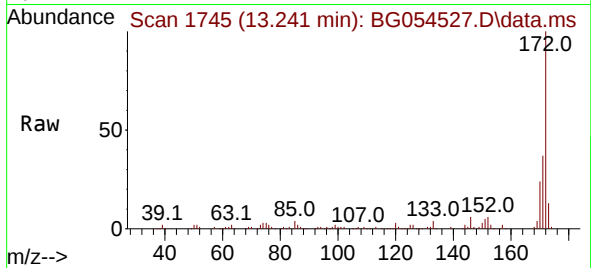




#45
2-Fluorobiphenyl
Concen: 41.842 ng
RT: 13.241 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

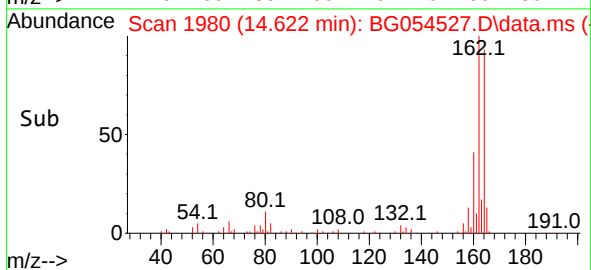
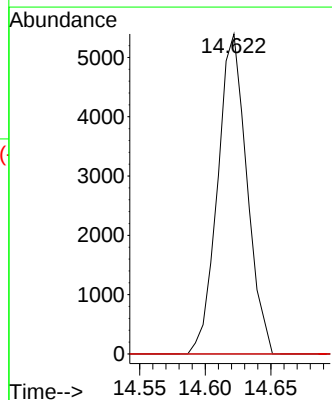
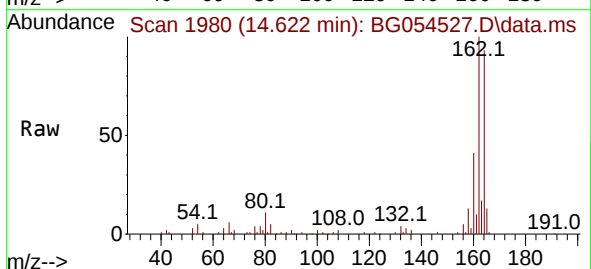
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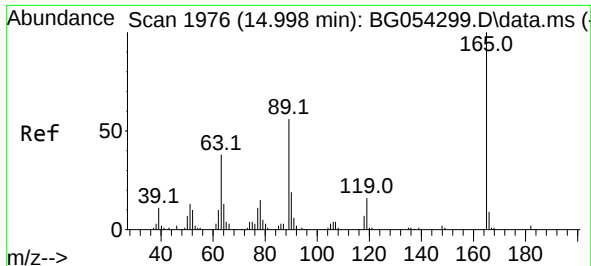
Tgt Ion:172 Resp: 176548
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.198 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Tgt Ion:165 Resp: 8360
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

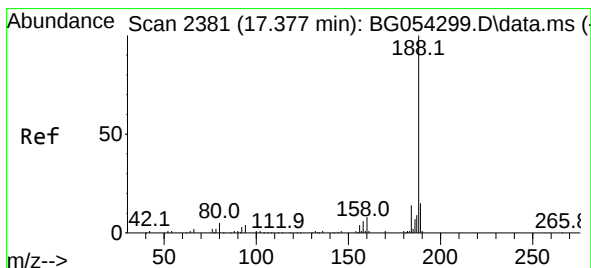
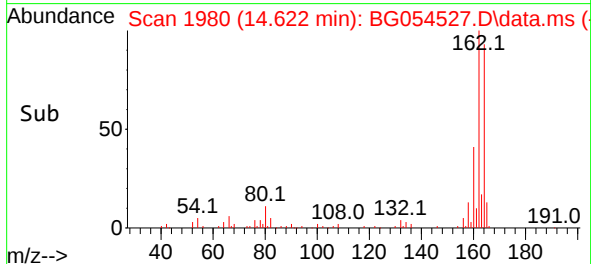
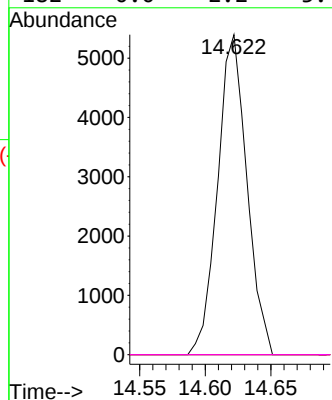
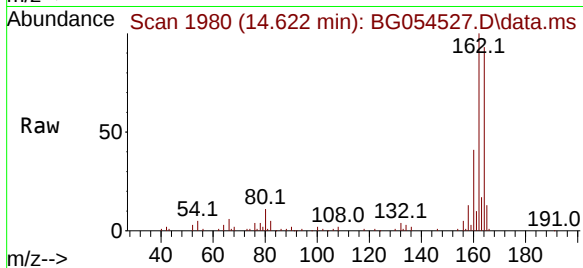




#57
2,4-Dinitrotoluene
Concen: 5.718 ng
RT: 14.622 min Scan# 14
Delta R.T. -0.370 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

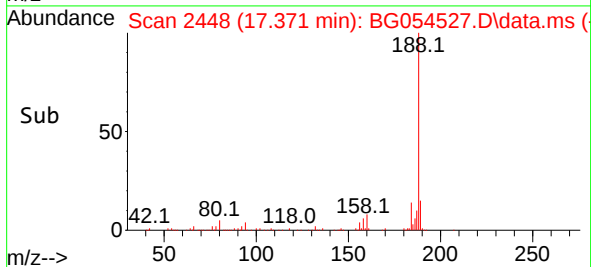
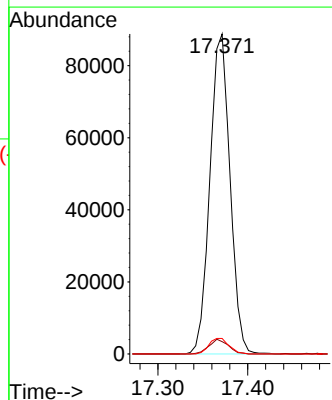
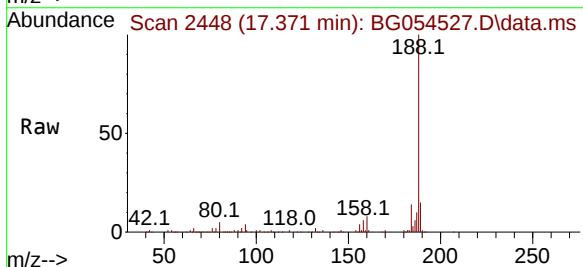
Instrument :
BNA_G
ClientSampleId :
RVE-99

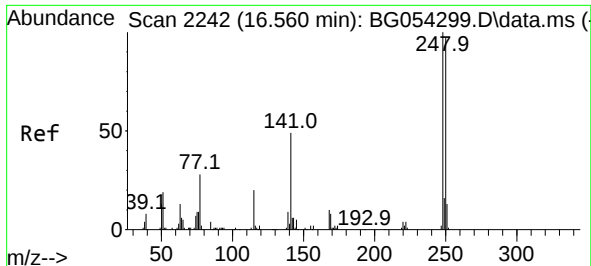
Tgt Ion:165 Resp: 8360
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Tgt Ion:188 Resp: 137929
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 4.9 6.8 10.2#

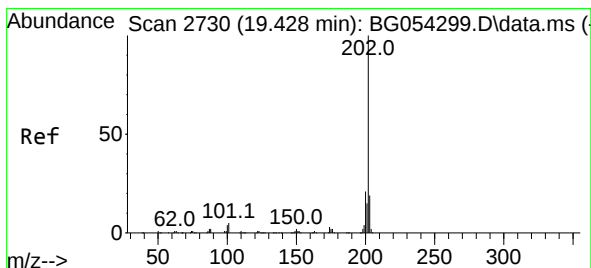
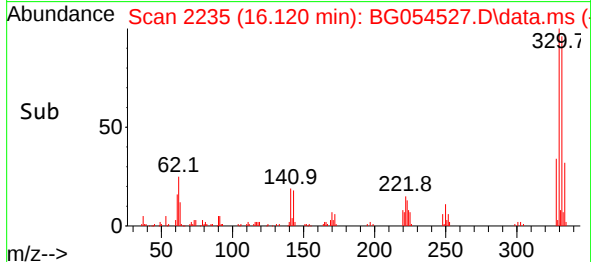
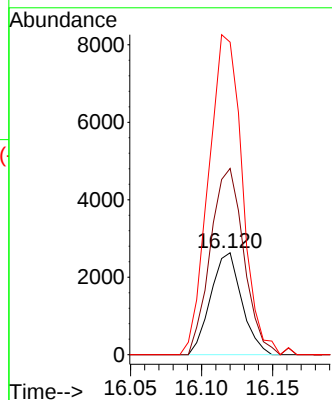
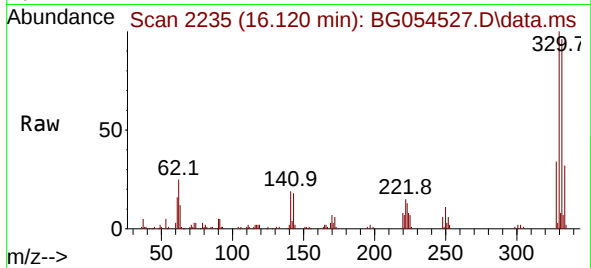




#67
4-Bromophenyl-phenylether
Concen: 2.063 ng
RT: 16.120 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

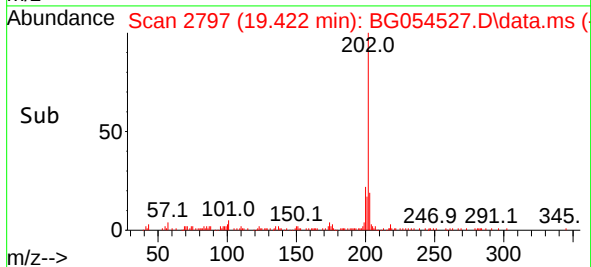
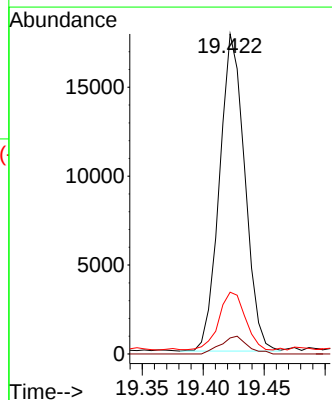
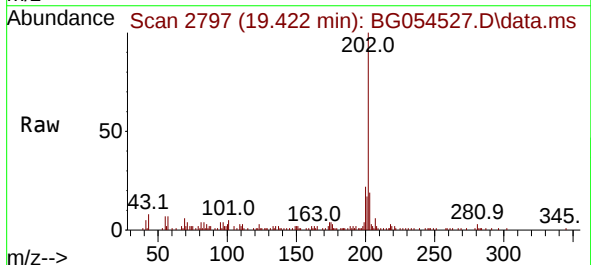
Instrument :
BNA_G
ClientSampleId :
RVE-99

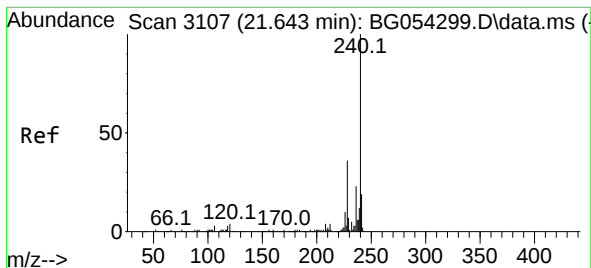
Tgt Ion:248 Resp: 3997
Ion Ratio Lower Upper
248 100
250 238.2 75.2 112.8#
141 306.7 50.0 75.0#



#75
Fluoranthene
Concen: 2.755 ng
RT: 19.422 min Scan# 2797
Delta R.T. -0.000 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Tgt Ion:202 Resp: 25800
Ion Ratio Lower Upper
202 100
101 5.0 0.0 26.9
203 19.3 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.637 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG054527.D

Acq: 4 Aug 2022 20:37

Instrument :

BNA_G

ClientSampleId :

RVE-99

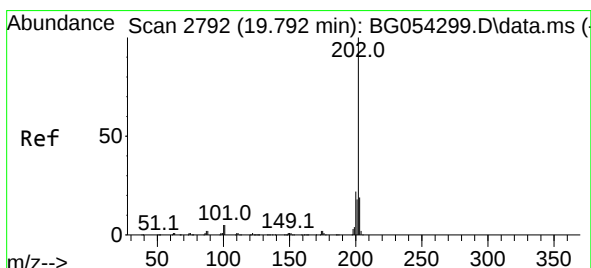
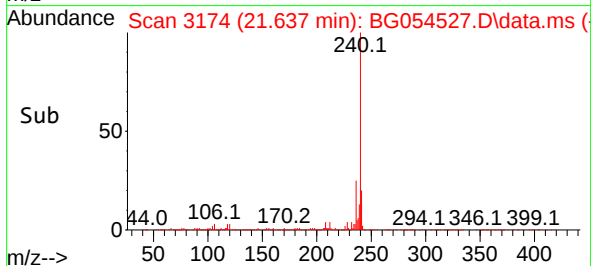
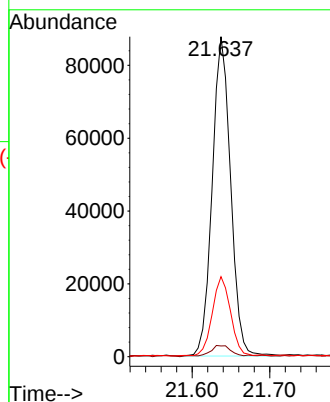
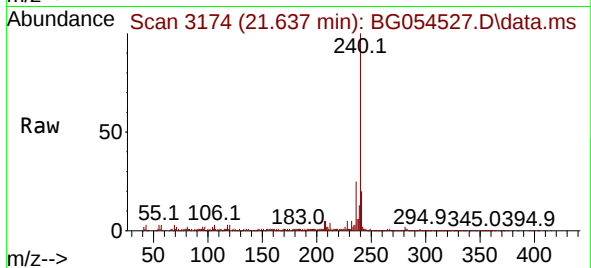
Tgt Ion:240 Resp: 144913

Ion Ratio Lower Upper

240 100

120 3.3 4.6 7.0#

236 25.0 20.2 30.4



#78

Pyrene

Concen: 3.686 ng

RT: 19.786 min Scan# 2859

Delta R.T. -0.000 min

Lab File: BG054527.D

Acq: 4 Aug 2022 20:37

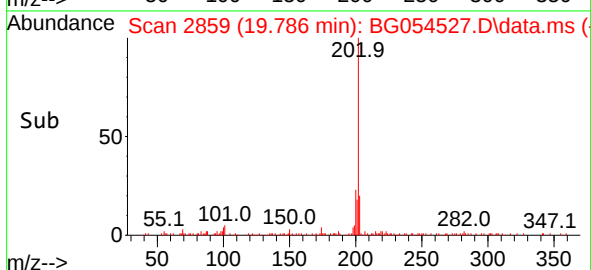
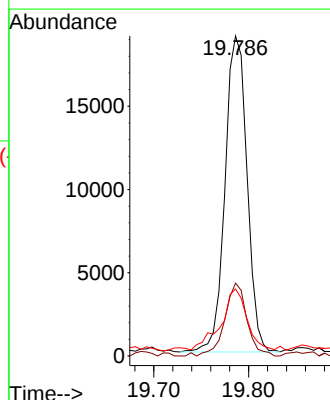
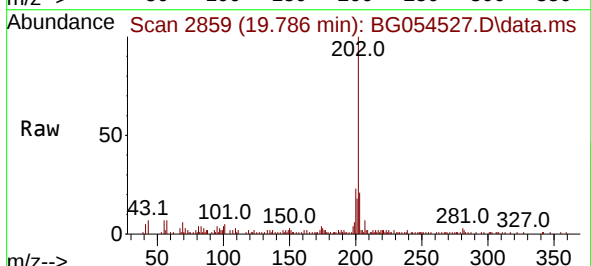
Tgt Ion:202 Resp: 30650

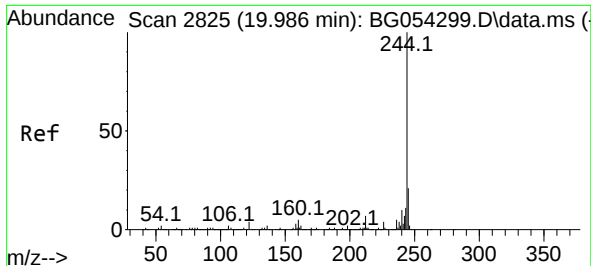
Ion Ratio Lower Upper

202 100

200 22.8 16.6 24.8

203 20.9 14.6 21.8

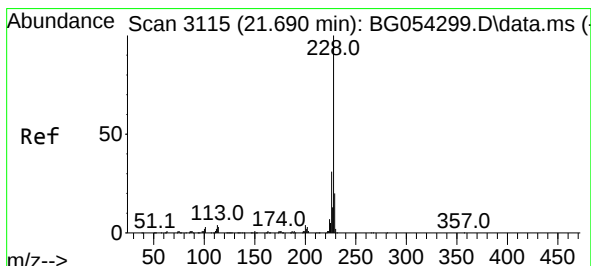
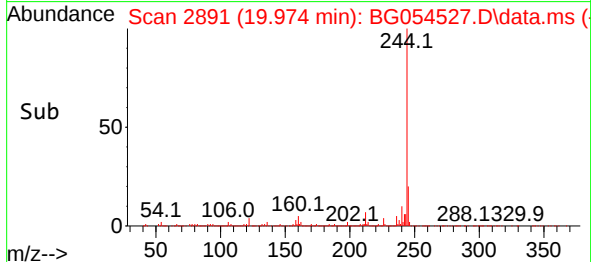
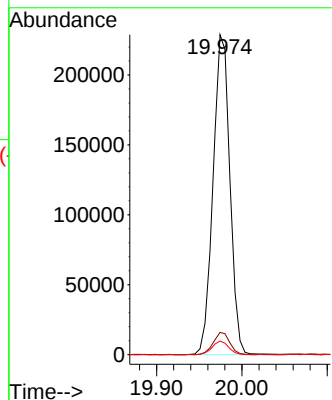
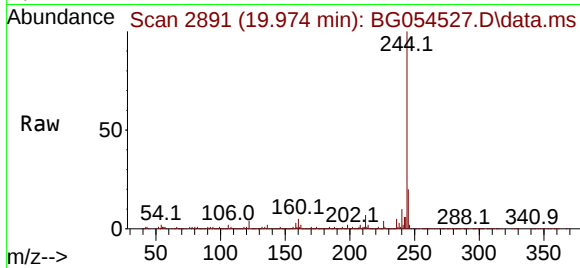




#79
 Terphenyl-d14
 Concen: 42.903 ng
 RT: 19.974 min Scan# 2891
 Delta R.T. -0.006 min
 Lab File: BG054527.D
 Acq: 4 Aug 2022 20:37

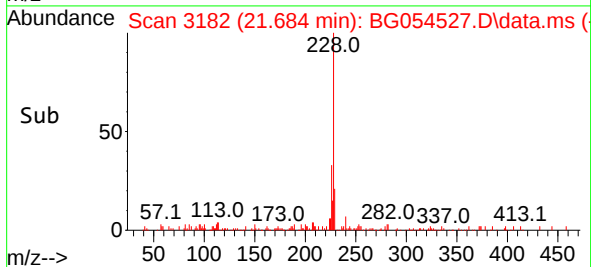
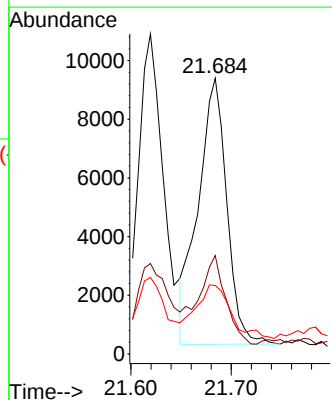
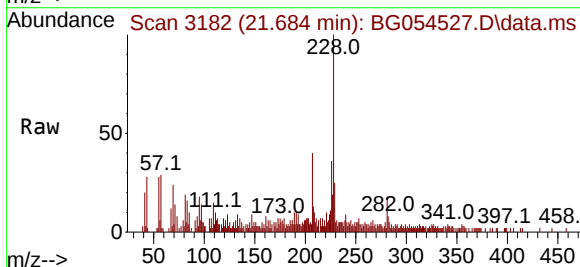
Instrument :
 BNA_G
 ClientSampleId :
 RVE-99

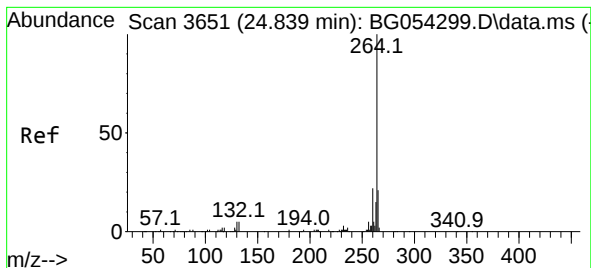
Tgt Ion:244 Resp: 313399
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.3 5.0 7.4#



#83
 Chrysene
 Concen: 2.076 ng
 RT: 21.684 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: BG054527.D
 Acq: 4 Aug 2022 20:37

Tgt Ion:228 Resp: 18043
 Ion Ratio Lower Upper
 228 100
 226 35.7 23.4 35.2#
 229 24.8 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.851 min Scan# 31

Delta R.T. 0.018 min

Lab File: BG054527.D

Acq: 4 Aug 2022 20:37

Instrument :

BNA_G

ClientSampleId :

RVE-99

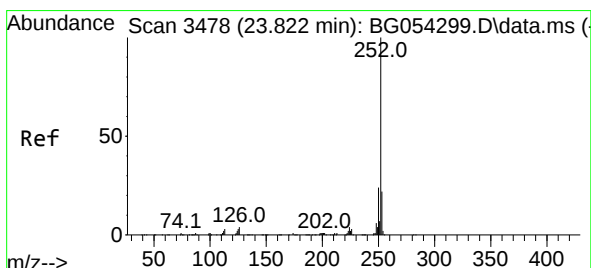
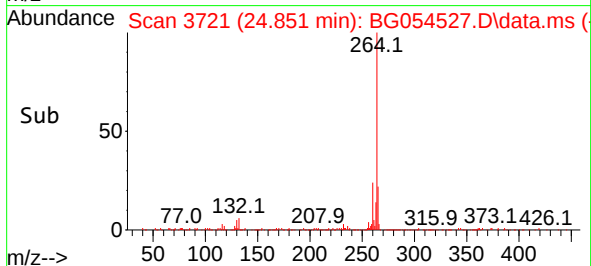
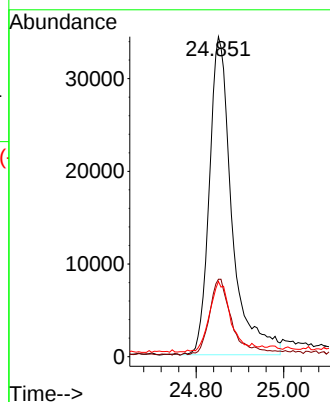
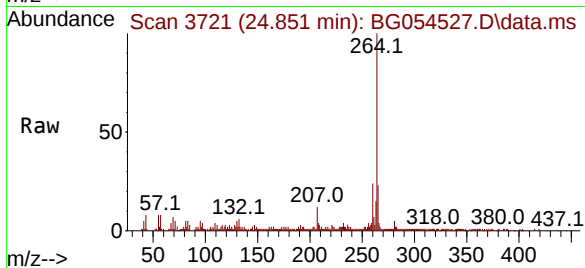
Tgt Ion:264 Resp: 123203

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 23.5 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.874 ng

RT: 23.834 min Scan# 3548

Delta R.T. 0.012 min

Lab File: BG054527.D

Acq: 4 Aug 2022 20:37

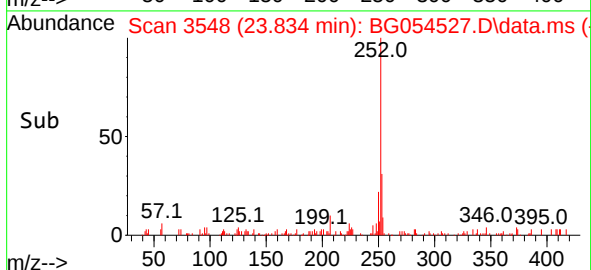
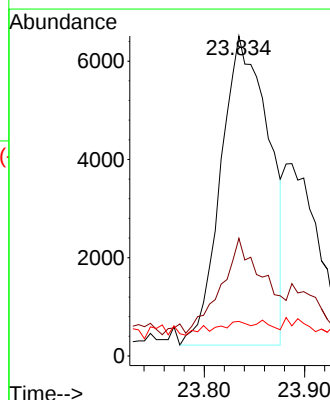
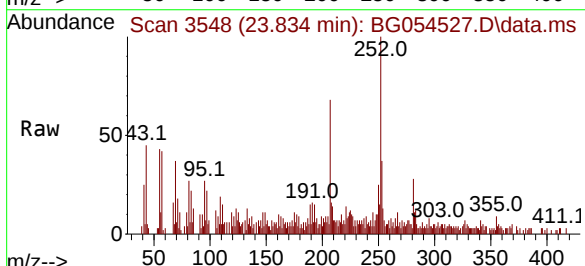
Tgt Ion:252 Resp: 20941

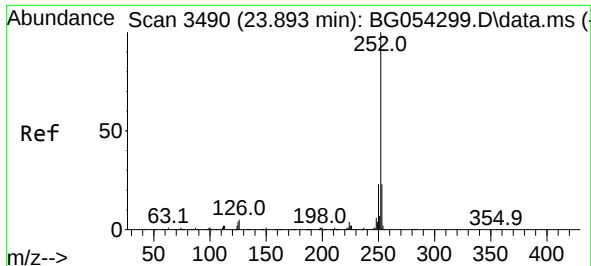
Ion Ratio Lower Upper

252 100

253 36.7 18.0 27.0#

125 10.8 4.6 6.8#

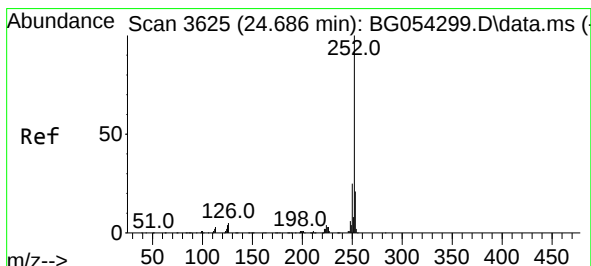
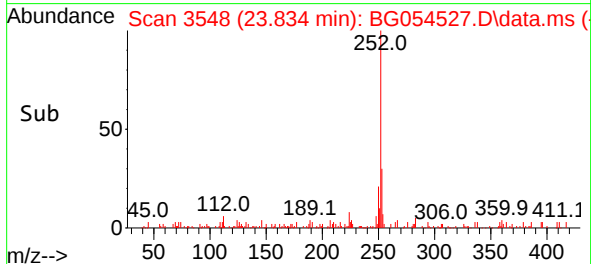
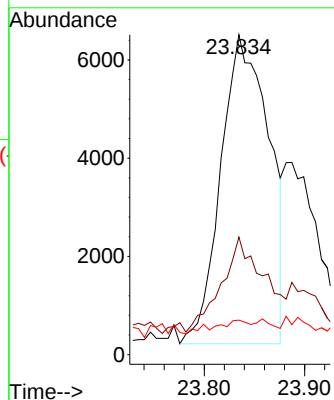
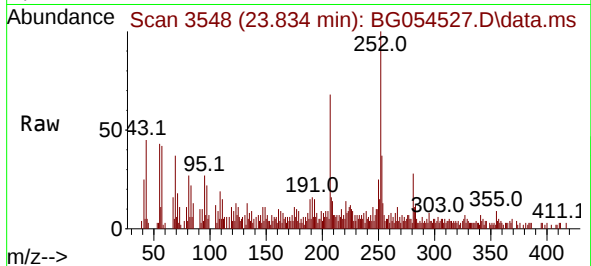




#89
Benzo(k)fluoranthene
Concen: 2.888 ng
RT: 23.834 min Scan# 31
Delta R.T. -0.053 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Instrument :
BNA_G
ClientSampleId :
RVE-99

Tgt Ion:252 Resp: 20941
Ion Ratio Lower Upper
252 100
253 36.7 18.4 27.6#
125 10.8 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 2.333 ng
RT: 24.704 min Scan# 3696
Delta R.T. 0.018 min
Lab File: BG054527.D
Acq: 4 Aug 2022 20:37

Tgt Ion:252 Resp: 14519
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.8
125 13.4 4.3 6.5#

