

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054526.D
 Acq On : 4 Aug 2022 19:54
 Operator : CG/JU
 Sample : N3927-12RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-85

Quant Time: Aug 05 05:03:12 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)

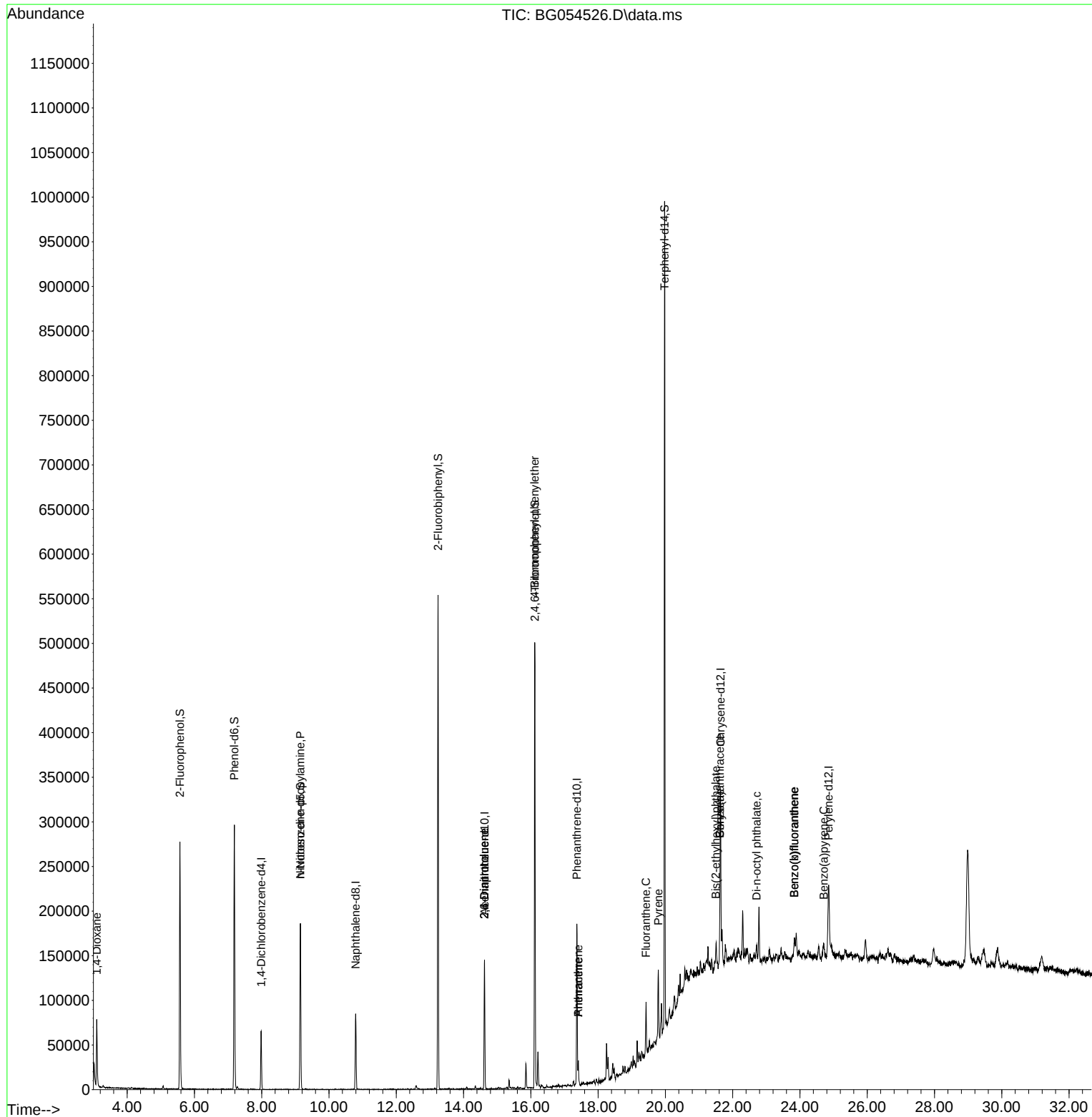
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	20405	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	77345	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	56549	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	127477	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	136339	20.000	ng	# 0.00
86) Perylene-d12	24.853	264	121335	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	128824	131.816	ng	0.00
7) Phenol-d6	7.186	99	174666	130.431	ng	0.01
23) Nitrobenzene-d5	9.148	82	114337	80.502	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	136062	114.596	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	323112	80.605	ng	0.00
79) Terphenyl-d14	19.977	244	529309	77.017	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.096	88	819	2.106	ng	# 1
9) Benzaldehyde	7.186	77	321	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.148	70	16566	18.525	ng	# 83
51) 2,6-Dinitrotoluene	14.618	165	7678	7.925	ng	# 16
57) 2,4-Dinitrotoluene	14.618	165	7678	5.528	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	8258	4.613	ng	# 1
71) Phenanthrene	17.409	178	18566	2.925	ng	95
72) Anthracene	17.409	178	18566	2.980	ng	98
75) Fluoranthene	19.424	202	36959	4.271	ng	94
78) Pyrene	19.789	202	52942	6.767	ng	99
81) Benzo(a)anthracene	21.622	228	26020	3.006	ng	97
83) Chrysene	21.622	228	26020	3.182	ng	96
84) Bis(2-ethylhexyl)phtha...	21.504	149	16403	4.755	ng	# 88
85) Di-n-octyl phthalate	22.715	149	15410	2.618	ng	# 92
88) Benzo(b)fluoranthene	23.831	252	41889	5.838	ng	# 92
89) Benzo(k)fluoranthene	23.831	252	41889	5.866	ng	# 93
90) Benzo(a)pyrene	24.706	252	20503	3.346	ng	# 84

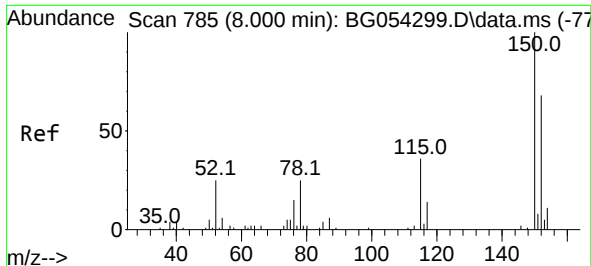
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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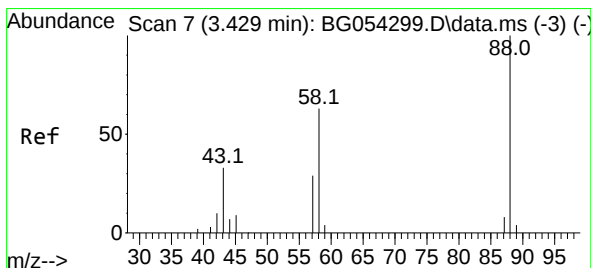
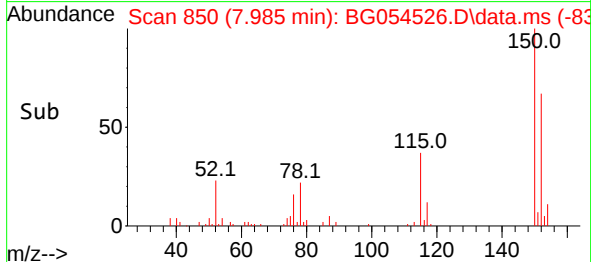
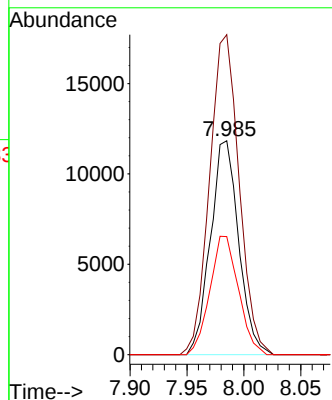
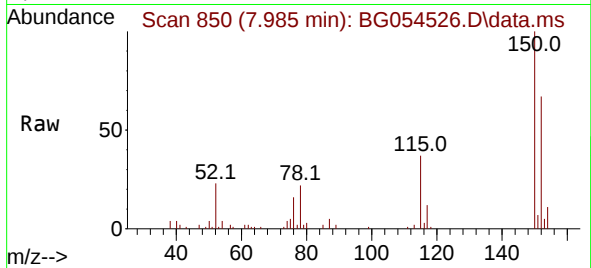




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.985 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG054526.D
 Acq: 4 Aug 2022 19:54

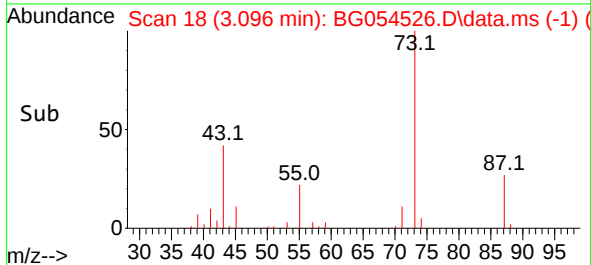
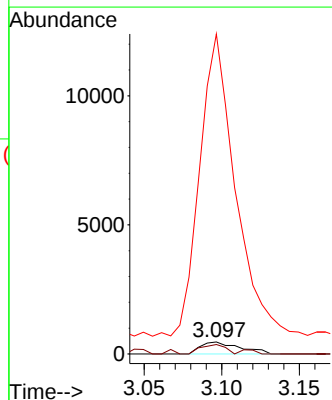
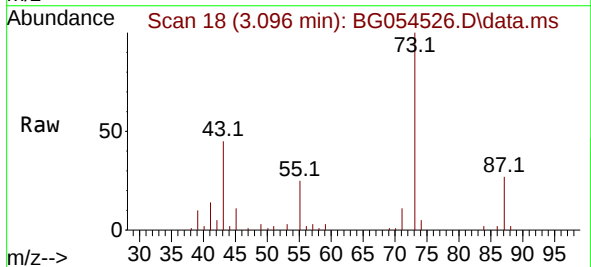
Instrument :
 BNA_G
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 RVE-85

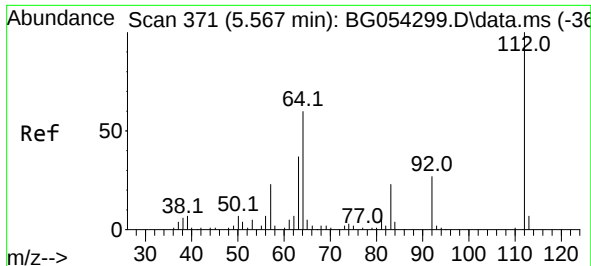
Tgt Ion:152 Resp: 20405
 Ion Ratio Lower Upper
 152 100
 150 149.6 131.6 197.4
 115 55.2 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.106 ng
 RT: 3.096 min Scan# 18
 Delta R.T. -0.321 min
 Lab File: BG054526.D
 Acq: 4 Aug 2022 19:54

Tgt Ion: 88 Resp: 819
 Ion Ratio Lower Upper
 88 100
 58 49.7 59.2 88.8#
 43 2282.4 24.3 36.5#

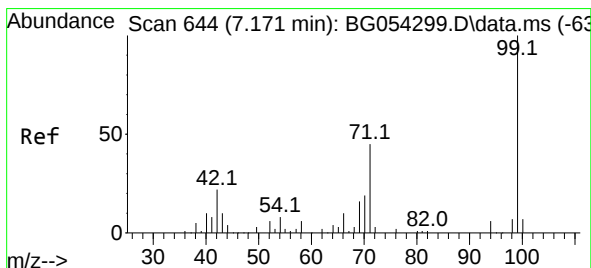
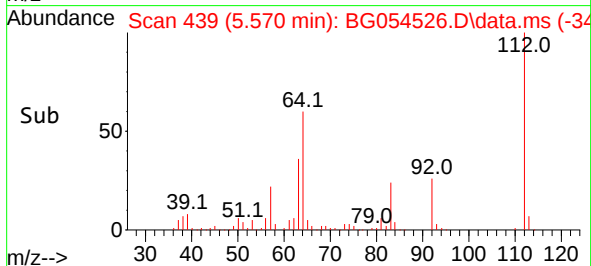
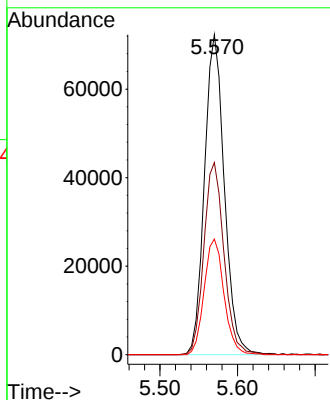
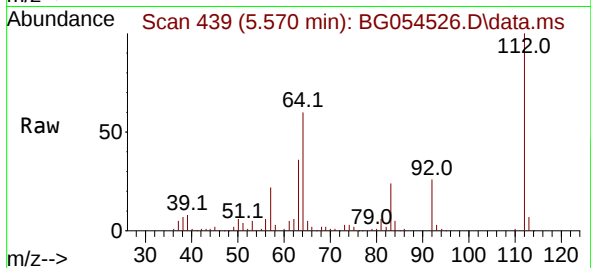




#5
2-Fluorophenol
Concen: 131.816 ng
RT: 5.570 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

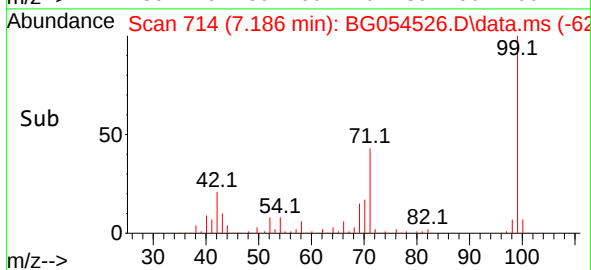
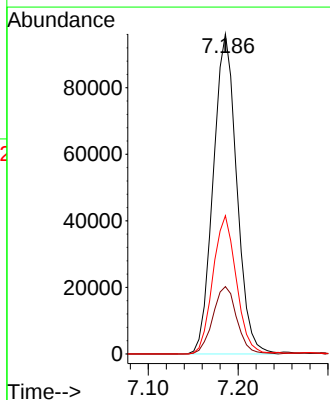
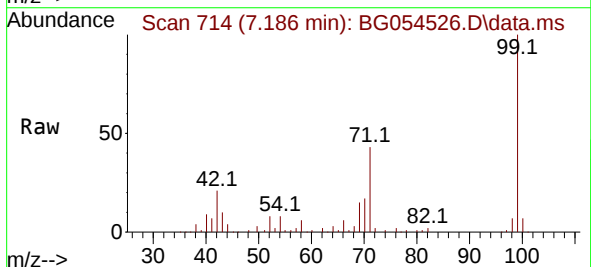
Instrument :
BNA_G
ClientSampleId :
RVE-85

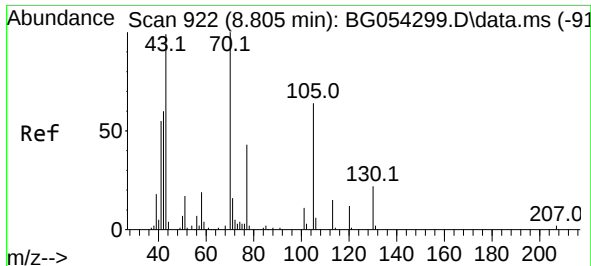
Tgt Ion:112 Resp: 128824
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 36.2 30.4 45.6



#7
Phenol-d6
Concen: 130.431 ng
RT: 7.186 min Scan# 714
Delta R.T. 0.014 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion: 99 Resp: 174666
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 43.2 33.8 50.8

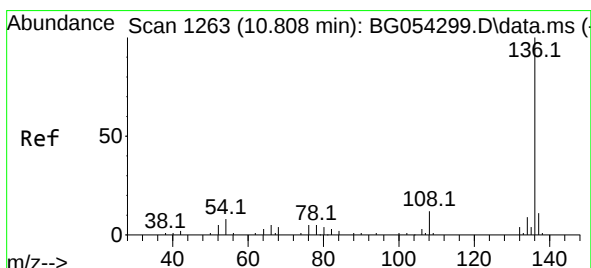
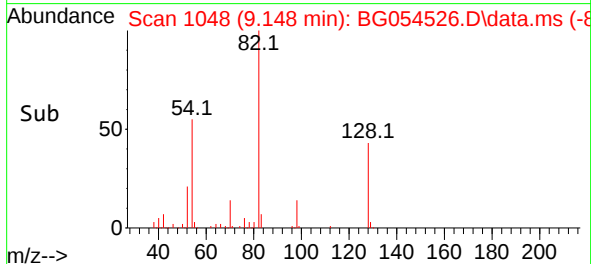
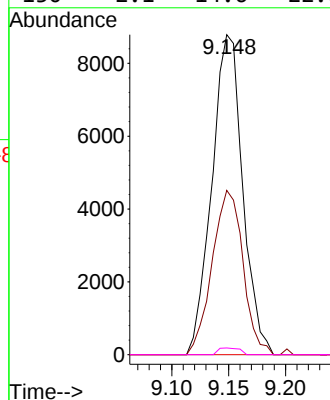
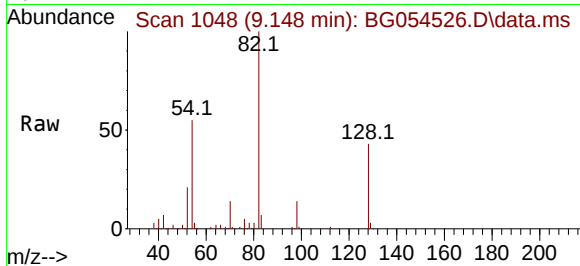




#19
n-Nitroso-di-n-propylamine
Concen: 18.525 ng
RT: 9.148 min Scan# 1048
Delta R.T. 0.355 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

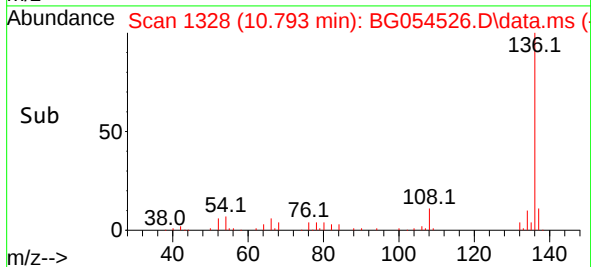
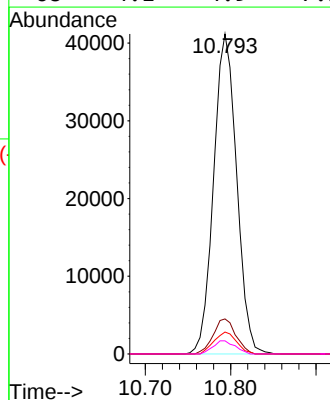
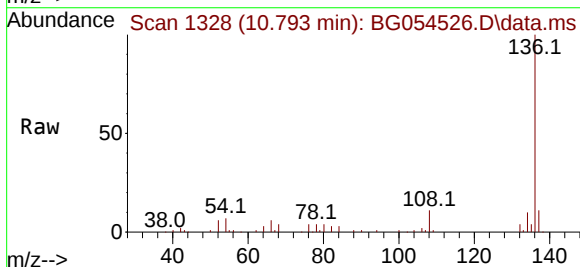
Instrument :
BNA_G
ClientSampleId :
RVE-85

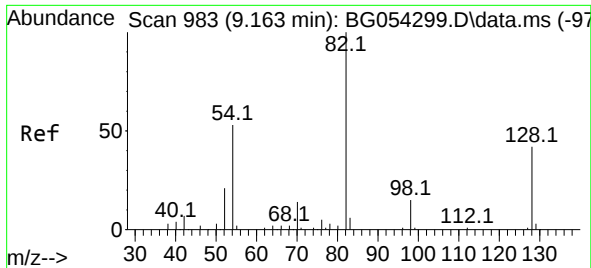
Tgt Ion:	70	Resp:	16566
Ion Ratio	Lower	Upper	
70	100		
42	51.3	47.3	70.9
101	0.0	7.0	10.4#
130	2.1	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion:	136	Resp:	77345
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	6.9	7.4	11.2#
68	4.1	4.9	7.3#

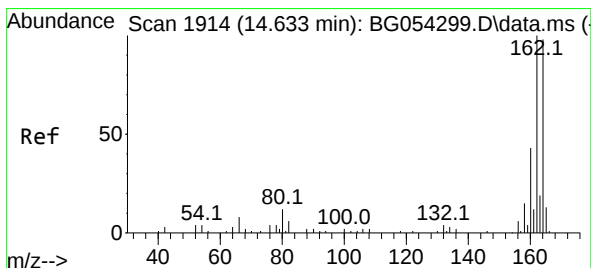
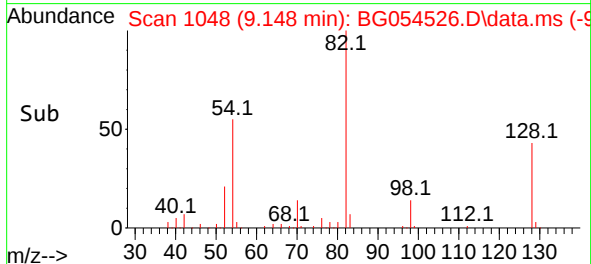
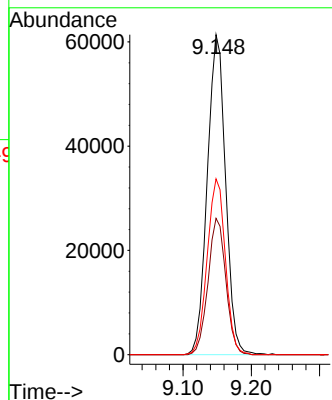
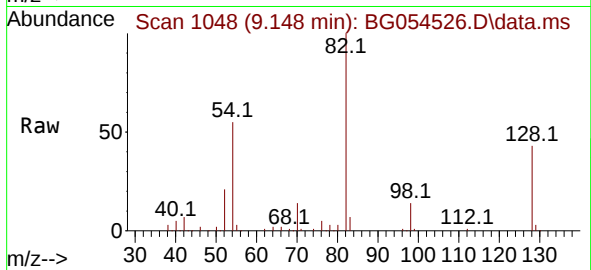




#23
Nitrobenzene-d5
Concen: 80.502 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

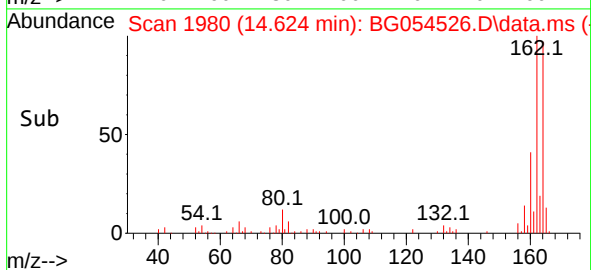
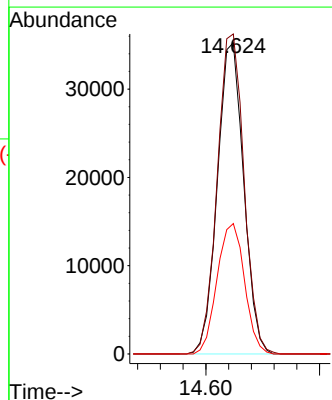
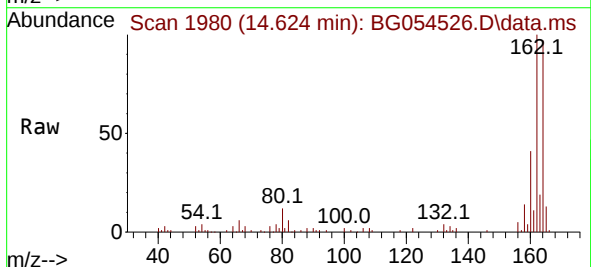
Instrument :
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ClientSampleId :
RVE-85

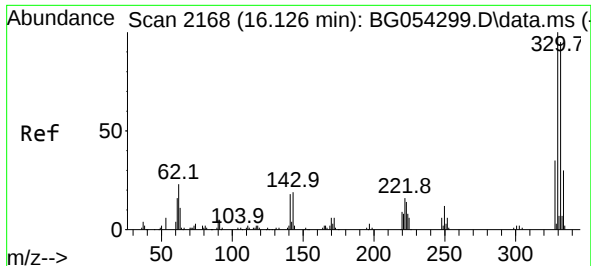
Tgt Ion: 82 Resp: 114337
Ion Ratio Lower Upper
82 100
128 42.6 27.9 41.9#
54 54.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.002 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion:164 Resp: 56549
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 41.9 34.2 51.2

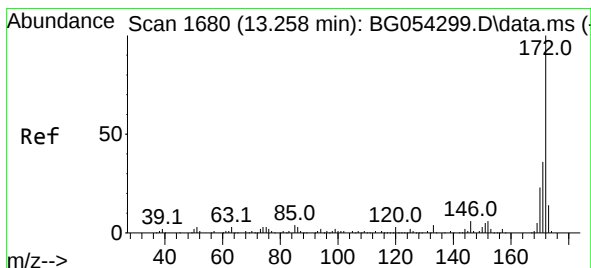
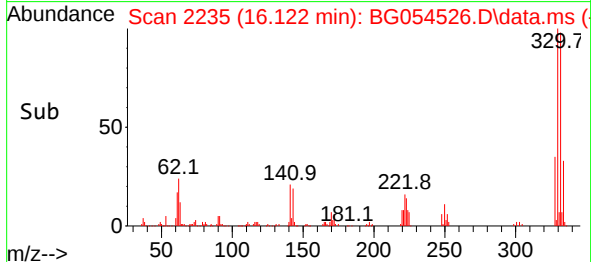
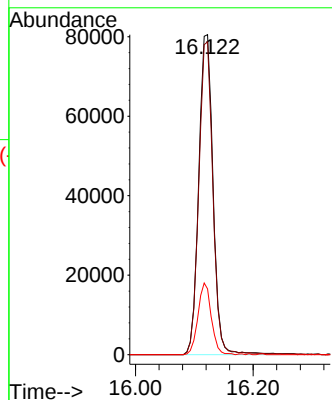
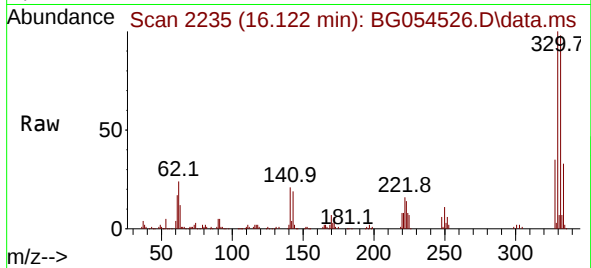




#42
2,4,6-Tribromophenol
Concen: 114.596 ng
RT: 16.122 min Scan# 2168
Delta R.T. 0.008 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

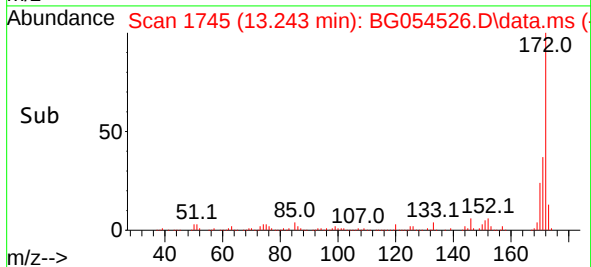
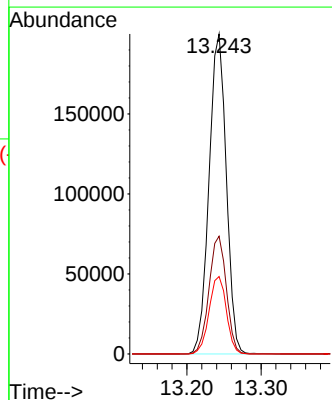
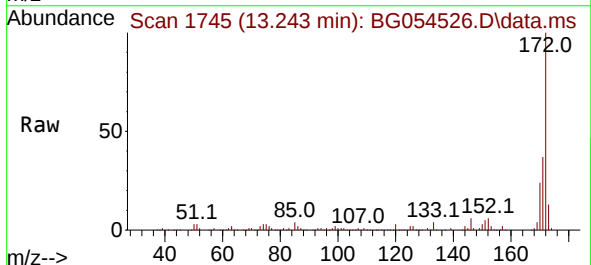
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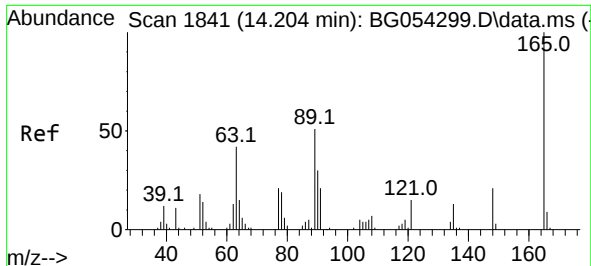
Tgt Ion:330 Resp: 136062
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 20.9 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 80.605 ng
RT: 13.243 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion:172 Resp: 323112
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.2 18.9 28.3

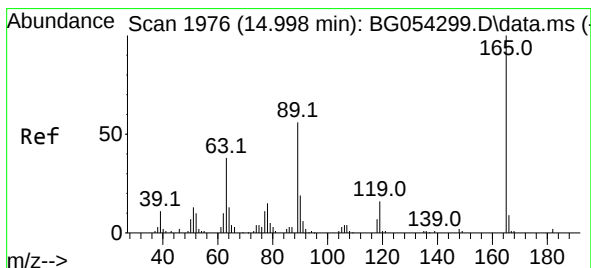
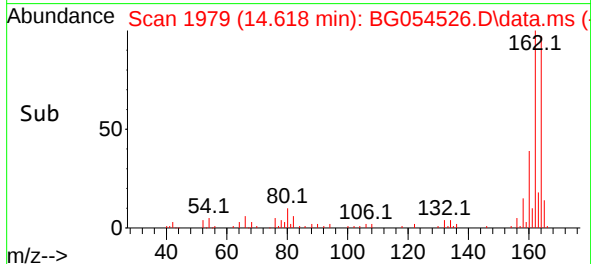
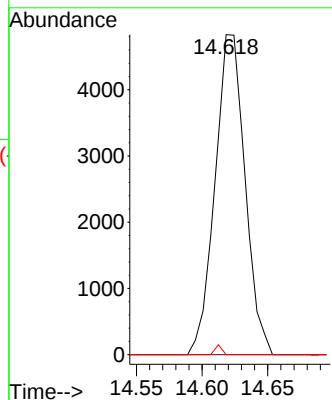
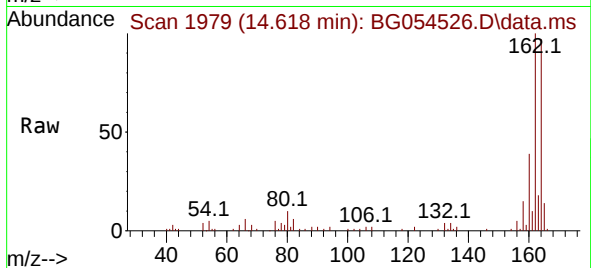




#51
2,6-Dinitrotoluene
Concen: 7.925 ng
RT: 14.618 min Scan# 1979
Delta R.T. 0.420 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

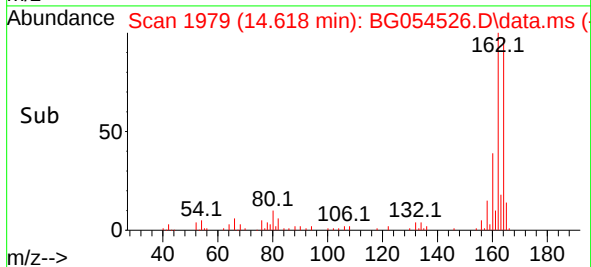
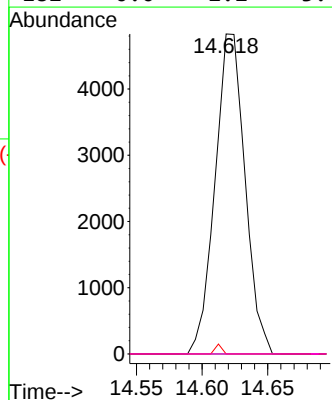
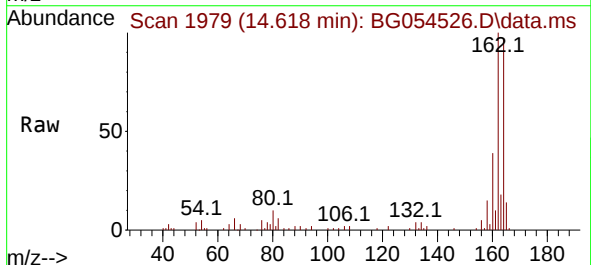
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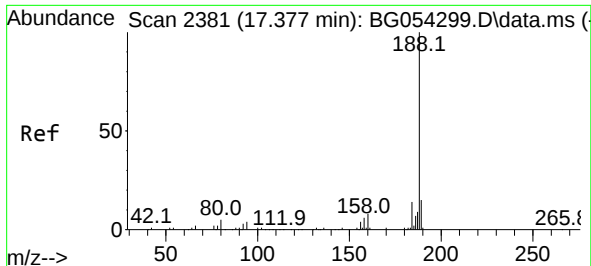
Tgt Ion:165 Resp: 7678
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.528 ng
RT: 14.618 min Scan# 1979
Delta R.T. -0.374 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion:165 Resp: 7678
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#

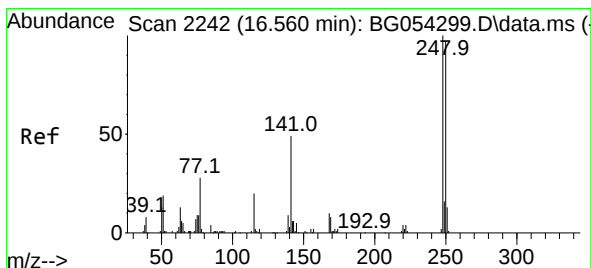
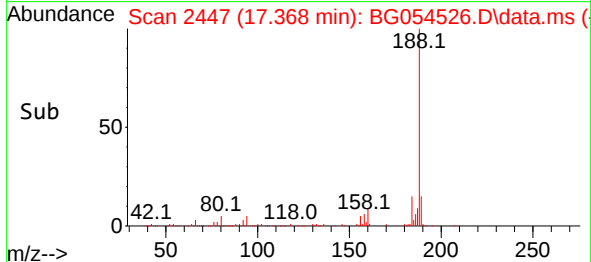
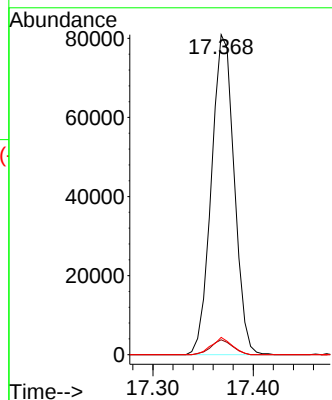
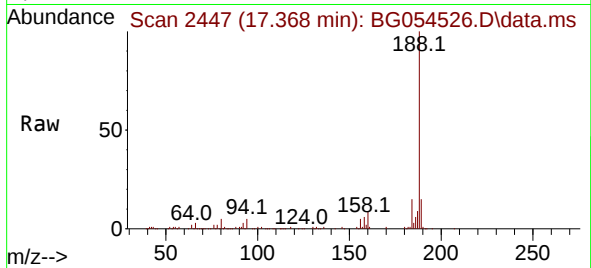




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

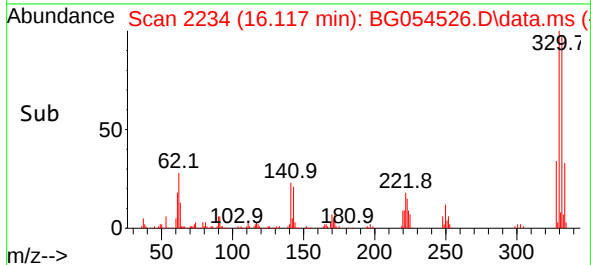
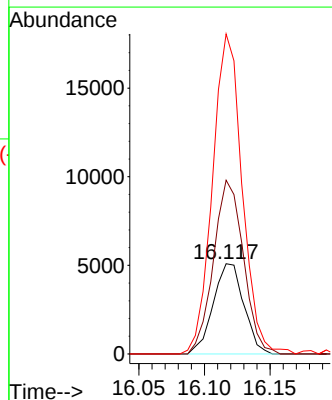
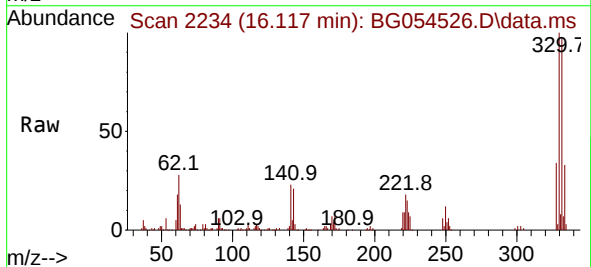
Instrument :
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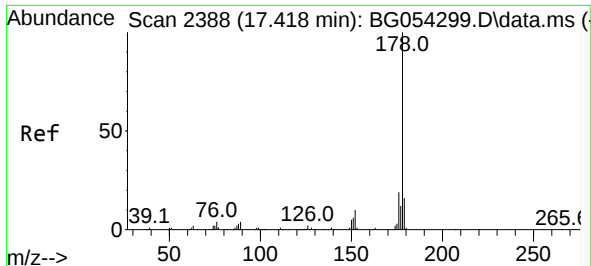
Tgt Ion:188 Resp: 127477
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.4 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.613 ng
RT: 16.117 min Scan# 2234
Delta R.T. -0.438 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion:248 Resp: 8258
Ion Ratio Lower Upper
248 100
250 192.7 75.2 112.8#
141 354.7 50.0 75.0#

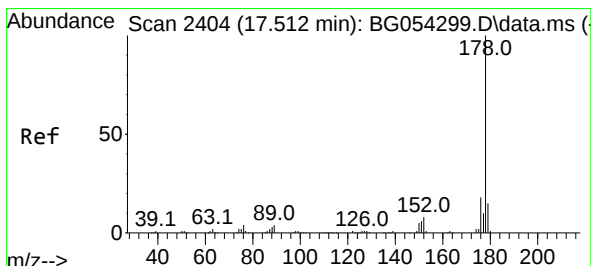
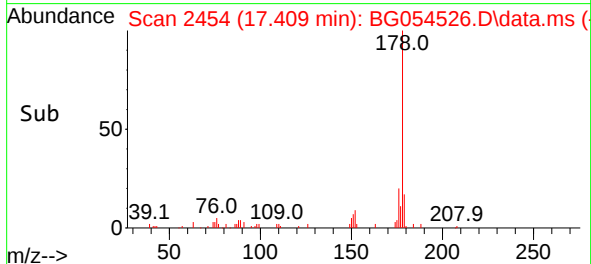
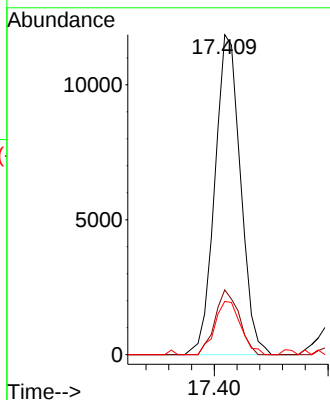
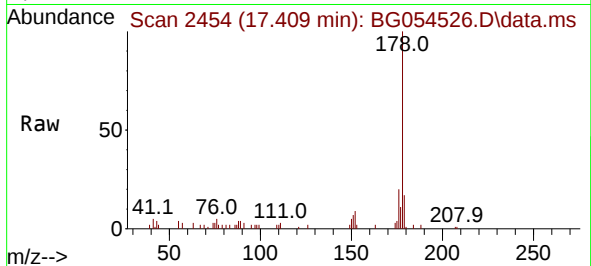




#71
Phenanthrene
Concen: 2.925 ng
RT: 17.409 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

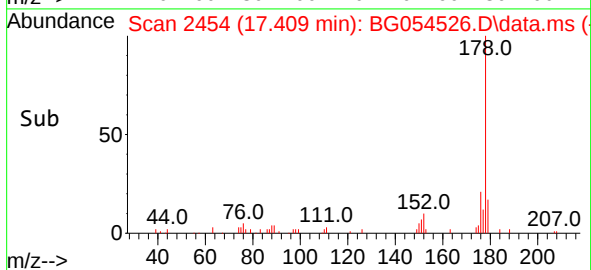
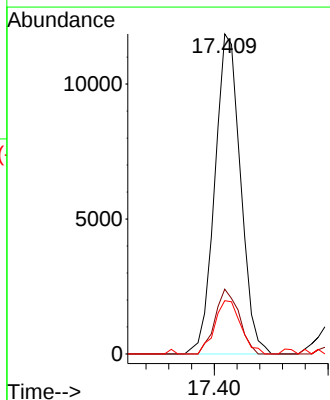
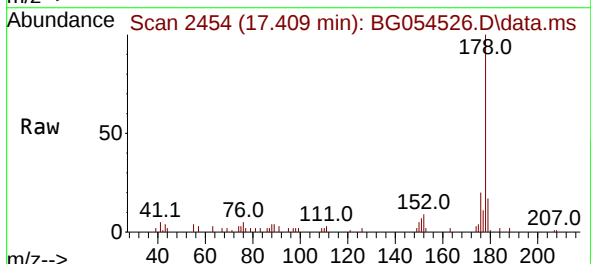
Instrument :
BNA_G
ClientSampleId :
RVE-85

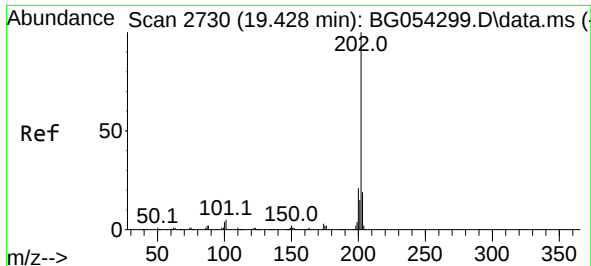
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.1	21.1
179	16.7	12.1	18.1



#72
Anthracene
Concen: 2.980 ng
RT: 17.409 min Scan# 2454
Delta R.T. -0.092 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	16.7	13.0	19.4

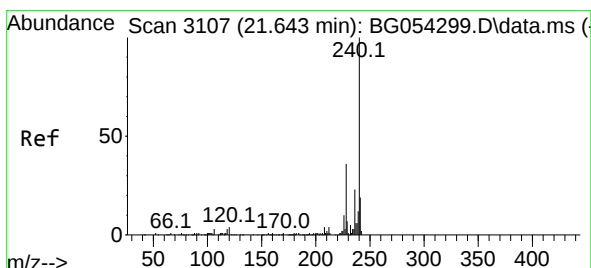
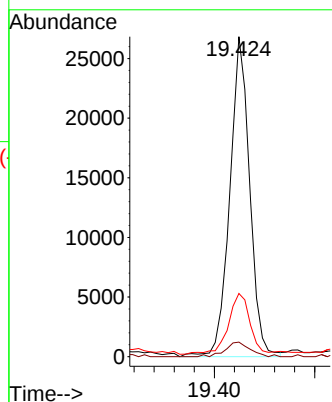
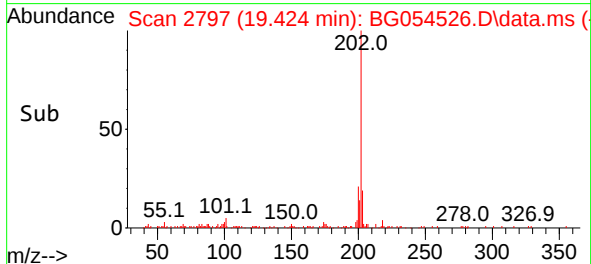
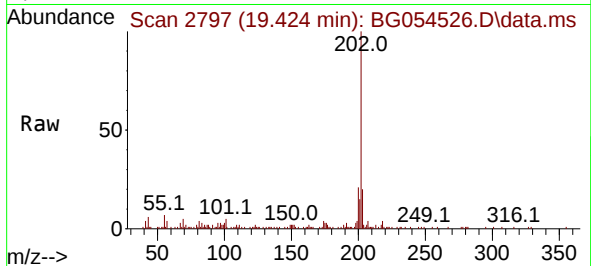




#75
Fluoranthene
Concen: 4.271 ng
RT: 19.424 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

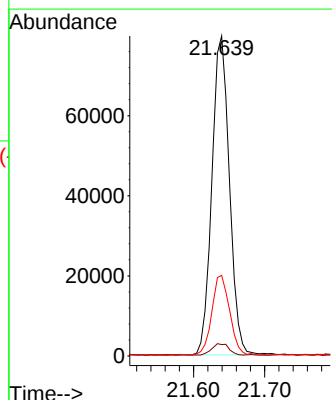
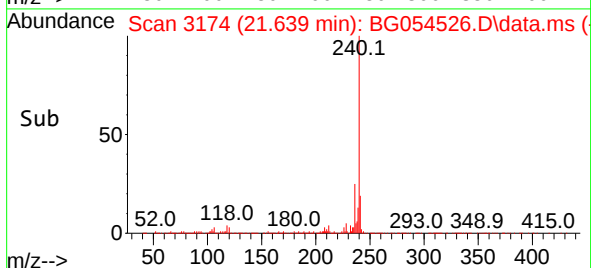
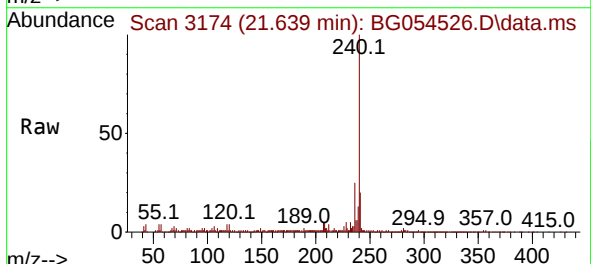
Instrument :
BNA_G
ClientSampleId :
RVE-85

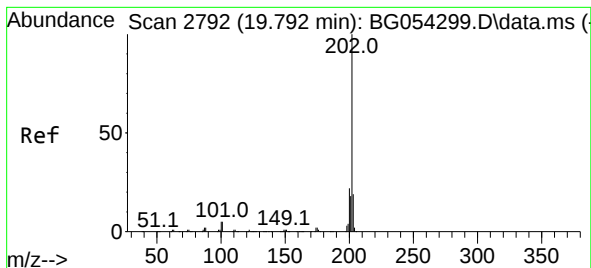
Tgt Ion:202 Resp: 36959
Ion Ratio Lower Upper
202 100
101 5.3 0.0 26.9
203 19.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion:240 Resp: 136339
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 25.2 20.2 30.4





#78

Pyrene

Concen: 6.767 ng

RT: 19.789 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054526.D

Acq: 4 Aug 2022 19:54

Instrument :

BNA_G

ClientSampleId :

RVE-85

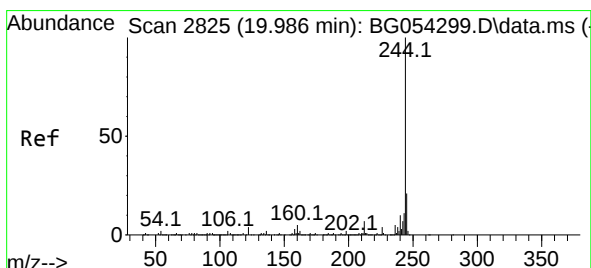
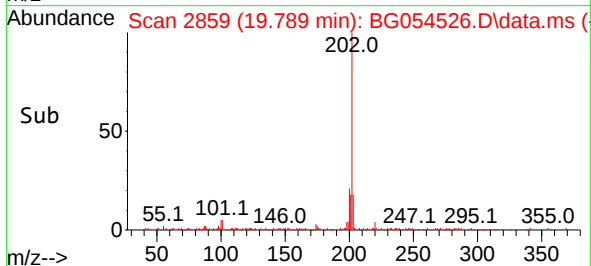
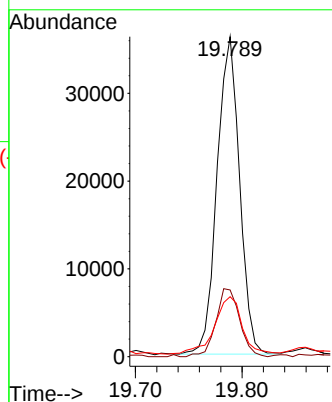
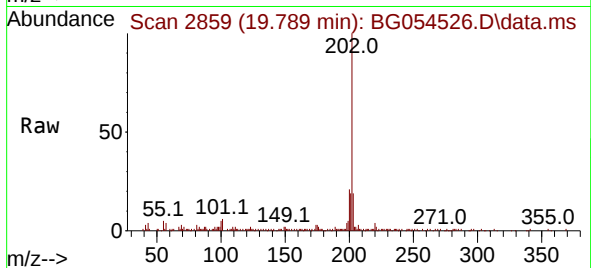
Tgt Ion:202 Resp: 52942

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 18.7 14.6 21.8



#79

Terphenyl-d14

Concen: 77.017 ng

RT: 19.977 min Scan# 2891

Delta R.T. -0.003 min

Lab File: BG054526.D

Acq: 4 Aug 2022 19:54

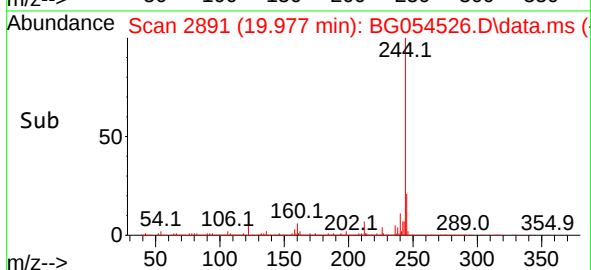
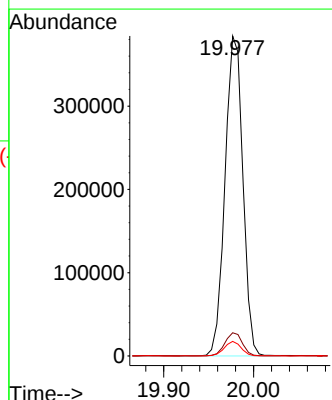
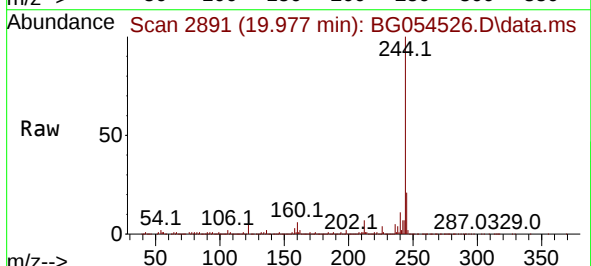
Tgt Ion:244 Resp: 529309

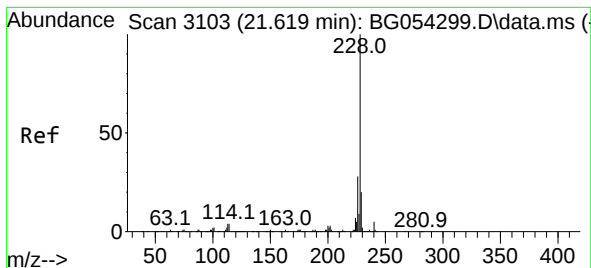
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 4.5 5.0 7.4#





#81

Benzo(a)anthracene

Concen: 3.006 ng

RT: 21.622 min Scan# 3171

Delta R.T. 0.008 min

Lab File: BG054526.D

Acq: 4 Aug 2022 19:54

Instrument :

BNA_G

ClientSampleId :

RVE-85

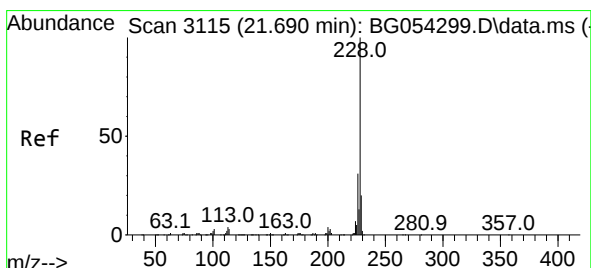
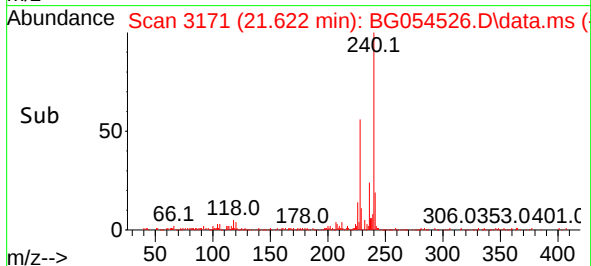
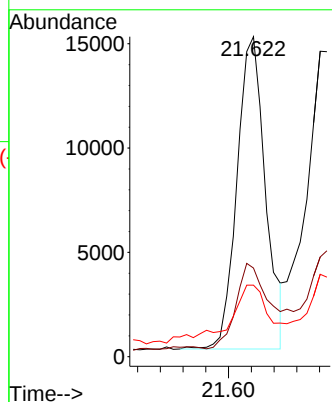
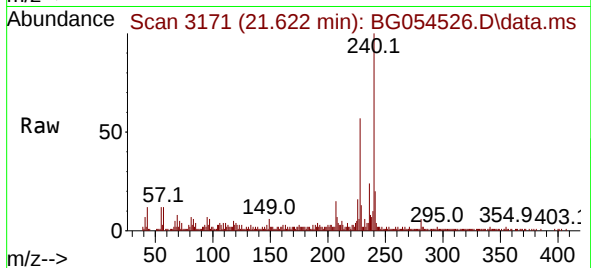
Tgt Ion:228 Resp: 26020

Ion Ratio Lower Upper

228 100

226 27.7 21.6 32.4

229 22.4 16.2 24.2



#83

Chrysene

Concen: 3.182 ng

RT: 21.622 min Scan# 3171

Delta R.T. -0.062 min

Lab File: BG054526.D

Acq: 4 Aug 2022 19:54

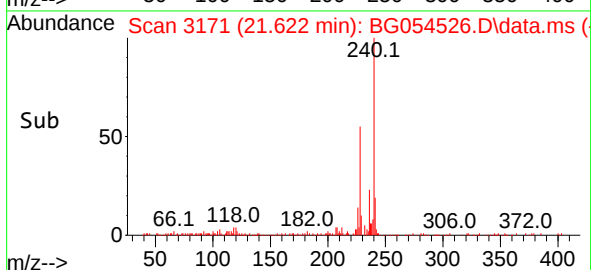
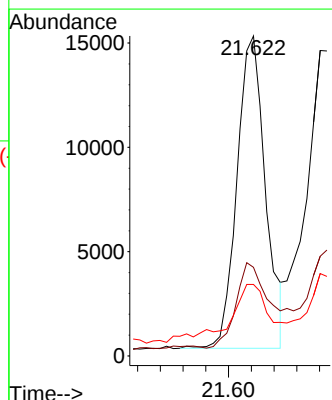
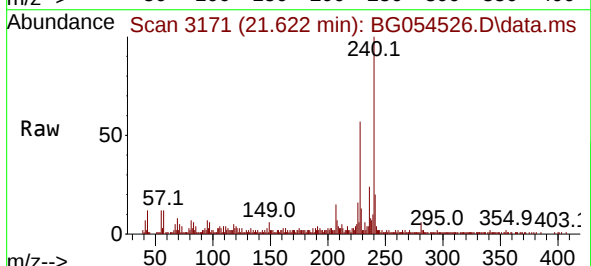
Tgt Ion:228 Resp: 26020

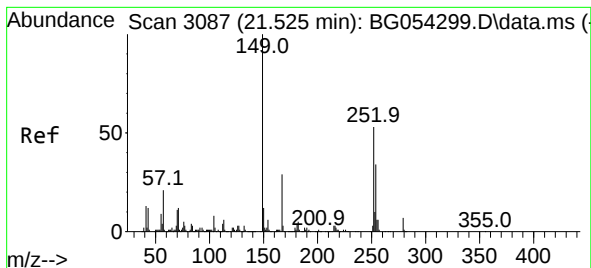
Ion Ratio Lower Upper

228 100

226 27.7 23.4 35.2

229 22.4 15.5 23.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.755 ng

RT: 21.504 min Scan# 3151

Delta R.T. -0.009 min

Lab File: BG054526.D

Acq: 4 Aug 2022 19:54

Instrument :

BNA_G

ClientSampleId :

RVE-85

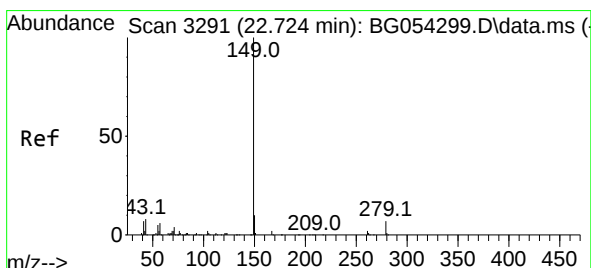
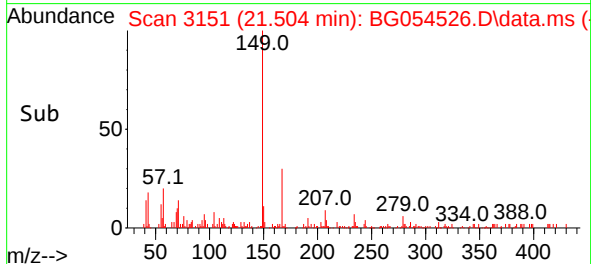
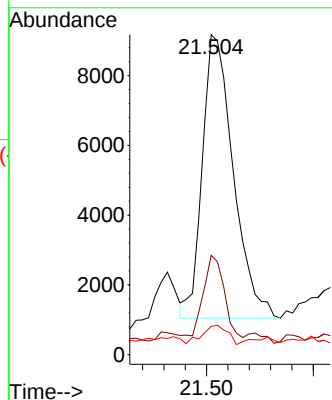
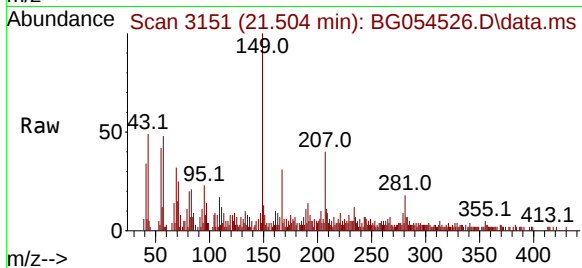
Tgt Ion:149 Resp: 16403

Ion Ratio Lower Upper

149 100

167 31.0 20.2 30.4#

279 8.9 3.6 5.4#



#85

Di-n-octyl phthalate

Concen: 2.618 ng

RT: 22.715 min Scan# 3357

Delta R.T. 0.008 min

Lab File: BG054526.D

Acq: 4 Aug 2022 19:54

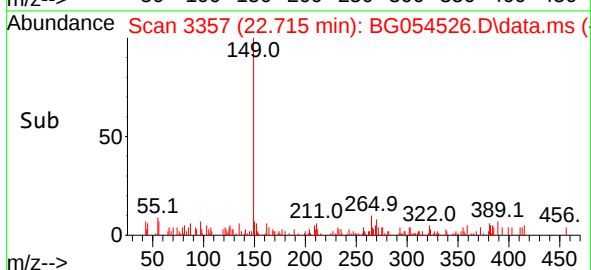
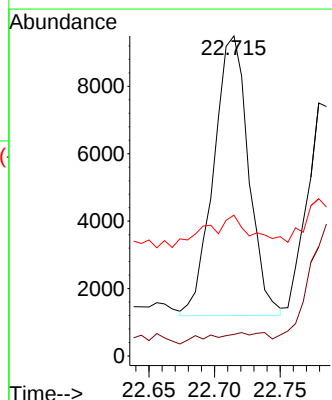
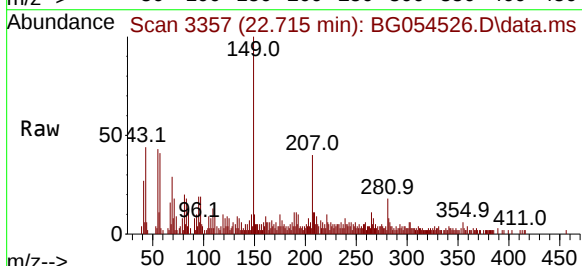
Tgt Ion:149 Resp: 15410

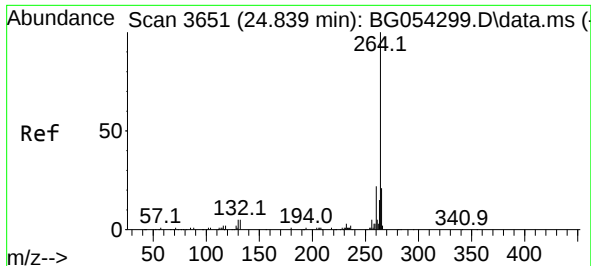
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 14.6 9.0 13.4#

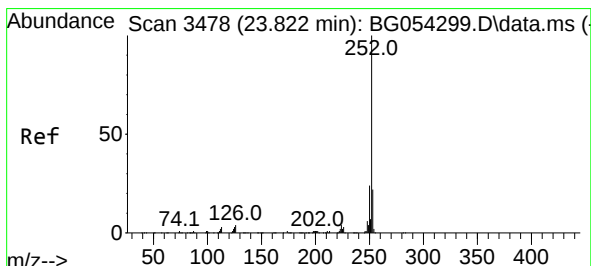
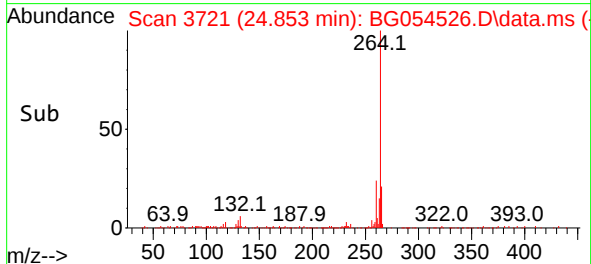
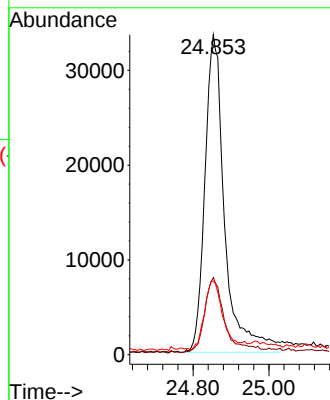
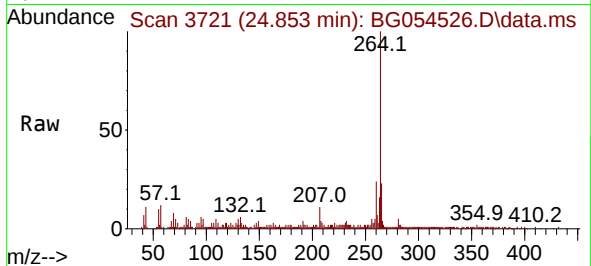




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.853 min Scan# 31
 Delta R.T. 0.020 min
 Lab File: BG054526.D
 Acq: 4 Aug 2022 19:54

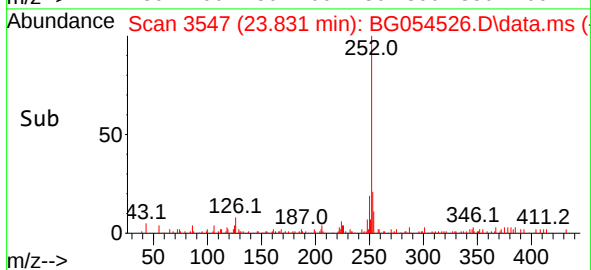
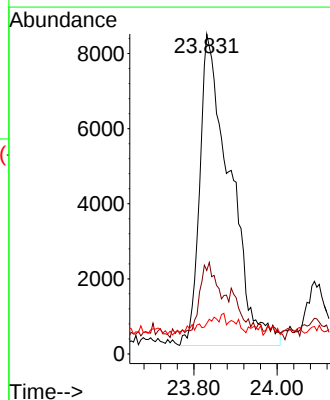
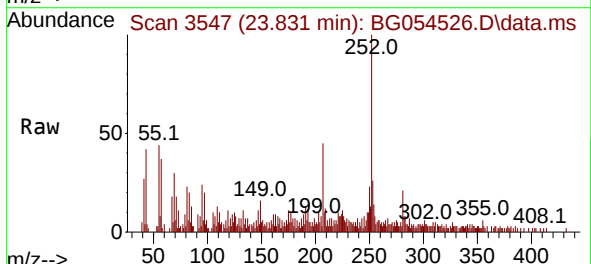
Instrument :
 BNA_G
 ClientSampleId :
 RVE-85

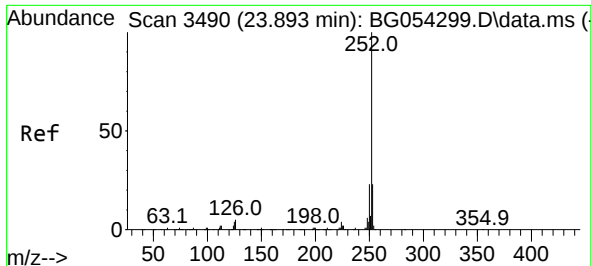
Tgt Ion:264 Resp: 121335
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 23.0 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 5.838 ng
 RT: 23.831 min Scan# 3547
 Delta R.T. 0.008 min
 Lab File: BG054526.D
 Acq: 4 Aug 2022 19:54

Tgt Ion:252 Resp: 41889
 Ion Ratio Lower Upper
 252 100
 253 26.1 18.0 27.0
 125 9.5 4.6 6.8#

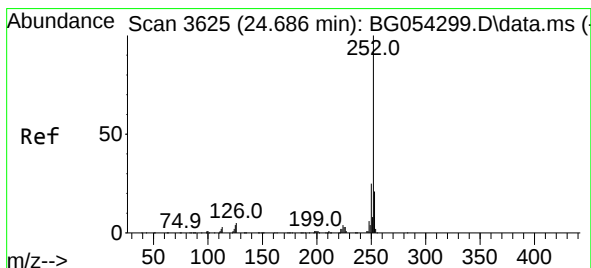
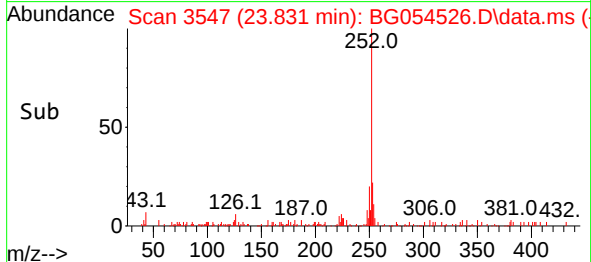
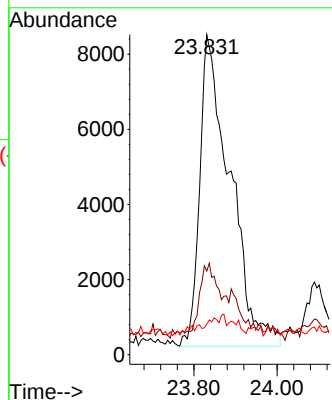
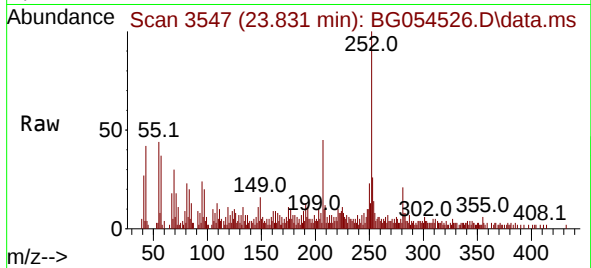




#89
Benzo(k)fluoranthene
Concen: 5.866 ng
RT: 23.831 min Scan# 31
Delta R.T. -0.056 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Instrument :
BNA_G
ClientSampleId :
RVE-85

Tgt Ion:252 Resp: 41889
Ion Ratio Lower Upper
252 100
253 26.1 18.4 27.6
125 9.5 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 3.346 ng
RT: 24.706 min Scan# 3696
Delta R.T. 0.020 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Tgt Ion:252 Resp: 20503
Ion Ratio Lower Upper
252 100
253 28.5 17.8 26.8#
125 14.9 4.3 6.5#

