

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035559.D
 Acq On : 21 Jun 2022 06:32
 Operator : CG/JU
 Sample : PB145546BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS546

Quant Time: Jun 21 07:45:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

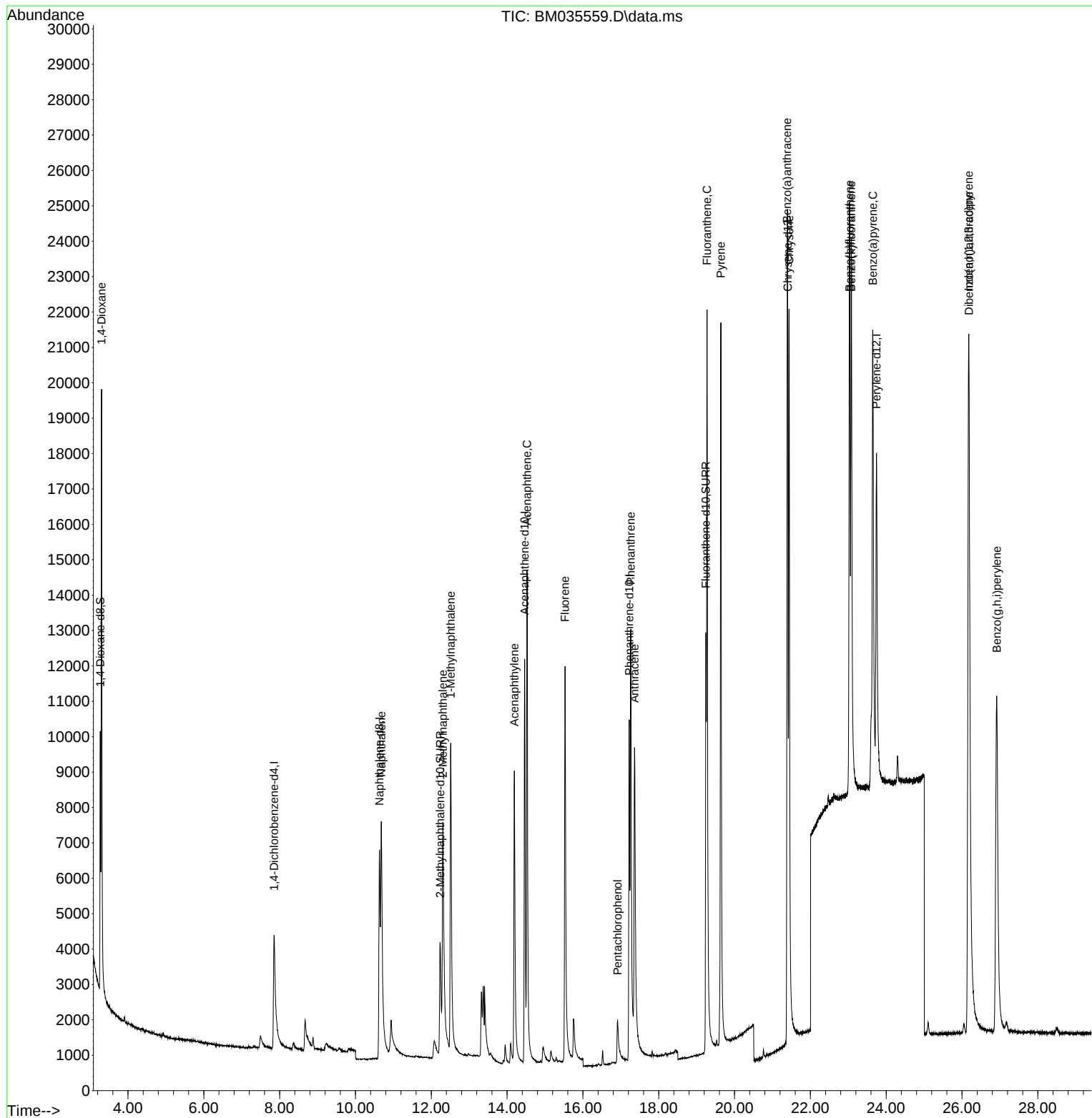
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4052	0.400	ng/ul	0.00
4) Naphthalene-d8	10.633	136	14836	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.464	164	8034	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.220	188	15484	0.400	ng/ul	0.00
17) Chrysene-d12	21.404	240	14646	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	15485	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4653	0.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	8258	0.375	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	16511	0.336	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	10878	1.917	ng/ul#	56
5) Naphthalene	10.683	128	14554	0.290	ng/ul	100
7) 2-Methylnaphthalene	12.305	142	8835	0.308	ng/ul	98
8) 1-Methylnaphthalene	12.514	142	9196	0.349	ng/ul	99
10) Acenaphthylene	14.191	152	14303	0.316	ng/ul	99
11) Acenaphthene	14.524	153	10458	0.312	ng/ul	99
12) Fluorene	15.528	166	11398	0.301	ng/ul	99
14) Pentachlorophenol	16.912	266	1724	0.581	ng/ul	99
15) Phenanthrene	17.263	178	17267	0.304	ng/ul	99
16) Anthracene	17.360	178	15894	0.320	ng/ul	99
19) Fluoranthene	19.275	202	21681	0.290	ng/ul	98
20) Pyrene	19.638	202	23111	0.294	ng/ul	97
21) Benzo(a)anthracene	21.389	228	19917	0.360	ng/ul	100
22) Chrysene	21.439	228	23356	0.354	ng/ul	99
24) Benzo(b)fluoranthene	23.034	252	23839	0.352	ng/ul	99
25) Benzo(k)fluoranthene	23.078	252	23886	0.340	ng/ul	98
26) Benzo(a)pyrene	23.645	252	25080	0.357	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.175	276	30238	0.373	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.182	278	24891	0.376	ng/ul	95
29) Benzo(g,h,i)perylene	26.916	276	26728	0.369	ng/ul	99

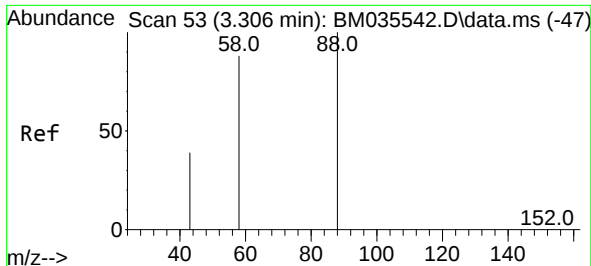
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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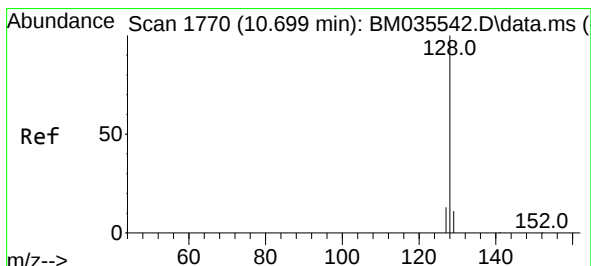
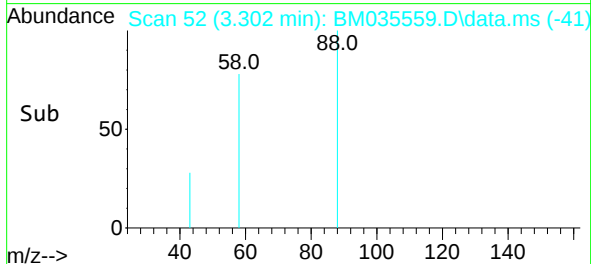
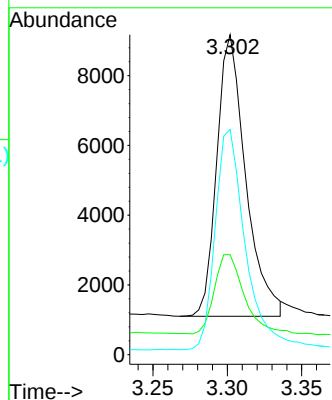
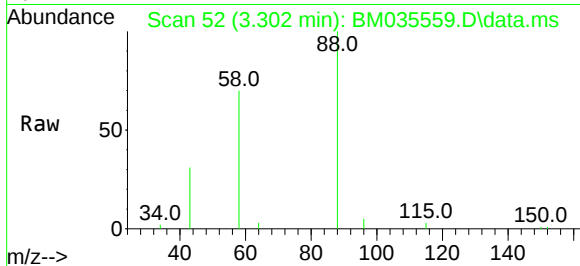




#2
1,4-Dioxane
Concen: 1.917 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

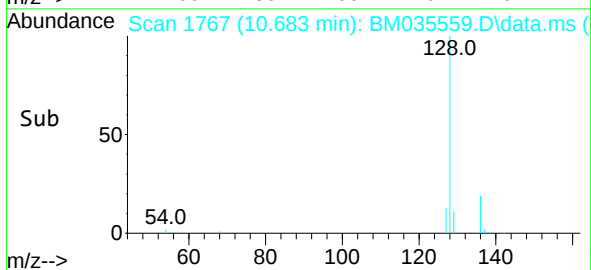
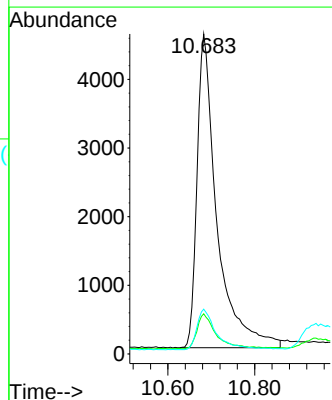
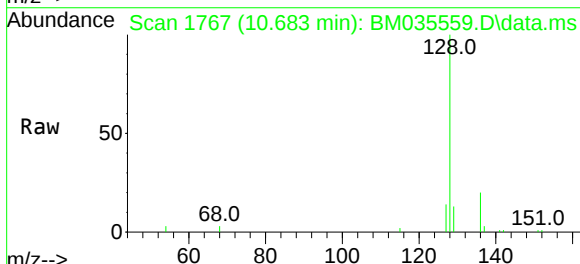
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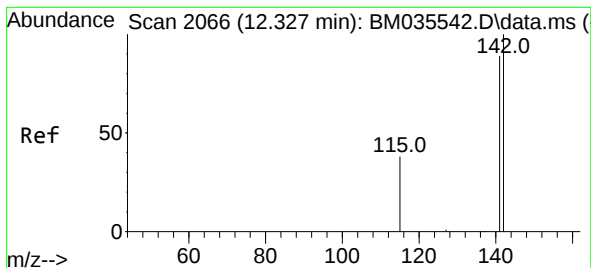
Tgt Ion: 88 Resp: 10878
Ion Ratio Lower Upper
88 100
43 31.2 70.4 105.6#
58 70.4 45.6 68.4#



#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion: 128 Resp: 14554
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 14.0 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.308 ng/ul

RT: 12.305 min Scan# 2066

Delta R.T. -0.016 min

Lab File: BM035559.D

Acq: 21 Jun 2022 06:32

Instrument :

BNA_M

ClientSampleId :

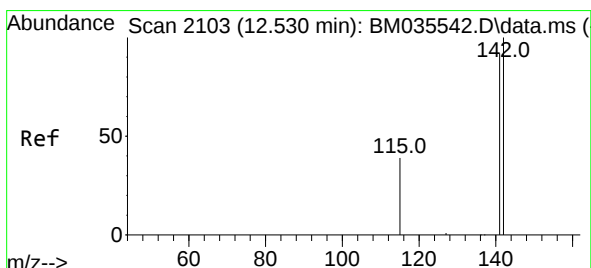
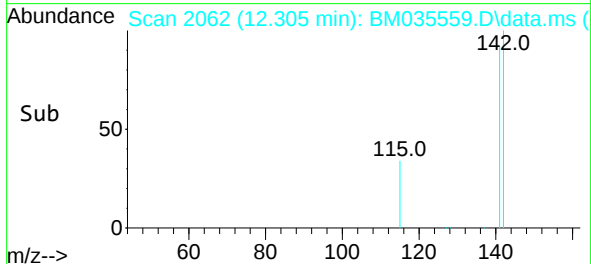
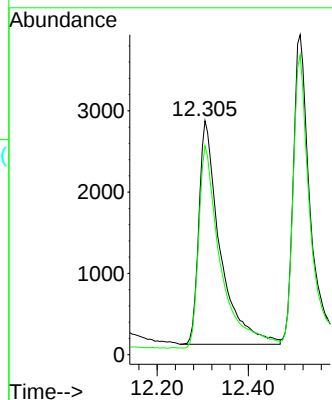
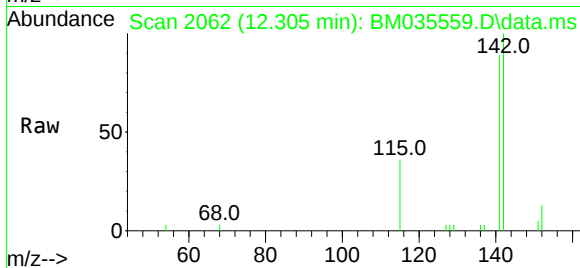
SLCS546

Tgt Ion:142 Resp: 8835

Ion Ratio Lower Upper

142 100

141 94.4 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.349 ng/ul

RT: 12.514 min Scan# 2100

Delta R.T. -0.011 min

Lab File: BM035559.D

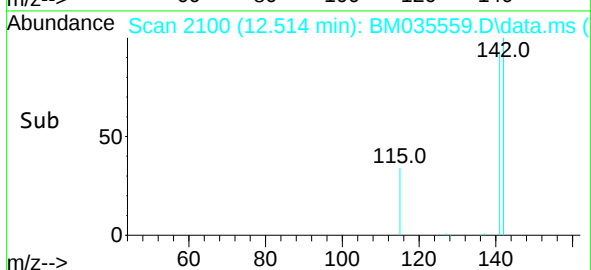
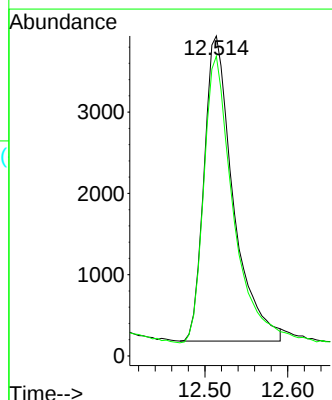
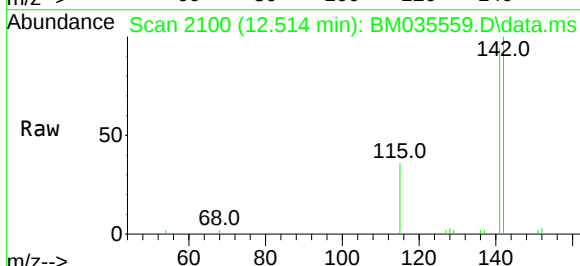
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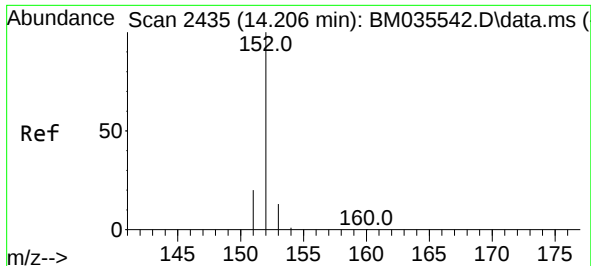
Tgt Ion:142 Resp: 9196

Ion Ratio Lower Upper

142 100

141 94.1 74.6 111.8

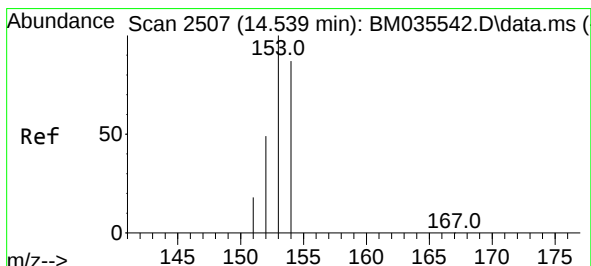
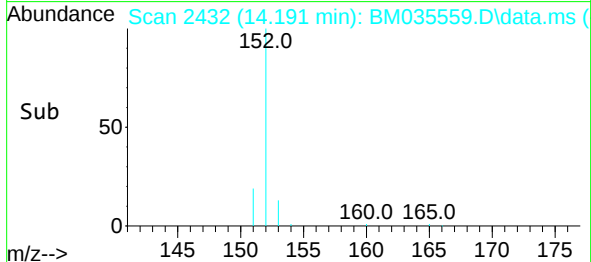
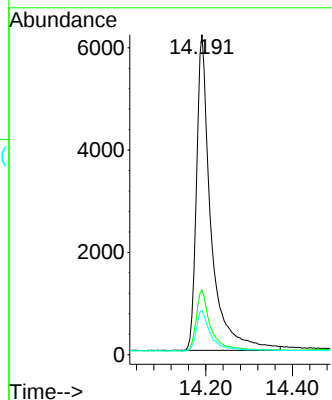
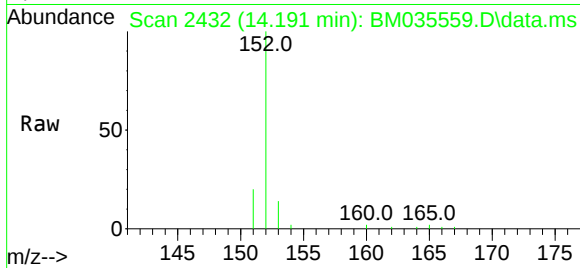




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.191 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

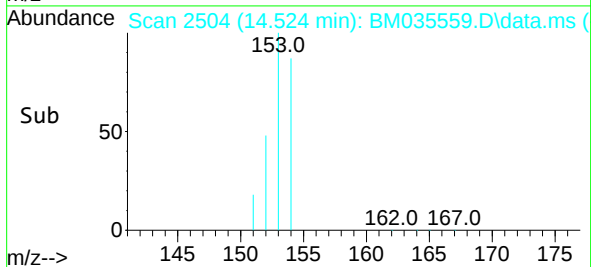
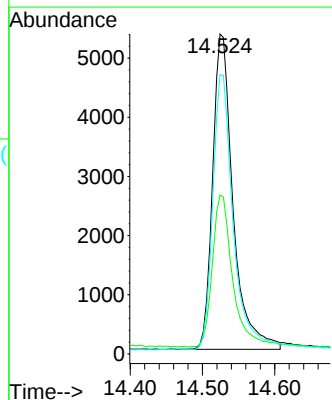
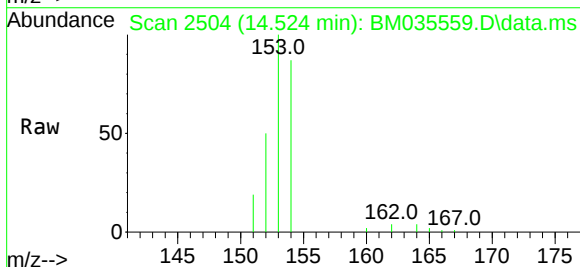
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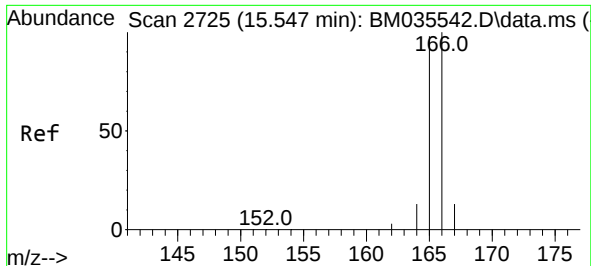
Tgt Ion:152 Resp: 14303
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.524 min Scan# 2504
Delta R.T. -0.010 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion:153 Resp: 10458
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 87.3 69.1 103.7

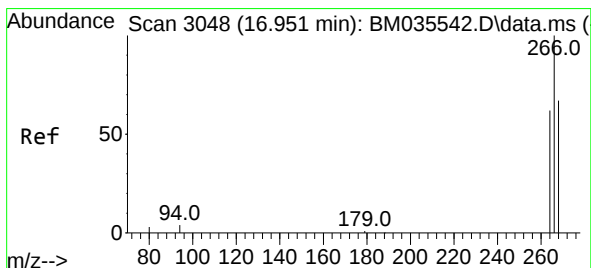
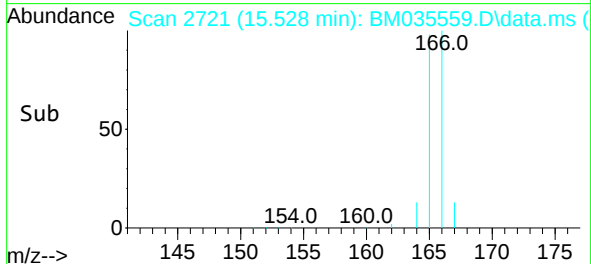
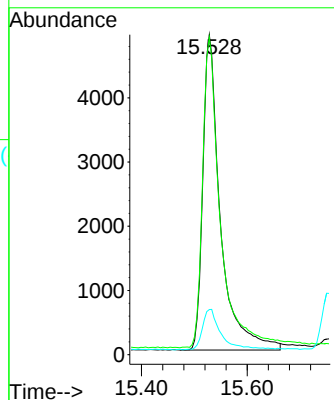
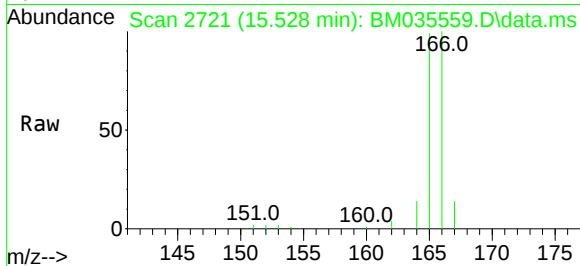




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.528 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

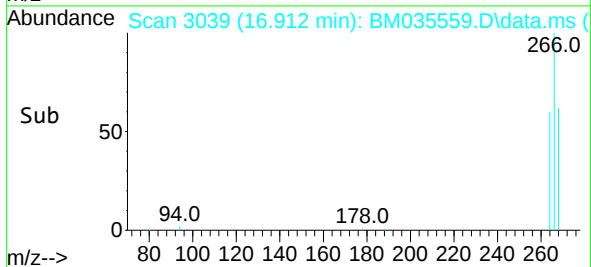
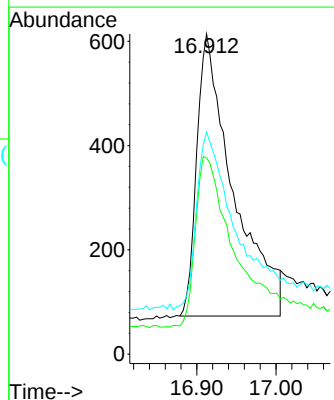
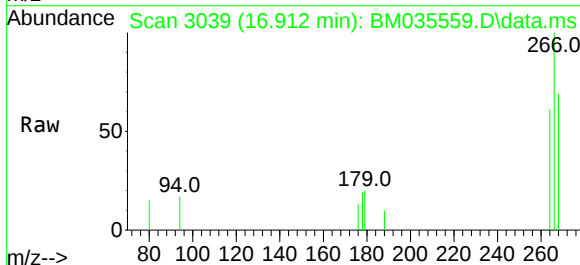
Instrument :
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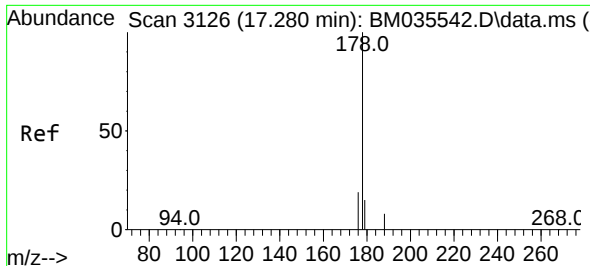
Tgt Ion:166 Resp: 11398
Ion Ratio Lower Upper
166 100
165 99.3 78.7 118.1
167 14.1 11.6 17.4



#14
Pentachlorophenol
Concen: 0.581 ng/ul
RT: 16.912 min Scan# 3039
Delta R.T. -0.018 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion:266 Resp: 1724
Ion Ratio Lower Upper
266 100
264 64.2 51.0 76.4
268 64.2 51.7 77.5

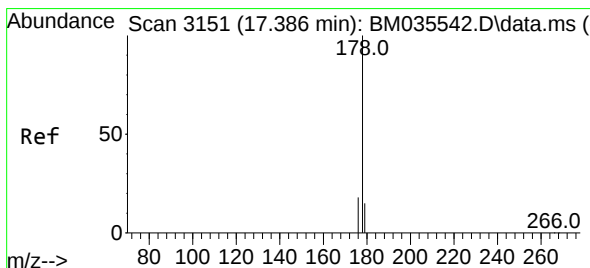
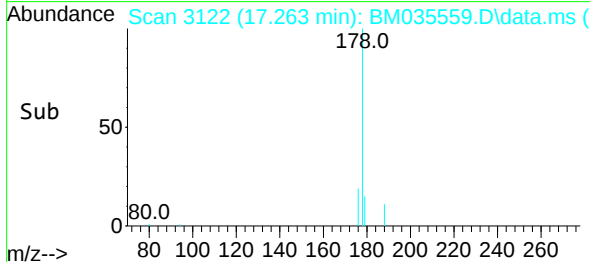
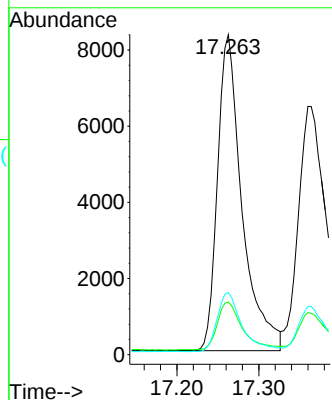
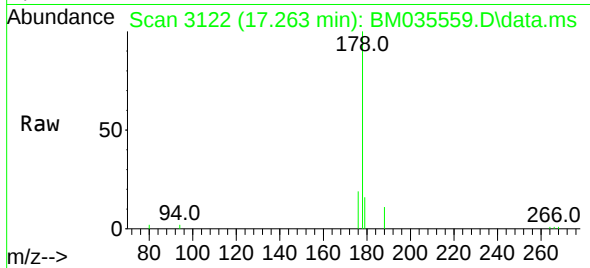




#15
Phenanthrene
Concen: 0.304 ng/u1
RT: 17.263 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

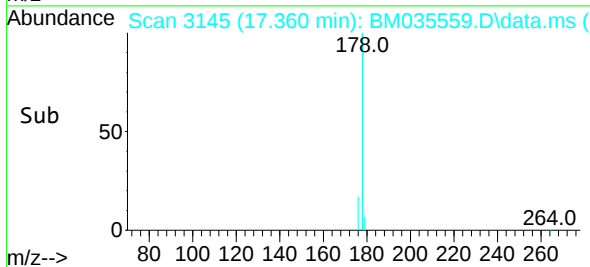
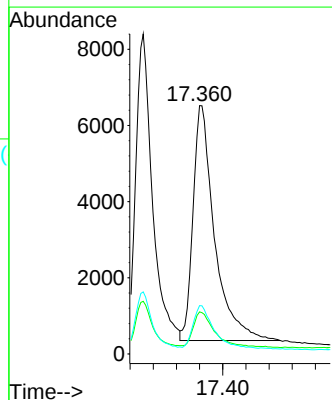
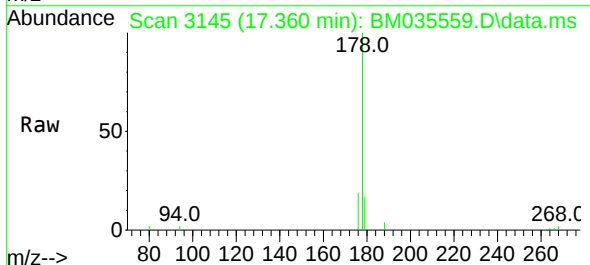
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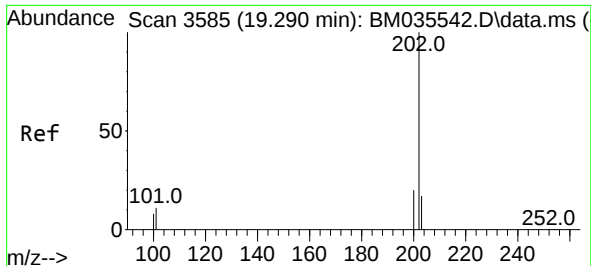
Tgt Ion:178	Resp:	17267
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.2 19.8
176	19.4	16.2 24.4



#16
Anthracene
Concen: 0.320 ng/u1
RT: 17.360 min Scan# 3145
Delta R.T. -0.013 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion:178	Resp:	15894
Ion Ratio	Lower	Upper
178	100	
179	16.9	13.4 20.0
176	19.5	15.9 23.9

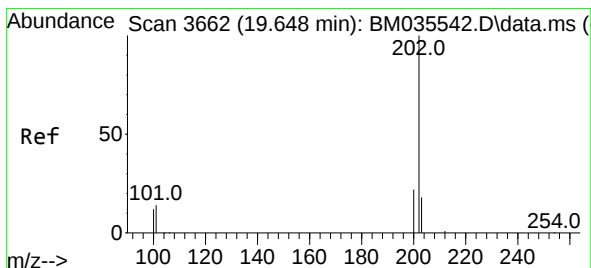
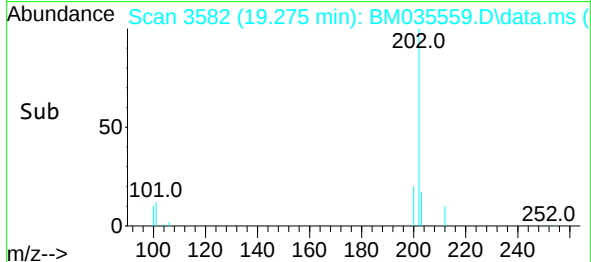
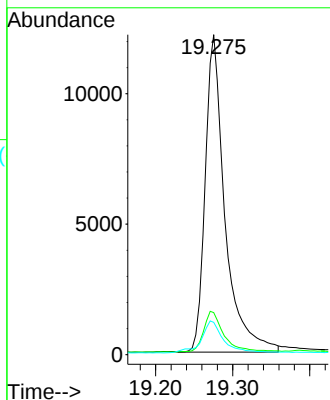
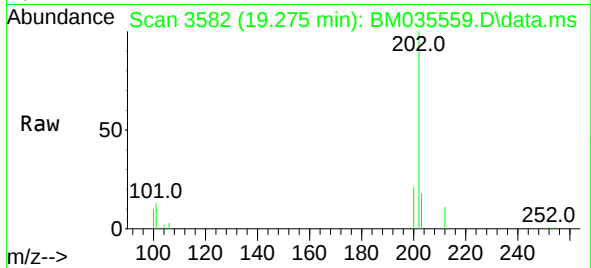




#19
Fluoranthene
Concen: 0.290 ng/ul
RT: 19.275 min Scan# 3582
Delta R.T. -0.010 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

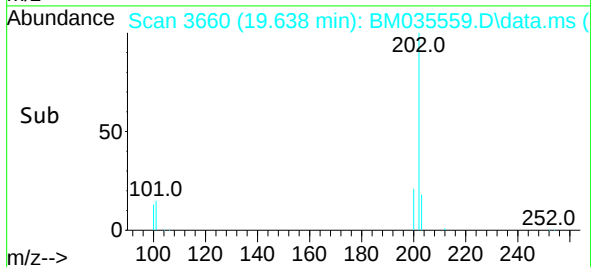
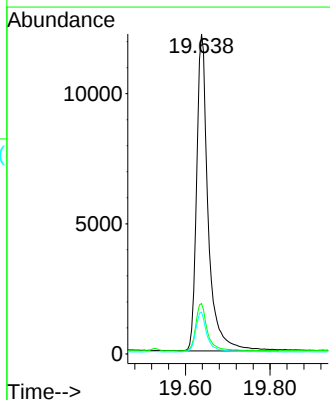
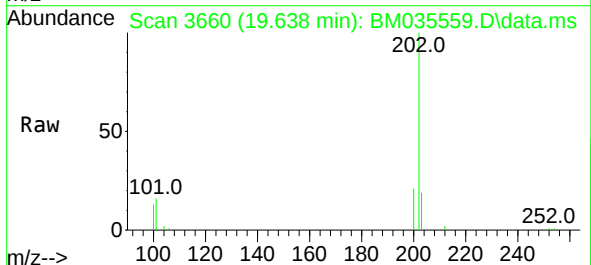
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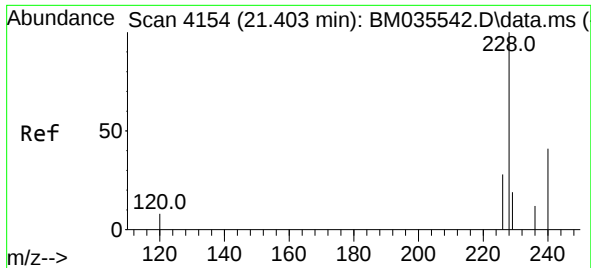
Tgt Ion:202 Resp: 21681
Ion Ratio Lower Upper
202 100
101 13.2 10.0 15.0
100 10.1 7.5 11.3



#20
Pyrene
Concen: 0.294 ng/ul
RT: 19.638 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion:202 Resp: 23111
Ion Ratio Lower Upper
202 100
101 15.7 11.6 17.4
100 13.1 9.3 13.9

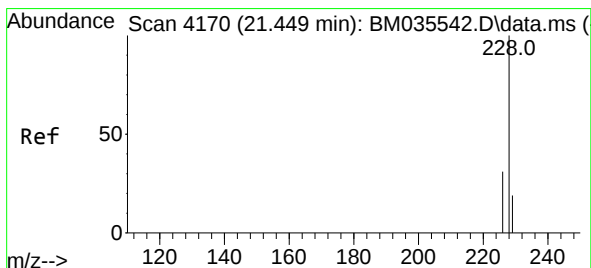
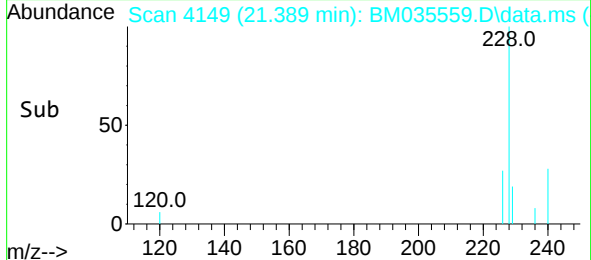
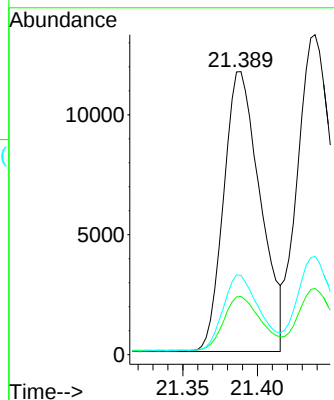
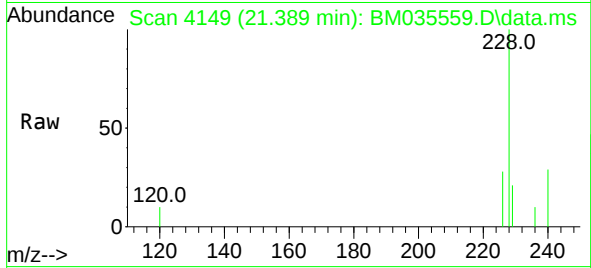




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.389 min Scan# 4154
Delta R.T. -0.011 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

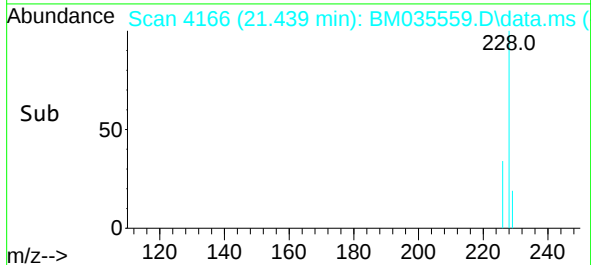
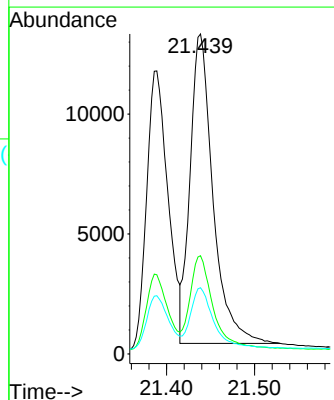
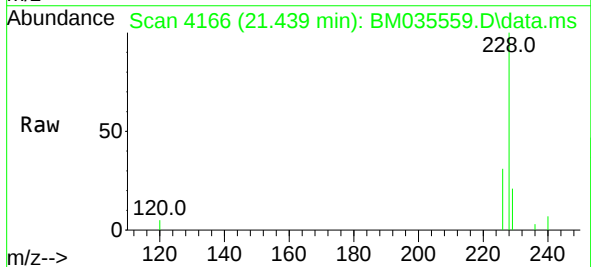
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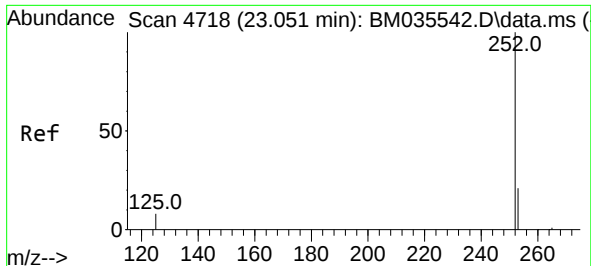
Tgt Ion:228 Resp: 19917
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.439 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion:228 Resp: 23356
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.7 15.8 23.8

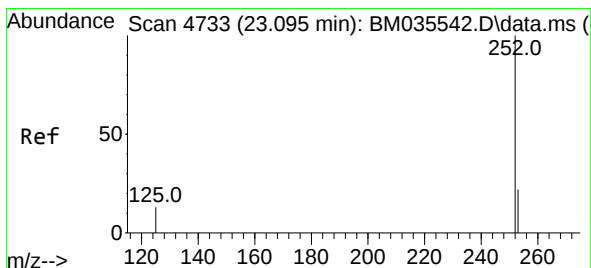
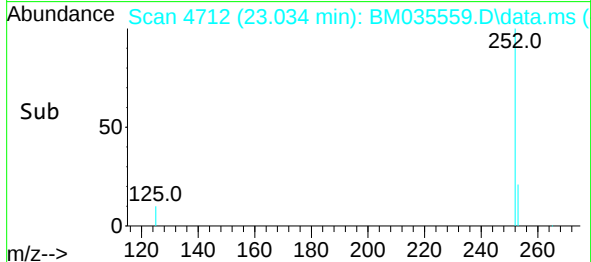
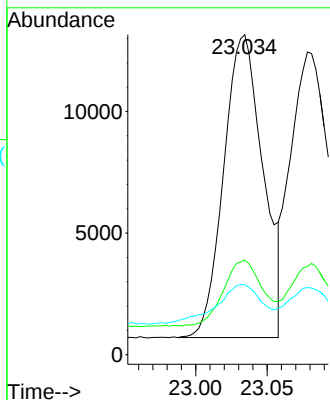
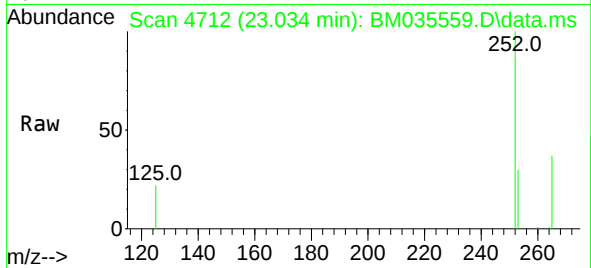




#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.034 min Scan# 4712
Delta R.T. -0.017 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

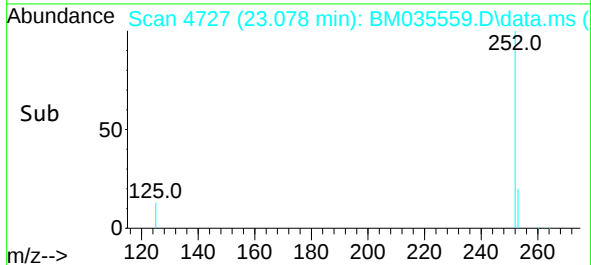
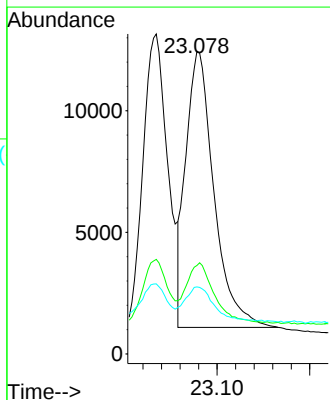
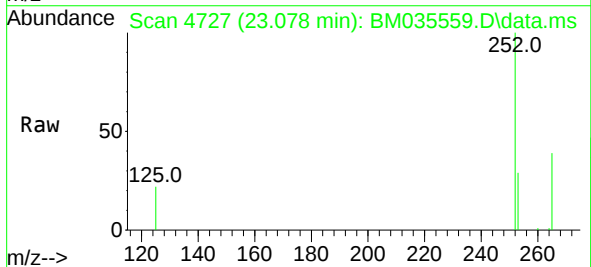
Instrument :
BNA_M
ClientSampleId :
SLCS546

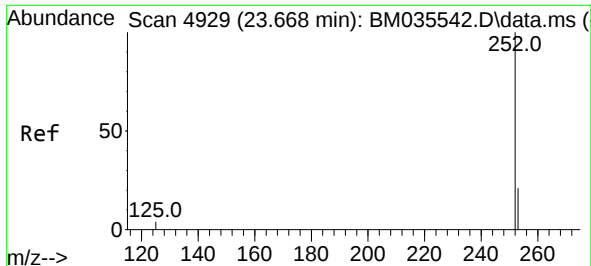
Tgt Ion:252 Resp: 23839
Ion Ratio Lower Upper
252 100
253 29.6 0.0 60.6
125 21.9 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 23.078 min Scan# 4727
Delta R.T. -0.020 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion:252 Resp: 23886
Ion Ratio Lower Upper
252 100
253 29.2 24.7 37.1
125 22.1 18.2 27.4

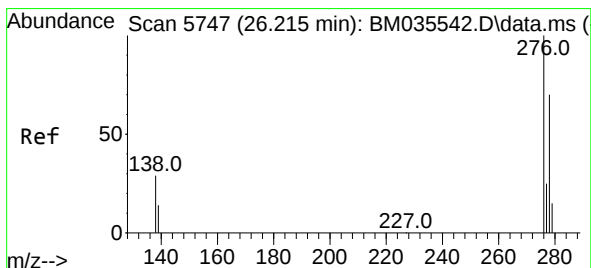
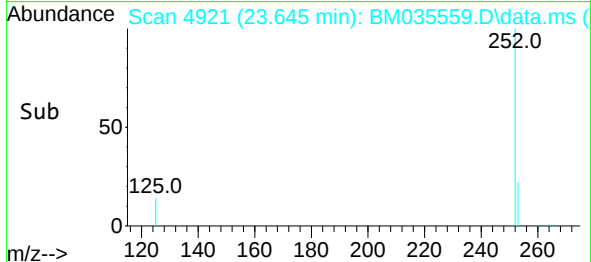
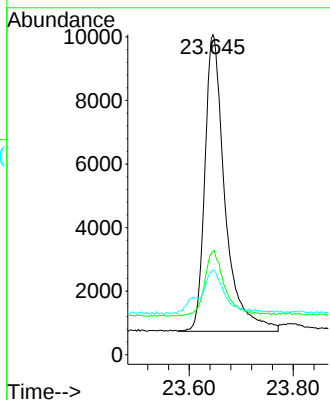
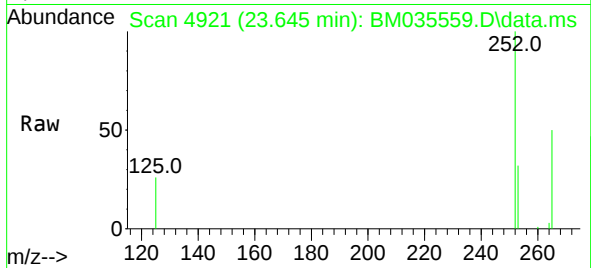




#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.645 min Scan# 4921
Delta R.T. -0.022 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

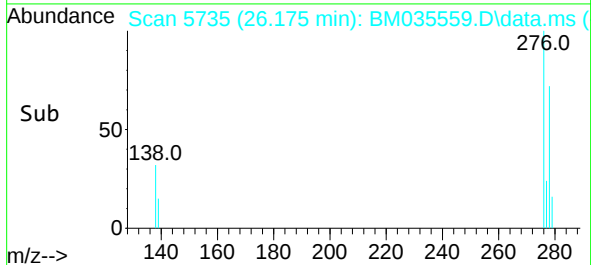
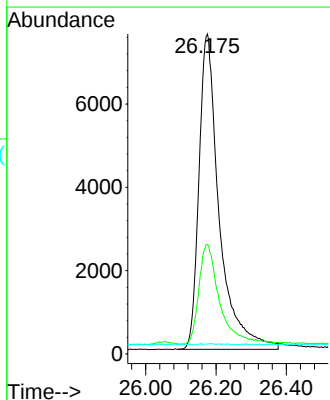
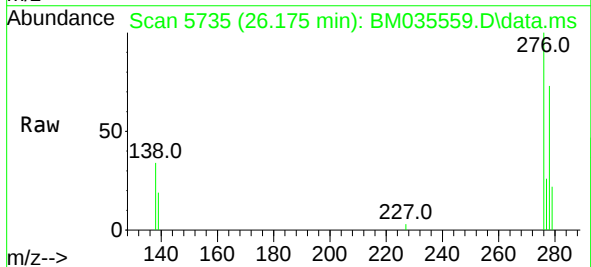
Instrument :
BNA_M
ClientSampleId :
SLCS546

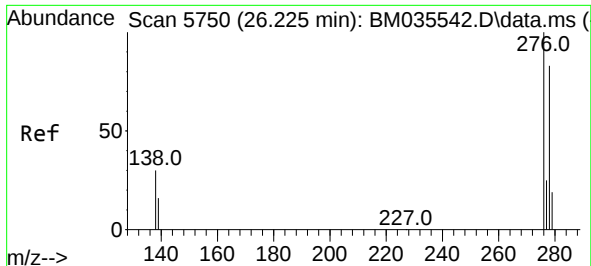
Tgt Ion:252	Resp:	25080
Ion Ratio	Lower	Upper
252	100	
253	32.3	27.8 41.6
125	26.5	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.175 min Scan# 5735
Delta R.T. -0.036 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion:276	Resp:	30238
Ion Ratio	Lower	Upper
276	100	
138	32.7	24.8 37.2
227	0.1	0.1 0.1#

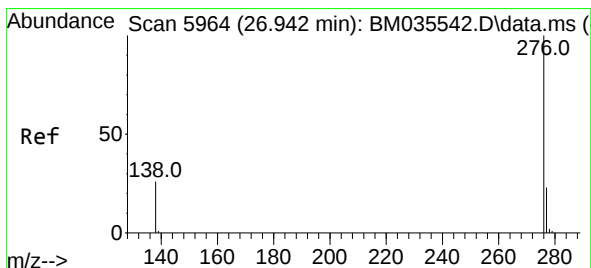
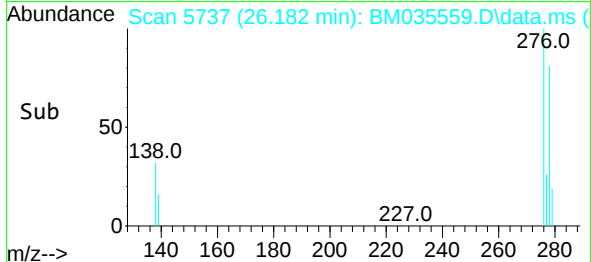
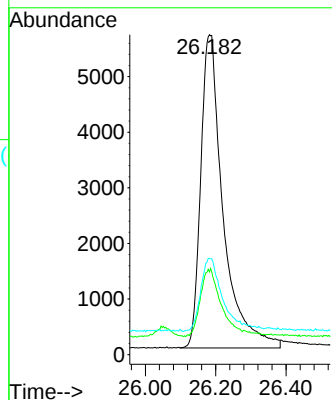
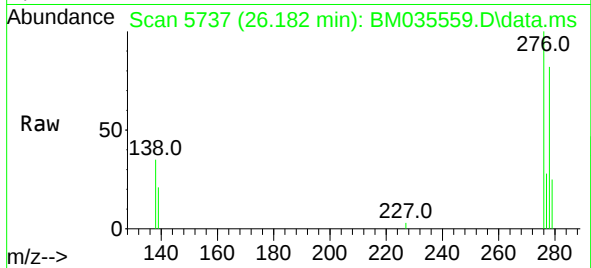




#28
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 26.182 min Scan# 51
Delta R.T. -0.039 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Instrument :
BNA_M
ClientSampleId :
SLCS546

Tgt Ion:278 Resp: 24891
Ion Ratio Lower Upper
278 100
139 25.9 19.1 28.7
279 30.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 26.916 min Scan# 5956
Delta R.T. -0.029 min
Lab File: BM035559.D
Acq: 21 Jun 2022 06:32

Tgt Ion:276 Resp: 26728
Ion Ratio Lower Upper
276 100
138 29.7 23.1 34.7
277 25.6 20.3 30.5

