

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035558.D
 Acq On : 21 Jun 2022 05:56
 Operator : CG/JU
 Sample : PB145542BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS542

Quant Time: Jun 21 06:35:49 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)

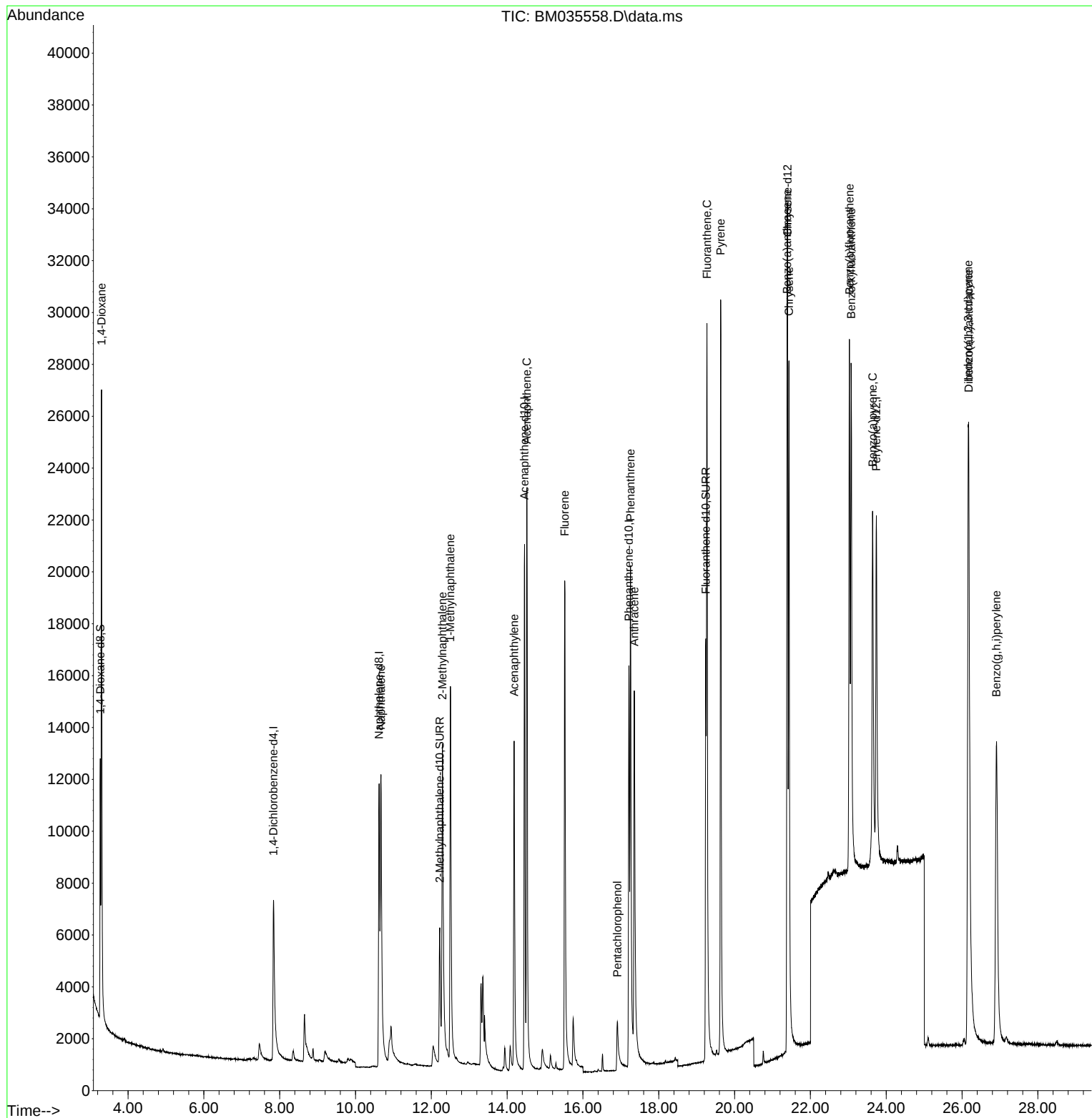
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	6328	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.622	136	22532	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.459	164	12577	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	23860	0.400	ng/ul	-0.02
17) Chrysene-d12	21.398	240	20519	0.400	ng/ul	-0.01
23) Perylene-d12	23.739	264	21310	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	6191	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	11554	0.345	ng/ul	-0.02
18) Fluoranthene-d10	19.243	212	22359	0.324	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	15456	1.744	ng/ul#	54
5) Naphthalene	10.671	128	22139	0.290	ng/ul	98
7) 2-Methylnaphthalene	12.294	142	14464	0.332	ng/ul	99
8) 1-Methylnaphthalene	12.503	142	13543	0.338	ng/ul	100
10) Acenaphthylene	14.186	152	20424	0.288	ng/ul	99
11) Acenaphthene	14.519	153	16053	0.306	ng/ul	99
12) Fluorene	15.519	166	17253	0.291	ng/ul	99
14) Pentachlorophenol	16.908	266	2644	0.578	ng/ul	99
15) Phenanthrene	17.254	178	25763	0.295	ng/ul	99
16) Anthracene	17.355	178	23059	0.301	ng/ul	98
19) Fluoranthene	19.271	202	29143	0.278	ng/ul	97
20) Pyrene	19.633	202	30931	0.281	ng/ul	96
21) Benzo(a)anthracene	21.383	228	25007	0.322	ng/ul	100
22) Chrysene	21.436	228	28042	0.304	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	28322	0.304	ng/ul	97
25) Benzo(k)fluoranthene	23.075	252	28988	0.299	ng/ul	96
26) Benzo(a)pyrene	23.642	252	26771	0.277	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.165	276	36090	0.324	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.175	278	29023	0.319	ng/ul	92
29) Benzo(g,h,i)perylene	26.910	276	31292	0.314	ng/ul	99

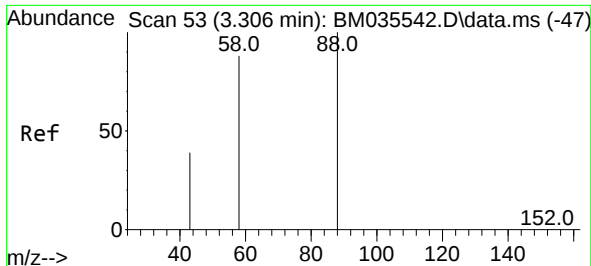
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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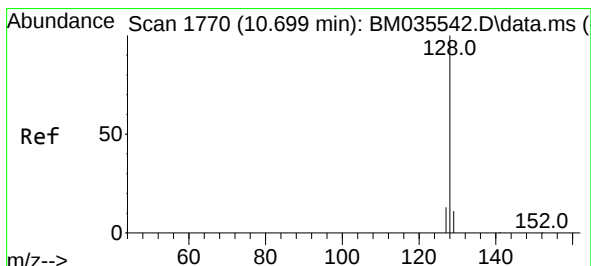
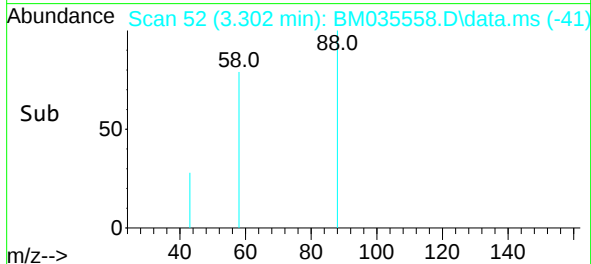
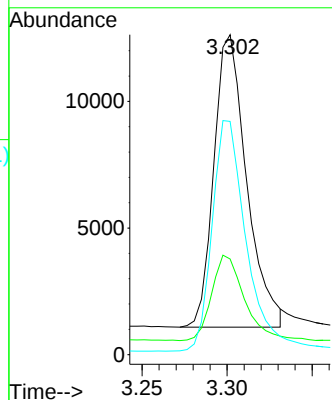
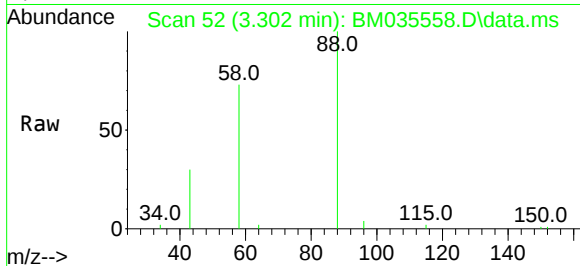




#2
1,4-Dioxane
Concen: 1.744 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

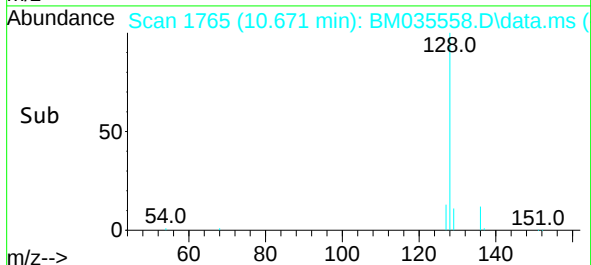
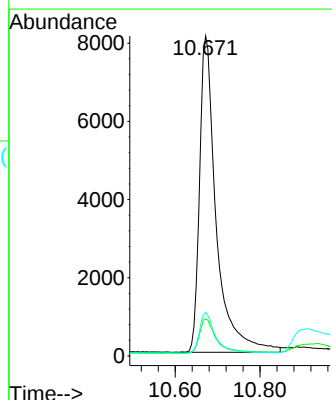
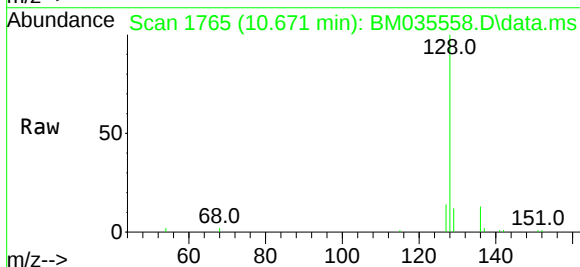
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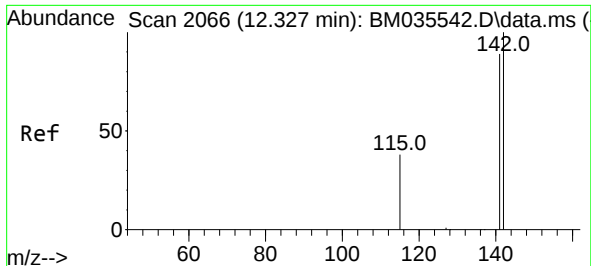
Tgt Ion: 88 Resp: 15456
Ion Ratio Lower Upper
88 100
43 29.9 70.4 105.6#
58 72.9 45.6 68.4#



#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.671 min Scan# 1765
Delta R.T. -0.022 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion: 128 Resp: 22139
Ion Ratio Lower Upper
128 100
129 11.6 10.1 15.1
127 13.7 11.4 17.2

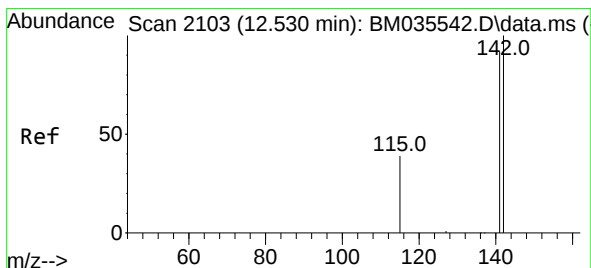
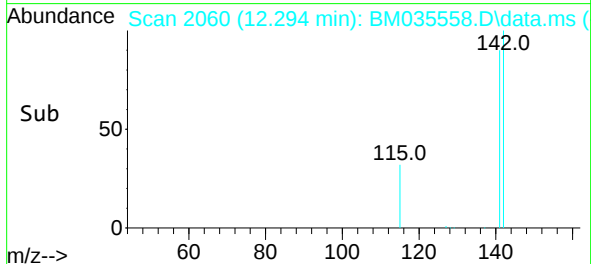
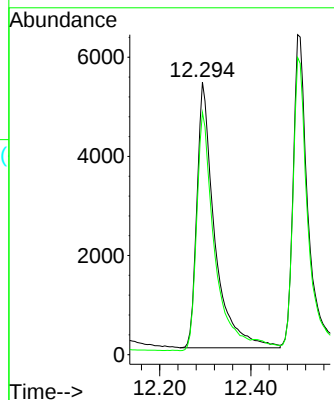
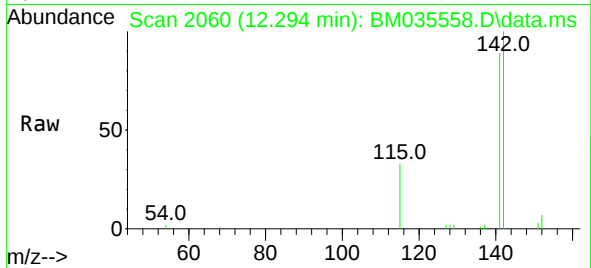




#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.028 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

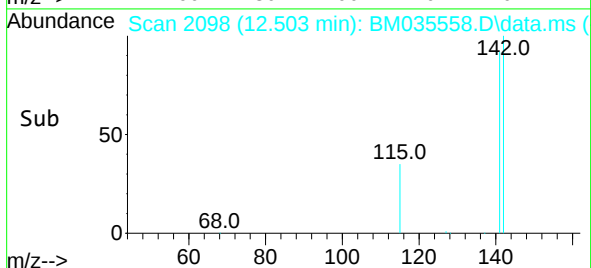
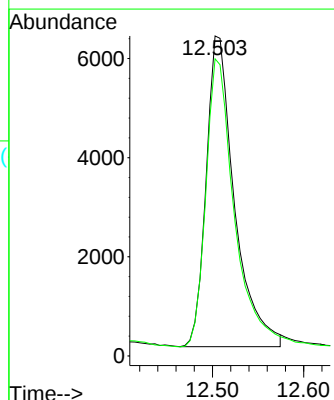
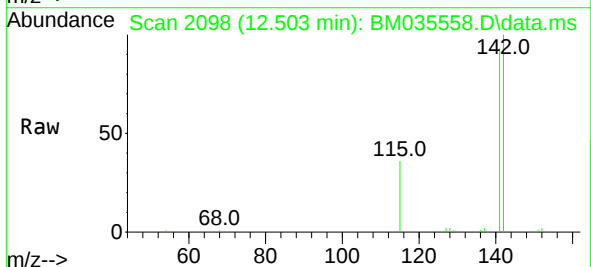
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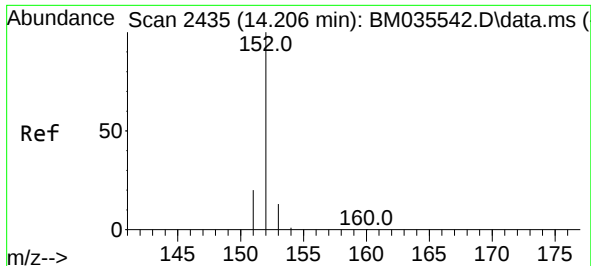
Tgt Ion:142 Resp: 14464
Ion Ratio Lower Upper
142 100
141 93.5 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. -0.022 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion:142 Resp: 13543
Ion Ratio Lower Upper
142 100
141 92.7 74.6 111.8

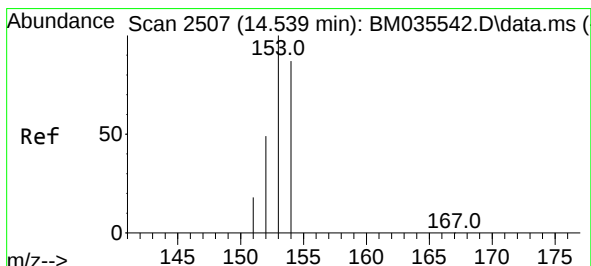
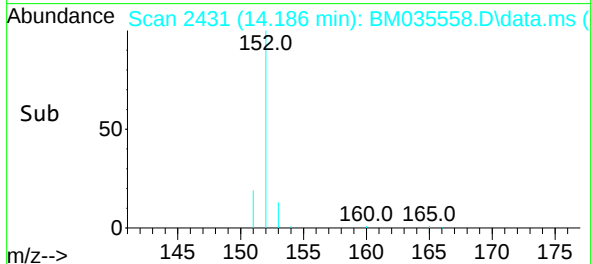
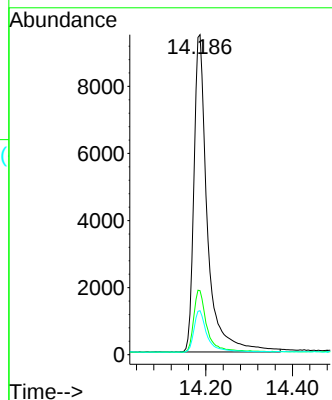
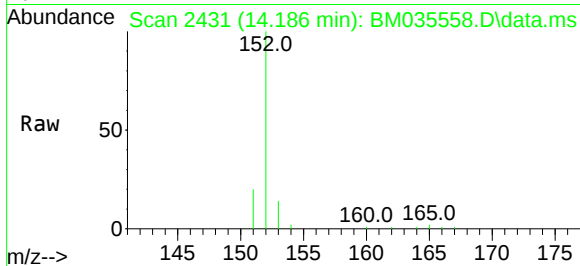




#10
Acenaphthylene
Concen: 0.288 ng/ul
RT: 14.186 min Scan# 2435
Delta R.T. -0.015 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

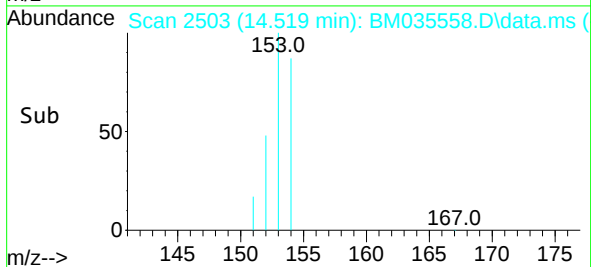
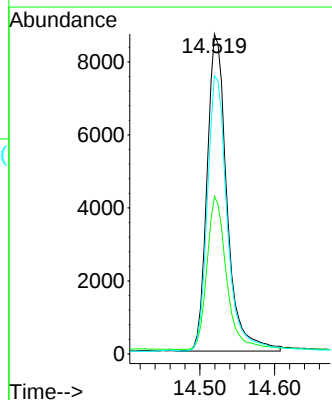
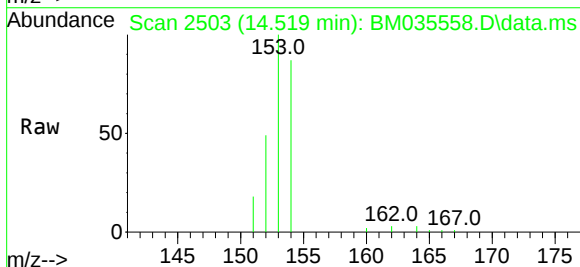
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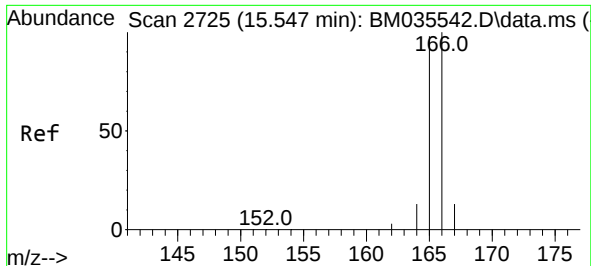
Tgt Ion:152 Resp: 20424
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.519 min Scan# 2503
Delta R.T. -0.015 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion:153 Resp: 16053
Ion Ratio Lower Upper
153 100
152 49.2 40.0 60.0
154 86.9 69.1 103.7

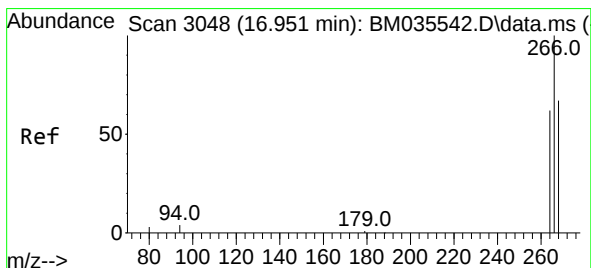
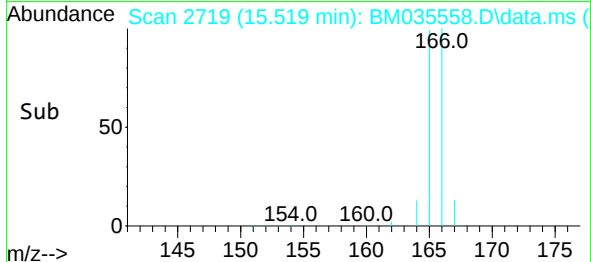
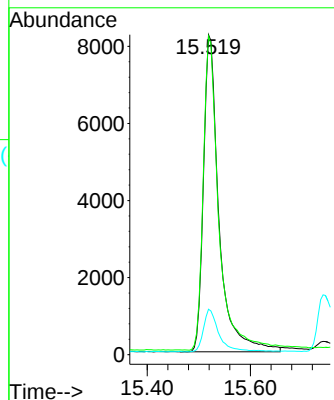
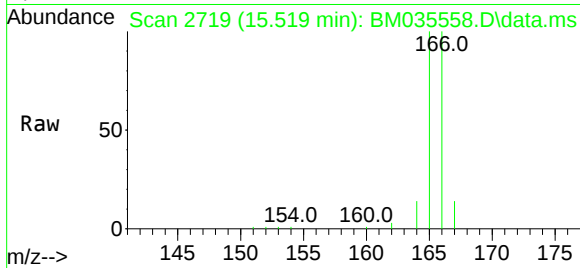




#12
 Fluorene
 Concen: 0.291 ng/ul
 RT: 15.519 min Scan# 21
 Delta R.T. -0.019 min
 Lab File: BM035558.D
 Acq: 21 Jun 2022 05:56

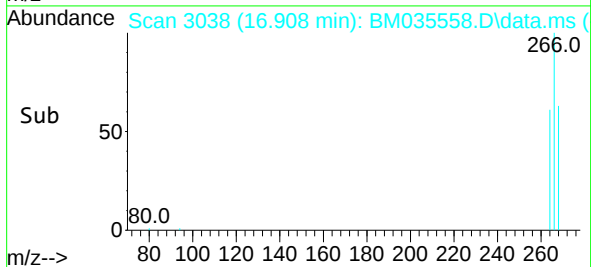
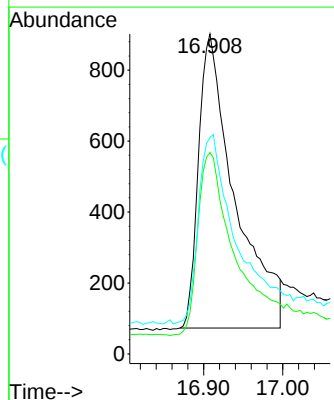
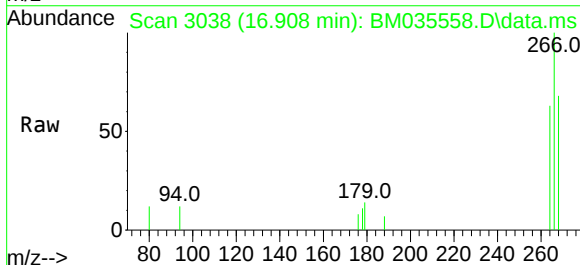
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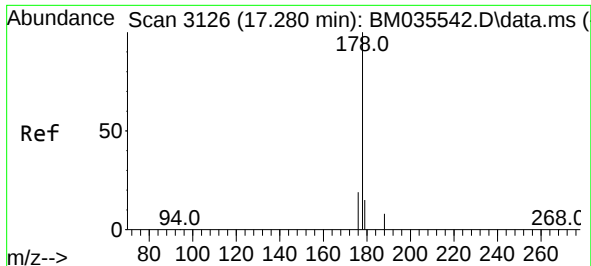
Tgt Ion:166 Resp: 17253
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.7 118.1
 167 14.2 11.6 17.4



#14
 Pentachlorophenol
 Concen: 0.578 ng/ul
 RT: 16.908 min Scan# 3038
 Delta R.T. -0.022 min
 Lab File: BM035558.D
 Acq: 21 Jun 2022 05:56

Tgt Ion:266 Resp: 2644
 Ion Ratio Lower Upper
 266 100
 264 63.1 51.0 76.4
 268 65.2 51.7 77.5

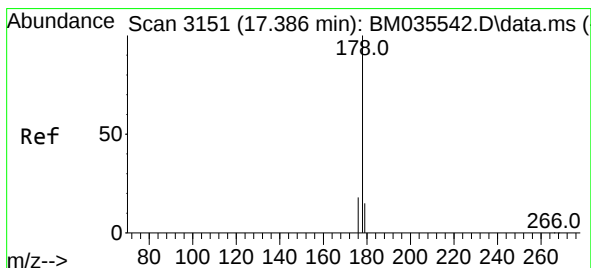
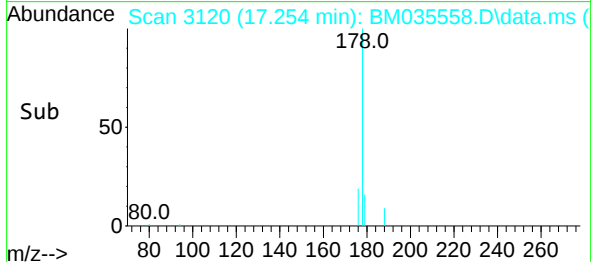
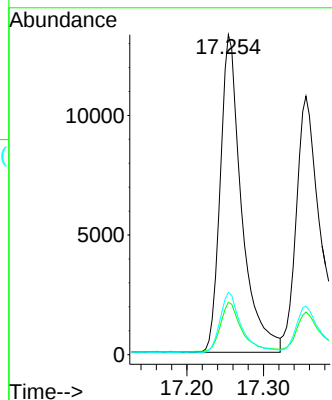
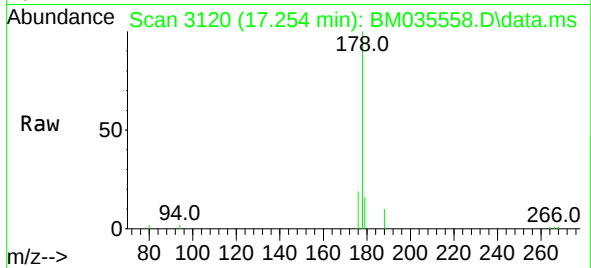




#15
Phenanthrene
Concen: 0.295 ng/u1
RT: 17.254 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

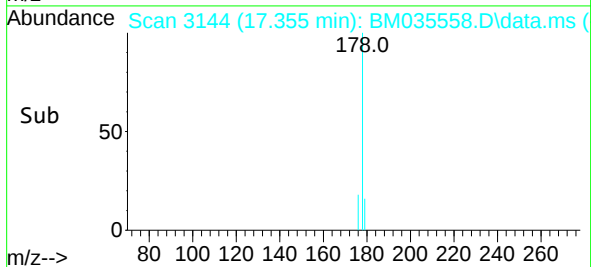
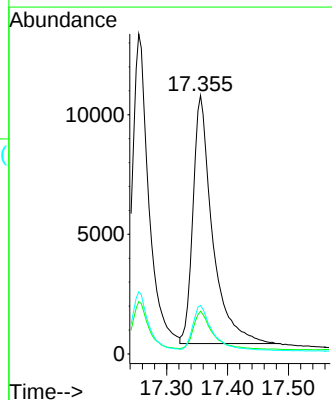
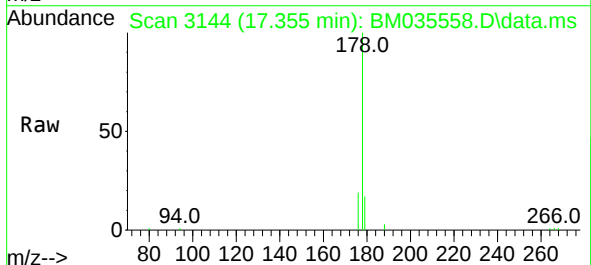
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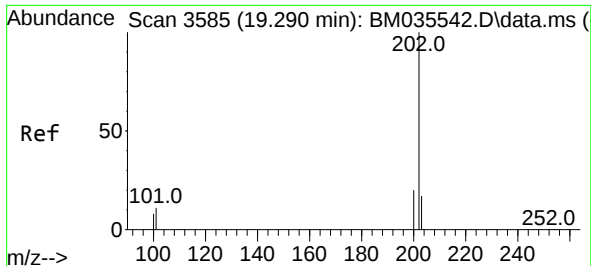
Tgt Ion:178 Resp: 25763
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 19.5 16.2 24.4



#16
Anthracene
Concen: 0.301 ng/u1
RT: 17.355 min Scan# 3144
Delta R.T. -0.018 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion:178 Resp: 23059
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.0
176 18.8 15.9 23.9

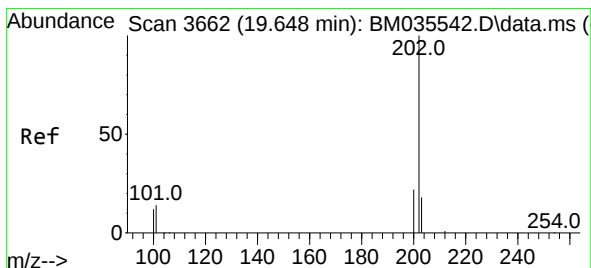
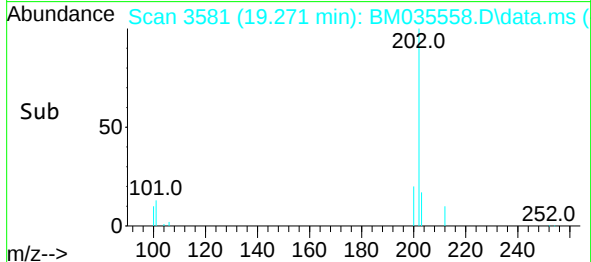
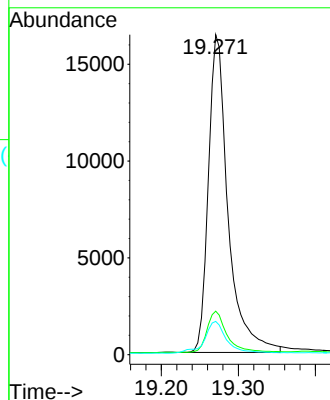
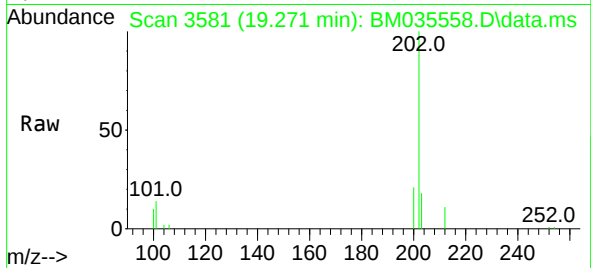




#19
Fluoranthene
Concen: 0.278 ng/u1
RT: 19.271 min Scan# 31
Delta R.T. -0.015 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

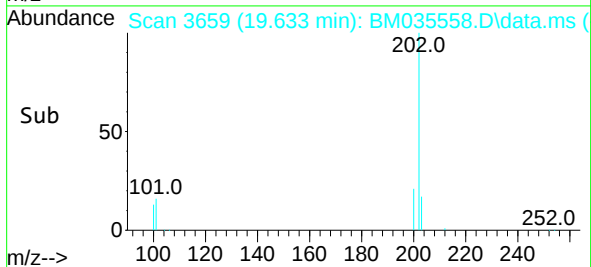
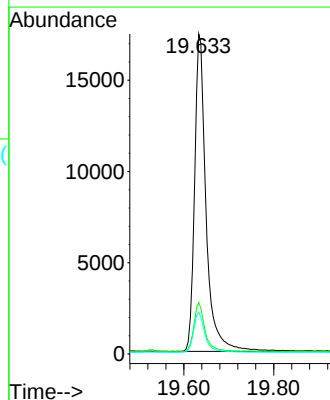
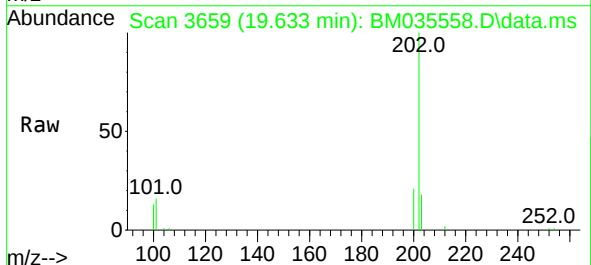
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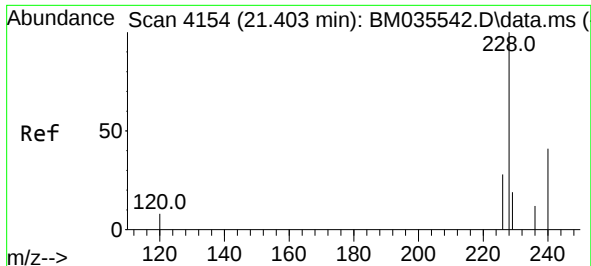
Tgt Ion:202 Resp: 29143
Ion Ratio Lower Upper
202 100
101 13.6 10.0 15.0
100 10.4 7.5 11.3



#20
Pyrene
Concen: 0.281 ng/u1
RT: 19.633 min Scan# 3659
Delta R.T. -0.015 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion:202 Resp: 30931
Ion Ratio Lower Upper
202 100
101 16.1 11.6 17.4
100 13.0 9.3 13.9

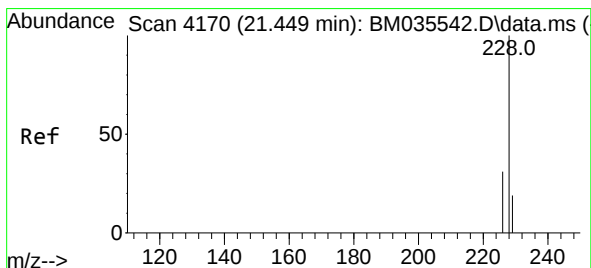
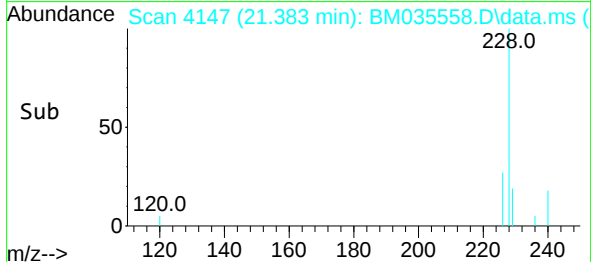
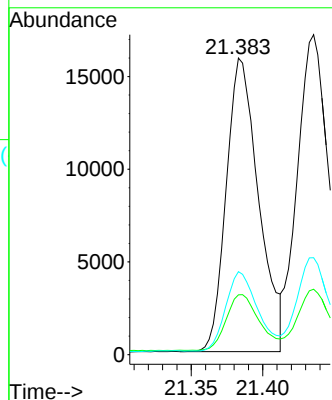
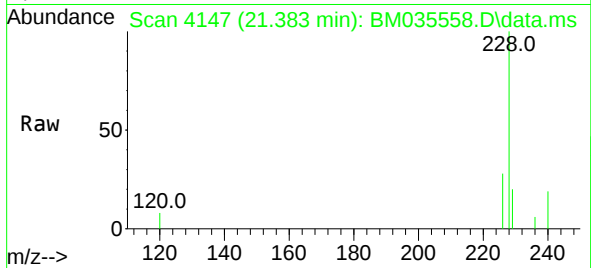




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.383 min Scan# 4154
Delta R.T. -0.017 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

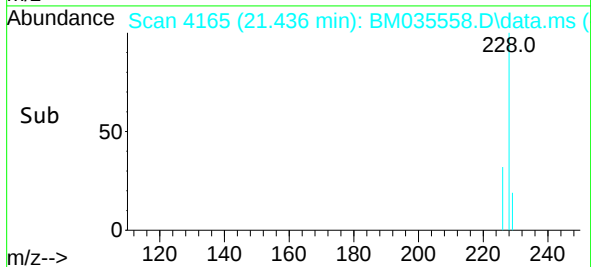
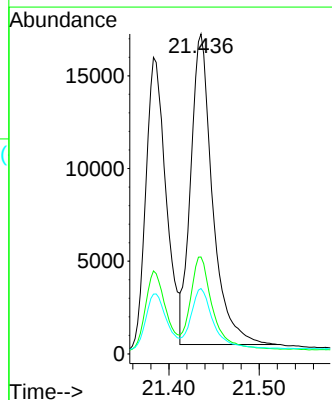
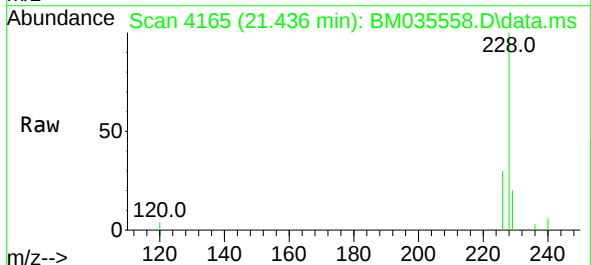
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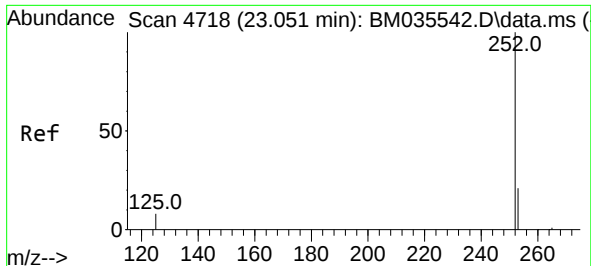
Tgt Ion:228 Resp: 25007
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.014 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion:228 Resp: 28042
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 20.5 15.8 23.8

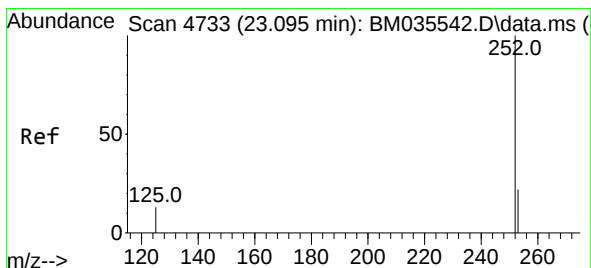
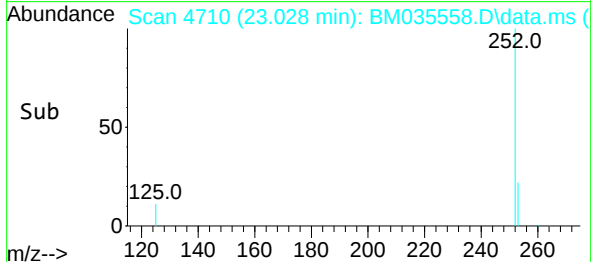
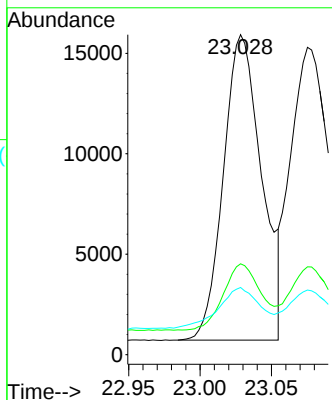
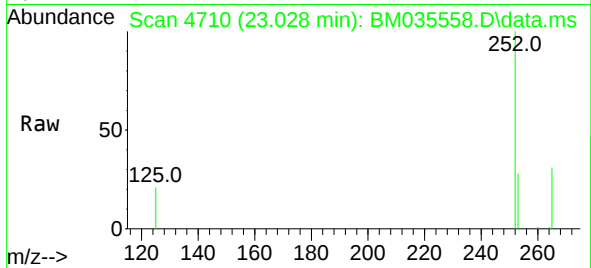




#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.023 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

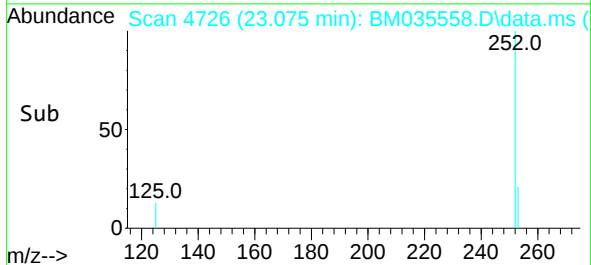
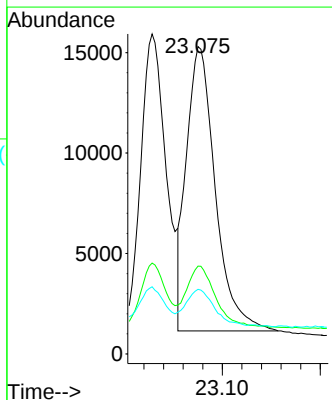
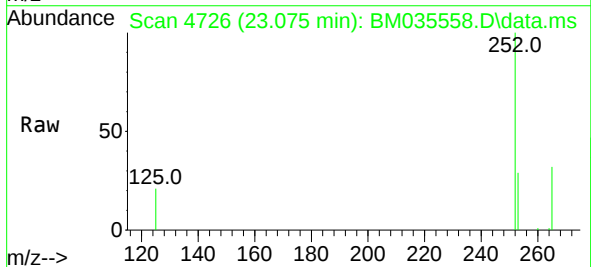
Instrument :
BNA_M
ClientSampleId :
SLCS542

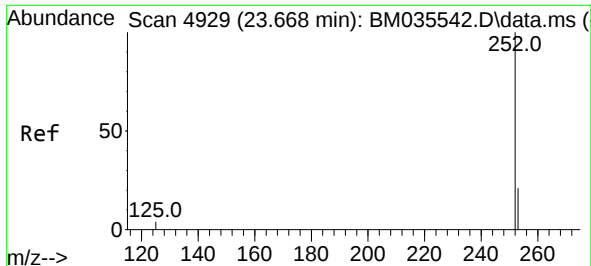
Tgt Ion:252 Resp: 28322
Ion Ratio Lower Upper
252 100
253 28.4 0.0 60.6
125 21.0 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul
RT: 23.075 min Scan# 4726
Delta R.T. -0.023 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion:252 Resp: 28988
Ion Ratio Lower Upper
252 100
253 28.6 24.7 37.1
125 21.0 18.2 27.4

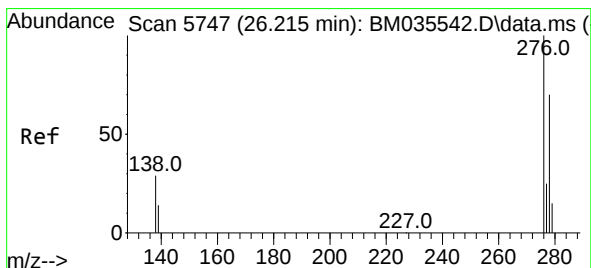
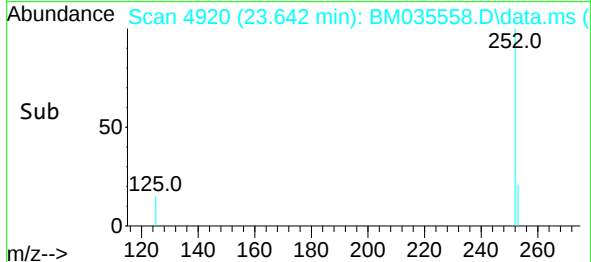
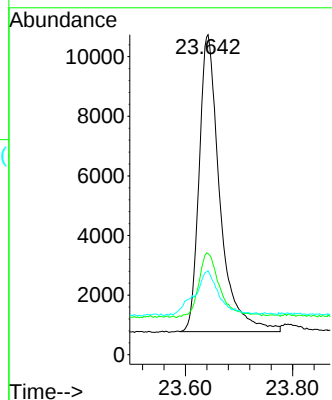
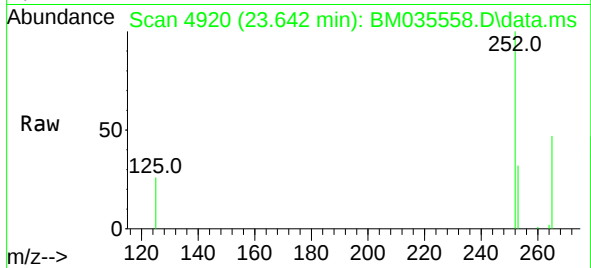




#26
Benzo(a)pyrene
Concen: 0.277 ng/ul
RT: 23.642 min Scan# 4920
Delta R.T. -0.025 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

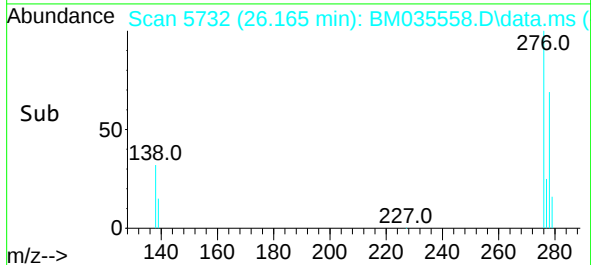
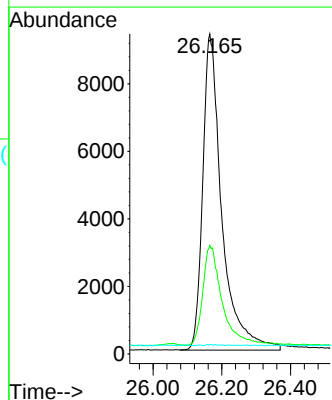
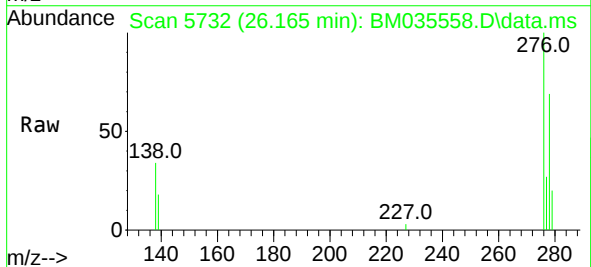
Instrument :
BNA_M
ClientSampleId :
SLCS542

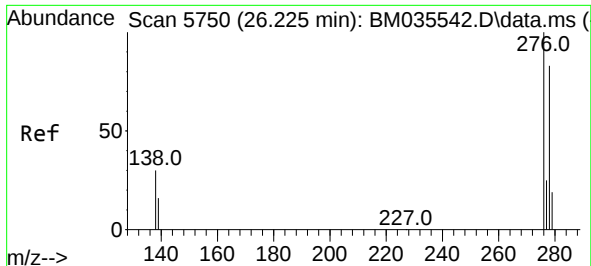
Tgt Ion:252	Resp:	26771
Ion Ratio	Lower	Upper
252	100	
253	31.6	27.8 41.6
125	26.2	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 26.165 min Scan# 5732
Delta R.T. -0.046 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion:276	Resp:	36090
Ion Ratio	Lower	Upper
276	100	
138	32.2	24.8 37.2
227	0.1	0.1 0.1

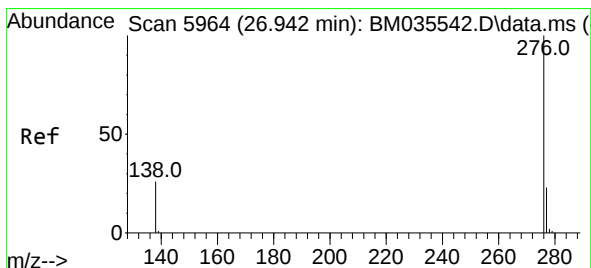
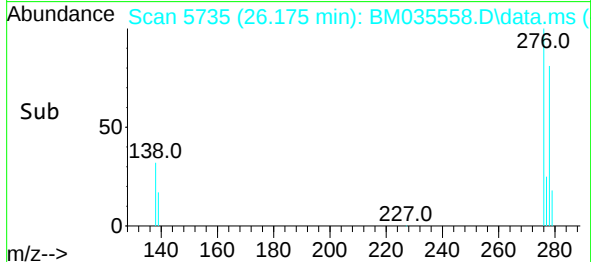
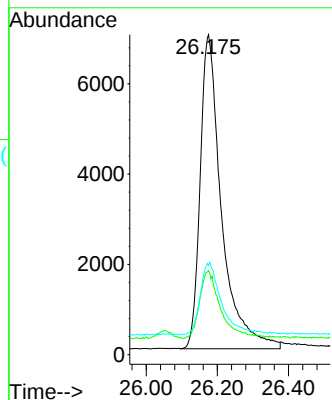
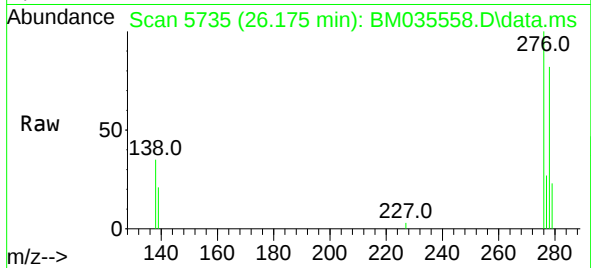




#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 26.175 min Scan# 51
Delta R.T. -0.046 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Instrument :
BNA_M
ClientSampleId :
SLCS542

Tgt Ion:278 Resp: 29023
Ion Ratio Lower Upper
278 100
139 26.2 19.1 28.7
279 27.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 26.910 min Scan# 5954
Delta R.T. -0.036 min
Lab File: BM035558.D
Acq: 21 Jun 2022 05:56

Tgt Ion:276 Resp: 31292
Ion Ratio Lower Upper
276 100
138 30.0 23.1 34.7
277 25.5 20.3 30.5

