

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035542.D
 Acq On : 20 Jun 2022 19:42
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4103

Quant Time: Jun 21 01:29:16 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)

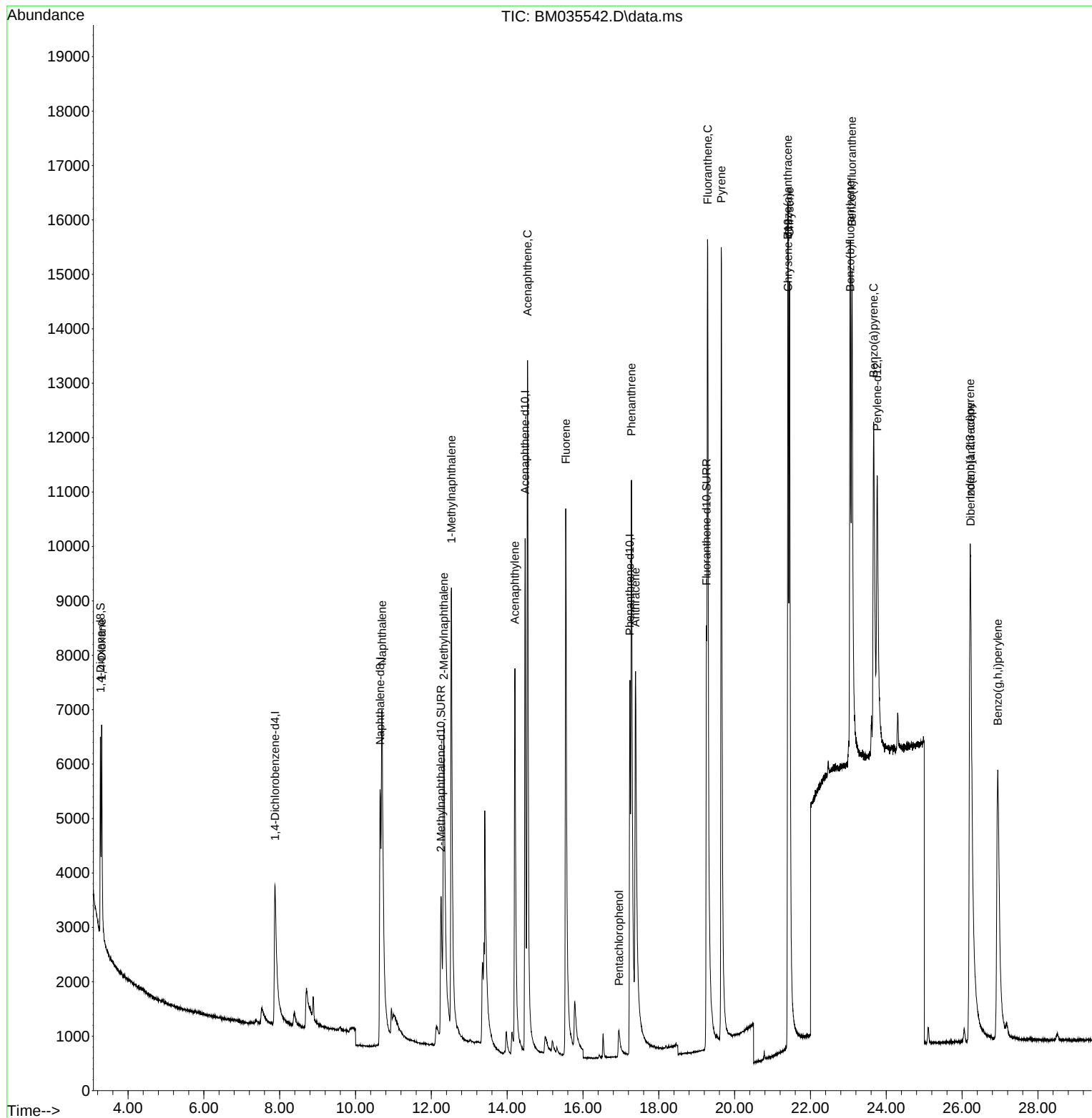
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	3555	0.400	ng/ul	0.02
4) Naphthalene-d8	10.649	136	13651	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7218	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	12979	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	10626	0.400	ng/ul	0.00
23) Perylene-d12	23.761	264	9295	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	2200	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	7796	0.384	ng/ul	0.01
18) Fluoranthene-d10	19.257	212	13740	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	2262	0.454	ng/ul#	72
5) Naphthalene	10.699	128	15547	0.336	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	8958	0.339	ng/ul	98
8) 1-Methylnaphthalene	12.530	142	9291	0.383	ng/ul	99
10) Acenaphthylene	14.206	152	14516	0.357	ng/ul	99
11) Acenaphthene	14.539	153	10893	0.362	ng/ul	99
12) Fluorene	15.547	166	11788	0.346	ng/ul	100
14) Pentachlorophenol	16.951	266	766	0.308	ng/ul	99
15) Phenanthrene	17.280	178	17246	0.362	ng/ul	99
16) Anthracene	17.386	178	14429	0.346	ng/ul	99
19) Fluoranthene	19.290	202	19198	0.353	ng/ul	99
20) Pyrene	19.648	202	20652	0.363	ng/ul	99
21) Benzo(a)anthracene	21.403	228	13052	0.325	ng/ul	99
22) Chrysene	21.449	228	17325	0.362	ng/ul	99
24) Benzo(b)fluoranthene	23.051	252	14763	0.363	ng/ul	99
25) Benzo(k)fluoranthene	23.095	252	15082	0.357	ng/ul	99
26) Benzo(a)pyrene	23.668	252	15364	0.364	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.215	276	18381	0.378	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.225	278	14922	0.376	ng/ul	99
29) Benzo(g,h,i)perylene	26.942	276	16903	0.388	ng/ul	99

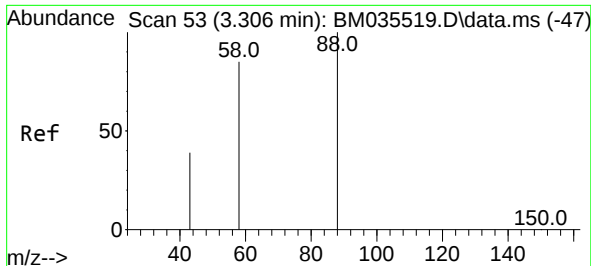
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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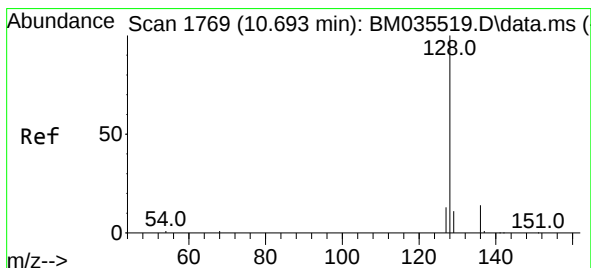
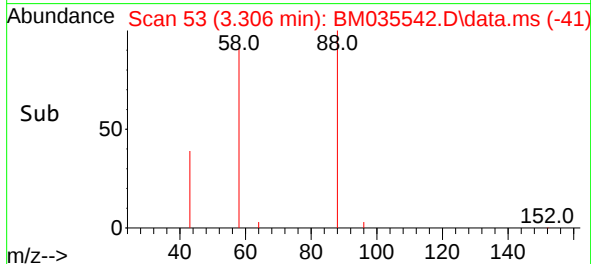
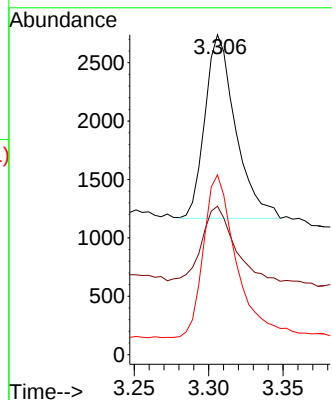
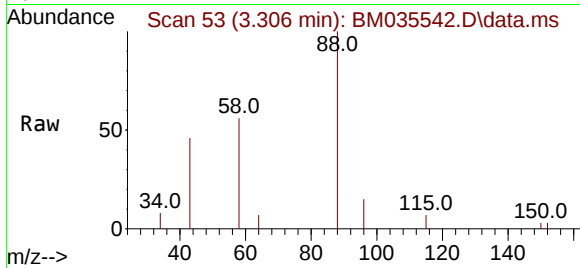




#2
1,4-Dioxane
Concen: 0.454 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

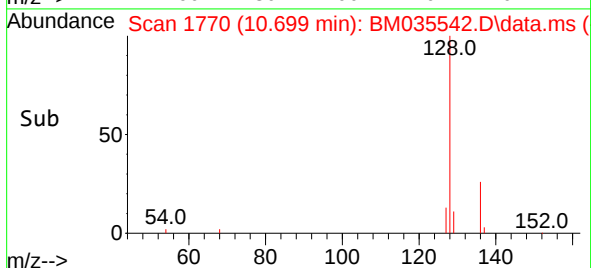
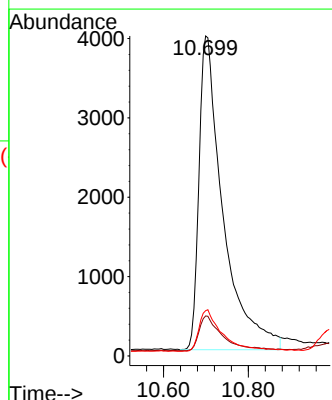
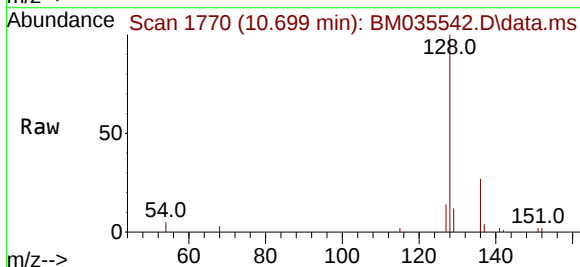
Instrument :
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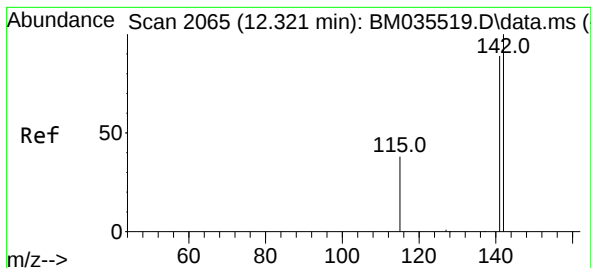
Tgt Ion: 88 Resp: 2262
Ion Ratio Lower Upper
88 100
43 46.4 70.4 105.6#
58 56.2 45.6 68.4



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. 0.005 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion: 128 Resp: 15547
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 14.2 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.339 ng/ul

RT: 12.327 min Scan# 2066

Delta R.T. 0.005 min

Lab File: BM035542.D

Acq: 20 Jun 2022 19:42

Instrument :

BNA_M

ClientSampleId :

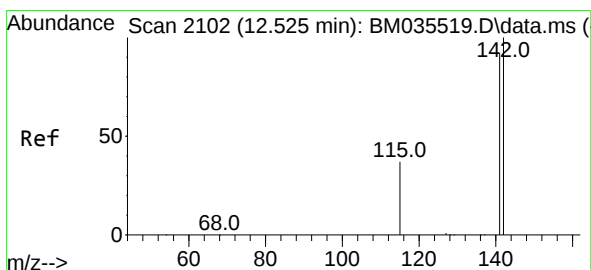
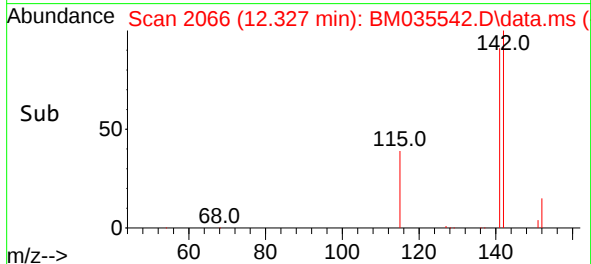
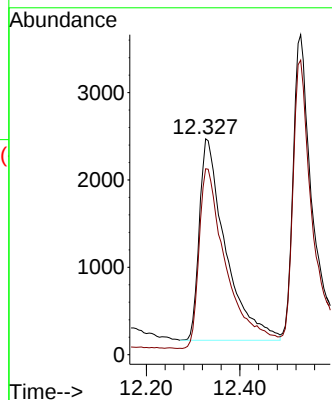
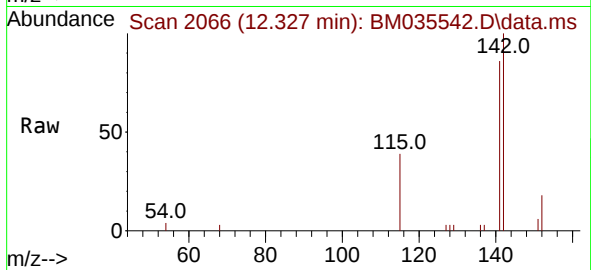
SSTD0.4103

Tgt Ion:142 Resp: 8958

Ion Ratio Lower Upper

142 100

141 94.4 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.383 ng/ul

RT: 12.530 min Scan# 2103

Delta R.T. 0.005 min

Lab File: BM035542.D

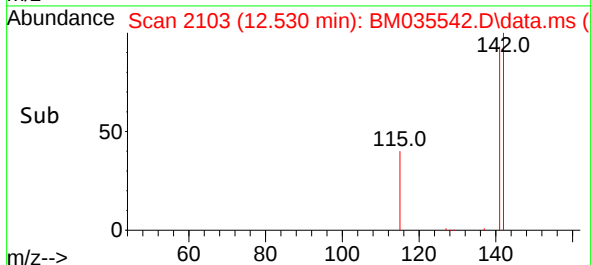
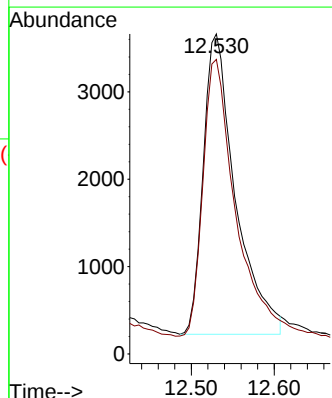
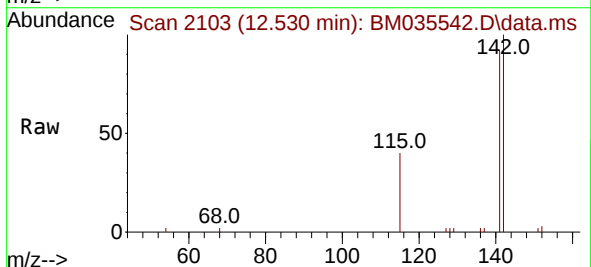
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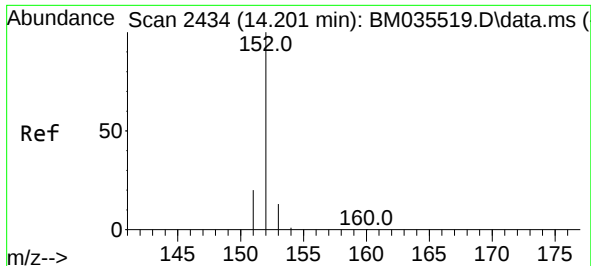
Tgt Ion:142 Resp: 9291

Ion Ratio Lower Upper

142 100

141 92.2 74.6 111.8

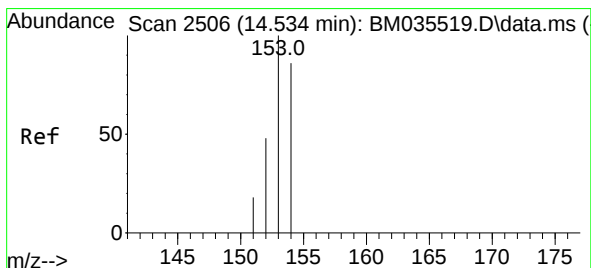
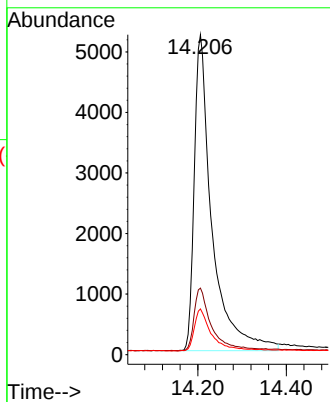
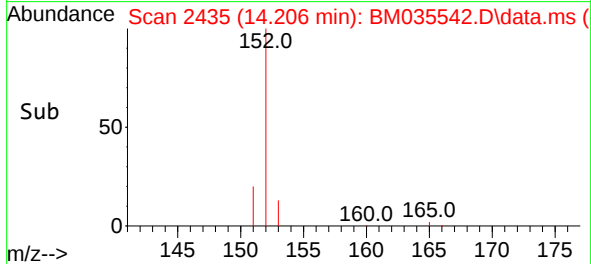
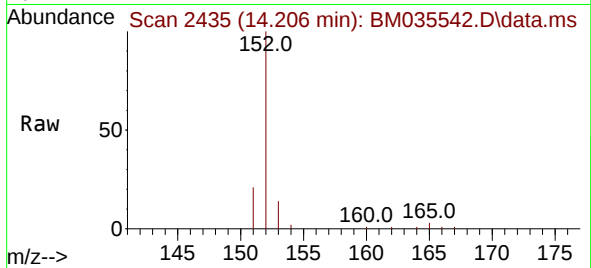




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

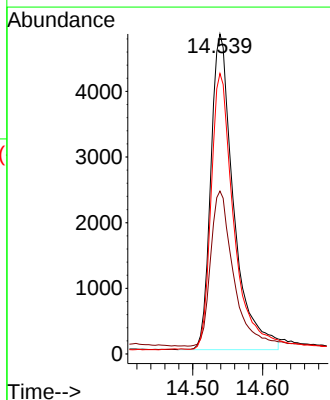
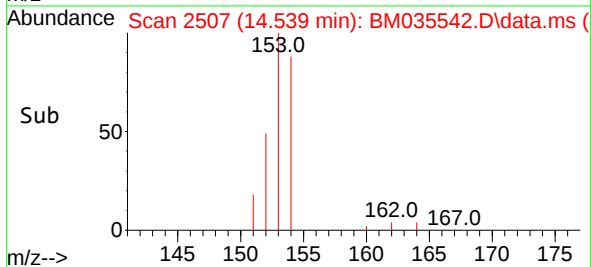
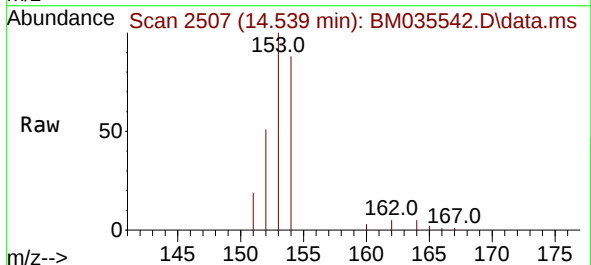
Instrument :
BNA_M
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SSTD0.4103

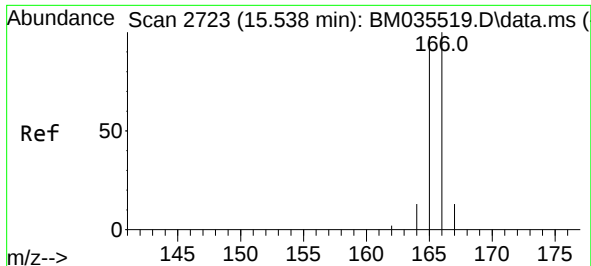
Tgt Ion:152 Resp: 14516
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.3 11.1 16.7



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.005 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion:153 Resp: 10893
Ion Ratio Lower Upper
153 100
152 50.9 40.0 60.0
154 87.6 69.1 103.7

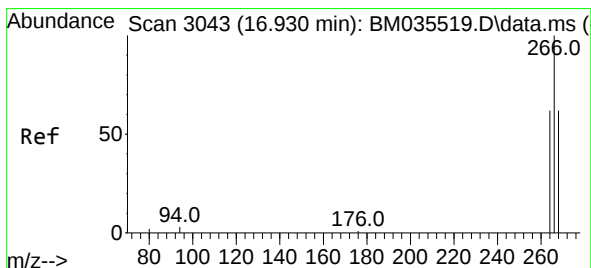
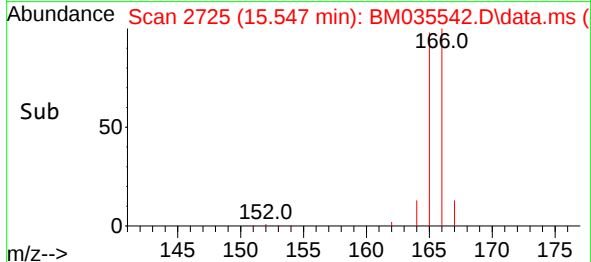
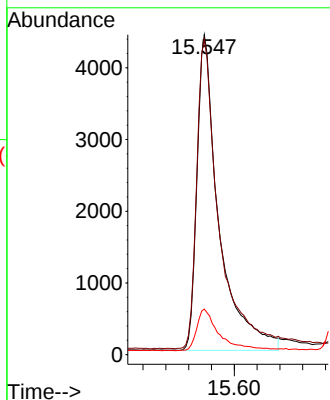
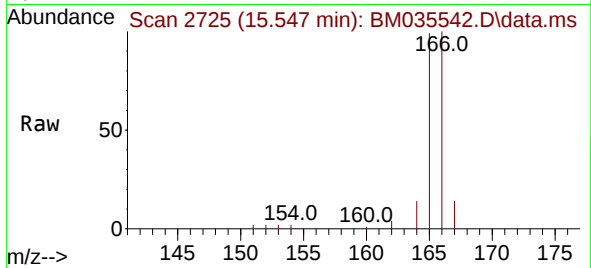




#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.547 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

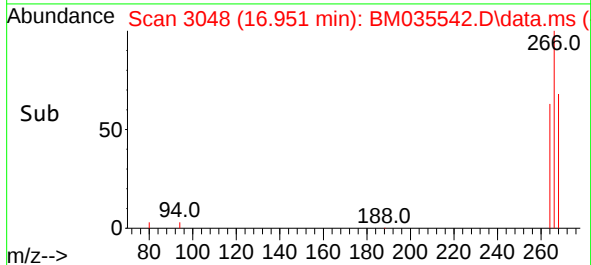
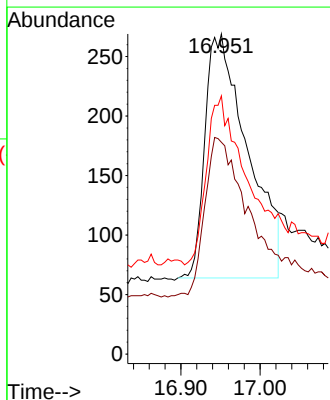
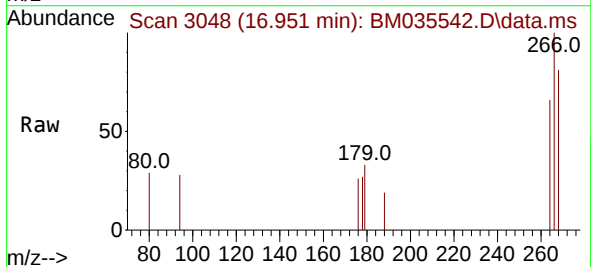
Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

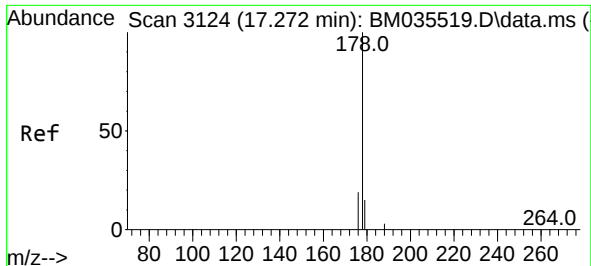
Tgt Ion:166 Resp: 11788
Ion Ratio Lower Upper
166 100
165 98.5 78.7 118.1
167 14.3 11.6 17.4



#14
Pentachlorophenol
Concen: 0.308 ng/ul
RT: 16.951 min Scan# 3048
Delta R.T. 0.021 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion:266 Resp: 766
Ion Ratio Lower Upper
266 100
264 64.6 51.0 76.4
268 64.4 51.7 77.5

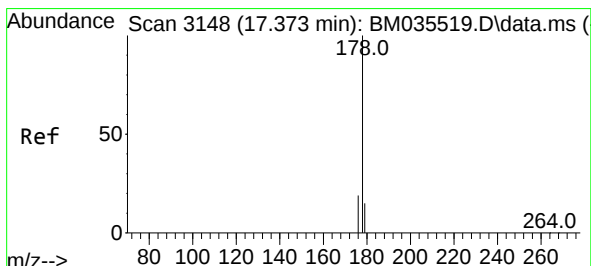
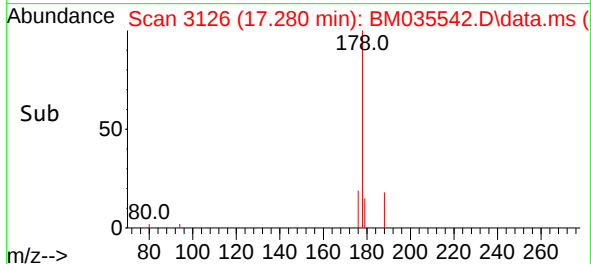
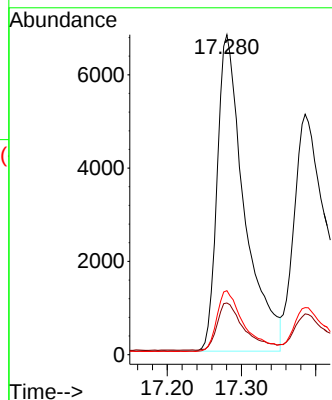
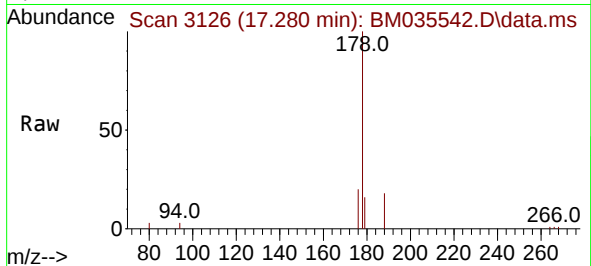




#15
Phenanthrene
Concen: 0.362 ng/u1
RT: 17.280 min Scan# 3124
Delta R.T. 0.008 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

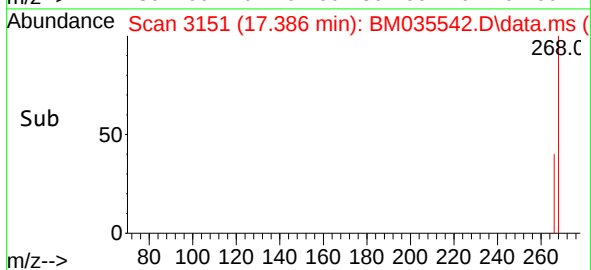
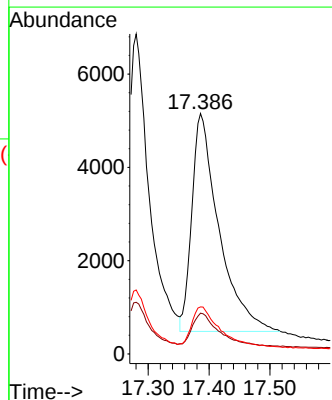
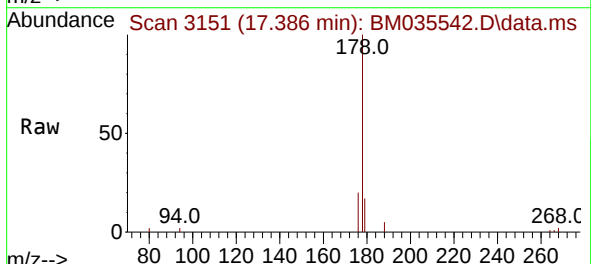
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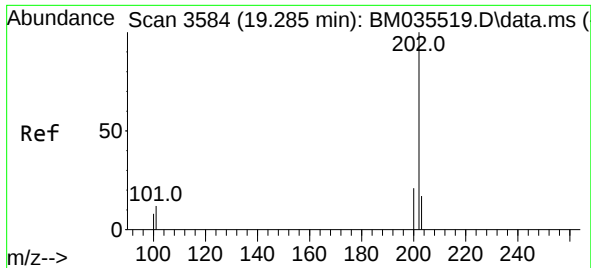
Tgt Ion:178 Resp: 17246
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 20.0 16.2 24.4



#16
Anthracene
Concen: 0.346 ng/u1
RT: 17.386 min Scan# 3151
Delta R.T. 0.013 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion:178 Resp: 14429
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.0
176 19.5 15.9 23.9

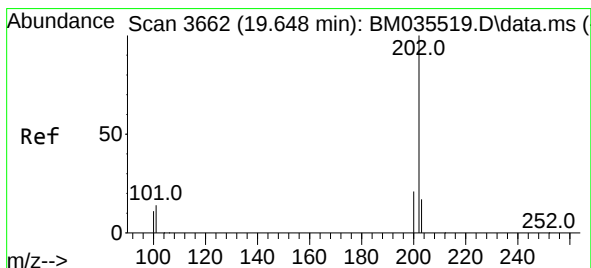
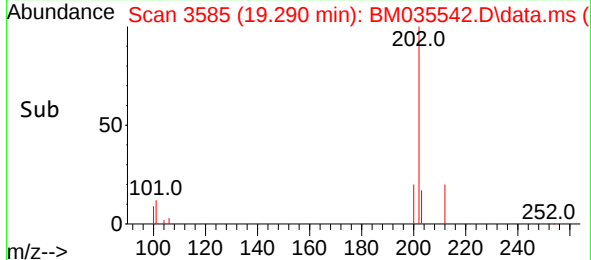
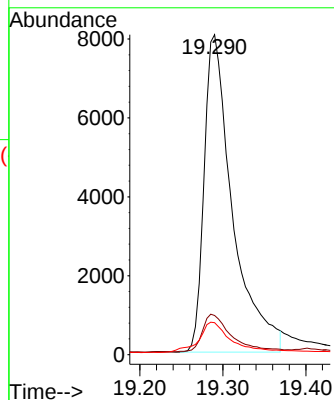
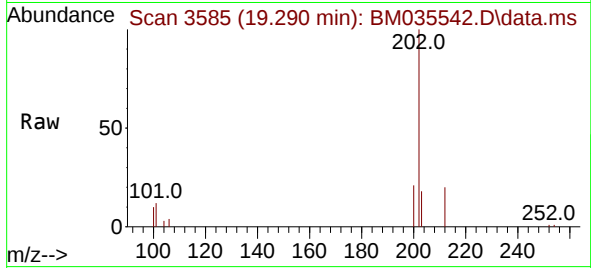




#19
Fluoranthene
Concen: 0.353 ng/u1
RT: 19.290 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

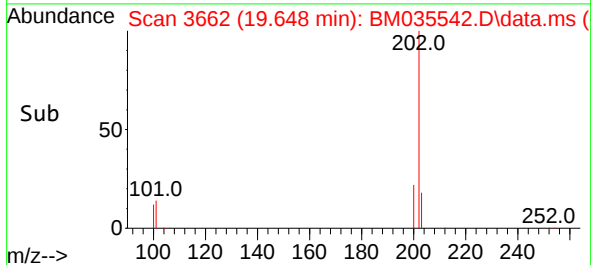
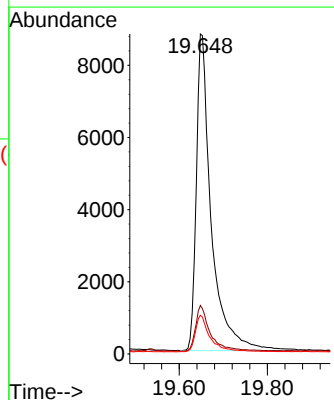
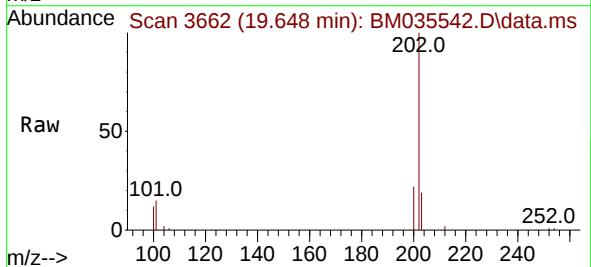
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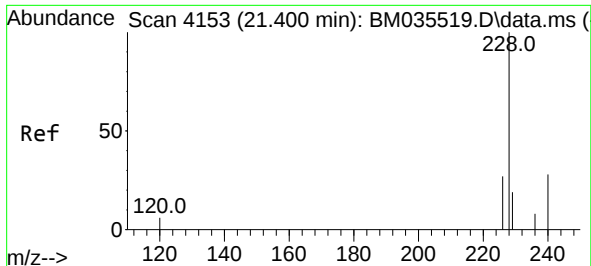
Tgt Ion:202 Resp: 19198
Ion Ratio Lower Upper
202 100
101 12.3 10.0 15.0
100 10.0 7.5 11.3



#20
Pyrene
Concen: 0.363 ng/u1
RT: 19.648 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion:202 Resp: 20652
Ion Ratio Lower Upper
202 100
101 15.2 11.6 17.4
100 12.1 9.3 13.9

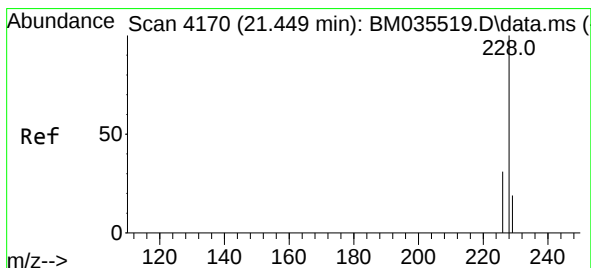
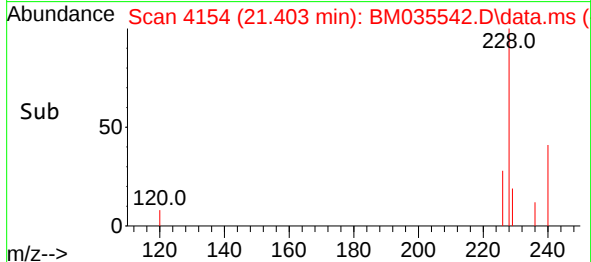
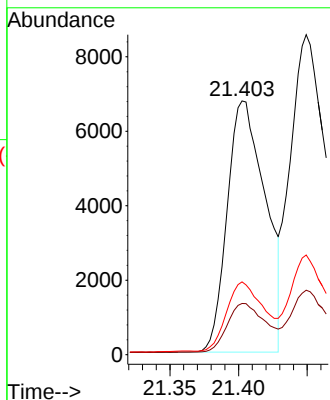
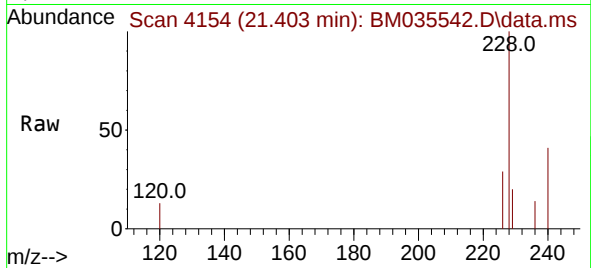




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.403 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

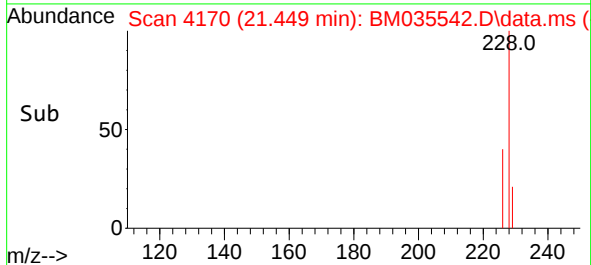
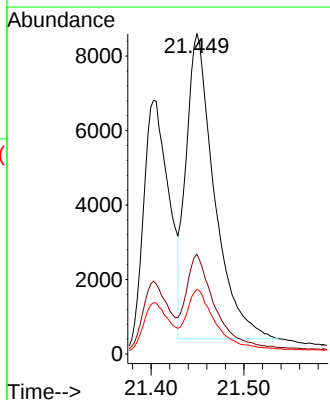
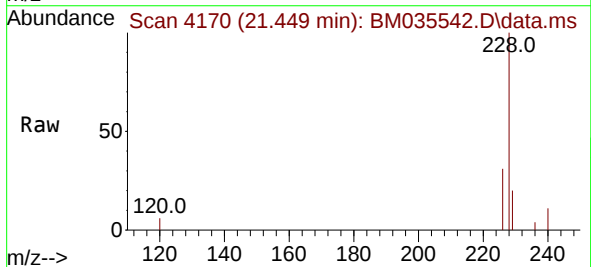
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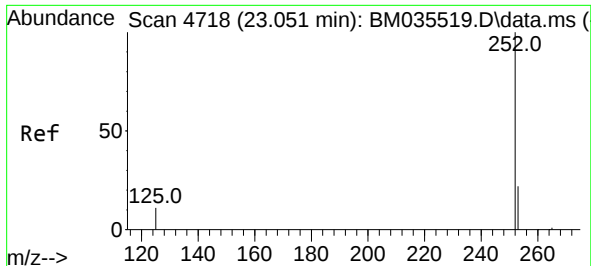
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Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.7 22.3 33.5



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion:228 Resp: 17325
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 20.2 15.8 23.8

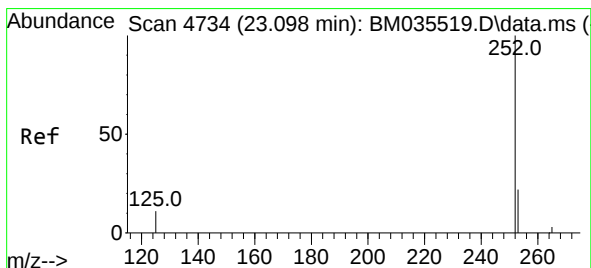
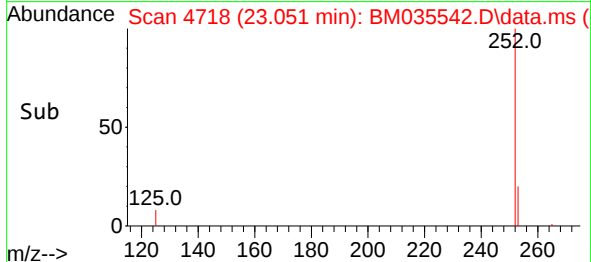
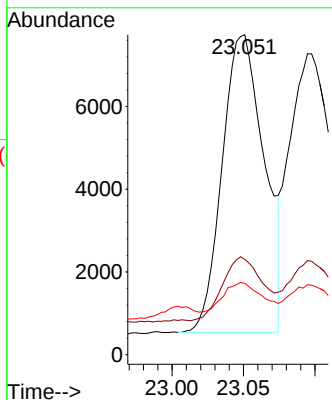
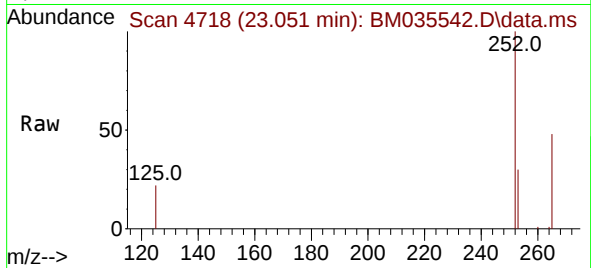




#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 23.051 min Scan# 4718
Delta R.T. -0.000 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

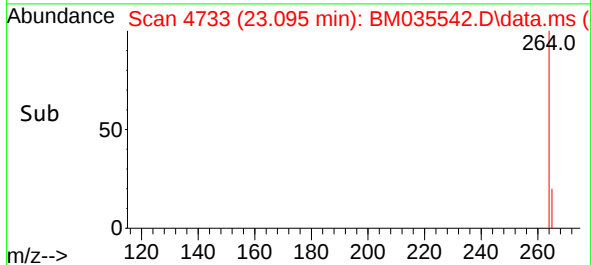
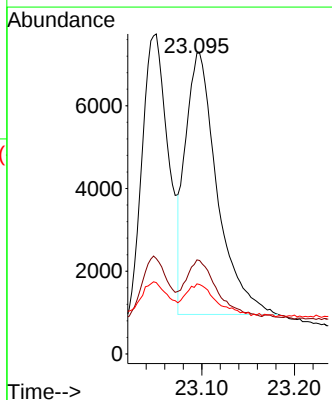
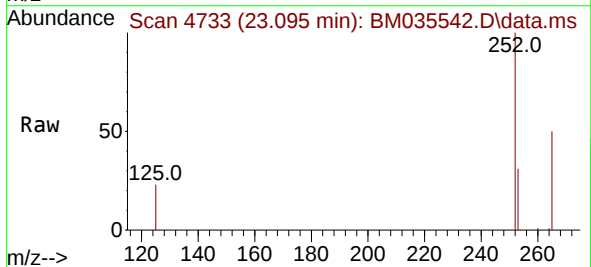
Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

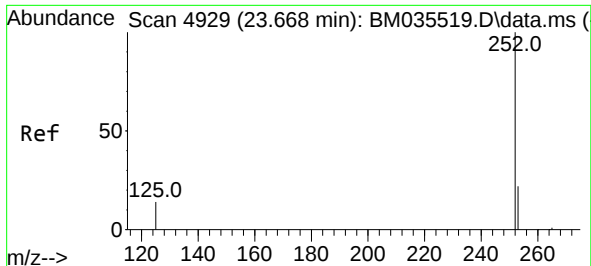
Tgt Ion:252 Resp: 14763
Ion Ratio Lower Upper
252 100
253 29.8 0.0 60.6
125 22.3 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. -0.003 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion:252 Resp: 15082
Ion Ratio Lower Upper
252 100
253 31.2 24.7 37.1
125 23.3 18.2 27.4

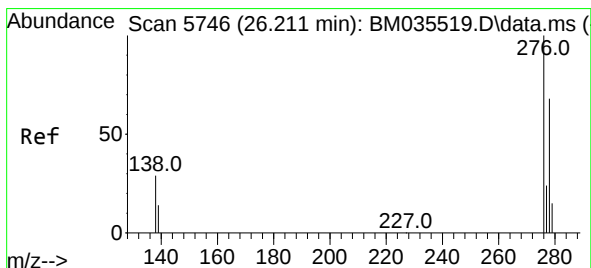
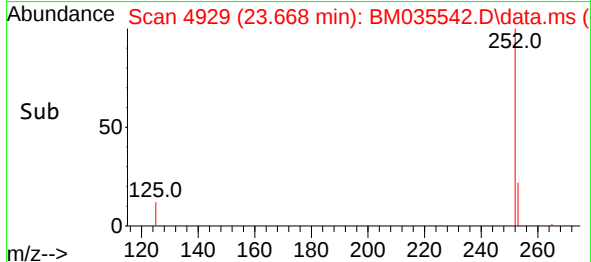
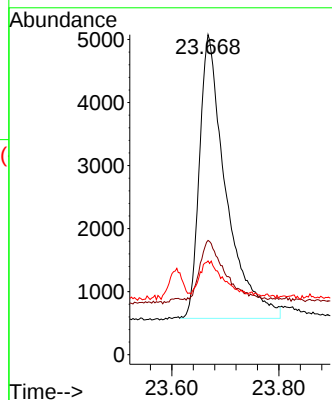
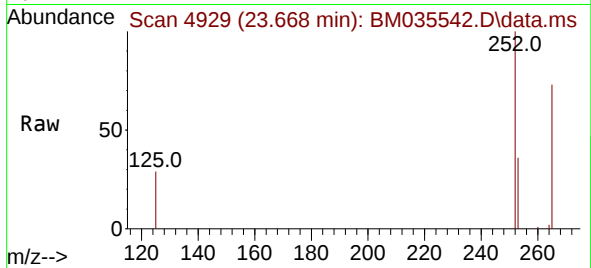




#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.000 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

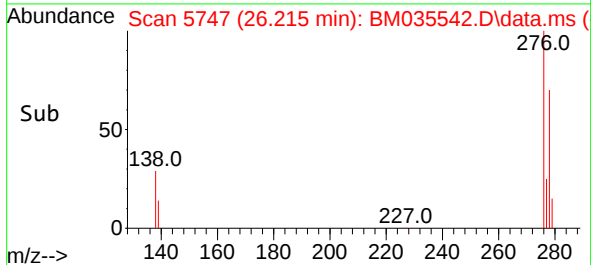
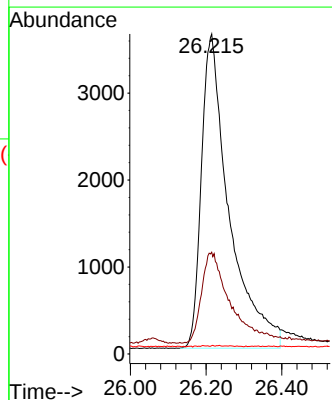
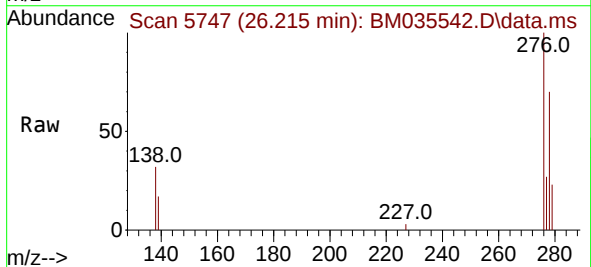
Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

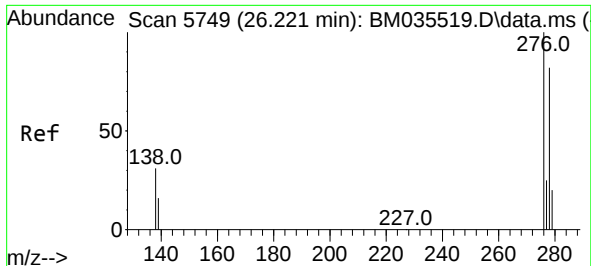
Tgt Ion:252 Resp: 15364
Ion Ratio Lower Upper
252 100
253 35.7 27.8 41.6
125 29.3 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. 0.003 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion:276 Resp: 18381
Ion Ratio Lower Upper
276 100
138 30.1 24.8 37.2
227 0.0 0.1 0.1#

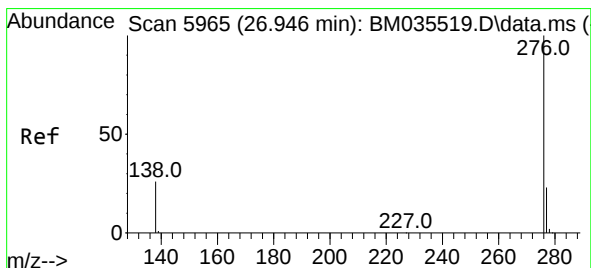
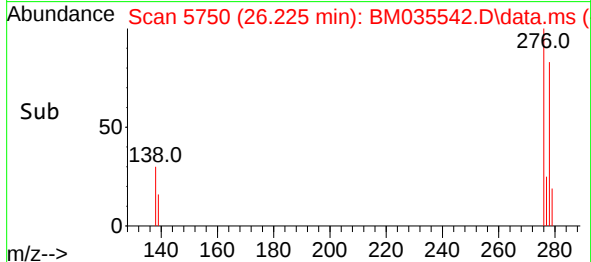
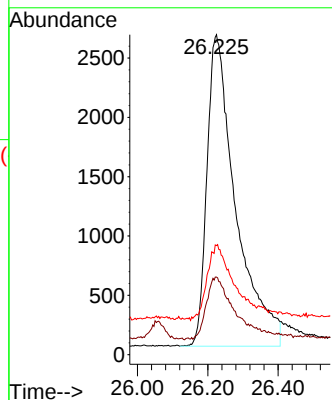
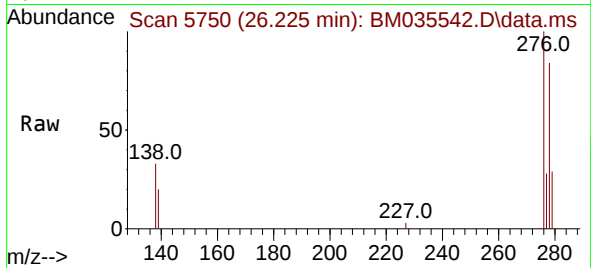




#28
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 26.225 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:278 Resp: 14922
Ion Ratio Lower Upper
278 100
139 24.2 19.1 28.7
279 34.1 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 26.942 min Scan# 5964
Delta R.T. -0.003 min
Lab File: BM035542.D
Acq: 20 Jun 2022 19:42

Tgt Ion:276 Resp: 16903
Ion Ratio Lower Upper
276 100
138 28.8 23.1 34.7
277 25.9 20.3 30.5

