

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045475.D
 Acq On : 22 Apr 2024 11:59
 Operator : MA/JU
 Sample : PB160063BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS063

Quant Time: Apr 23 01:48:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 01:47:19 2024
 Response via : Initial Calibration

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

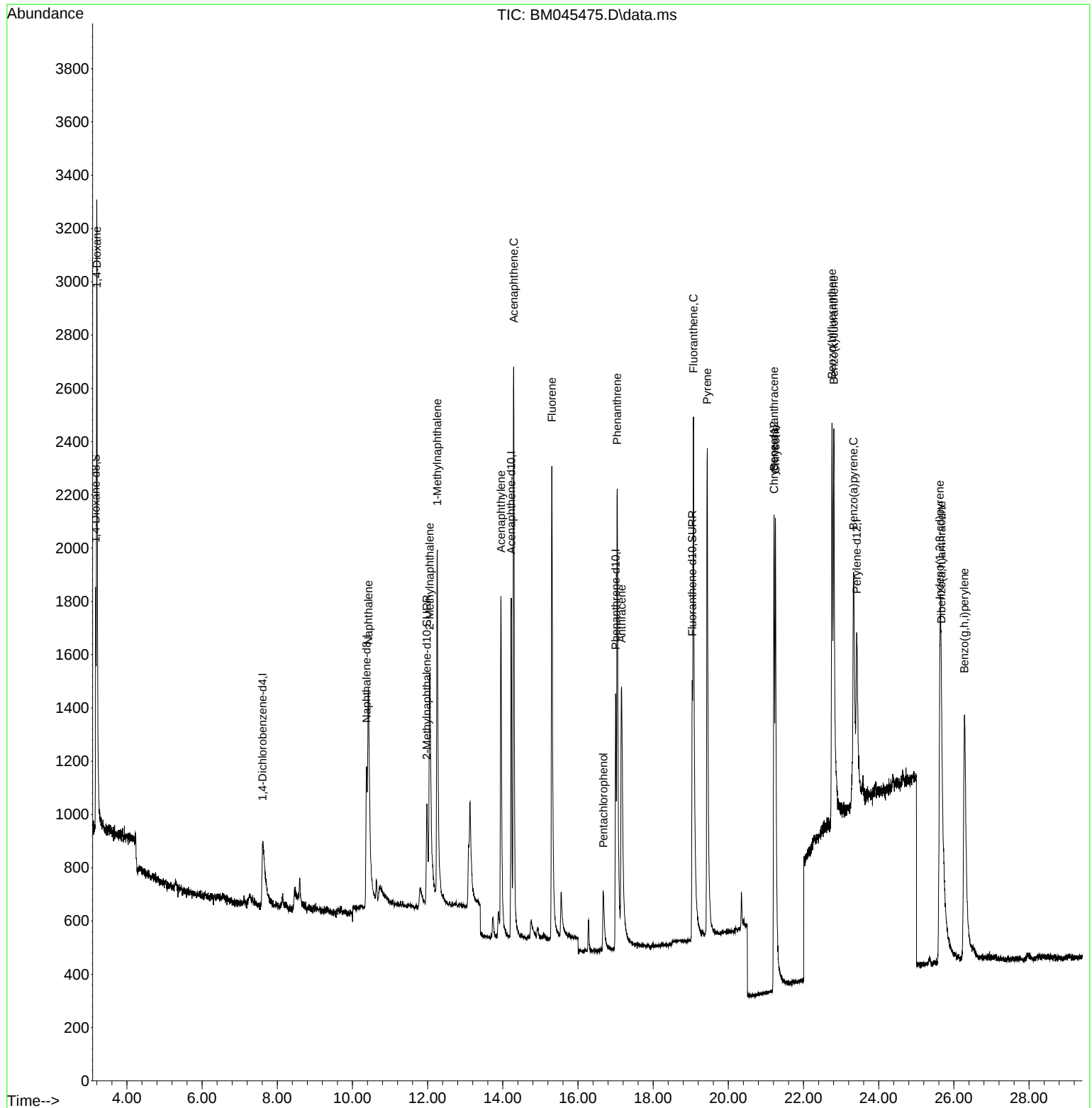
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	515	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.375	136	1625	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.224	164	874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.001	188	1855	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	953	0.400	ng/ul	0.00
23) Perylene-d12	23.417	264	1171	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	814	1.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.980	152	1069	0.499	ng/ul	0.00
18) Fluoranthene-d10	19.038	212	1808	0.603	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.201	88	1819	2.739	ng/ul#	83
5) Naphthalene	10.424	128	2165	0.496	ng/ul	99
7) 2-Methylnaphthalene	12.057	142	1307	0.524	ng/ul	97
8) 1-Methylnaphthalene	12.255	142	1416	0.507	ng/ul	99
10) Acenaphthylene	13.951	152	2288	0.531	ng/ul	99
11) Acenaphthene	14.288	153	1726	0.539	ng/ul	99
12) Fluorene	15.306	166	1865	0.545	ng/ul	100
14) Pentachlorophenol	16.676	266	298	0.806	ng/ul	93
15) Phenanthrene	17.043	178	2720	0.503	ng/ul	99
16) Anthracene	17.157	178	2503	0.495	ng/ul	98
19) Fluoranthene	19.071	202	2744	0.624	ng/ul	98
20) Pyrene	19.438	202	2872	0.635	ng/ul	99
21) Benzo(a)anthracene	21.214	228	1604	0.527	ng/ul	100
22) Chrysene	21.252	228	2590	0.553	ng/ul	97
24) Benzo(b)fluoranthene	22.757	252	2264	0.575	ng/ul	96
25) Benzo(k)fluoranthene	22.803	252	2795	0.562	ng/ul	93
26) Benzo(a)pyrene	23.330	252	2288	0.560	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.625	276	3355	0.565	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.666	278	2518	0.535	ng/ul	94
29) Benzo(g,h,i)perylene	26.279	276	3079	0.577	ng/ul	95

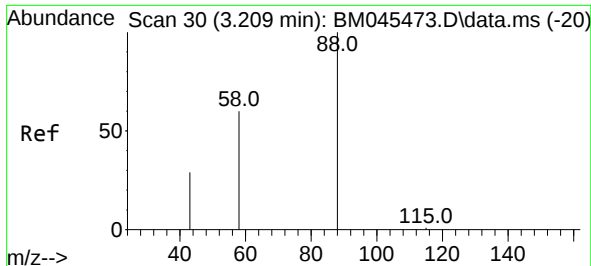
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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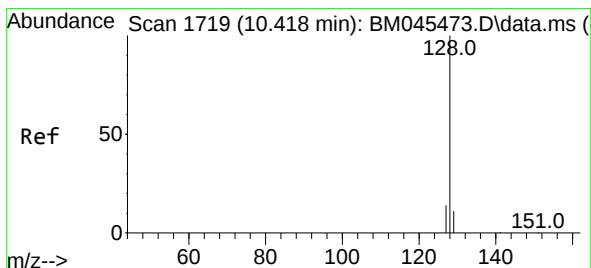
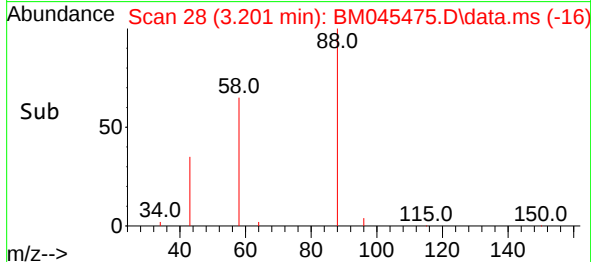
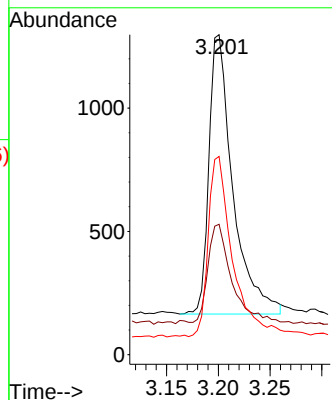
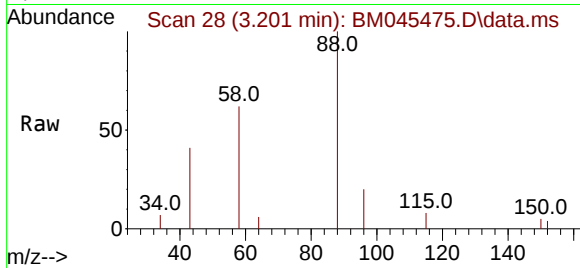




#2
 1,4-Dioxane
 Concen: 2.739 ng/ul
 RT: 3.201 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BM045475.D
 Acq: 22 Apr 2024 11:59

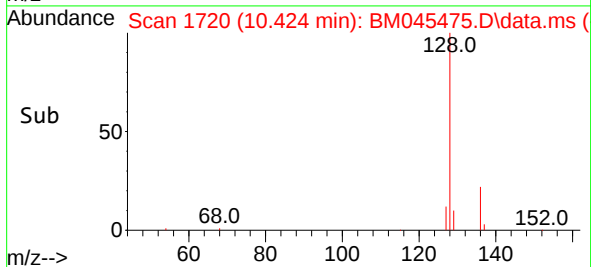
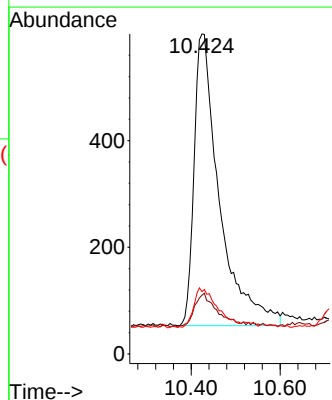
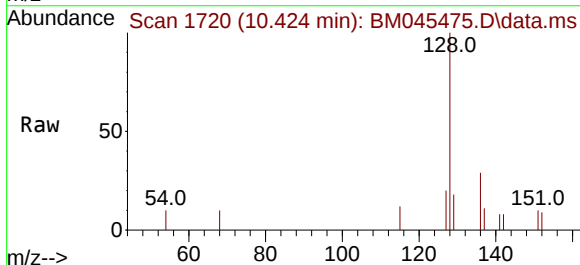
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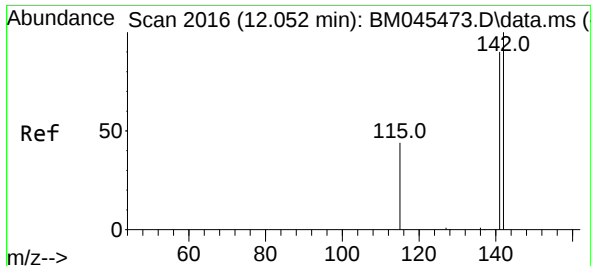
Tgt Ion: 88 Resp: 1819
 Ion Ratio Lower Upper
 88 100
 43 40.8 36.8 55.2
 58 61.9 35.4 53.2#



#5
 Naphthalene
 Concen: 0.496 ng/ul
 RT: 10.424 min Scan# 1720
 Delta R.T. 0.006 min
 Lab File: BM045475.D
 Acq: 22 Apr 2024 11:59

Tgt Ion: 128 Resp: 2165
 Ion Ratio Lower Upper
 128 100
 129 18.3 14.0 21.0
 127 19.5 15.4 23.2

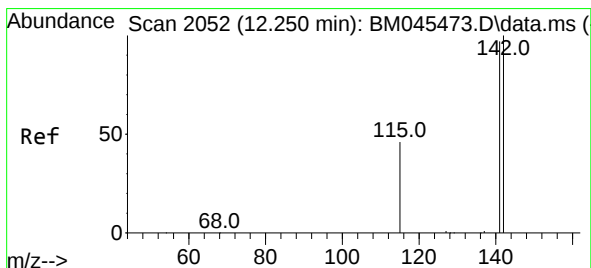
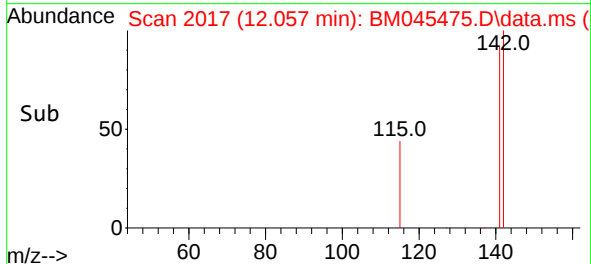
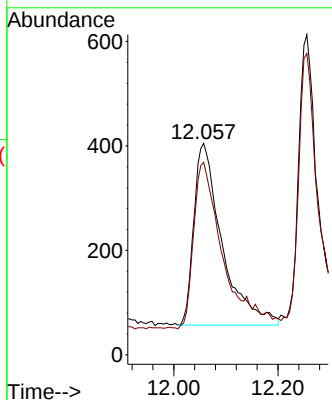
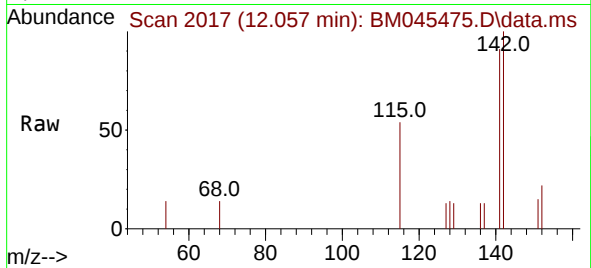




#7
2-Methylnaphthalene
Concen: 0.524 ng/ul
RT: 12.057 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

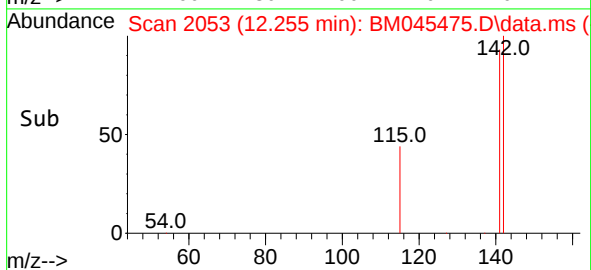
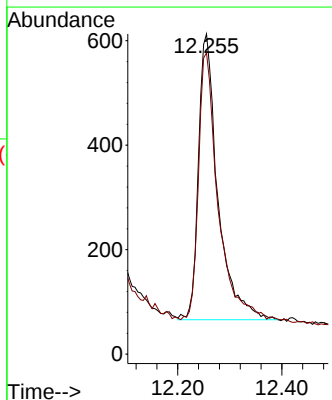
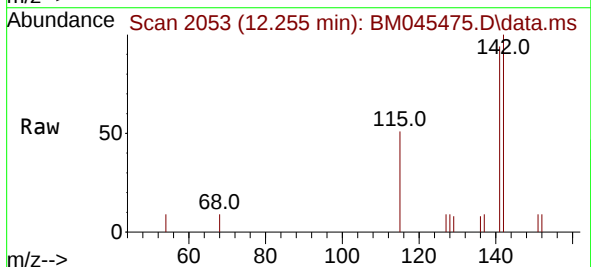
Instrument :
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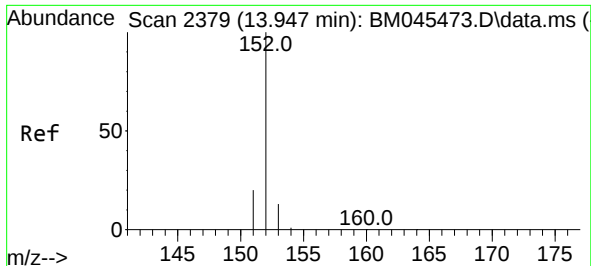
Tgt Ion:142 Resp: 1307
Ion Ratio Lower Upper
142 100
141 96.5 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.507 ng/ul
RT: 12.255 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

Tgt Ion:142 Resp: 1416
Ion Ratio Lower Upper
142 100
141 94.0 76.1 114.1

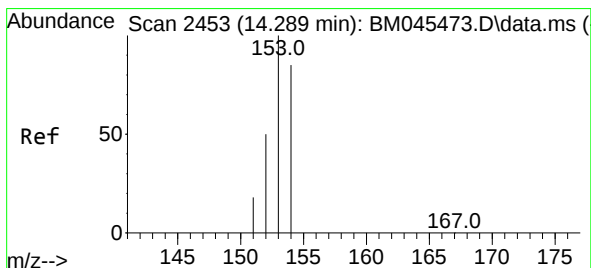
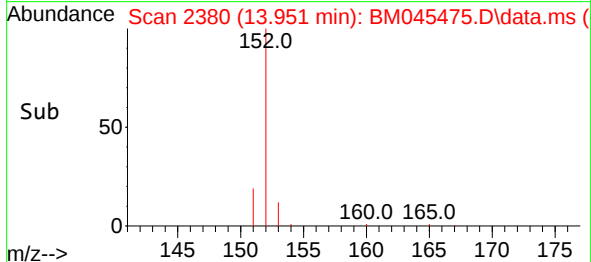
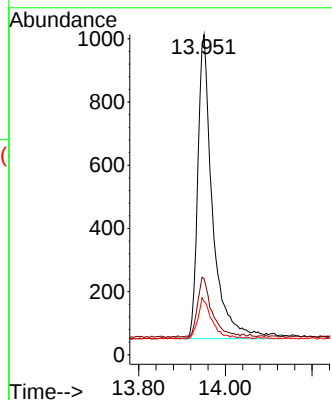
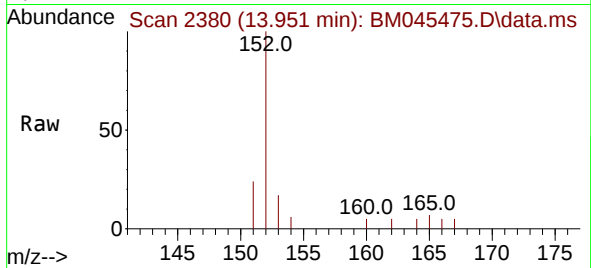




#10
Acenaphthylene
Concen: 0.531 ng/ul
RT: 13.951 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

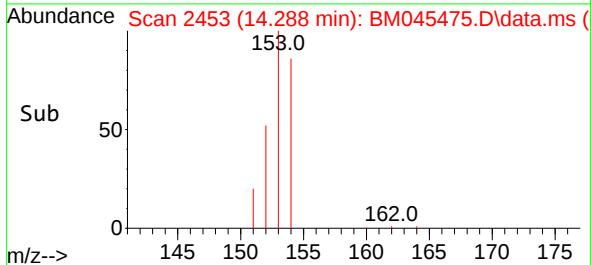
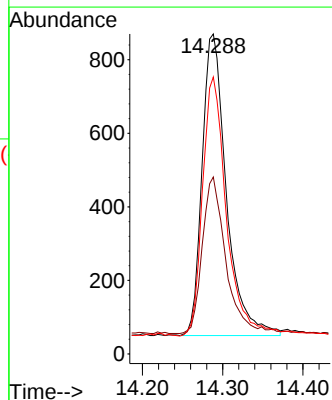
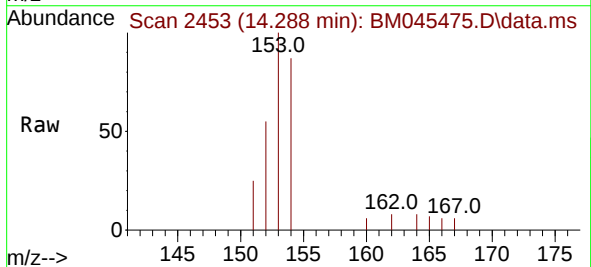
Instrument :
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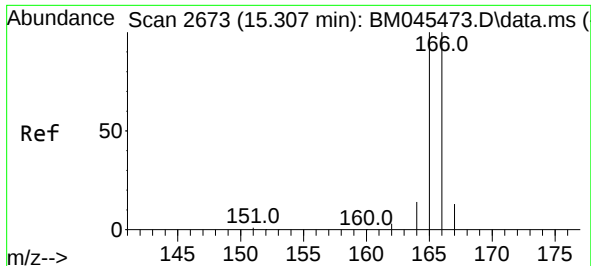
Tgt Ion:152 Resp: 2288
Ion Ratio Lower Upper
152 100
151 23.8 18.6 28.0
153 16.7 14.1 21.1



#11
Acenaphthene
Concen: 0.539 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

Tgt Ion:153 Resp: 1726
Ion Ratio Lower Upper
153 100
152 55.3 43.4 65.2
154 86.6 69.0 103.6

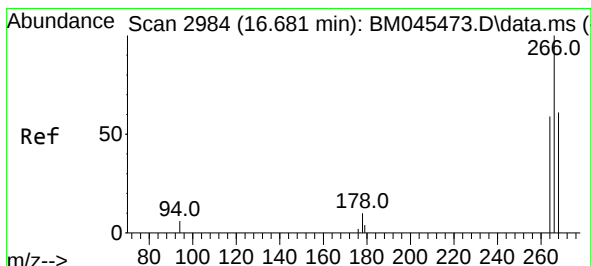
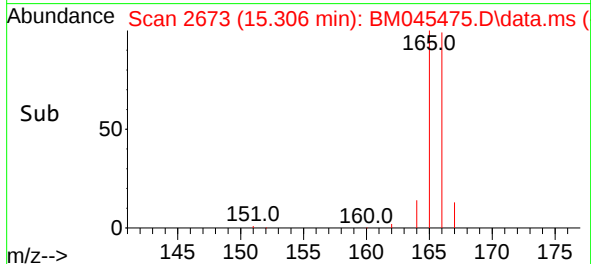
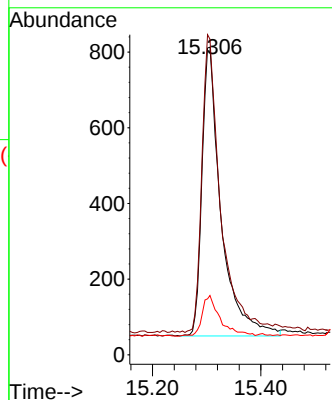
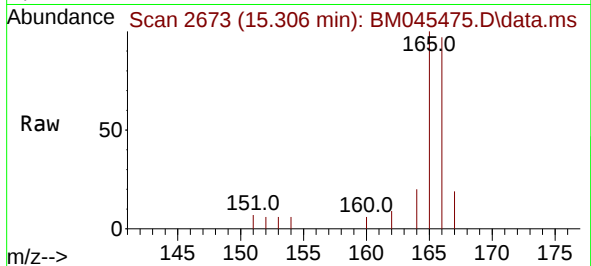




#12
Fluorene
Concen: 0.545 ng/ul
RT: 15.306 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

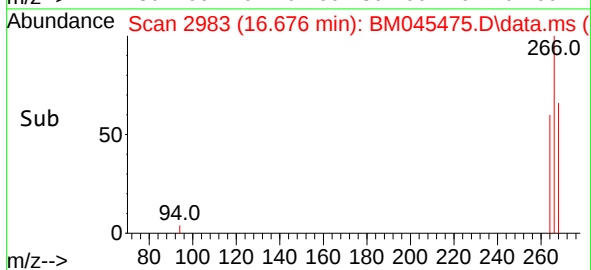
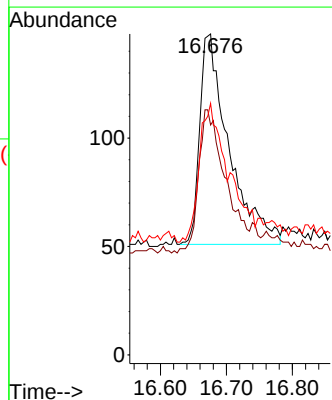
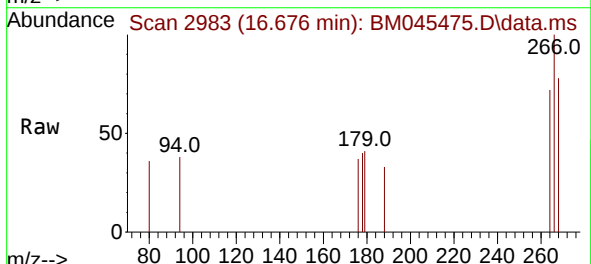
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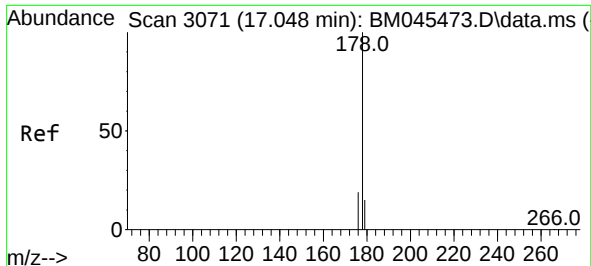
Tgt Ion:	166	Resp:	1865
Ion	Ratio	Lower	Upper
166	100		
165	102.6	82.2	123.2
167	19.3	14.8	22.2



#14
Pentachlorophenol
Concen: 0.806 ng/ul
RT: 16.676 min Scan# 2983
Delta R.T. -0.005 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

Tgt Ion:	266	Resp:	298
Ion	Ratio	Lower	Upper
266	100		
264	63.4	45.5	68.3
268	74.5	56.1	84.1

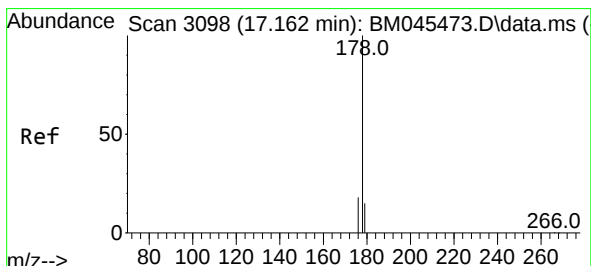
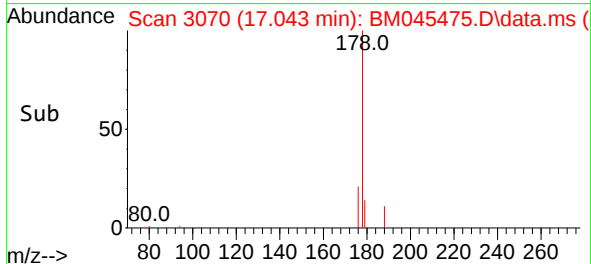
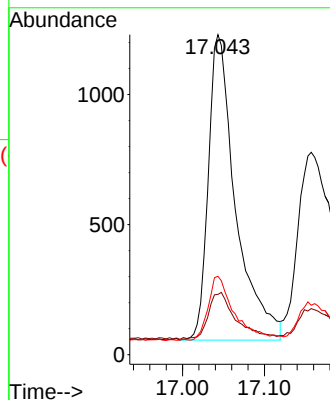
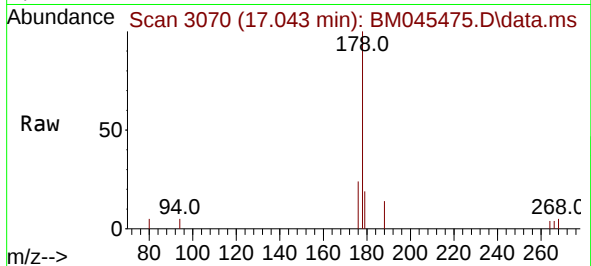




#15
Phenanthrene
Concen: 0.503 ng/ul
RT: 17.043 min Scan# 3070
Delta R.T. -0.005 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

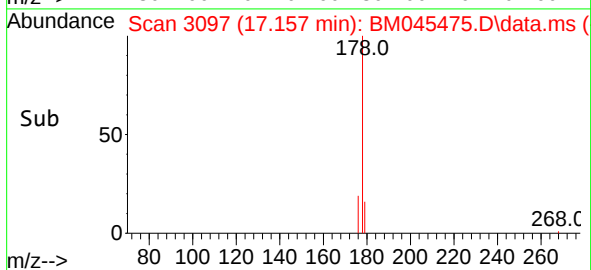
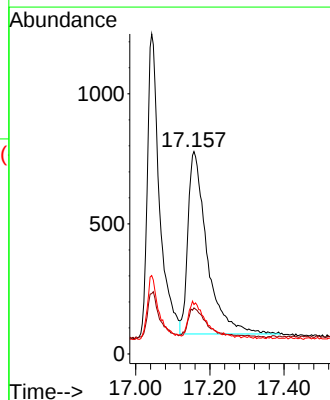
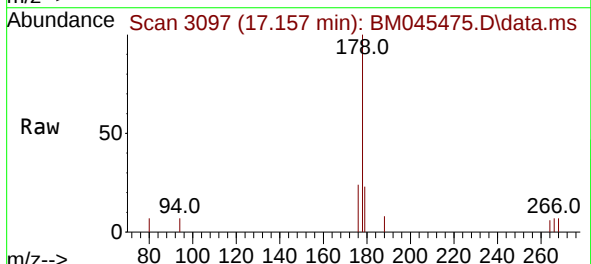
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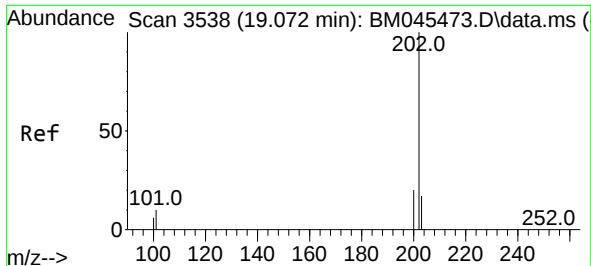
Tgt Ion:	178	Resp:	2720
Ion	Ratio	Lower	Upper
178	100		
179	18.9	15.4	23.2
176	24.5	19.0	28.4



#16
Anthracene
Concen: 0.495 ng/ul
RT: 17.157 min Scan# 3097
Delta R.T. -0.005 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

Tgt Ion:	178	Resp:	2503
Ion	Ratio	Lower	Upper
178	100		
179	22.8	17.8	26.6
176	24.4	18.7	28.1

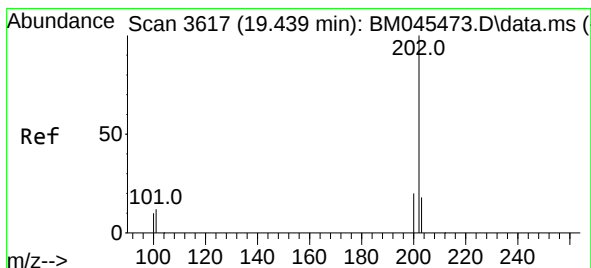
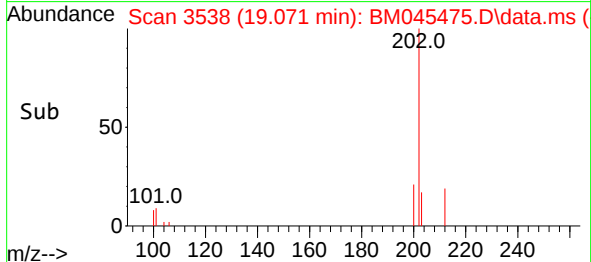
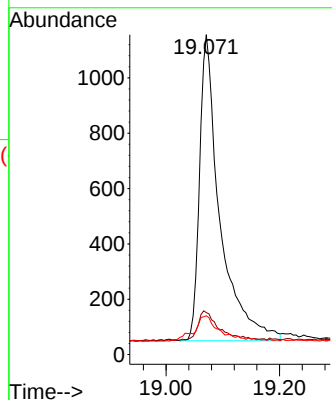
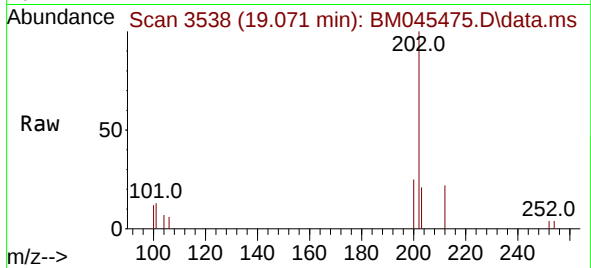




#19
Fluoranthene
Concen: 0.624 ng/ul
RT: 19.071 min Scan# 3538
Delta R.T. -0.001 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

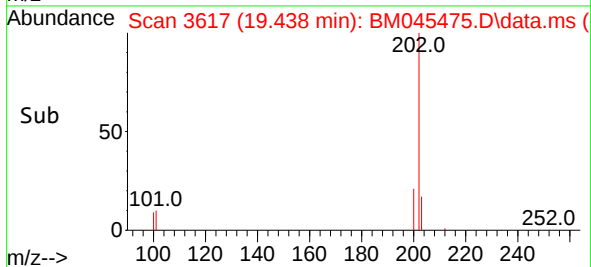
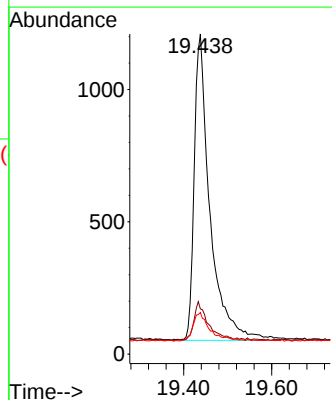
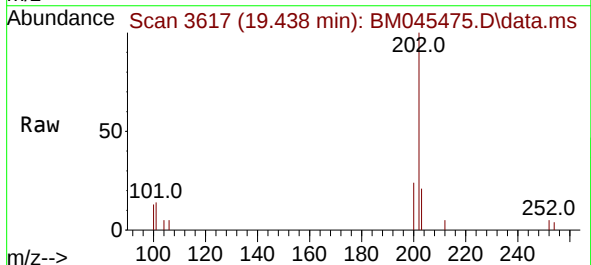
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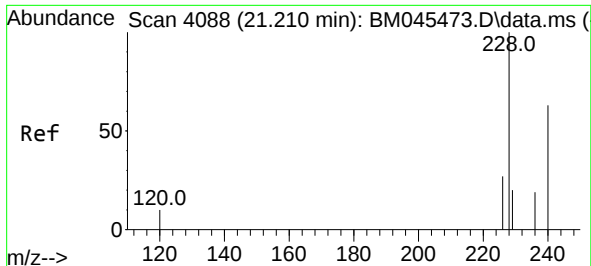
Tgt Ion:202 Resp: 2744
Ion Ratio Lower Upper
202 100
101 13.1 11.2 16.8
100 12.1 9.1 13.7



#20
Pyrene
Concen: 0.635 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.001 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

Tgt Ion:202 Resp: 2872
Ion Ratio Lower Upper
202 100
101 14.1 11.5 17.3
100 13.0 10.6 15.8

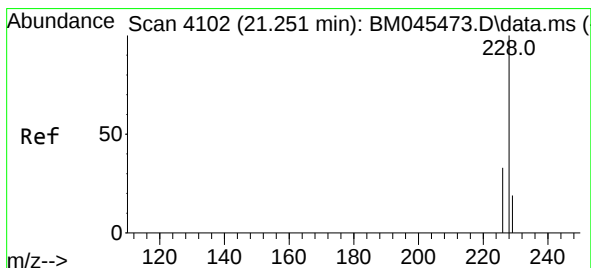
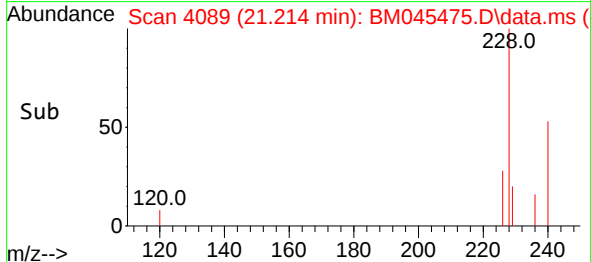
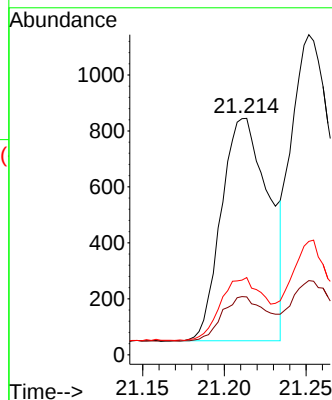
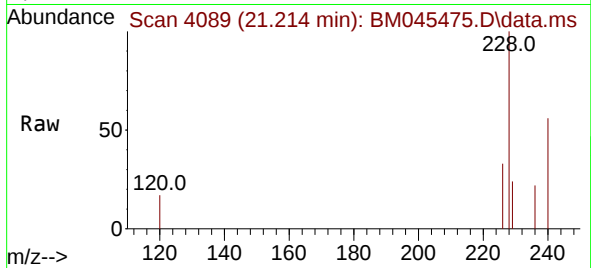




#21
Benzo(a)anthracene
Concen: 0.527 ng/ul
RT: 21.214 min Scan# 4089
Delta R.T. 0.004 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

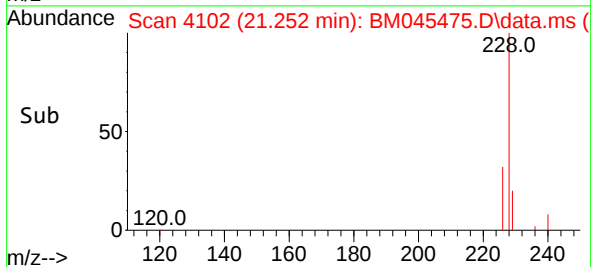
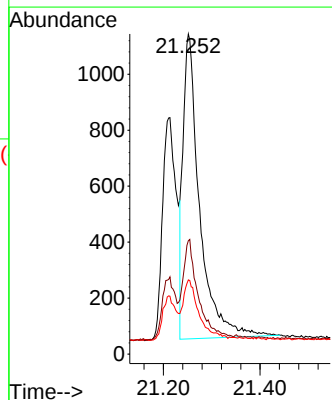
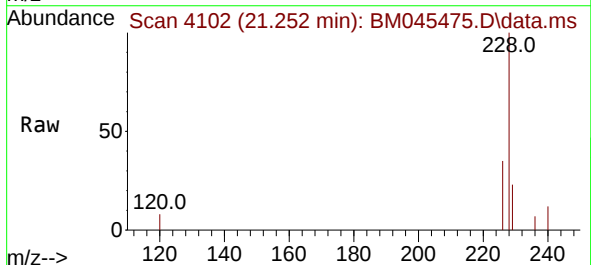
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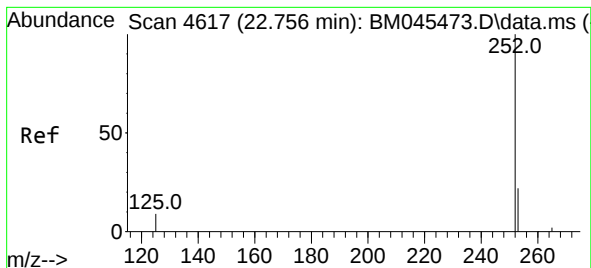
Tgt Ion:228 Resp: 1604
Ion Ratio Lower Upper
228 100
229 24.5 19.4 29.2
226 32.7 26.3 39.5



#22
Chrysene
Concen: 0.553 ng/ul
RT: 21.252 min Scan# 4102
Delta R.T. 0.001 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

Tgt Ion:228 Resp: 2590
Ion Ratio Lower Upper
228 100
226 35.4 26.3 39.5
229 23.2 17.8 26.8





#24

Benzo(b)fluoranthene

Concen: 0.575 ng/ul

RT: 22.757 min Scan# 4617

Delta R.T. 0.001 min

Lab File: BM045475.D

Acq: 22 Apr 2024 11:59

Instrument :

BNA_M

ClientSampleId :

SLCS063

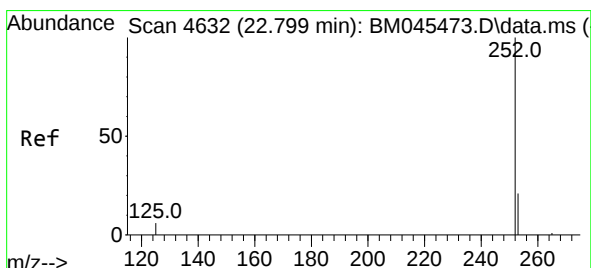
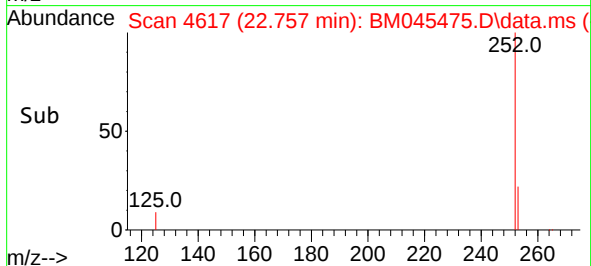
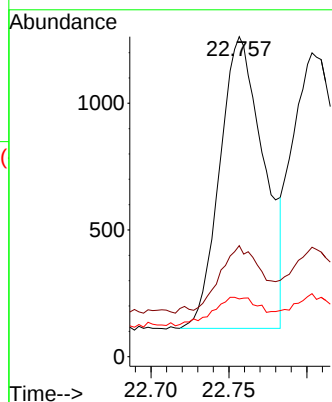
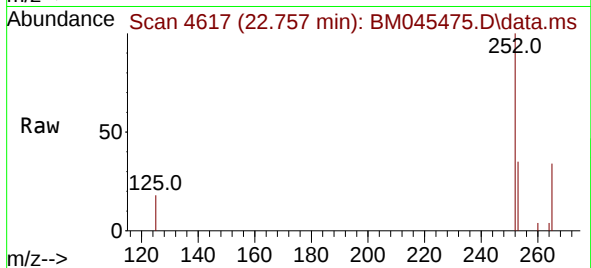
Tgt Ion:252 Resp: 2264

Ion Ratio Lower Upper

252 100

253 34.7 0.0 63.4

125 18.1 0.0 36.8



#25

Benzo(k)fluoranthene

Concen: 0.562 ng/ul

RT: 22.803 min Scan# 4633

Delta R.T. 0.004 min

Lab File: BM045475.D

Acq: 22 Apr 2024 11:59

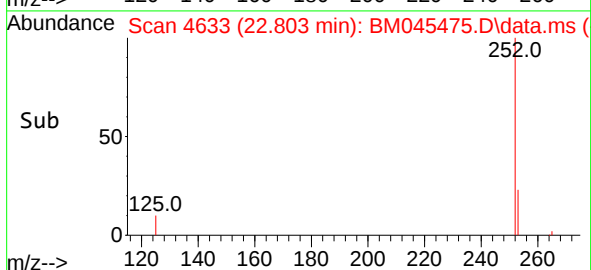
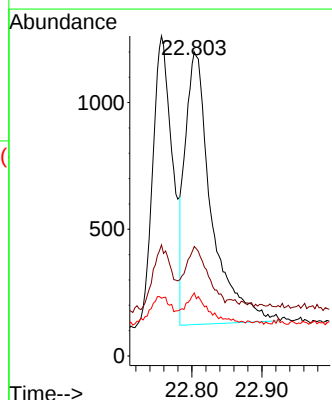
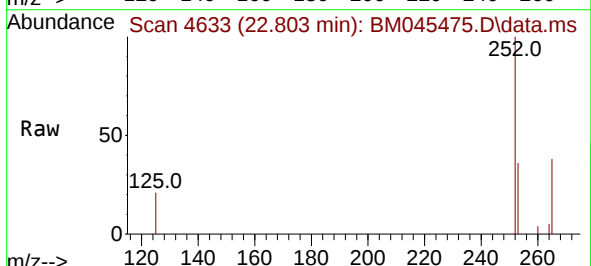
Tgt Ion:252 Resp: 2795

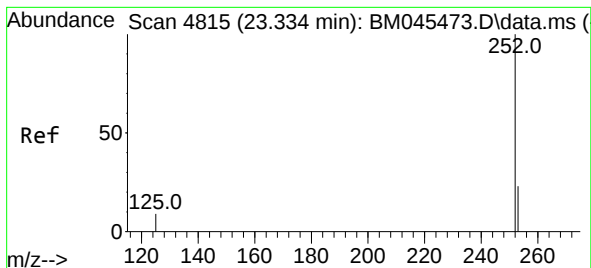
Ion Ratio Lower Upper

252 100

253 36.0 25.4 38.0

125 20.8 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.560 ng/ul

RT: 23.330 min Scan# 4815

Delta R.T. -0.005 min

Lab File: BM045475.D

Acq: 22 Apr 2024 11:59

Instrument :

BNA_M

ClientSampleId :

SLCS063

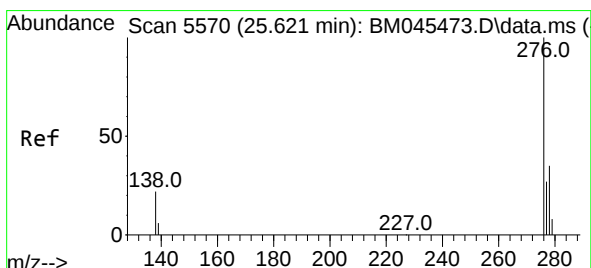
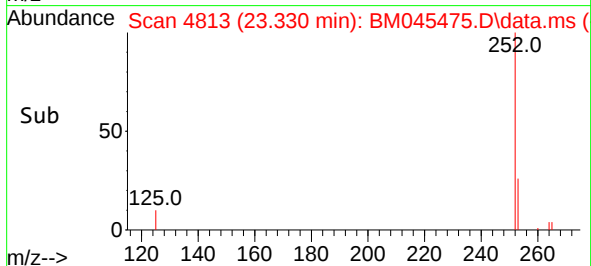
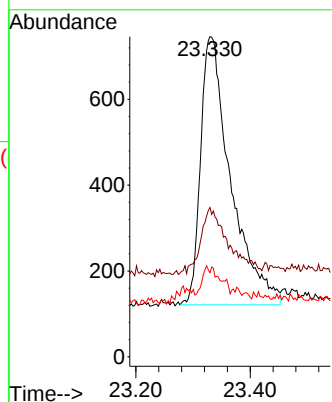
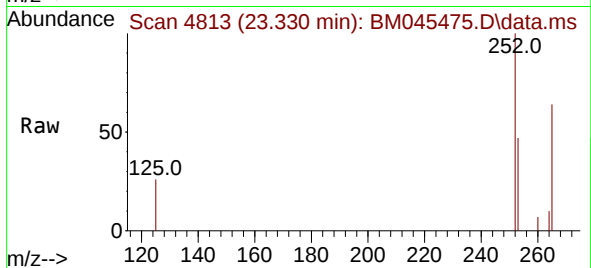
Tgt Ion:252 Resp: 2288

Ion Ratio Lower Upper

252 100

253 46.6 31.6 47.4

125 26.3 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.565 ng/ul

RT: 25.625 min Scan# 5571

Delta R.T. 0.004 min

Lab File: BM045475.D

Acq: 22 Apr 2024 11:59

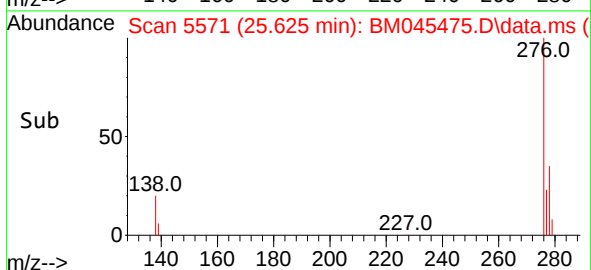
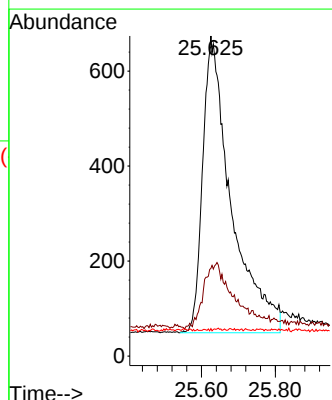
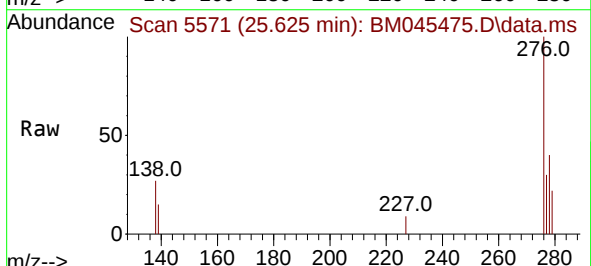
Tgt Ion:276 Resp: 3355

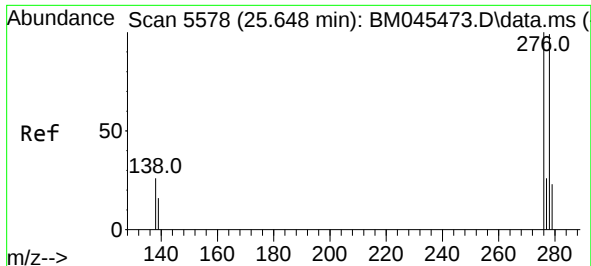
Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.6#

227 0.0 0.2 0.2#

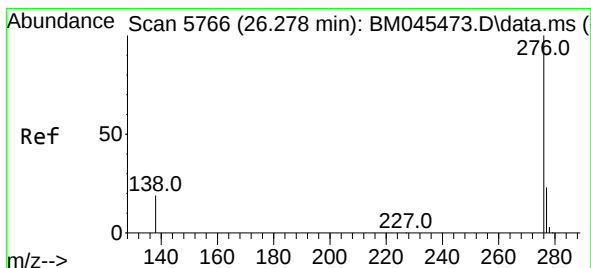
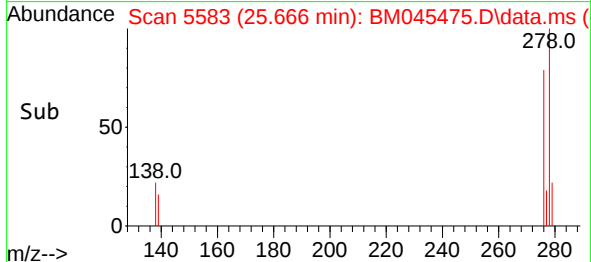
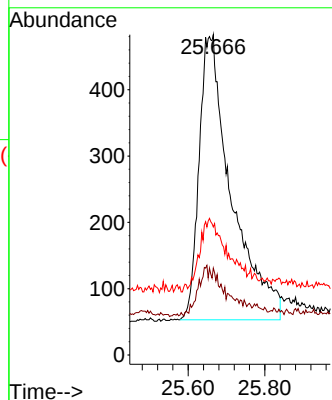
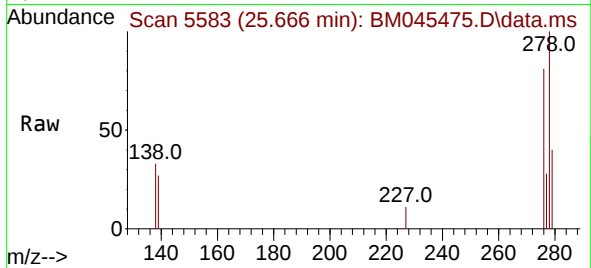




#28
Dibenzo(a,h)anthracene
Concen: 0.535 ng/ul
RT: 25.666 min Scan# 51
Delta R.T. 0.018 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

Instrument :
BNA_M
ClientSampleId :
SLCS063

Tgt Ion:278 Resp: 2518
Ion Ratio Lower Upper
278 100
139 27.1 19.0 28.6
279 40.0 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.577 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. 0.001 min
Lab File: BM045475.D
Acq: 22 Apr 2024 11:59

Tgt Ion:276 Resp: 3079
Ion Ratio Lower Upper
276 100
138 29.7 20.8 31.2
277 29.1 21.8 32.8

