

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072723\
 Data File : BM041149.D
 Acq On : 27 Jul 2023 11:23
 Operator : MA/JU
 Sample : PB154143BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS143

Quant Time: Jul 28 03:29:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

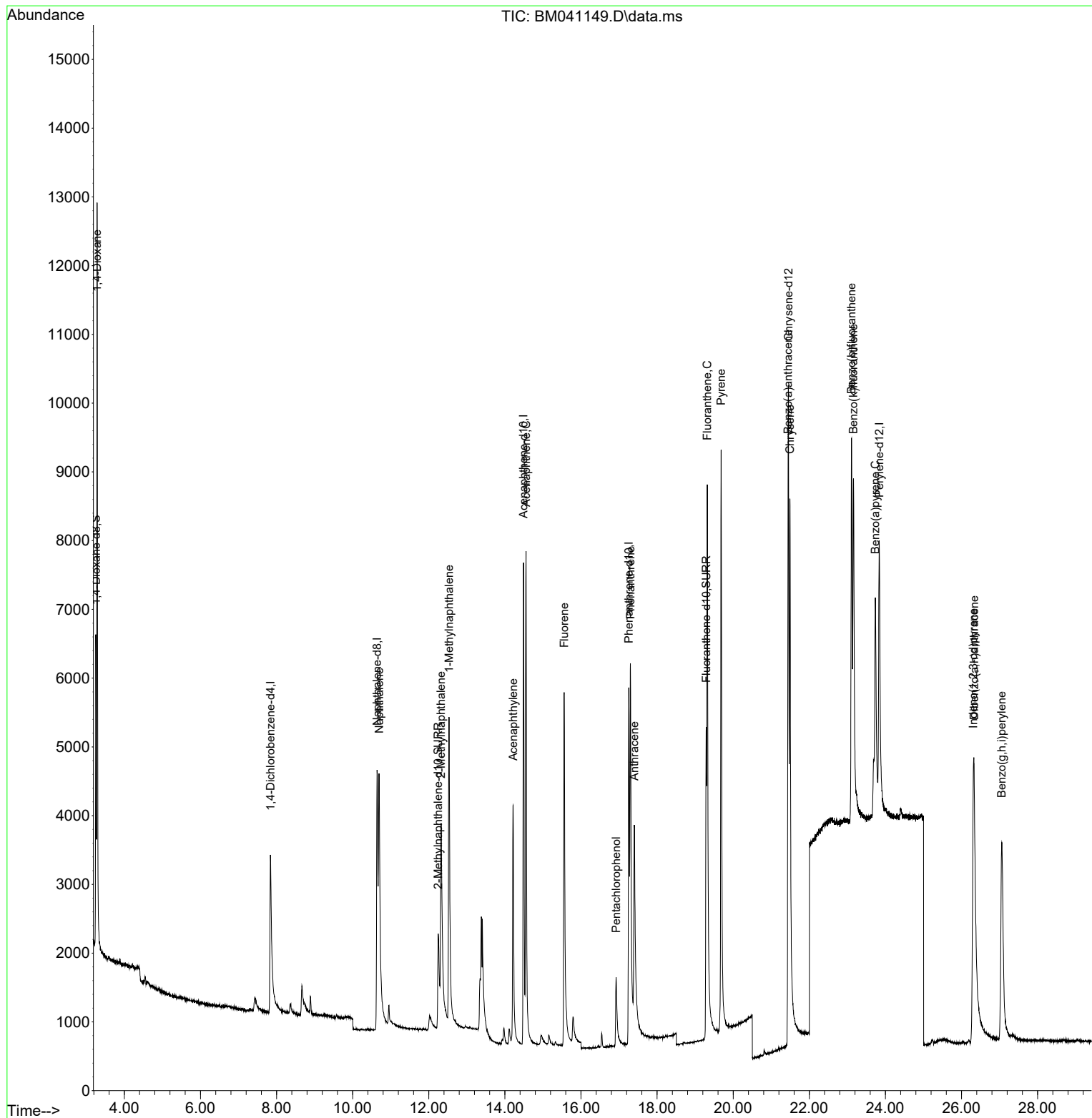
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	2619	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	9252	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	4621	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	8456	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	7685	0.400	ng/ul	0.00
23) Perylene-d12	23.839	264	6899	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	2731	0.676	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	3883	0.294	ng/ul	0.01
18) Fluoranthene-d10	19.292	212	7242	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.284	88	6932	1.679	ng/ul#	44
5) Naphthalene	10.697	128	7724	0.257	ng/ul	98
7) 2-Methylnaphthalene	12.324	142	4273	0.290	ng/ul	100
8) 1-Methylnaphthalene	12.533	142	4523	0.299	ng/ul	99
10) Acenaphthylene	14.217	152	5639	0.289	ng/ul	98
11) Acenaphthene	14.555	153	4922	0.299	ng/ul	98
12) Fluorene	15.559	166	5222	0.290	ng/ul	99
14) Pentachlorophenol	16.923	266	1173	0.477	ng/ul	98
15) Phenanthrene	17.299	178	7805	0.299	ng/ul	98
16) Anthracene	17.400	178	5957	0.282	ng/ul	96
19) Fluoranthene	19.320	202	9005	0.327	ng/ul	99
20) Pyrene	19.682	202	9948	0.328	ng/ul	99
21) Benzo(a)anthracene	21.442	228	6952	0.271	ng/ul	100
22) Chrysene	21.489	228	8818	0.297	ng/ul	99
24) Benzo(b)fluoranthene	23.108	252	8506	0.309	ng/ul	95
25) Benzo(k)fluoranthene	23.161	252	8274	0.315	ng/ul#	93
26) Benzo(a)pyrene	23.734	252	6942	0.312	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.310	276	9372	0.284	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.330	278	7142	0.276	ng/ul#	88
29) Benzo(g,h,i)perylene	27.058	276	8944	0.304	ng/ul	98

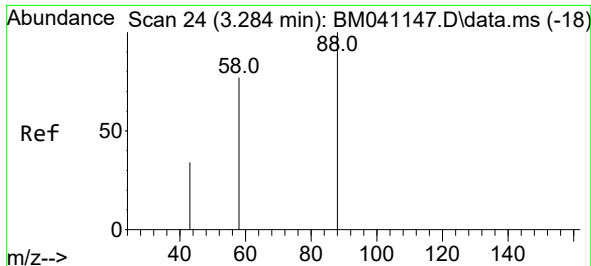
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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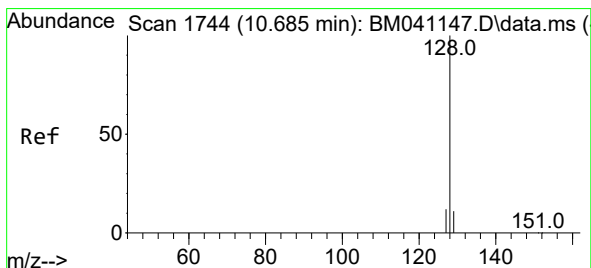
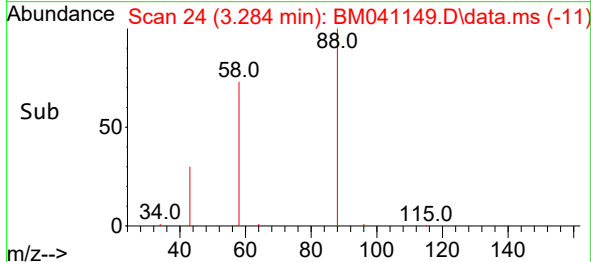
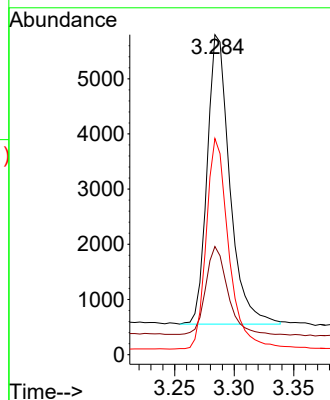
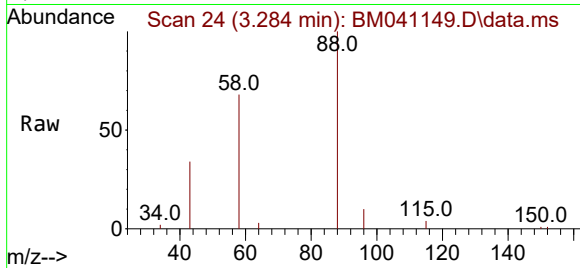




#2
1,4-Dioxane
Concen: 1.679 ng/ul
RT: 3.284 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

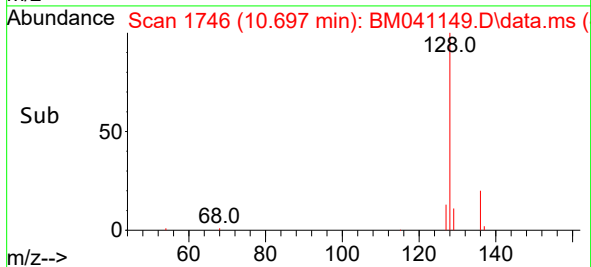
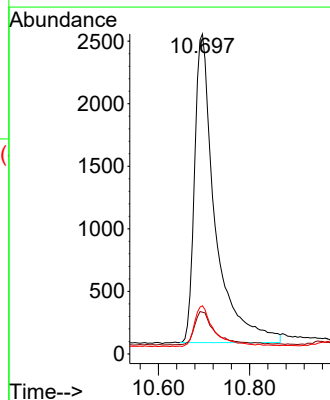
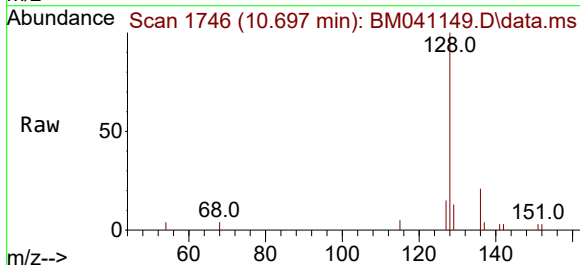
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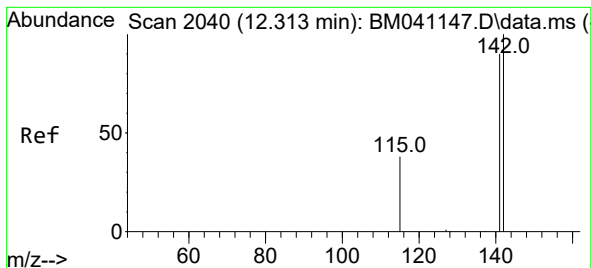
Tgt Ion: 88 Resp: 6932
Ion Ratio Lower Upper
88 100
43 33.8 83.1 124.7#
58 67.5 38.8 58.2#



#5
Naphthalene
Concen: 0.257 ng/ul
RT: 10.697 min Scan# 1746
Delta R.T. 0.005 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

Tgt Ion: 128 Resp: 7724
Ion Ratio Lower Upper
128 100
129 13.0 9.8 14.8
127 15.1 11.1 16.7

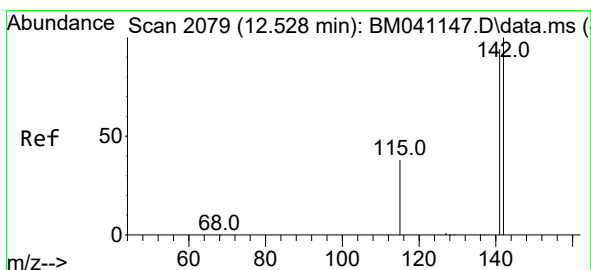
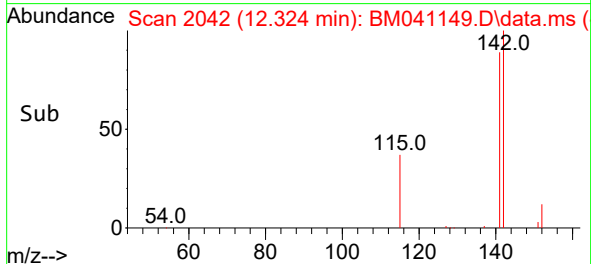
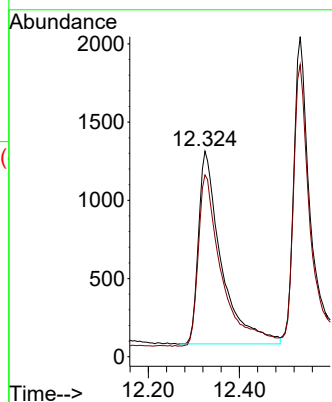
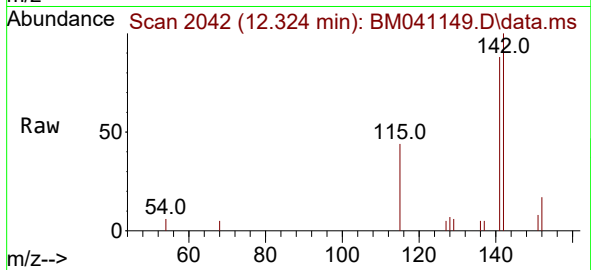




#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. 0.011 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

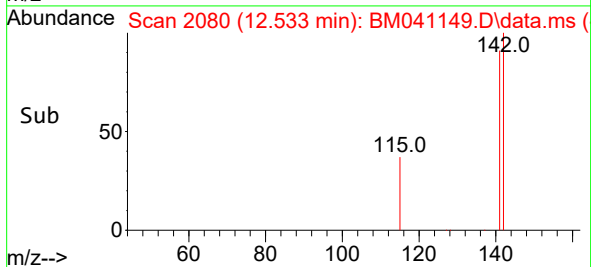
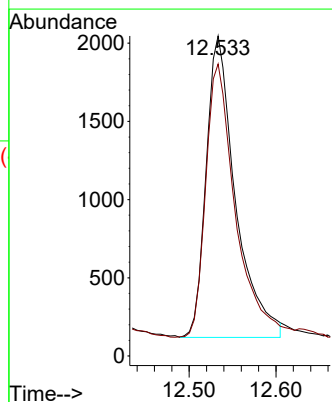
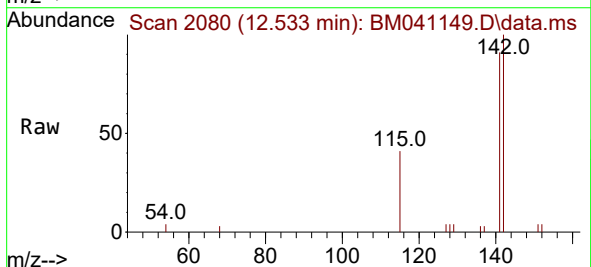
Instrument :
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ClientSampleId :
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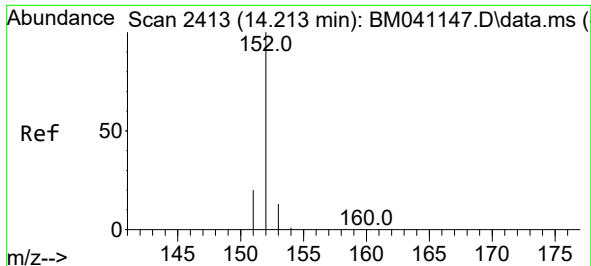
Tgt Ion:142 Resp: 4273
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.533 min Scan# 2080
Delta R.T. 0.005 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

Tgt Ion:142 Resp: 4523
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4

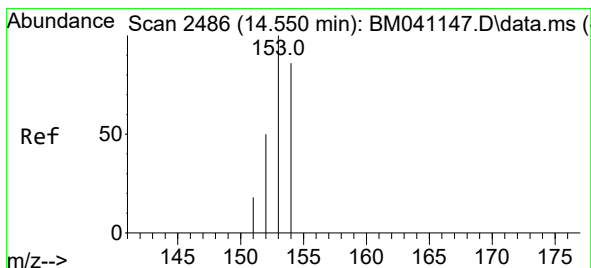
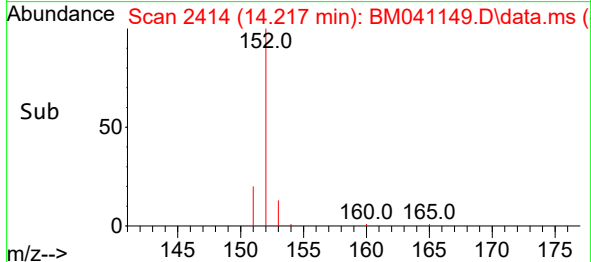
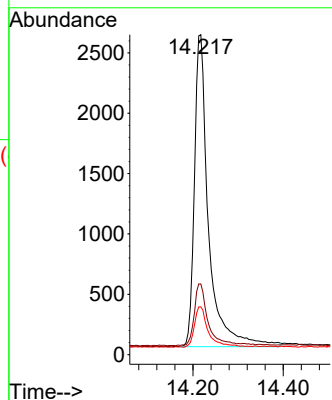
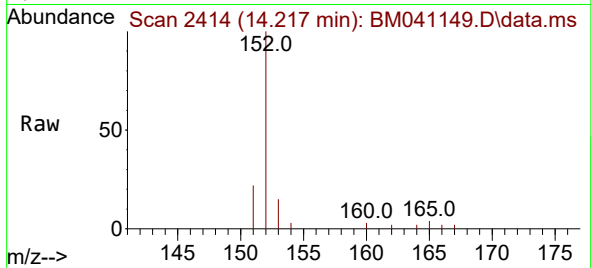




#10
Acenaphthylene
Concen: 0.289 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. 0.005 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

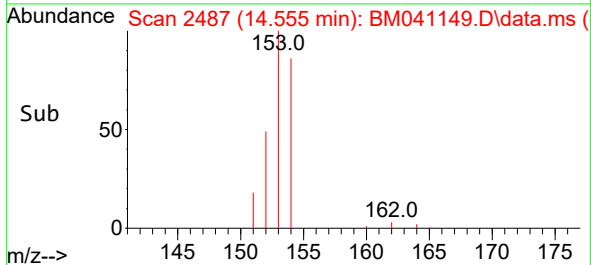
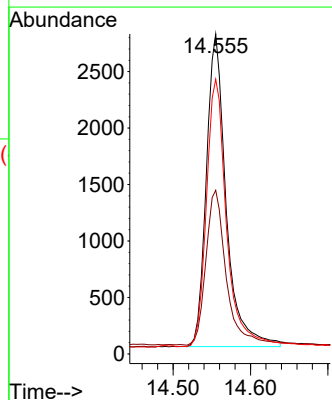
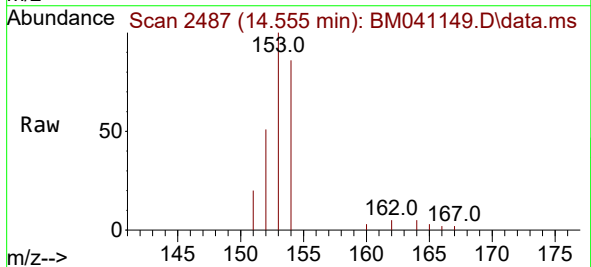
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ClientSampleId :
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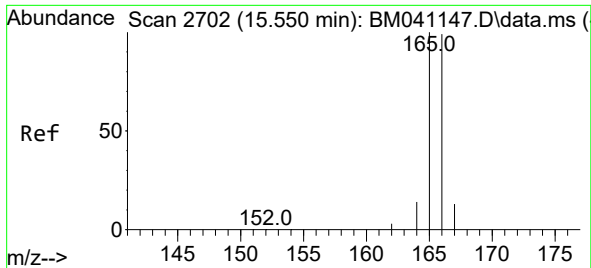
Tgt Ion:152 Resp: 5639
Ion Ratio Lower Upper
152 100
151 22.1 16.8 25.2
153 14.9 11.4 17.2



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

Tgt Ion:153 Resp: 4922
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 85.8 70.3 105.5

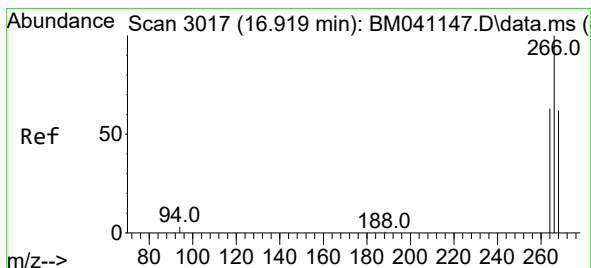
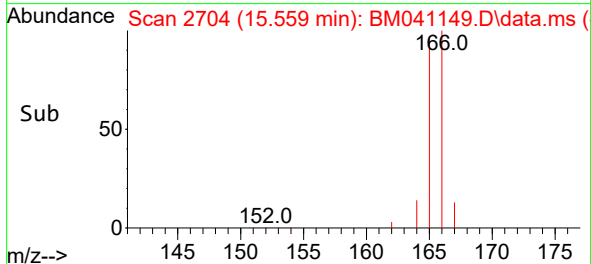
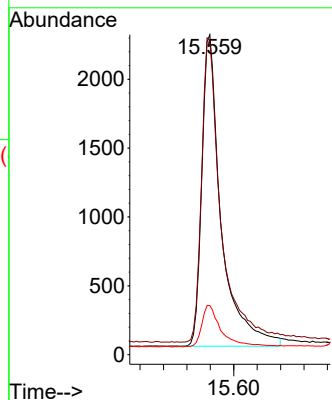
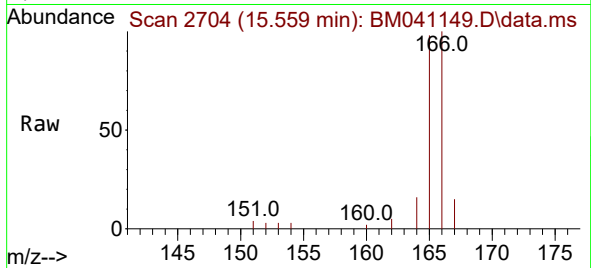




#12
Fluorene
Concen: 0.290 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

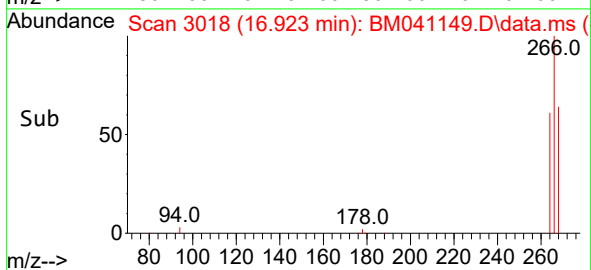
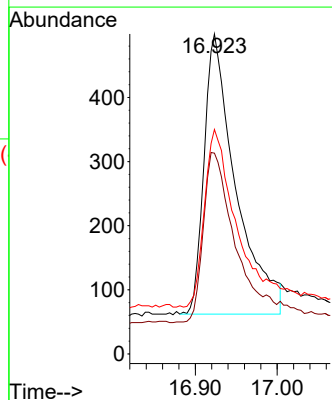
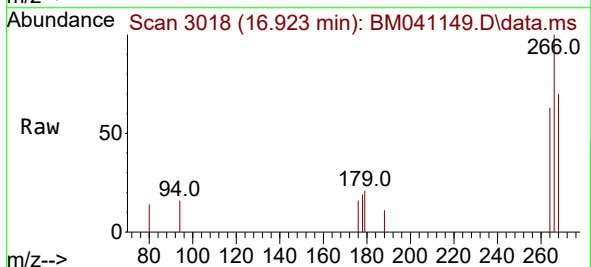
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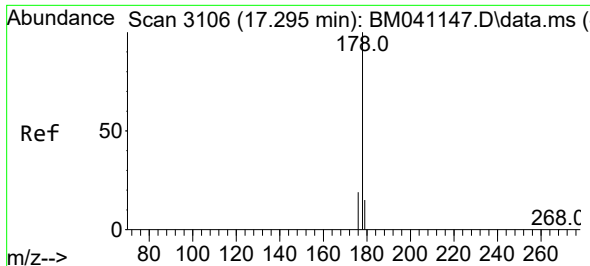
Tgt Ion:166 Resp: 5222
Ion Ratio Lower Upper
166 100
165 98.3 79.4 119.0
167 15.3 11.4 17.2



#14
Pentachlorophenol
Concen: 0.477 ng/ul
RT: 16.923 min Scan# 3018
Delta R.T. 0.008 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

Tgt Ion:266 Resp: 1173
Ion Ratio Lower Upper
266 100
264 62.1 49.2 73.8
268 64.5 49.9 74.9

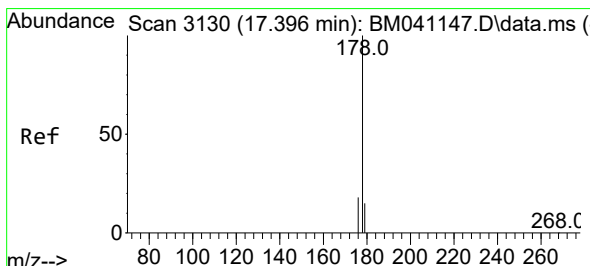
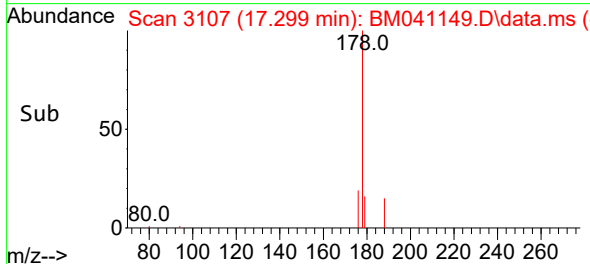
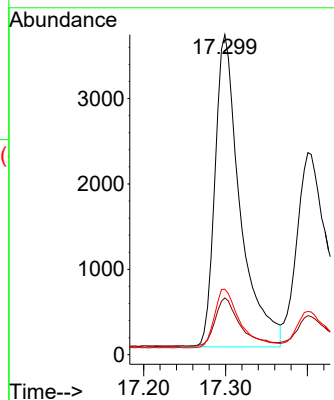
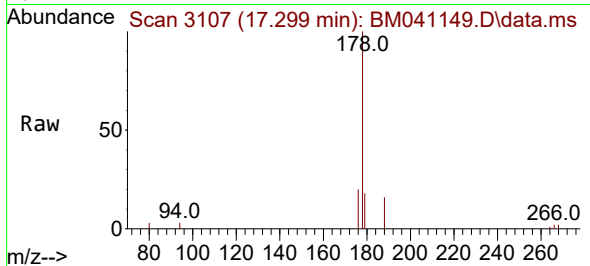




#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 17.299 min Scan# 3106
Delta R.T. 0.004 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

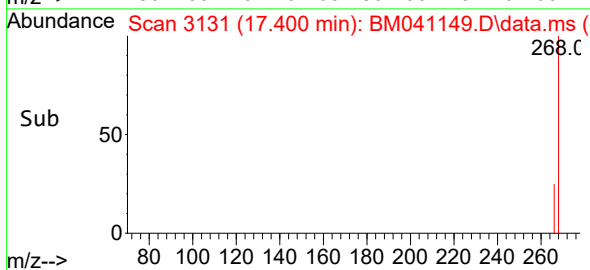
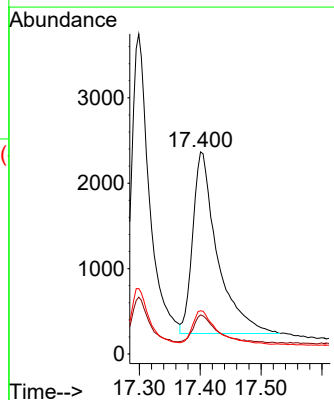
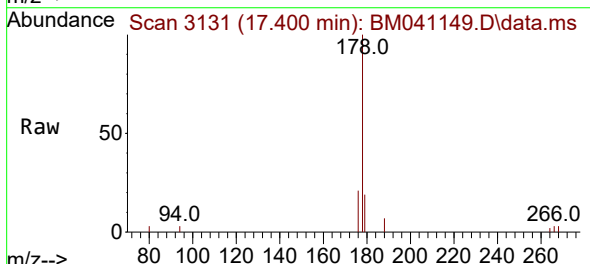
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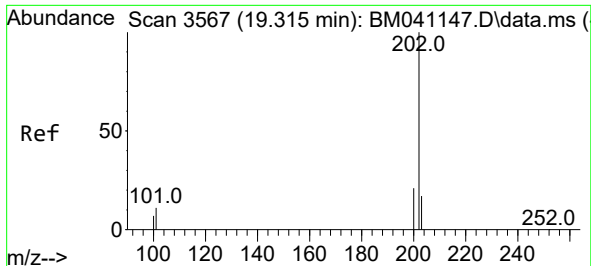
Tgt Ion:	178	Resp:	7805
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.4	20.2
176	20.4	16.0	24.0



#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. 0.008 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

Tgt Ion:	178	Resp:	5957
Ion Ratio	Lower	Upper	
178	100		
179	19.3	13.6	20.4
176	21.4	16.0	24.0

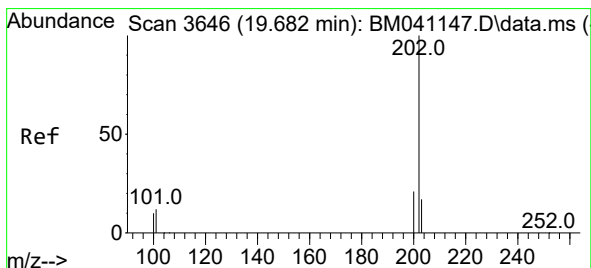
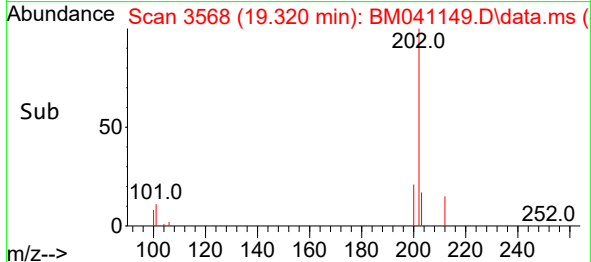
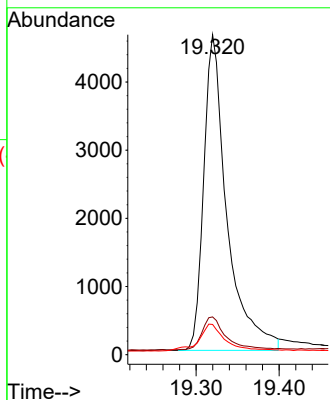
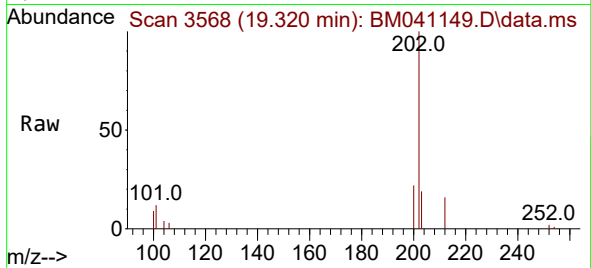




#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.320 min Scan# 3567
Delta R.T. 0.005 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

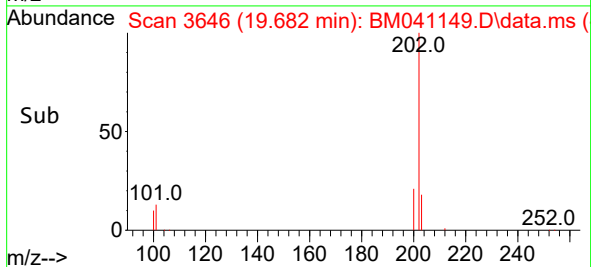
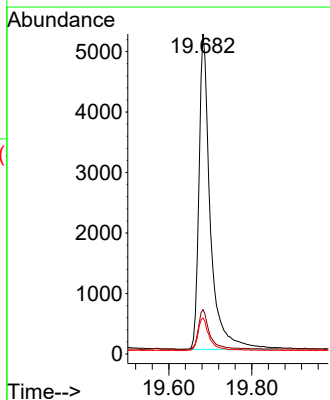
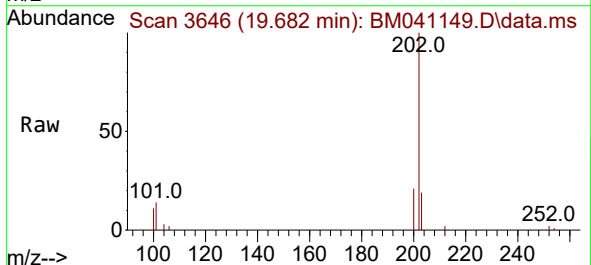
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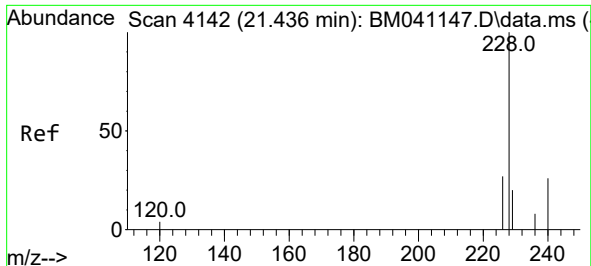
Tgt Ion:202 Resp: 9005
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.0
100 9.4 7.1 10.7



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.000 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

Tgt Ion:202 Resp: 9948
Ion Ratio Lower Upper
202 100
101 13.8 10.7 16.1
100 11.2 8.5 12.7

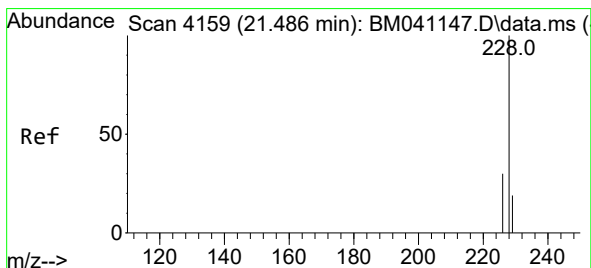
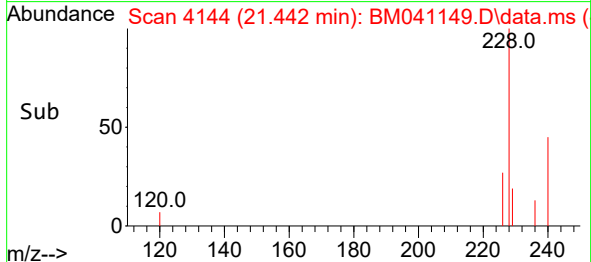
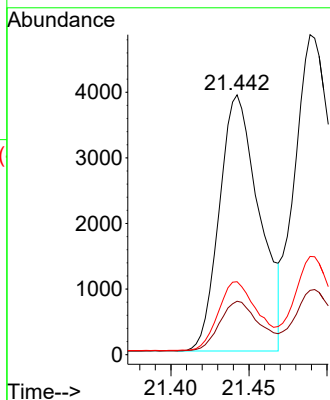
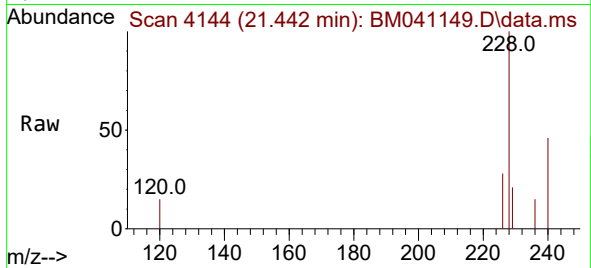




#21
Benzo(a)anthracene
Concen: 0.271 ng/ul
RT: 21.442 min Scan# 4142
Delta R.T. 0.009 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

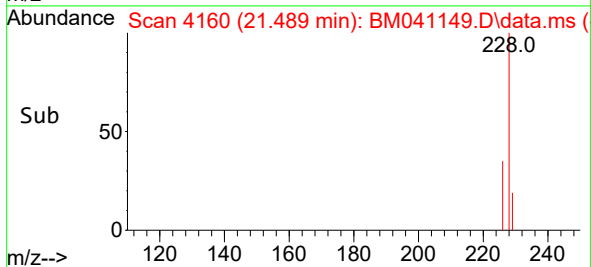
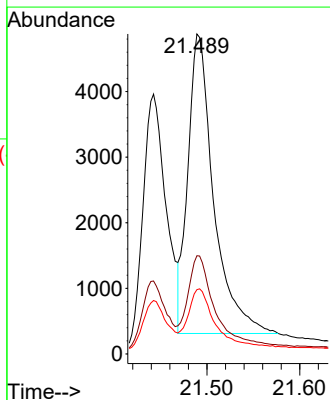
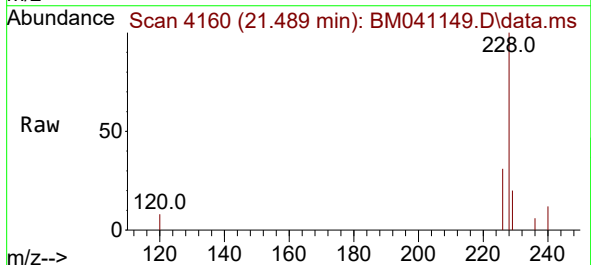
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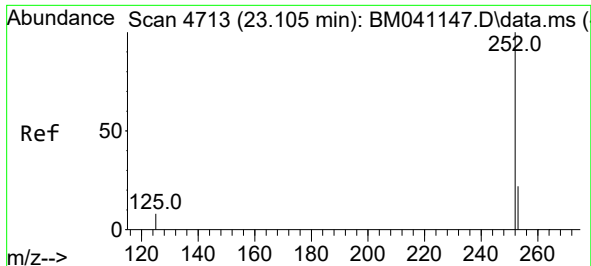
Tgt Ion:228 Resp: 6952
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 28.1 22.2 33.2



#22
Chrysene
Concen: 0.297 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

Tgt Ion:228 Resp: 8818
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 20.1 15.9 23.9

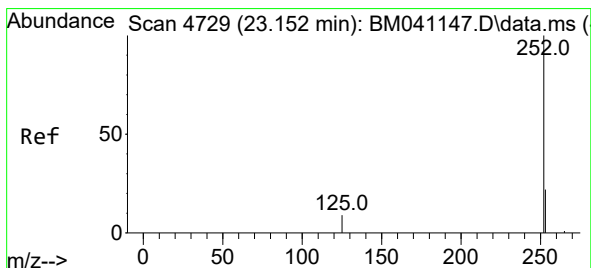
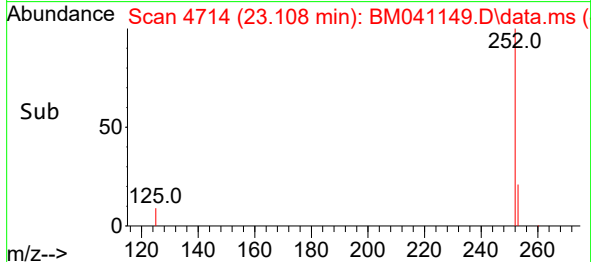
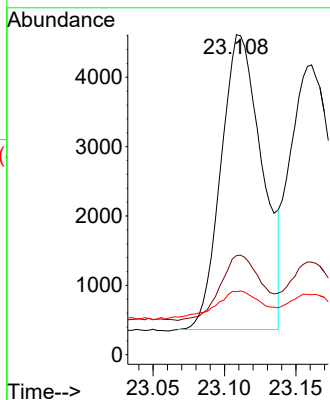
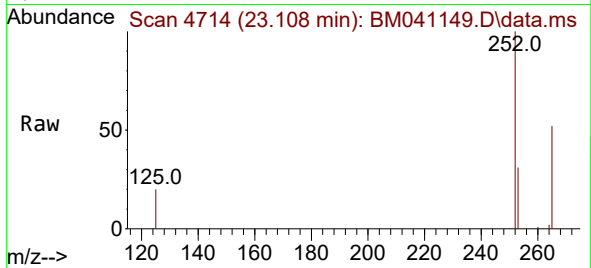




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.108 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

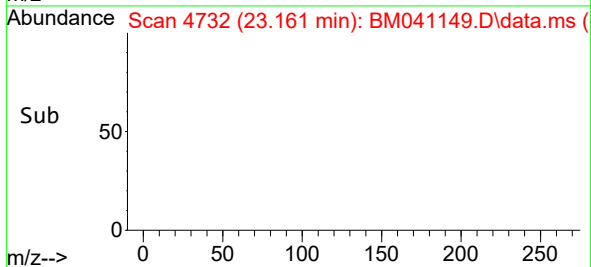
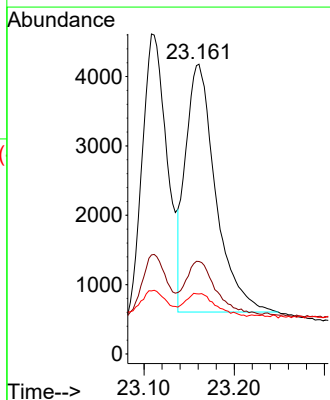
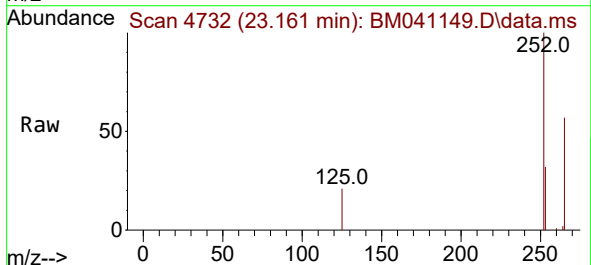
Instrument :
BNA_M
ClientSampleId :
SLCS143

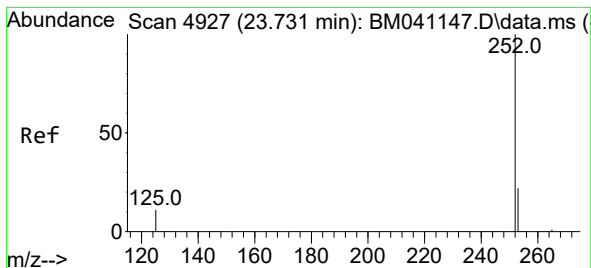
Tgt Ion:252 Resp: 8506
Ion Ratio Lower Upper
252 100
253 30.9 0.0 57.6
125 19.7 0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.161 min Scan# 4732
Delta R.T. 0.006 min
Lab File: BM041149.D
Acq: 27 Jul 2023 11:23

Tgt Ion:252 Resp: 8274
Ion Ratio Lower Upper
252 100
253 31.9 22.8 34.2
125 20.7 13.5 20.3#





#26

Benzo(a)pyrene

Concen: 0.312 ng/ul

RT: 23.734 min Scan# 4927

Delta R.T. 0.006 min

Lab File: BM041149.D

Acq: 27 Jul 2023 11:23

Instrument :

BNA_M

ClientSampleId :

SLCS143

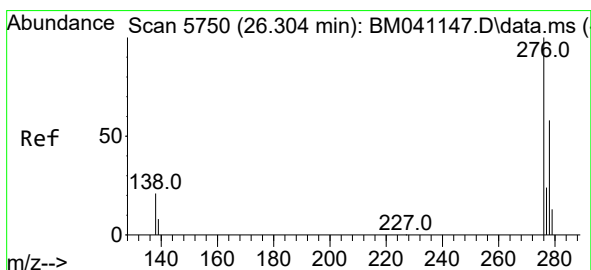
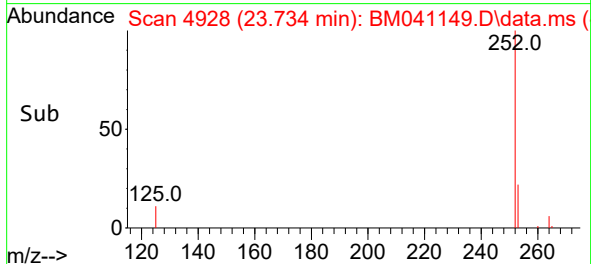
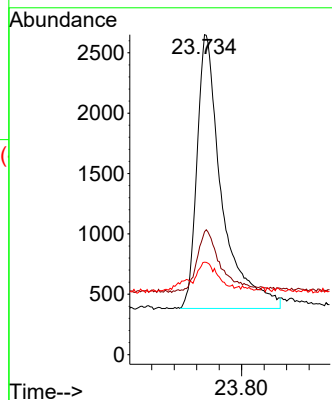
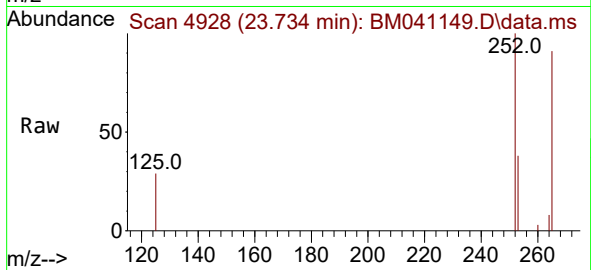
Tgt Ion:252 Resp: 6942

Ion Ratio Lower Upper

252 100

253 38.4 26.7 40.1

125 28.9 18.1 27.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.284 ng/ul

RT: 26.310 min Scan# 5752

Delta R.T. 0.013 min

Lab File: BM041149.D

Acq: 27 Jul 2023 11:23

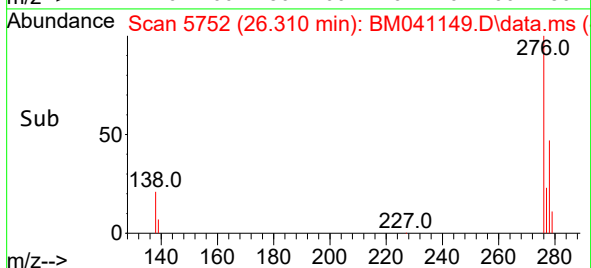
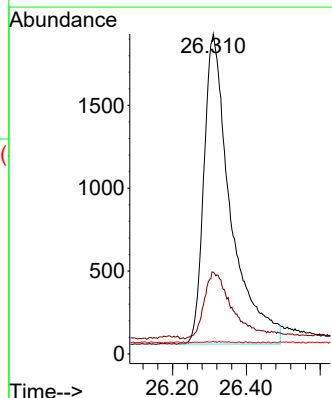
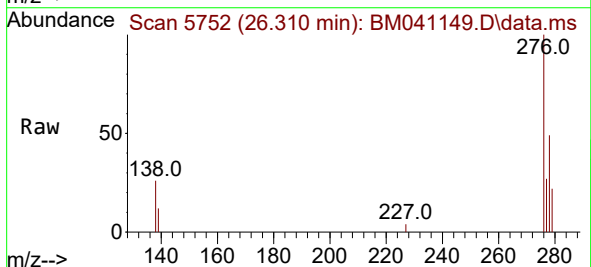
Tgt Ion:276 Resp: 9372

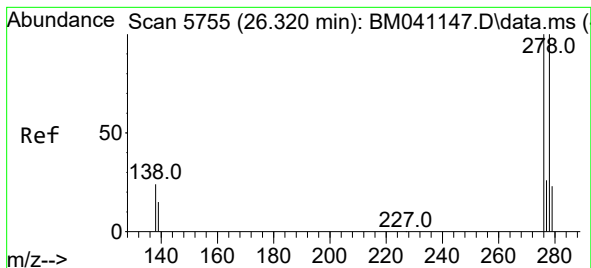
Ion Ratio Lower Upper

276 100

138 23.5 18.1 27.1

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.276 ng/ul

RT: 26.330 min Scan# 5

Delta R.T. 0.013 min

Lab File: BM041149.D

Acq: 27 Jul 2023 11:23

Instrument :

BNA_M

ClientSampleId :

SLCS143

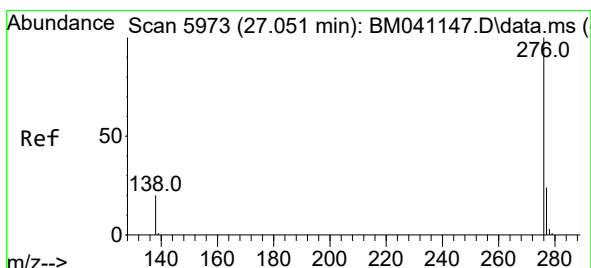
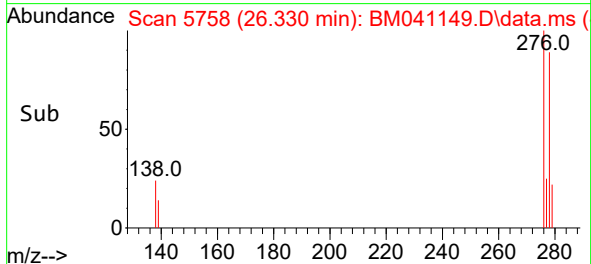
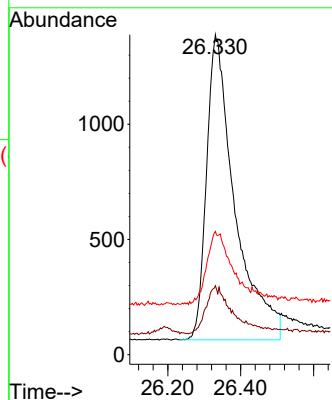
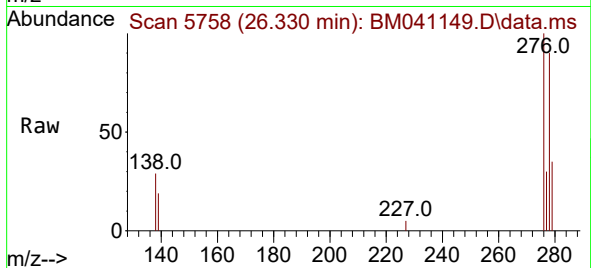
Tgt Ion:278 Resp: 7142

Ion Ratio Lower Upper

278 100

139 21.5 14.1 21.1#

279 38.5 25.0 37.4#



#29

Benzo(g,h,i)perylene

Concen: 0.304 ng/ul

RT: 27.058 min Scan# 5975

Delta R.T. 0.007 min

Lab File: BM041149.D

Acq: 27 Jul 2023 11:23

Tgt Ion:276 Resp: 8944

Ion Ratio Lower Upper

276 100

138 23.5 18.2 27.2

277 27.0 20.6 30.8

