

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045522.D
 Acq On : 23 Apr 2024 20:17
 Operator : MA/JU
 Sample : PB160429BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS429

Quant Time: Apr 24 05:20:15 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

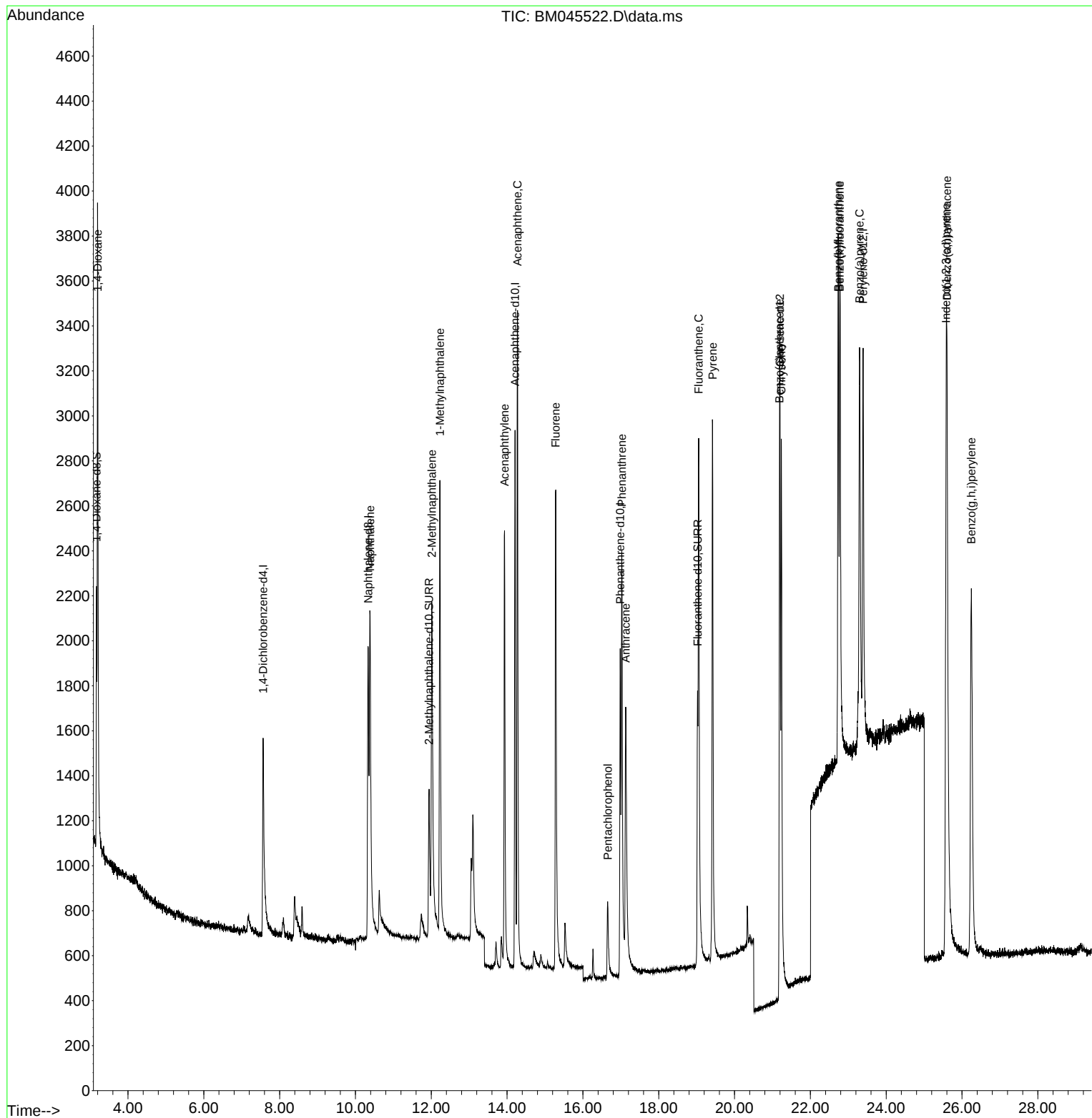
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	892	0.400	ng/ul	0.00
4) Naphthalene-d8	10.336	136	2978	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.210	164	1559	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.984	188	2541	0.400	ng/ul	0.00
17) Chrysene-d12	21.199	240	1819	0.400	ng/ul	0.00
23) Perylene-d12	23.391	264	2538	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	795	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	1483	0.378	ng/ul	0.01
18) Fluoranthene-d10	19.024	212	1981	0.346	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	2034	1.768	ng/ul#	85
5) Naphthalene	10.386	128	2979	0.373	ng/ul	95
7) 2-Methylnaphthalene	12.013	142	1796	0.393	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	1789	0.349	ng/ul	99
10) Acenaphthylene	13.932	152	2855	0.371	ng/ul	99
11) Acenaphthene	14.274	153	2051	0.359	ng/ul	98
12) Fluorene	15.278	166	2066	0.338	ng/ul	97
14) Pentachlorophenol	16.655	266	429	0.847	ng/ul	90
15) Phenanthrene	17.026	178	2667	0.360	ng/ul	99
16) Anthracene	17.128	178	2635	0.381	ng/ul	99
19) Fluoranthene	19.052	202	2816	0.335	ng/ul	98
20) Pyrene	19.419	202	2953	0.342	ng/ul	98
21) Benzo(a)anthracene	21.184	228	2418	0.416	ng/ul	99
22) Chrysene	21.234	228	3146	0.352	ng/ul	100
24) Benzo(b)fluoranthene	22.733	252	3208	0.376	ng/ul	95
25) Benzo(k)fluoranthene	22.777	252	3893	0.361	ng/ul	97
26) Benzo(a)pyrene	23.297	252	3408	0.385	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.582	276	4889	0.380	ng/ul	93
28) Dibenzo(a,h)anthracene	25.602	278	3826	0.375	ng/ul	98
29) Benzo(g,h,i)perylene	26.246	276	4252	0.368	ng/ul	98

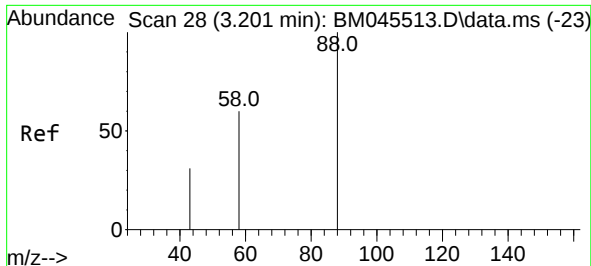
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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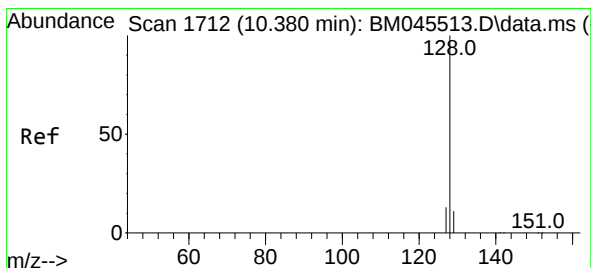
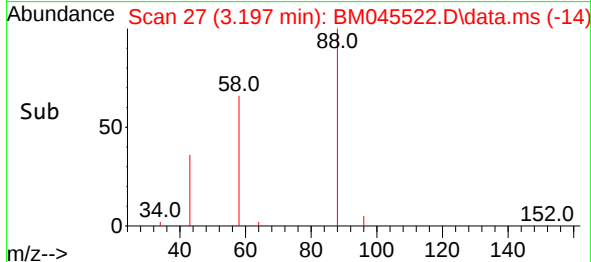
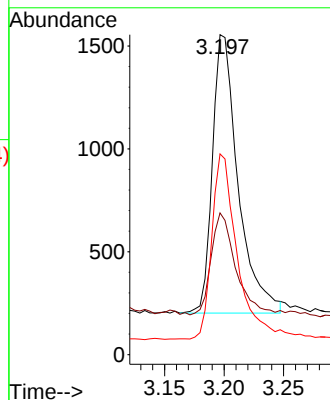
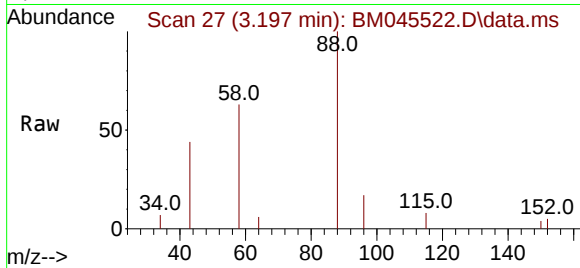




#2
1,4-Dioxane
Concen: 1.768 ng/ul
RT: 3.197 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

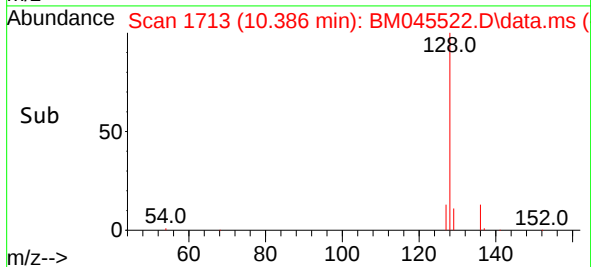
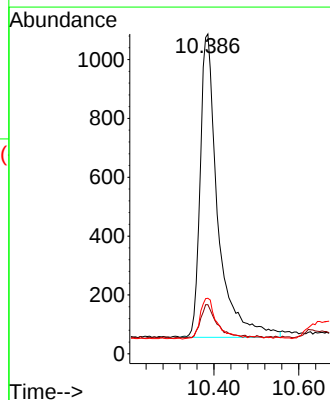
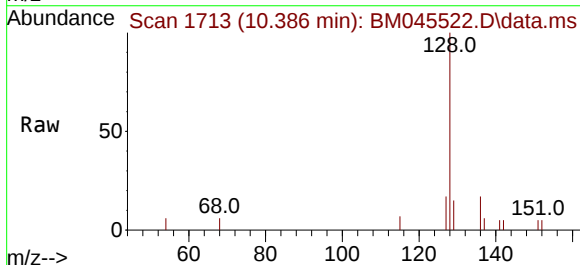
Instrument :
BNA_M
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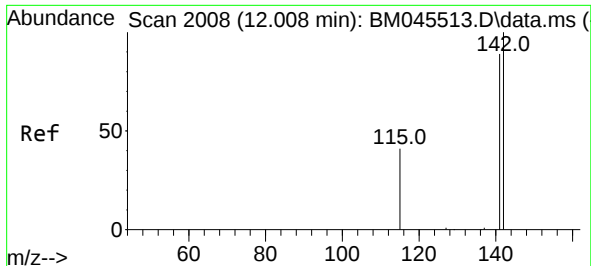
Tgt Ion: 88 Resp: 2034
Ion Ratio Lower Upper
88 100
43 44.3 36.8 55.2
58 62.8 35.4 53.2#



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.386 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Tgt Ion: 128 Resp: 2979
Ion Ratio Lower Upper
128 100
129 15.4 14.0 21.0
127 17.4 15.4 23.2

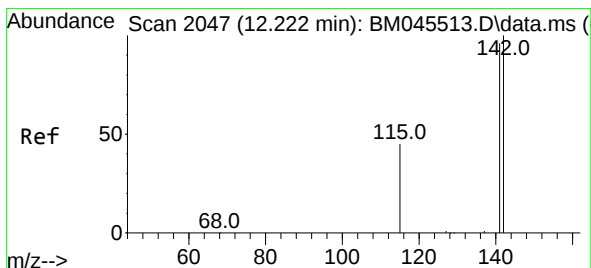
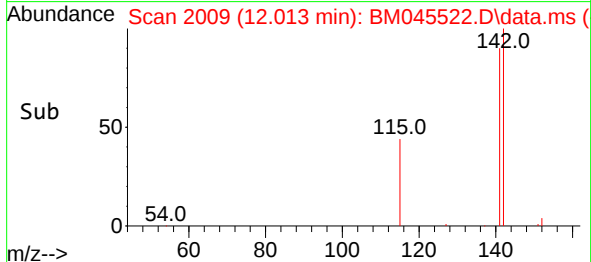
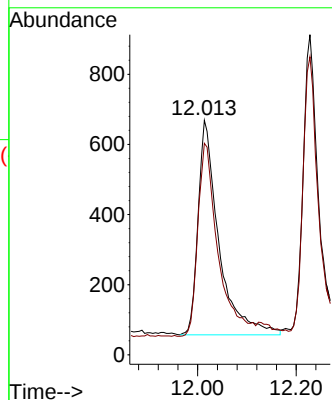
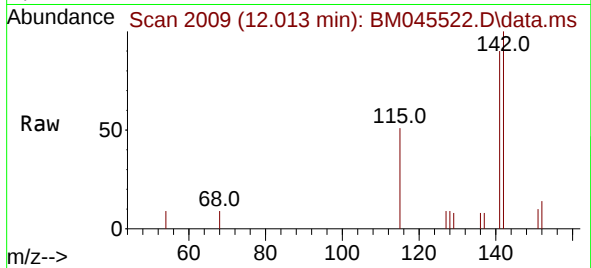




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.013 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

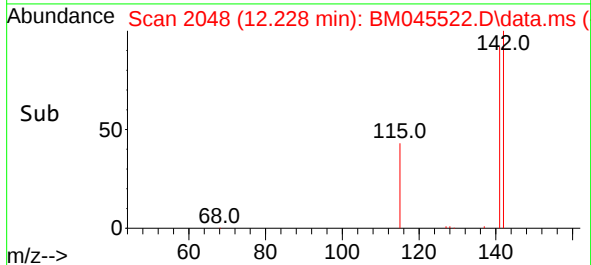
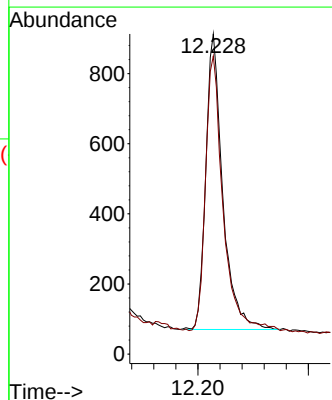
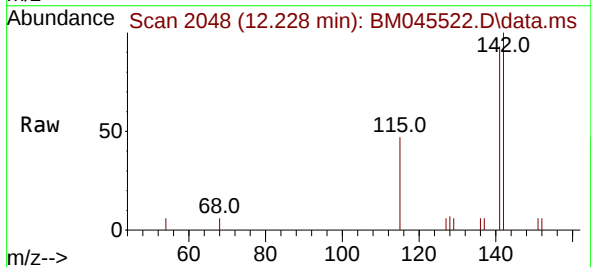
Instrument :
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ClientSampleId :
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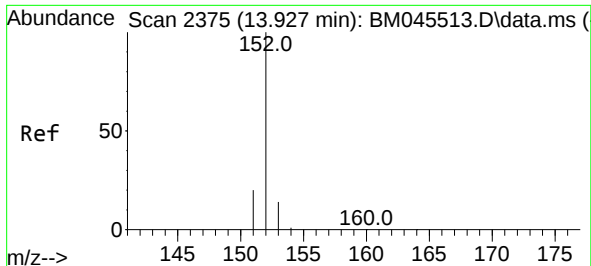
Tgt Ion:142 Resp: 1796
Ion Ratio Lower Upper
142 100
141 93.3 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Tgt Ion:142 Resp: 1789
Ion Ratio Lower Upper
142 100
141 96.1 76.1 114.1

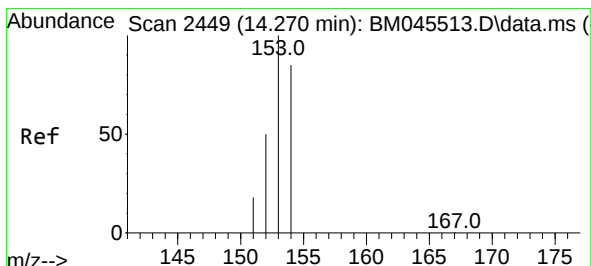
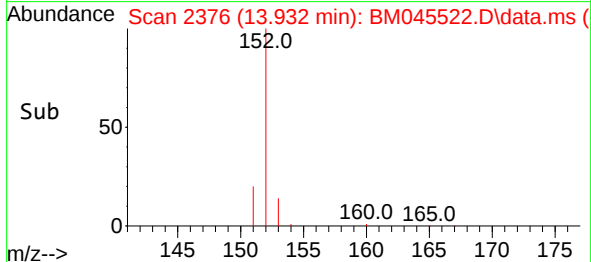
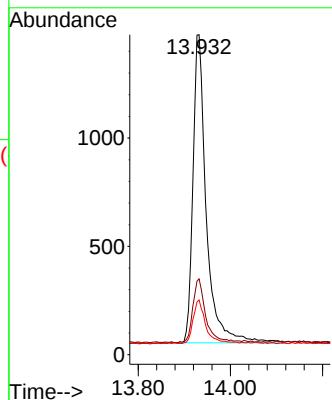
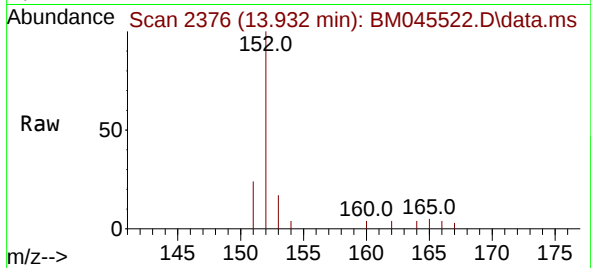




#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 13.932 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

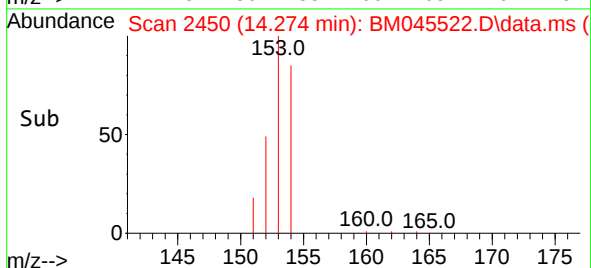
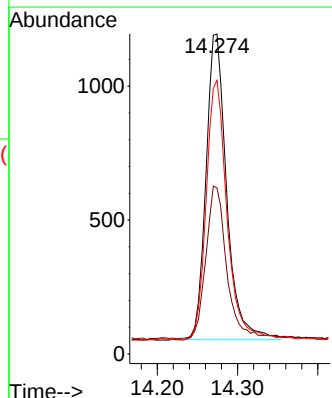
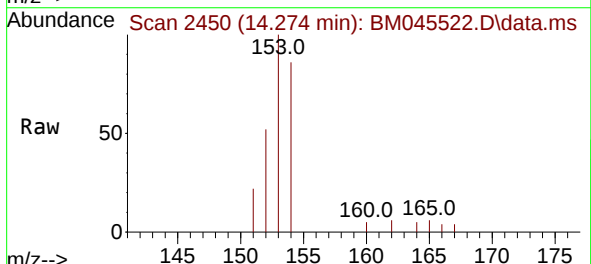
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ClientSampleId :
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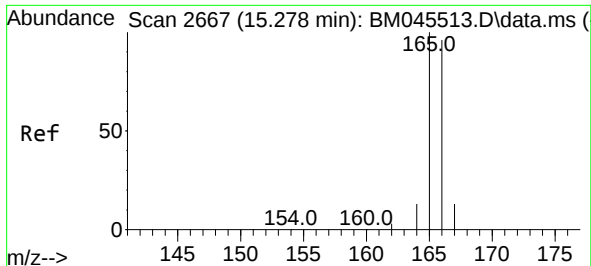
Tgt Ion:152 Resp: 2855
Ion Ratio Lower Upper
152 100
151 23.7 18.6 28.0
153 17.1 14.1 21.1



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Tgt Ion:153 Resp: 2051
Ion Ratio Lower Upper
153 100
152 51.9 43.4 65.2
154 85.5 69.0 103.6

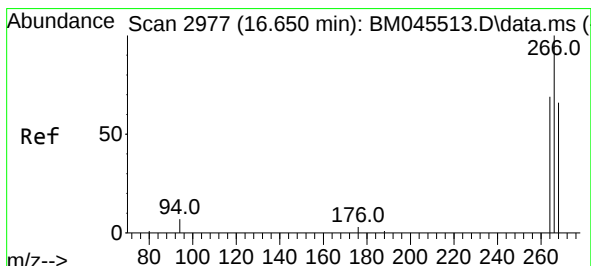
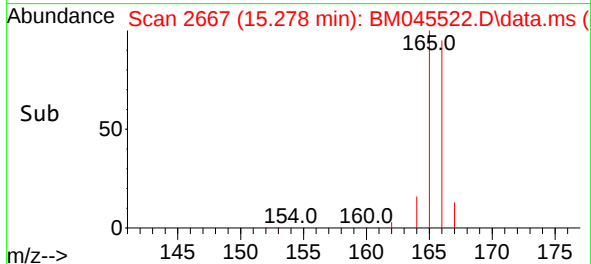
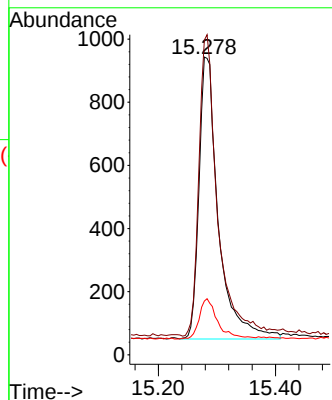
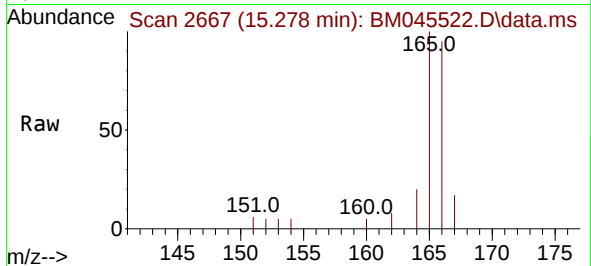




#12
 Fluorene
 Concen: 0.338 ng/ul
 RT: 15.278 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: BM045522.D
 Acq: 23 Apr 2024 20:17

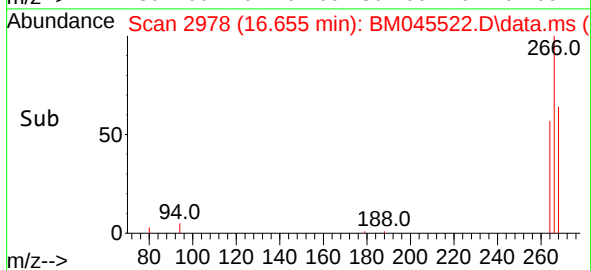
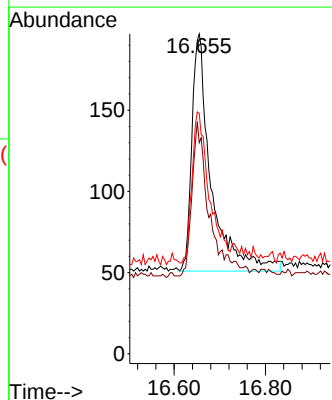
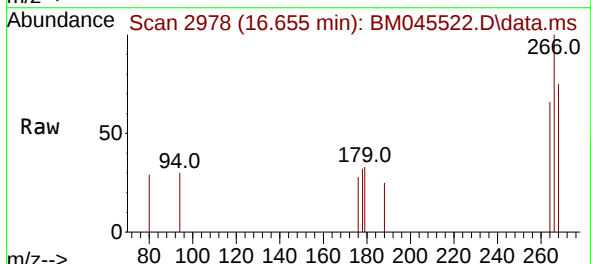
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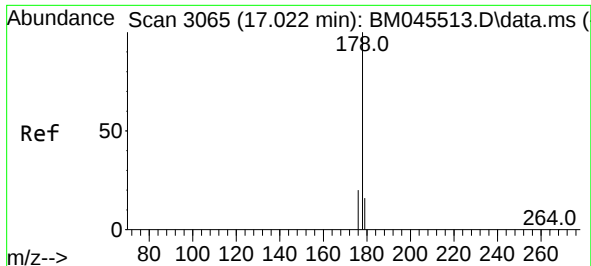
Tgt Ion:166	Resp:	2066
Ion	Ratio	Lower Upper
166	100	
165	105.7	82.2 123.2
167	18.0	14.8 22.2



#14
 Pentachlorophenol
 Concen: 0.847 ng/ul
 RT: 16.655 min Scan# 2978
 Delta R.T. 0.004 min
 Lab File: BM045522.D
 Acq: 23 Apr 2024 20:17

Tgt Ion:266	Resp:	429
Ion	Ratio	Lower Upper
266	100	
264	58.0	45.5 68.3
268	56.9	56.1 84.1

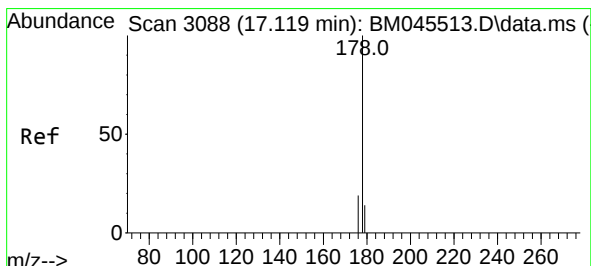
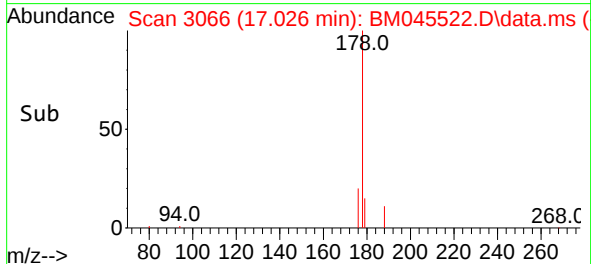
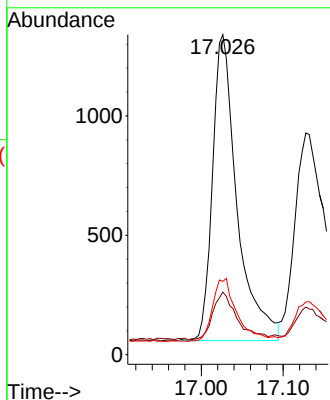
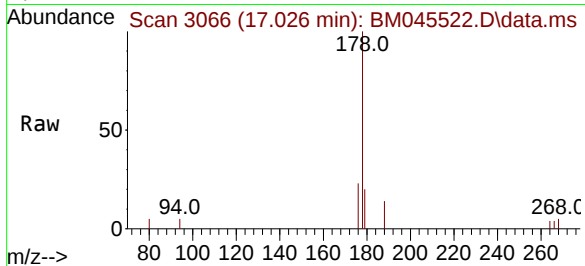




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.026 min Scan# 3065
Delta R.T. 0.004 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

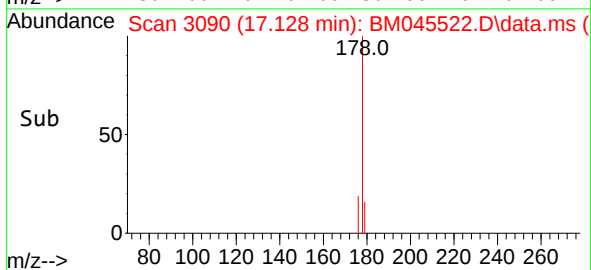
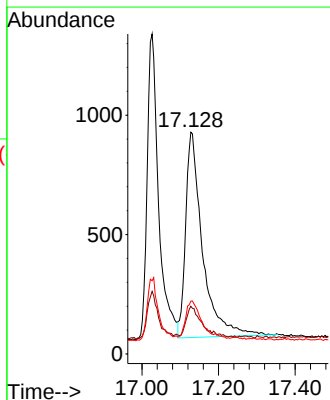
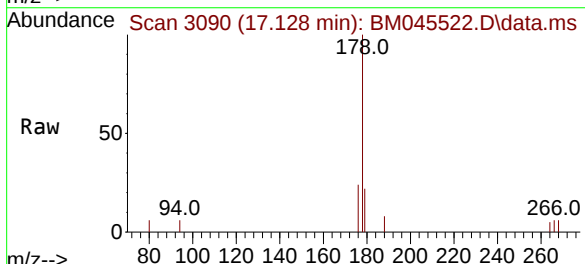
Instrument :
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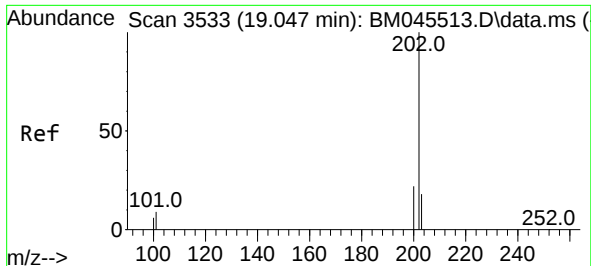
Tgt Ion:	178	Resp:	2667
Ion Ratio	Lower	Upper	
178	100		
179	19.6	15.4	23.2
176	22.9	19.0	28.4



#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. 0.009 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Tgt Ion:	178	Resp:	2635
Ion Ratio	Lower	Upper	
178	100		
179	21.5	17.8	26.6
176	23.8	18.7	28.1

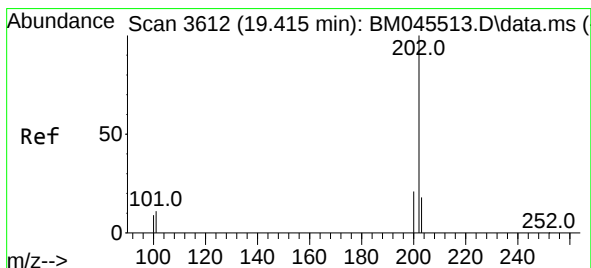
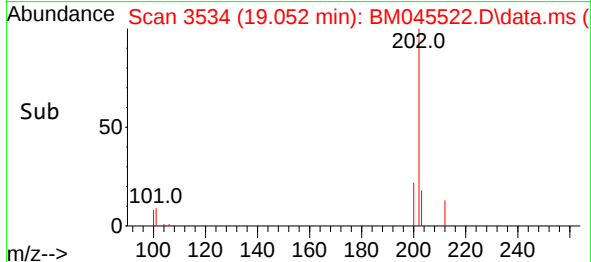
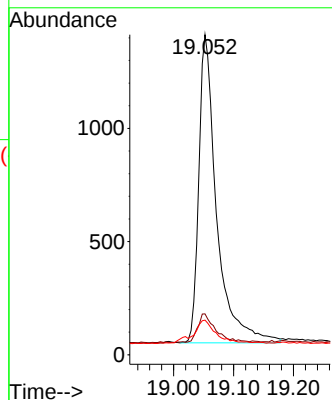
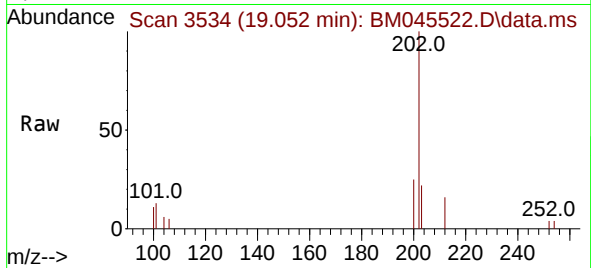




#19
Fluoranthene
Concen: 0.335 ng/u1
RT: 19.052 min Scan# 3533
Delta R.T. 0.005 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

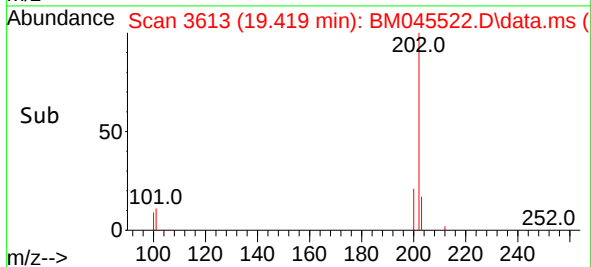
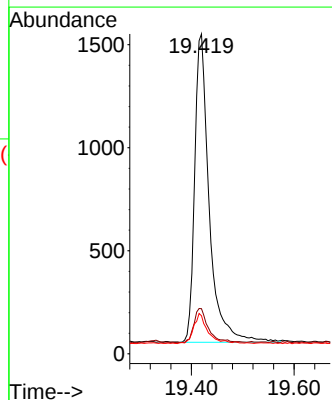
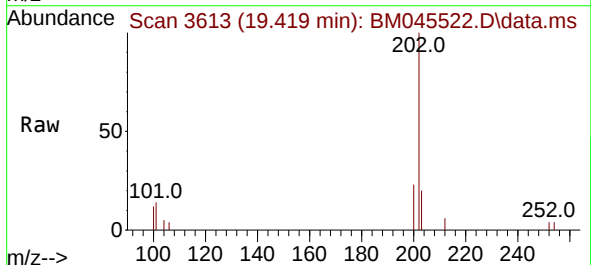
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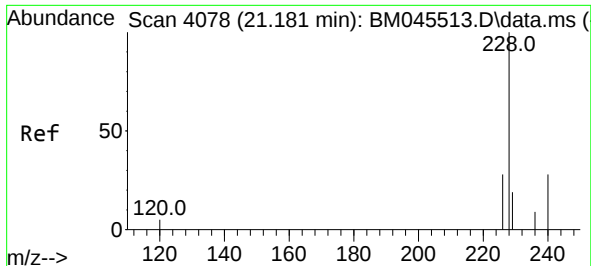
Tgt Ion:	202	Resp:	2816
Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.2	16.8
100	10.8	9.1	13.7



#20
Pyrene
Concen: 0.342 ng/u1
RT: 19.419 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

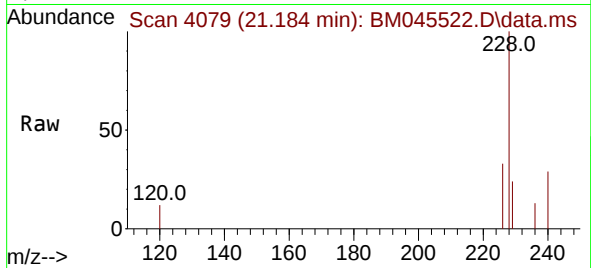
Tgt Ion:	202	Resp:	2953
Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.5	17.3
100	11.9	10.6	15.8



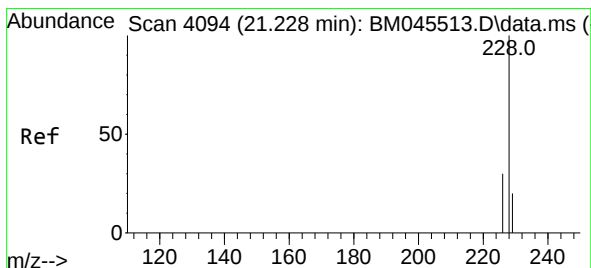
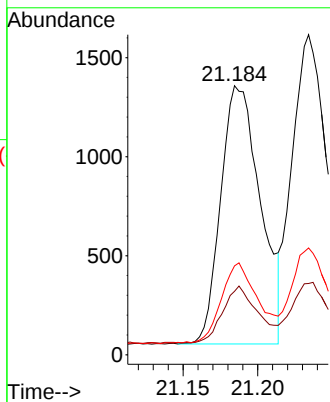
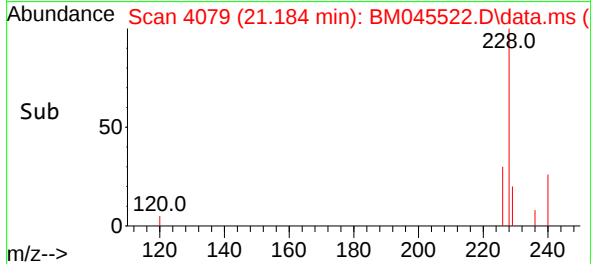


#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.184 min Scan# 4078
Delta R.T. 0.003 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Instrument :
BNA_M
ClientSampleId :
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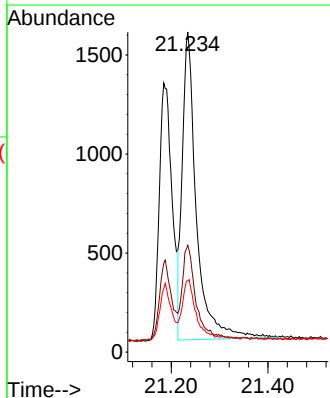
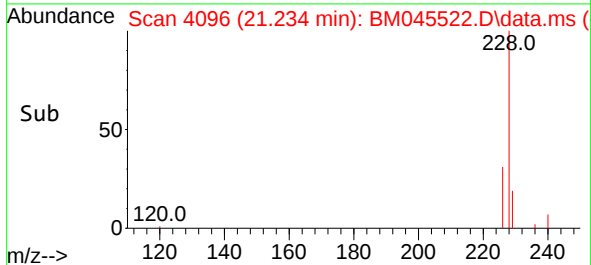
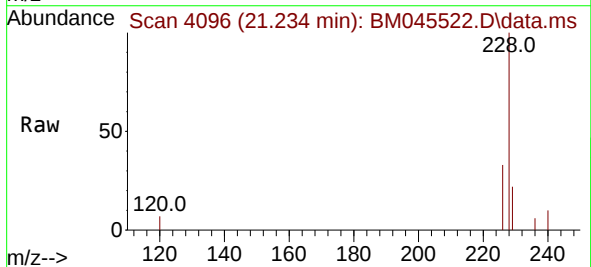


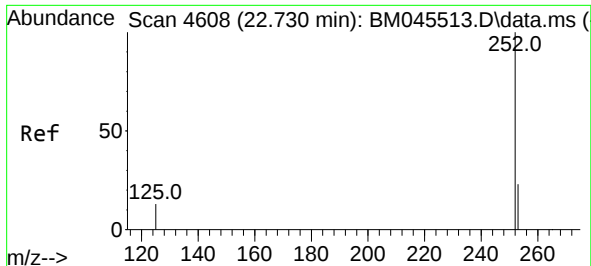
Tgt Ion:228 Resp: 2418
Ion Ratio Lower Upper
228 100
229 23.6 19.4 29.2
226 33.1 26.3 39.5



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.234 min Scan# 4096
Delta R.T. 0.006 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Tgt Ion:228 Resp: 3146
Ion Ratio Lower Upper
228 100
226 33.4 26.3 39.5
229 22.3 17.8 26.8

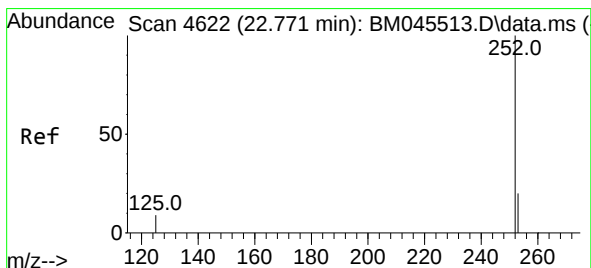
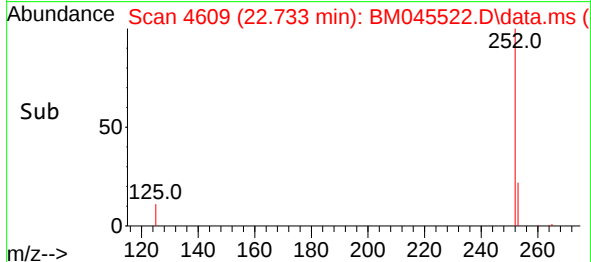
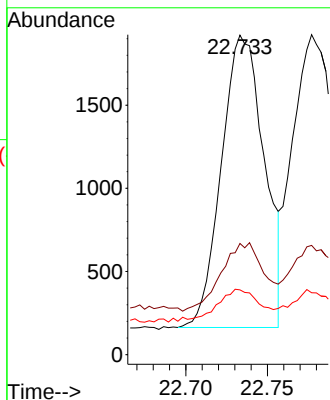
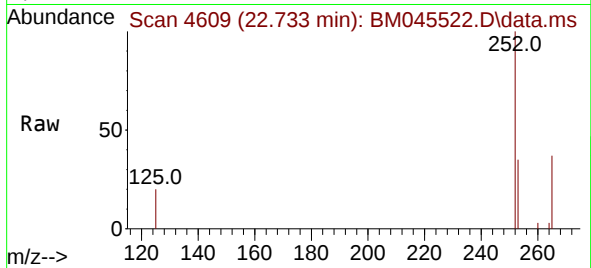




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 22.733 min Scan# 4609
Delta R.T. 0.003 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

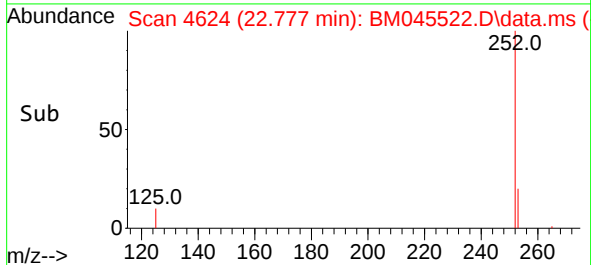
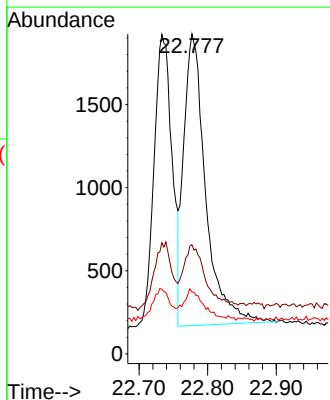
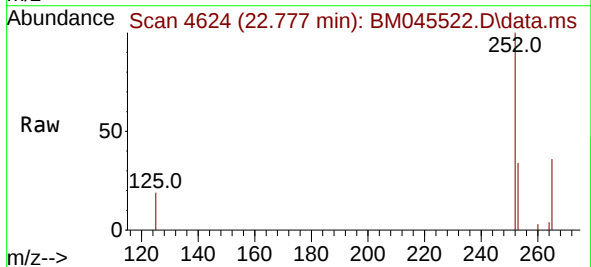
Instrument :
BNA_M
ClientSampleId :
SLCS429

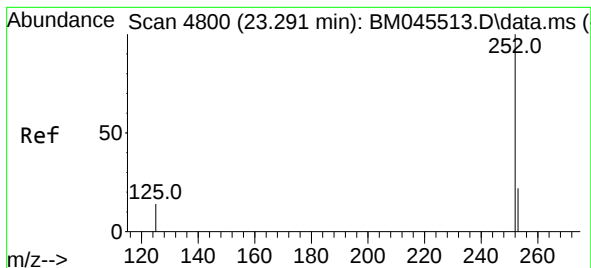
Tgt Ion:252 Resp: 3208
Ion Ratio Lower Upper
252 100
253 34.8 0.0 63.4
125 20.2 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.777 min Scan# 4624
Delta R.T. 0.006 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Tgt Ion:252 Resp: 3893
Ion Ratio Lower Upper
252 100
253 34.1 25.4 38.0
125 19.3 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.297 min Scan# 4800

Delta R.T. 0.006 min

Lab File: BM045522.D

Acq: 23 Apr 2024 20:17

Instrument :

BNA_M

ClientSampleId :

SLCS429

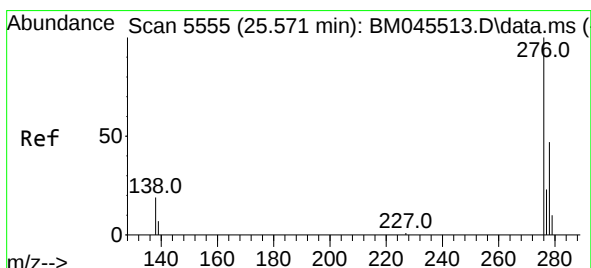
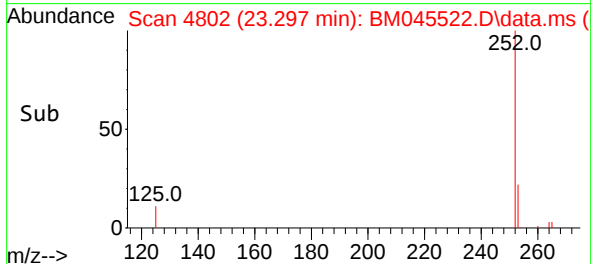
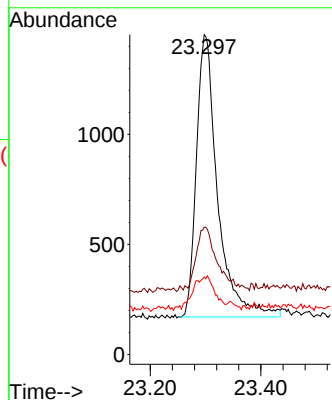
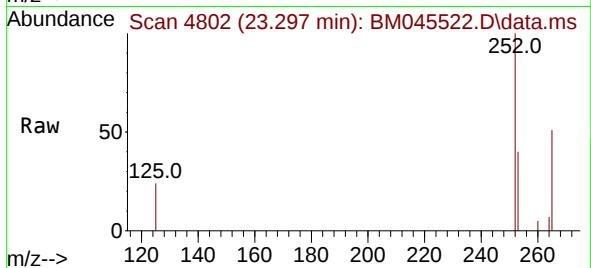
Tgt Ion:252 Resp: 3408

Ion Ratio Lower Upper

252 100

253 39.8 31.6 47.4

125 24.3 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.380 ng/ul

RT: 25.582 min Scan# 5558

Delta R.T. 0.010 min

Lab File: BM045522.D

Acq: 23 Apr 2024 20:17

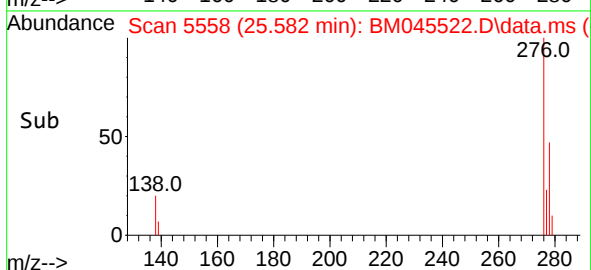
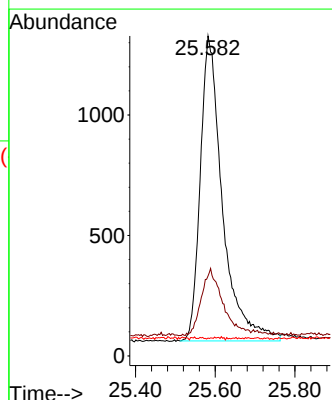
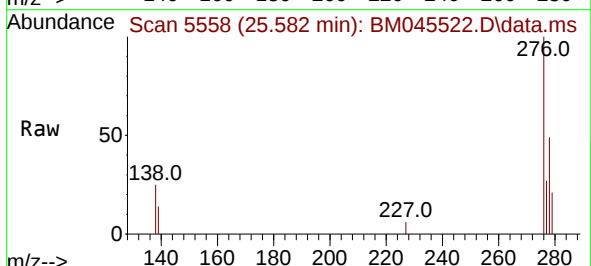
Tgt Ion:276 Resp: 4889

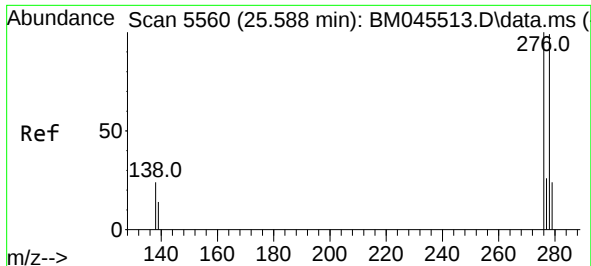
Ion Ratio Lower Upper

276 100

138 21.1 19.8 29.6

227 0.2 0.2 0.2

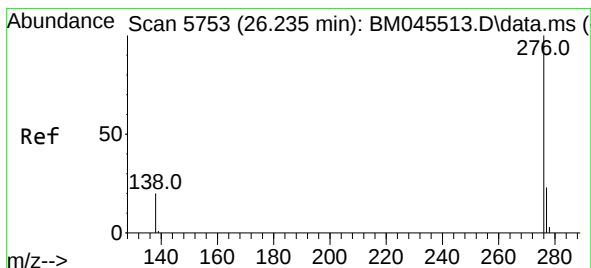
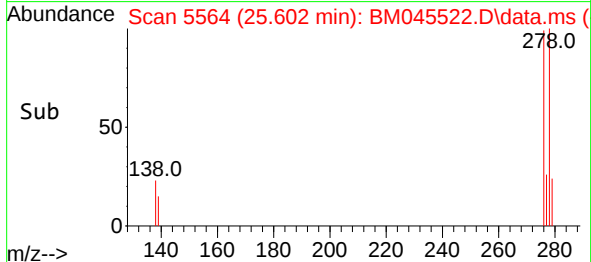
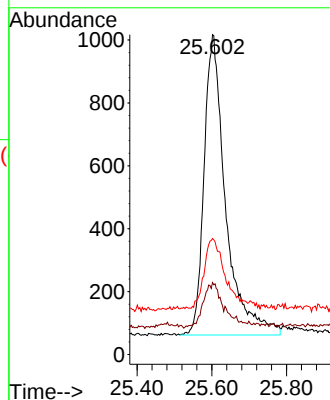
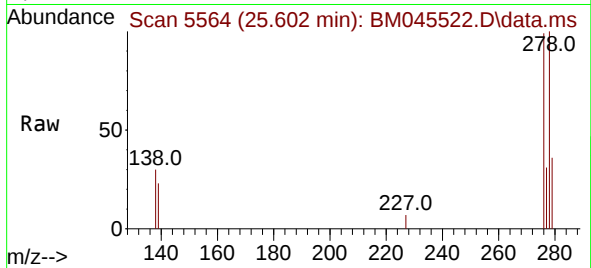




#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 25.602 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Instrument :
BNA_M
ClientSampleId :
SLCS429

Tgt Ion:278 Resp: 3826
Ion Ratio Lower Upper
278 100
139 22.5 19.0 28.6
279 36.3 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.246 min Scan# 5756
Delta R.T. 0.010 min
Lab File: BM045522.D
Acq: 23 Apr 2024 20:17

Tgt Ion:276 Resp: 4252
Ion Ratio Lower Upper
276 100
138 24.8 20.8 31.2
277 28.5 21.8 32.8

