

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040709.D
 Acq On : 07 Jul 2023 11:56
 Operator : MA/JU
 Sample : PB153521BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS521

Quant Time: Jul 07 13:39:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 10:22:24 2023
 Response via : Initial Calibration

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

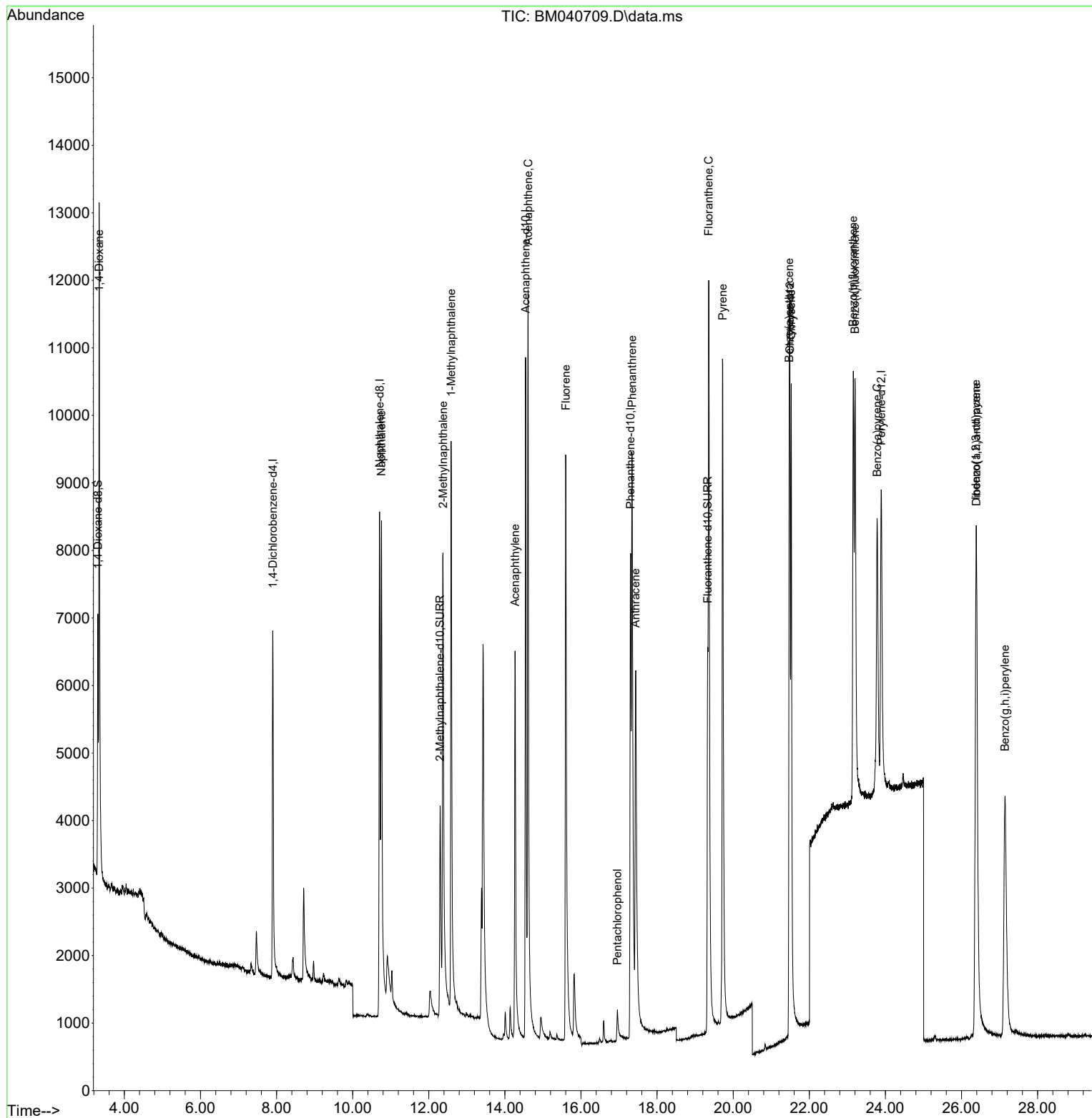
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	3444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.708	136	14152	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.546	164	6982	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	13517	0.400	ng/ul	0.00
17) Chrysene-d12	21.492	240	8853	0.400	ng/ul	0.00
23) Perylene-d12	23.889	264	8460	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2894	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	6459	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	9958	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	7024	1.276	ng/ul	92
5) Naphthalene	10.757	128	12734	0.326	ng/ul	98
7) 2-Methylnaphthalene	12.374	142	7639	0.333	ng/ul	98
8) 1-Methylnaphthalene	12.588	142	7319	0.319	ng/ul	98
10) Acenaphthylene	14.268	152	9690	0.311	ng/ul	97
11) Acenaphthene	14.611	153	8223	0.312	ng/ul	98
12) Fluorene	15.601	166	8971	0.319	ng/ul	98
14) Pentachlorophenol	16.957	266	647	0.249	ng/ul	94
15) Phenanthrene	17.341	178	12799	0.305	ng/ul	98
16) Anthracene	17.434	178	10747	0.305	ng/ul	97
19) Fluoranthene	19.357	202	12968	0.345	ng/ul	99
20) Pyrene	19.724	202	13410	0.333	ng/ul	98
21) Benzo(a)anthracene	21.472	228	9618	0.321	ng/ul	99
22) Chrysene	21.524	228	10924	0.320	ng/ul	99
24) Benzo(b)fluoranthene	23.155	252	11029	0.337	ng/ul	93
25) Benzo(k)fluoranthene	23.202	252	10520	0.326	ng/ul#	90
26) Benzo(a)pyrene	23.784	252	9186	0.311	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.381	276	12745	0.310	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.394	278	9915	0.308	ng/ul	94
29) Benzo(g,h,i)perylene	27.142	276	11659	0.324	ng/ul	98

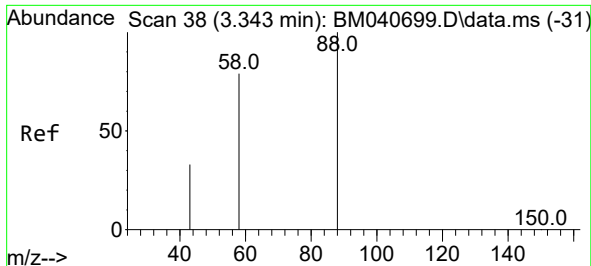
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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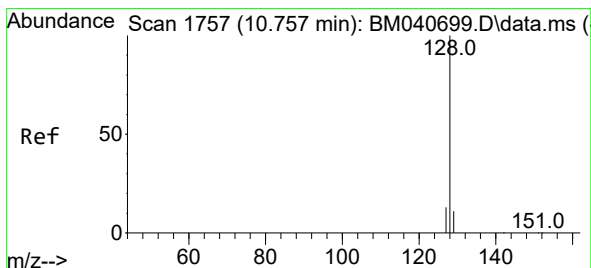
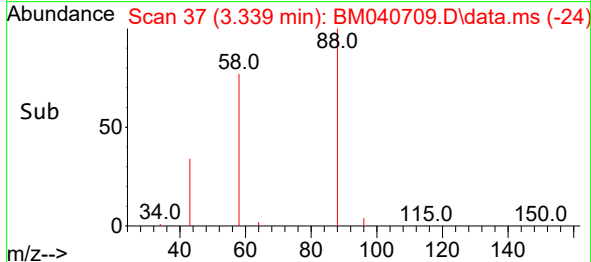
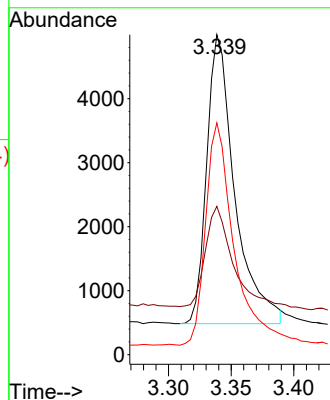
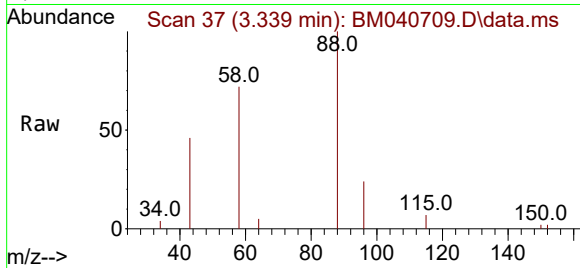




#2
1,4-Dioxane
Concen: 1.276 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

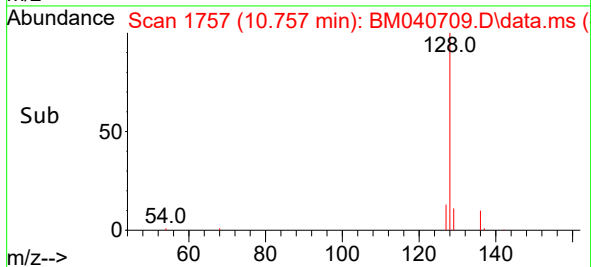
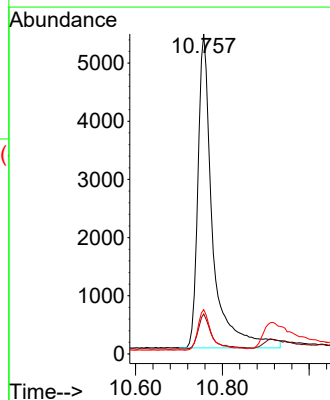
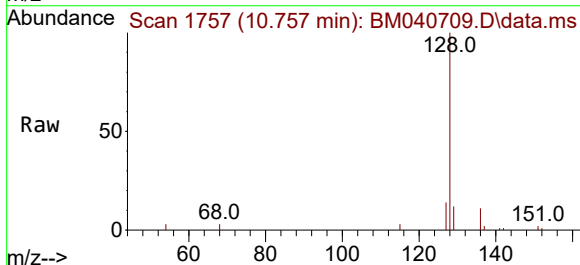
Instrument :
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ClientSampleId :
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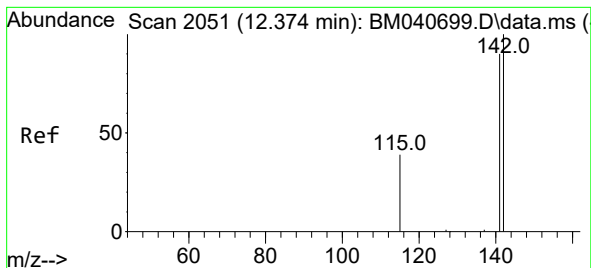
Tgt Ion: 88 Resp: 7024
Ion Ratio Lower Upper
88 100
43 46.3 36.1 54.1
58 72.5 49.8 74.8



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.757 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Tgt Ion: 128 Resp: 12734
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 13.9 10.6 15.8

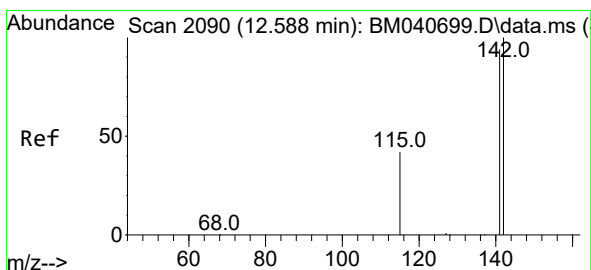
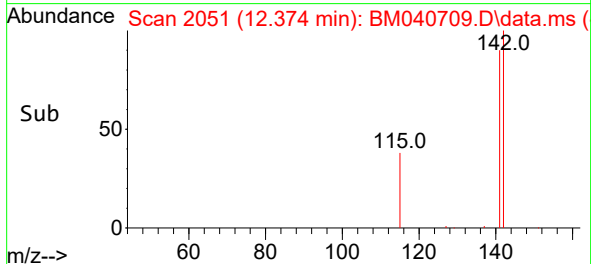
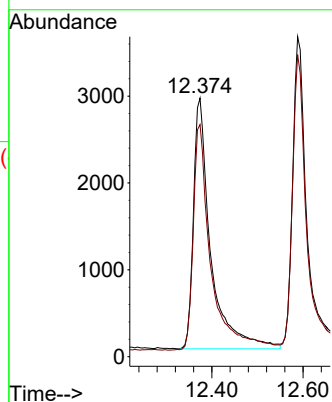
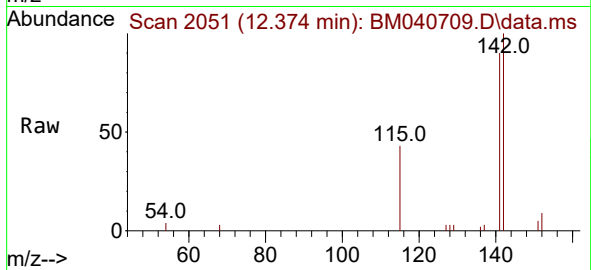




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.374 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

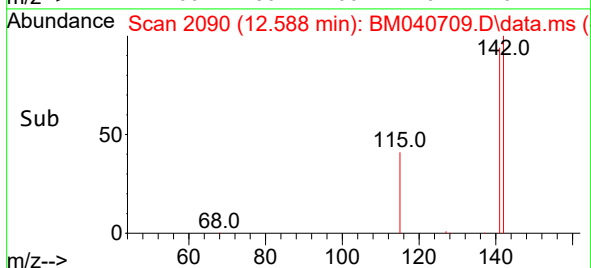
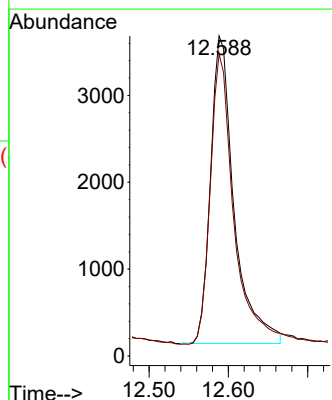
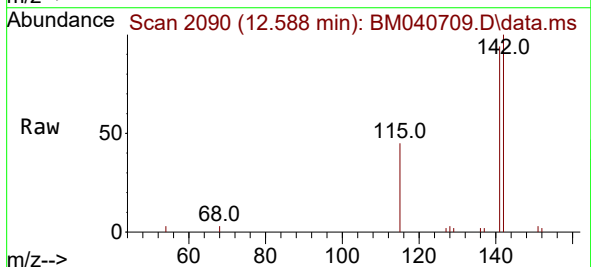
Instrument :
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ClientSampleId :
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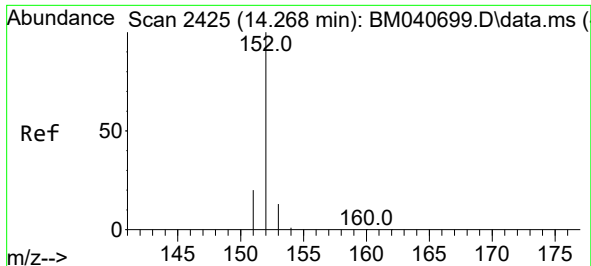
Tgt Ion:142 Resp: 7639
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Tgt Ion:142 Resp: 7319
Ion Ratio Lower Upper
142 100
141 94.0 73.7 110.5

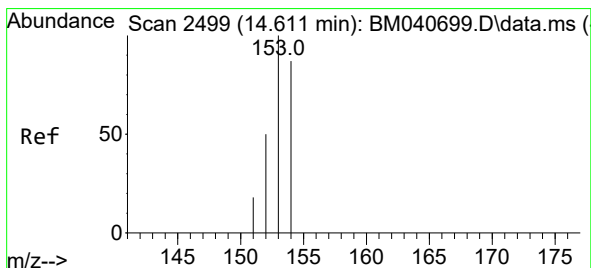
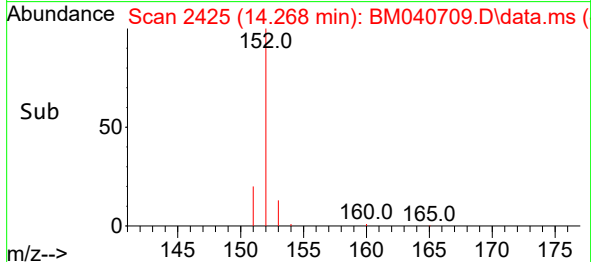
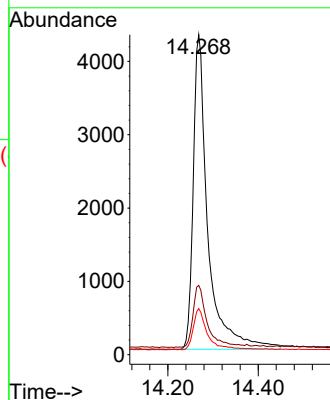
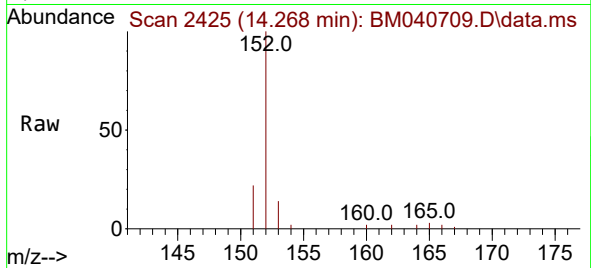




#10
Acenaphthylene
Concen: 0.311 ng/ul
RT: 14.268 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

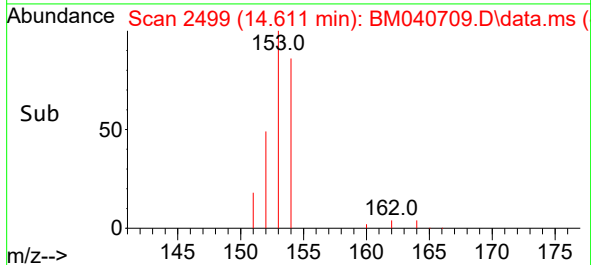
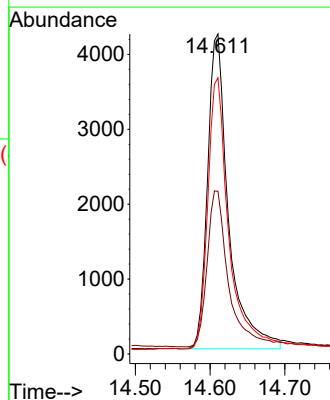
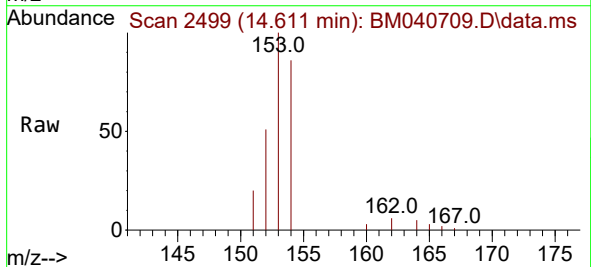
Instrument :
BNA_M
ClientSampleId :
SLCS521

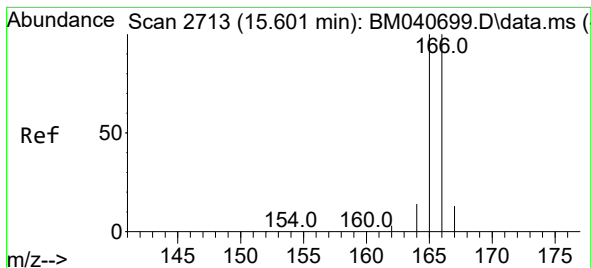
Tgt Ion:152 Resp: 9690
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Tgt Ion:153 Resp: 8223
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.4
154 86.3 70.8 106.2





#12

Fluorene

Concen: 0.319 ng/ul

RT: 15.601 min Scan# 2713

Delta R.T. -0.000 min

Lab File: BM040709.D

Acq: 07 Jul 2023 11:56

Instrument :

BNA_M

ClientSampleId :

SLCS521

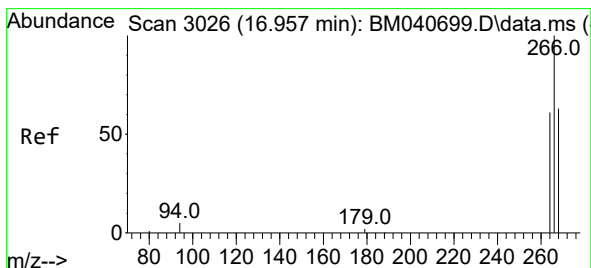
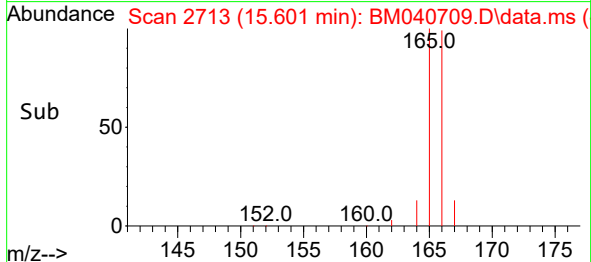
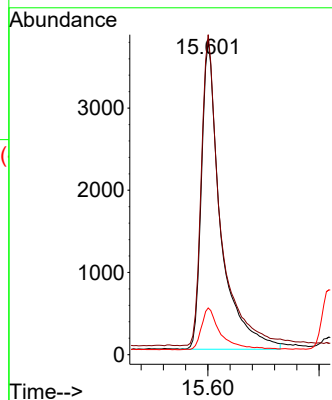
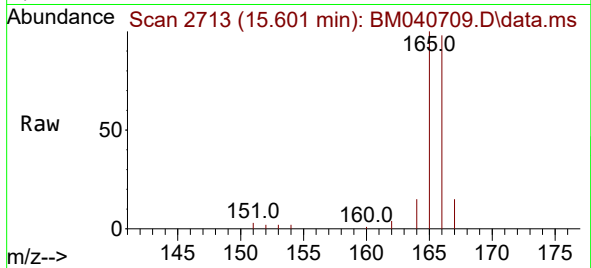
Tgt Ion:166 Resp: 8971

Ion Ratio Lower Upper

166 100

165 102.0 79.6 119.4

167 14.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.249 ng/ul

RT: 16.957 min Scan# 3026

Delta R.T. -0.000 min

Lab File: BM040709.D

Acq: 07 Jul 2023 11:56

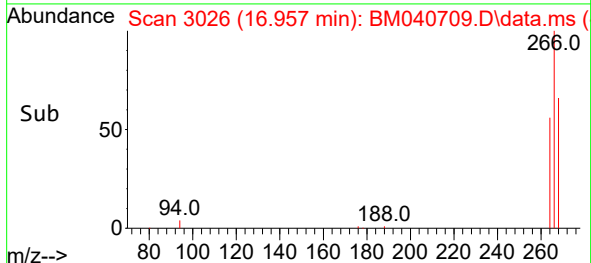
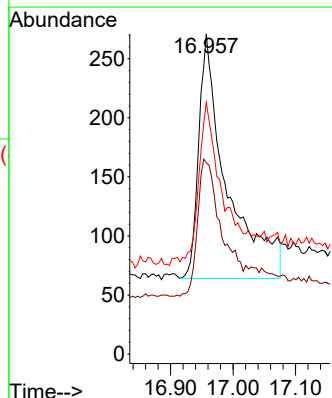
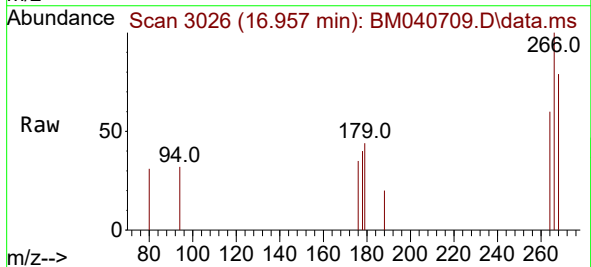
Tgt Ion:266 Resp: 647

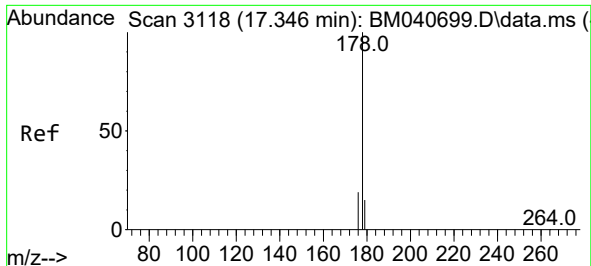
Ion Ratio Lower Upper

266 100

264 60.0 45.4 68.0

268 64.0 47.2 70.8

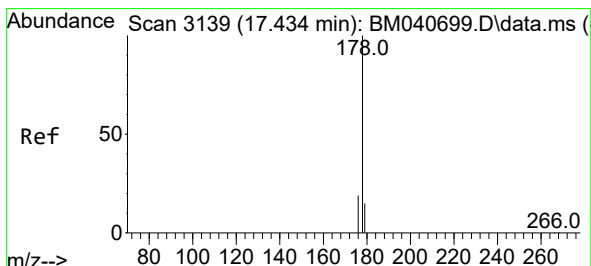
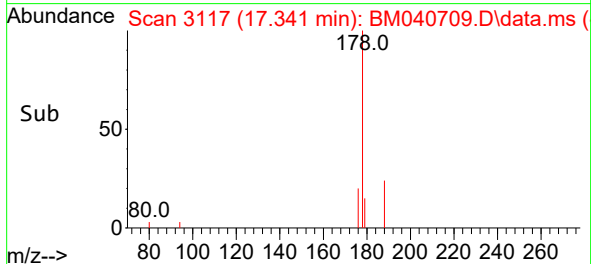
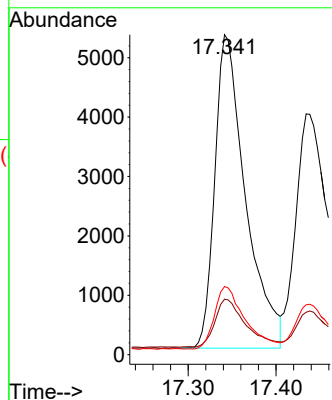
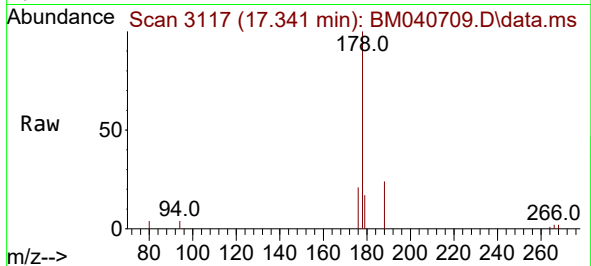




#15
Phenanthrene
Concen: 0.305 ng/ul
RT: 17.341 min Scan# 3117
Delta R.T. -0.004 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

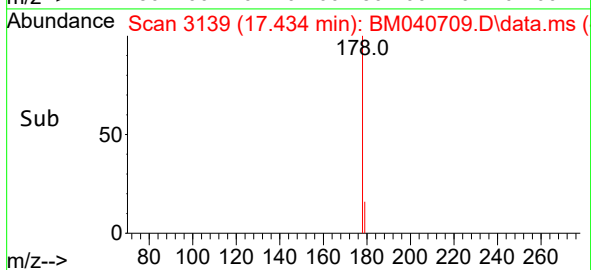
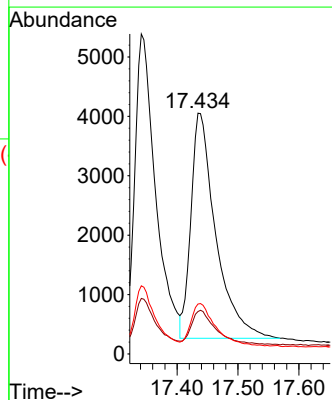
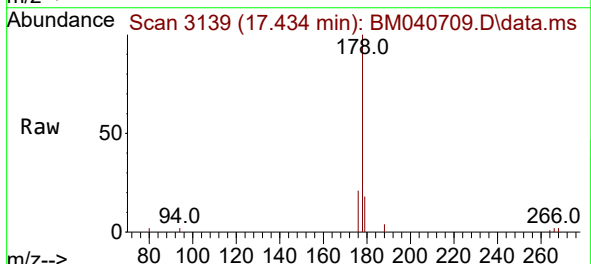
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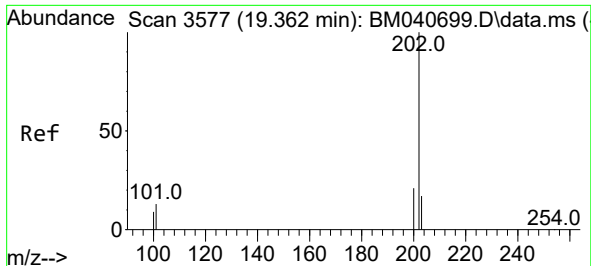
Tgt Ion:178 Resp: 12799
Ion Ratio Lower Upper
178 100
179 17.4 12.8 19.2
176 21.3 16.4 24.6



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Tgt Ion:178 Resp: 10747
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 20.7 15.8 23.6

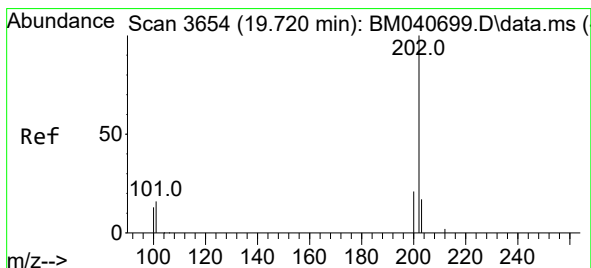
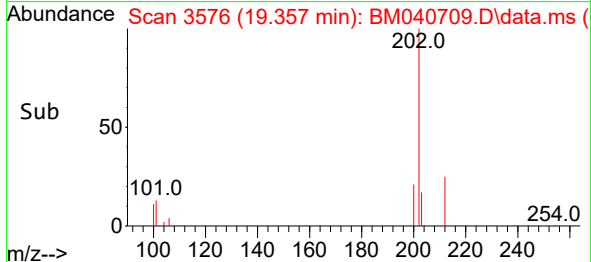
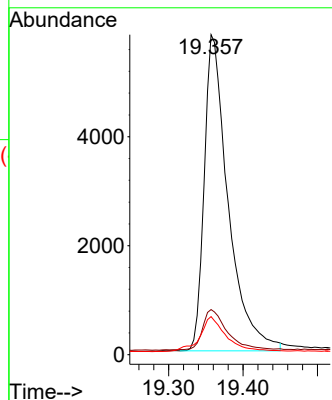
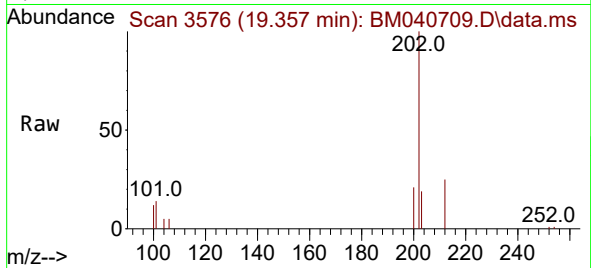




#19
Fluoranthene
Concen: 0.345 ng/ul
RT: 19.357 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

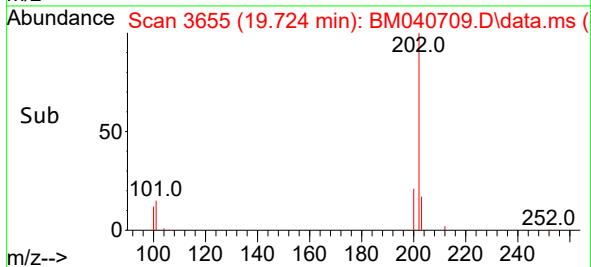
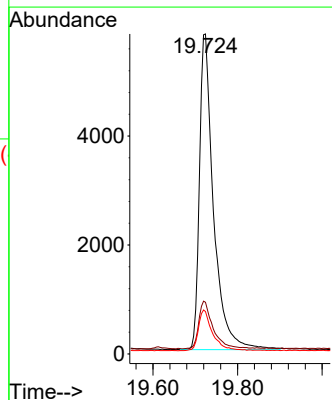
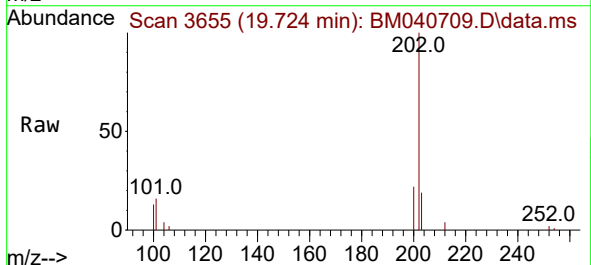
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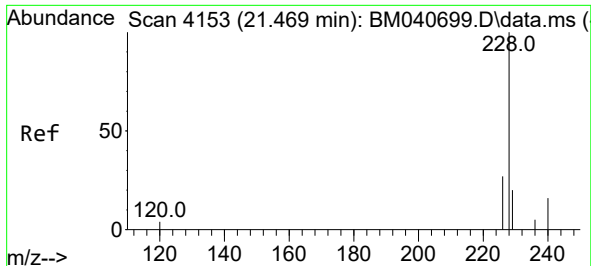
Tgt Ion:202 Resp: 12968
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.9 8.7 13.1



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.724 min Scan# 3655
Delta R.T. 0.005 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Tgt Ion:202 Resp: 13410
Ion Ratio Lower Upper
202 100
101 16.2 12.6 18.8
100 13.2 9.8 14.6

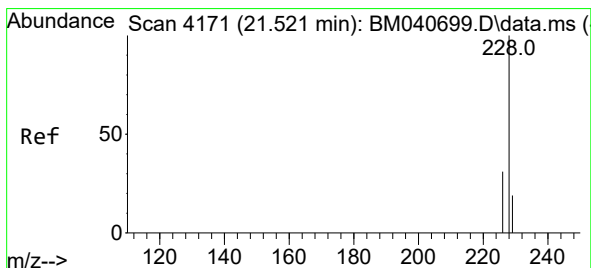
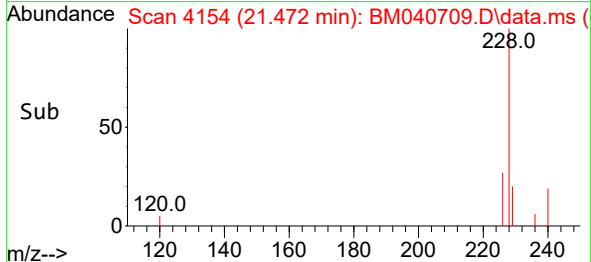
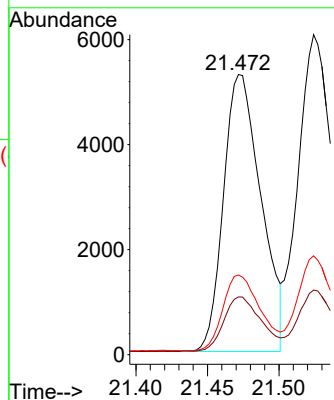
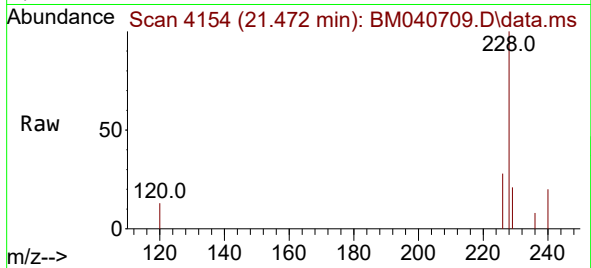




#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.472 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

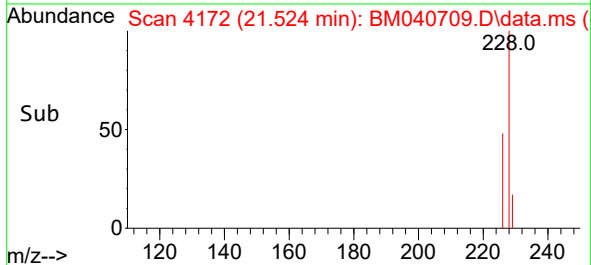
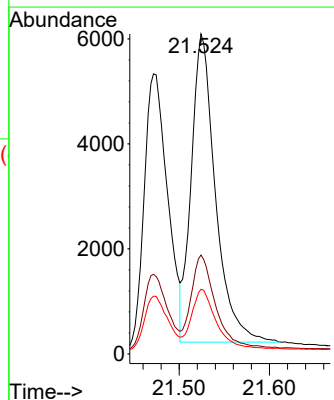
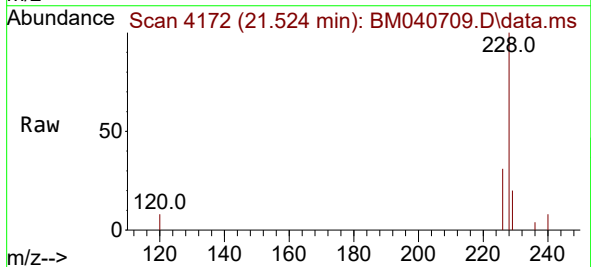
Instrument :
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ClientSampleId :
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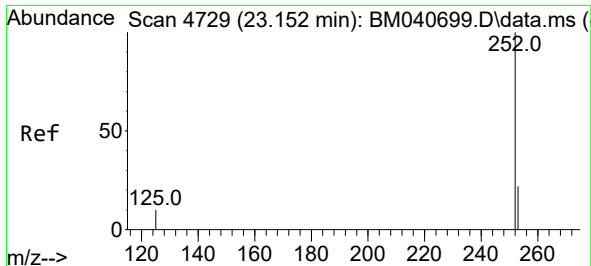
Tgt Ion:228	Resp:	9618
Ion Ratio	Lower	Upper
228	100	
229	20.6	16.0 24.0
226	28.4	22.3 33.5



#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. 0.003 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Tgt Ion:228	Resp:	10924
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.9 37.3
229	20.2	15.8 23.6

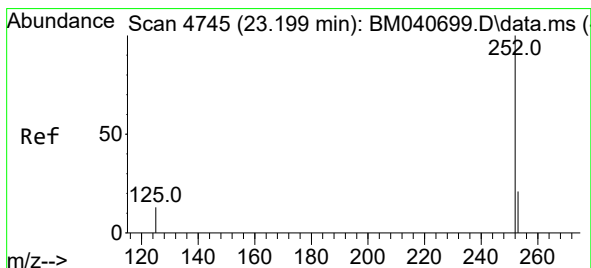
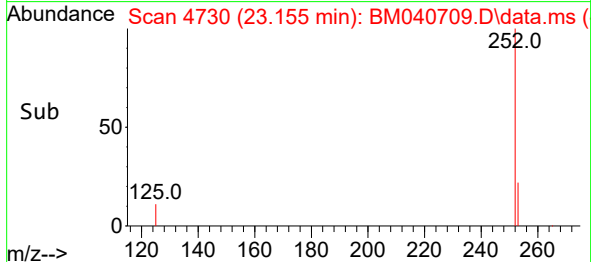
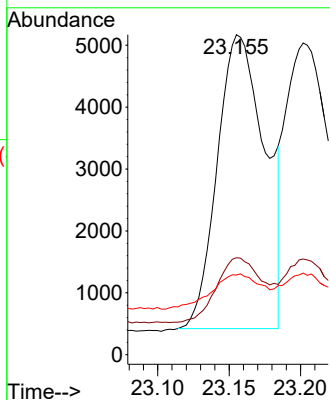
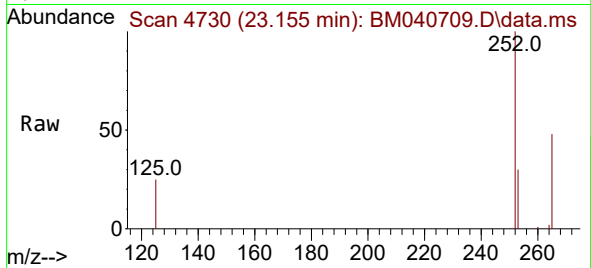




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.155 min Scan# 4730
Delta R.T. 0.003 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

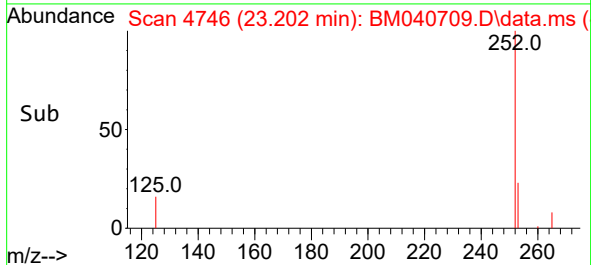
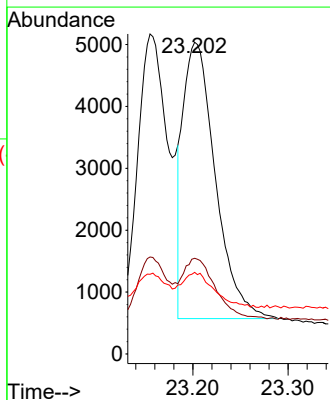
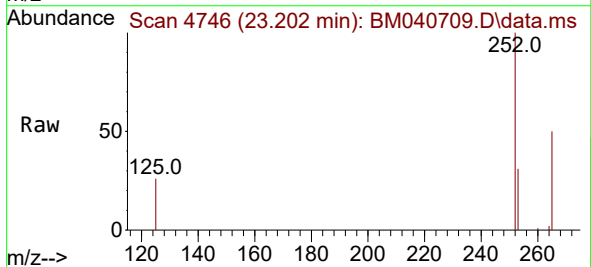
Instrument :
BNA_M
ClientSampleId :
SLCS521

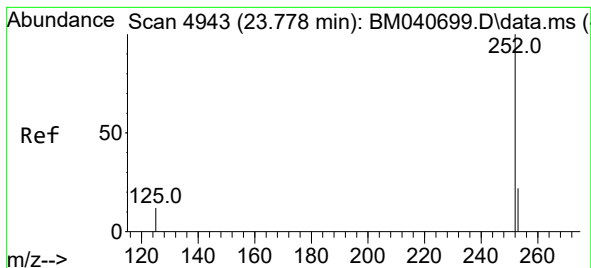
Tgt Ion:252 Resp: 11029
Ion Ratio Lower Upper
252 100
253 30.3 0.0 52.8
125 24.9 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.202 min Scan# 4746
Delta R.T. 0.003 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Tgt Ion:252 Resp: 10520
Ion Ratio Lower Upper
252 100
253 30.7 21.2 31.8
125 26.2 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 0.311 ng/ul

RT: 23.784 min Scan# 4943

Delta R.T. 0.006 min

Lab File: BM040709.D

Acq: 07 Jul 2023 11:56

Instrument :

BNA_M

ClientSampleId :

SLCS521

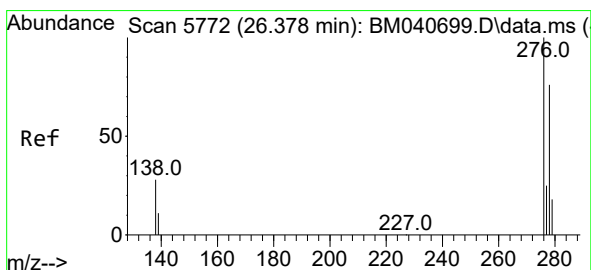
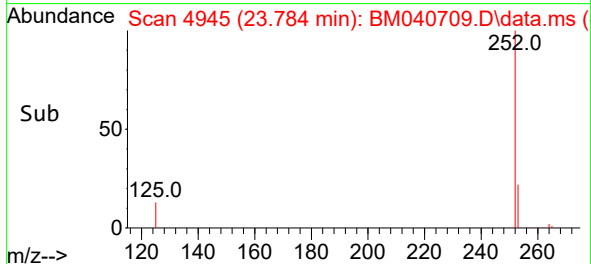
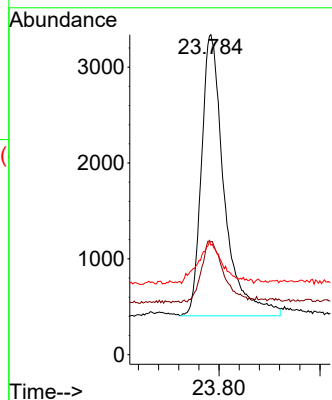
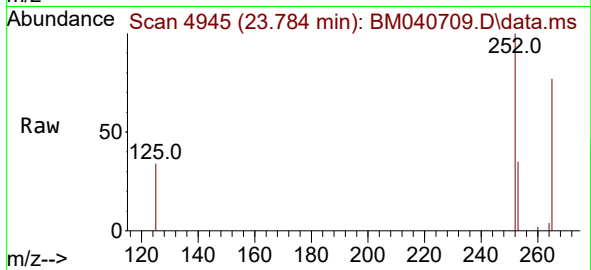
Tgt Ion:252 Resp: 9186

Ion Ratio Lower Upper

252 100

253 35.3 22.9 34.3#

125 34.2 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.310 ng/ul

RT: 26.381 min Scan# 5773

Delta R.T. 0.003 min

Lab File: BM040709.D

Acq: 07 Jul 2023 11:56

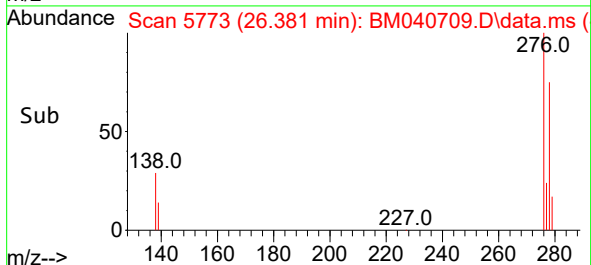
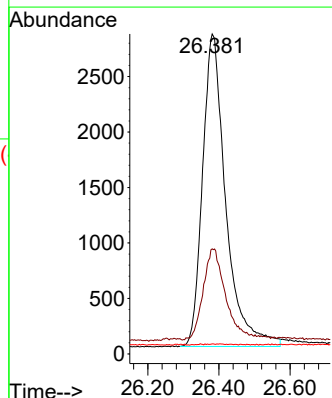
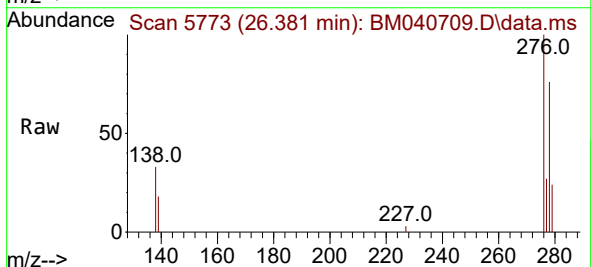
Tgt Ion:276 Resp: 12745

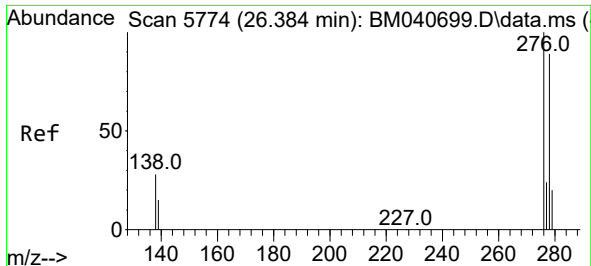
Ion Ratio Lower Upper

276 100

138 29.0 24.5 36.7

227 0.1 0.1 0.1#

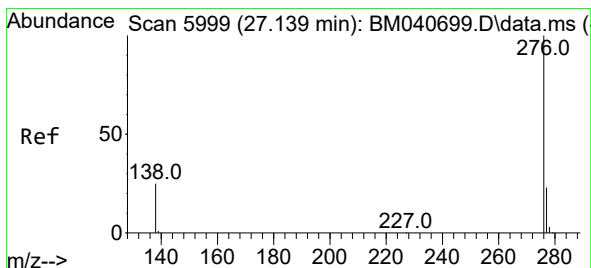
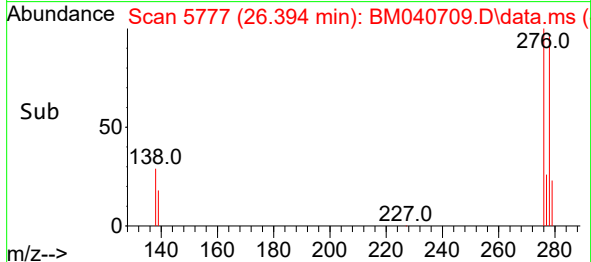
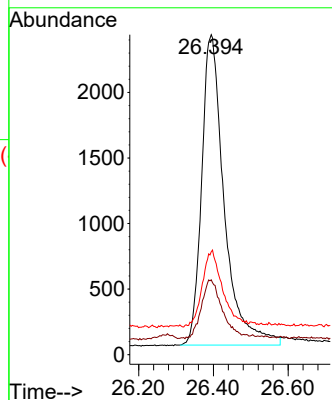
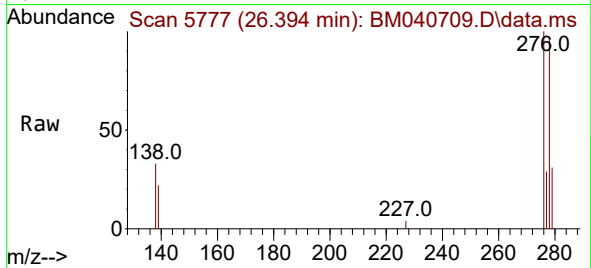




#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 26.394 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Instrument :
BNA_M
ClientSampleId :
SLCS521

Tgt Ion:278 Resp: 9915
Ion Ratio Lower Upper
278 100
139 23.4 17.9 26.9
279 32.2 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 27.142 min Scan# 6000
Delta R.T. 0.003 min
Lab File: BM040709.D
Acq: 07 Jul 2023 11:56

Tgt Ion:276 Resp: 11659
Ion Ratio Lower Upper
276 100
138 29.2 23.0 34.6
277 26.9 20.3 30.5

