

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042630.D
 Acq On : 08 Nov 2023 01:57
 Operator : MA/JU
 Sample : PB156701BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS701

Quant Time: Nov 08 02:50:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

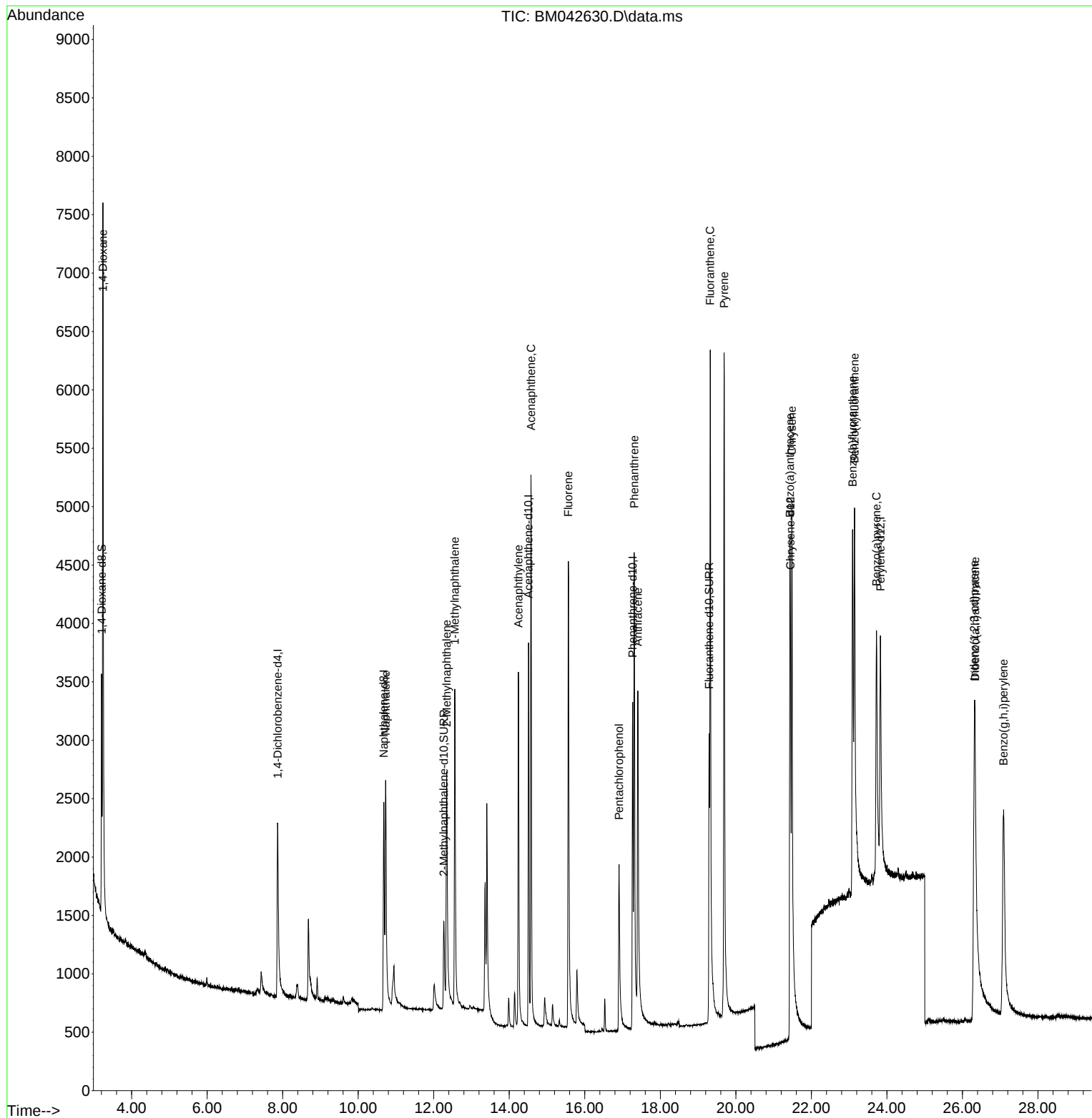
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	1293	0.400	ng/ul	0.00
4) Naphthalene-d8	10.677	136	3193	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.510	164	1903	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.266	188	3918	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	2863	0.400	ng/ul	# 0.00
23) Perylene-d12	23.829	264	3321	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	1274	0.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	1438	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.293	212	3428	0.346	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	3843	1.892	ng/ul#	58
5) Naphthalene	10.726	128	3448	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.343	142	2176	0.329	ng/ul	95
8) 1-Methylnaphthalene	12.557	142	2154	0.321	ng/ul	99
10) Acenaphthylene	14.242	152	4191	0.322	ng/ul	98
11) Acenaphthene	14.575	153	2923	0.331	ng/ul	99
12) Fluorene	15.565	166	3329	0.328	ng/ul	100
14) Pentachlorophenol	16.908	266	1432	0.717	ng/ul	96
15) Phenanthrene	17.309	178	5069	0.334	ng/ul	99
16) Anthracene	17.406	178	4494	0.327	ng/ul	99
19) Fluoranthene	19.321	202	6014	0.336	ng/ul	100
20) Pyrene	19.689	202	6581	0.335	ng/ul	99
21) Benzo(a)anthracene	21.429	228	4195	0.329	ng/ul	100
22) Chrysene	21.485	228	4592	0.349	ng/ul	99
24) Benzo(b)fluoranthene	23.089	252	4847	0.361	ng/ul	95
25) Benzo(k)fluoranthene	23.142	252	5130	0.365	ng/ul	95
26) Benzo(a)pyrene	23.724	252	5205	0.375	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.316	276	6126	0.339	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.336	278	4514	0.350	ng/ul	94
29) Benzo(g,h,i)perylene	27.090	276	5552	0.331	ng/ul	98

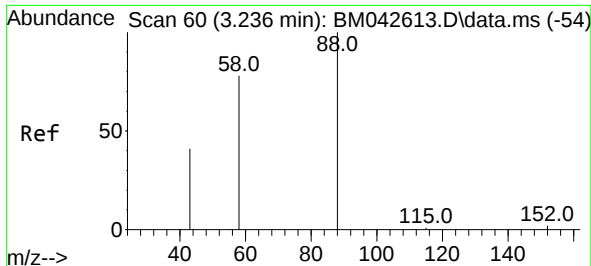
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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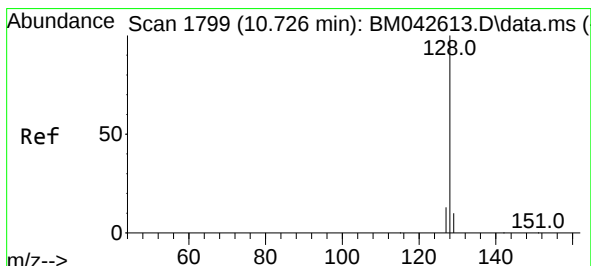
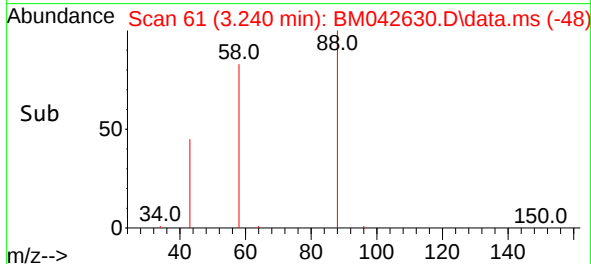
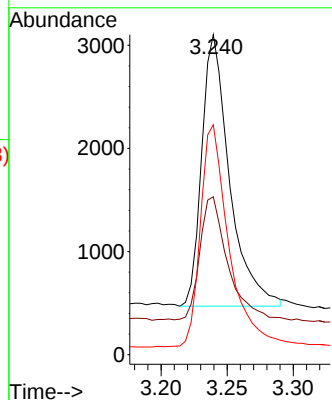
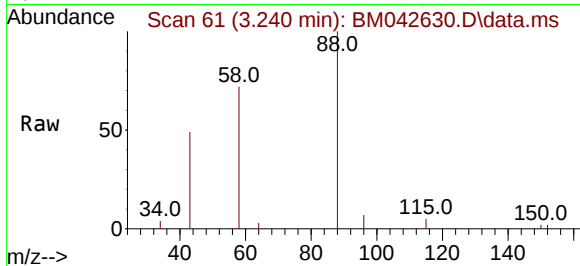




#2
1,4-Dioxane
Concen: 1.892 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

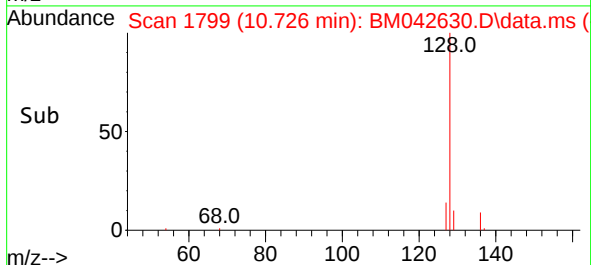
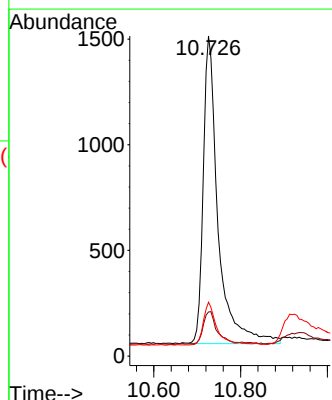
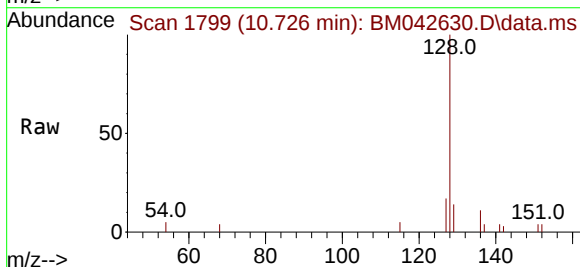
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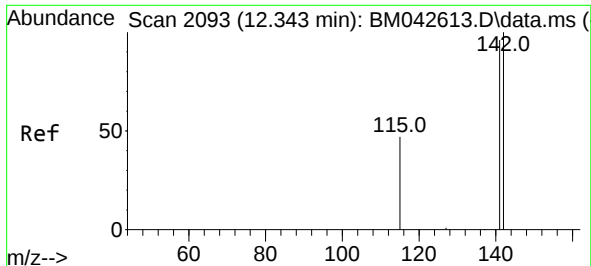
Tgt Ion: 88 Resp: 3843
Ion Ratio Lower Upper
88 100
43 49.3 77.5 116.3#
58 71.8 40.9 61.3#



#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.726 min Scan# 1799
Delta R.T. -0.009 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion: 128 Resp: 3448
Ion Ratio Lower Upper
128 100
129 13.8 11.3 16.9
127 16.8 13.0 19.4

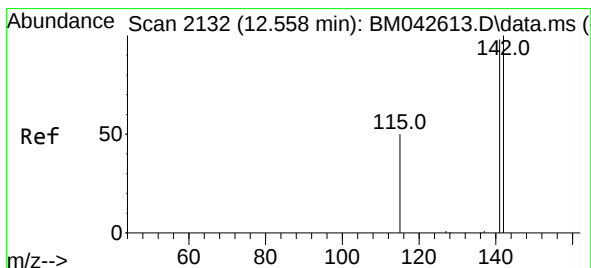
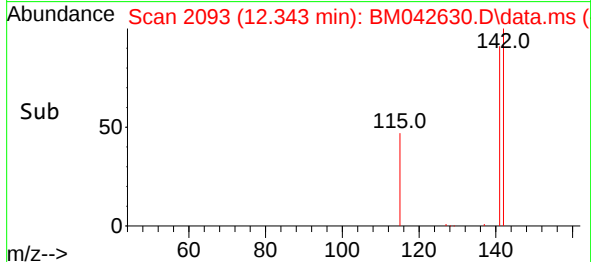
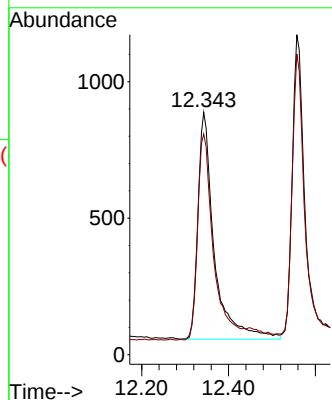
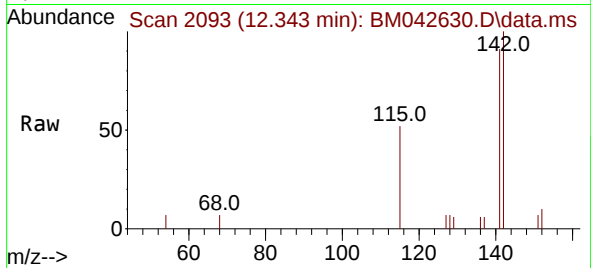




#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.343 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

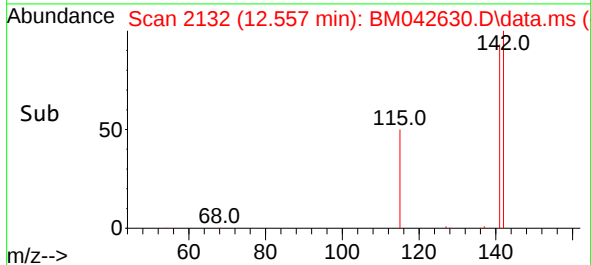
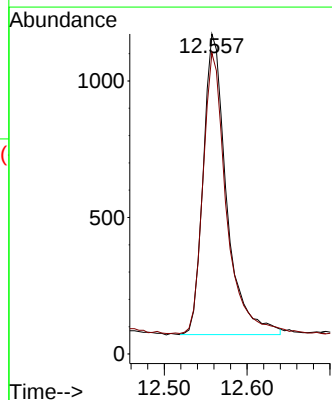
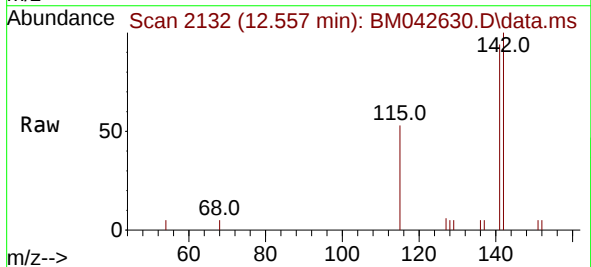
Instrument :
BNA_M
ClientSampleId :
SLCS701

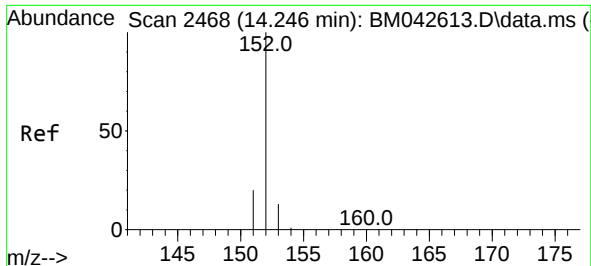
Tgt Ion:142 Resp: 2176
Ion Ratio Lower Upper
142 100
141 94.7 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.557 min Scan# 2132
Delta R.T. -0.009 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion:142 Resp: 2154
Ion Ratio Lower Upper
142 100
141 92.9 75.4 113.2

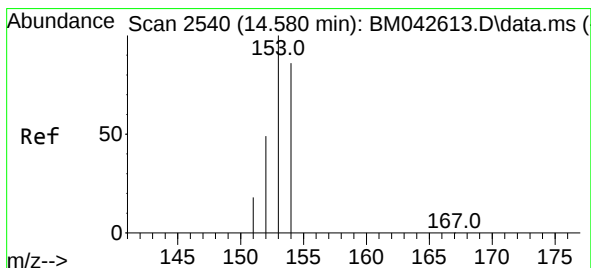
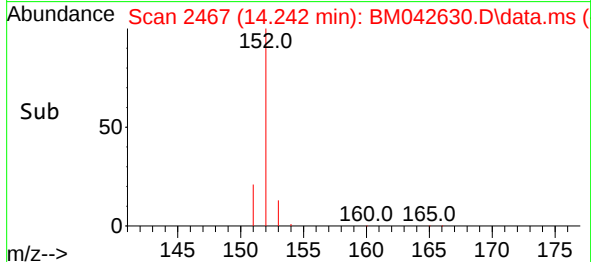
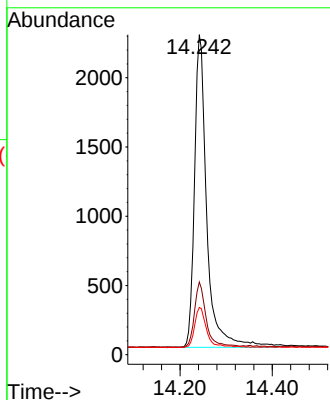
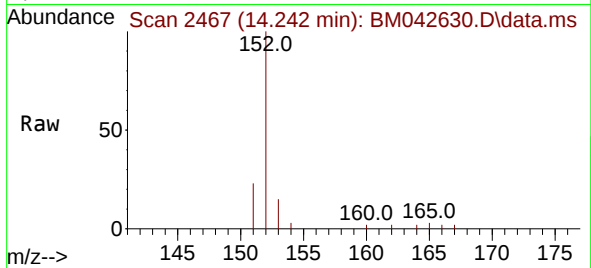




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.242 min Scan# 2468
Delta R.T. -0.004 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

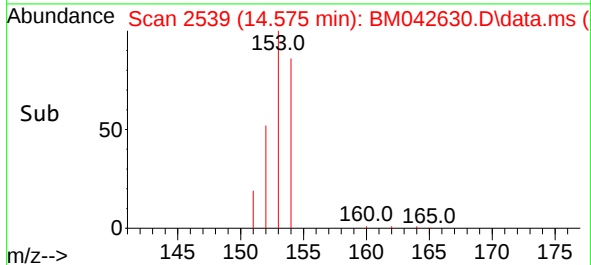
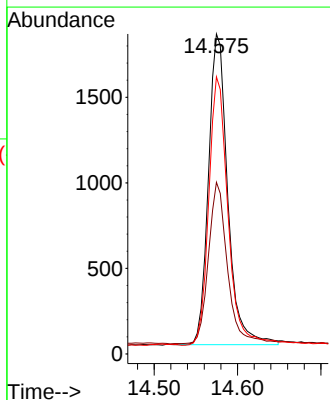
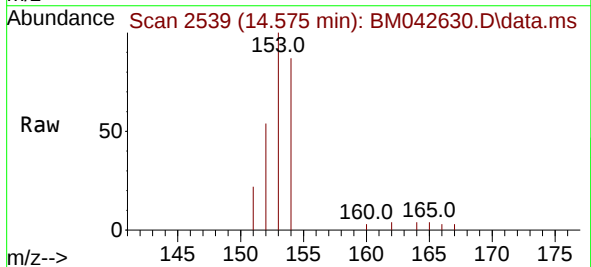
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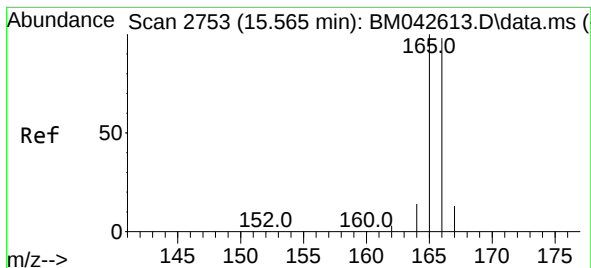
Tgt Ion:152 Resp: 4191
Ion Ratio Lower Upper
152 100
151 22.7 17.2 25.8
153 14.8 11.8 17.8



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.575 min Scan# 2539
Delta R.T. -0.004 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion:153 Resp: 2923
Ion Ratio Lower Upper
153 100
152 53.6 41.8 62.6
154 86.6 69.2 103.8





#12

Fluorene

Concen: 0.328 ng/ul

RT: 15.565 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM042630.D

Acq: 08 Nov 2023 01:57

Instrument :

BNA_M

ClientSampleId :

SLCS701

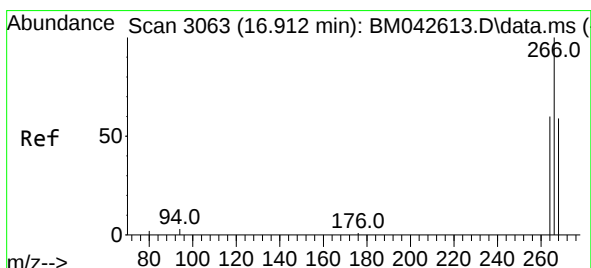
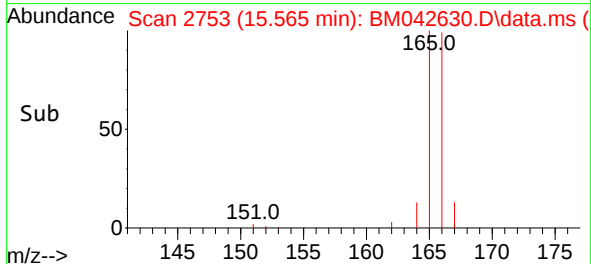
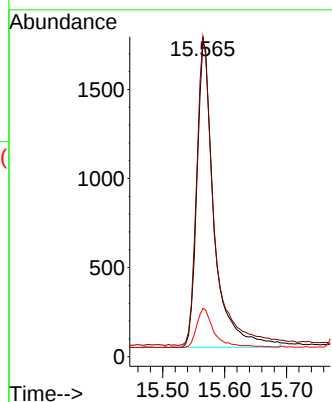
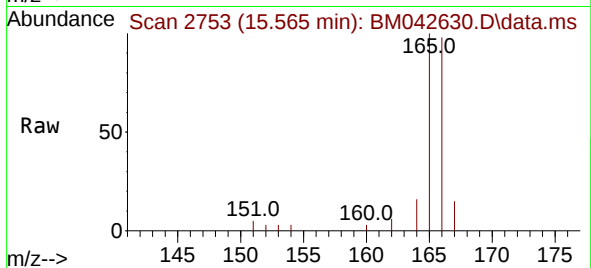
Tgt Ion:166 Resp: 3329

Ion Ratio Lower Upper

166 100

165 101.8 81.2 121.8

167 15.4 11.9 17.9



#14

Pentachlorophenol

Concen: 0.717 ng/ul

RT: 16.908 min Scan# 3062

Delta R.T. -0.003 min

Lab File: BM042630.D

Acq: 08 Nov 2023 01:57

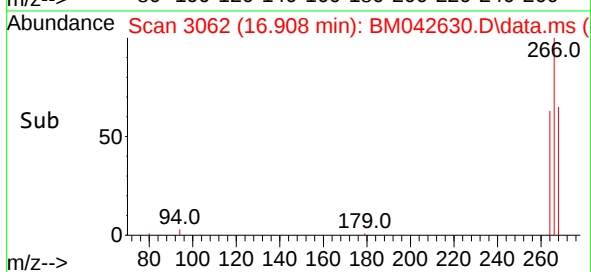
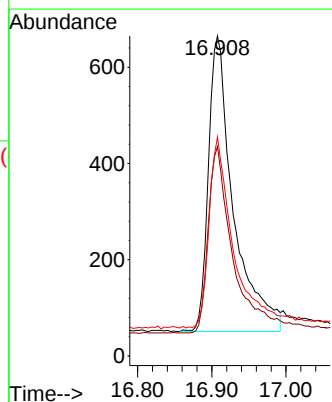
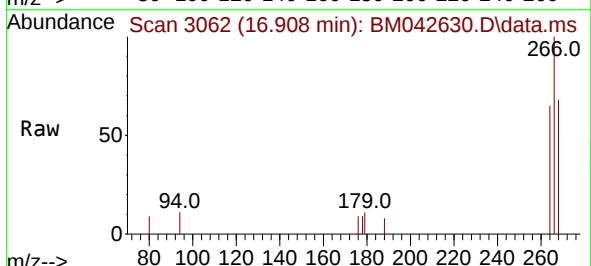
Tgt Ion:266 Resp: 1432

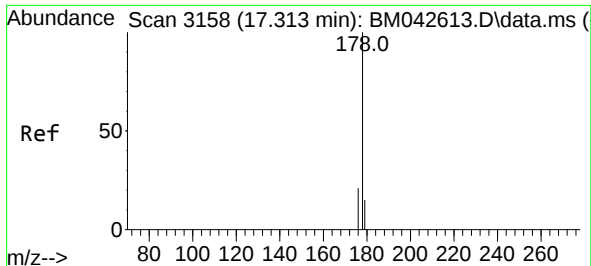
Ion Ratio Lower Upper

266 100

264 61.8 50.4 75.6

268 63.2 54.8 82.2

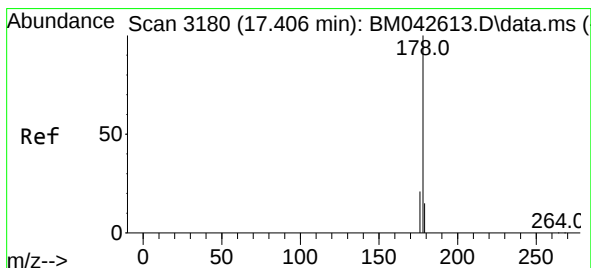
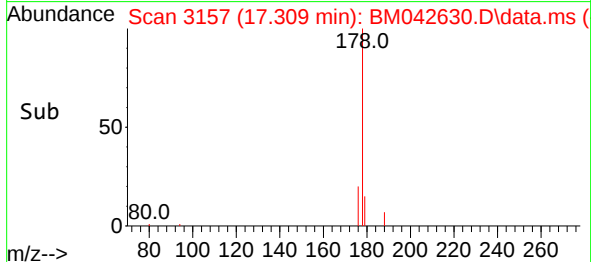
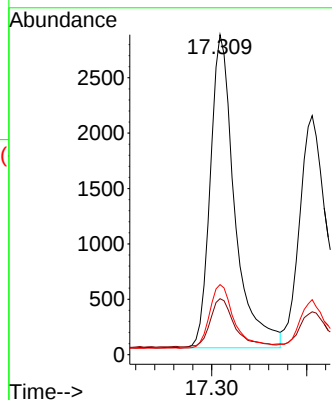
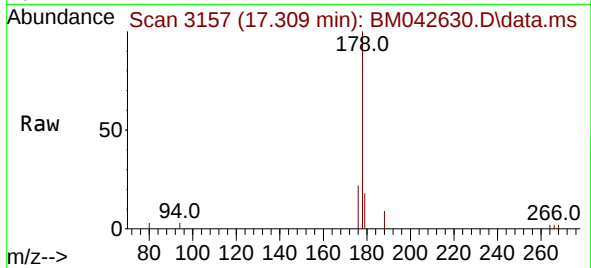




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.309 min Scan# 3157
Delta R.T. -0.003 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

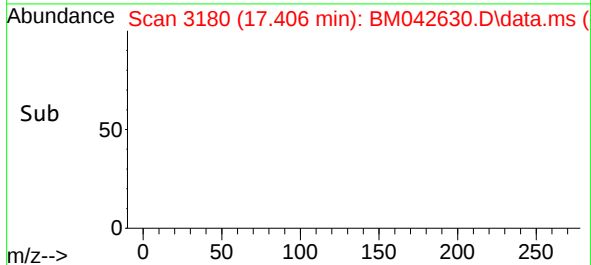
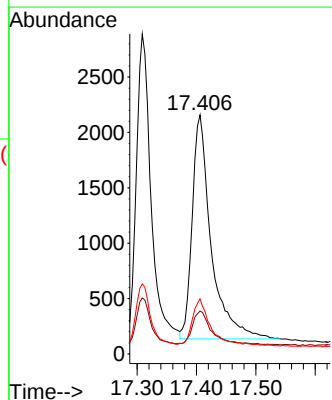
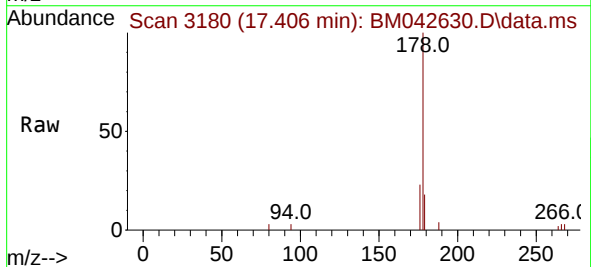
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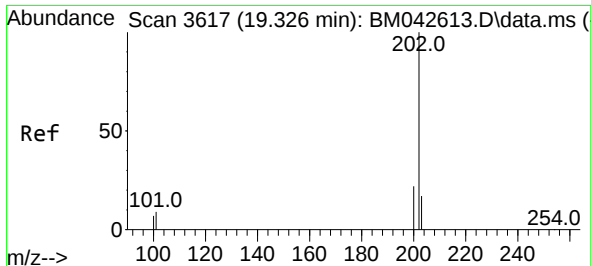
Tgt Ion:178 Resp: 5069
Ion Ratio Lower Upper
178 100
179 17.5 13.7 20.5
176 21.9 18.2 27.2



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.406 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion:178 Resp: 4494
Ion Ratio Lower Upper
178 100
179 17.9 14.2 21.4
176 23.0 17.6 26.4

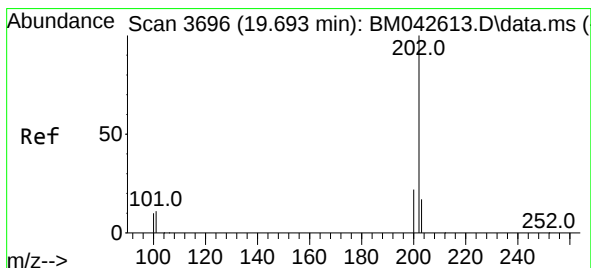
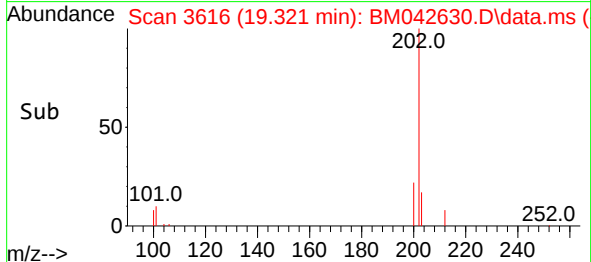
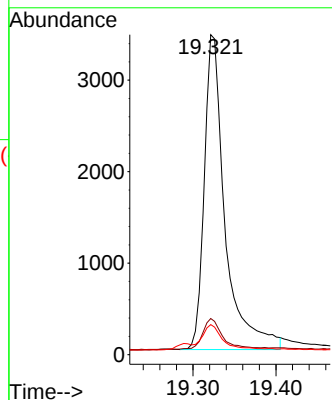
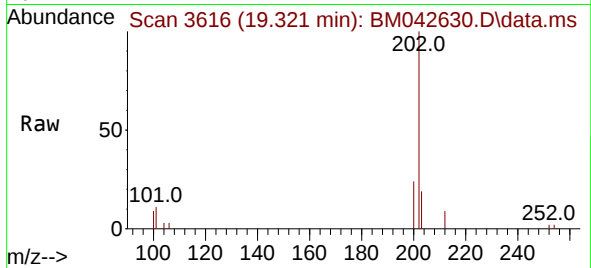




#19
Fluoranthene
Concen: 0.336 ng/ul
RT: 19.321 min Scan# 3616
Delta R.T. -0.008 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

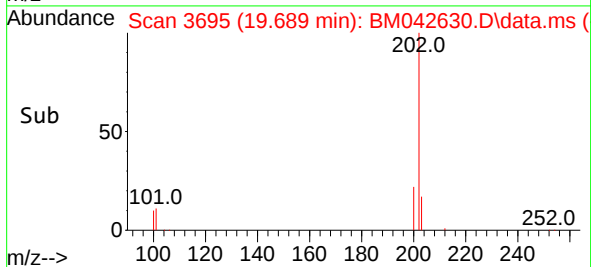
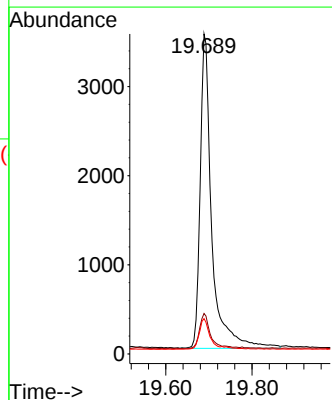
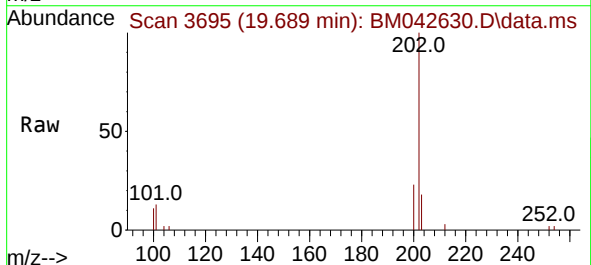
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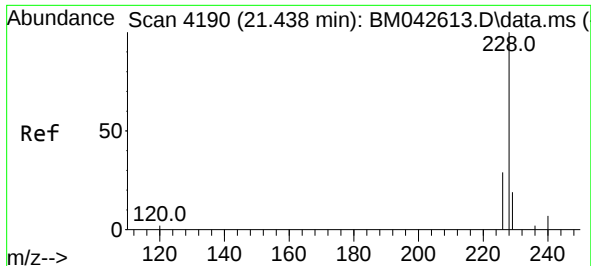
Tgt Ion:202 Resp: 6014
Ion Ratio Lower Upper
202 100
101 11.3 9.0 13.6
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.689 min Scan# 3695
Delta R.T. -0.008 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion:202 Resp: 6581
Ion Ratio Lower Upper
202 100
101 12.6 10.6 16.0
100 11.0 8.6 13.0

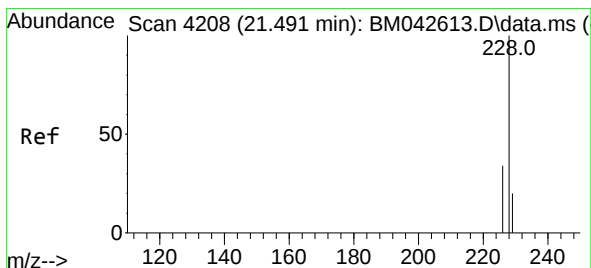
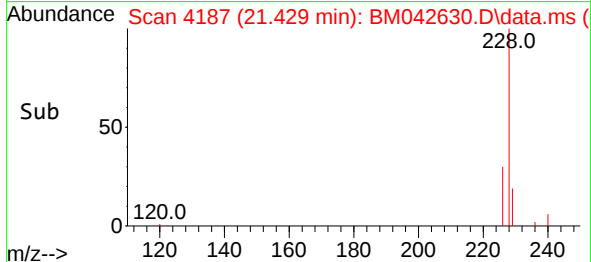
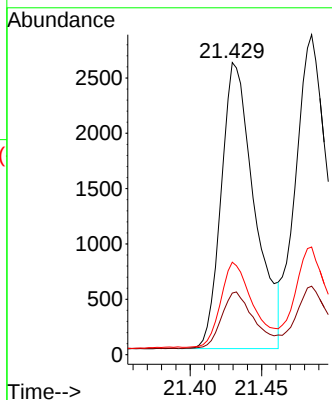
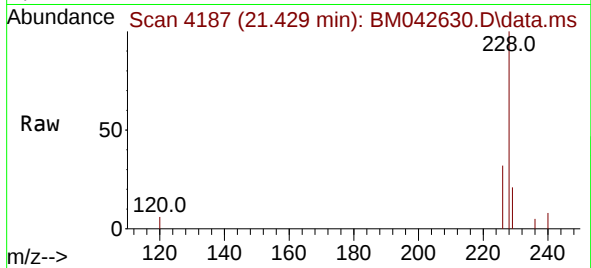




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.429 min Scan# 4190
Delta R.T. -0.007 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

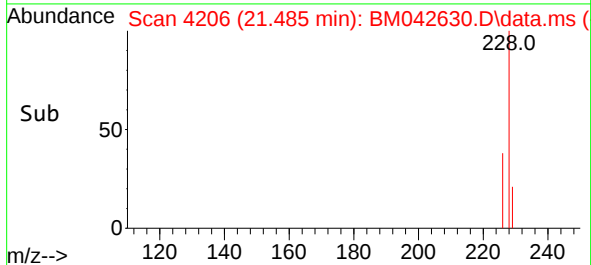
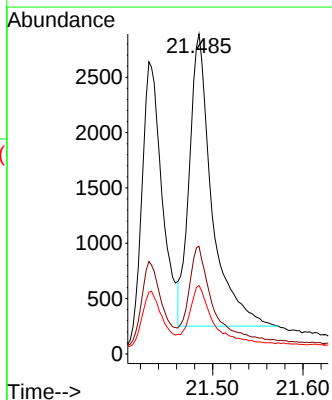
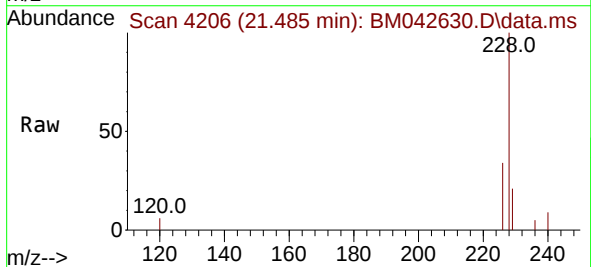
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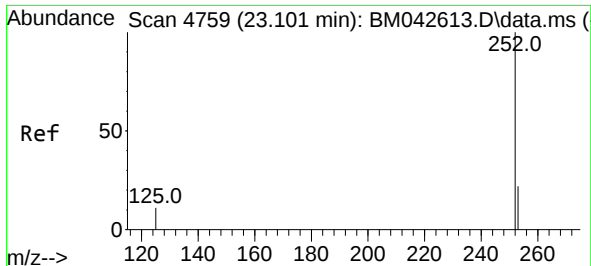
Tgt Ion:228	Resp:	4195
Ion Ratio	Lower	Upper
228	100	
229	21.1	17.0 25.4
226	31.7	25.2 37.8



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.485 min Scan# 4206
Delta R.T. -0.007 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion:228	Resp:	4592
Ion Ratio	Lower	Upper
228	100	
226	33.6	27.4 41.0
229	21.4	17.0 25.6

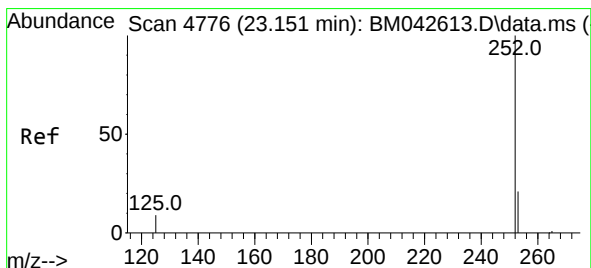
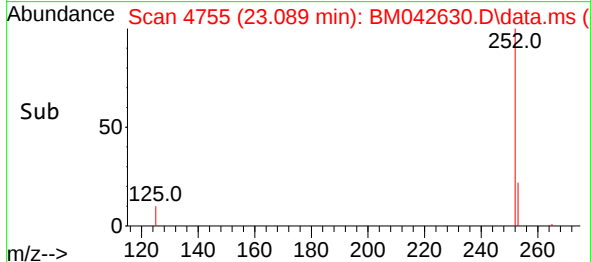
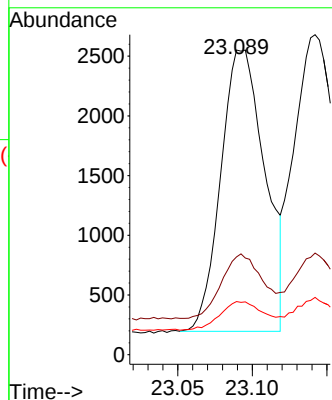
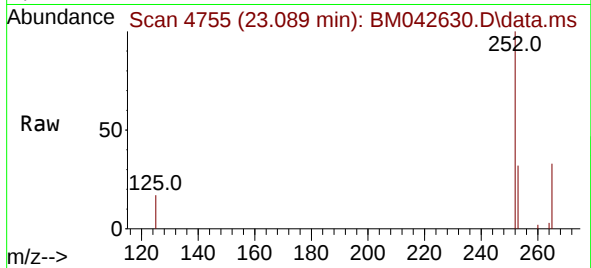




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 23.089 min Scan# 4755
Delta R.T. -0.010 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

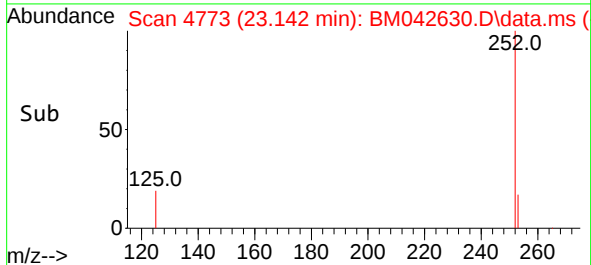
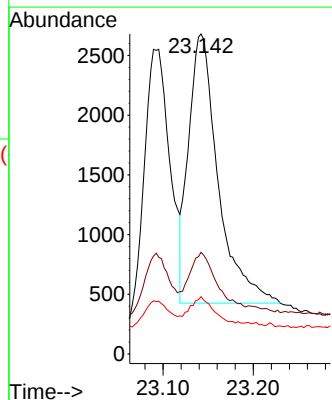
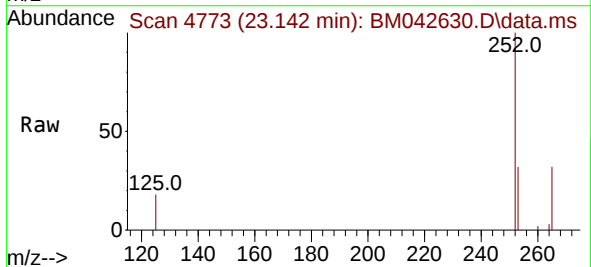
Instrument :
BNA_M
ClientSampleId :
SLCS701

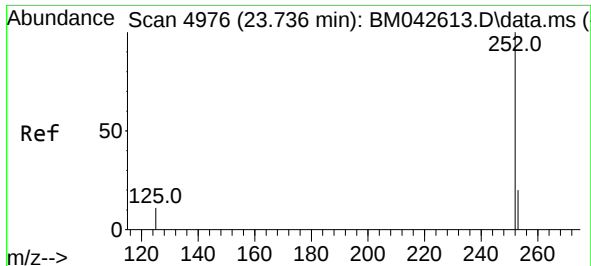
Tgt Ion:252 Resp: 4847
Ion Ratio Lower Upper
252 100
253 32.1 0.0 65.8
125 17.4 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.007 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion:252 Resp: 5130
Ion Ratio Lower Upper
252 100
253 31.8 27.0 40.6
125 17.9 17.5 26.3

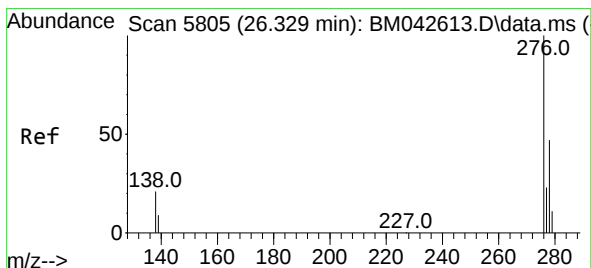
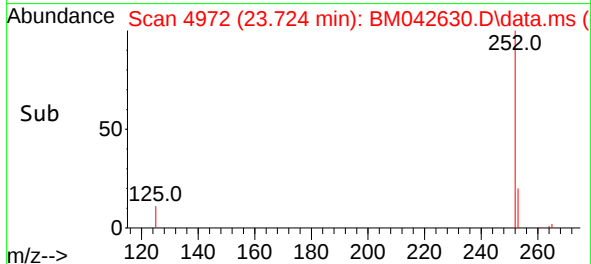
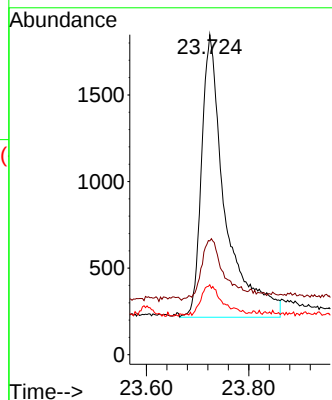
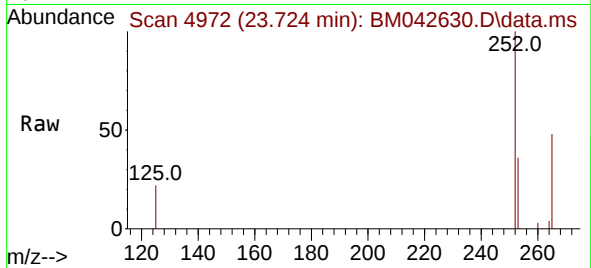




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.724 min Scan# 4976
Delta R.T. -0.010 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

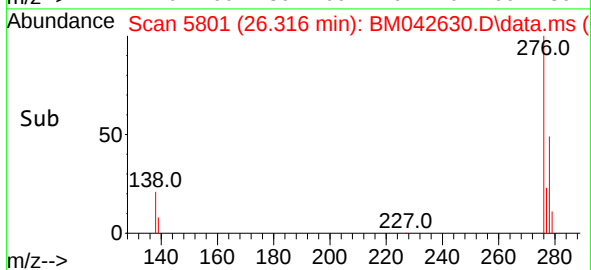
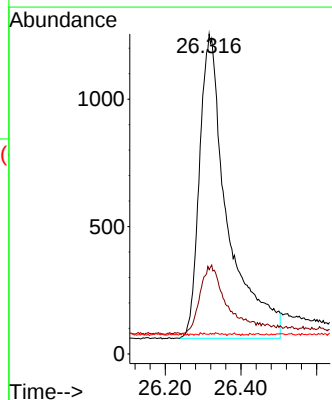
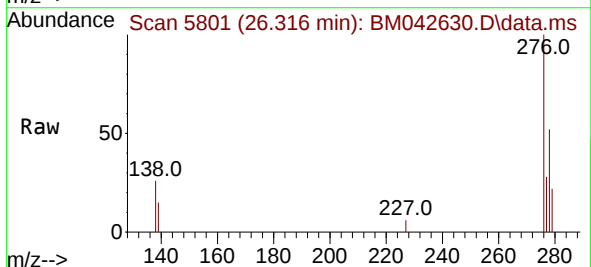
Instrument :
BNA_M
ClientSampleId :
SLCS701

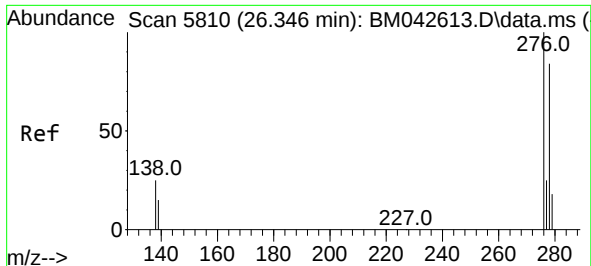
Tgt Ion:252 Resp: 5205
Ion Ratio Lower Upper
252 100
253 35.6 31.7 47.5
125 21.9 22.1 33.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.316 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion:276 Resp: 6126
Ion Ratio Lower Upper
276 100
138 23.9 20.7 31.1
227 0.0 0.1 0.1#

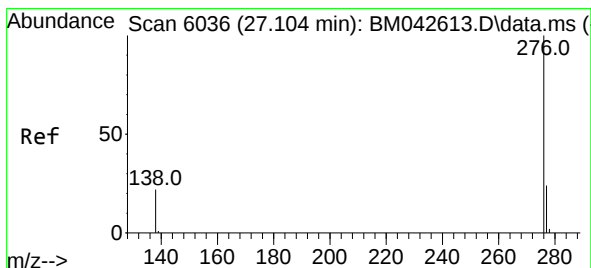
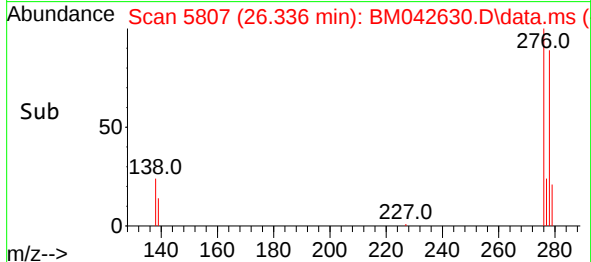
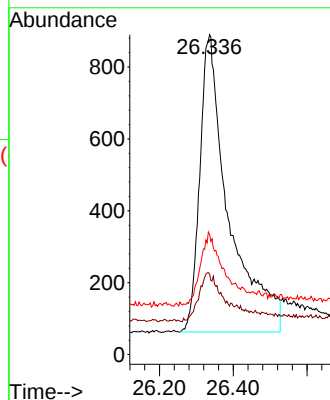
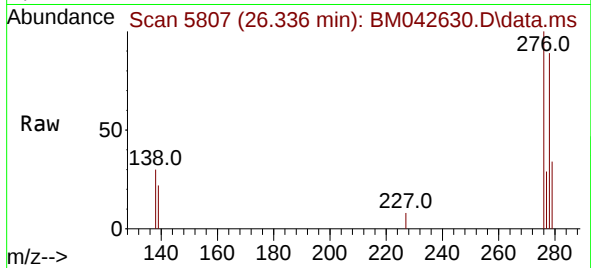




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 26.336 min Scan# 5807
Delta R.T. -0.012 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS701

Tgt Ion:278 Resp: 4514
Ion Ratio Lower Upper
278 100
139 25.2 24.3 36.5
279 37.5 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 27.090 min Scan# 6032
Delta R.T. -0.015 min
Lab File: BM042630.D
Acq: 08 Nov 2023 01:57

Tgt Ion:276 Resp: 5552
Ion Ratio Lower Upper
276 100
138 27.0 22.3 33.5
277 28.5 23.6 35.4

