

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048413.D
 Acq On : 02 Nov 2024 02:34
 Operator : RC/JU
 Sample : PB164517BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS517

Quant Time: Nov 03 21:51:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

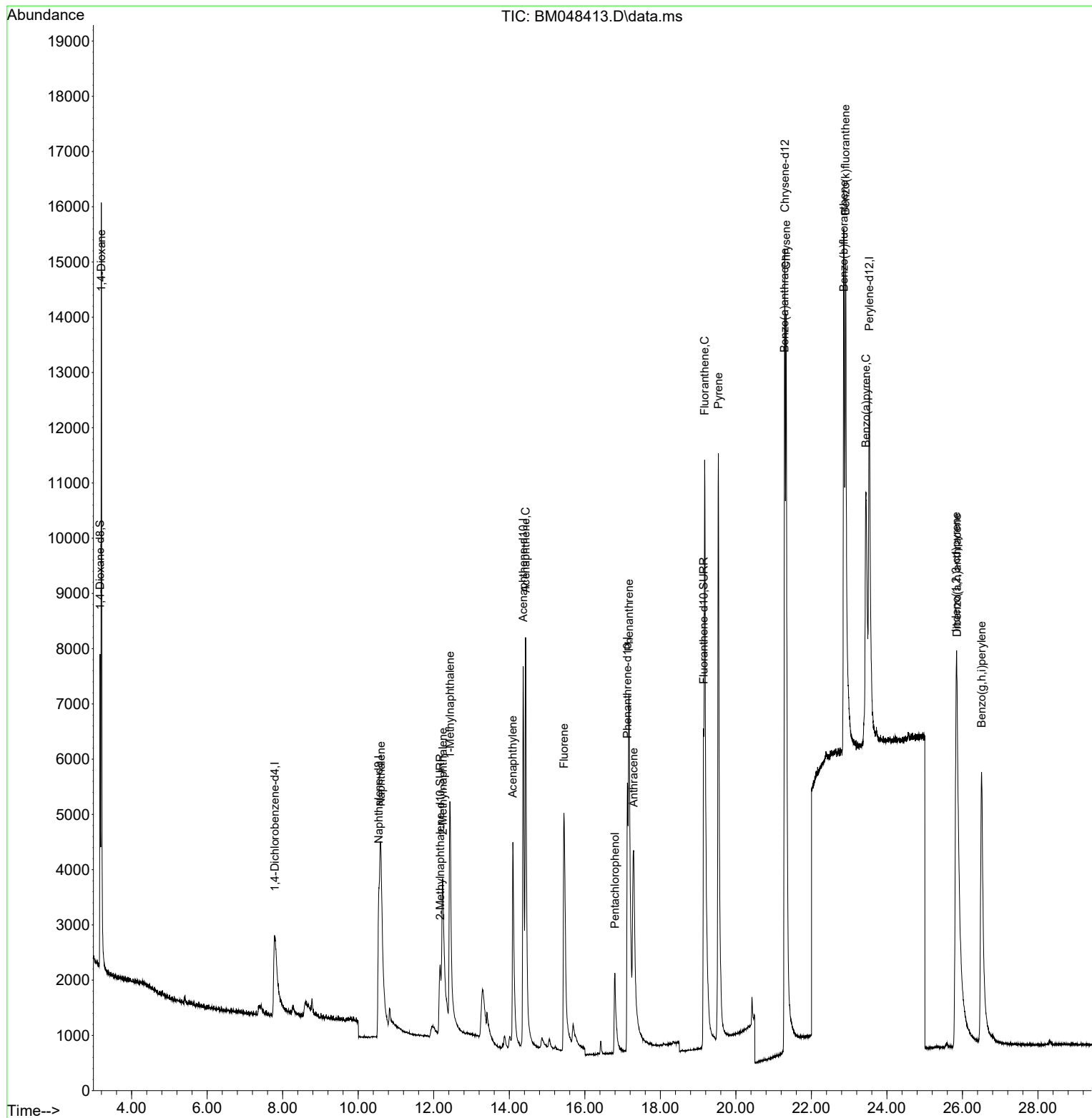
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	2982	0.400	ng/ul	0.04
4) Naphthalene-d8	10.546	136	11575	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.368	164	6879	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.129	188	14538	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	12484	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	12770	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3314	0.905	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	5148	0.350	ng/ul	0.03
18) Fluoranthene-d10	19.146	212	12936	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	9007	2.267	ng/ul#	83
5) Naphthalene	10.601	128	9661	0.319	ng/ul	97
7) 2-Methylnaphthalene	12.240	142	5371	0.298	ng/ul	97
8) 1-Methylnaphthalene	12.432	142	6473	0.337	ng/ul	98
10) Acenaphthylene	14.095	152	8485	0.319	ng/ul	98
11) Acenaphthene	14.433	153	7117	0.334	ng/ul	98
12) Fluorene	15.446	166	7673	0.324	ng/ul	98
14) Pentachlorophenol	16.795	266	2381	0.588	ng/ul	94
15) Phenanthrene	17.171	178	11378	0.315	ng/ul	99
16) Anthracene	17.289	178	10156	0.300	ng/ul	98
19) Fluoranthene	19.174	202	15906	0.370	ng/ul	98
20) Pyrene	19.537	202	17071	0.370	ng/ul	99
21) Benzo(a)anthracene	21.286	228	11686	0.312	ng/ul	100
22) Chrysene	21.330	228	19514	0.379	ng/ul	99
24) Benzo(b)fluoranthene	22.858	252	14626	0.335	ng/ul	100
25) Benzo(k)fluoranthene	22.905	252	19323	0.374	ng/ul	100
26) Benzo(a)pyrene	23.446	252	14372	0.351	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.833	276	18851	0.329	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.856	278	14553	0.326	ng/ul	97
29) Benzo(g,h,i)perylene	26.507	276	16420	0.340	ng/ul	99

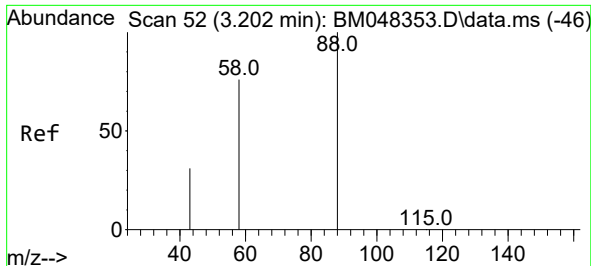
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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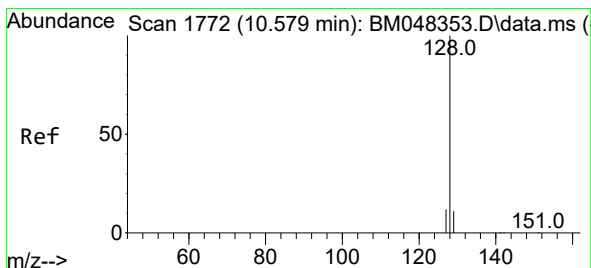
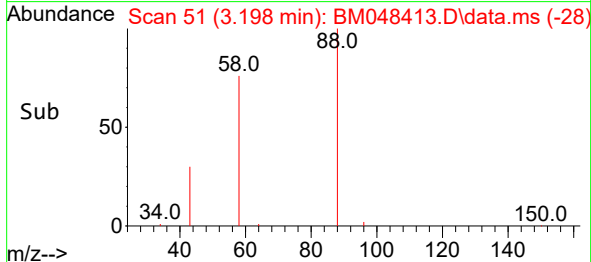
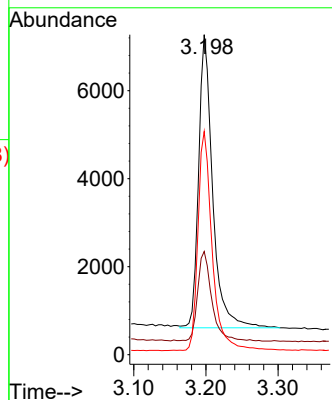
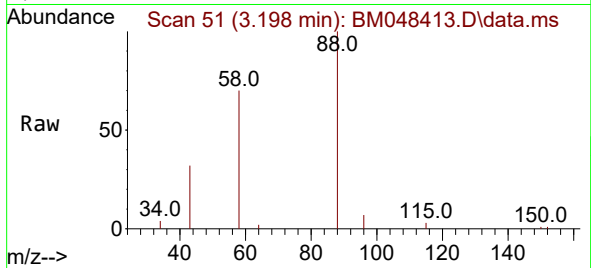




#2
1,4-Dioxane
Concen: 2.267 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

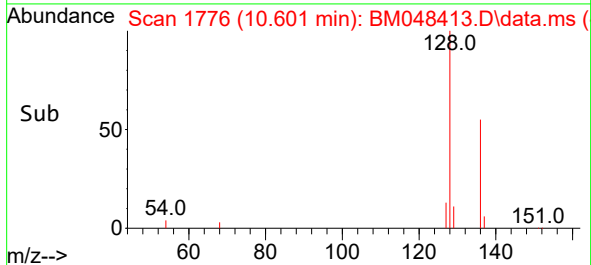
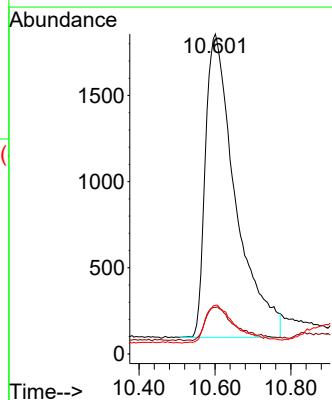
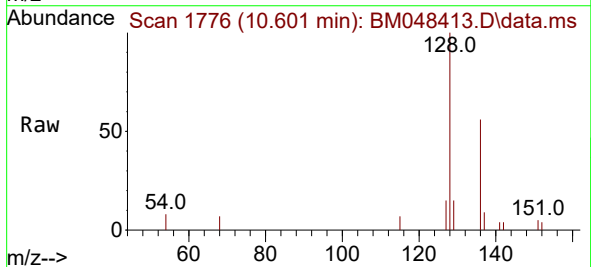
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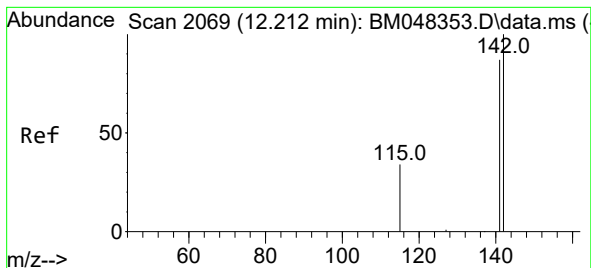
Tgt Ion: 88 Resp: 9007
Ion Ratio Lower Upper
88 100
43 32.3 36.2 54.4#
58 69.7 47.4 71.0



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. 0.022 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion: 128 Resp: 9661
Ion Ratio Lower Upper
128 100
129 14.5 10.6 15.8
127 15.2 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.298 ng/ul

RT: 12.240 min Scan# 2069

Delta R.T. 0.028 min

Lab File: BM048413.D

Acq: 02 Nov 2024 02:34

Instrument :

BNA_M

ClientSampleId :

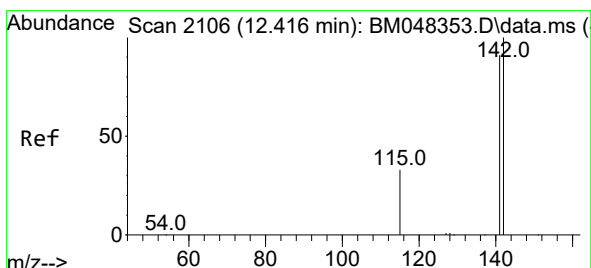
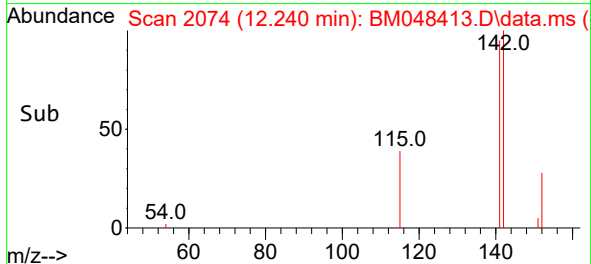
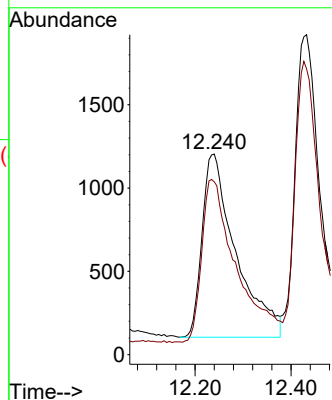
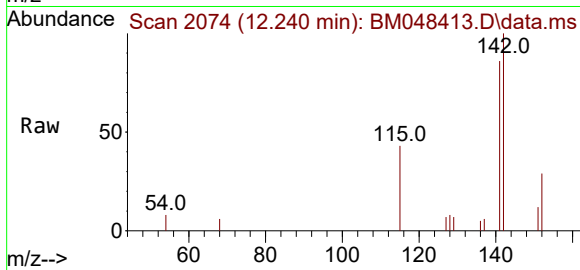
SLCS517

Tgt Ion:142 Resp: 5371

Ion Ratio Lower Upper

142 100

141 92.6 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.337 ng/ul

RT: 12.432 min Scan# 2109

Delta R.T. 0.017 min

Lab File: BM048413.D

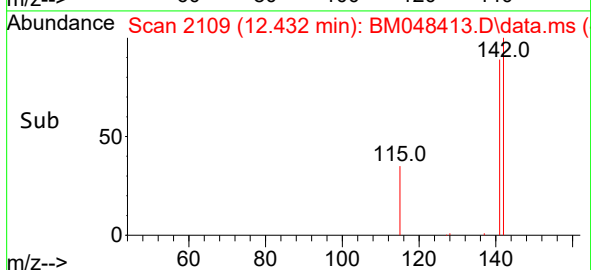
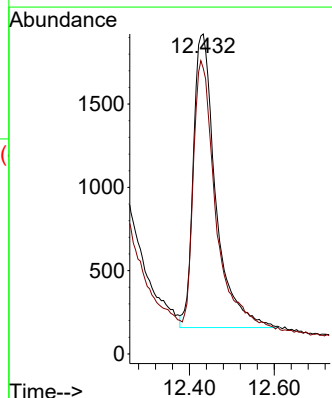
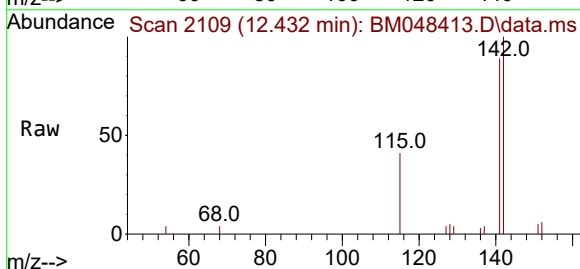
Acq: 02 Nov 2024 02:34

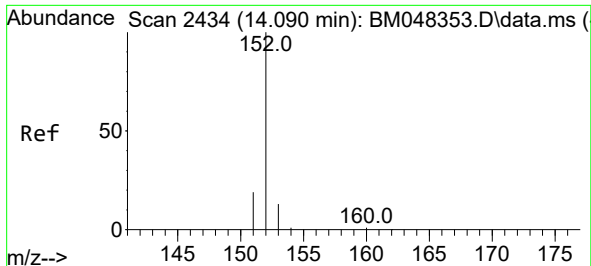
Tgt Ion:142 Resp: 6473

Ion Ratio Lower Upper

142 100

141 92.4 75.5 113.3

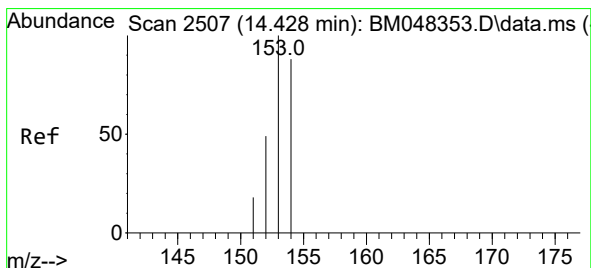
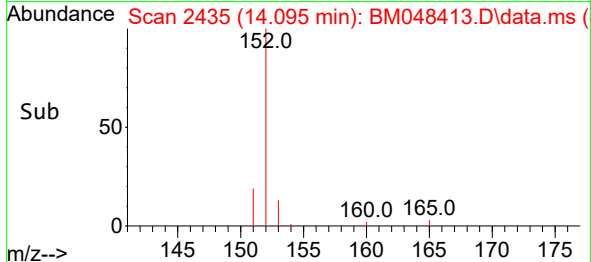
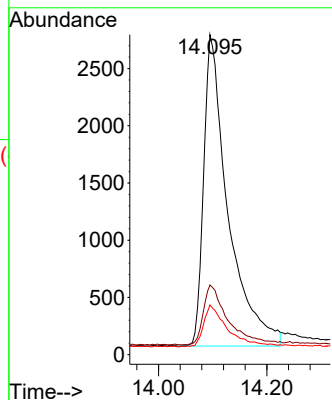
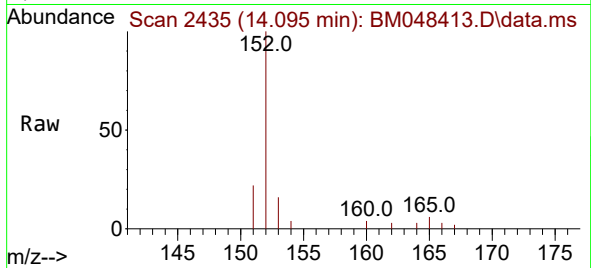




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.095 min Scan# 2434
Delta R.T. 0.005 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

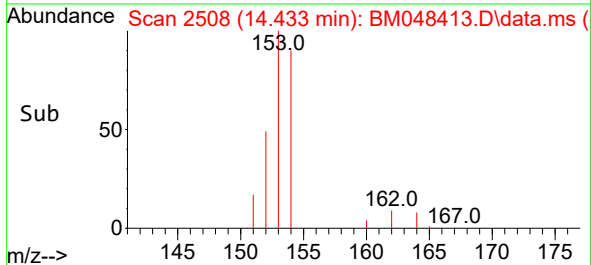
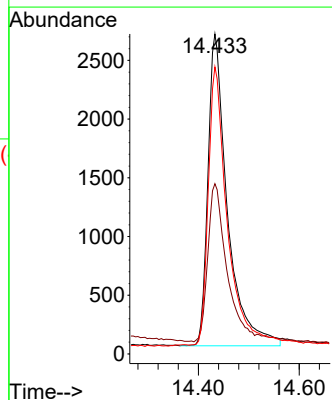
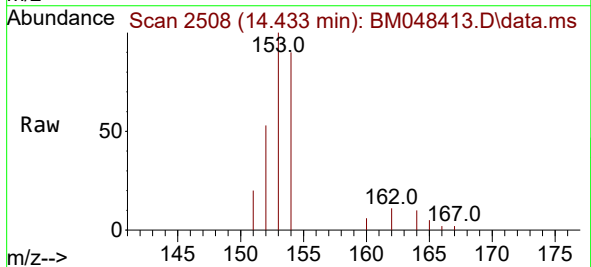
Instrument :
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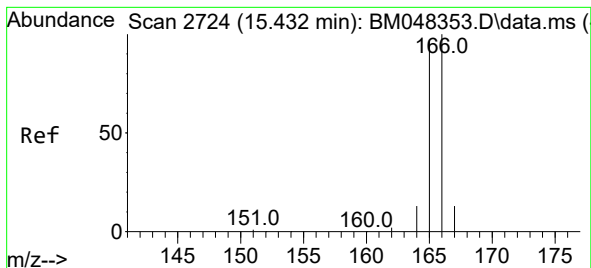
Tgt Ion:152 Resp: 8485
Ion Ratio Lower Upper
152 100
151 21.8 16.6 24.8
153 15.6 11.8 17.6



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.433 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:153 Resp: 7117
Ion Ratio Lower Upper
153 100
152 53.2 40.7 61.1
154 89.7 70.6 106.0





#12

Fluorene

Concen: 0.324 ng/ul

RT: 15.446 min Scan# 21

Delta R.T. 0.014 min

Lab File: BM048413.D

Acq: 02 Nov 2024 02:34

Instrument :

BNA_M

ClientSampleId :

SLCS517

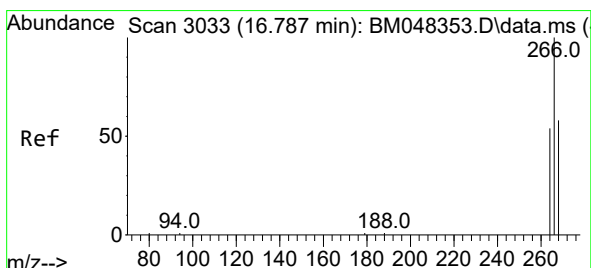
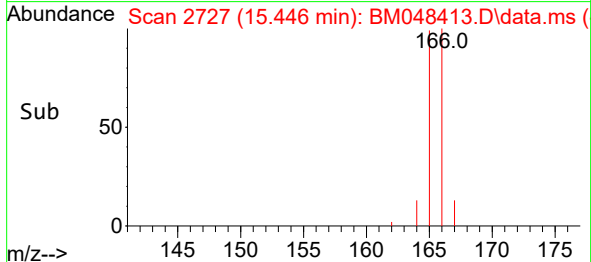
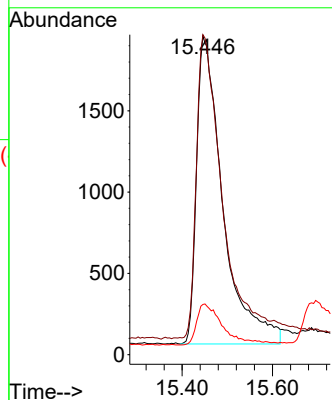
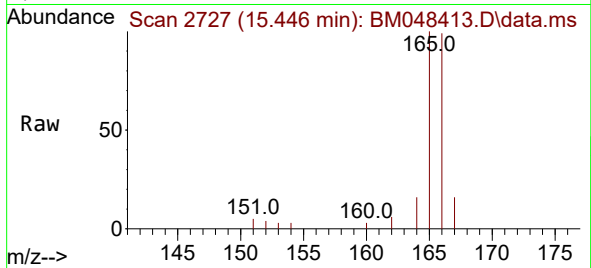
Tgt Ion:166 Resp: 7673

Ion Ratio Lower Upper

166 100

165 100.5 78.6 118.0

167 15.8 12.1 18.1



#14

Pentachlorophenol

Concen: 0.588 ng/ul

RT: 16.795 min Scan# 3035

Delta R.T. 0.009 min

Lab File: BM048413.D

Acq: 02 Nov 2024 02:34

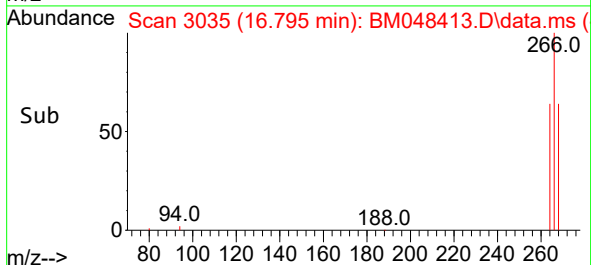
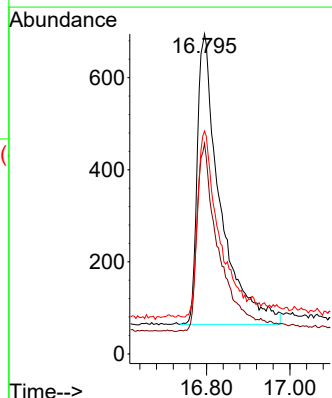
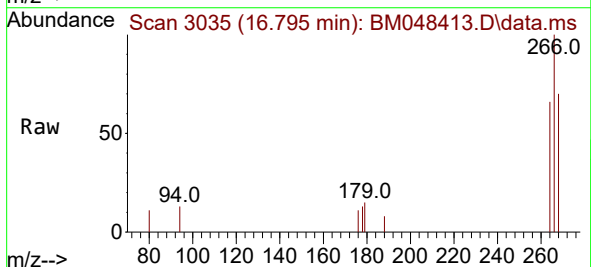
Tgt Ion:266 Resp: 2381

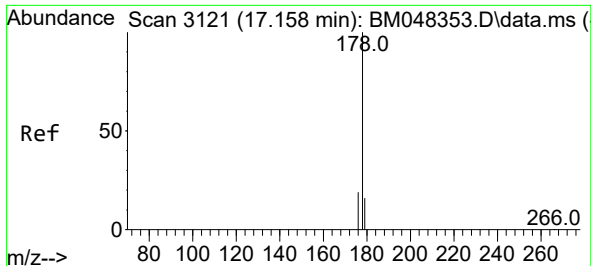
Ion Ratio Lower Upper

266 100

264 62.7 48.3 72.5

268 65.2 46.2 69.4

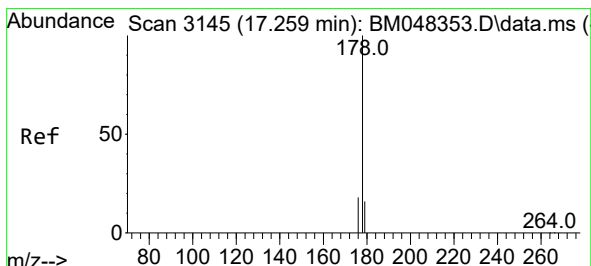
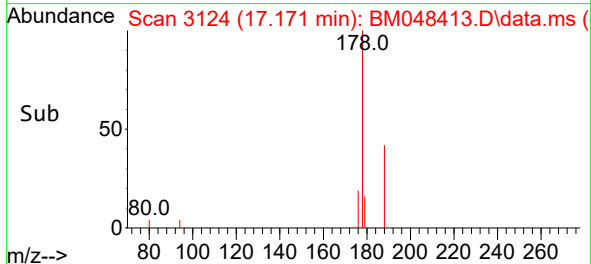
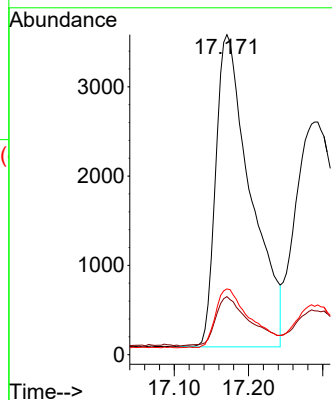
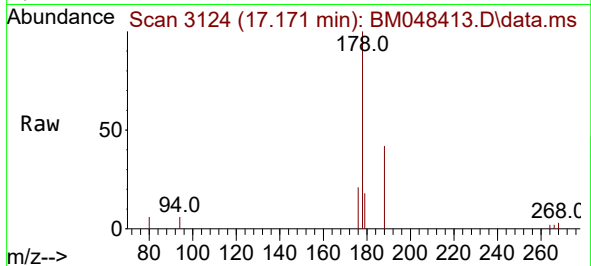




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 17.171 min Scan# 3124
Delta R.T. 0.013 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

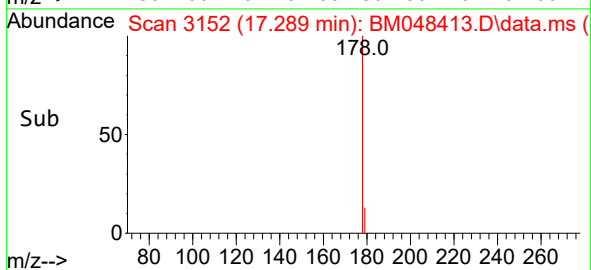
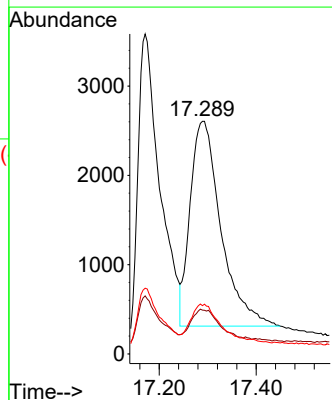
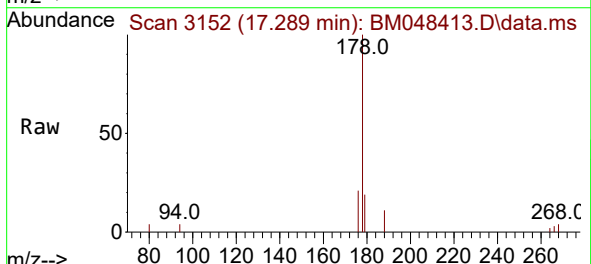
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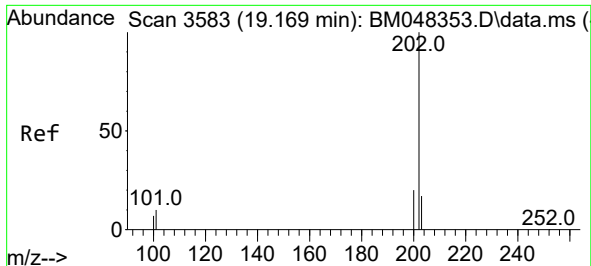
Tgt Ion:178 Resp: 11378
Ion Ratio Lower Upper
178 100
179 18.1 13.9 20.9
176 20.5 16.0 24.0



#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.289 min Scan# 3152
Delta R.T. 0.030 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:178 Resp: 10156
Ion Ratio Lower Upper
178 100
179 18.8 14.2 21.2
176 20.7 15.8 23.6

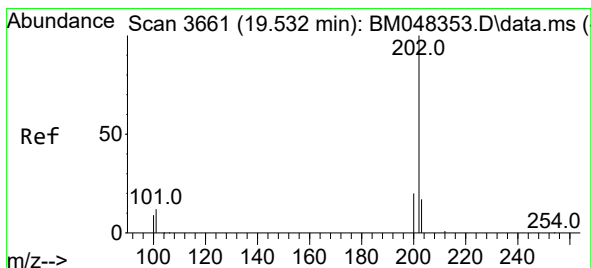
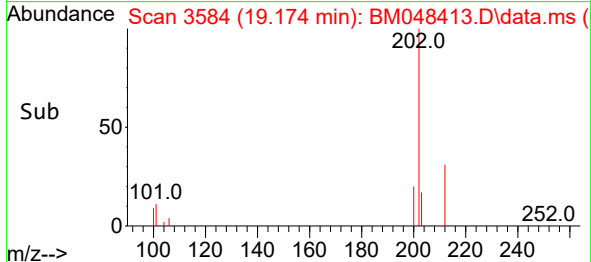
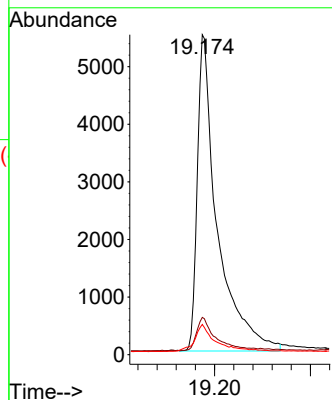
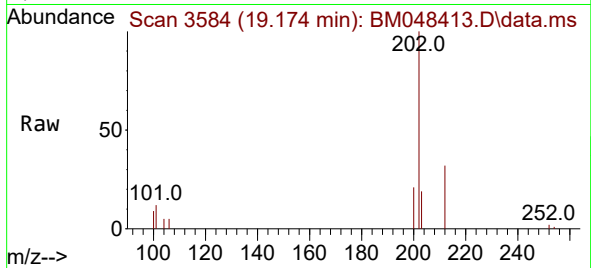




#19
Fluoranthene
Concen: 0.370 ng/ul
RT: 19.174 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

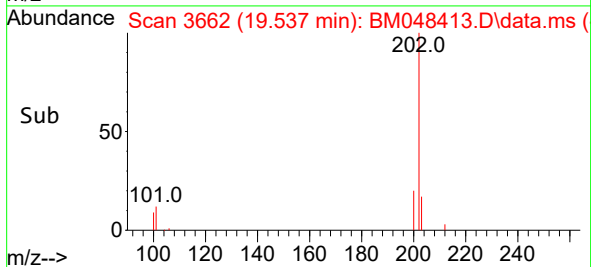
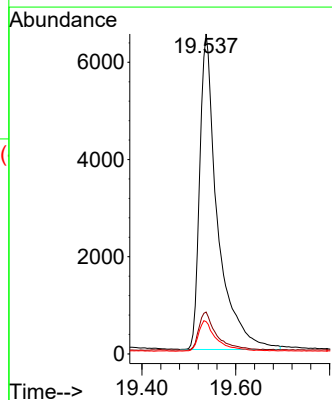
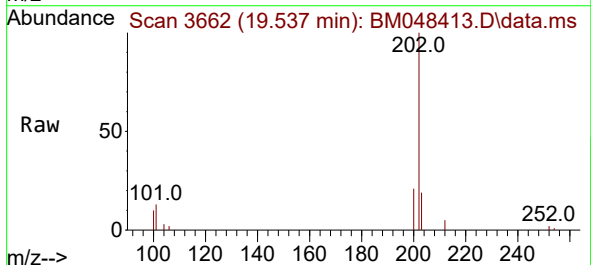
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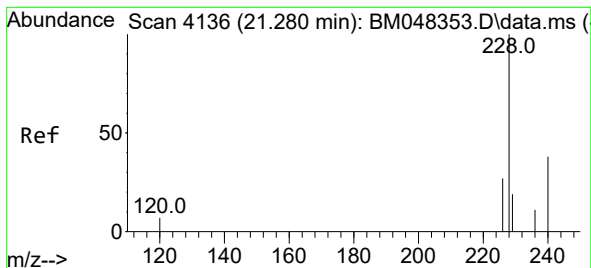
Tgt Ion:202 Resp: 15906
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.4
100 9.4 6.6 10.0



#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.537 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:202 Resp: 17071
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.1 8.0 12.0





#21

Benzo(a)anthracene

Concen: 0.312 ng/ul

RT: 21.286 min Scan# 4138

Delta R.T. 0.006 min

Lab File: BM048413.D

Acq: 02 Nov 2024 02:34

Instrument :

BNA_M

ClientSampleId :

SLCS517

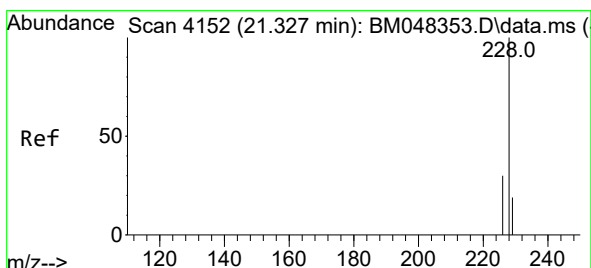
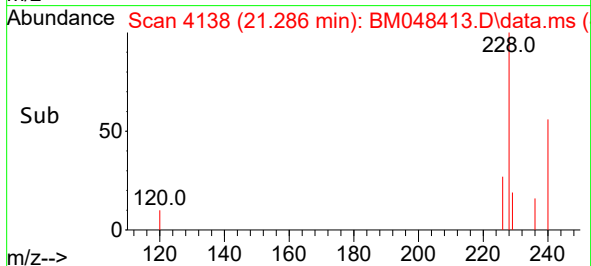
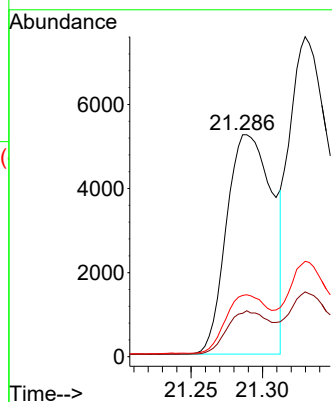
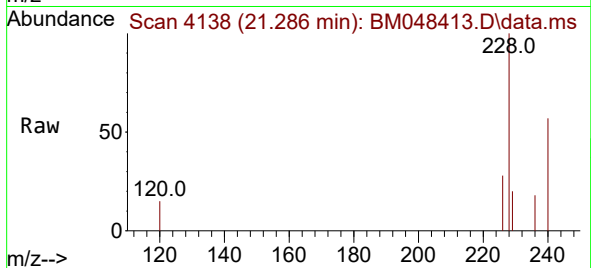
Tgt Ion:228 Resp: 11686

Ion Ratio Lower Upper

228 100

229 19.6 15.9 23.9

226 27.6 22.1 33.1



#22

Chrysene

Concen: 0.379 ng/ul

RT: 21.330 min Scan# 4153

Delta R.T. 0.003 min

Lab File: BM048413.D

Acq: 02 Nov 2024 02:34

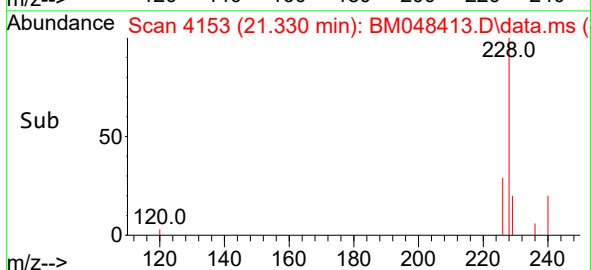
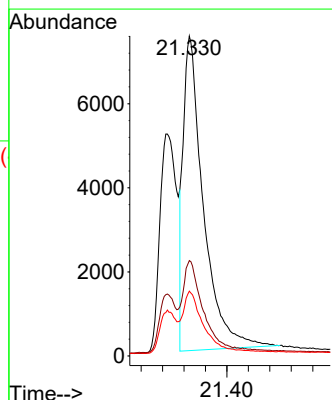
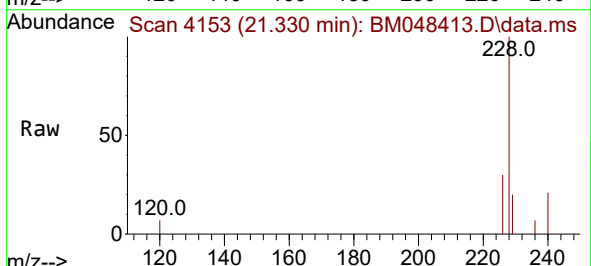
Tgt Ion:228 Resp: 19514

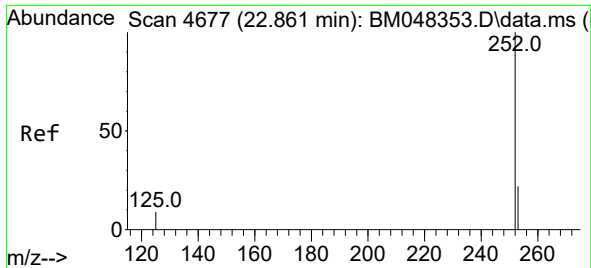
Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 20.2 15.9 23.9

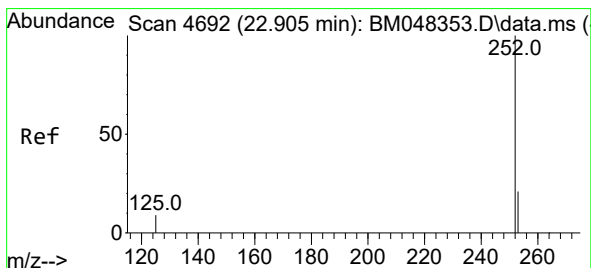
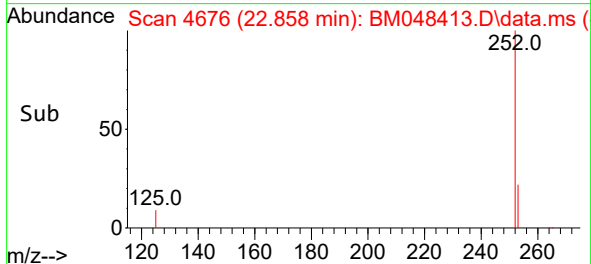
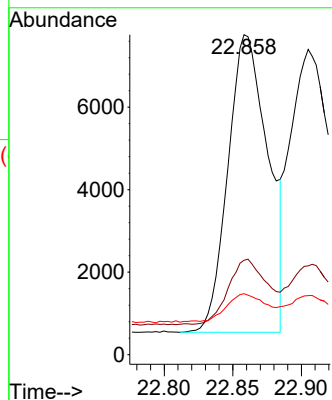
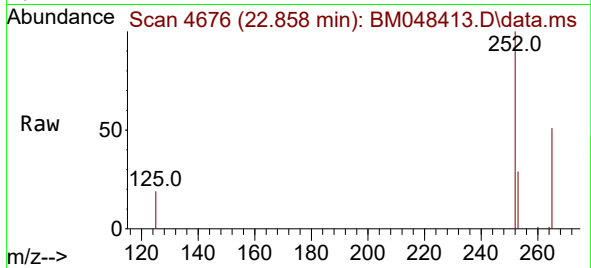




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 22.858 min Scan# 4676
Delta R.T. -0.003 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

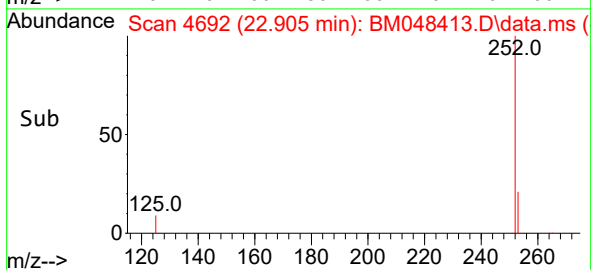
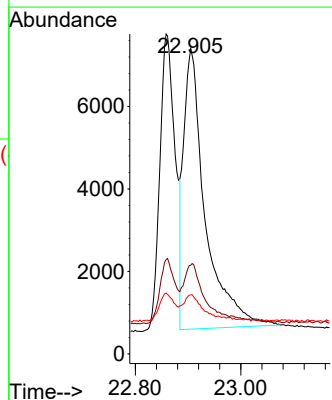
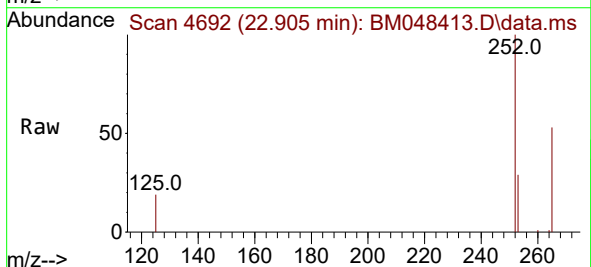
Instrument :
BNA_M
ClientSampleId :
SLCS517

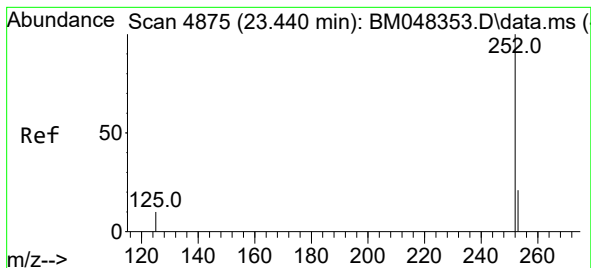
Tgt Ion:252 Resp: 14626
Ion Ratio Lower Upper
252 100
253 29.5 0.0 59.4
125 19.0 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 22.905 min Scan# 4692
Delta R.T. 0.000 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:252 Resp: 19323
Ion Ratio Lower Upper
252 100
253 29.1 23.4 35.0
125 19.3 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.351 ng/ul

RT: 23.446 min Scan# 4875

Delta R.T. 0.006 min

Lab File: BM048413.D

Acq: 02 Nov 2024 02:34

Instrument :

BNA_M

ClientSampleId :

SLCS517

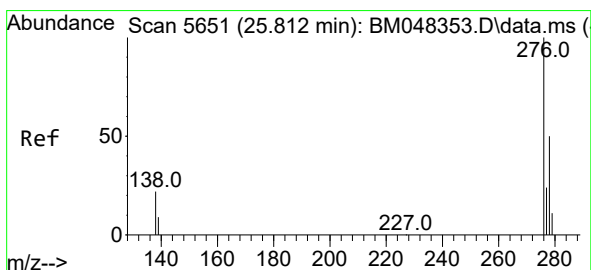
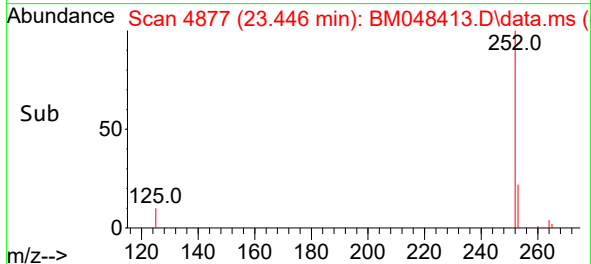
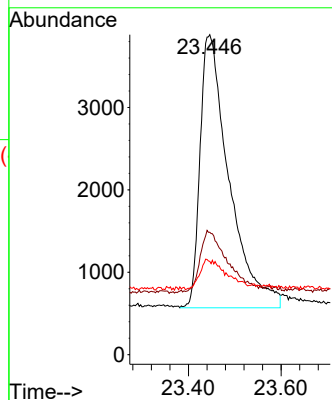
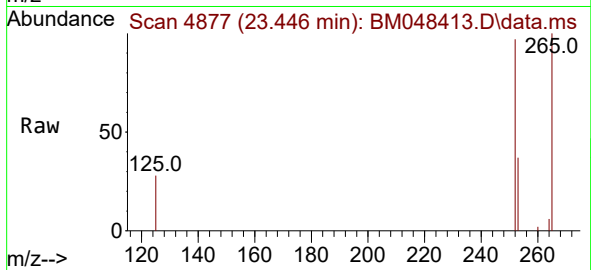
Tgt Ion:252 Resp: 14372

Ion Ratio Lower Upper

252 100

253 38.3 27.7 41.5

125 29.2 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.329 ng/ul

RT: 25.833 min Scan# 5657

Delta R.T. 0.020 min

Lab File: BM048413.D

Acq: 02 Nov 2024 02:34

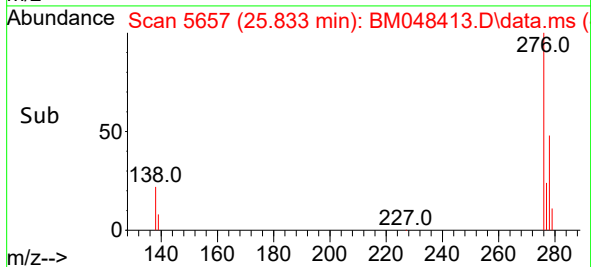
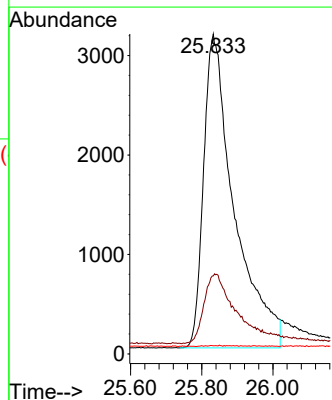
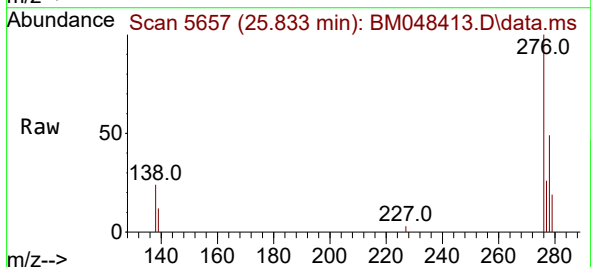
Tgt Ion:276 Resp: 18851

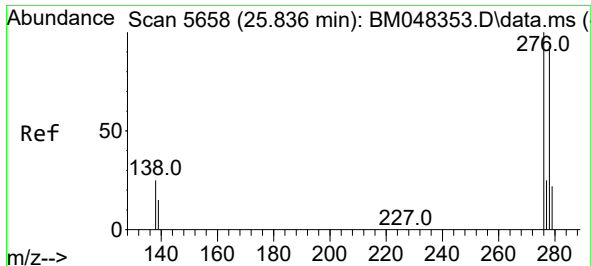
Ion Ratio Lower Upper

276 100

138 23.8 19.6 29.4

227 0.0 0.1 0.1#

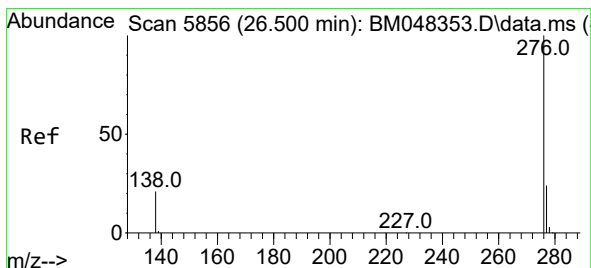
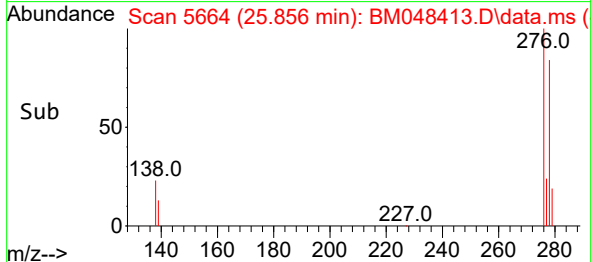
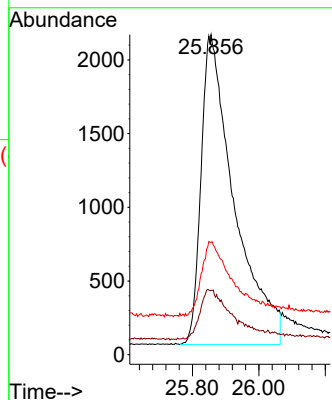
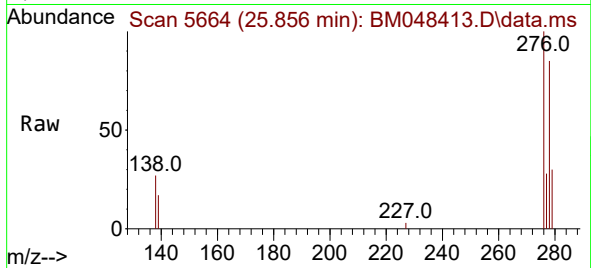




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 25.856 min Scan# 5664
Delta R.T. 0.020 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:278 Resp: 14553
Ion Ratio Lower Upper
278 100
139 20.1 15.6 23.4
279 35.1 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 26.507 min Scan# 5858
Delta R.T. 0.007 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:276 Resp: 16420
Ion Ratio Lower Upper
276 100
138 24.2 19.0 28.6
277 26.3 20.6 31.0

