

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046913.D
 Acq On : 30 Jul 2024 09:48
 Operator : MA/JU
 Sample : PB162176BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS176

Quant Time: Jul 30 10:57:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

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

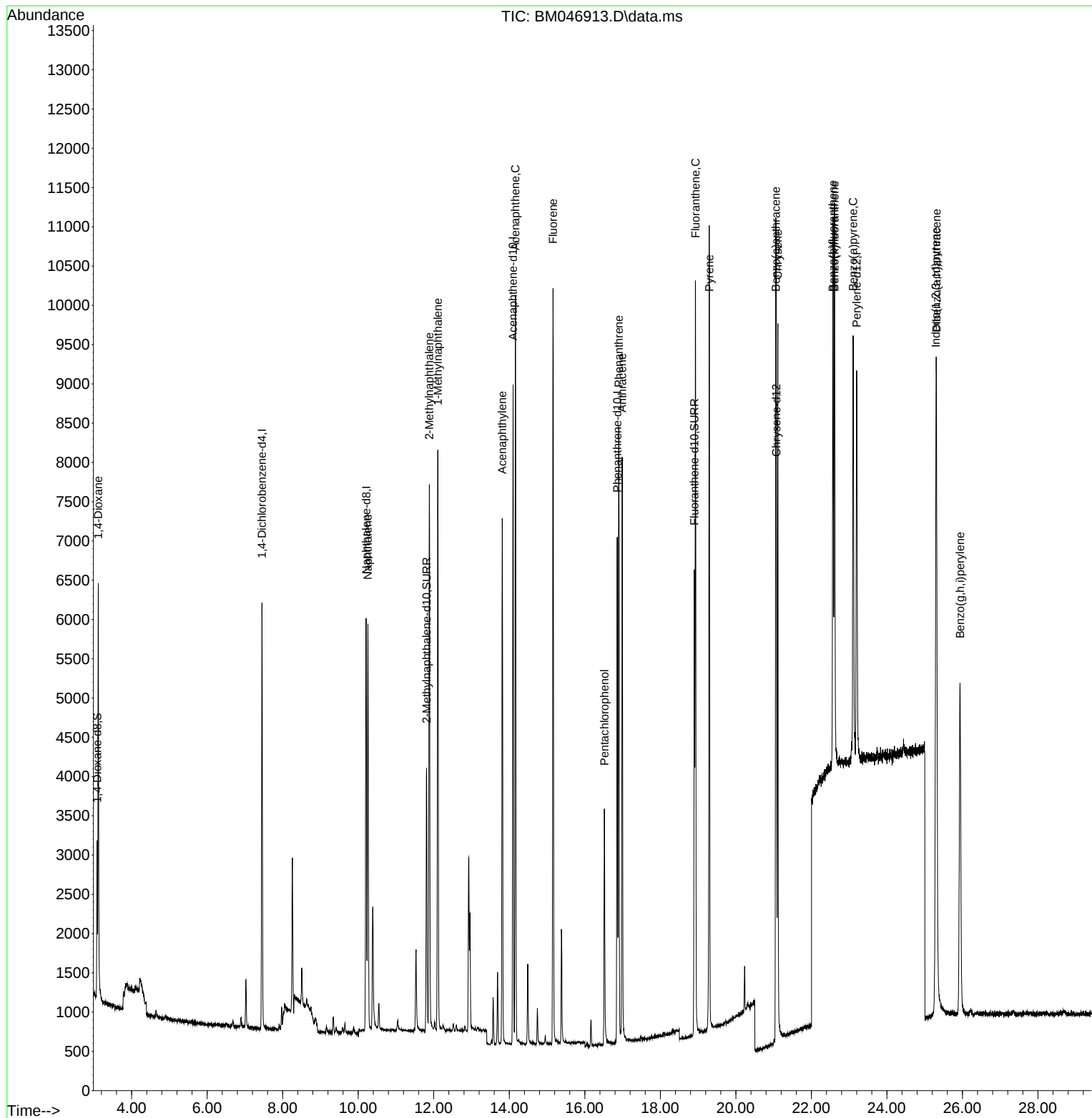
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2706	0.400	ng/ul	0.00
4) Naphthalene-d8	10.211	136	7538	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.100	164	4437	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	8191	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	5554	0.400	ng/ul	0.00
23) Perylene-d12	23.200	264	6355	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	1151	0.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.811	152	4534	0.378	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	7135	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.117	88	3348	1.544	ng/ul#	86
5) Naphthalene	10.255	128	7095	0.372	ng/ul	98
7) 2-Methylnaphthalene	11.882	142	4965	0.378	ng/ul	99
8) 1-Methylnaphthalene	12.108	142	4982	0.368	ng/ul	100
10) Acenaphthylene	13.813	152	7513	0.370	ng/ul	100
11) Acenaphthene	14.164	153	5398	0.391	ng/ul	99
12) Fluorene	15.159	166	5961	0.346	ng/ul	100
14) Pentachlorophenol	16.521	266	2116	0.571	ng/ul	98
15) Phenanthrene	16.901	178	8396	0.357	ng/ul	98
16) Anthracene	16.989	178	7887	0.360	ng/ul	100
19) Fluoranthene	18.932	202	9072	0.372	ng/ul	98
20) Pyrene	19.295	202	9291	0.368	ng/ul	99
21) Benzo(a)anthracene	21.058	228	8075	0.349	ng/ul	99
22) Chrysene	21.111	228	7996	0.340	ng/ul	99
24) Benzo(b)fluoranthene	22.572	252	8624	0.309	ng/ul	96
25) Benzo(k)fluoranthene	22.612	252	8781	0.312	ng/ul	99
26) Benzo(a)pyrene	23.107	252	7992	0.399	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.299	276	11112	0.360	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.313	278	8563	0.379	ng/ul	99
29) Benzo(g,h,i)perylene	25.936	276	8766	0.323	ng/ul	98

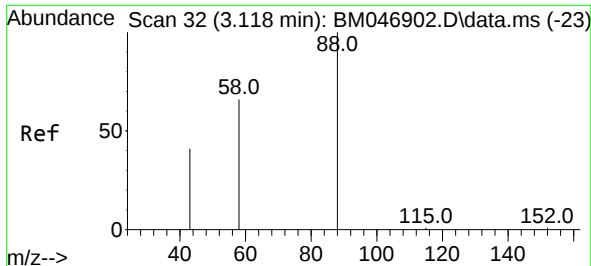
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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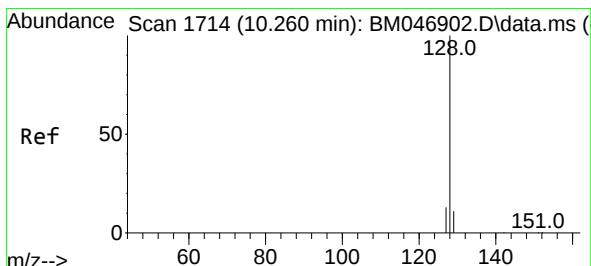
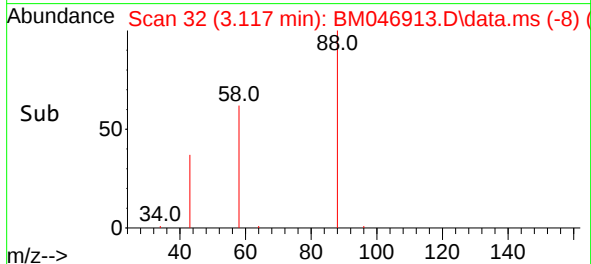
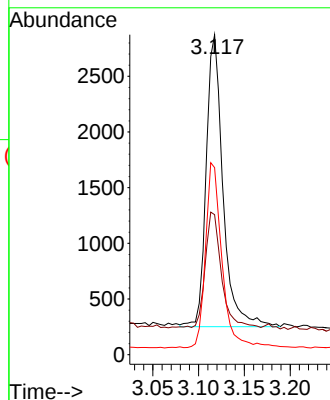
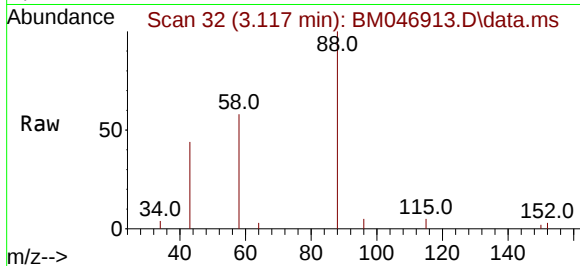




#2
1,4-Dioxane
Concen: 1.544 ng/ul
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

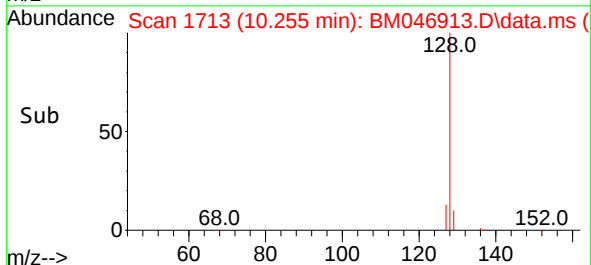
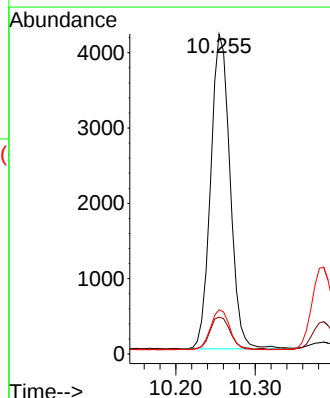
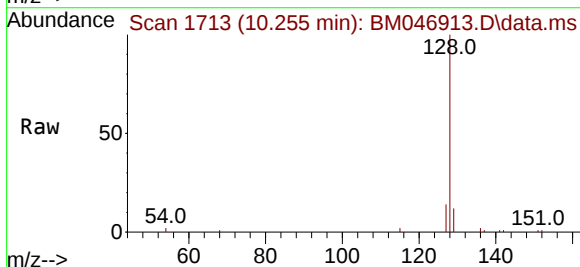
Instrument :
BNA_M
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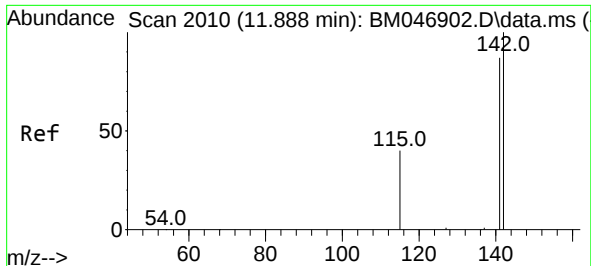
Tgt Ion: 88 Resp: 3348
Ion Ratio Lower Upper
88 100
43 43.8 42.1 63.1
58 58.5 38.3 57.5#



#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.255 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Tgt Ion: 128 Resp: 7095
Ion Ratio Lower Upper
128 100
129 11.5 10.1 15.1
127 13.8 11.5 17.3

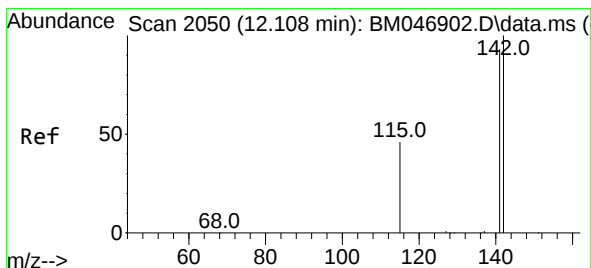
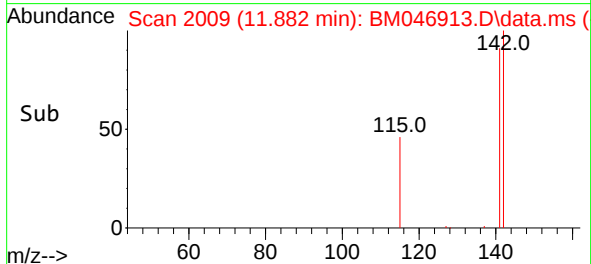
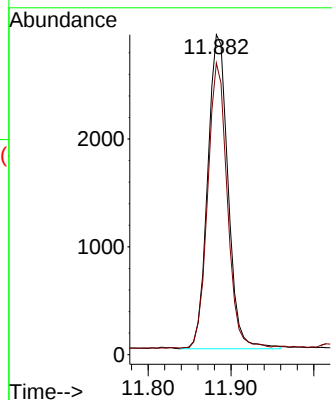
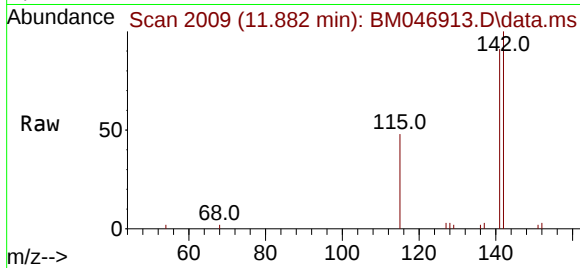




#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 11.882 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

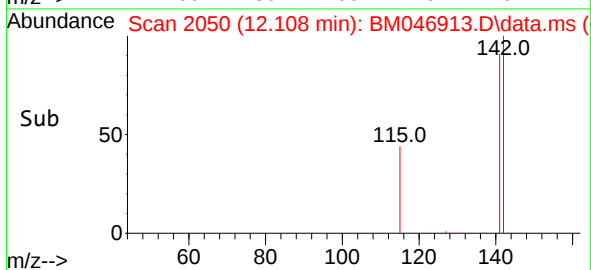
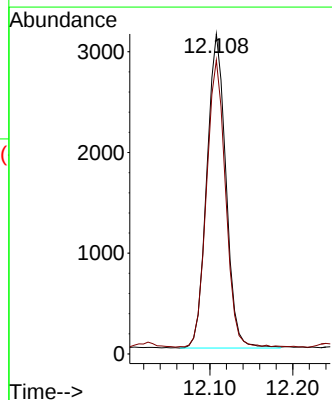
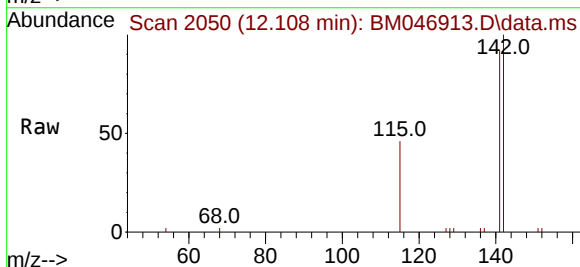
Instrument :
BNA_M
ClientSampleId :
SLCS176

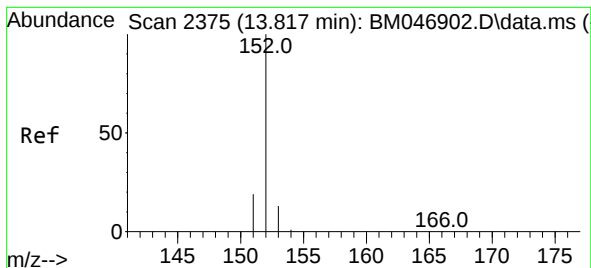
Tgt Ion:142 Resp: 4965
Ion Ratio Lower Upper
142 100
141 87.0 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.108 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Tgt Ion:142 Resp: 4982
Ion Ratio Lower Upper
142 100
141 91.2 73.1 109.7





#10

Acenaphthylene

Concen: 0.370 ng/ul

RT: 13.813 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM046913.D

Acq: 30 Jul 2024 09:48

Instrument :

BNA_M

ClientSampleId :

SLCS176

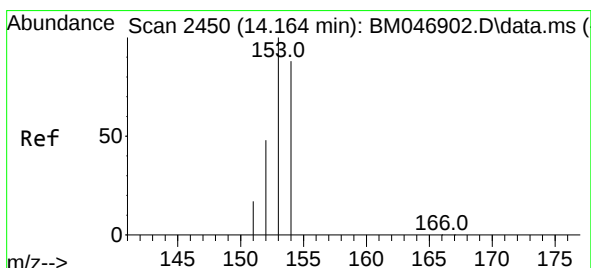
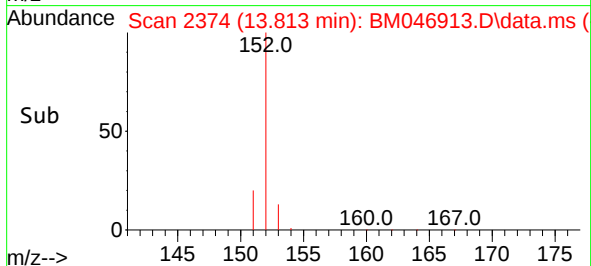
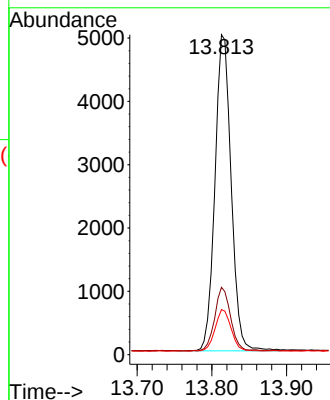
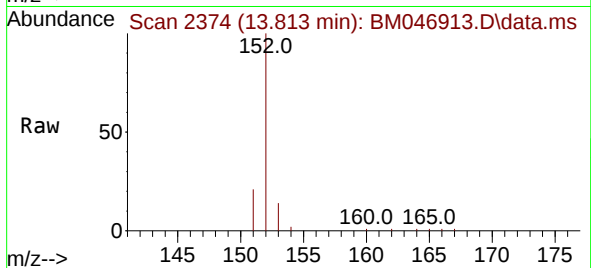
Tgt Ion:152 Resp: 7513

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 14.1 11.0 16.6



#11

Acenaphthene

Concen: 0.391 ng/ul

RT: 14.164 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BM046913.D

Acq: 30 Jul 2024 09:48

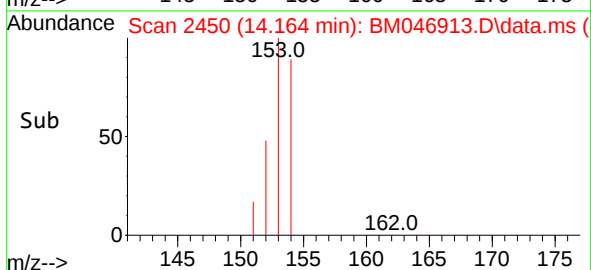
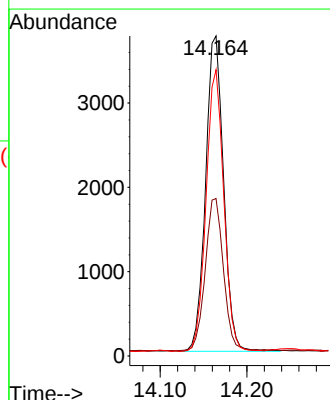
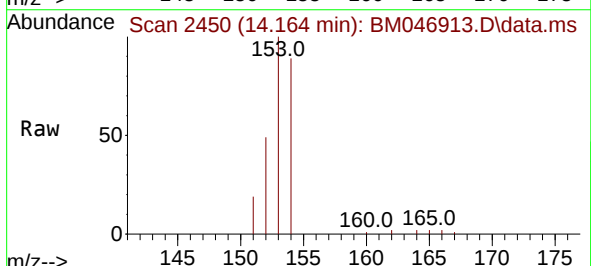
Tgt Ion:153 Resp: 5398

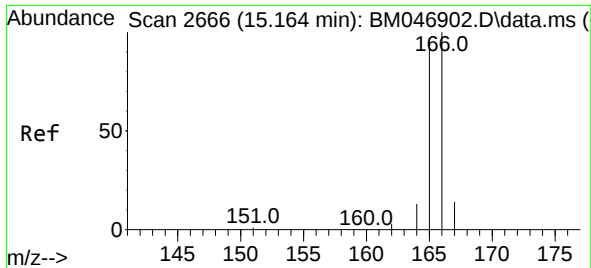
Ion Ratio Lower Upper

153 100

152 49.2 38.6 57.8

154 89.4 70.8 106.2

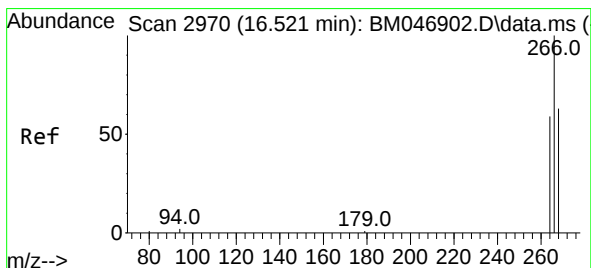
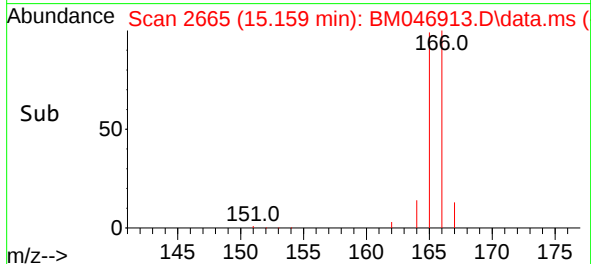
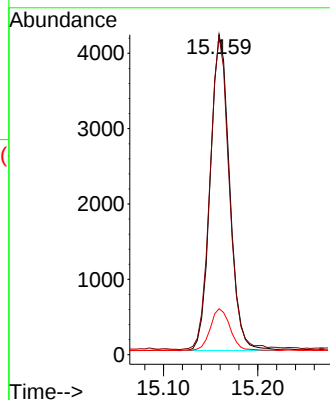
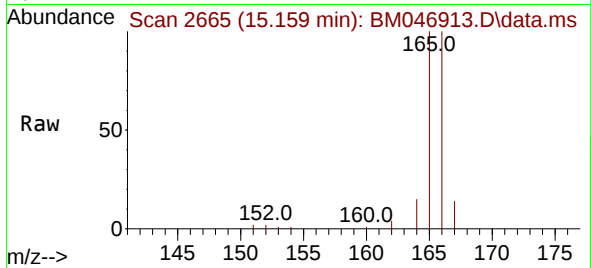




#12
 Fluorene
 Concen: 0.346 ng/ul
 RT: 15.159 min Scan# 2
 Delta R.T. -0.005 min
 Lab File: BM046913.D
 Acq: 30 Jul 2024 09:48

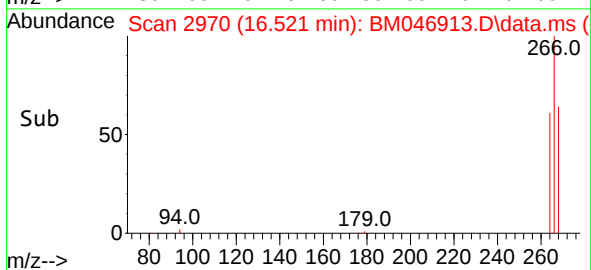
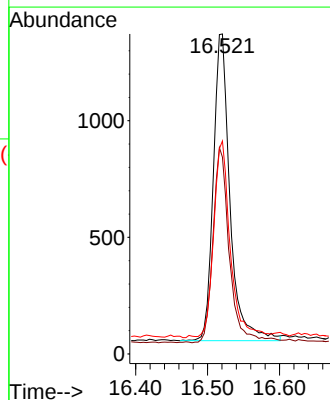
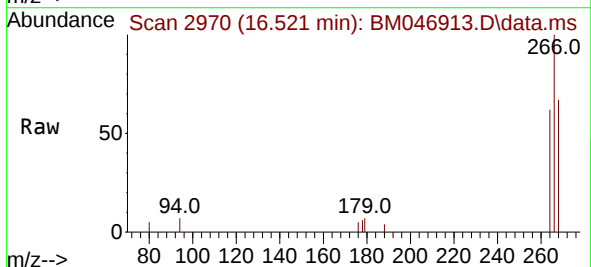
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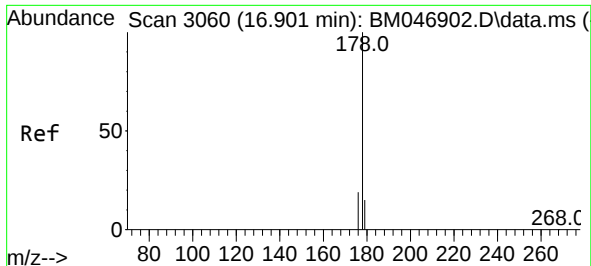
Tgt Ion:166	Resp:	5961
Ion Ratio	Lower	Upper
166	100	
165	99.5	79.8 119.6
167	14.4	12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.571 ng/ul
 RT: 16.521 min Scan# 2970
 Delta R.T. -0.000 min
 Lab File: BM046913.D
 Acq: 30 Jul 2024 09:48

Tgt Ion:266	Resp:	2116
Ion Ratio	Lower	Upper
266	100	
264	62.6	51.1 76.7
268	62.3	51.8 77.6

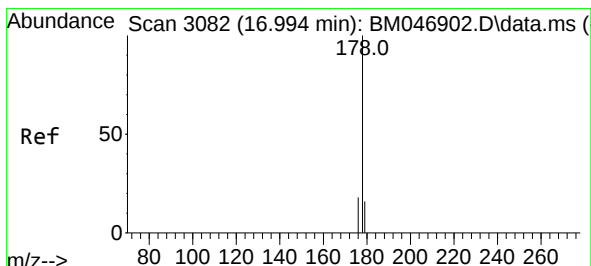
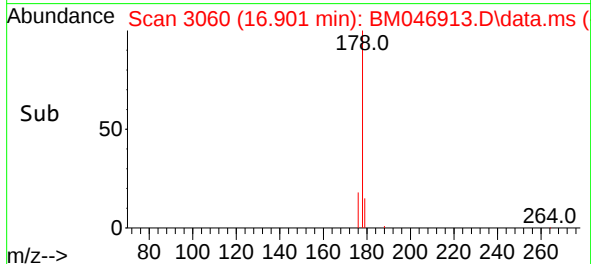
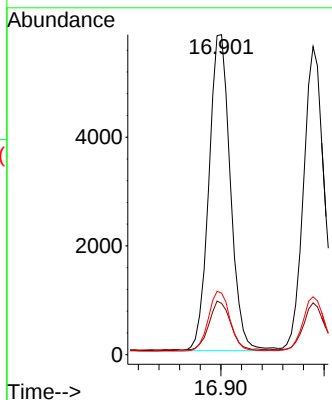
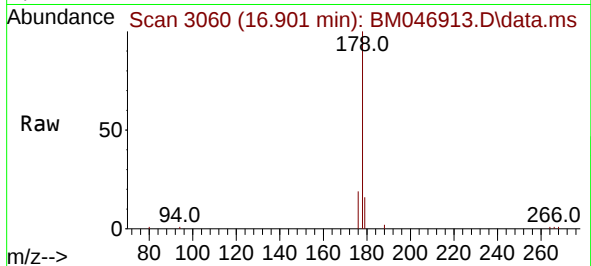




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 16.901 min Scan# 3060
Delta R.T. -0.000 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

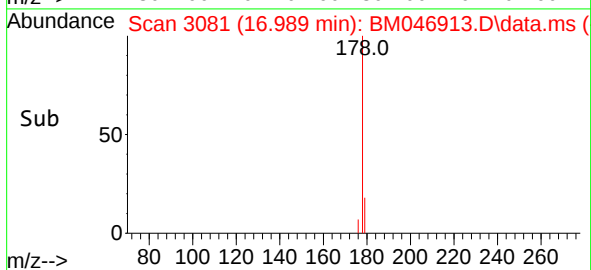
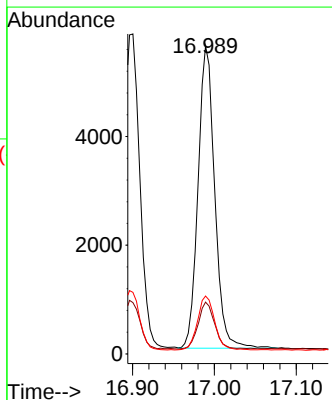
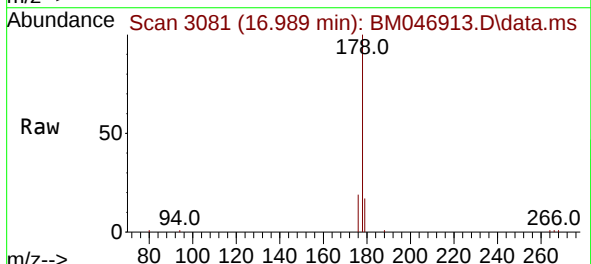
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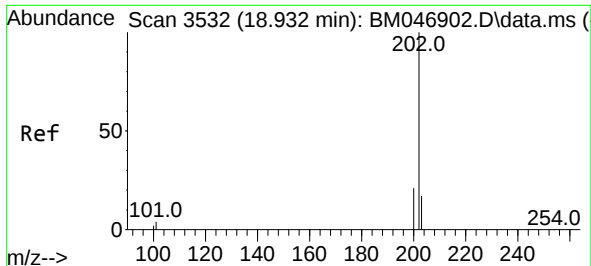
Tgt Ion:178 Resp: 8396
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.2
176 19.2 16.1 24.1



#16
Anthracene
Concen: 0.360 ng/ul
RT: 16.989 min Scan# 3081
Delta R.T. -0.004 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Tgt Ion:178 Resp: 7887
Ion Ratio Lower Upper
178 100
179 16.8 13.1 19.7
176 18.8 15.0 22.6

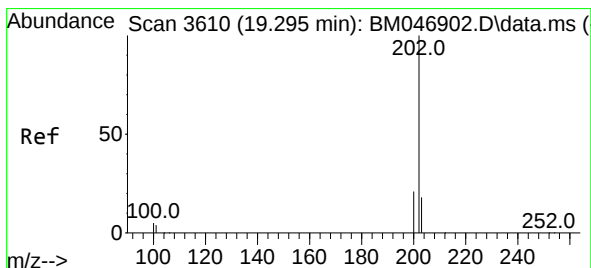
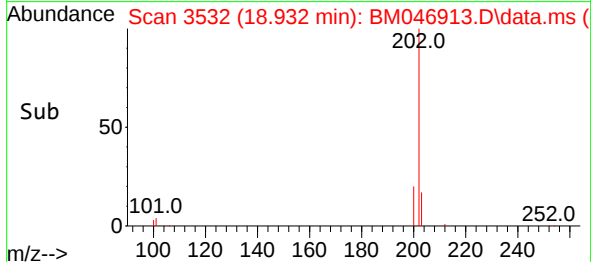
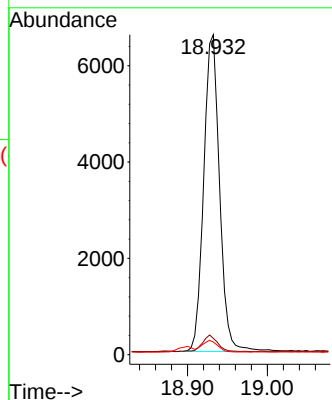
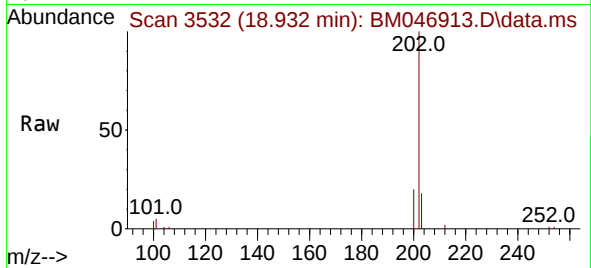




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 18.932 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

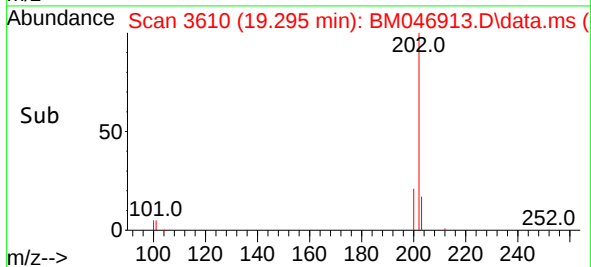
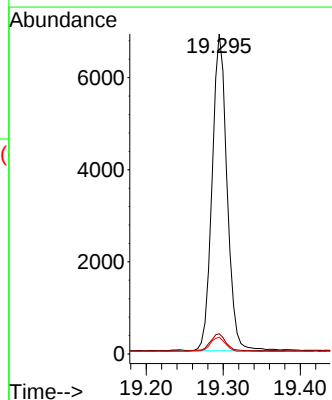
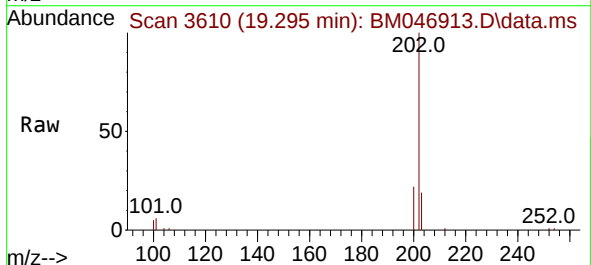
Instrument :
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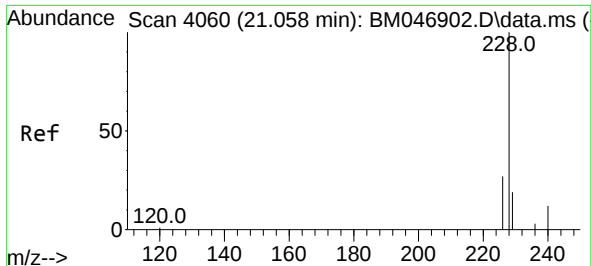
Tgt Ion:202 Resp: 9072
Ion Ratio Lower Upper
202 100
101 5.1 4.7 7.1
100 4.0 3.4 5.2



#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. -0.000 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

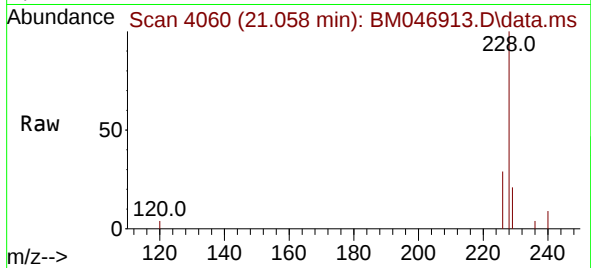
Tgt Ion:202 Resp: 9291
Ion Ratio Lower Upper
202 100
101 6.3 5.2 7.8
100 5.2 4.3 6.5



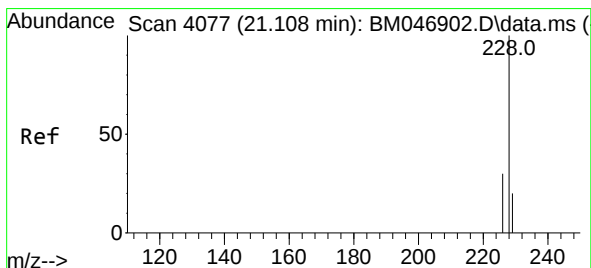
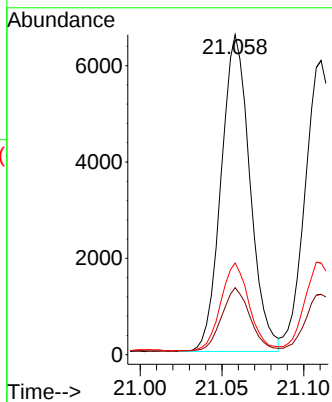
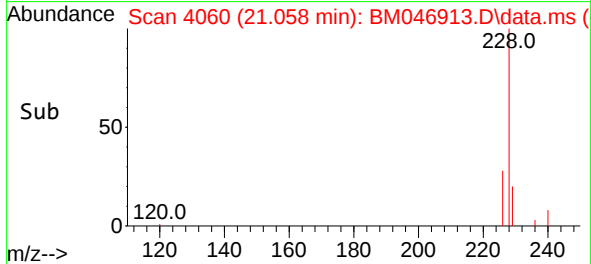


#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.000 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Instrument :
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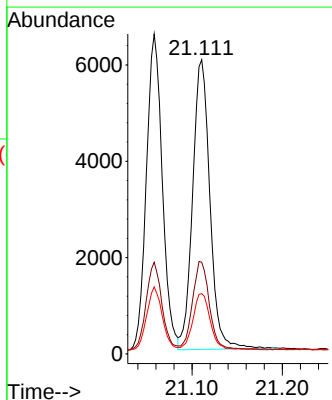
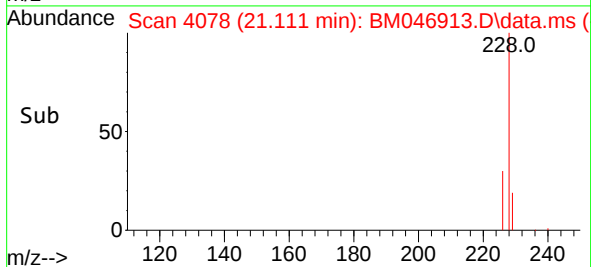
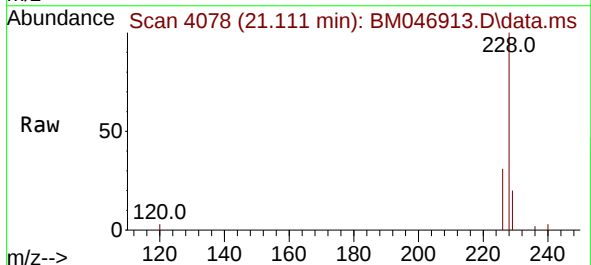


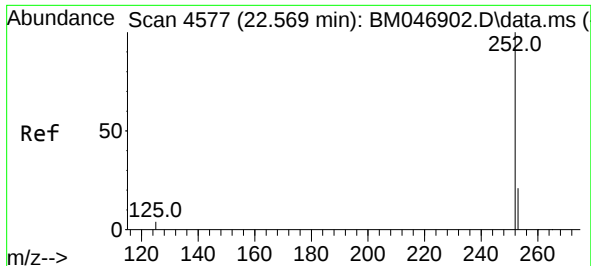
Tgt Ion:228 Resp: 8075
Ion Ratio Lower Upper
228 100
229 21.0 16.3 24.5
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. 0.003 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Tgt Ion:228 Resp: 7996
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 20.5 16.2 24.2

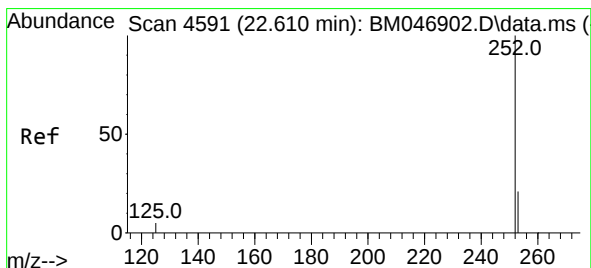
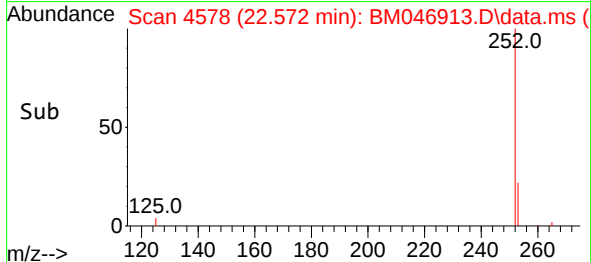
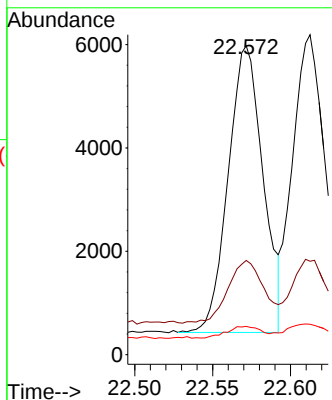
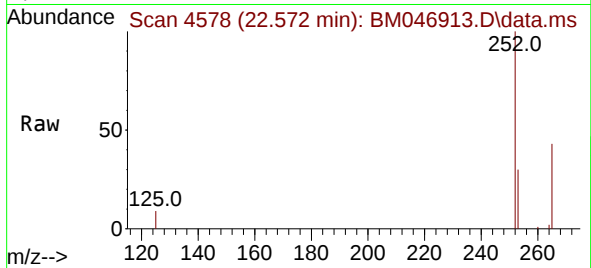




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 22.572 min Scan# 4578
Delta R.T. 0.003 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

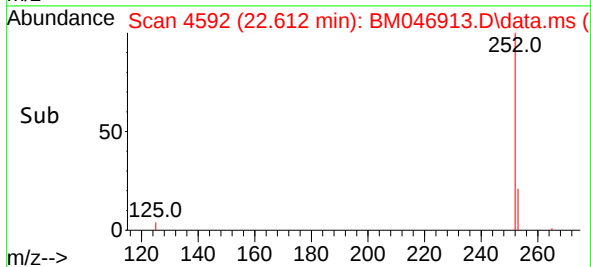
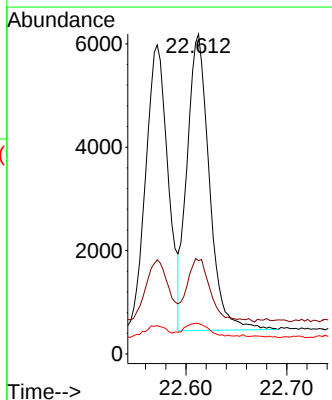
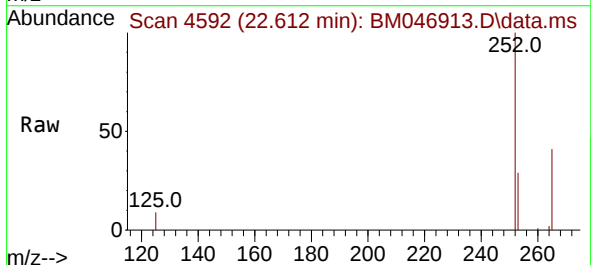
Instrument :
BNA_M
ClientSampleId :
SLCS176

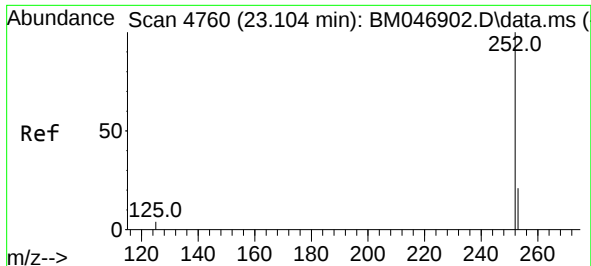
Tgt Ion:252 Resp: 8624
Ion Ratio Lower Upper
252 100
253 30.5 0.0 56.4
125 9.2 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 22.612 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Tgt Ion:252 Resp: 8781
Ion Ratio Lower Upper
252 100
253 29.2 23.5 35.3
125 9.5 8.6 13.0

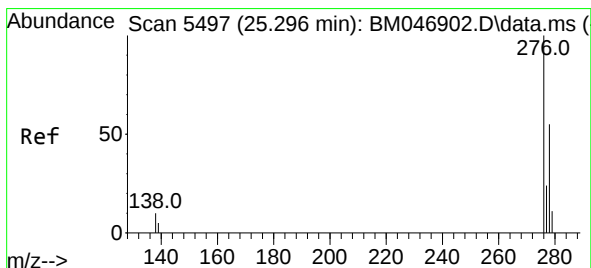
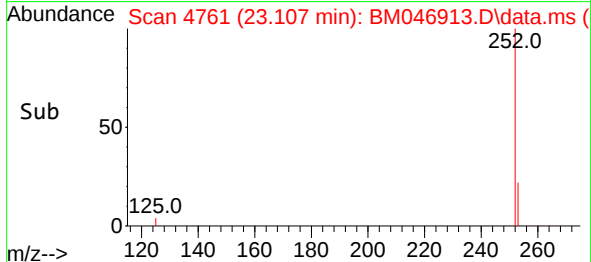
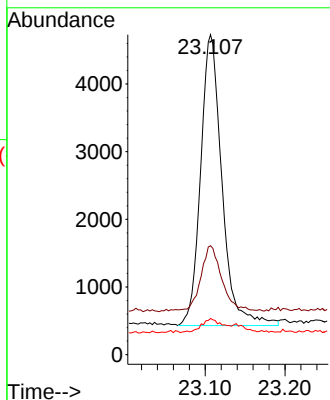
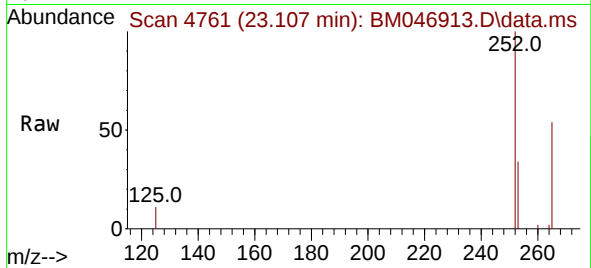




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.107 min Scan# 4761
Delta R.T. 0.003 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

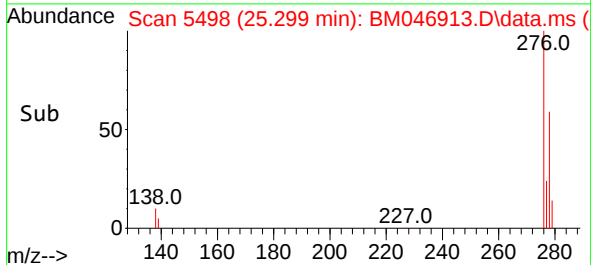
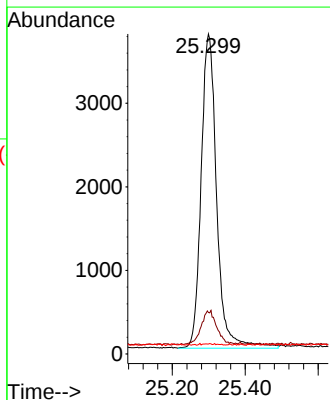
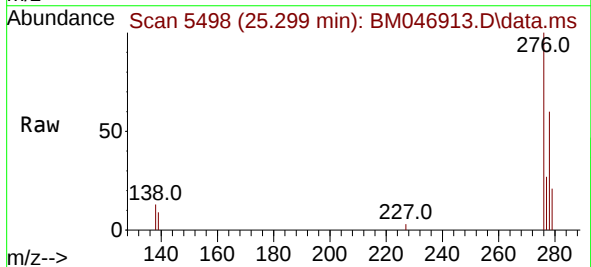
Instrument :
BNA_M
ClientSampleId :
SLCS176

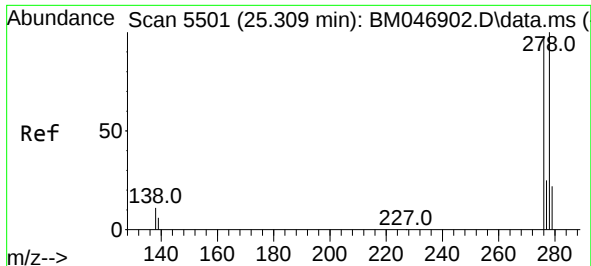
Tgt Ion:252 Resp: 7992
Ion Ratio Lower Upper
252 100
253 34.0 26.0 39.0
125 11.3 7.8 11.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 25.299 min Scan# 5498
Delta R.T. 0.003 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Tgt Ion:276 Resp: 11112
Ion Ratio Lower Upper
276 100
138 10.7 9.7 14.5
227 0.3 0.2 0.2#



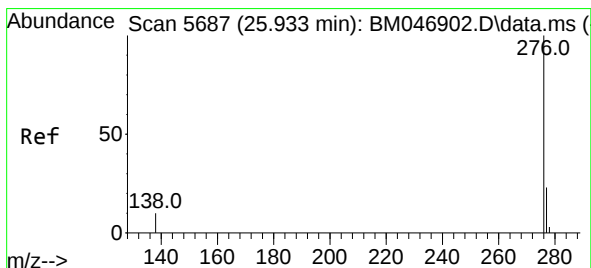
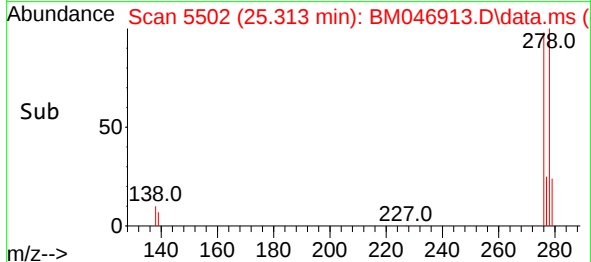
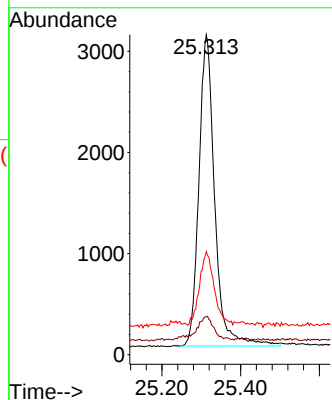
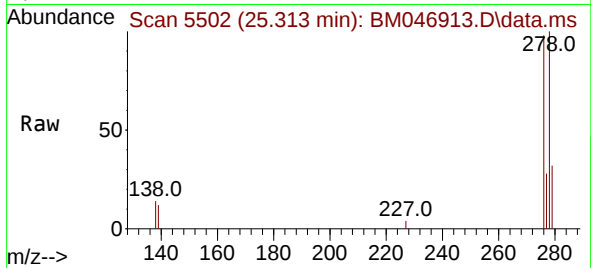


#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.313 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:278 Resp: 8563

Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.8	14.8
279	32.2	25.2	37.8



#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 25.936 min Scan# 5688
Delta R.T. 0.003 min
Lab File: BM046913.D
Acq: 30 Jul 2024 09:48

Tgt Ion:276 Resp: 8766

Ion	Ratio	Lower	Upper
276	100		
138	13.0	9.5	14.3
277	27.1	20.9	31.3

