

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046487.D
 Acq On : 09 Jul 2024 23:40
 Operator : MA/JU
 Sample : PB161734BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS734

Quant Time: Jul 10 01:13:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 08:09:14 2024
 Response via : Initial Calibration

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

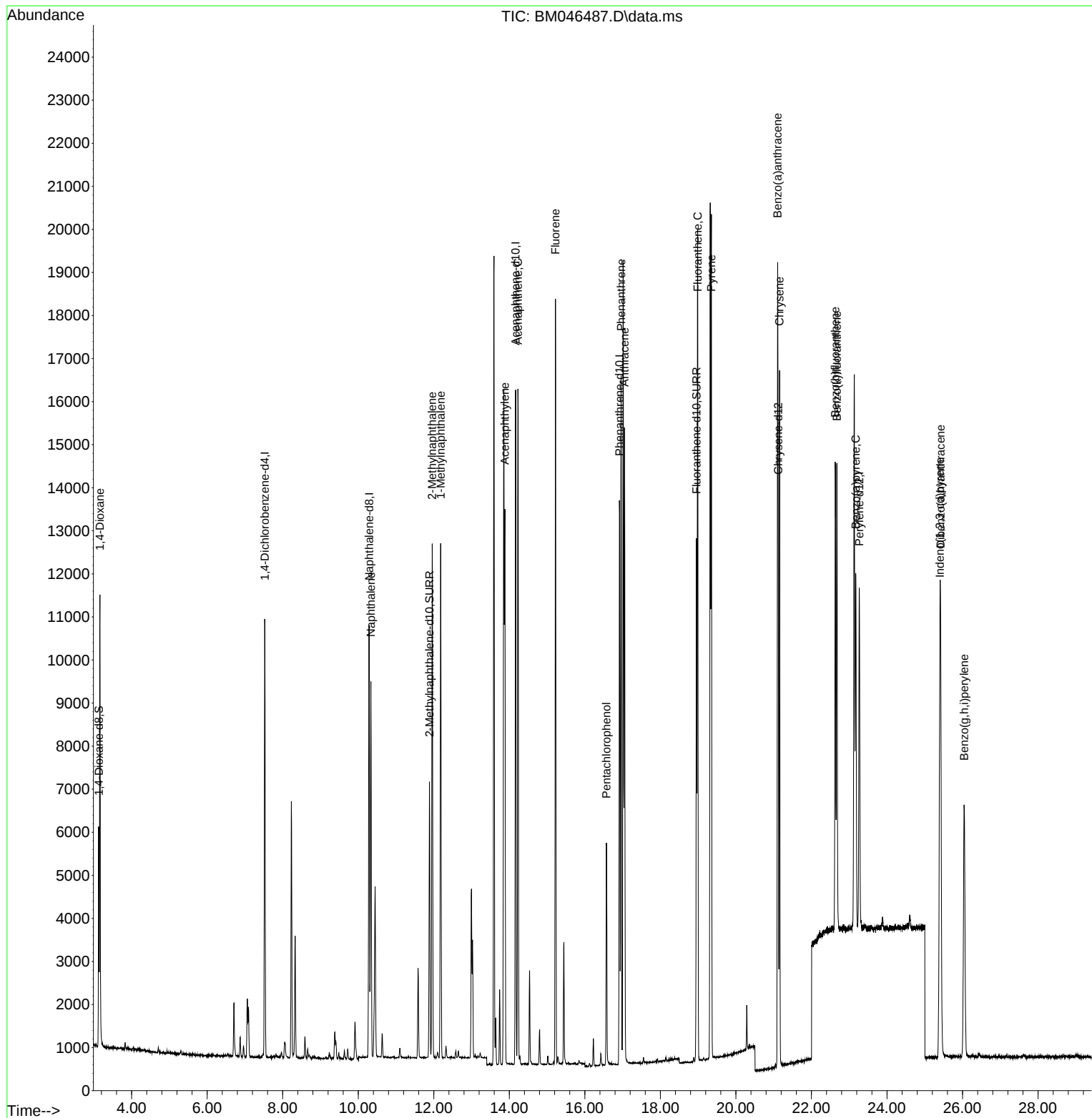
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	5040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.286	136	13258	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.168	164	8351	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.916	188	16485	0.400	ng/ul #	0.00
17) Chrysene-d12	21.120	240	9172	0.400	ng/ul #	0.00
23) Perylene-d12	23.268	264	9297	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3003	0.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.887	152	7992	0.408	ng/ul	0.00
18) Fluoranthene-d10	18.954	212	13740	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.160	88	6256	1.061	ng/ul	89
5) Naphthalene	10.336	128	11598	0.330	ng/ul	99
7) 2-Methylnaphthalene	11.958	142	8161	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.183	142	7831	0.319	ng/ul	99
10) Acenaphthylene	13.881	152	13636	0.322	ng/ul	99
11) Acenaphthene	14.228	153	9081	0.329	ng/ul	99
12) Fluorene	15.222	166	10663	0.327	ng/ul	100
14) Pentachlorophenol	16.570	266	3345	0.695	ng/ul	98
15) Phenanthrene	16.958	178	15760	0.319	ng/ul	99
16) Anthracene	17.051	178	15573	0.325	ng/ul	99
19) Fluoranthene	18.987	202	17042	0.368	ng/ul#	92
20) Pyrene	19.349	202	17048	0.357	ng/ul#	88
21) Benzo(a)anthracene	21.105	228	13852	0.338	ng/ul	99
22) Chrysene	21.155	228	13202	0.324	ng/ul	100
24) Benzo(b)fluoranthene	22.630	252	13169	0.333	ng/ul	94
25) Benzo(k)fluoranthene	22.671	252	13086	0.328	ng/ul#	94
26) Benzo(a)pyrene	23.171	252	11783	0.377	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.400	276	15029	0.356	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.417	278	12022	0.368	ng/ul#	92
29) Benzo(g,h,i)perylene	26.044	276	12374	0.368	ng/ul#	92

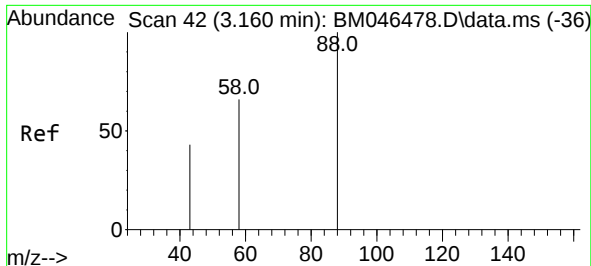
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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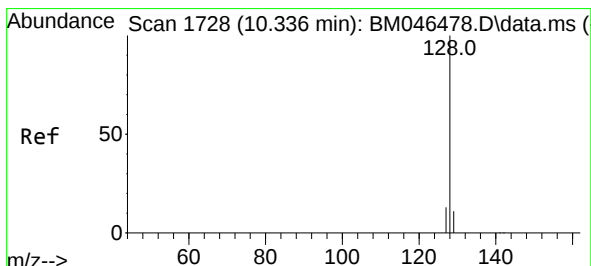
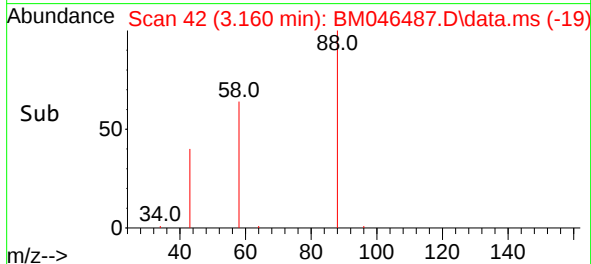
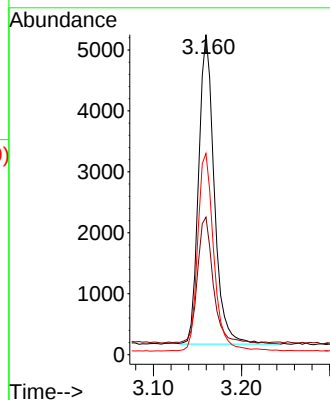
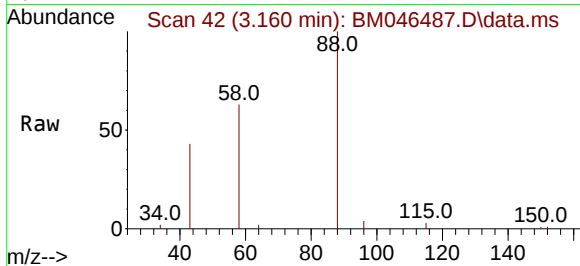




#2
1,4-Dioxane
Concen: 1.061 ng/ul
RT: 3.160 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

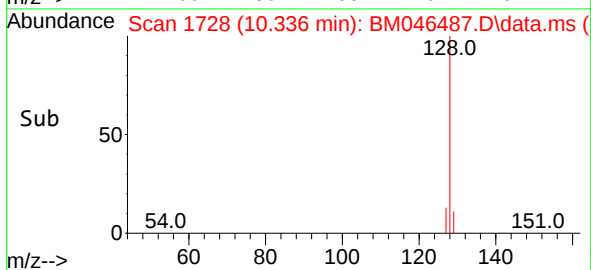
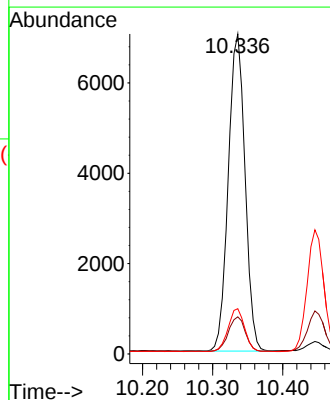
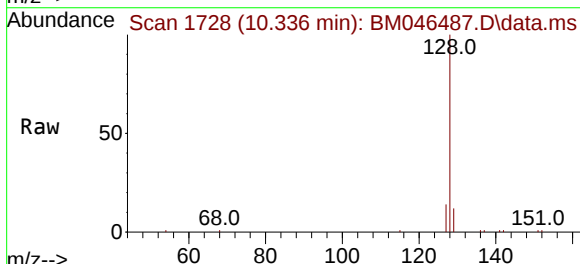
Instrument :
BNA_M
ClientSampleId :
SLCS734

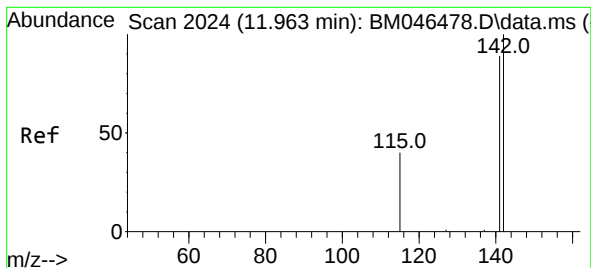
Tgt Ion: 88 Resp: 6256
Ion Ratio Lower Upper
88 100
43 43.0 41.9 62.9
58 62.9 56.5 84.7



#5
Naphthalene
Concen: 0.330 ng/ul
RT: 10.336 min Scan# 1728
Delta R.T. -0.005 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion: 128 Resp: 11598
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.1 10.8 16.2

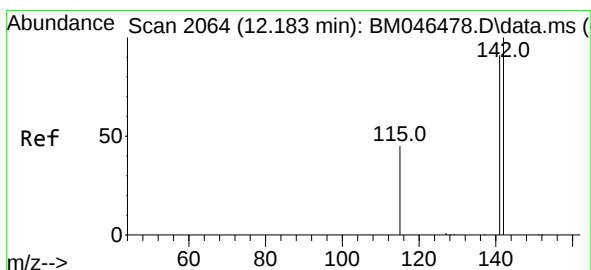
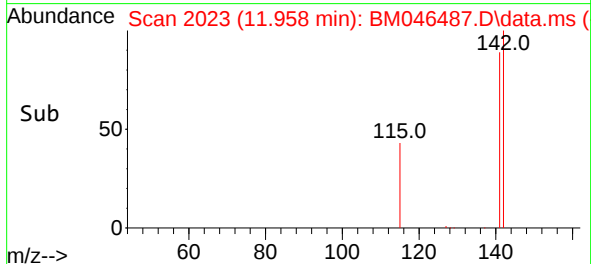
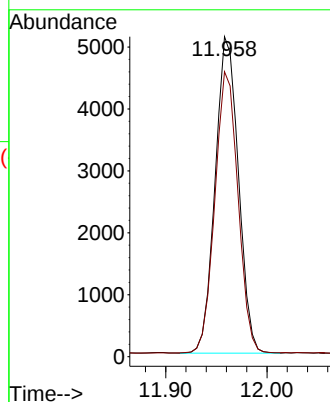
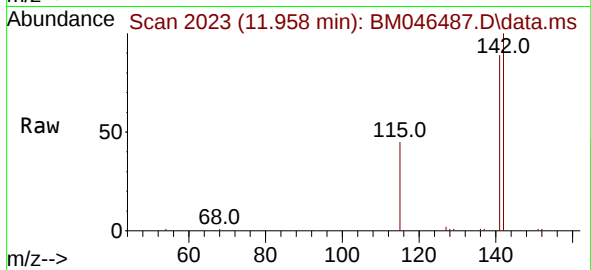




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 11.958 min Scan# 2023
Delta R.T. -0.005 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

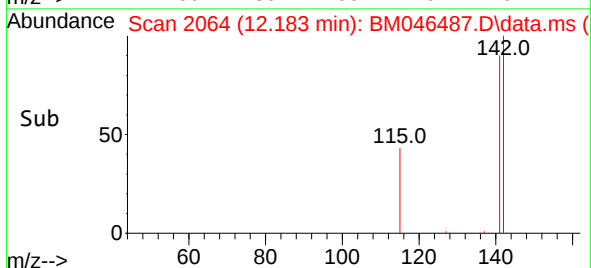
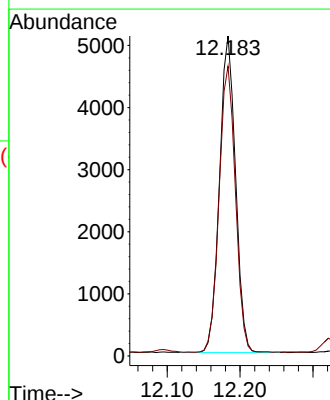
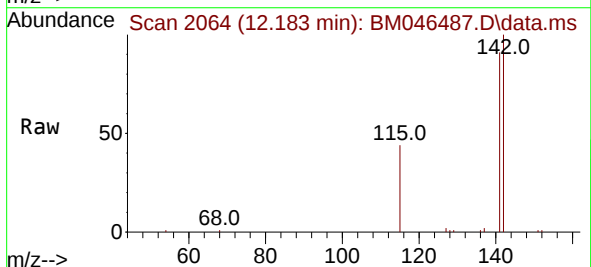
Instrument :
BNA_M
ClientSampleId :
SLCS734

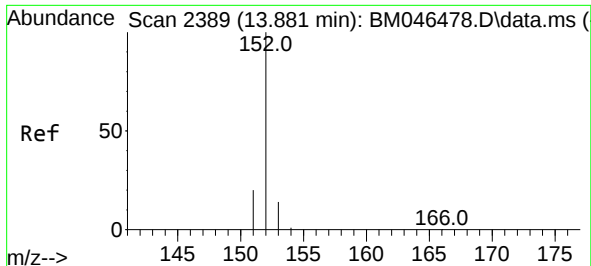
Tgt Ion:142 Resp: 8161
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.183 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion:142 Resp: 7831
Ion Ratio Lower Upper
142 100
141 91.5 72.4 108.6

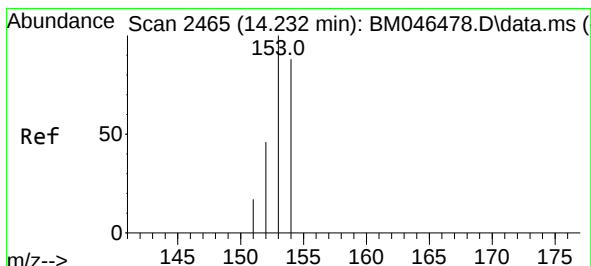
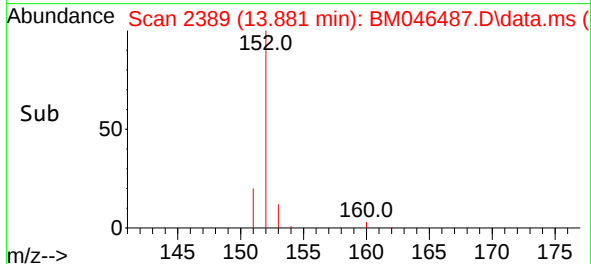
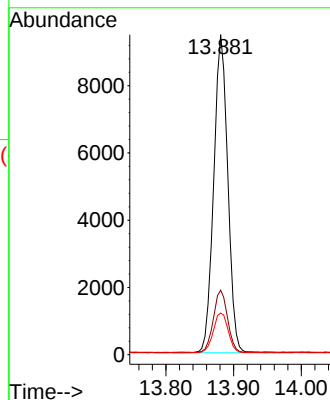
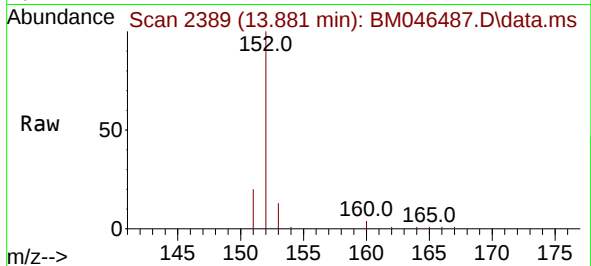




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 13.881 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

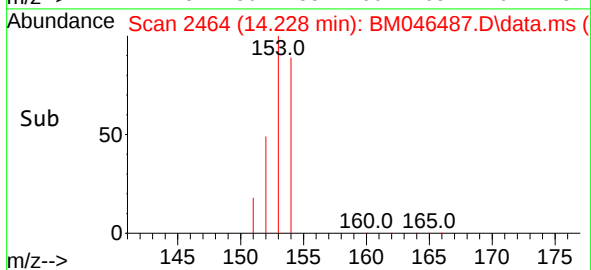
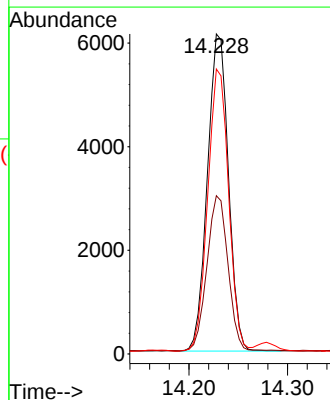
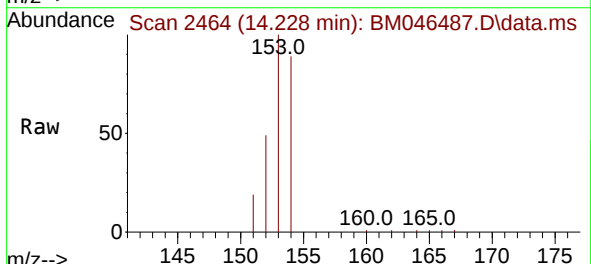
Instrument :
BNA_M
ClientSampleId :
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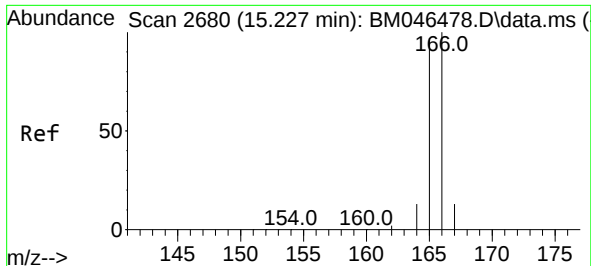
Tgt Ion:	152	Resp:	13636
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.0	11.0	16.6



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.228 min Scan# 2464
Delta R.T. -0.005 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion:	153	Resp:	9081
Ion Ratio	Lower	Upper	
153	100		
152	49.4	40.4	60.6
154	89.1	72.1	108.1

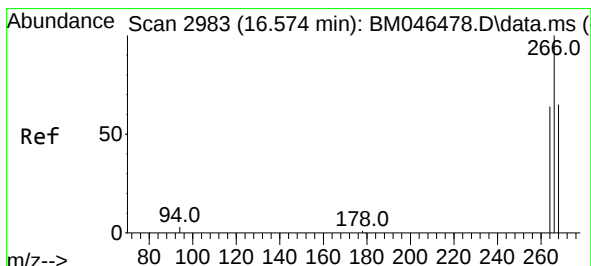
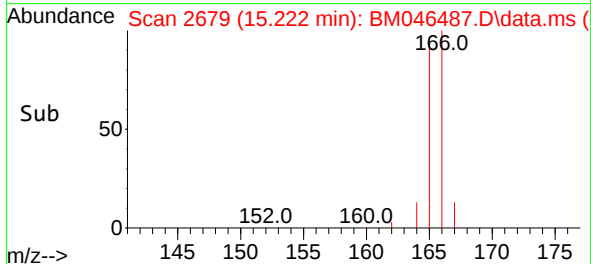
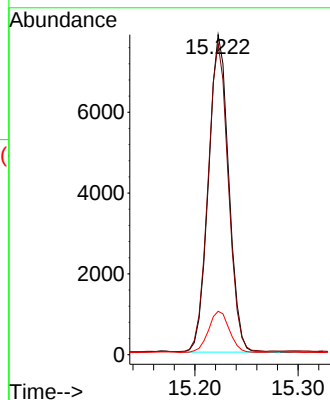
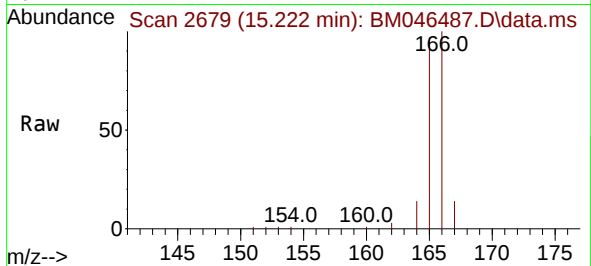




#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.222 min Scan# 20663
Delta R.T. -0.005 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

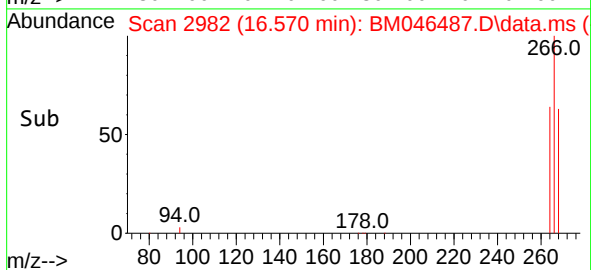
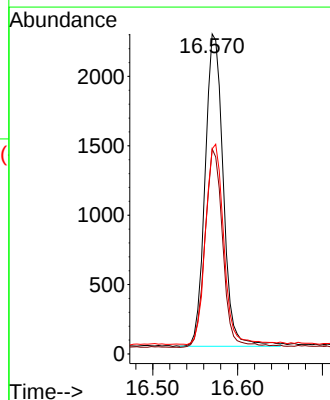
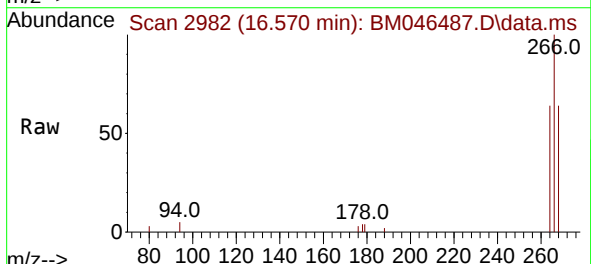
Instrument :
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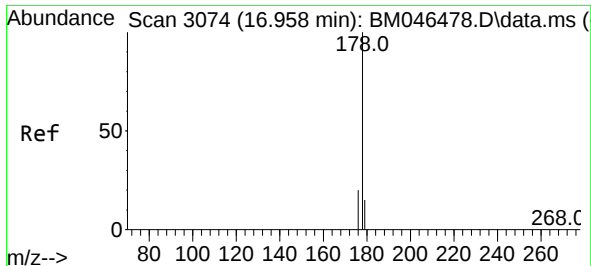
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.0	117.0
167	13.6	11.4	17.0



#14
Pentachlorophenol
Concen: 0.695 ng/ul
RT: 16.570 min Scan# 2982
Delta R.T. -0.004 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.0	76.6
268	64.8	50.8	76.2

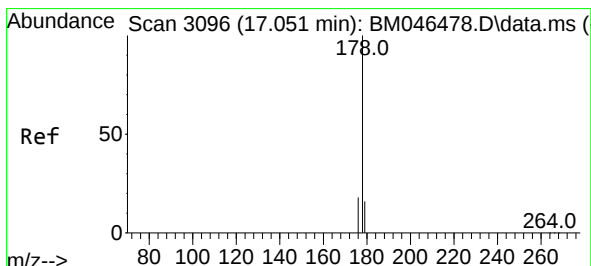
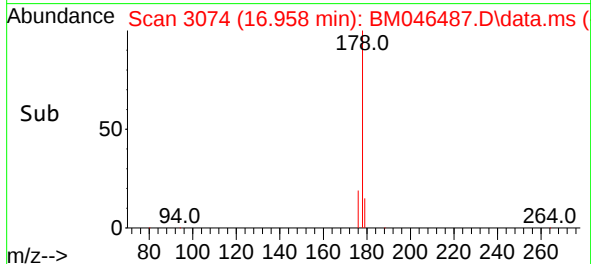
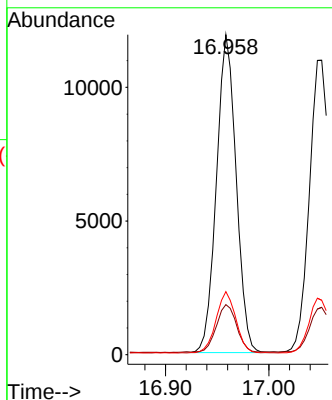
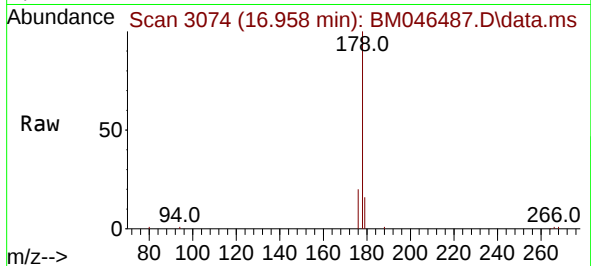




#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 16.958 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

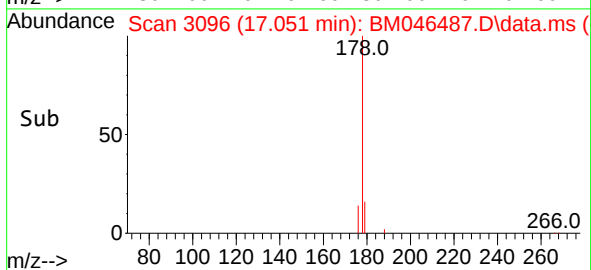
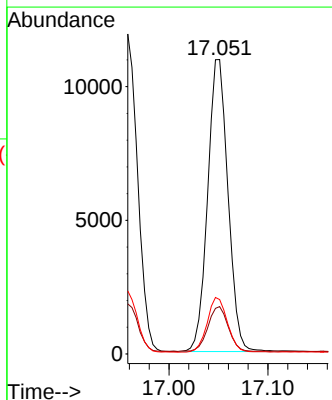
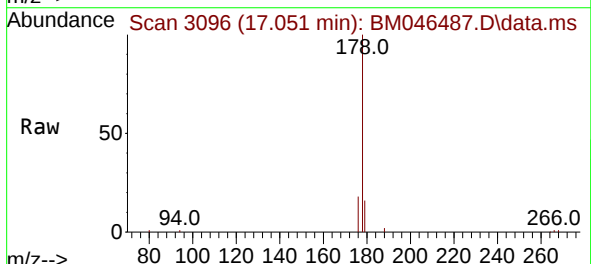
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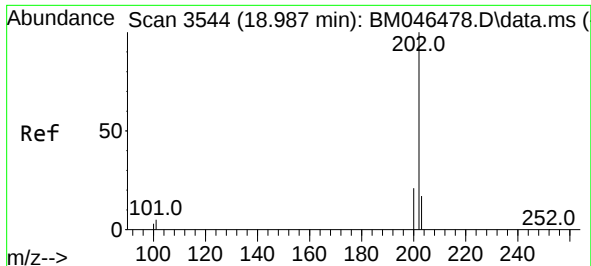
Tgt Ion:178 Resp: 15760
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.051 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion:178 Resp: 15573
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 18.5 14.9 22.3

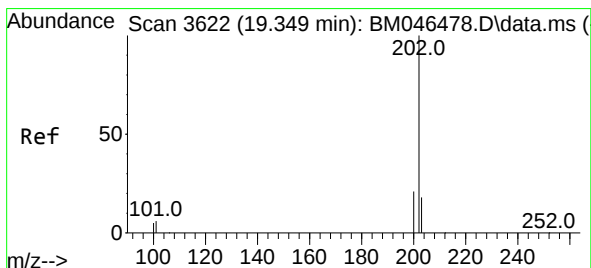
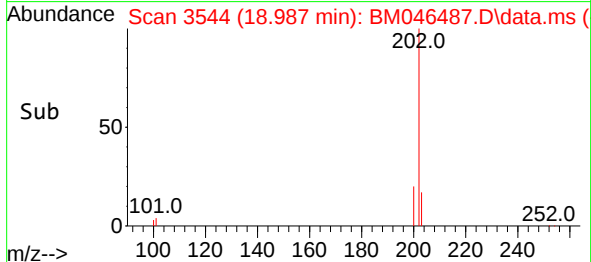
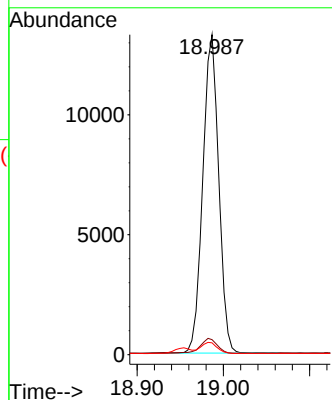
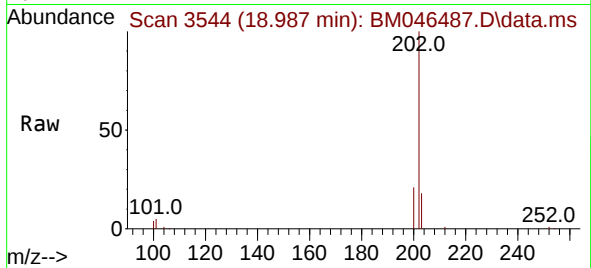




#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 18.987 min Scan# 3544
Delta R.T. -0.005 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

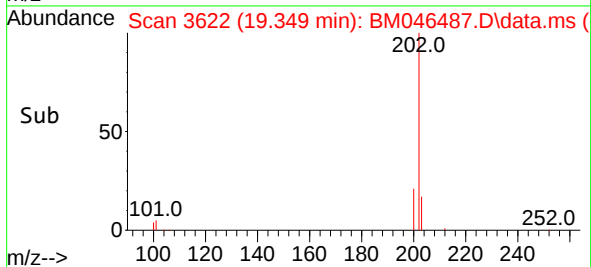
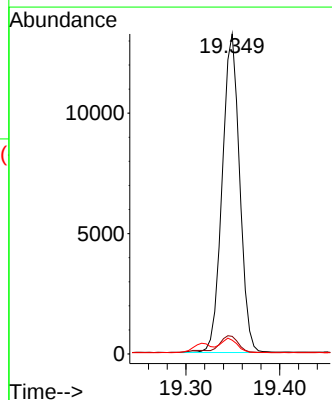
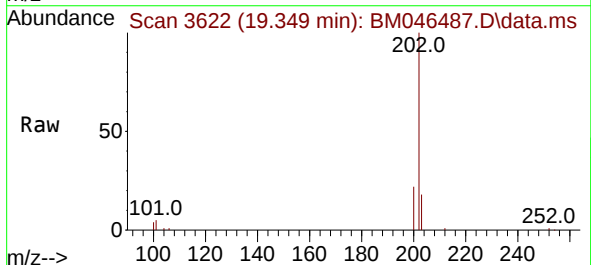
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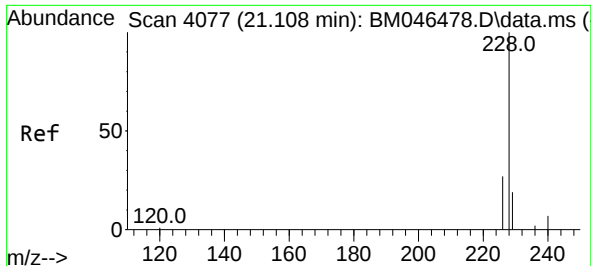
Tgt Ion:202 Resp: 17042
Ion Ratio Lower Upper
202 100
101 4.7 6.3 9.5#
100 3.7 5.0 7.6#



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.349 min Scan# 3622
Delta R.T. -0.005 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion:202 Resp: 17048
Ion Ratio Lower Upper
202 100
101 5.5 8.2 12.4#
100 4.3 6.9 10.3#

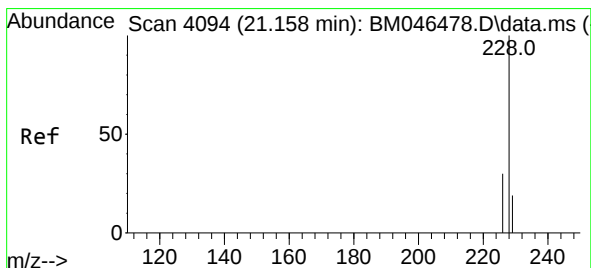
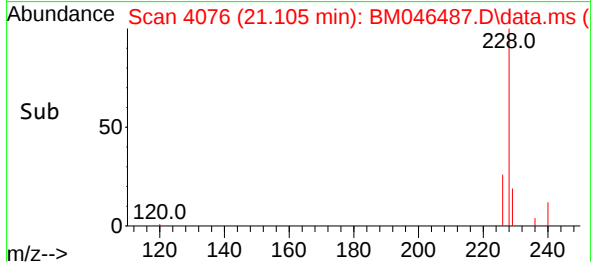
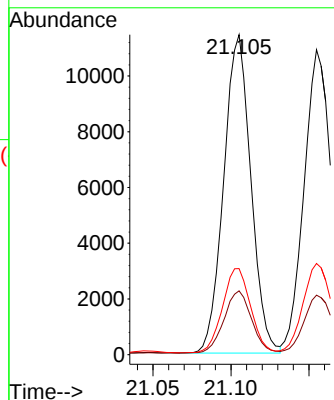
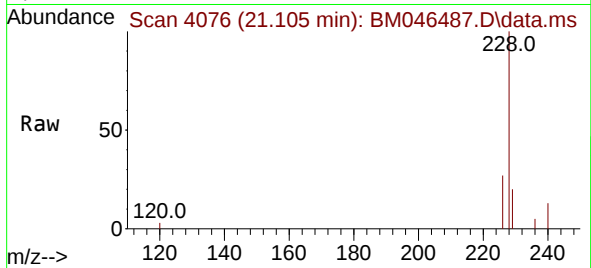




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.105 min Scan# 4076
Delta R.T. -0.009 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

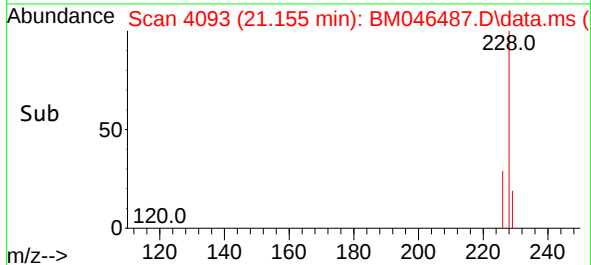
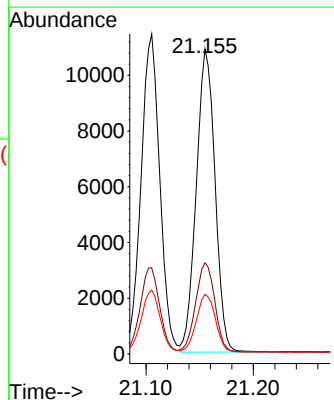
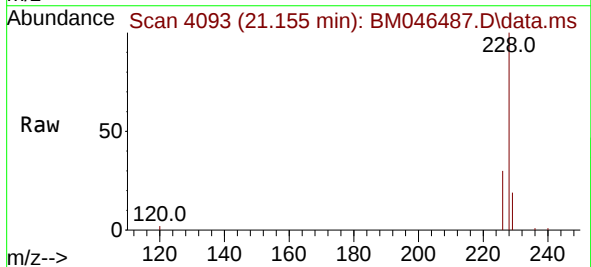
Instrument :
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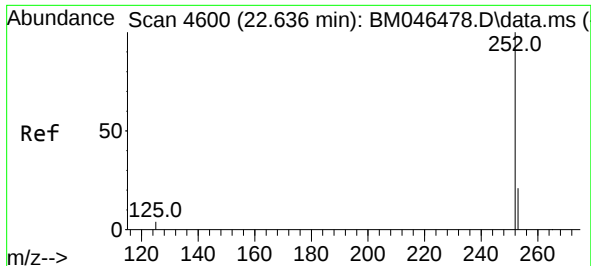
Tgt Ion:228 Resp: 13852
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 26.9 22.0 33.0



#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.155 min Scan# 4093
Delta R.T. -0.009 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

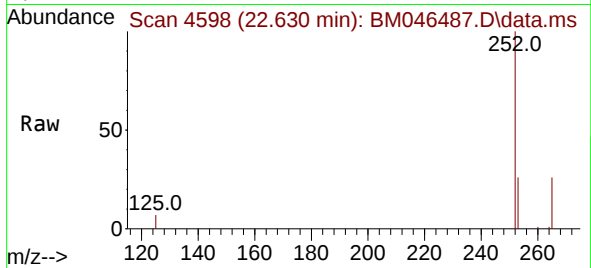
Tgt Ion:228 Resp: 13202
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.5 15.8 23.6



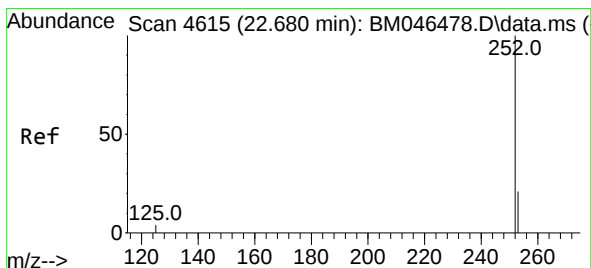
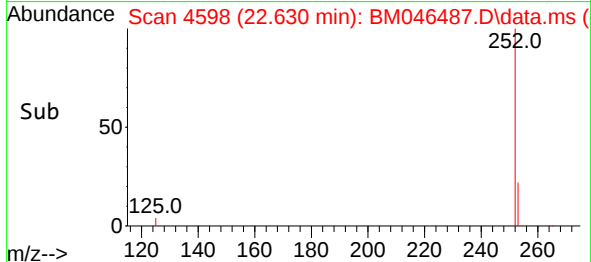
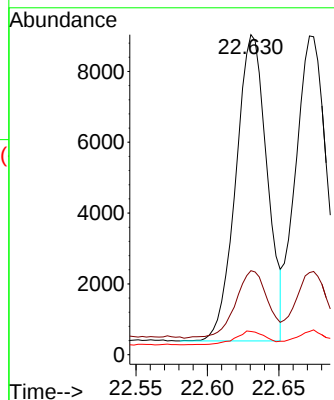


#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 22.630 min Scan# 4600
Delta R.T. -0.009 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Instrument :
BNA_M
ClientSampleId :
SLCS734

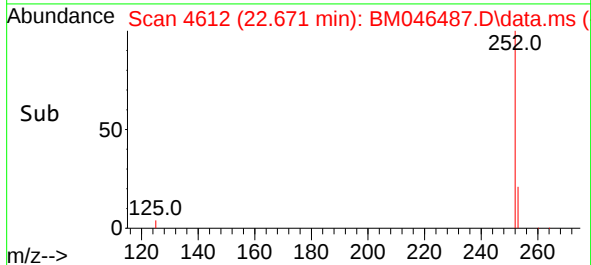
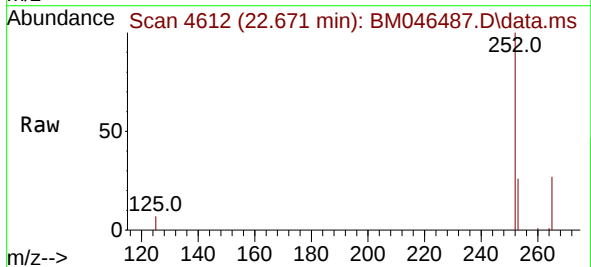
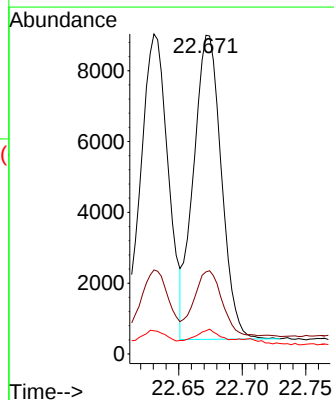


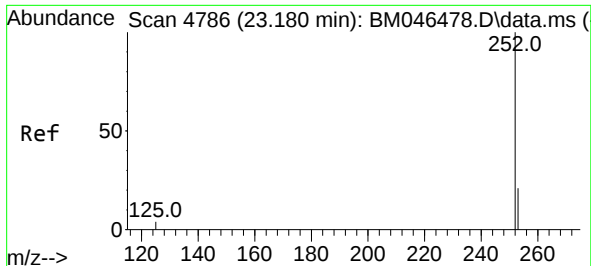
Tgt Ion:252 Resp: 13169
Ion Ratio Lower Upper
252 100
253 26.2 0.0 47.0
125 7.2 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul
RT: 22.671 min Scan# 4612
Delta R.T. -0.012 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion:252 Resp: 13086
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 7.3 7.5 11.3#

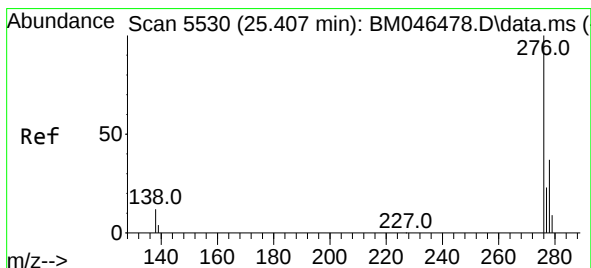
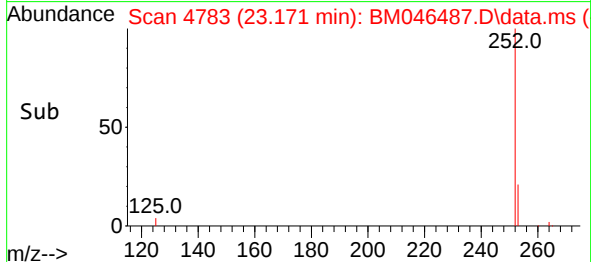
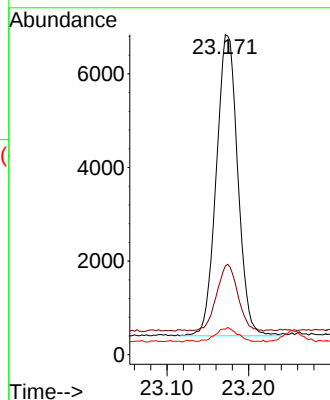
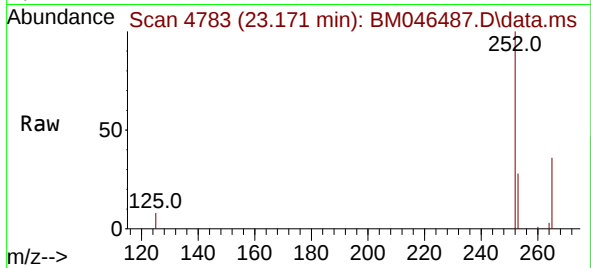




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.171 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

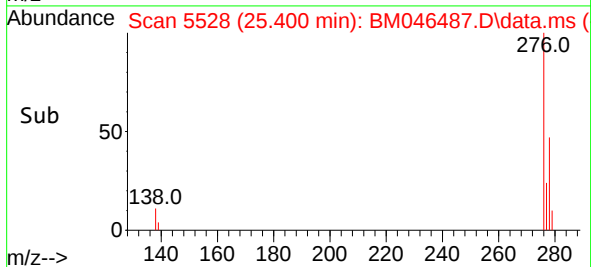
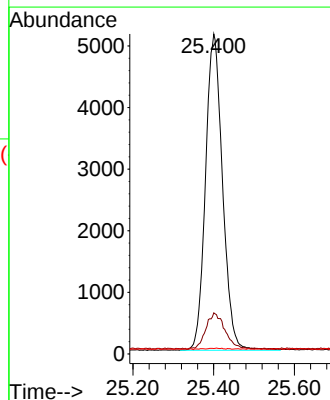
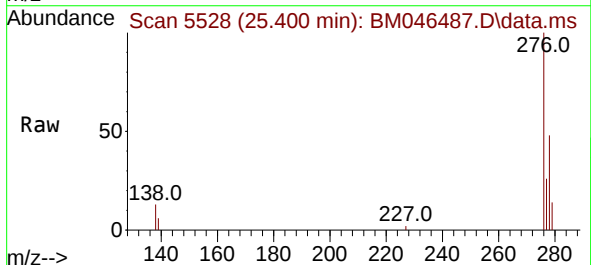
Instrument :
BNA_M
ClientSampleId :
SLCS734

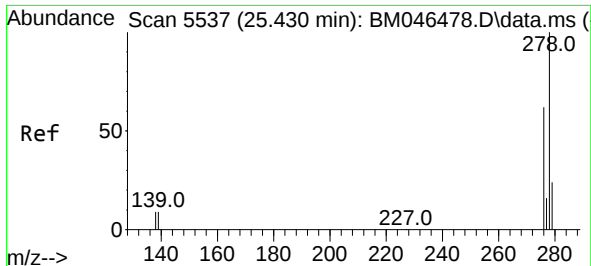
Tgt Ion:252 Resp: 11783
Ion Ratio Lower Upper
252 100
253 27.7 18.9 28.3
125 8.0 8.1 12.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.400 min Scan# 5528
Delta R.T. -0.013 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion:276 Resp: 15029
Ion Ratio Lower Upper
276 100
138 13.1 15.7 23.5#
227 0.2 0.1 0.1#

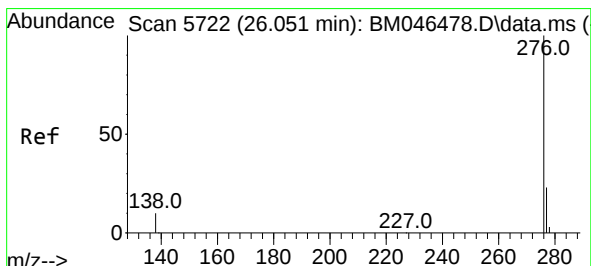
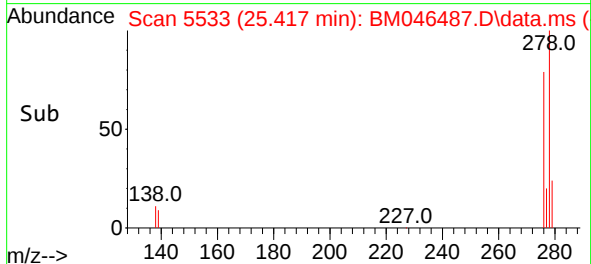
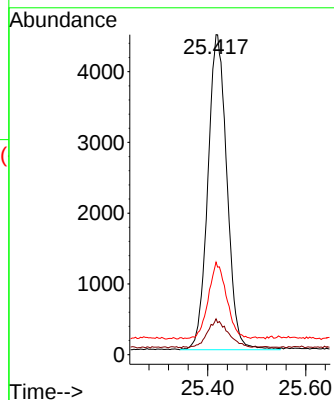
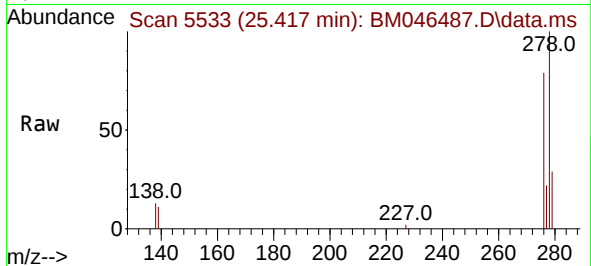




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.417 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Instrument :
BNA_M
ClientSampleId :
SLCS734

Tgt Ion:278 Resp: 12022
Ion Ratio Lower Upper
278 100
139 11.2 12.6 18.8#
279 28.9 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.044 min Scan# 5720
Delta R.T. -0.013 min
Lab File: BM046487.D
Acq: 09 Jul 2024 23:40

Tgt Ion:276 Resp: 12374
Ion Ratio Lower Upper
276 100
138 11.7 15.4 23.0#
277 25.6 19.7 29.5

