

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041564.D
 Acq On : 29 Aug 2023 20:09
 Operator : MA/JU
 Sample : SST0.219
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2009

Quant Time: Aug 30 01:42:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:40:31 2023
 Response via : Initial Calibration

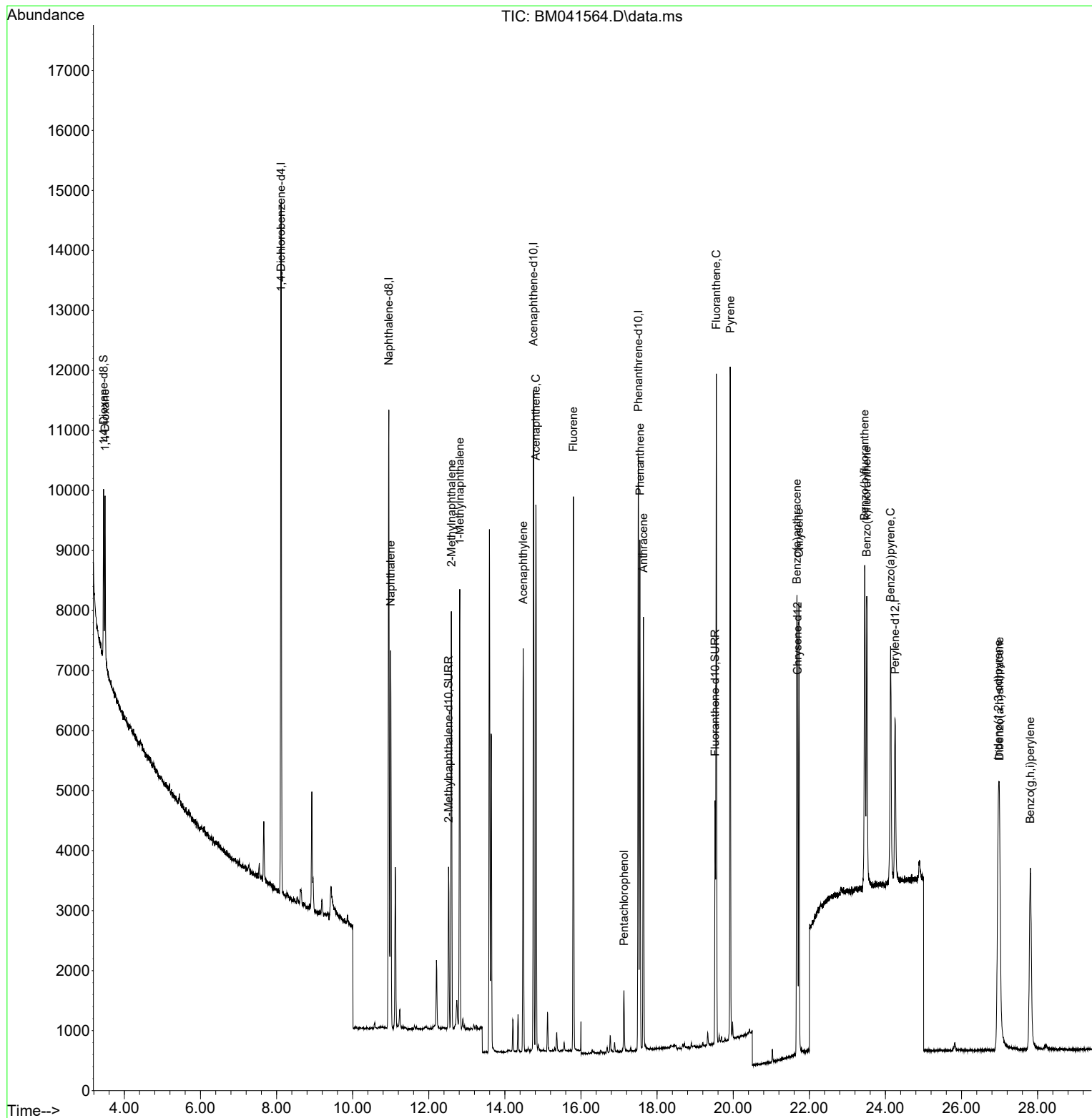
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	5670	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	13047	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	5349	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	10139	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	3455	0.400	ng/ul	0.00
23) Perylene-d12	24.254	264	4019	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	1689	0.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	3165	0.184	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	3391	0.240	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.494	88	1924	0.263	ng/ul#	85
5) Naphthalene	10.999	128	8412	0.202	ng/ul	98
7) 2-Methylnaphthalene	12.594	142	4739	0.187	ng/ul	99
8) 1-Methylnaphthalene	12.814	142	4837	0.189	ng/ul	100
10) Acenaphthylene	14.481	152	7342	0.208	ng/ul	98
11) Acenaphthene	14.814	153	5089	0.205	ng/ul	96
12) Fluorene	15.799	166	5574	0.208	ng/ul	97
14) Pentachlorophenol	17.130	266	721	0.173	ng/ul	98
15) Phenanthrene	17.548	178	8814	0.212	ng/ul	99
16) Anthracene	17.641	178	7537	0.197	ng/ul	98
19) Fluoranthene	19.557	202	8920	0.279	ng/ul	98
20) Pyrene	19.924	202	9021	0.279	ng/ul	99
21) Benzo(a)anthracene	21.670	228	6155	0.250	ng/ul	99
22) Chrysene	21.729	228	6653	0.273	ng/ul	99
24) Benzo(b)fluoranthene	23.456	252	7308	0.286	ng/ul	92
25) Benzo(k)fluoranthene	23.509	252	6898	0.276	ng/ul#	91
26) Benzo(a)pyrene	24.134	252	6588	0.285	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.964	276	8837	0.285	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.998	278	5952	0.267	ng/ul	96
29) Benzo(g,h,i)perylene	27.809	276	7420	0.285	ng/ul	98

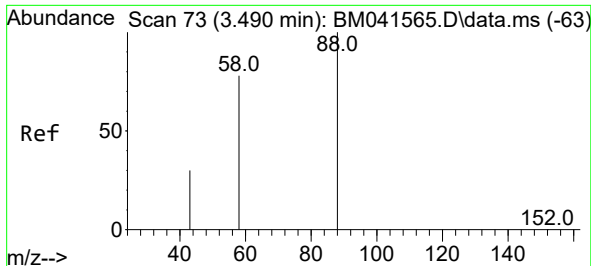
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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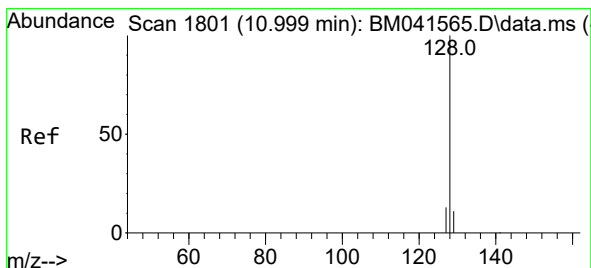
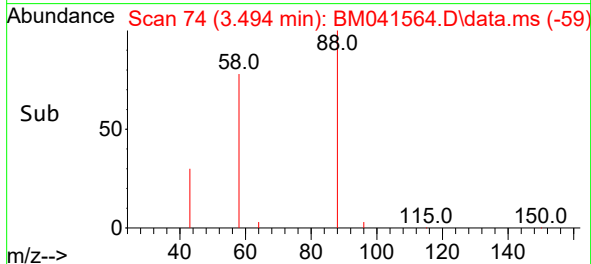
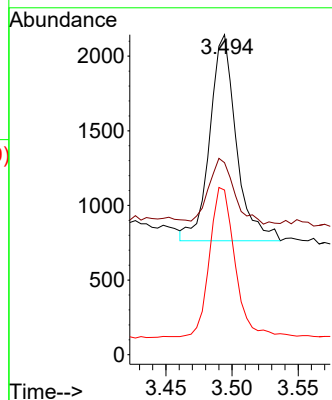
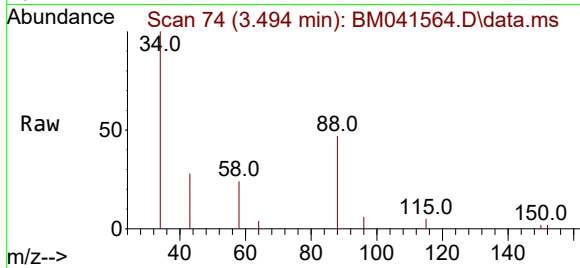




#2
1,4-Dioxane
Concen: 0.263 ng/ul
RT: 3.494 min Scan# 74
Delta R.T. 0.004 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

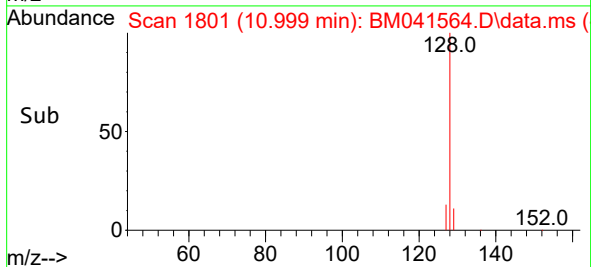
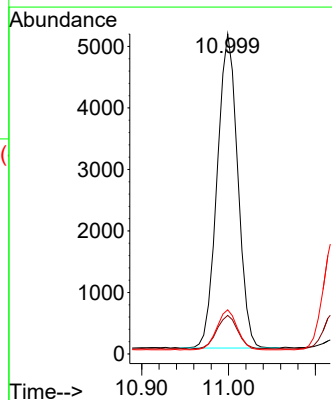
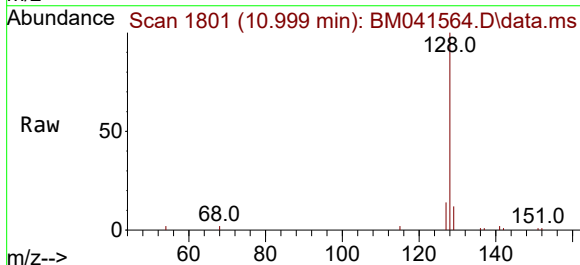
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

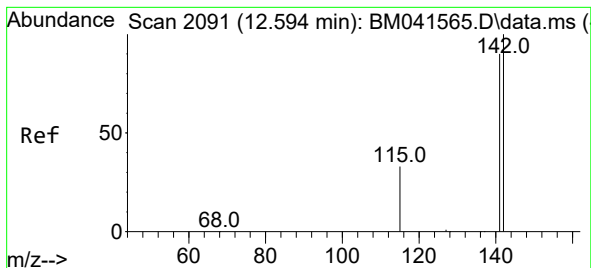
Tgt Ion: 88 Resp: 1924
Ion Ratio Lower Upper
88 100
43 60.0 46.2 69.2
58 51.4 58.1 87.1#



#5
Naphthalene
Concen: 0.202 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion: 128 Resp: 8412
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.8 10.6 15.8

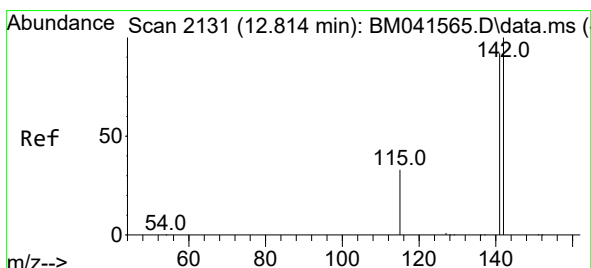
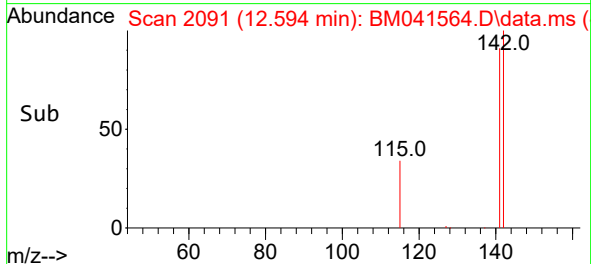
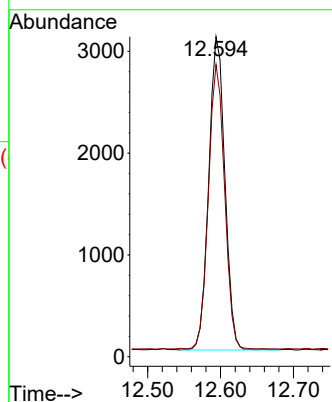
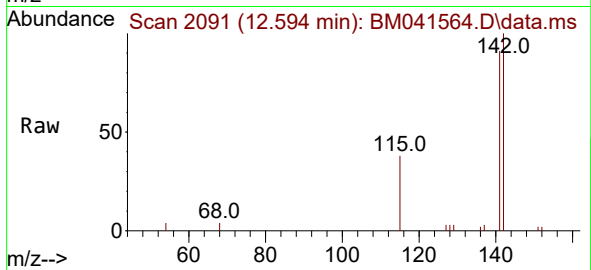




#7
2-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

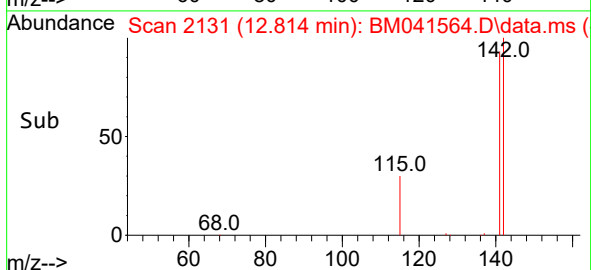
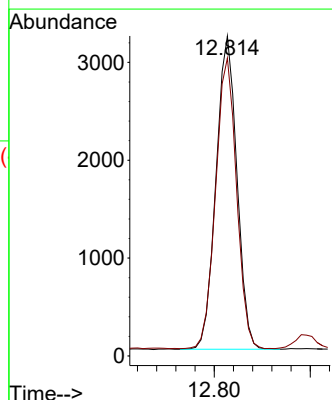
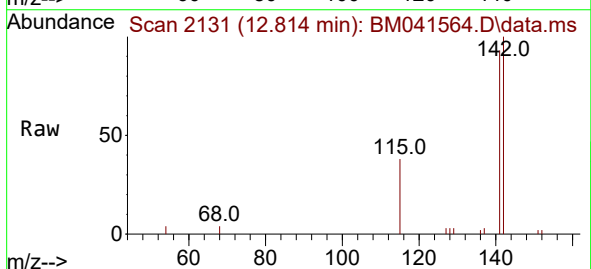
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

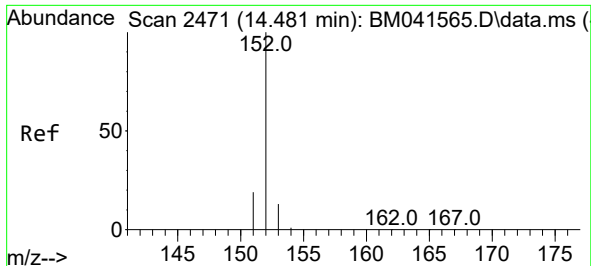
Tgt Ion:142 Resp: 4739
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:142 Resp: 4837
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.2

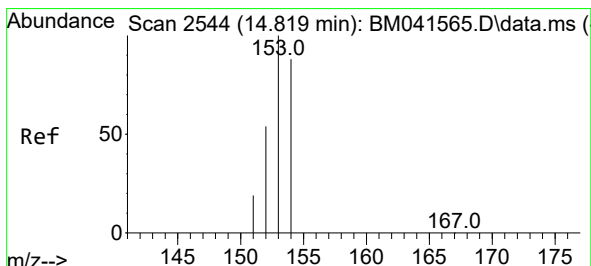
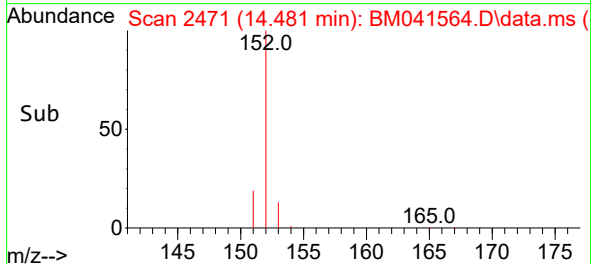
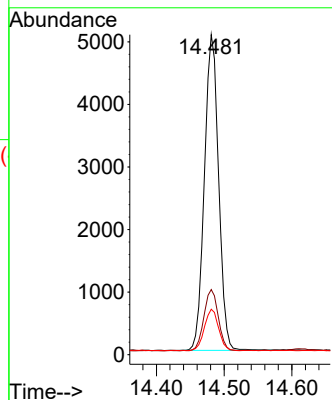
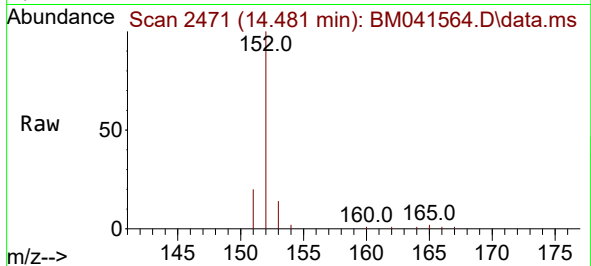




#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

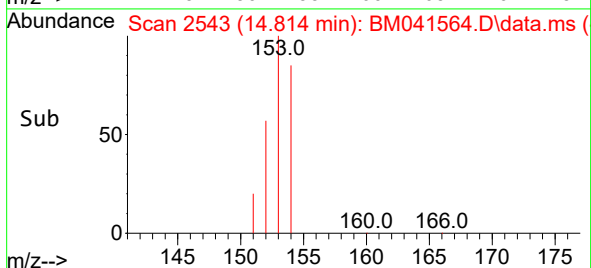
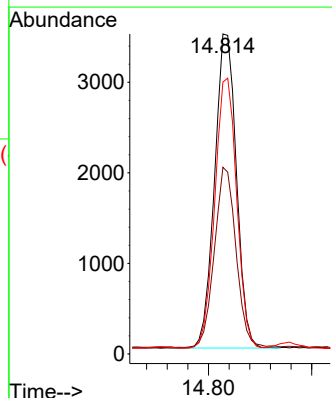
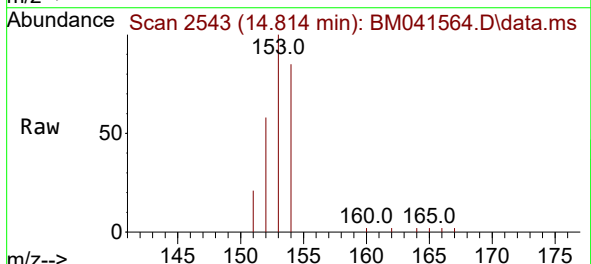
Instrument :
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ClientSampleId :
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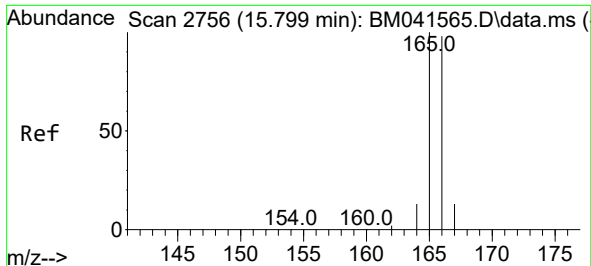
Tgt Ion:152 Resp: 7342
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 14.2 10.6 15.8



#11
Acenaphthene
Concen: 0.205 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.005 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:153 Resp: 5089
Ion Ratio Lower Upper
153 100
152 58.4 43.4 65.2
154 85.0 70.2 105.2

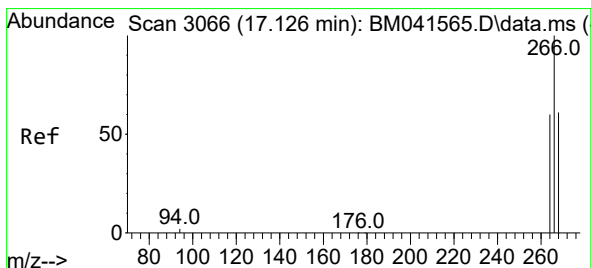
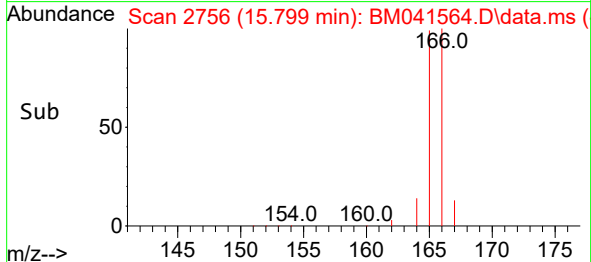
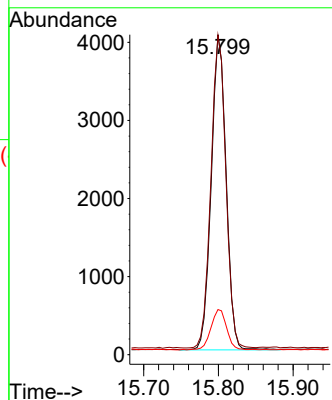
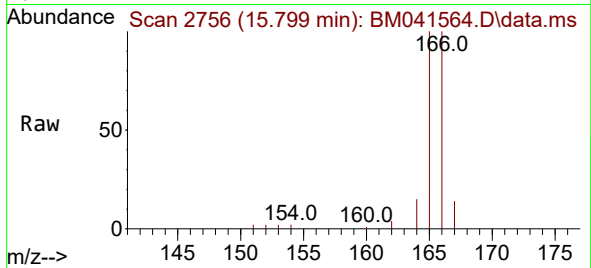




#12
Fluorene
Concen: 0.208 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

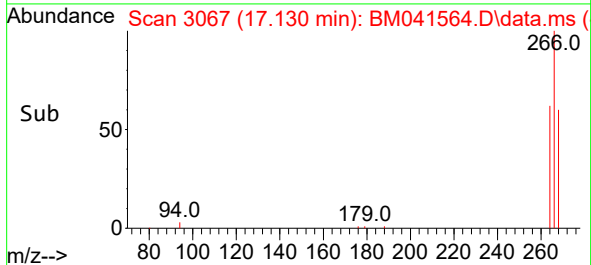
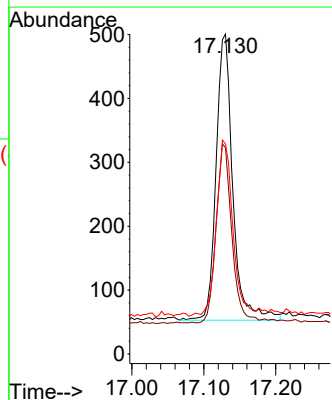
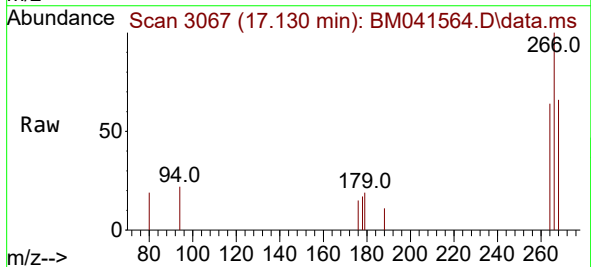
Instrument :
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ClientSampleId :
SSTD0.2009

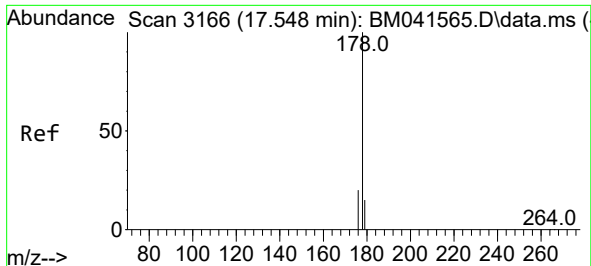
Tgt Ion:166 Resp: 5574
Ion Ratio Lower Upper
166 100
165 99.8 82.2 123.2
167 14.1 11.5 17.3



#14
Pentachlorophenol
Concen: 0.173 ng/ul
RT: 17.130 min Scan# 3067
Delta R.T. 0.004 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:266 Resp: 721
Ion Ratio Lower Upper
266 100
264 59.6 49.3 73.9
268 63.2 50.2 75.4

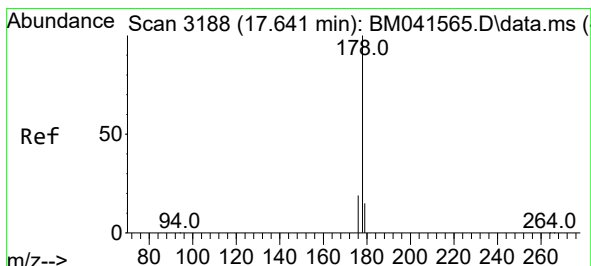
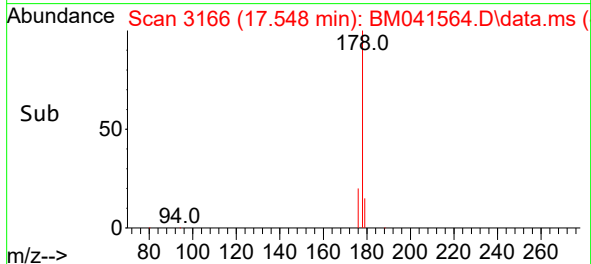
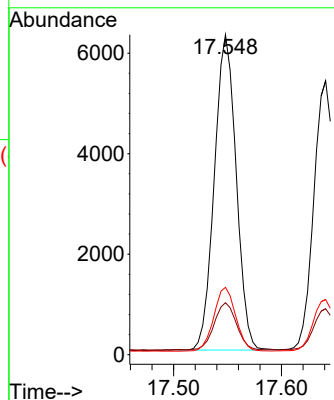
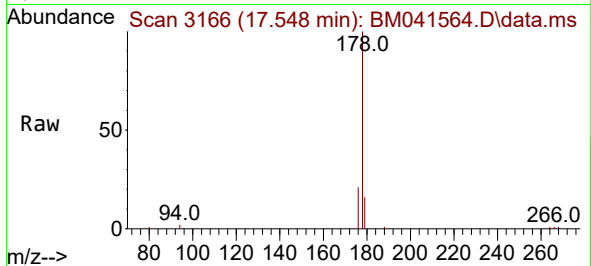




#15
Phenanthrene
Concen: 0.212 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

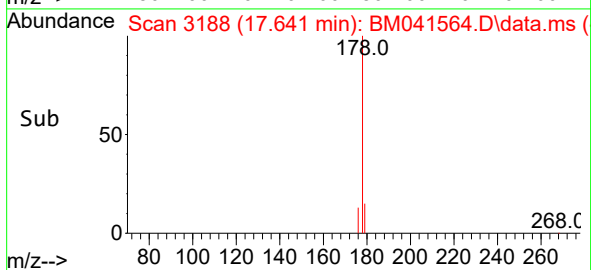
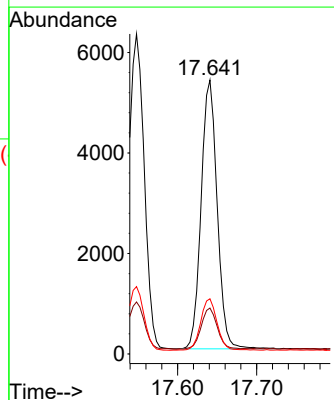
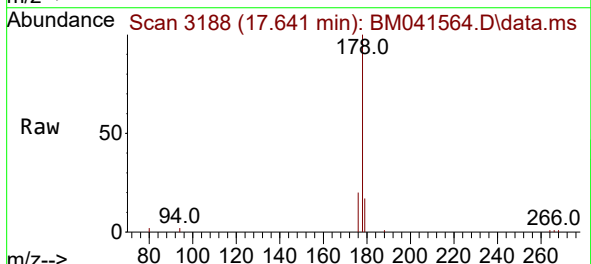
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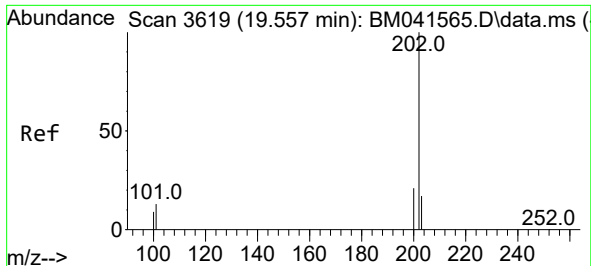
Tgt Ion:178 Resp: 8814
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 21.1 16.2 24.4



#16
Anthracene
Concen: 0.197 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:178 Resp: 7537
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 20.2 15.6 23.4

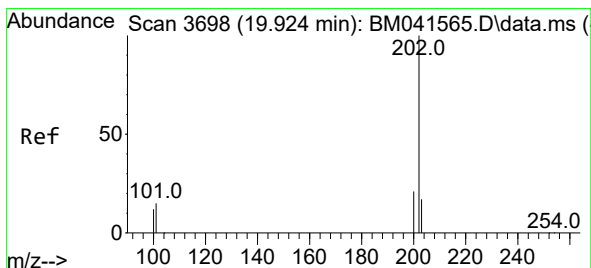
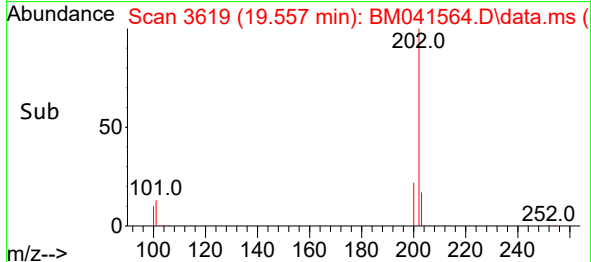
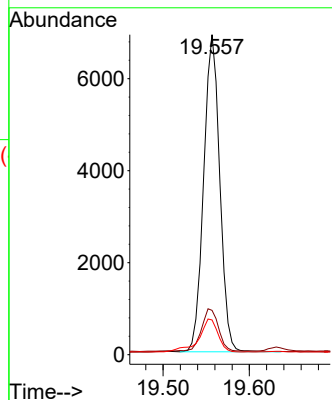
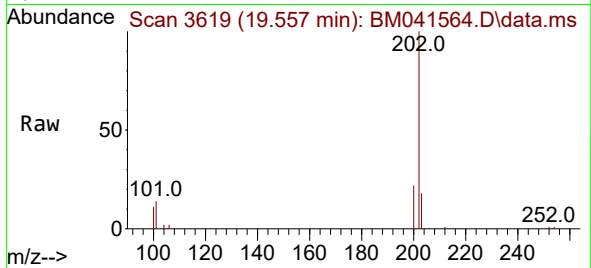




#19
Fluoranthene
Concen: 0.279 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

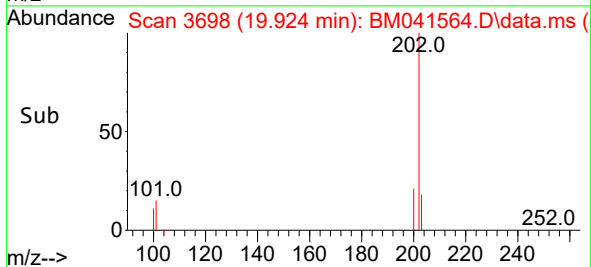
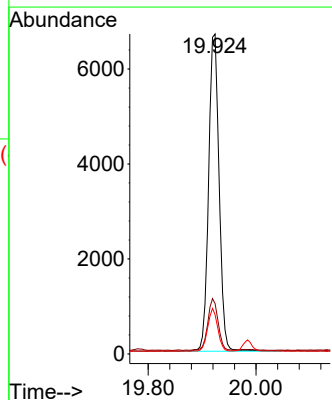
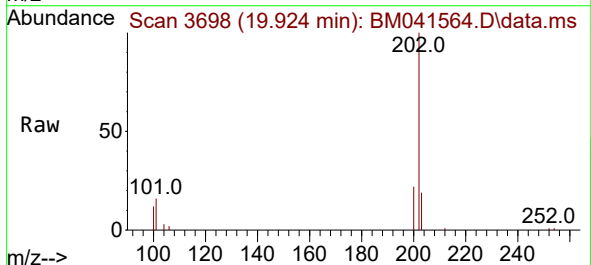
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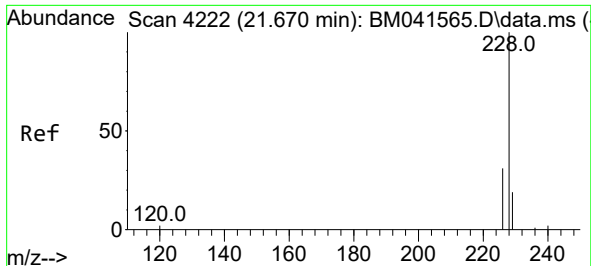
Tgt Ion:202 Resp: 8920
Ion Ratio Lower Upper
202 100
101 13.8 10.7 16.1
100 10.9 8.1 12.1



#20
Pyrene
Concen: 0.279 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:202 Resp: 9021
Ion Ratio Lower Upper
202 100
101 15.8 12.2 18.4
100 12.3 9.8 14.8

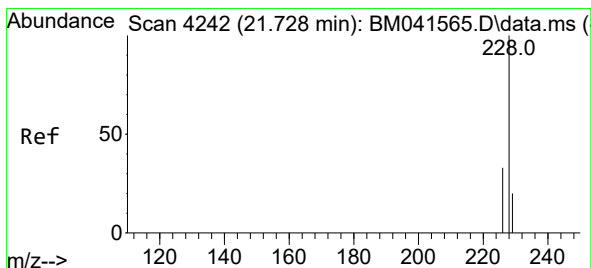
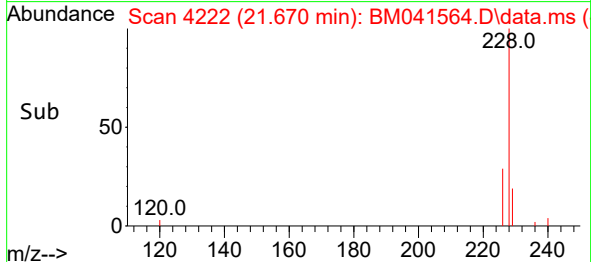
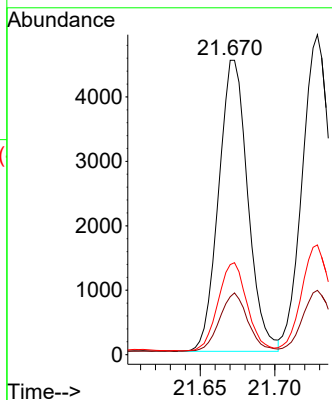
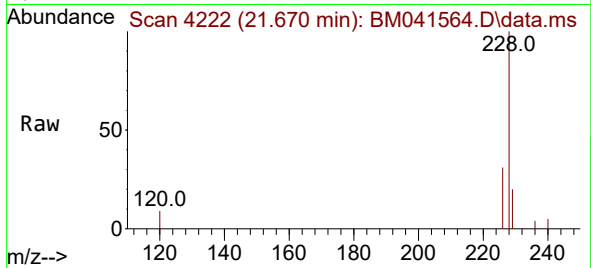




#21
Benzo(a)anthracene
Concen: 0.250 ng/ul
RT: 21.670 min Scan# 4222
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

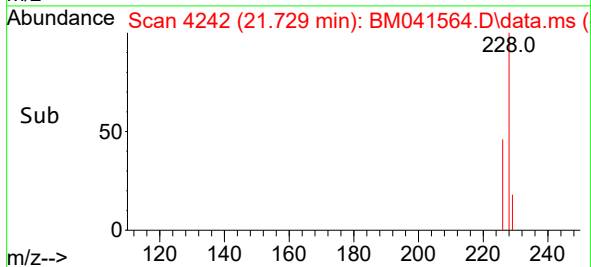
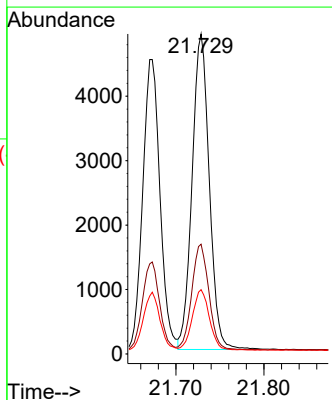
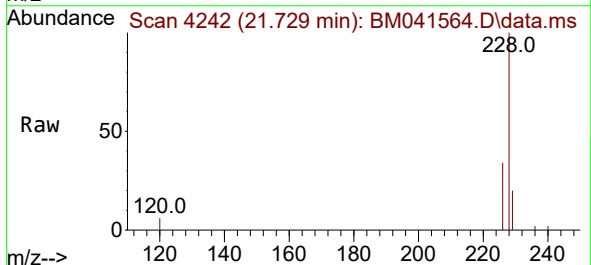
Instrument :
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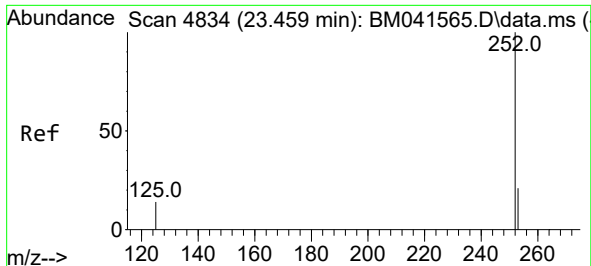
Tgt Ion:	228	Resp:	6155
Ion Ratio	Lower	Upper	
228	100		
229	19.6	15.6	23.4
226	30.6	25.0	37.4



#22
Chrysene
Concen: 0.273 ng/ul
RT: 21.729 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:	228	Resp:	6653
Ion Ratio	Lower	Upper	
228	100		
226	34.3	26.7	40.1
229	20.1	15.9	23.9

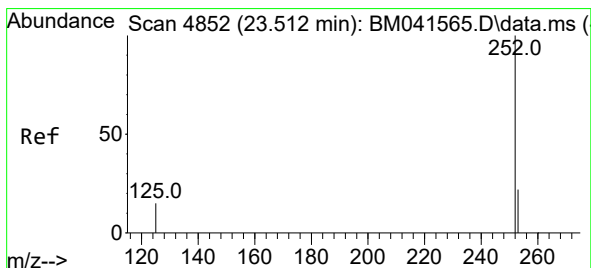
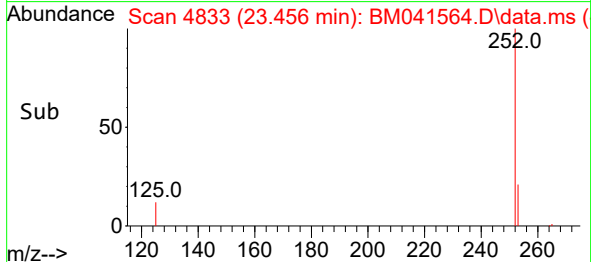
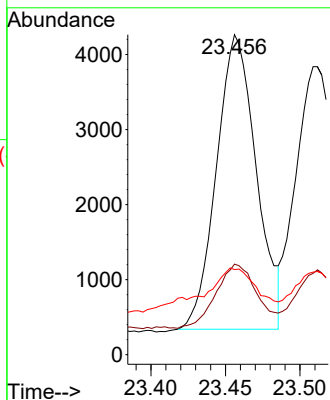
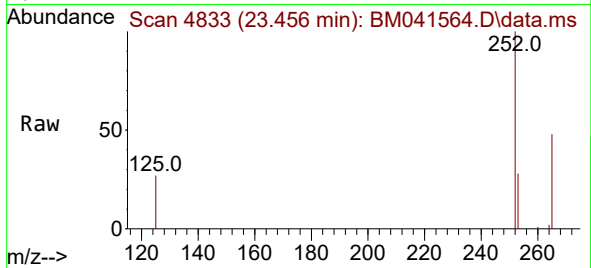




#24
Benzo(b)fluoranthene
Concen: 0.286 ng/ul
RT: 23.456 min Scan# 4833
Delta R.T. -0.003 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

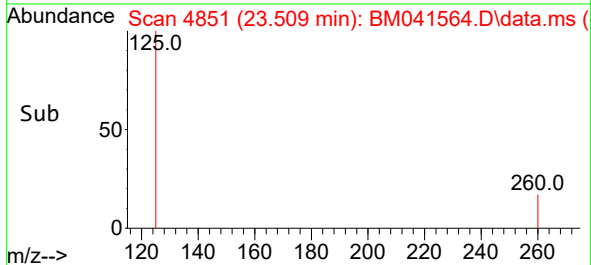
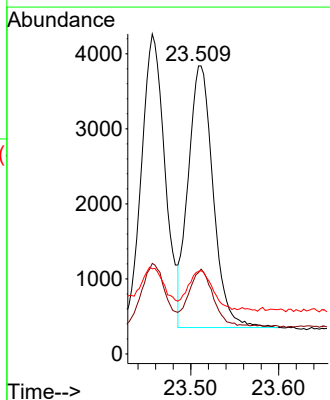
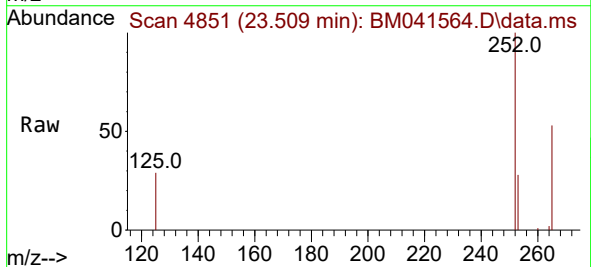
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

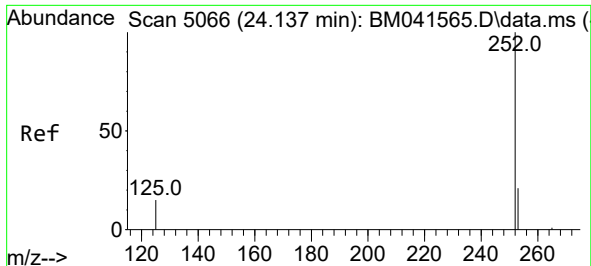
Tgt Ion:252 Resp: 7308
Ion Ratio Lower Upper
252 100
253 28.3 0.0 50.0
125 26.6 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 0.276 ng/ul
RT: 23.509 min Scan# 4851
Delta R.T. -0.003 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:252 Resp: 6898
Ion Ratio Lower Upper
252 100
253 28.2 20.2 30.4
125 28.7 18.2 27.4#

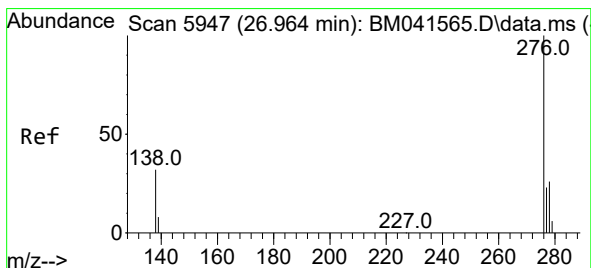
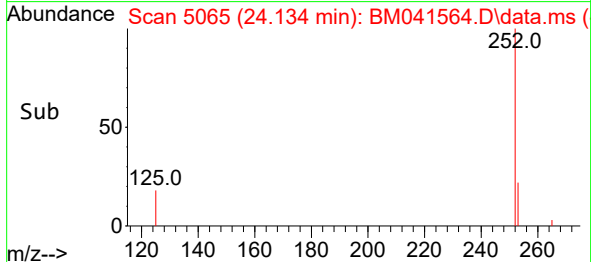
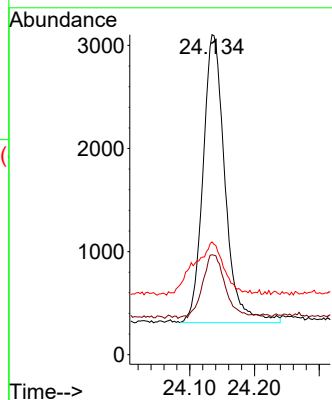
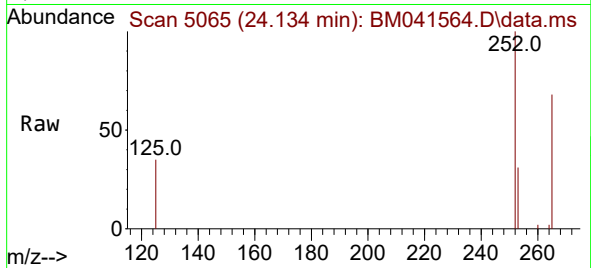




#26
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 24.134 min Scan# 5066
Delta R.T. -0.003 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

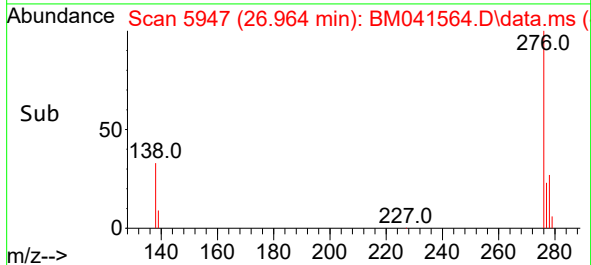
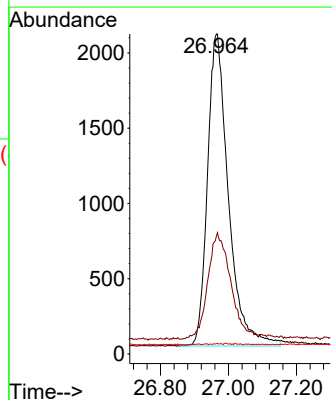
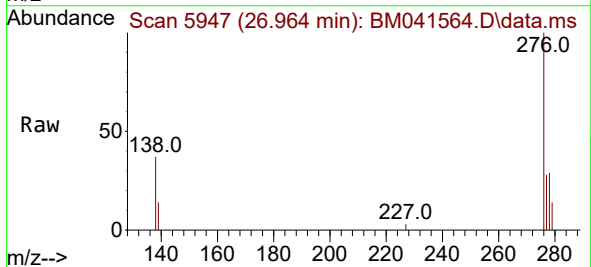
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

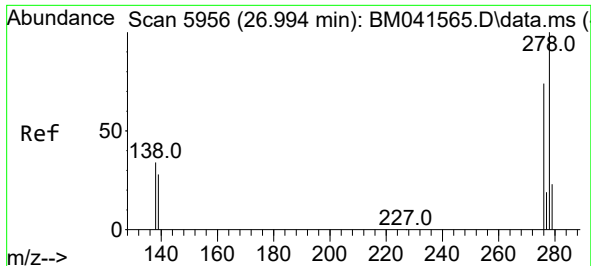
Tgt Ion:252 Resp: 6588
Ion Ratio Lower Upper
252 100
253 31.2 20.9 31.3
125 35.3 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 26.964 min Scan# 5947
Delta R.T. 0.000 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:276 Resp: 8837
Ion Ratio Lower Upper
276 100
138 38.0 30.3 45.5
227 0.1 0.1 0.1#

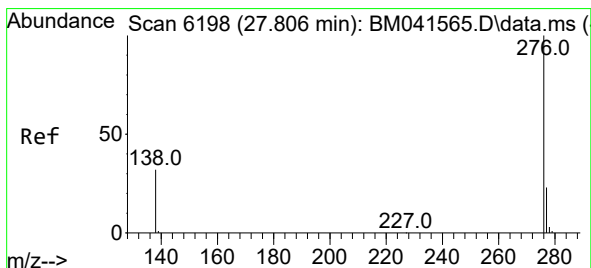
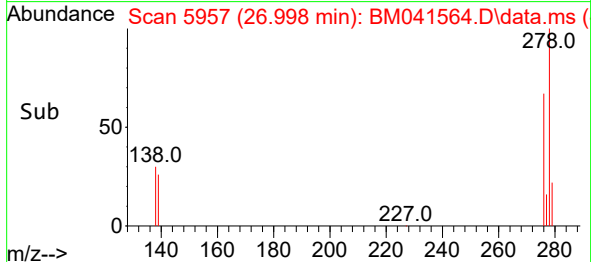
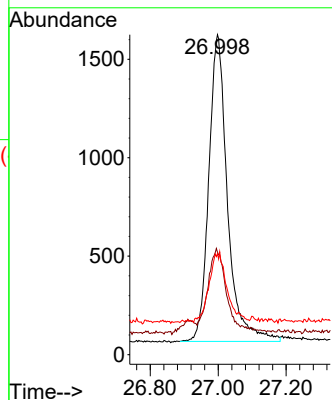
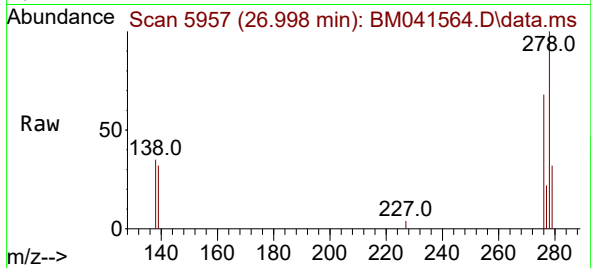




#28
Dibenzo(a,h)anthracene
Concen: 0.267 ng/ul
RT: 26.998 min Scan# 5952
Delta R.T. 0.003 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:278 Resp: 5952
Ion Ratio Lower Upper
278 100
139 32.1 25.0 37.4
279 31.6 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.285 ng/ul
RT: 27.809 min Scan# 6199
Delta R.T. 0.003 min
Lab File: BM041564.D
Acq: 29 Aug 2023 20:09

Tgt Ion:276 Resp: 7420
Ion Ratio Lower Upper
276 100
138 35.0 27.4 41.0
277 27.3 20.4 30.6

