

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041568.D
 Acq On : 29 Aug 2023 22:39
 Operator : MA/JU
 Sample : SSTD3.223
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2013

Quant Time: Aug 30 01:43:17 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

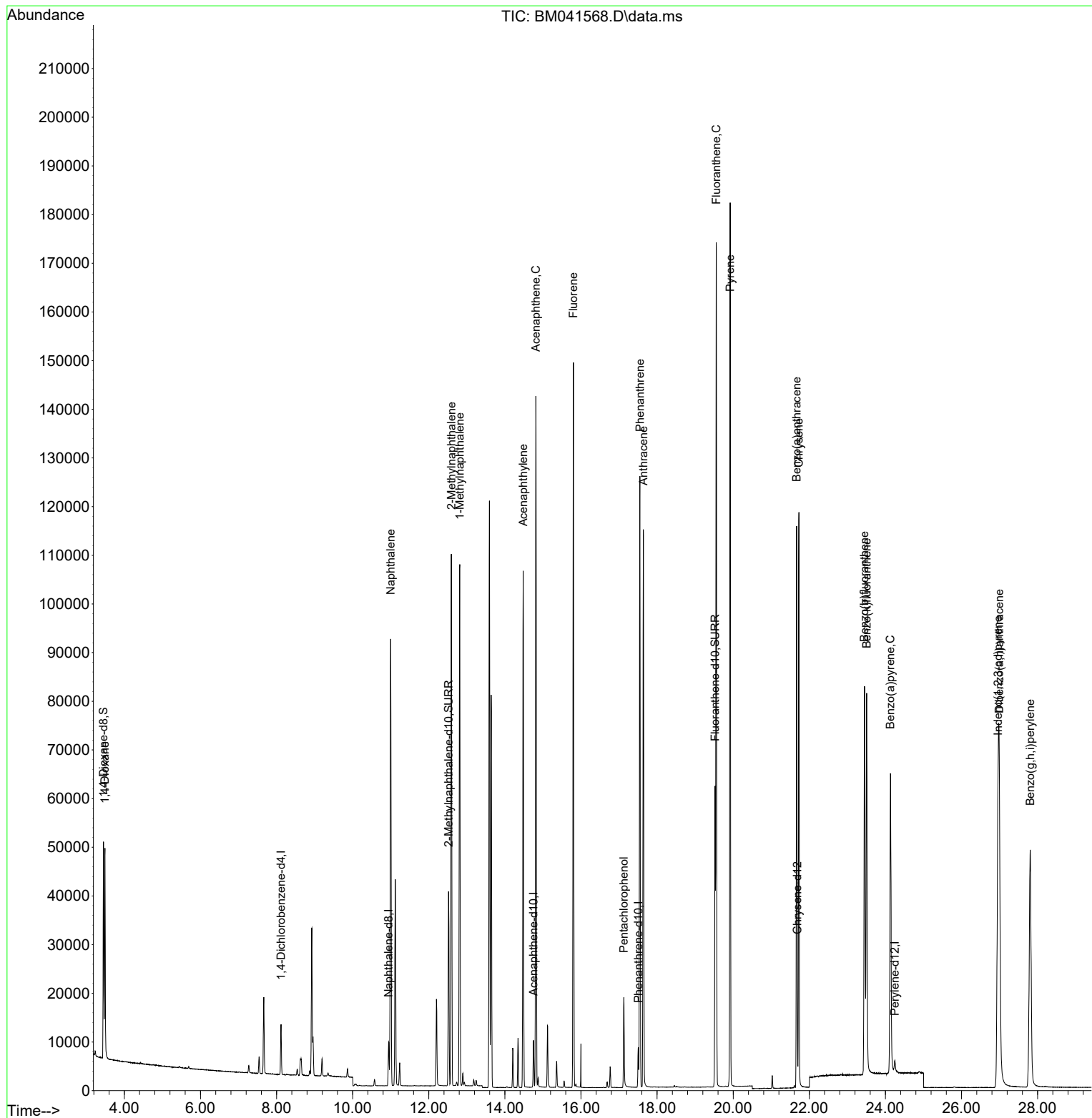
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	5053	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	11516	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	4705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	8504	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	3124	0.400	ng/ul	0.00
23) Perylene-d12	24.249	264	3289	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	24620	3.919	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	47228	3.106	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	50153	3.923	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	26103	4.009	ng/ul#	84
5) Naphthalene	10.999	128	123560	3.354	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	71860	3.217	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	72304	3.203	ng/ul	99
10) Acenaphthylene	14.481	152	113631	3.660	ng/ul	99
11) Acenaphthene	14.814	153	78020	3.577	ng/ul	99
12) Fluorene	15.800	166	87068	3.697	ng/ul	98
14) Pentachlorophenol	17.126	266	12316	3.523	ng/ul	99
15) Phenanthrene	17.548	178	127988	3.667	ng/ul	99
16) Anthracene	17.637	178	121431	3.790	ng/ul	99
19) Fluoranthene	19.557	202	139647	4.825	ng/ul	99
20) Pyrene	19.919	202	138036	4.714	ng/ul	98
21) Benzo(a)anthracene	21.667	228	98302	4.416	ng/ul	99
22) Chrysene	21.726	228	101844	4.619	ng/ul	99
24) Benzo(b)fluoranthene	23.450	252	105935	5.066	ng/ul	91
25) Benzo(k)fluoranthene	23.506	252	107498	5.258	ng/ul#	90
26) Benzo(a)pyrene	24.132	252	98111	5.191	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.958	276	131219	5.166	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.991	278	90781	4.967	ng/ul	93
29) Benzo(g,h,i)perylene	27.806	276	110631	5.199	ng/ul	95

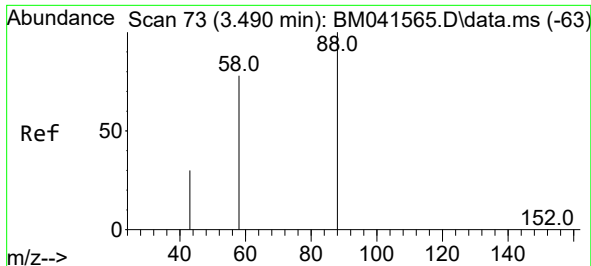
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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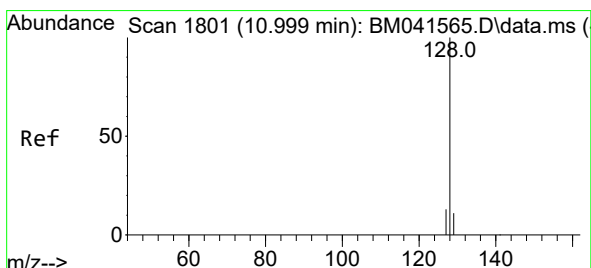
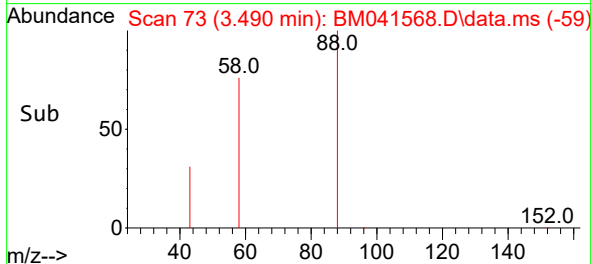
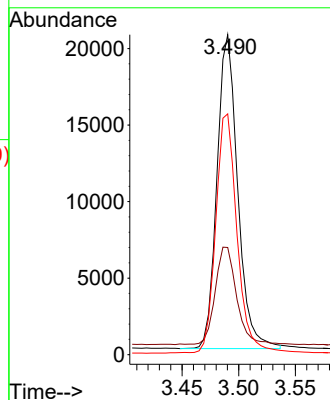
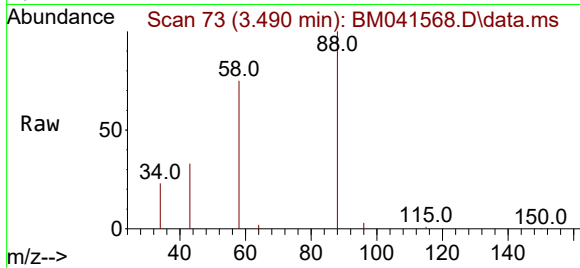




#2
1,4-Dioxane
Concen: 4.009 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

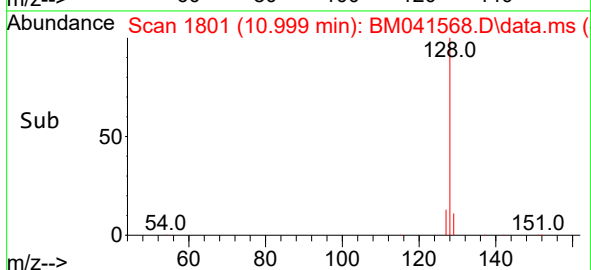
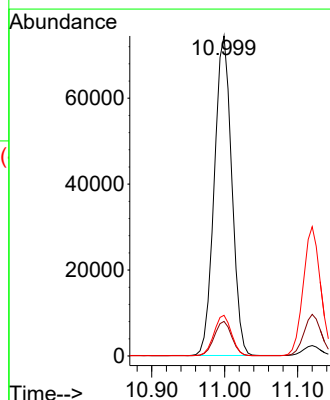
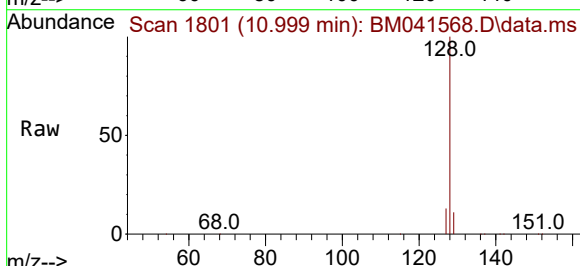
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BNA_M
ClientSampleId :
SSTD3.2013

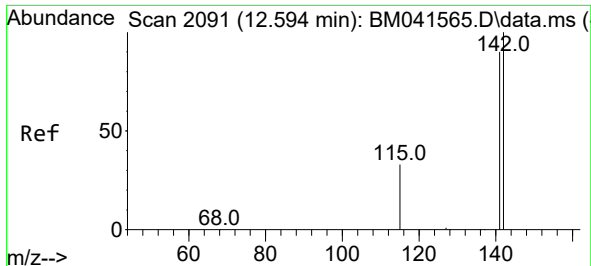
Tgt Ion: 88 Resp: 26103
Ion Ratio Lower Upper
88 100
43 33.5 46.2 69.2#
58 75.2 58.1 87.1



#5
Naphthalene
Concen: 3.354 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion: 128 Resp: 123560
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 12.7 10.6 15.8

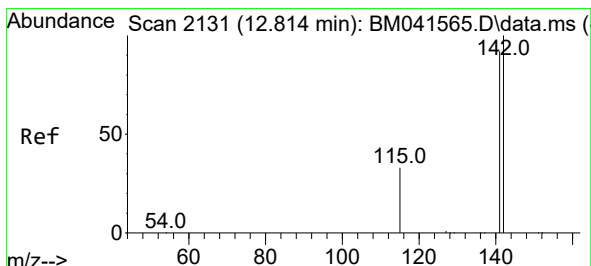
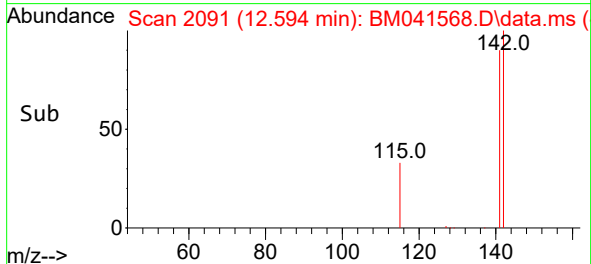
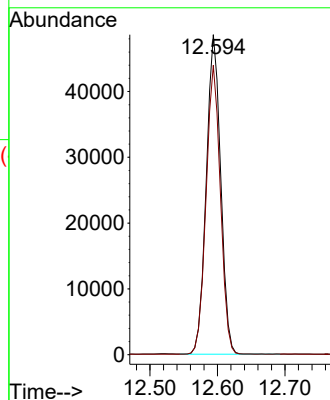
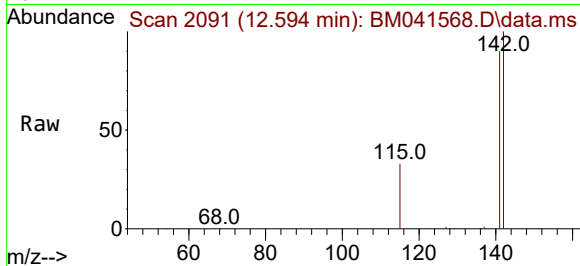




#7
2-Methylnaphthalene
Concen: 3.217 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

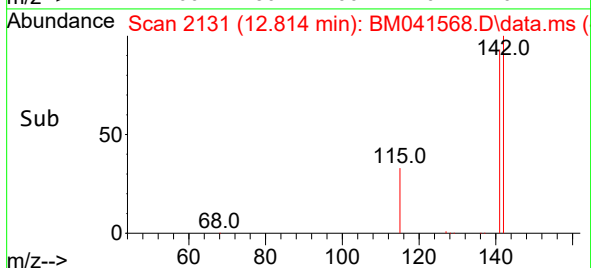
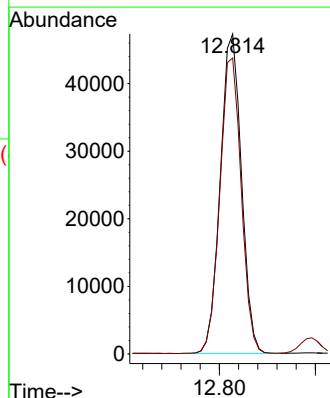
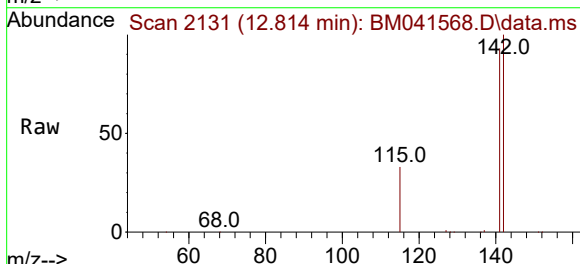
Instrument :
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ClientSampleId :
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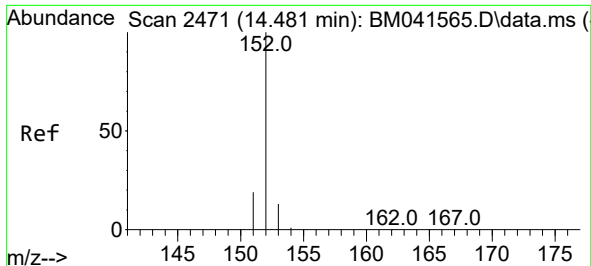
Tgt Ion:142 Resp: 71860
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8



#8
1-Methylnaphthalene
Concen: 3.203 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion:142 Resp: 72304
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.2

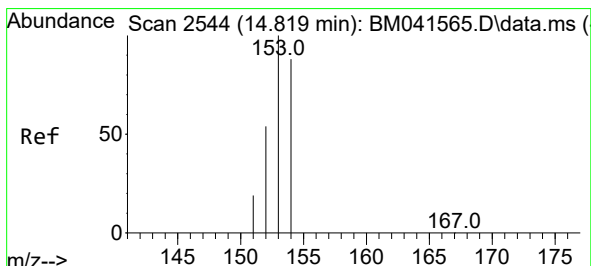
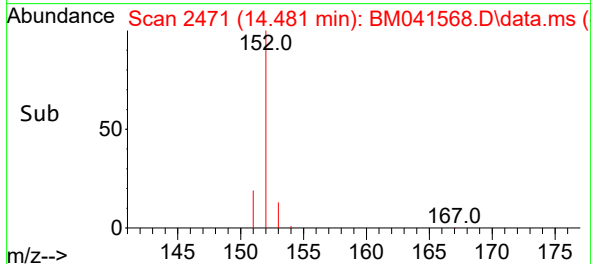
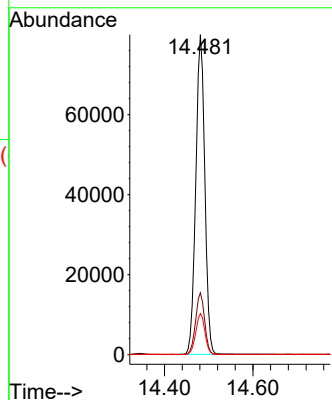
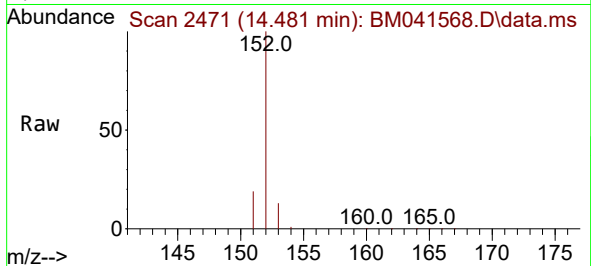




#10
Acenaphthylene
Concen: 3.660 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

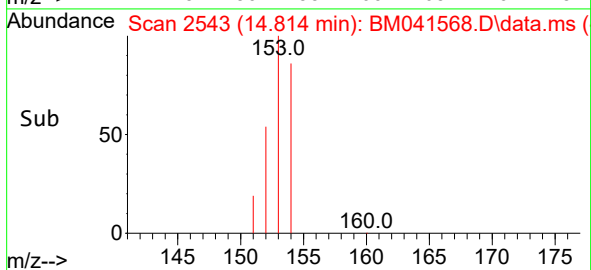
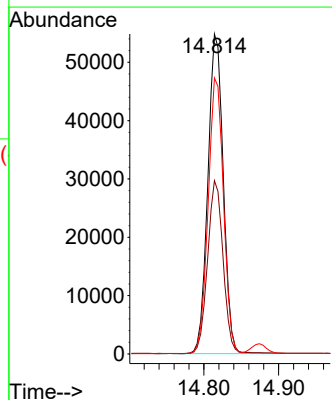
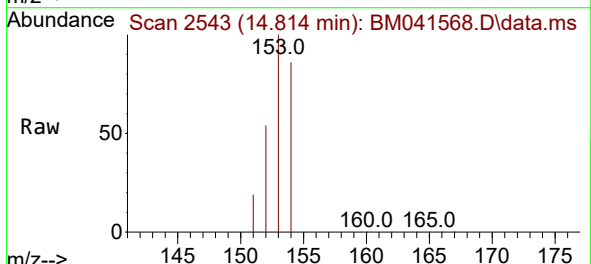
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ClientSampleId :
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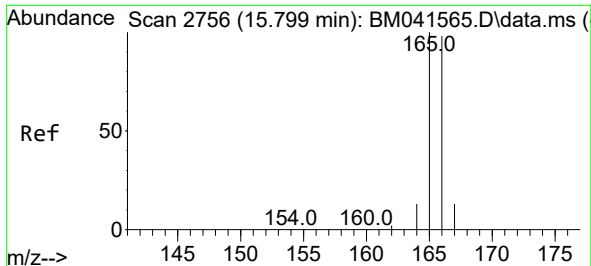
Tgt Ion:152 Resp: 113631
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 12.8 10.6 15.8



#11
Acenaphthene
Concen: 3.577 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.004 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion:153 Resp: 78020
Ion Ratio Lower Upper
153 100
152 54.1 43.4 65.2
154 86.2 70.2 105.2

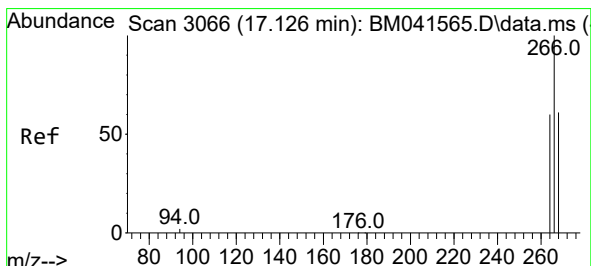
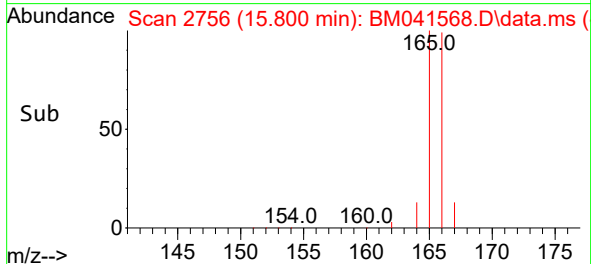
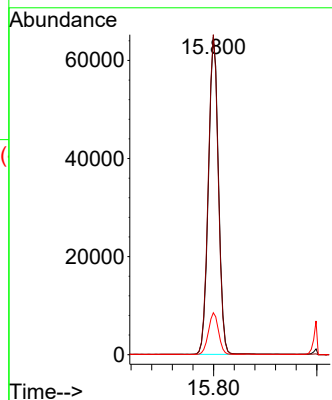
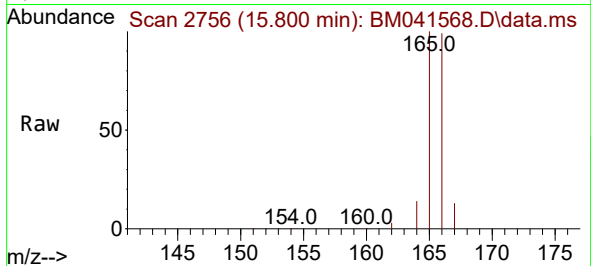




#12
Fluorene
Concen: 3.697 ng/ul
RT: 15.800 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

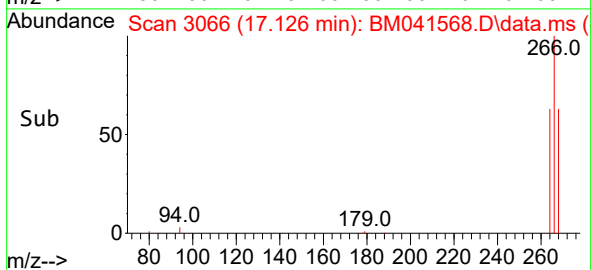
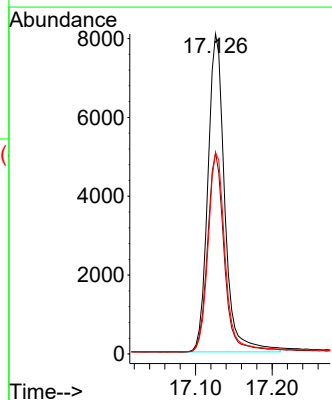
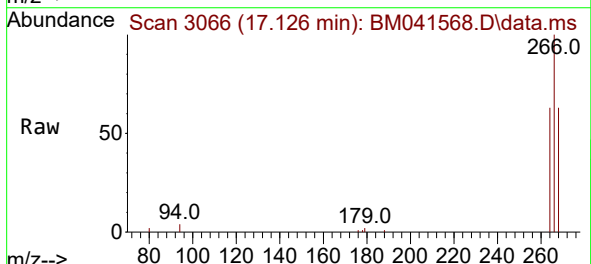
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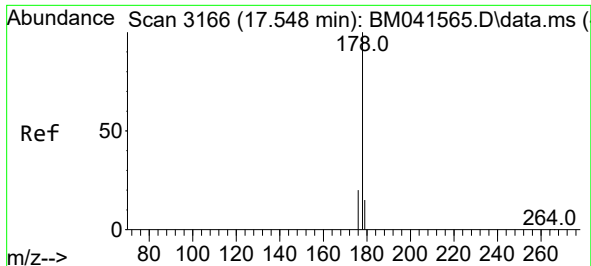
Tgt Ion:166 Resp: 87068
Ion Ratio Lower Upper
166 100
165 100.8 82.2 123.2
167 13.2 11.5 17.3



#14
Pentachlorophenol
Concen: 3.523 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion:266 Resp: 12316
Ion Ratio Lower Upper
266 100
264 62.6 49.3 73.9
268 63.4 50.2 75.4

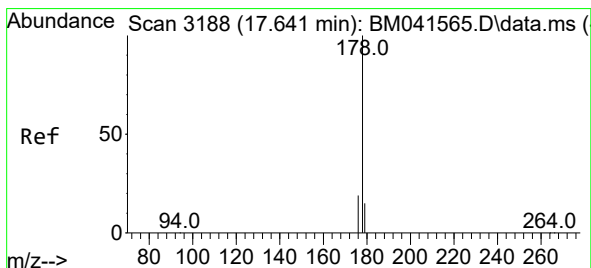
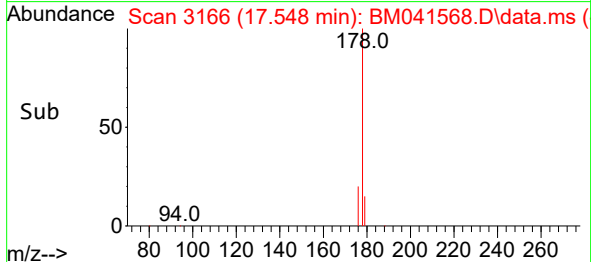
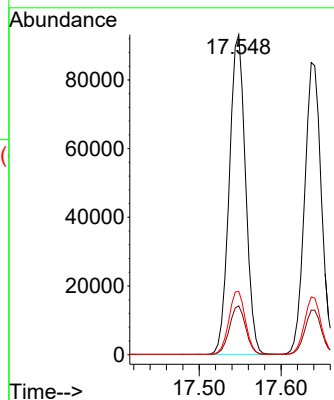
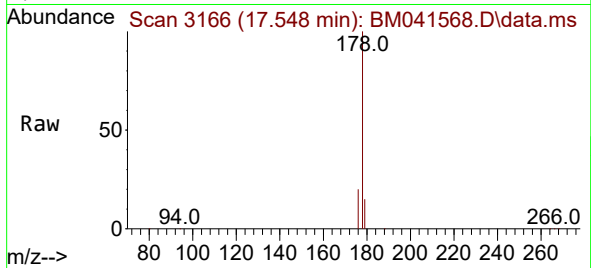




#15
Phenanthrene
Concen: 3.667 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

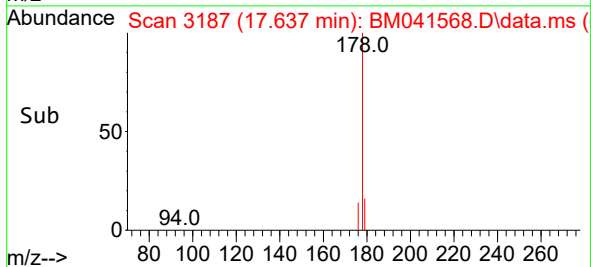
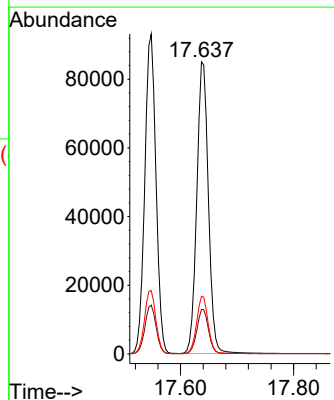
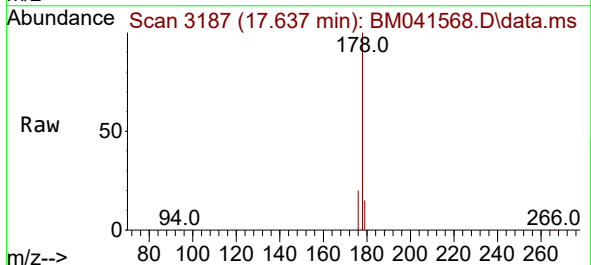
Instrument :
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ClientSampleId :
SSTD3.2013

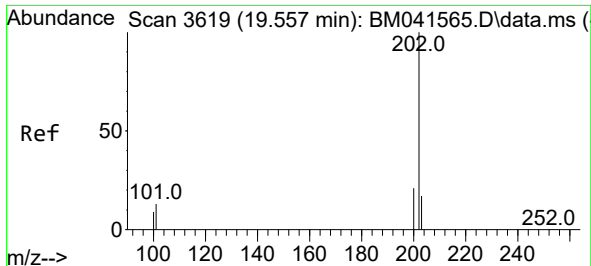
Tgt Ion:178 Resp: 127988
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.8 16.2 24.4



#16
Anthracene
Concen: 3.790 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion:178 Resp: 121431
Ion Ratio Lower Upper
178 100
179 15.2 12.9 19.3
176 19.7 15.6 23.4

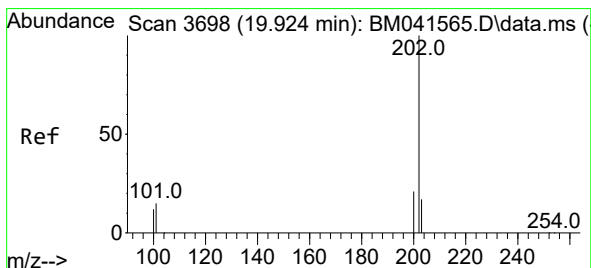
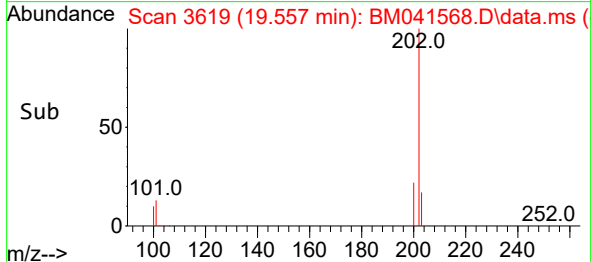
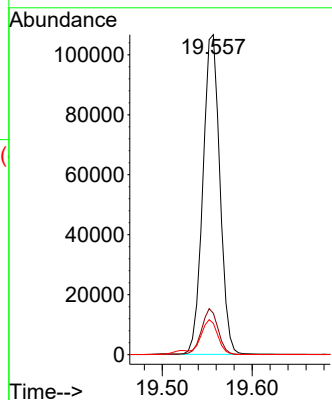
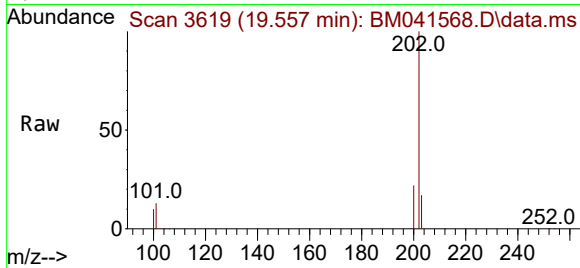




#19
Fluoranthene
Concen: 4.825 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

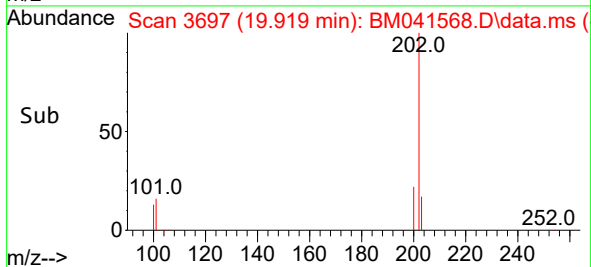
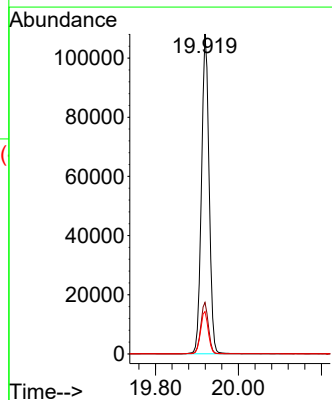
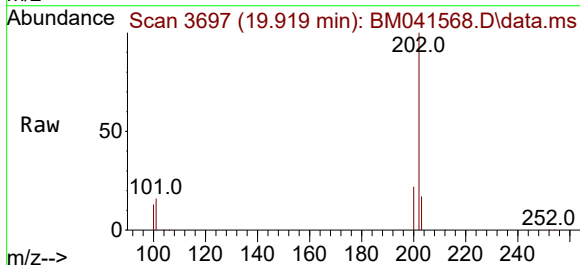
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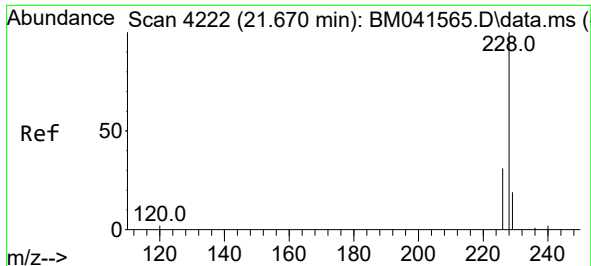
Tgt Ion:202 Resp: 139647
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 9.8 8.1 12.1



#20
Pyrene
Concen: 4.714 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.004 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion:202 Resp: 138036
Ion Ratio Lower Upper
202 100
101 16.1 12.2 18.4
100 13.3 9.8 14.8

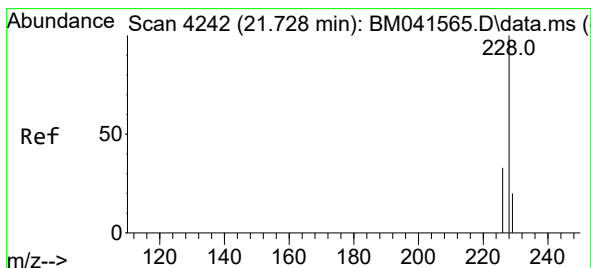
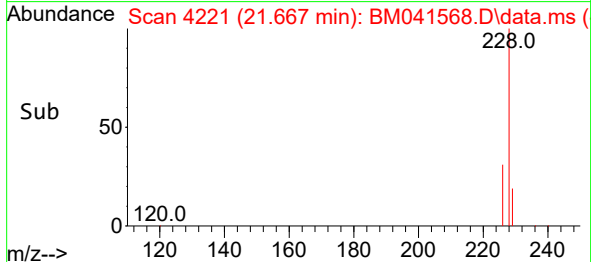
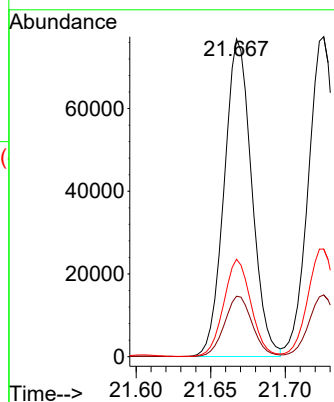
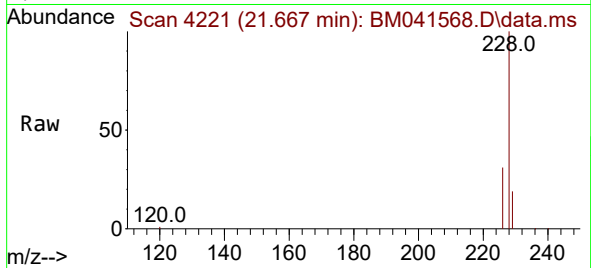




#21
Benzo(a)anthracene
Concen: 4.416 ng/ul
RT: 21.667 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

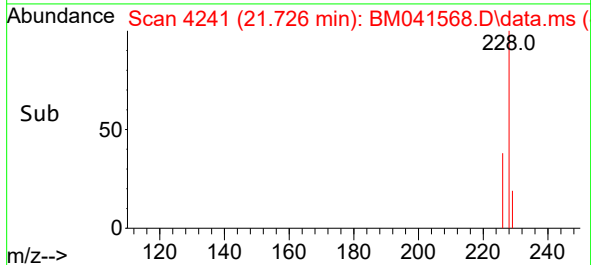
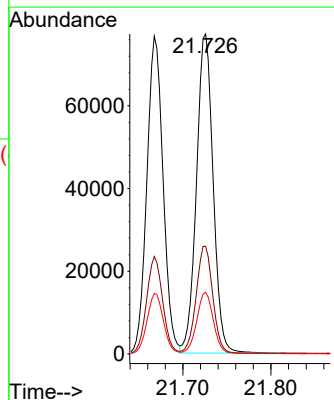
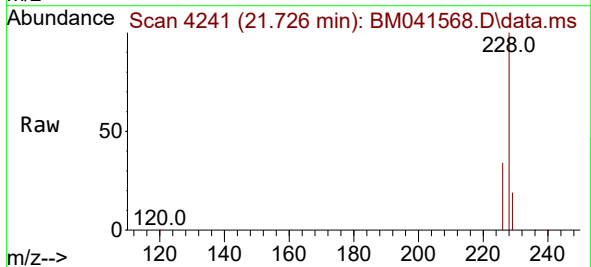
Instrument :
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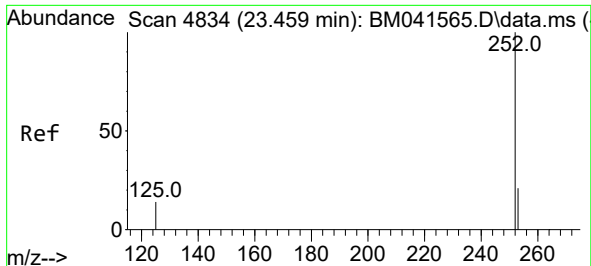
Tgt Ion:228 Resp: 98302
Ion Ratio Lower Upper
228 100
229 19.0 15.6 23.4
226 30.7 25.0 37.4



#22
Chrysene
Concen: 4.619 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.003 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion:228 Resp: 101844
Ion Ratio Lower Upper
228 100
226 33.7 26.7 40.1
229 19.3 15.9 23.9

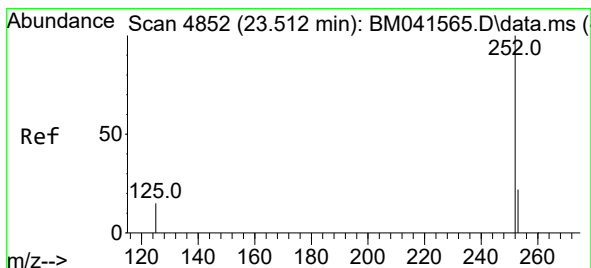
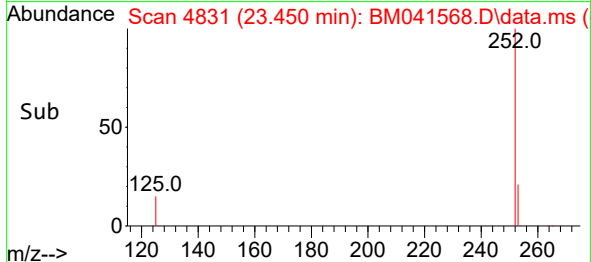
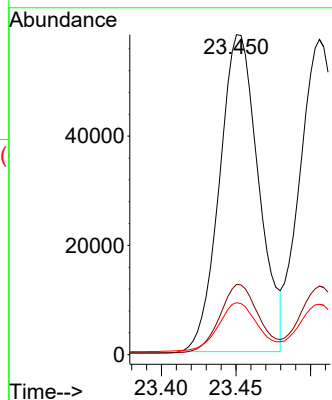
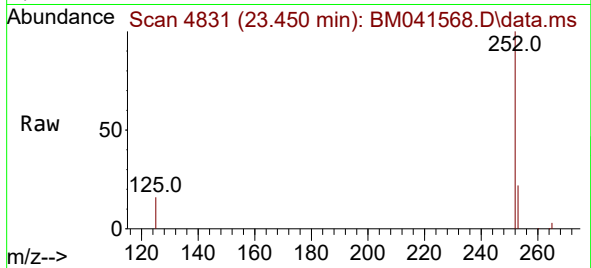




#24
Benzo(b)fluoranthene
Concen: 5.066 ng/ul
RT: 23.450 min Scan# 4831
Delta R.T. -0.009 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

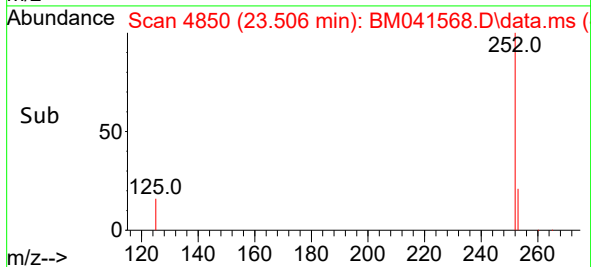
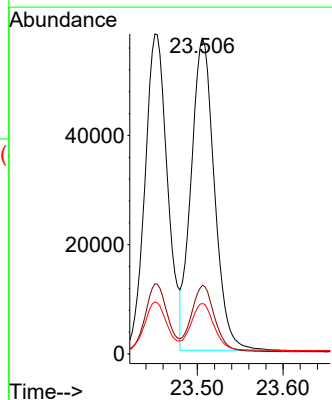
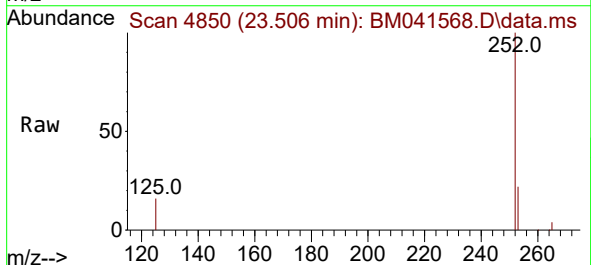
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

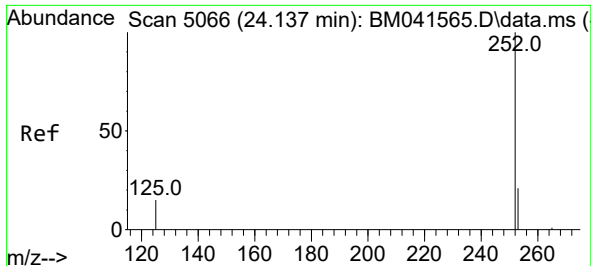
Tgt Ion:252 Resp: 105935
Ion Ratio Lower Upper
252 100
253 21.9 0.0 50.0
125 16.2 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 5.258 ng/ul
RT: 23.506 min Scan# 4850
Delta R.T. -0.006 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion:252 Resp: 107498
Ion Ratio Lower Upper
252 100
253 21.7 20.2 30.4
125 16.0 18.2 27.4#

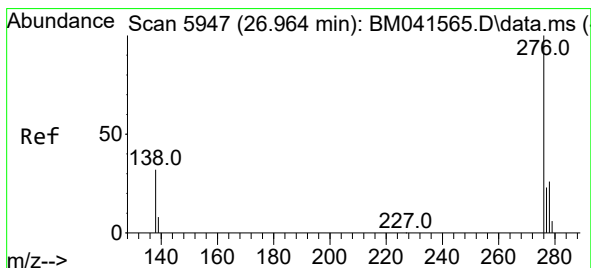
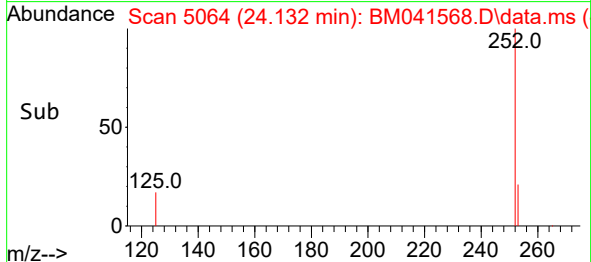
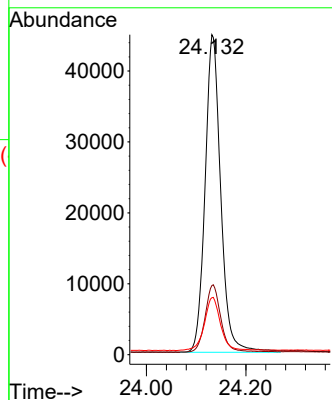
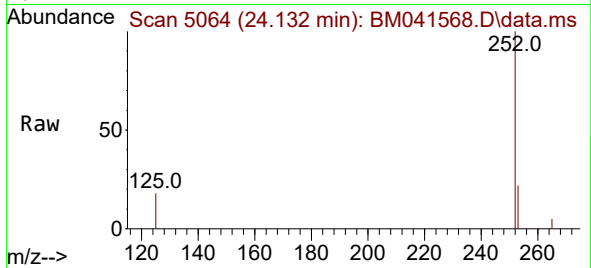




#26
Benzo(a)pyrene
Concen: 5.191 ng/ul
RT: 24.132 min Scan# 5066
Delta R.T. -0.006 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

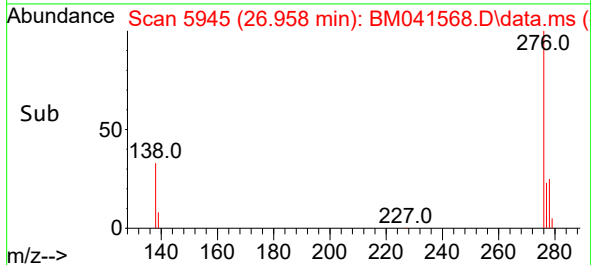
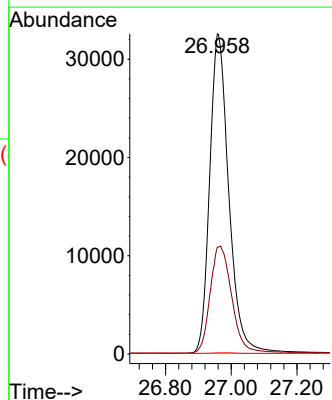
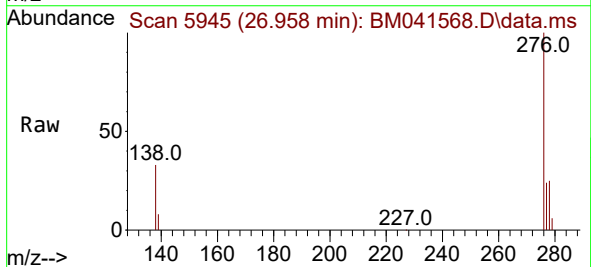
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

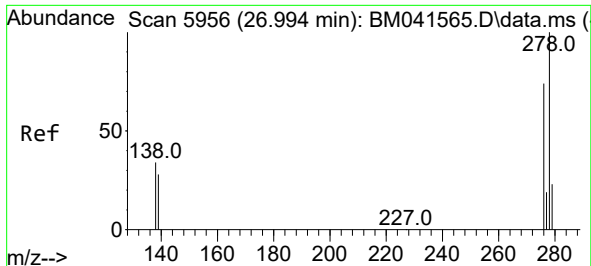
Tgt Ion:252 Resp: 98111
Ion Ratio Lower Upper
252 100
253 21.6 20.9 31.3
125 17.8 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.166 ng/ul
RT: 26.958 min Scan# 5945
Delta R.T. -0.007 min
Lab File: BM041568.D
Acq: 29 Aug 2023 22:39

Tgt Ion:276 Resp: 131219
Ion Ratio Lower Upper
276 100
138 37.7 30.3 45.5
227 0.0 0.1 0.1#

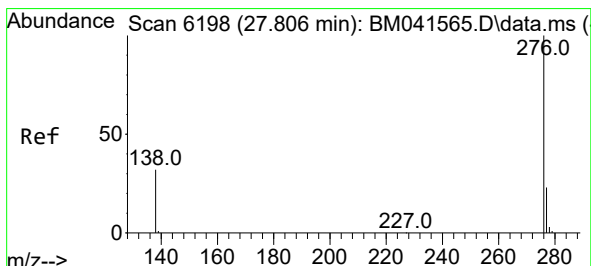
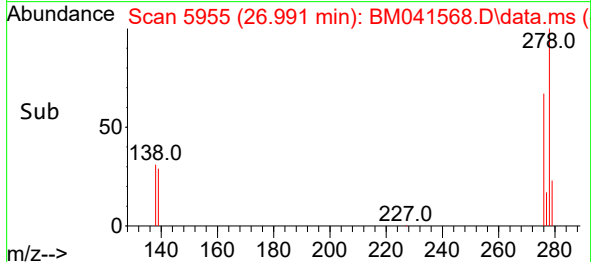
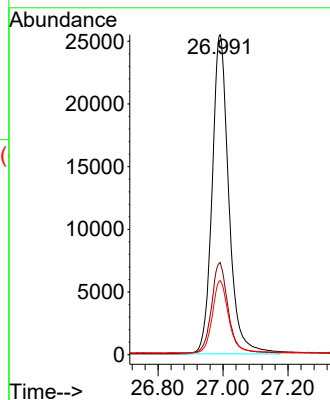
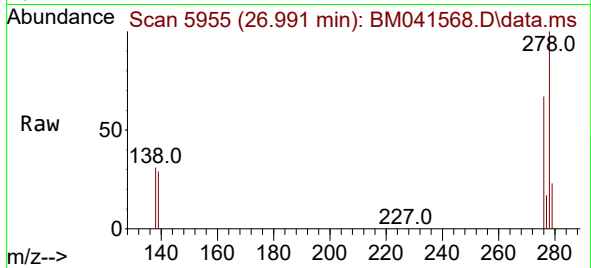




#28
 Dibenzo(a,h)anthracene
 Concen: 4.967 ng/ul
 RT: 26.991 min Scan# 5955
 Delta R.T. -0.003 min
 Lab File: BM041568.D
 Acq: 29 Aug 2023 22:39

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2013

Tgt Ion:278 Resp: 90781
 Ion Ratio Lower Upper
 278 100
 139 28.8 25.0 37.4
 279 23.1 22.6 34.0



#29
 Benzo(g,h,i)perylene
 Concen: 5.199 ng/ul
 RT: 27.806 min Scan# 6198
 Delta R.T. 0.000 min
 Lab File: BM041568.D
 Acq: 29 Aug 2023 22:39

Tgt Ion:276 Resp: 110631
 Ion Ratio Lower Upper
 276 100
 138 31.7 27.4 41.0
 277 22.8 20.4 30.6

