

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030568.D
 Acq On : 24 Jun 2021 10:43
 Operator : CG/JU
 Sample : PB137202BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS202

Quant Time: Jun 24 11:14:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 01:55:26 2021
 Response via : Initial Calibration

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

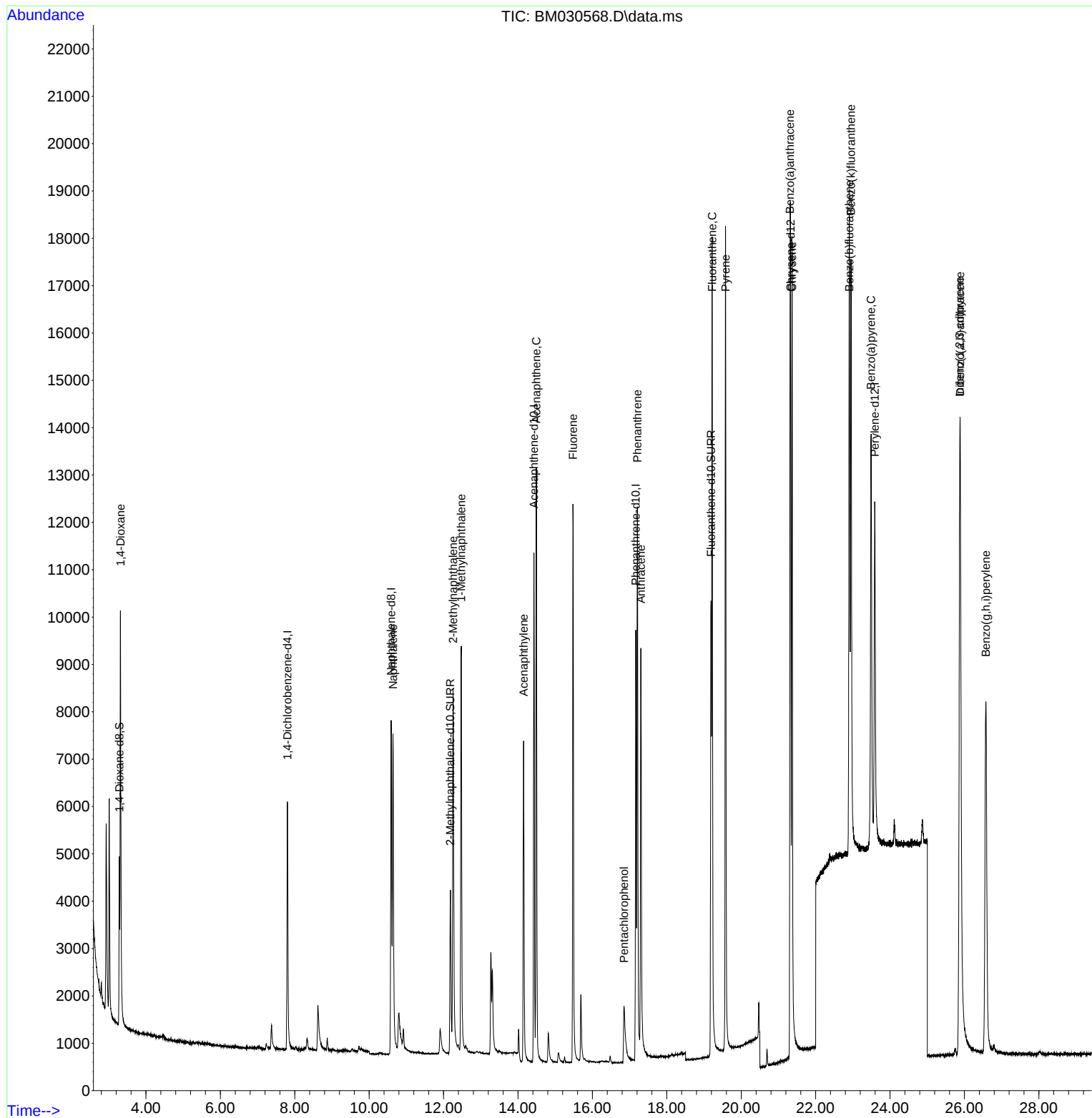
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	3157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.590	136	11664	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	6504	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	12270	0.400	ng/ul	0.00
17) Chrysene-d12	21.328	240	10287	0.400	ng/ul	0.00
23) Perylene-d12	23.588	264	10695	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.283	96	2292	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.182	152	6004	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.188	212	11964	0.379	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	5913	1.679	ng/ul#	83
5) Naphthalene	10.640	128	10943	0.315	ng/ul	99
7) 2-Methylnaphthalene	12.254	142	7388	0.316	ng/ul	100
8) 1-Methylnaphthalene	12.475	142	6888	0.303	ng/ul	99
10) Acenaphthylene	14.152	152	9370	0.308	ng/ul	99
11) Acenaphthene	14.493	153	7918	0.319	ng/ul	99
12) Fluorene	15.479	166	8754	0.319	ng/ul	97
14) Pentachlorophenol	16.853	266	2040	0.571	ng/ul	95
15) Phenanthrene	17.207	178	14342	0.328	ng/ul	99
16) Anthracene	17.305	178	11861	0.310	ng/ul	99
19) Fluoranthene	19.218	202	16753	0.354	ng/ul	99
20) Pyrene	19.580	202	17241	0.356	ng/ul	99
21) Benzo(a)anthracene	21.314	228	14515	0.355	ng/ul	99
22) Chrysene	21.365	228	16917	0.373	ng/ul	99
24) Benzo(b)fluoranthene	22.905	252	17623	0.379	ng/ul	95
25) Benzo(k)fluoranthene	22.951	252	18677	0.383	ng/ul	96
26) Benzo(a)pyrene	23.491	252	15775	0.382	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.875	276	20282	0.386	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.887	278	16090	0.384	ng/ul	96
29) Benzo(g,h,i)perylene	26.578	276	18060	0.398	ng/ul	99

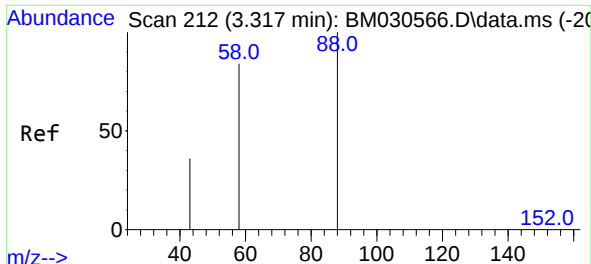
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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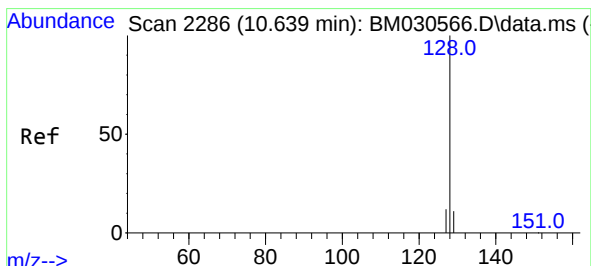
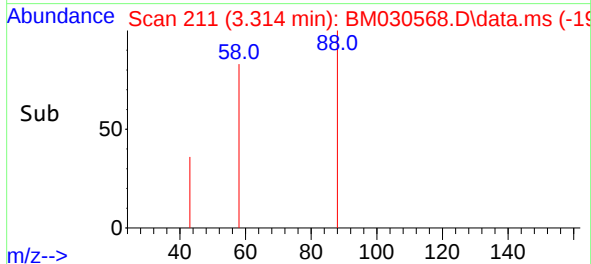
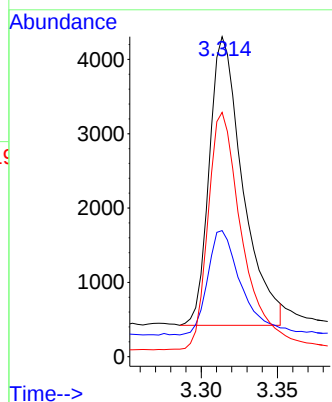
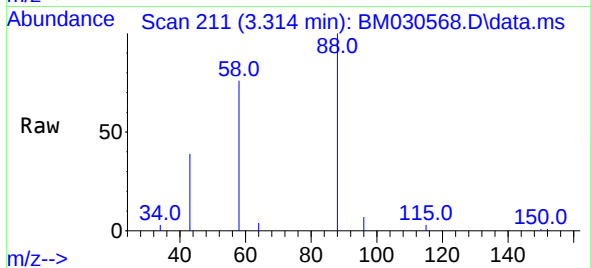




#2
1,4-Dioxane
Concen: 1.679 ng/ul
RT: 3.314 min Scan# 211
Delta R.T. -0.003 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

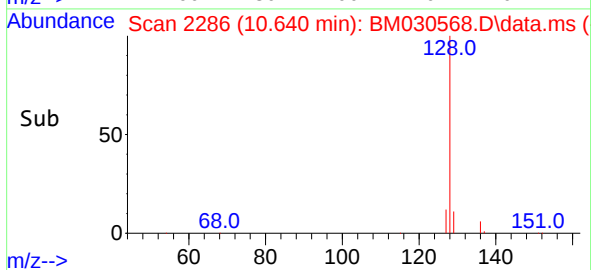
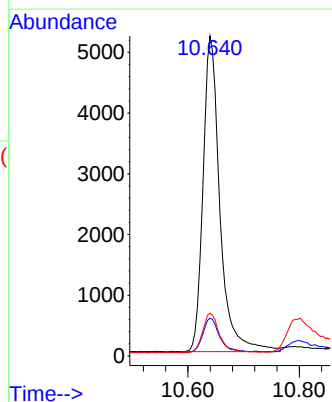
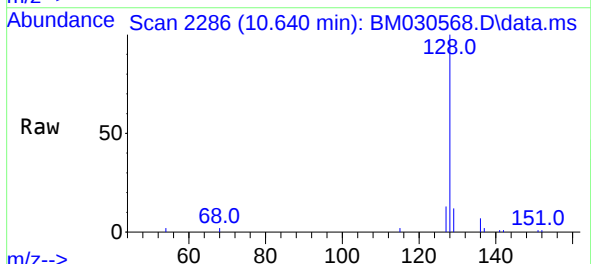
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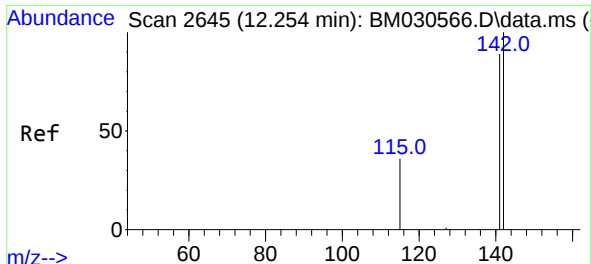
Tgt Ion: 88 Resp: 5913
Ion Ratio Lower Upper
88 100
43 39.4 37.7 56.5
58 76.4 48.5 72.7#



#5
Naphthalene
Concen: 0.315 ng/ul
RT: 10.640 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion: 128 Resp: 10943
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.3 10.9 16.3

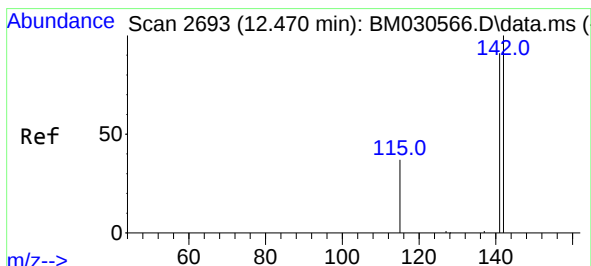
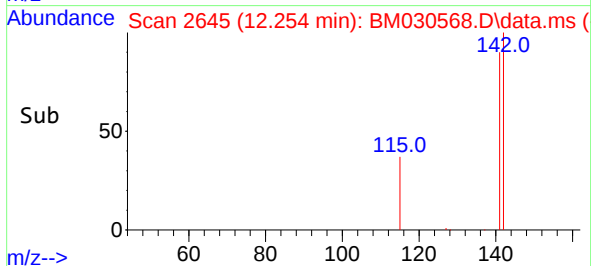
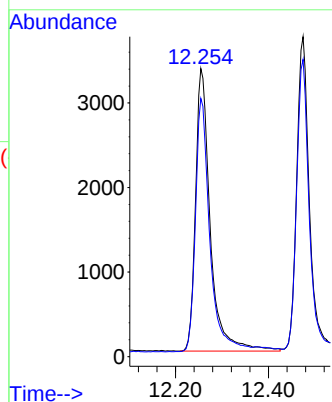
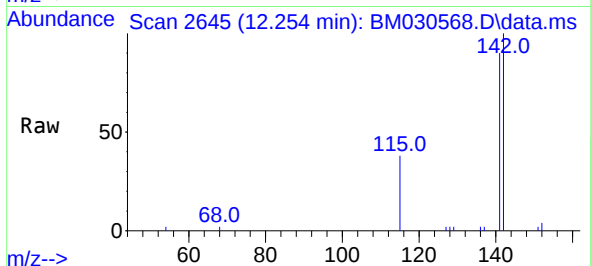




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

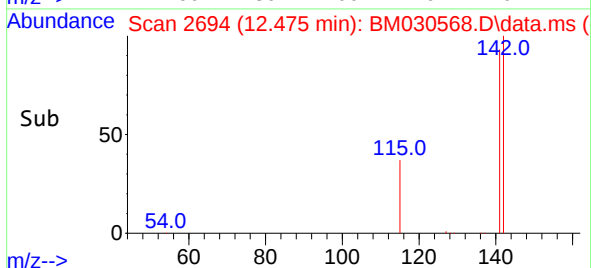
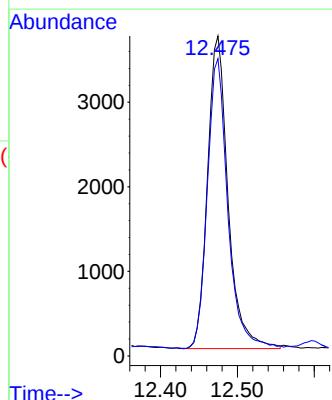
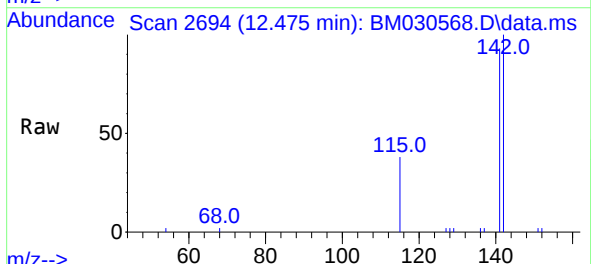
Instrument :
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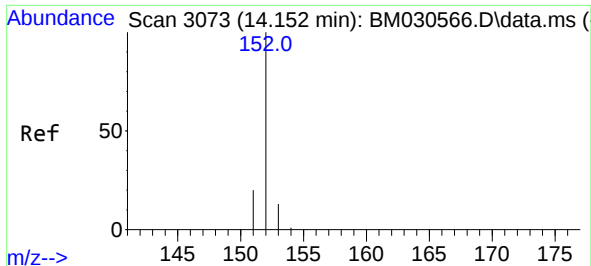
Tgt Ion:142 Resp: 7388
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.475 min Scan# 2694
Delta R.T. 0.000 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion:142 Resp: 6888
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

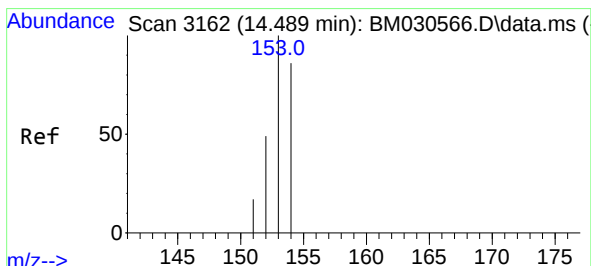
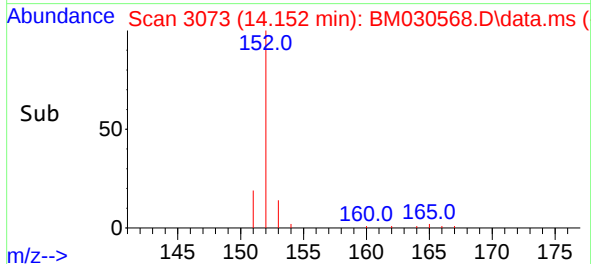
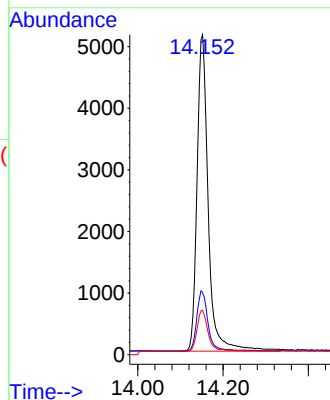
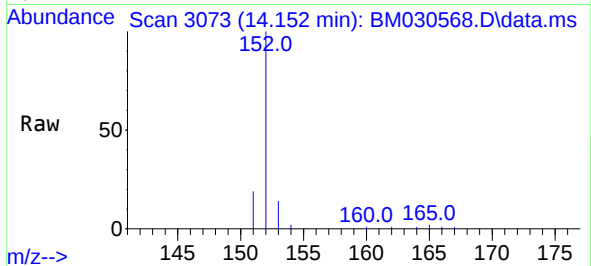




#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.152 min Scan# 3073
Delta R.T. 0.000 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

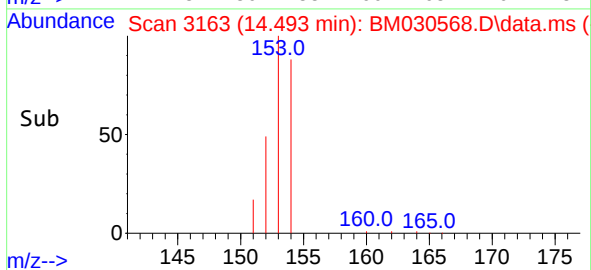
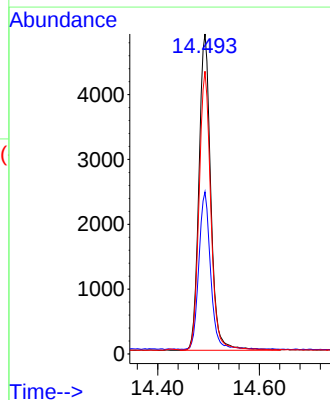
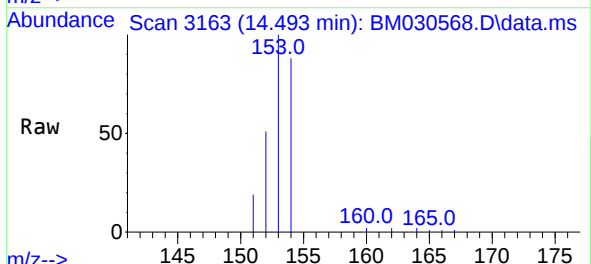
Instrument :
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ClientSampleId :
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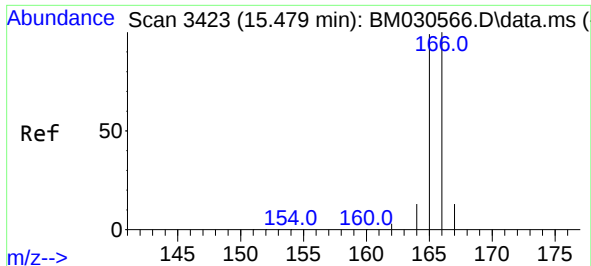
Tgt Ion:	152	Resp:	9370
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.9	10.7	16.1



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.493 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion:	153	Resp:	7918
Ion	Ratio	Lower	Upper
153	100		
152	50.6	40.2	60.2
154	88.3	71.2	106.8

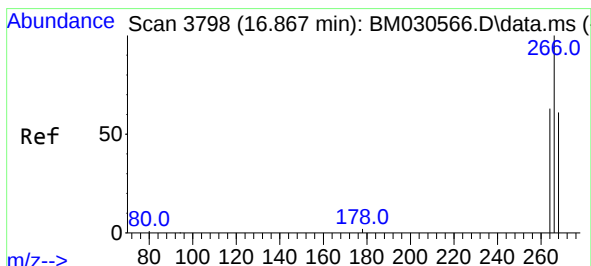
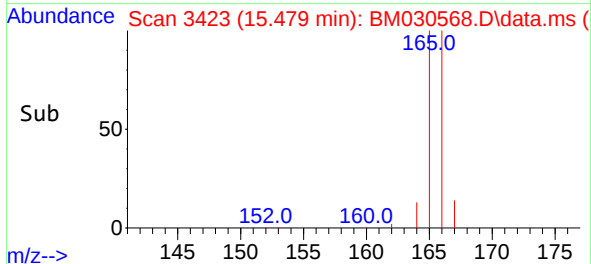
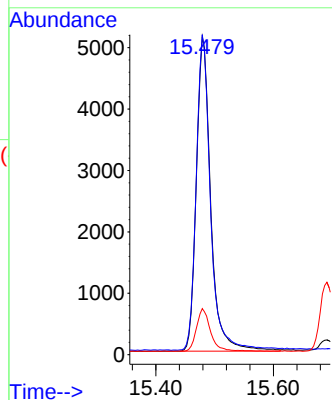
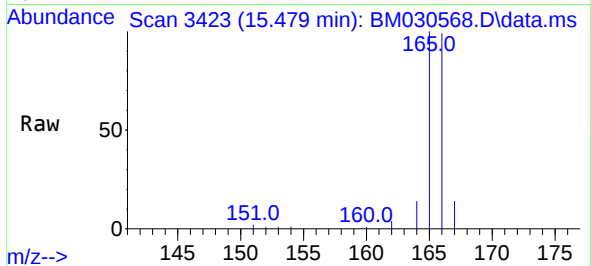




#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.479 min Scan# 3423
Delta R.T. -0.004 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

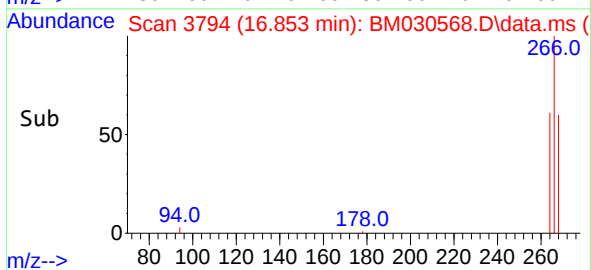
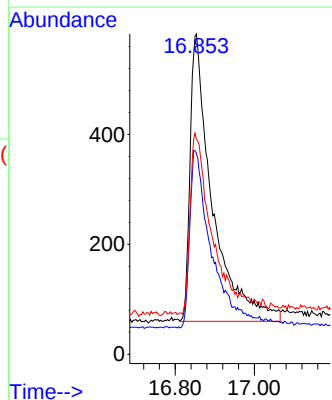
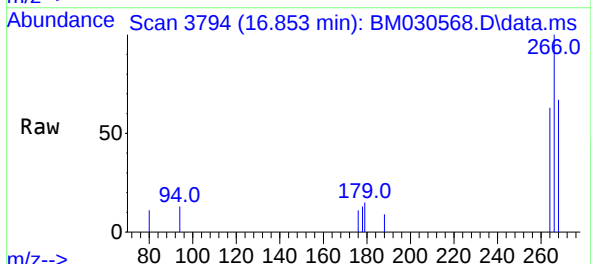
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ClientSampleId :
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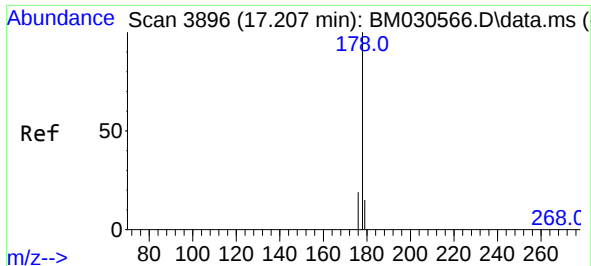
Tgt Ion:166 Resp: 8754
Ion Ratio Lower Upper
166 100
165 100.7 77.7 116.5
167 14.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.571 ng/ul
RT: 16.853 min Scan# 3794
Delta R.T. 0.000 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion:266 Resp: 2040
Ion Ratio Lower Upper
266 100
264 62.7 47.7 71.5
268 63.9 47.5 71.3

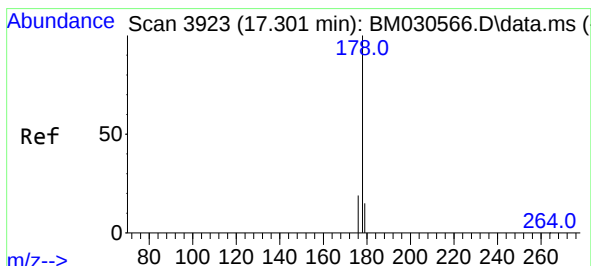
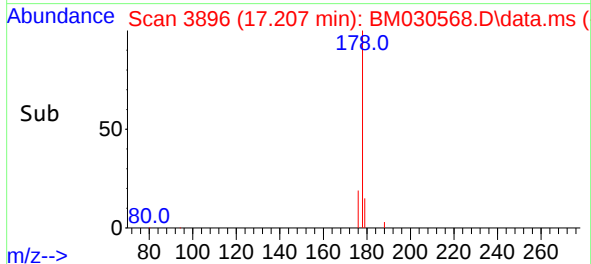
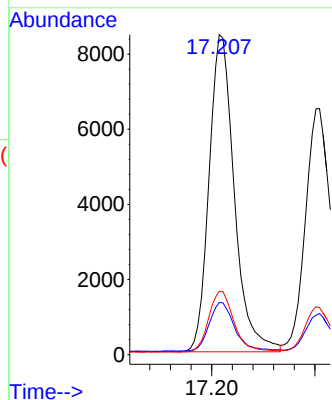
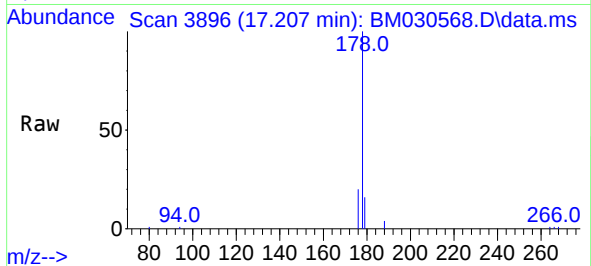




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.207 min Scan# 3896
Delta R.T. 0.000 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

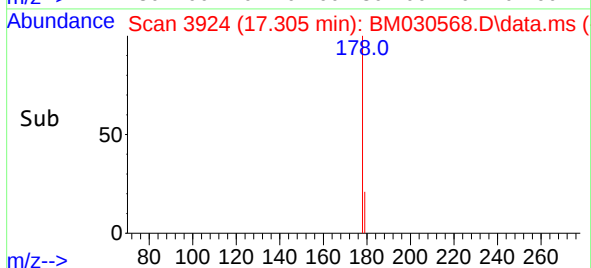
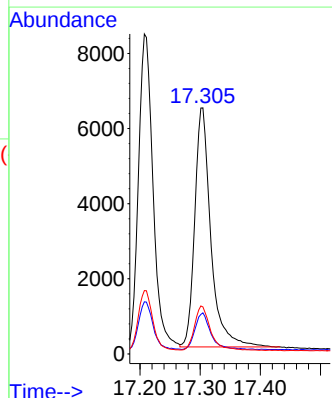
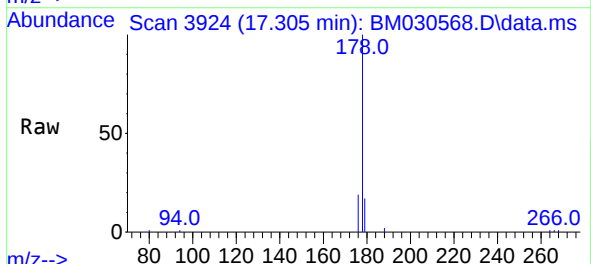
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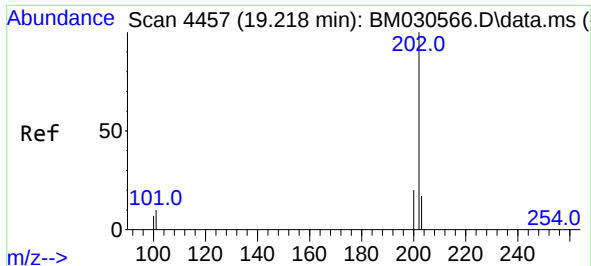
Tgt Ion:	178	Resp:	14342
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	19.0
176	19.8	15.5	23.3



#16
Anthracene
Concen: 0.310 ng/ul
RT: 17.305 min Scan# 3924
Delta R.T. 0.004 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion:	178	Resp:	11861
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.7	19.1
176	19.1	15.2	22.8

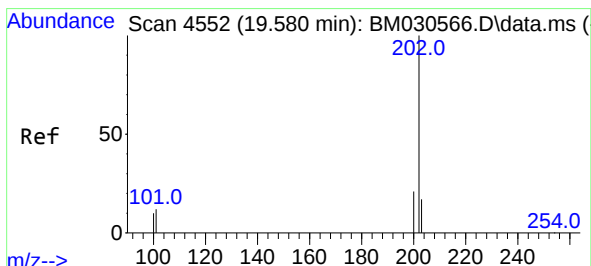
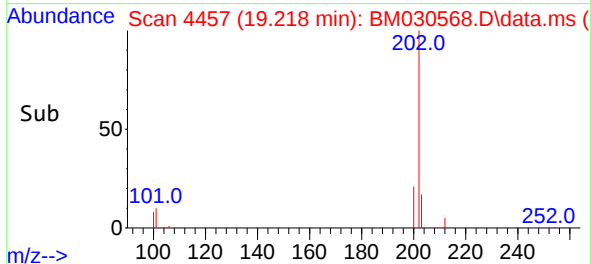
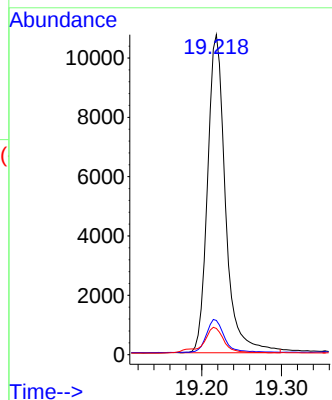
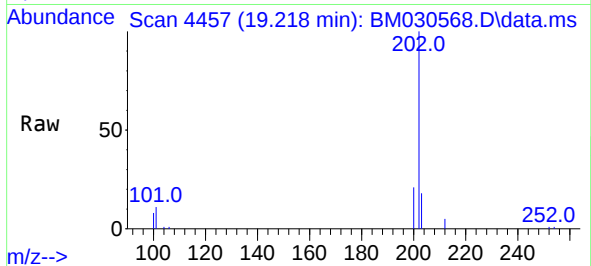




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.218 min Scan# 4457
Delta R.T. 0.000 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

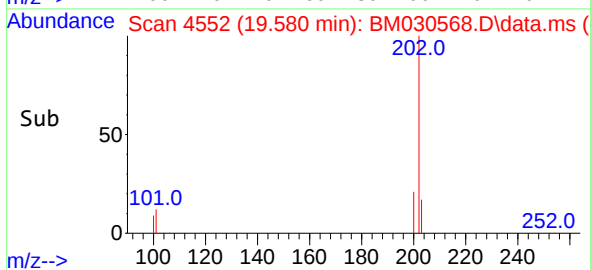
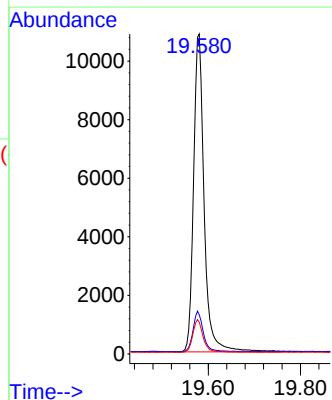
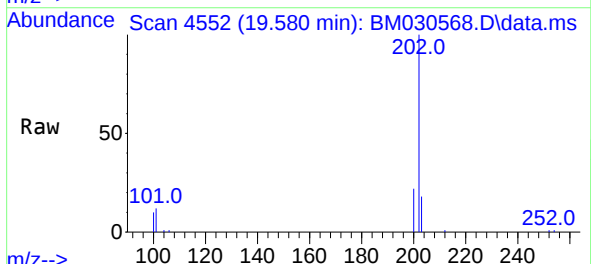
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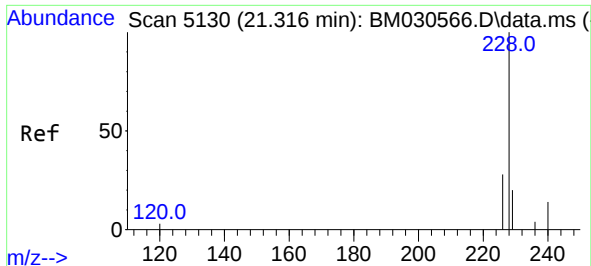
Tgt Ion:202	Resp:	16753
Ion Ratio	Lower	Upper
202 100		
101 10.7	8.8	13.2
100 8.2	6.9	10.3



#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.580 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BM030568.D
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Tgt Ion:202	Resp:	17241
Ion Ratio	Lower	Upper
202 100		
101 12.3	10.1	15.1
100 9.9	8.2	12.2

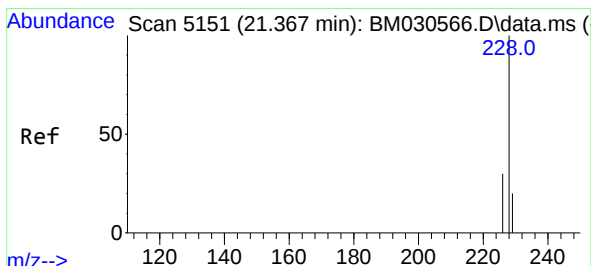
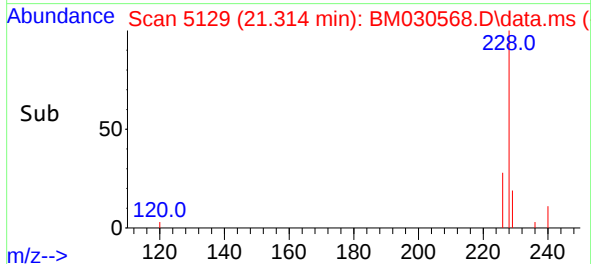
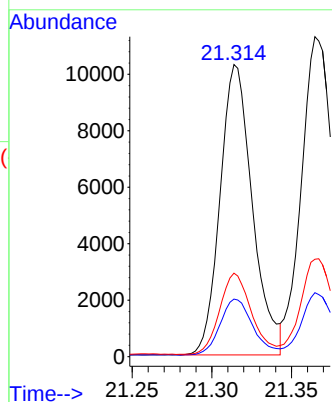
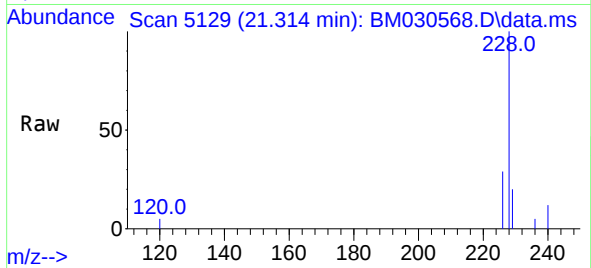




#21
Benzo(a)anthracene
Concen: 0.355 ng/u1
RT: 21.314 min Scan# 5129
Delta R.T. -0.002 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

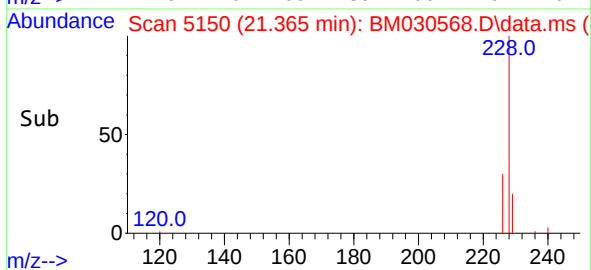
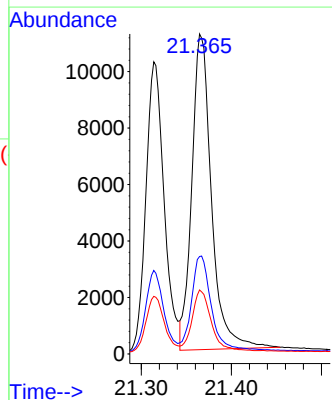
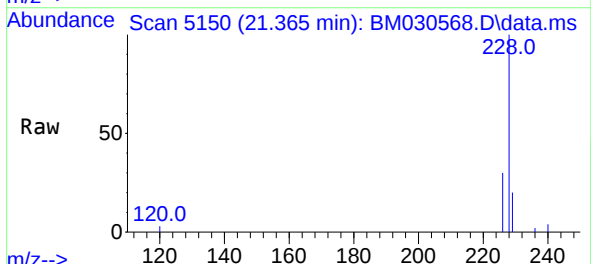
Instrument :
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ClientSampled :
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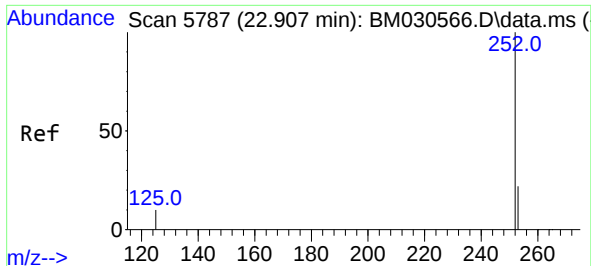
Tgt Ion:	228	Resp:	14515
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.8	23.6
226	28.6	22.2	33.4



#22
Chrysene
Concen: 0.373 ng/u1
RT: 21.365 min Scan# 5150
Delta R.T. -0.005 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion:	228	Resp:	16917
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.4	36.6
229	20.0	15.4	23.0

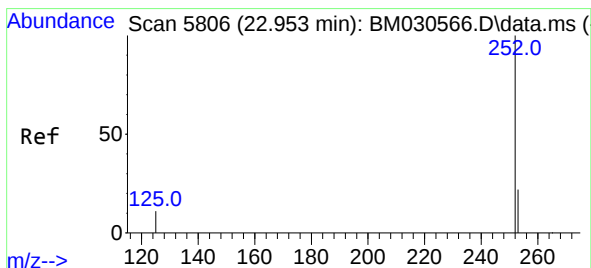
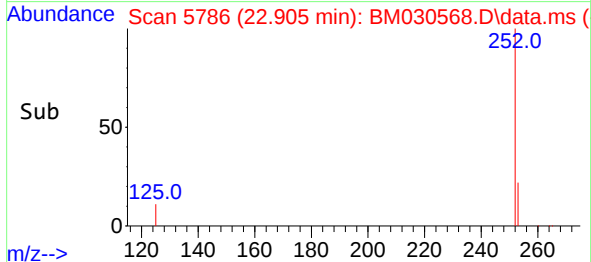
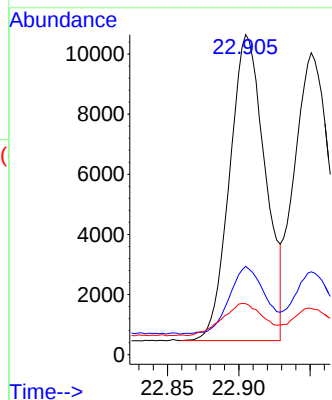
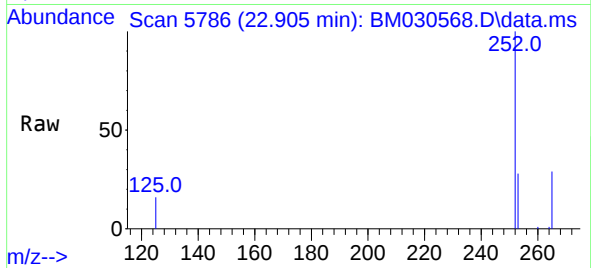




#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.905 min Scan# 5786
Delta R.T. -0.005 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

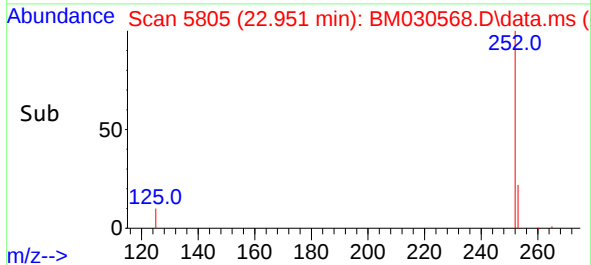
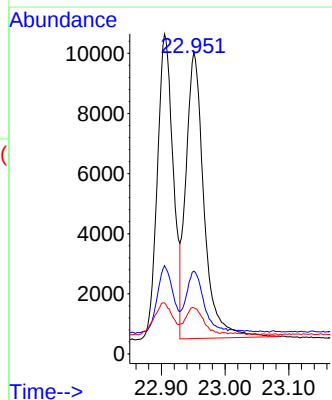
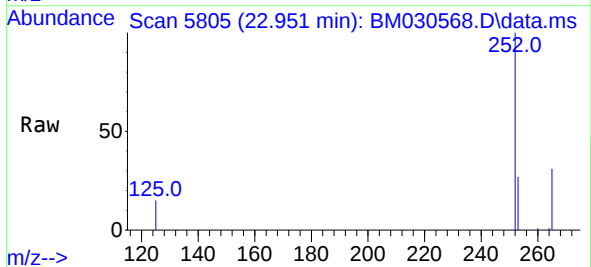
Instrument :
BNA_M
ClientSampled :
SLCS202

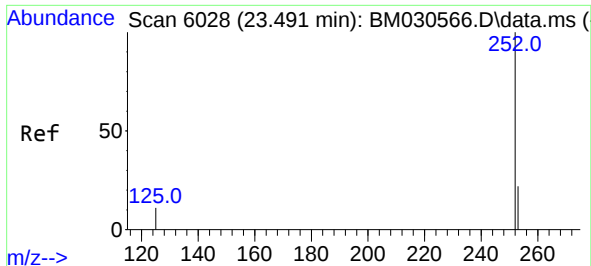
Tgt Ion:252 Resp: 17623
Ion Ratio Lower Upper
252 100
253 27.6 0.0 50.2
125 16.0 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.951 min Scan# 5805
Delta R.T. -0.002 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion:252 Resp: 18677
Ion Ratio Lower Upper
252 100
253 27.5 20.6 31.0
125 15.3 11.0 16.4

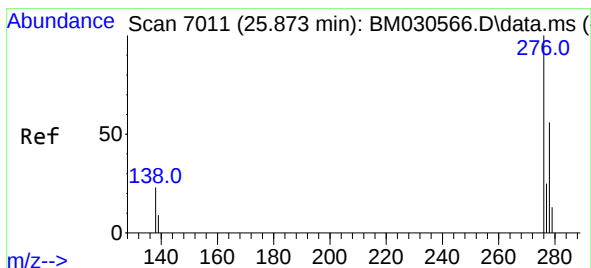
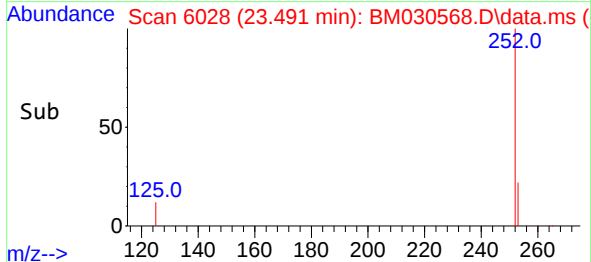
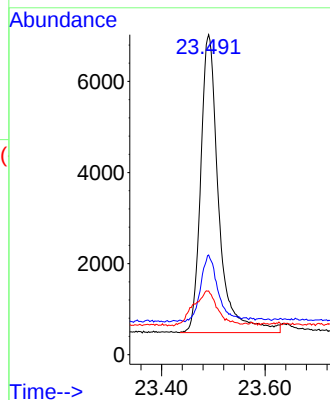
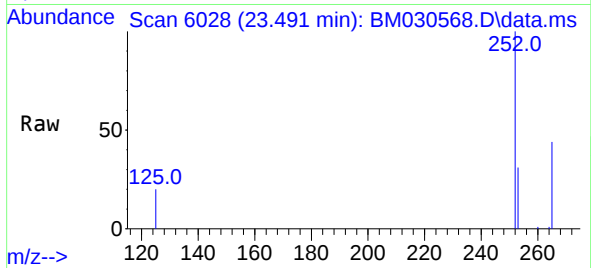




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.491 min Scan# 6028
Delta R.T. -0.002 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

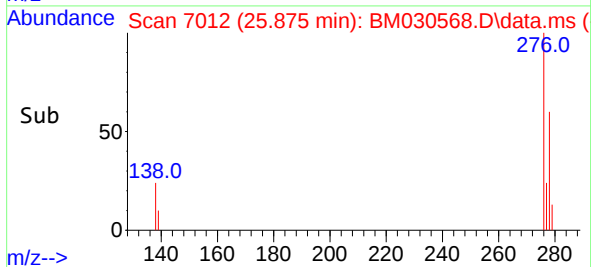
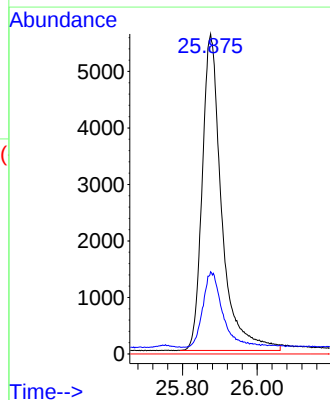
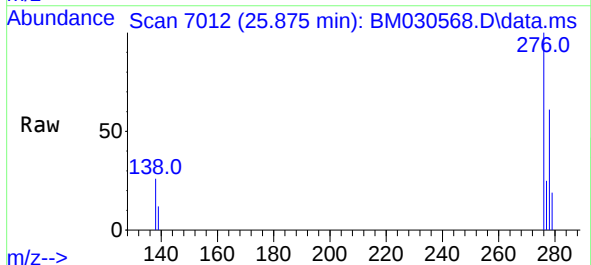
Instrument :
BNA_M
ClientSampleId :
SLCS202

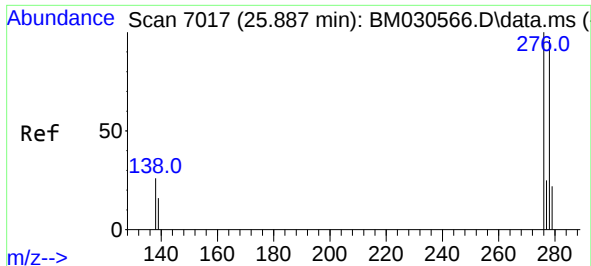
Tgt Ion:	252	Resp:	15775
Ion Ratio	Lower	Upper	
252	100		
253	31.2	22.0	33.0
125	19.9	13.4	20.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 25.875 min Scan# 7012
Delta R.T. -0.005 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion:	276	Resp:	20282
Ion Ratio	Lower	Upper	
276	100		
138	24.3	19.1	28.7
227	0.0	0.0	0.0

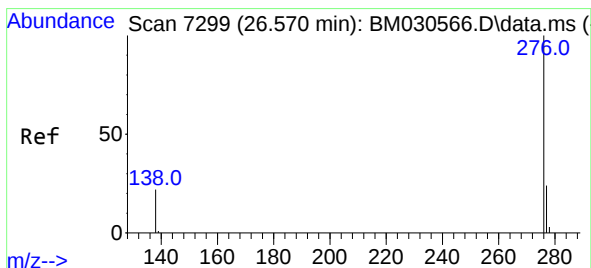
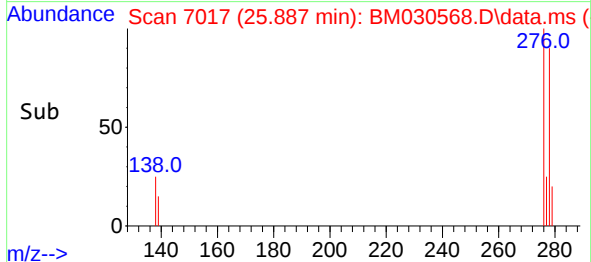
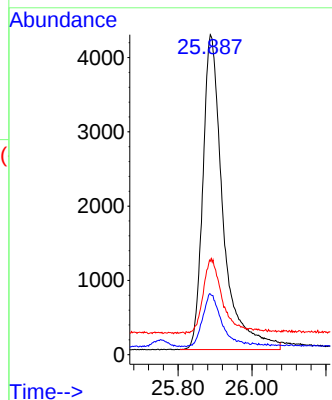
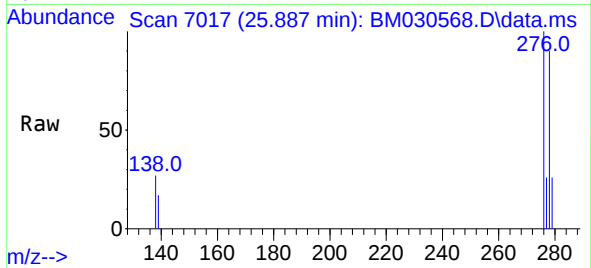




#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 25.887 min Scan# 7017
Delta R.T. -0.007 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Instrument :
BNA_M
ClientSampled :
SLCS202

Tgt Ion:278 Resp: 16090
Ion Ratio Lower Upper
278 100
139 19.0 14.2 21.4
279 29.2 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 26.578 min Scan# 7302
Delta R.T. -0.005 min
Lab File: BM030568.D
Acq: 24 Jun 2021 10:43

Tgt Ion:276 Resp: 18060
Ion Ratio Lower Upper
276 100
138 23.1 18.0 27.0
277 25.2 19.5 29.3

