

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060121\
 Data File : BM030247.D
 Acq On : 01 Jun 2021 21:34
 Operator : CG/JU
 Sample : M2528-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARK5MS

Quant Time: Jun 02 01:11:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM060121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 02 01:10:46 2021
 Response via : Initial Calibration

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

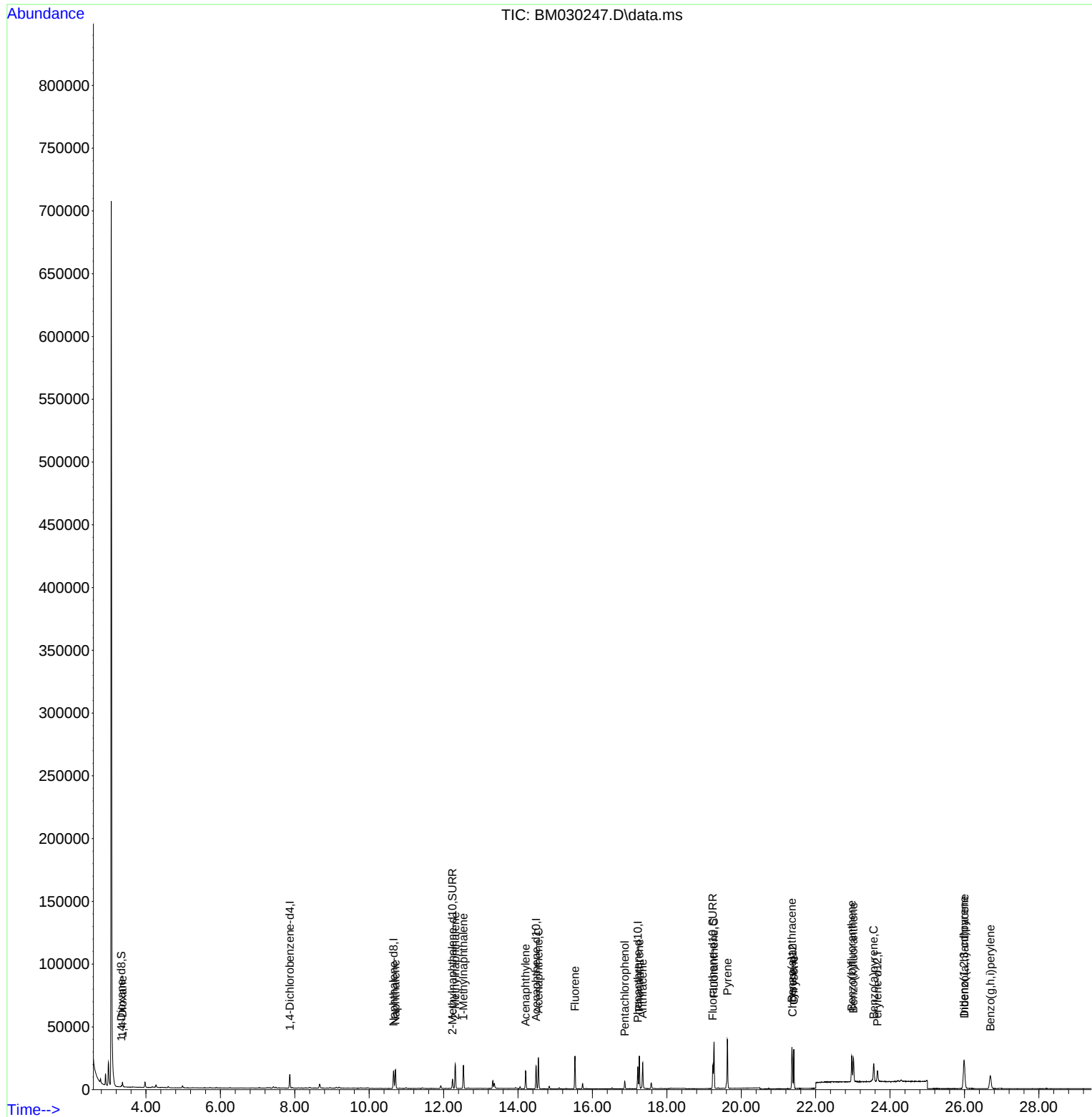
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	5382	0.40	ng/ul	0.00
4) Naphthalene-d8	10.657	136	19031	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.485	164	10122	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	19891	0.40	ng/ul	0.00
17) Chrysene-d12	21.376	240	13930	0.40	ng/ul	0.00
23) Perylene-d12	23.663	264	11742	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	689	0.13	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	9192	0.34	ng/ul	0.00
18) Fluoranthene-d10	19.237	212	19573	0.42	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	2313	0.41	ng/ul	94
5) Naphthalene	10.706	128	20533	0.36	ng/ul	100
7) 2-Methylnaphthalene	12.312	142	13783	0.36	ng/ul	99
8) 1-Methylnaphthalene	12.532	142	12815	0.35	ng/ul	99
10) Acenaphthylene	14.204	152	16570	0.34	ng/ul	100
11) Acenaphthene	14.550	153	14249	0.35	ng/ul	100
12) Fluorene	15.532	166	16277	0.35	ng/ul	98
14) Pentachlorophenol	16.867	266	3989	0.64	ng/ul	99
15) Phenanthrene	17.263	178	27515	0.38	ng/ul	99
16) Anthracene	17.353	178	23416	0.38	ng/ul	99
19) Fluoranthene	19.268	202	31463	0.44	ng/ul	100
20) Pyrene	19.630	202	31987	0.44	ng/ul	99
21) Benzo(a)anthracene	21.362	228	24730	0.44	ng/ul	100
22) Chrysene	21.413	228	26378	0.44	ng/ul	99
24) Benzo(b)fluoranthene	22.970	252	25861	0.44	ng/ul	98
25) Benzo(k)fluoranthene	23.016	252	24305	0.44	ng/ul	97
26) Benzo(a)pyrene	23.561	252	20695	0.44	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.986	276	25853	0.41	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.996	278	21103	0.42	ng/ul	97
29) Benzo(g,h,i)perylene	26.696	276	22185	0.41	ng/ul	98

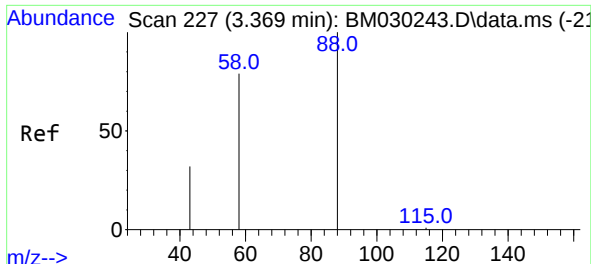
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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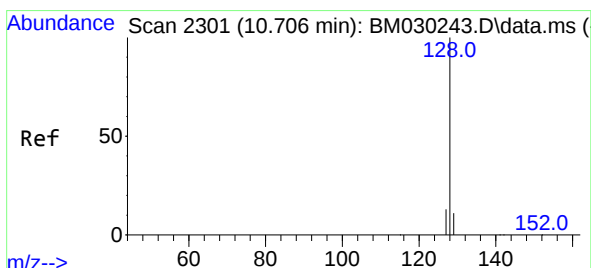
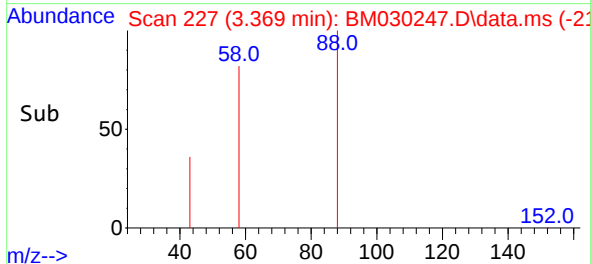
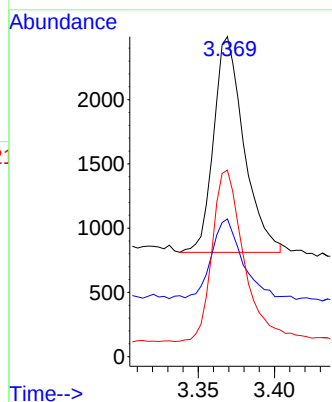
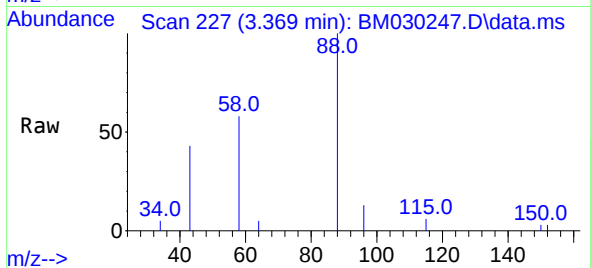


#2
1,4-Dioxane
Concen: 0.41 ng/ul
RT: 3.369 min Scan# 227
Delta R.T. 0.000 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Instrument :
BNA_M
ClientSampleId :
YARK5MS

Tgt Ion: 88 Resp: 2313

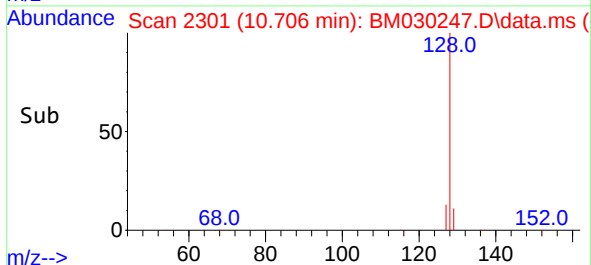
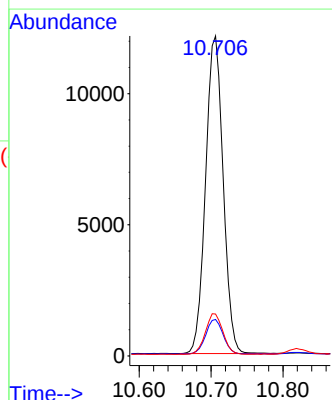
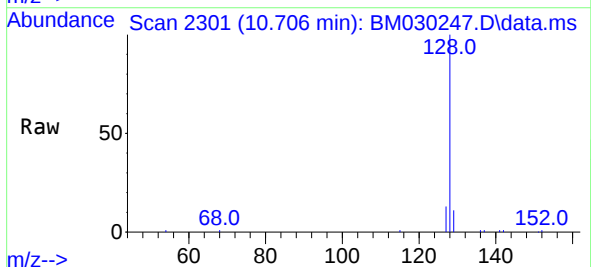
Ion	Ratio	Lower	Upper
88	100		
43	43.1	38.2	57.4
58	58.3	49.8	74.8

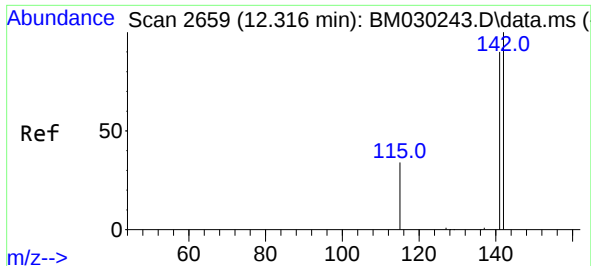


#5
Naphthalene
Concen: 0.36 ng/ul
RT: 10.706 min Scan# 2301
Delta R.T. -0.001 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion: 128 Resp: 20533

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.1	10.5	15.7

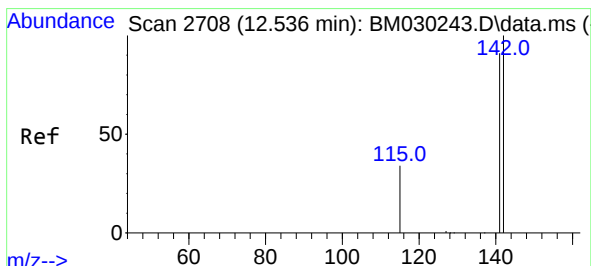
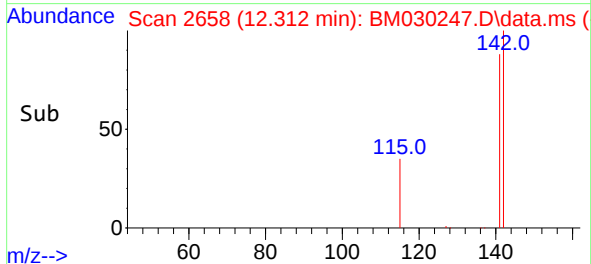
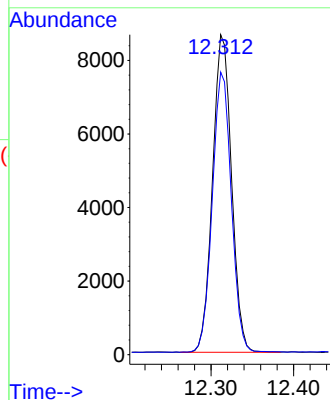
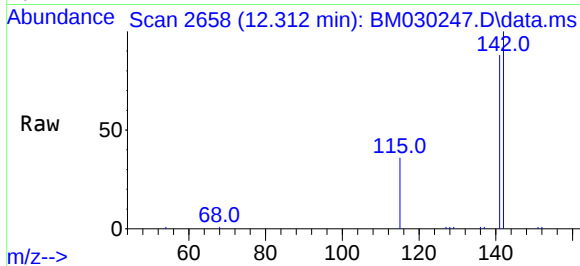




#7
2-Methylnaphthalene
Concen: 0.36 ng/ul
RT: 12.312 min Scan# 2658
Delta R.T. -0.001 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

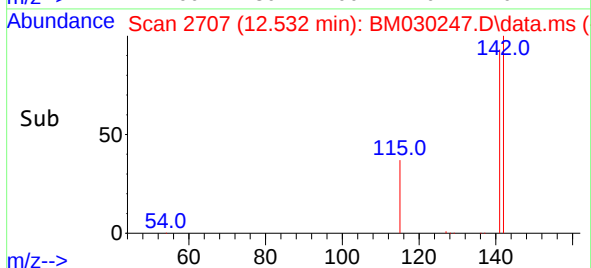
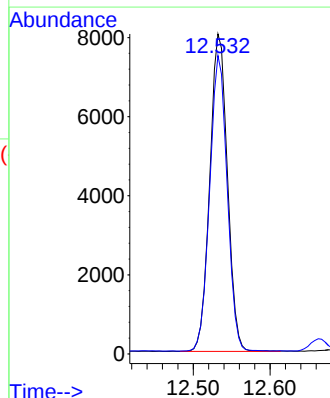
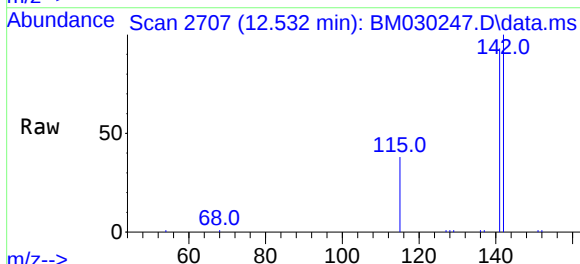
Instrument :
BNA_M
ClientSampleId :
YARK5MS

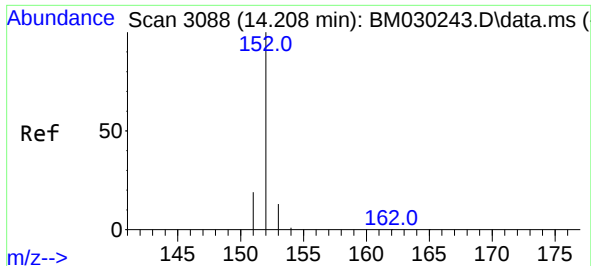
Tgt Ion:142 Resp: 13783
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.35 ng/ul
RT: 12.532 min Scan# 2707
Delta R.T. -0.001 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:142 Resp: 12815
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9

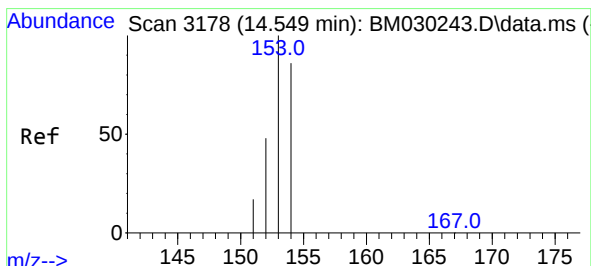
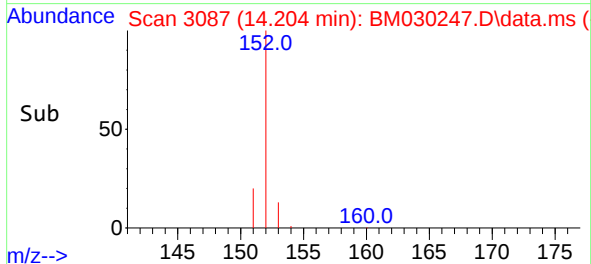
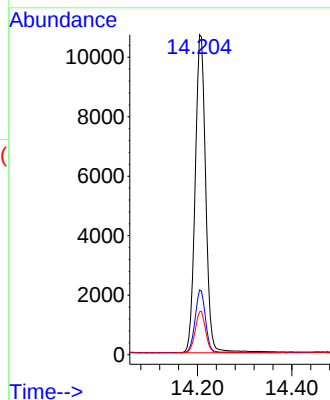
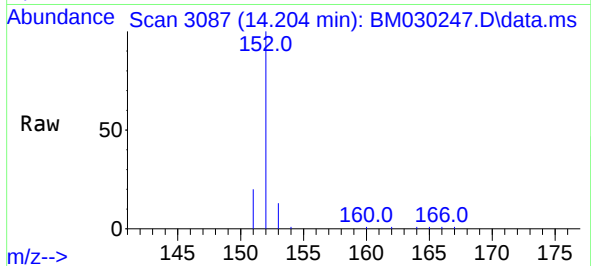




#10
Acenaphthylene
Concen: 0.34 ng/ul
RT: 14.204 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

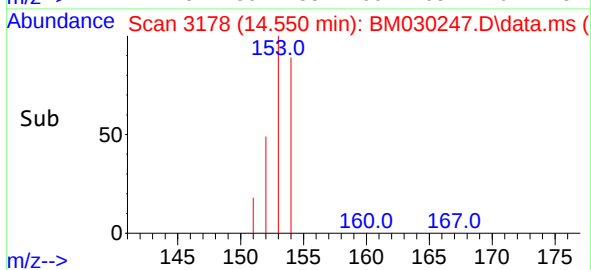
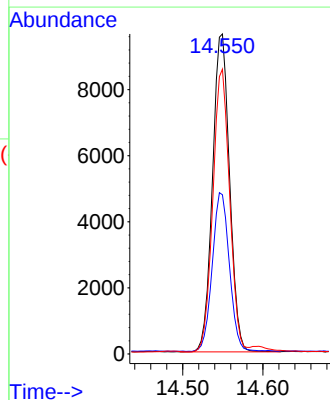
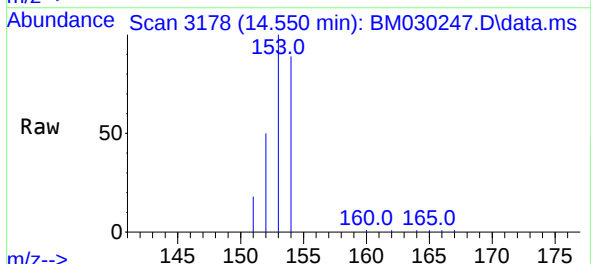
Instrument :
BNA_M
ClientSampleId :
YARK5MS

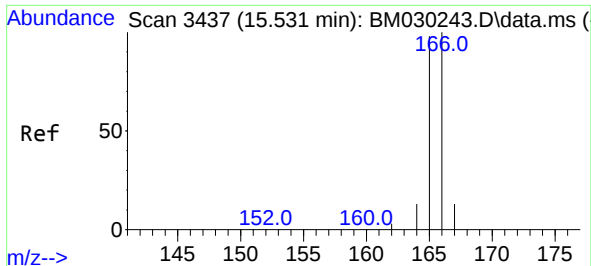
Tgt Ion:	152	Resp:	16570
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.9	16.3



#11
Acenaphthene
Concen: 0.35 ng/ul
RT: 14.550 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:	153	Resp:	14249
Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.8	59.8
154	89.0	70.9	106.3

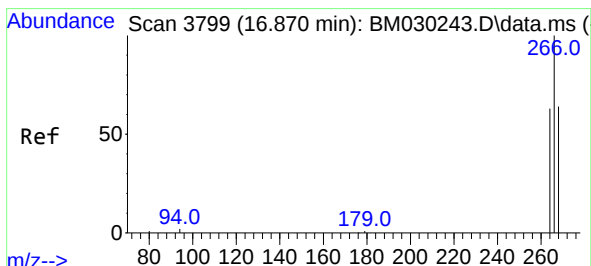
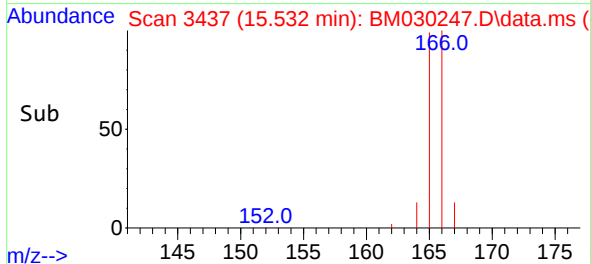
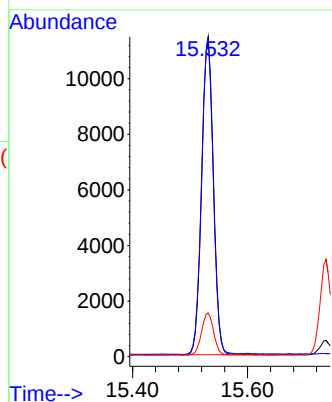
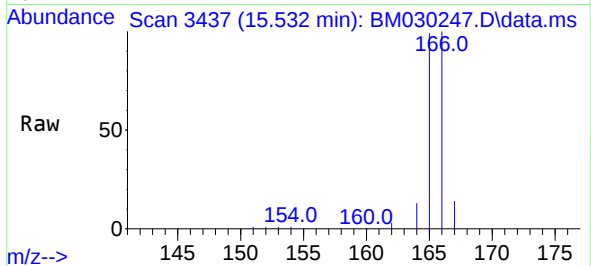




#12
Fluorene
Concen: 0.35 ng/ul
RT: 15.532 min Scan# 3437
Delta R.T. -0.000 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

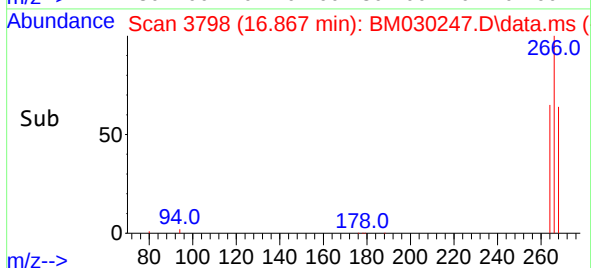
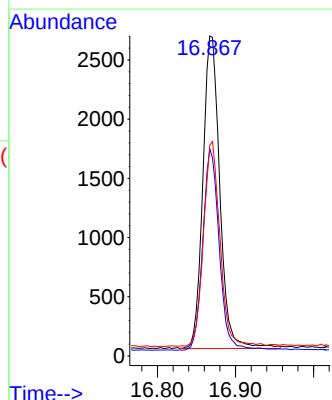
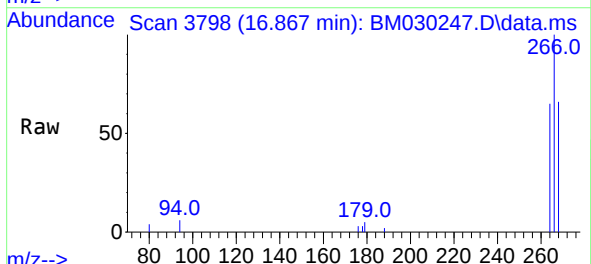
Instrument :
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ClientSampleId :
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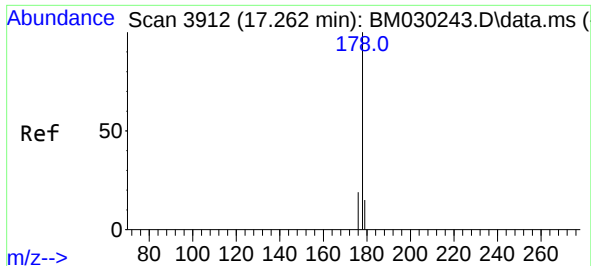
Tgt Ion:166 Resp: 16277
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.2
167 13.7 10.9 16.3



#14
Pentachlorophenol
Concen: 0.64 ng/ul
RT: 16.867 min Scan# 3798
Delta R.T. -0.004 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:266 Resp: 3989
Ion Ratio Lower Upper
266 100
264 62.7 50.6 75.8
268 63.9 50.0 75.0

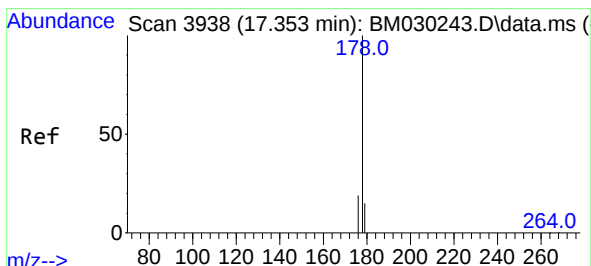
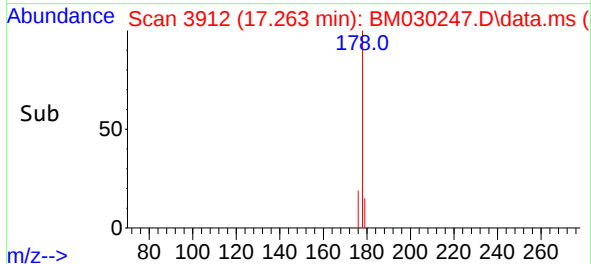
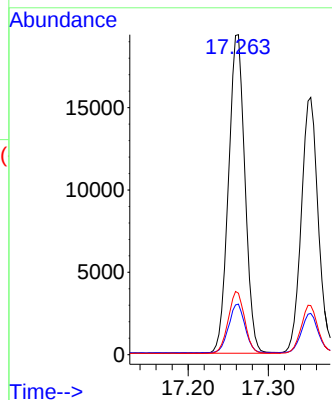
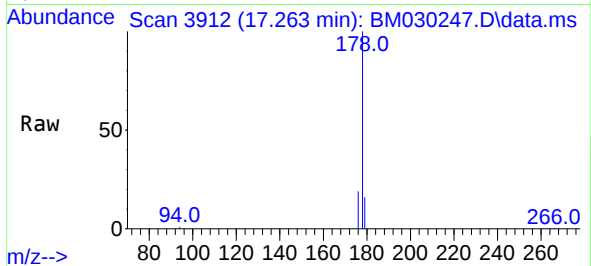




#15
Phenanthrene
Concen: 0.38 ng/ul
RT: 17.263 min Scan# 3912
Delta R.T. -0.000 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

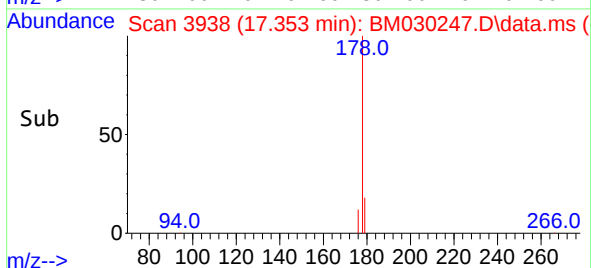
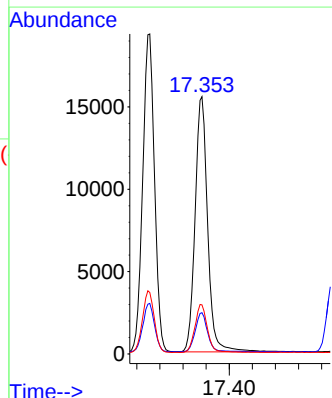
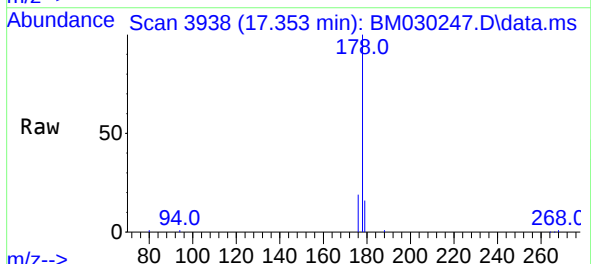
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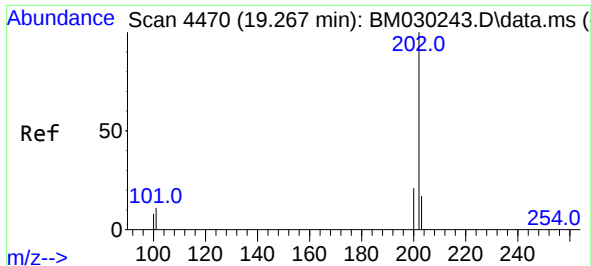
Tgt Ion:	178	Resp:	27515
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.5	18.7
176	19.2	15.6	23.4



#16
Anthracene
Concen: 0.38 ng/ul
RT: 17.353 min Scan# 3938
Delta R.T. -0.000 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:	178	Resp:	23416
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.1	19.7
176	19.1	15.7	23.5

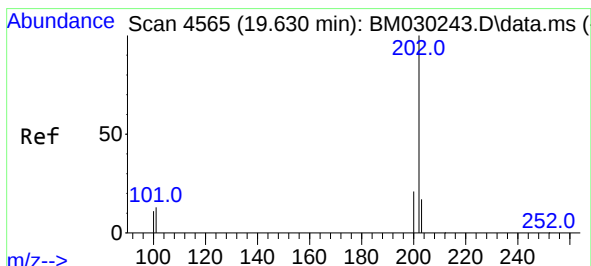
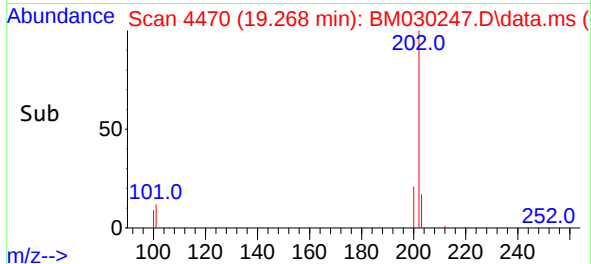
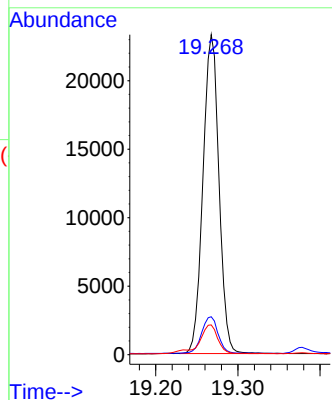
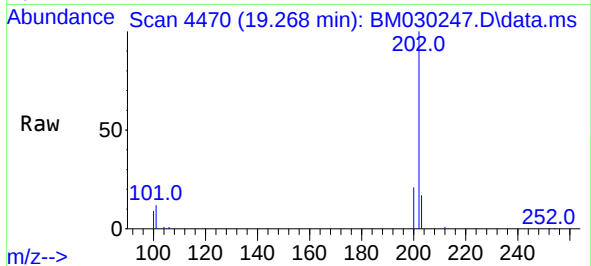




#19
Fluoranthene
Concen: 0.44 ng/ul
RT: 19.268 min Scan# 4470
Delta R.T. -0.000 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

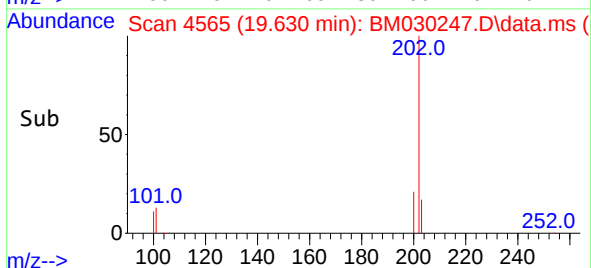
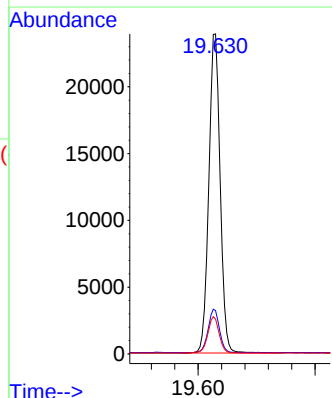
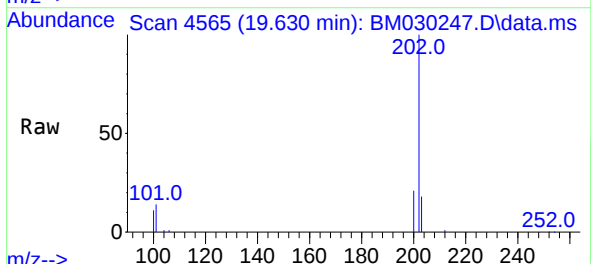
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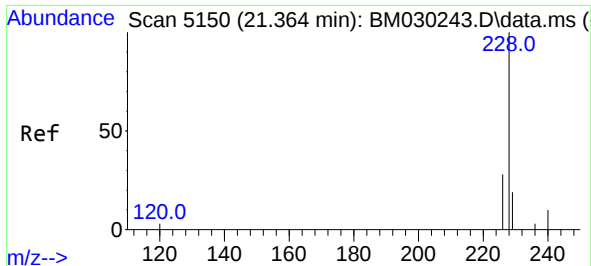
Tgt Ion:202 Resp: 31463
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.44 ng/ul
RT: 19.630 min Scan# 4565
Delta R.T. -0.000 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:202 Resp: 31987
Ion Ratio Lower Upper
202 100
101 13.5 10.6 16.0
100 10.9 8.9 13.3

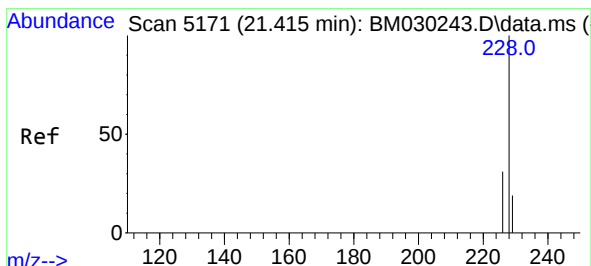
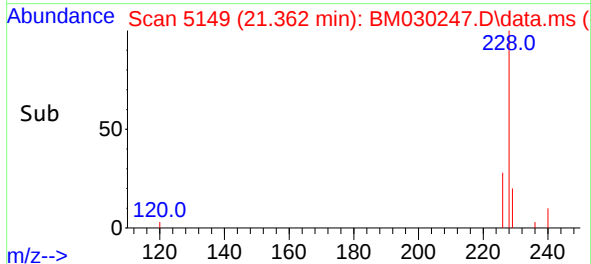
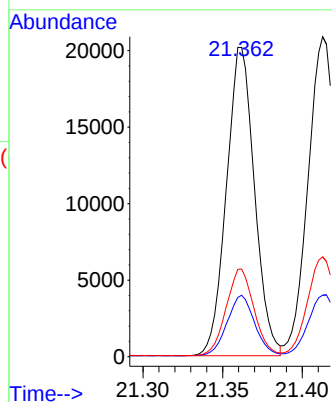
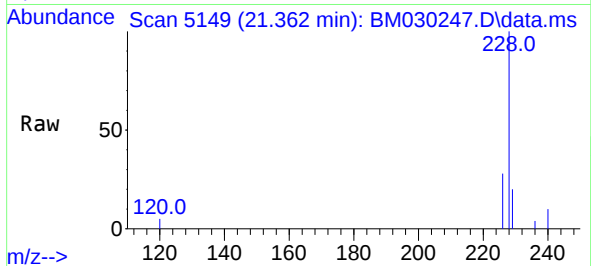




#21
Benzo(a)anthracene
Concen: 0.44 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.003 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

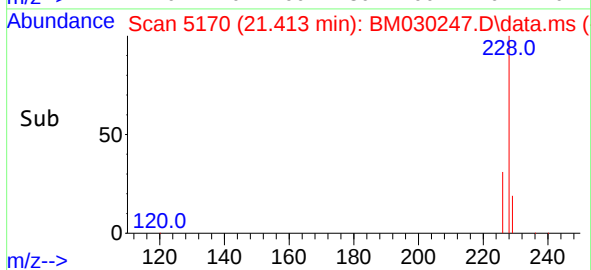
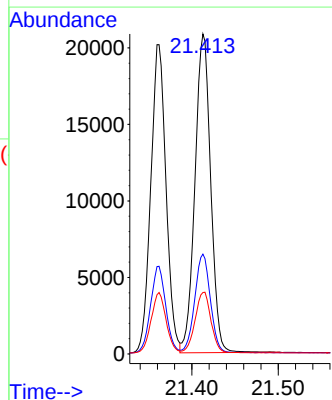
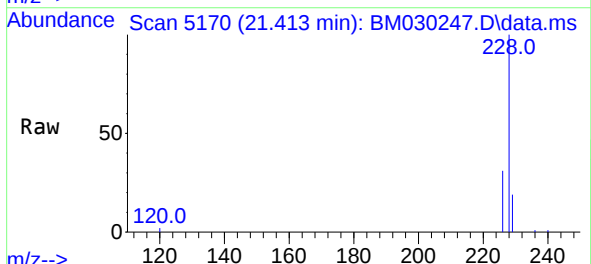
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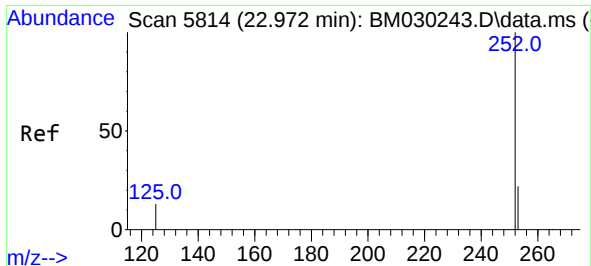
Tgt Ion:228	Resp:	24730
Ion Ratio	Lower	Upper
228	100	
229	19.9	15.9 23.9
226	28.3	22.3 33.5



#22
Chrysene
Concen: 0.44 ng/ul
RT: 21.413 min Scan# 5170
Delta R.T. -0.003 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:228	Resp:	26378
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.7 37.1
229	19.2	15.7 23.5

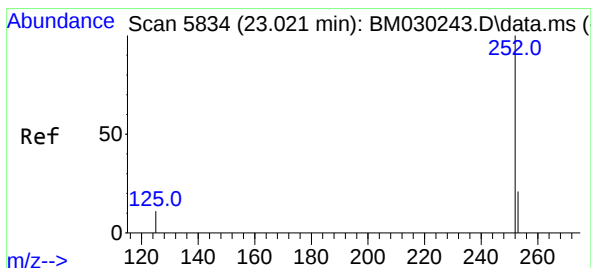
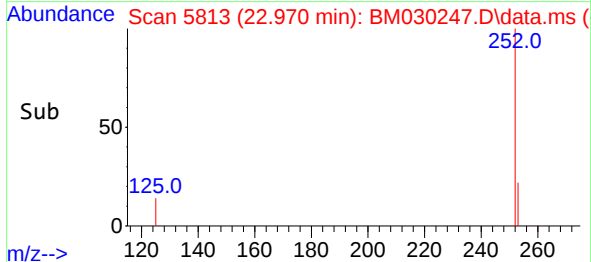
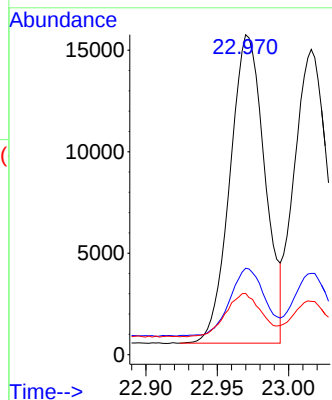
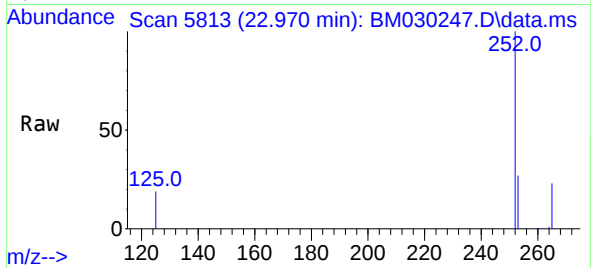




#24
Benzo(b)fluoranthene
Concen: 0.44 ng/ul
RT: 22.970 min Scan# 5813
Delta R.T. -0.003 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

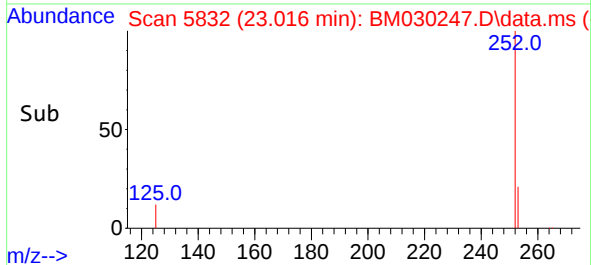
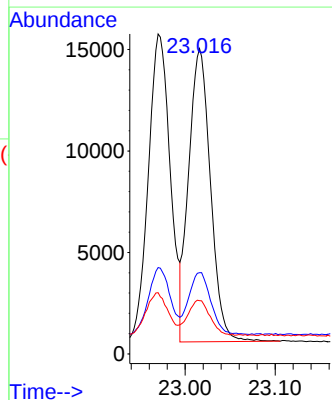
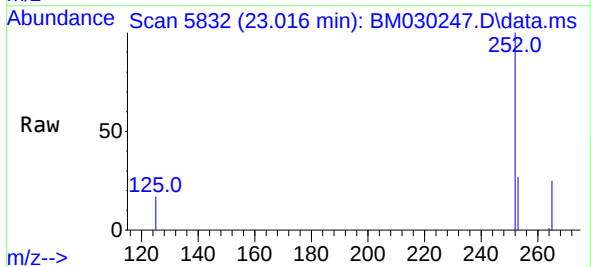
Instrument :
BNA_M
ClientSampleId :
YARK5MS

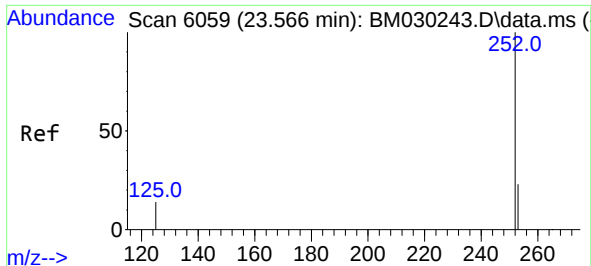
Tgt Ion:252 Resp: 25861
Ion Ratio Lower Upper
252 100
253 27.0 0.0 57.4
125 19.2 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.44 ng/ul
RT: 23.016 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:252 Resp: 24305
Ion Ratio Lower Upper
252 100
253 26.6 23.0 34.6
125 17.5 14.8 22.2

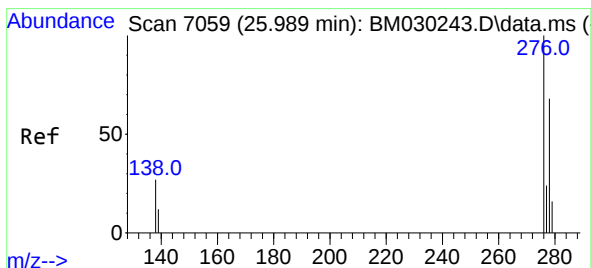
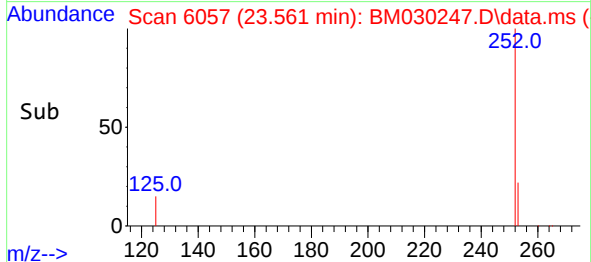
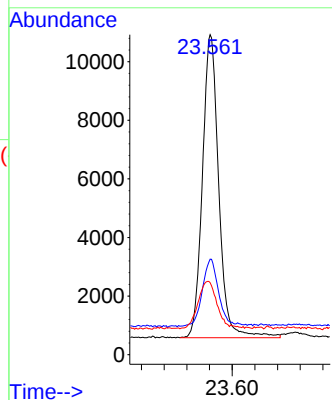
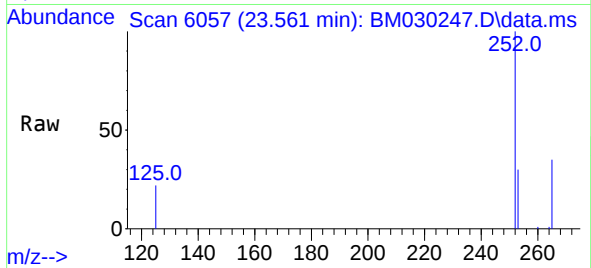




#26
Benzo(a)pyrene
Concen: 0.44 ng/u1
RT: 23.561 min Scan# 6057
Delta R.T. -0.003 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

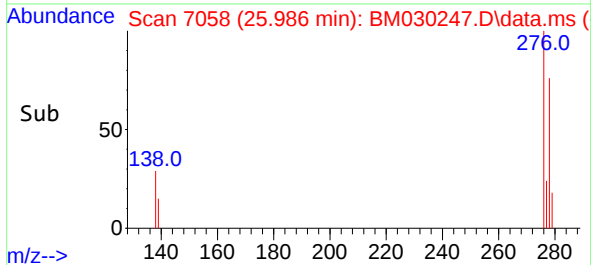
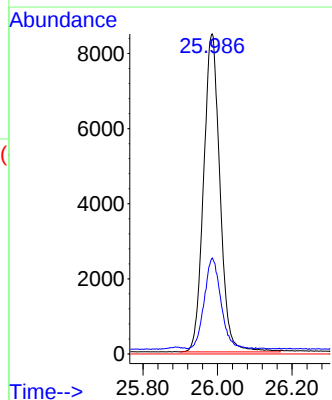
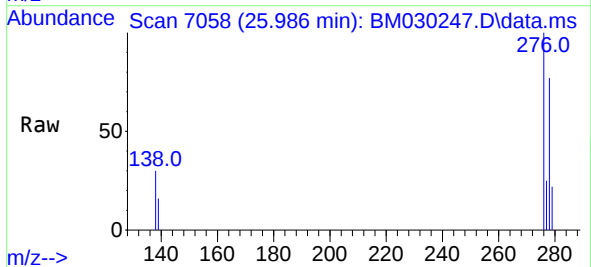
Instrument :
BNA_M
ClientSampleId :
YARK5MS

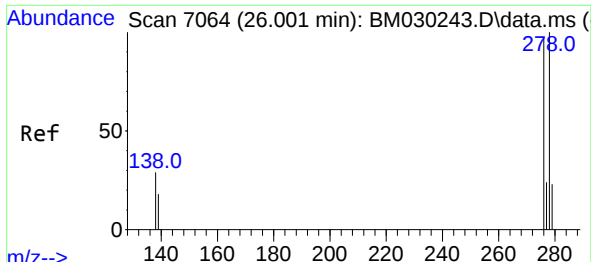
Tgt Ion:	252	Resp:	20695
Ion Ratio	Lower	Upper	
252	100		
253	29.9	25.3	37.9
125	22.5	17.6	26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng/u1
RT: 25.986 min Scan# 7058
Delta R.T. 0.002 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:	276	Resp:	25853
Ion Ratio	Lower	Upper	
276	100		
138	29.0	22.3	33.5
227	0.0	0.0	0.0

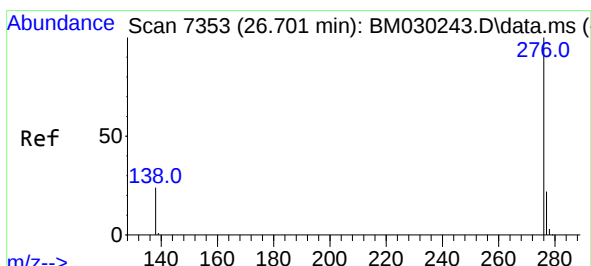
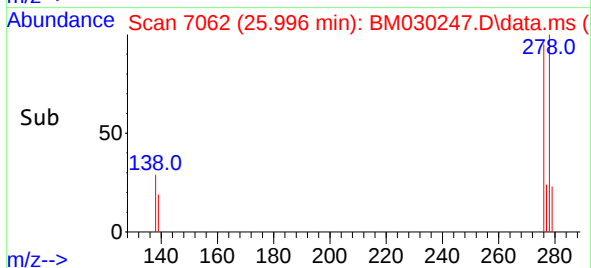
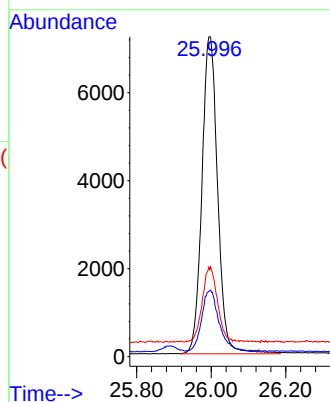
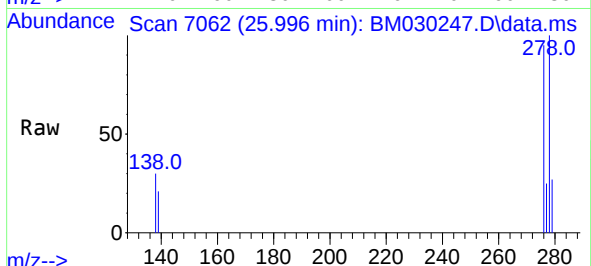




#28
Dibenzo(a,h)anthracene
Concen: 0.42 ng/ul
RT: 25.996 min Scan# 7062
Delta R.T. -0.005 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Instrument :
BNA_M
ClientSampleId :
YARK5MS

Tgt Ion:278 Resp: 21103
Ion Ratio Lower Upper
278 100
139 20.6 15.8 23.8
279 27.2 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.41 ng/ul
RT: 26.696 min Scan# 7351
Delta R.T. -0.003 min
Lab File: BM030247.D
Acq: 01 Jun 2021 21:34

Tgt Ion:276 Resp: 22185
Ion Ratio Lower Upper
276 100
138 25.4 21.5 32.3
277 24.8 19.5 29.3

