

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030957.D
 Acq On : 14 Jul 2021 11:44
 Operator : CG/JU
 Sample : PB137497BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS497

Quant Time: Jul 14 12:14:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:01:01 2021
 Response via : Initial Calibration

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

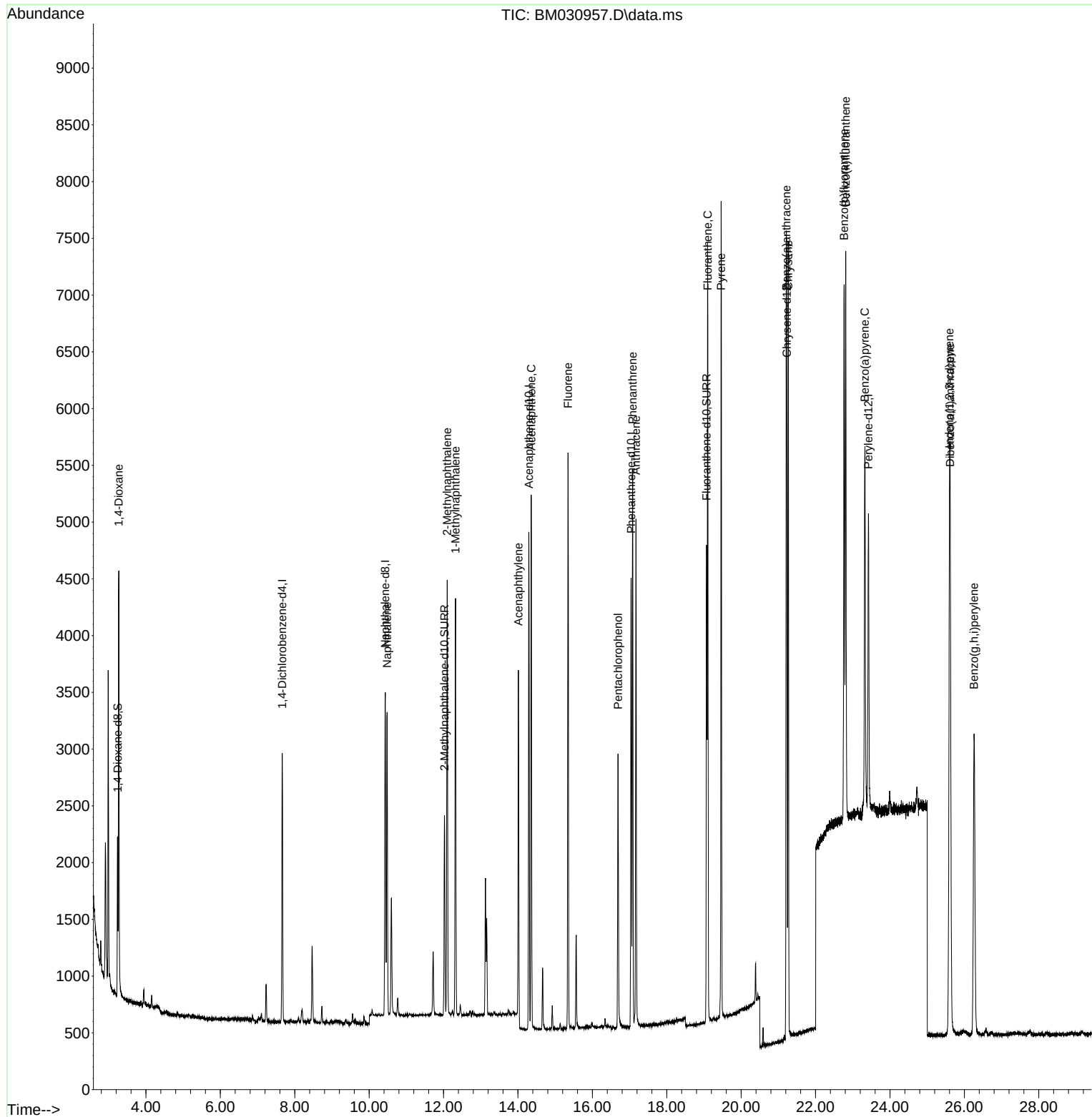
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	1167	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.433	136	3843	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.296	164	2423	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.041	188	4918	0.400	ng/ul	-0.01
17) Chrysene-d12	21.227	240	3673	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	3348	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	851	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.025	152	2202	0.329	ng/ul	0.00
18) Fluoranthene-d10	19.069	212	4848	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	2210	1.651	ng/ul#	80
5) Naphthalene	10.482	128	3646	0.318	ng/ul	98
7) 2-Methylnaphthalene	12.097	142	2604	0.321	ng/ul	99
8) 1-Methylnaphthalene	12.322	142	2386	0.301	ng/ul	100
10) Acenaphthylene	14.011	152	3400	0.286	ng/ul	99
11) Acenaphthene	14.356	153	2734	0.319	ng/ul	99
12) Fluorene	15.346	166	3160	0.310	ng/ul	98
14) Pentachlorophenol	16.690	266	1678	0.966	ng/ul	99
15) Phenanthrene	17.082	178	5048	0.327	ng/ul	99
16) Anthracene	17.173	178	4695	0.317	ng/ul	99
19) Fluoranthene	19.100	202	5962	0.368	ng/ul	100
20) Pyrene	19.462	202	5996	0.366	ng/ul	99
21) Benzo(a)anthracene	21.212	228	5463	0.344	ng/ul	99
22) Chrysene	21.265	228	5810	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.767	252	5835	0.360	ng/ul	98
25) Benzo(k)fluoranthene	22.810	252	5989	0.368	ng/ul	98
26) Benzo(a)pyrene	23.326	252	4790	0.340	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.599	276	6778	0.355	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.621	278	5481	0.355	ng/ul	98
29) Benzo(g,h,i)perylene	26.260	276	5706	0.352	ng/ul	99

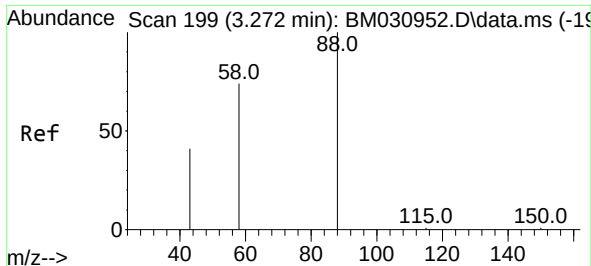
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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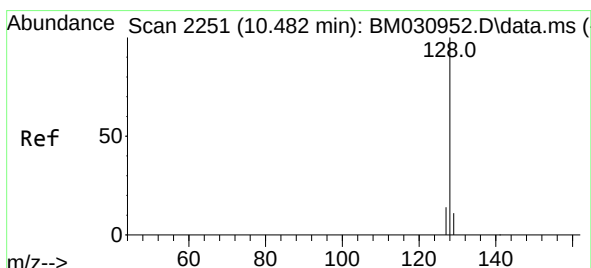
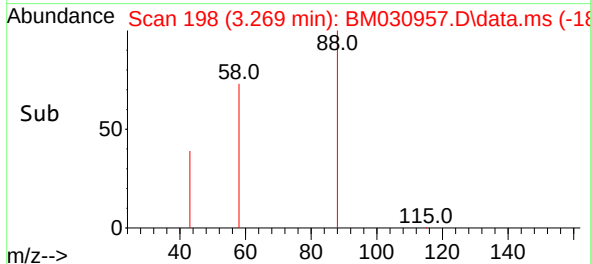
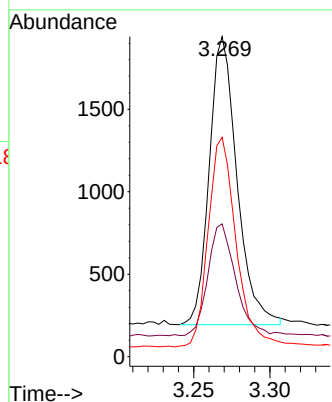
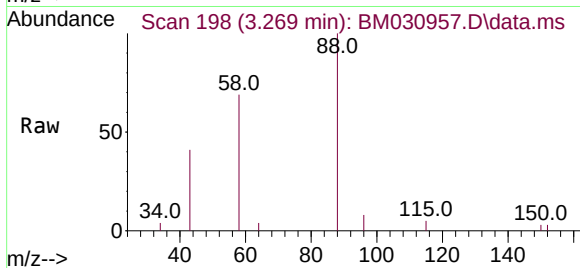




#2
1,4-Dioxane
Concen: 1.651 ng/ul
RT: 3.269 min Scan# 198
Delta R.T. -0.007 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

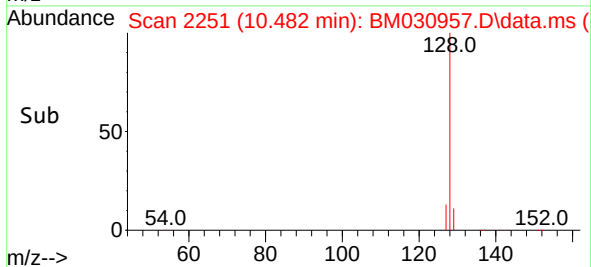
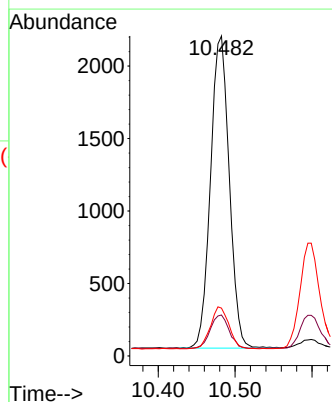
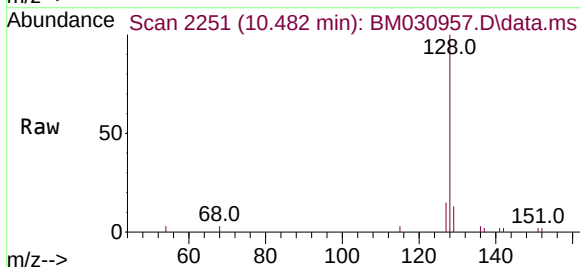
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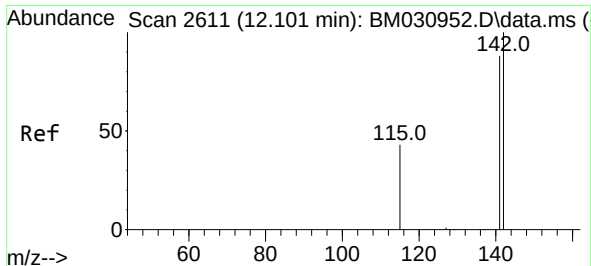
Tgt Ion: 88 Resp: 2210
Ion Ratio Lower Upper
88 100
43 41.5 48.2 72.4#
58 68.6 46.0 69.0



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.482 min Scan# 2251
Delta R.T. -0.009 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion: 128 Resp: 3646
Ion Ratio Lower Upper
128 100
129 12.8 10.7 16.1
127 14.9 12.7 19.1

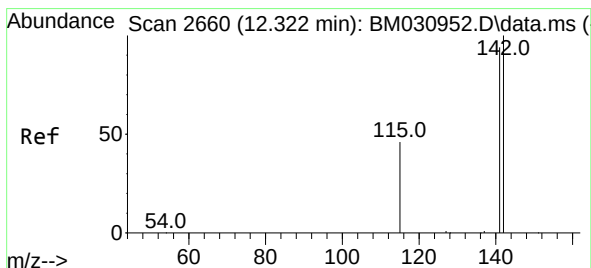
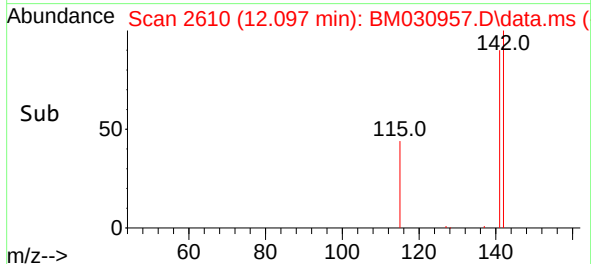
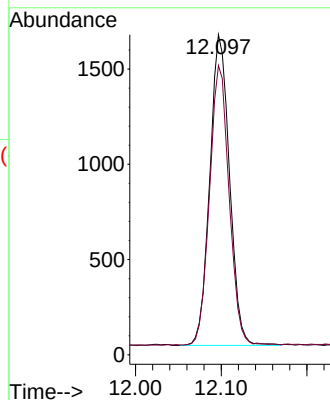
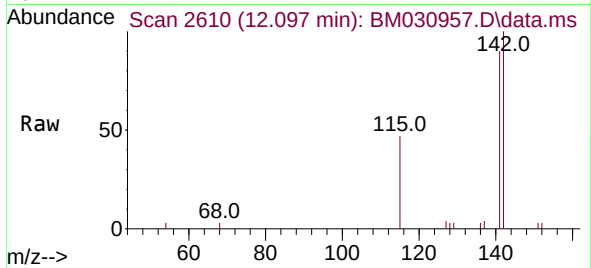




#7
2-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.097 min Scan# 2610
Delta R.T. -0.013 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

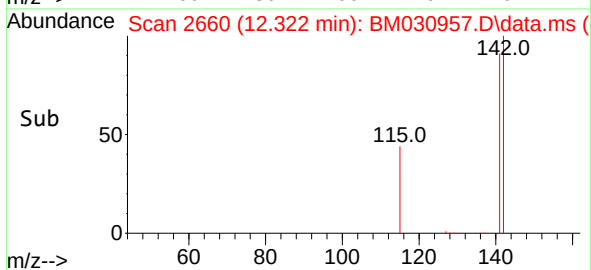
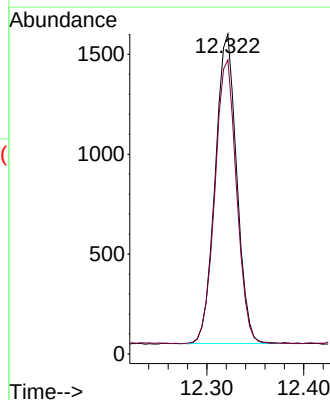
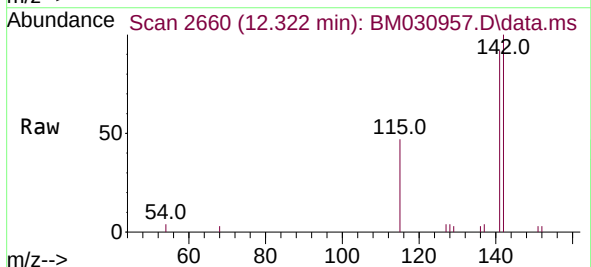
Instrument :
BNA_M
ClientSampleId :
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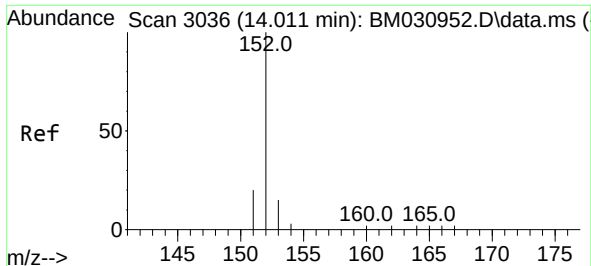
Tgt Ion:142 Resp: 2604
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.322 min Scan# 2660
Delta R.T. -0.009 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:142 Resp: 2386
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.8

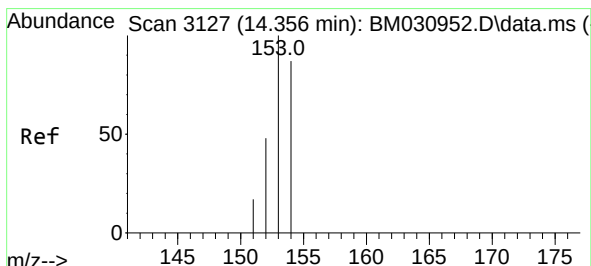
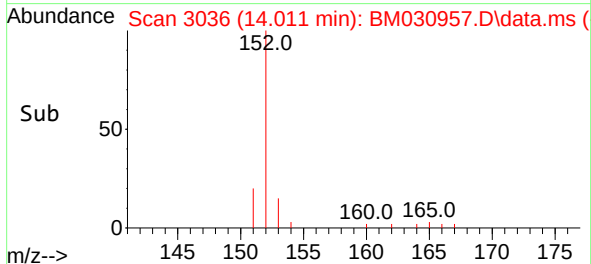
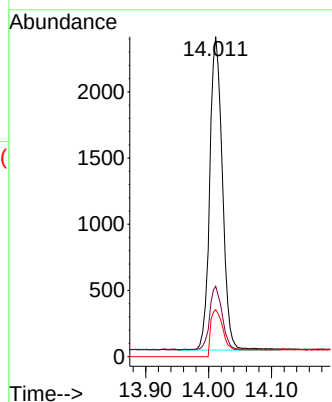
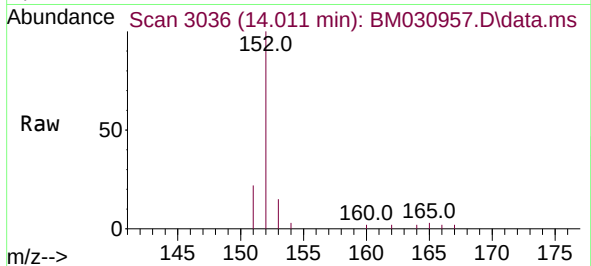




#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.011 min Scan# 3036
Delta R.T. -0.007 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

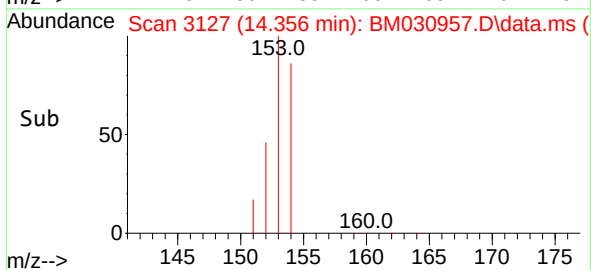
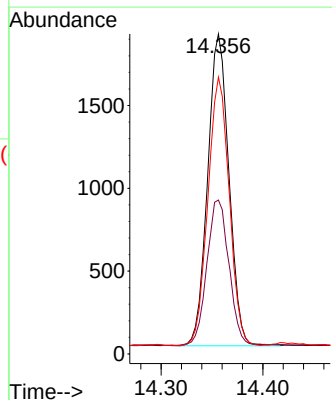
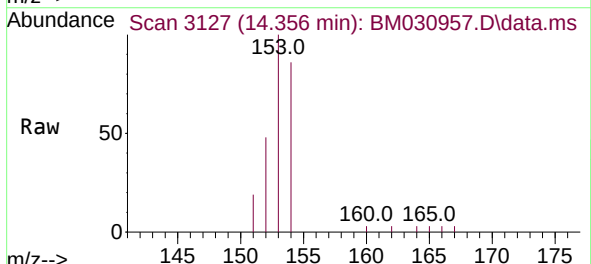
Instrument :
BNA_M
ClientSampleId :
SLCS497

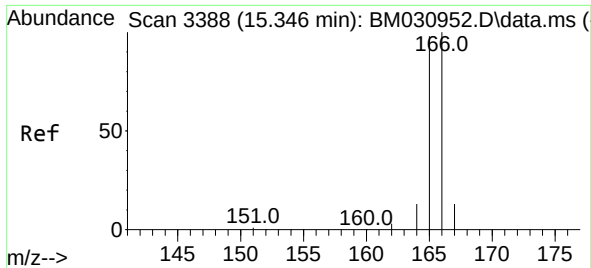
Tgt Ion:	152	Resp:	3400
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.2	25.8
153	14.7	12.0	18.0



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.356 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:	153	Resp:	2734
Ion Ratio	Lower	Upper	
153	100		
152	48.1	39.3	58.9
154	86.5	68.5	102.7

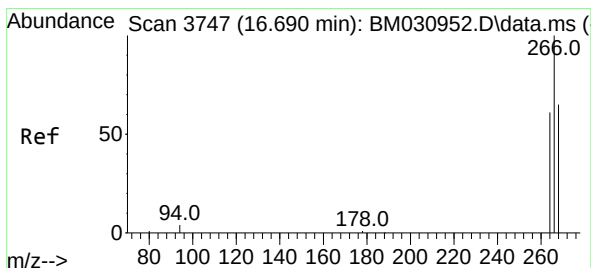
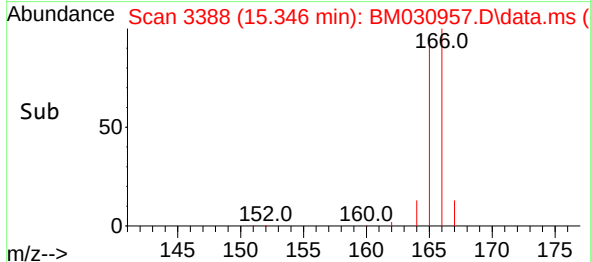
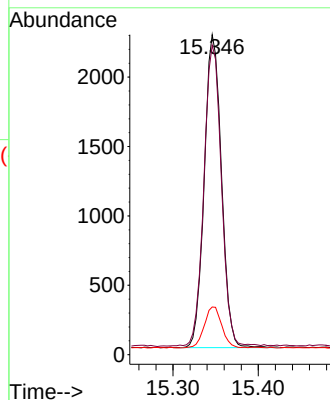
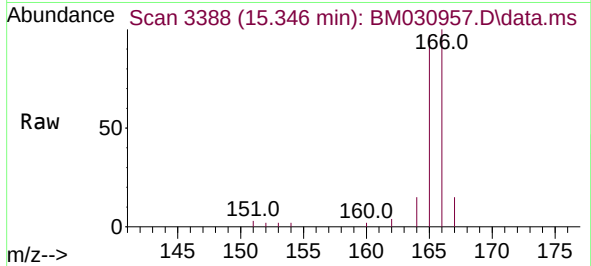




#12
Fluorene
Concen: 0.310 ng/ul
RT: 15.346 min Scan# 3388
Delta R.T. -0.007 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

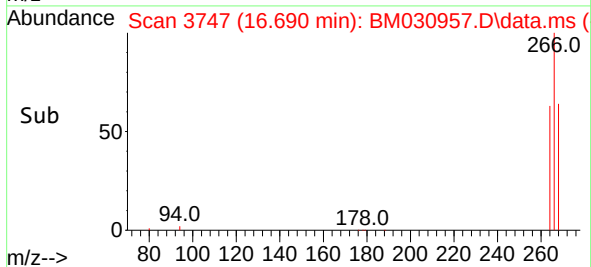
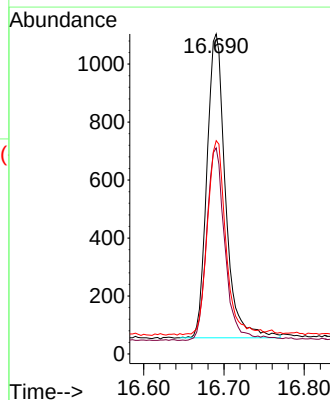
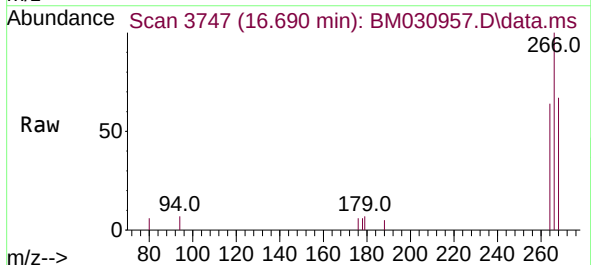
Instrument :
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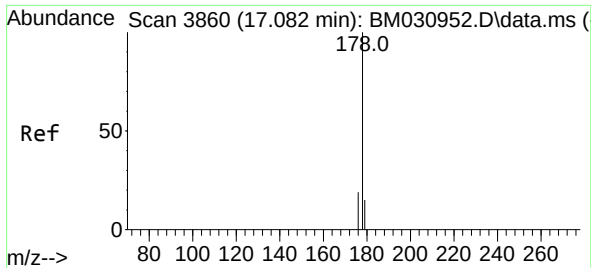
Tgt Ion:	166	Resp:	3160
Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.7	118.1
167	14.9	12.5	18.7



#14
Pentachlorophenol
Concen: 0.966 ng/ul
RT: 16.690 min Scan# 3747
Delta R.T. -0.014 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:	266	Resp:	1678
Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.5	74.3
268	63.9	50.4	75.6

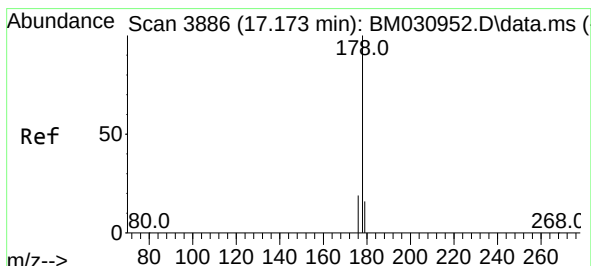
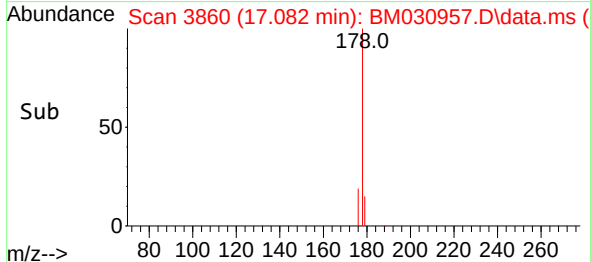
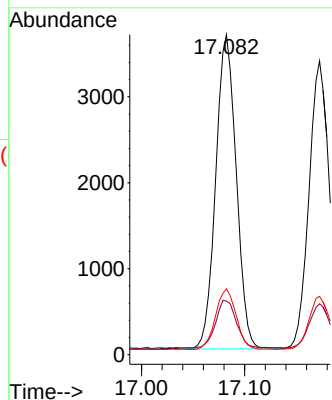
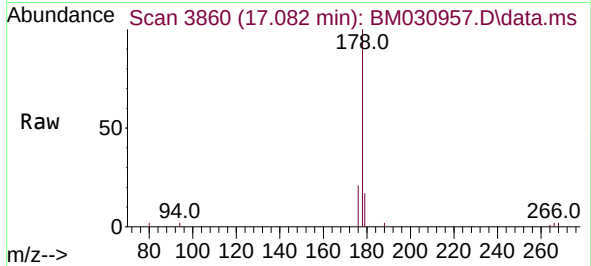




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.082 min Scan# 3860
Delta R.T. -0.007 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

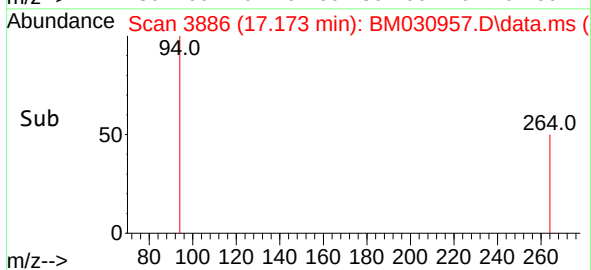
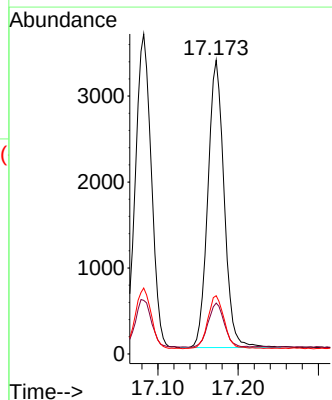
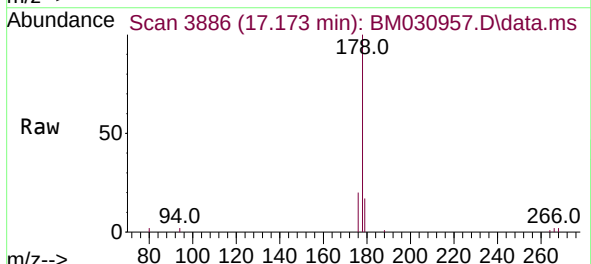
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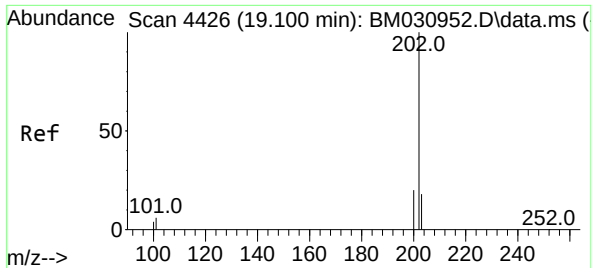
Tgt Ion:	178	Resp:	5048
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.8	20.6
176	20.6	16.4	24.6



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.173 min Scan# 3886
Delta R.T. -0.007 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:	178	Resp:	4695
Ion Ratio	Lower	Upper	
178	100		
179	17.3	14.5	21.7
176	19.8	16.1	24.1

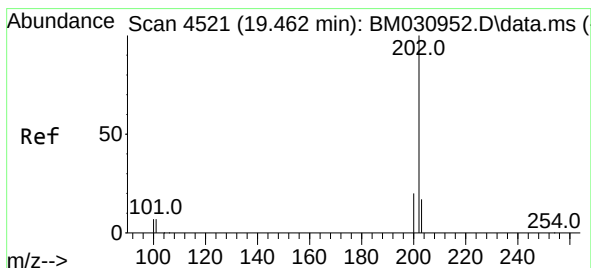
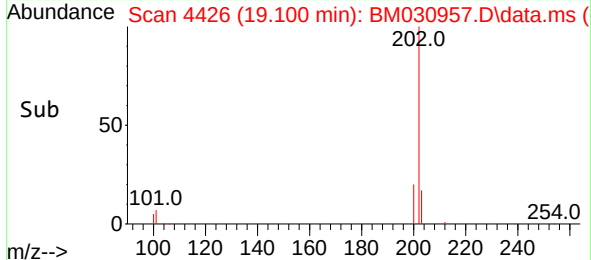
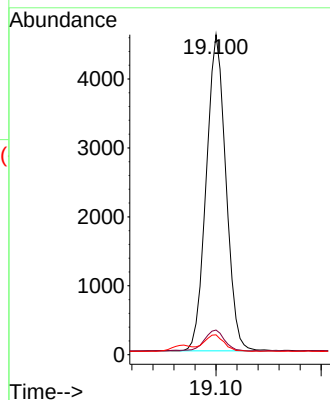
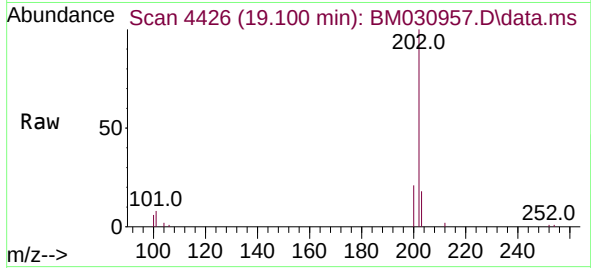




#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.100 min Scan# 4426
Delta R.T. -0.007 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

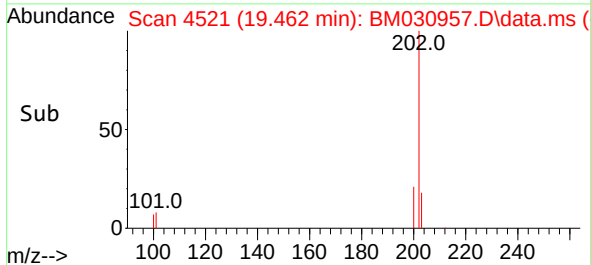
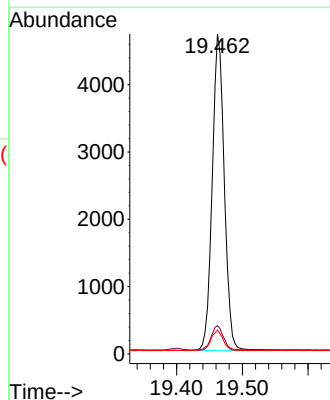
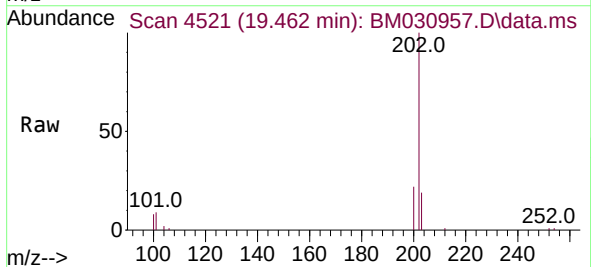
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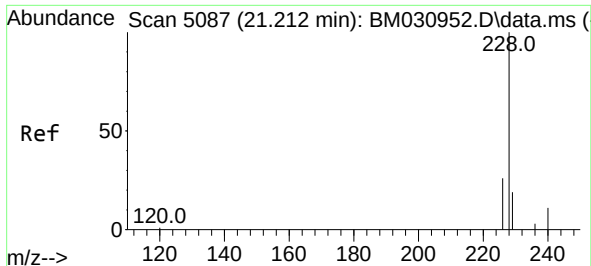
Tgt Ion:	202	Resp:	5962
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.3	9.5
100	6.2	5.0	7.6



#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.462 min Scan# 4521
Delta R.T. -0.011 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:	202	Resp:	5996
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.6	10.0
100	7.5	5.6	8.4

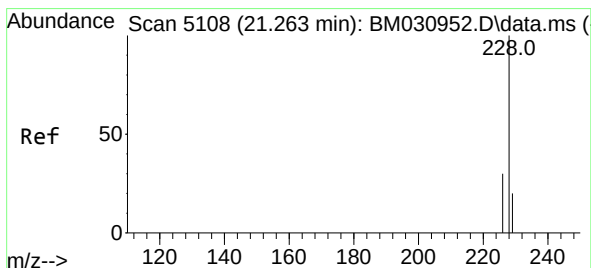
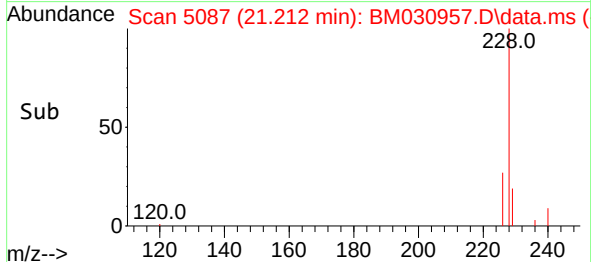
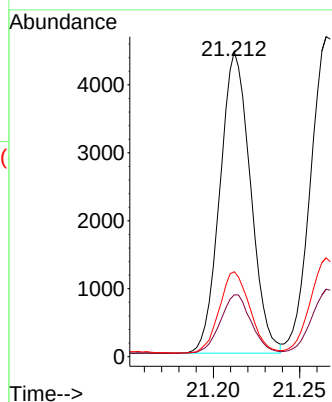
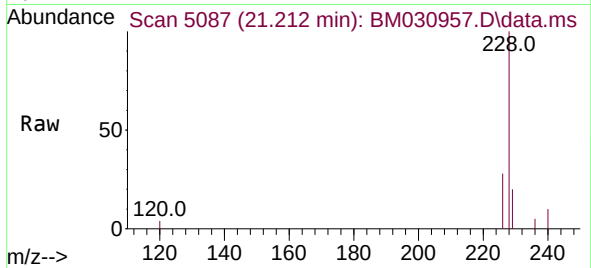




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.212 min Scan# 5087
Delta R.T. -0.009 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

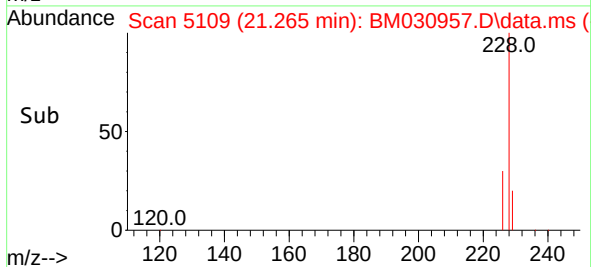
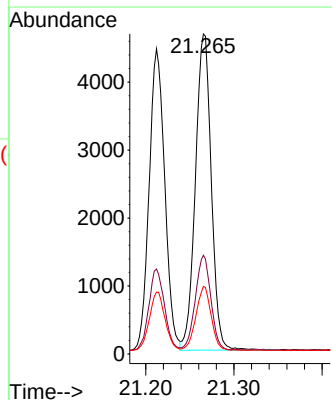
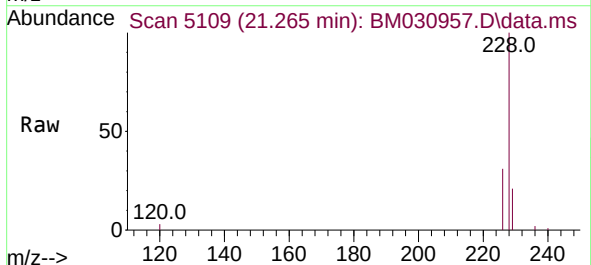
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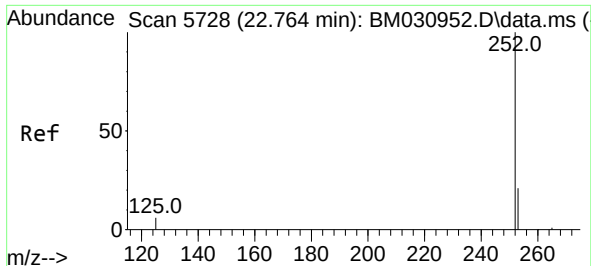
Tgt Ion:	228	Resp:	5463
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.1	24.1
226	27.9	21.8	32.8



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.265 min Scan# 5109
Delta R.T. -0.007 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:	228	Resp:	5810
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.5	36.7
229	21.1	16.4	24.6

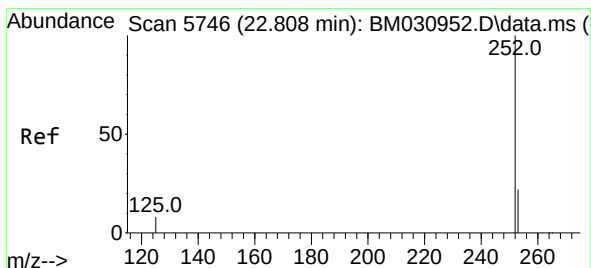
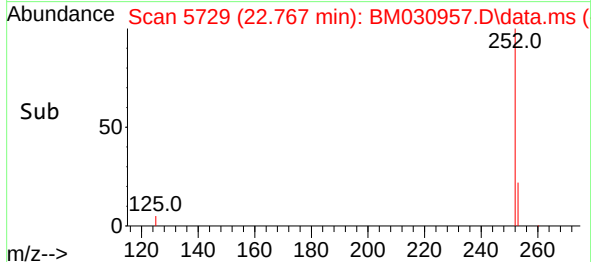
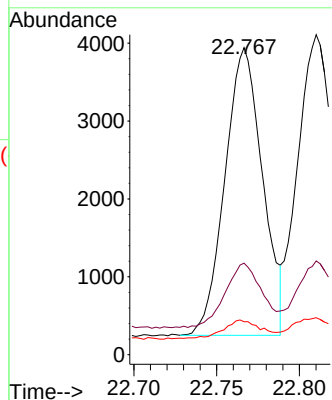
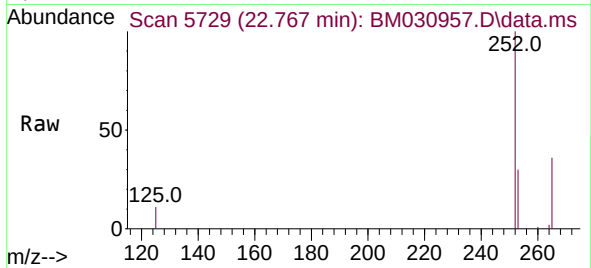




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 22.767 min Scan# 5729
Delta R.T. -0.009 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

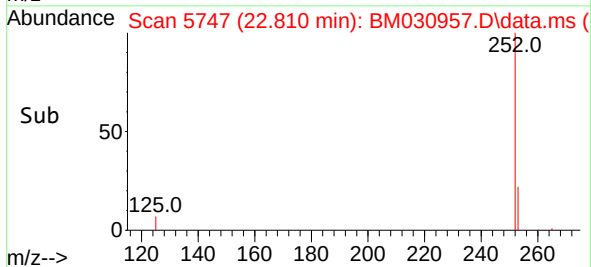
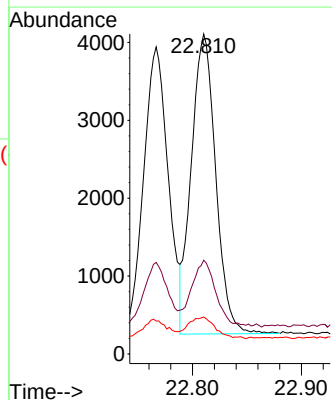
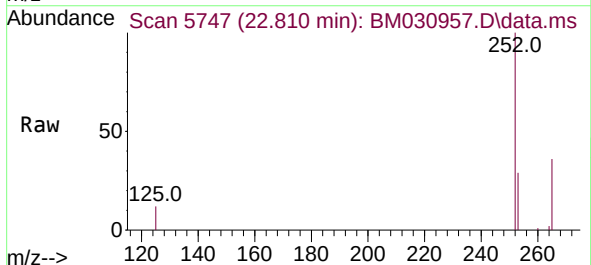
Instrument :
BNA_M
ClientSampleId :
SLCS497

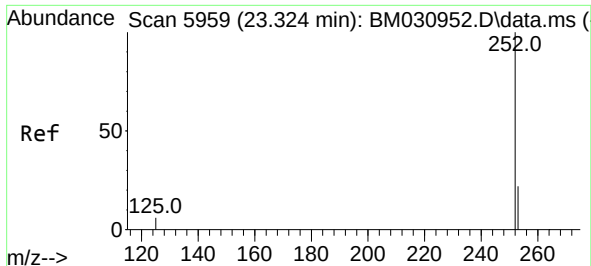
Tgt Ion:252	Resp:	5835
Ion Ratio	Lower	Upper
252	100	
253	29.8	0.0 62.0
125	10.8	0.0 23.2



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 22.810 min Scan# 5747
Delta R.T. -0.009 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:252	Resp:	5989
Ion Ratio	Lower	Upper
252	100	
253	29.3	24.3 36.5
125	11.6	9.8 14.8

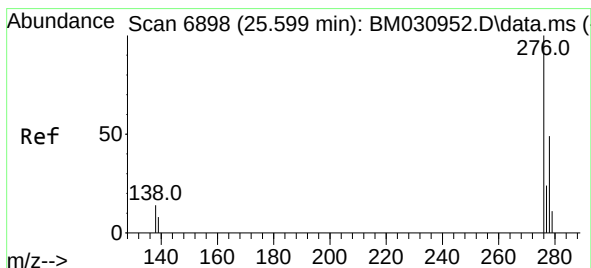
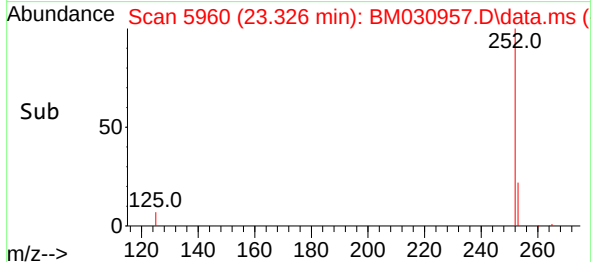
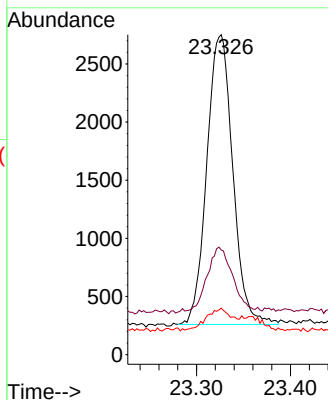
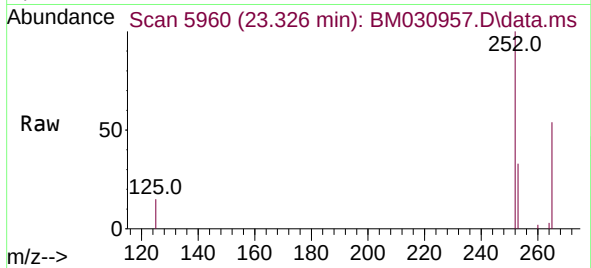




#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.326 min Scan# 5960
Delta R.T. -0.009 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

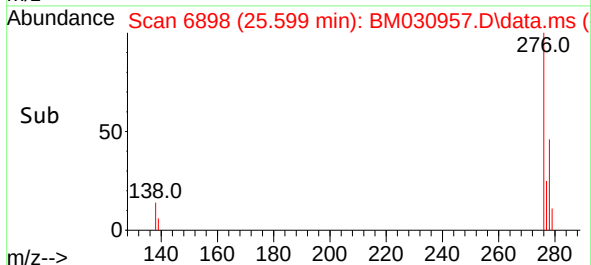
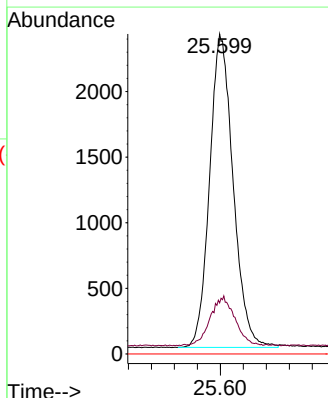
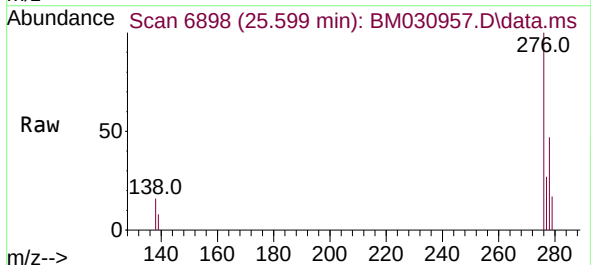
Instrument :
BNA_M
ClientSampleId :
SLCS497

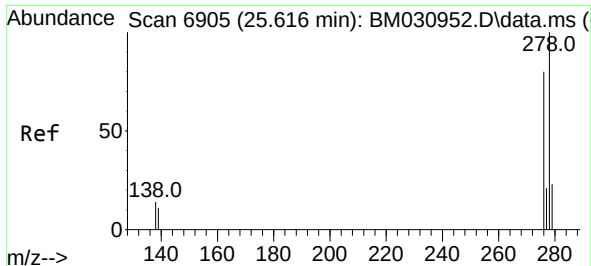
Tgt Ion:252	Resp:	4790
Ion Ratio	Lower	Upper
252	100	
253	32.7	26.5 39.7
125	14.5	11.0 16.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 25.599 min Scan# 6898
Delta R.T. -0.022 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:276	Resp:	6778
Ion Ratio	Lower	Upper
276	100	
138	16.1	13.0 19.6
227	0.0	0.0 0.0

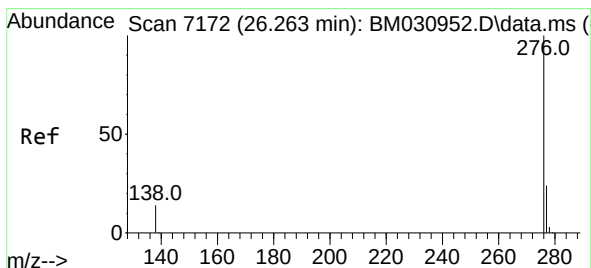
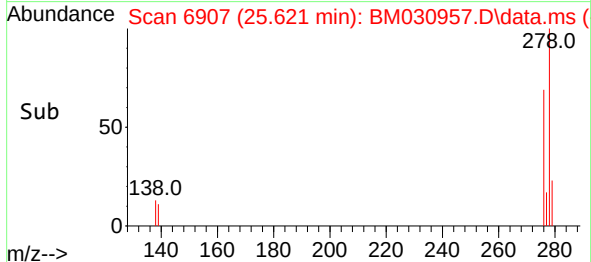
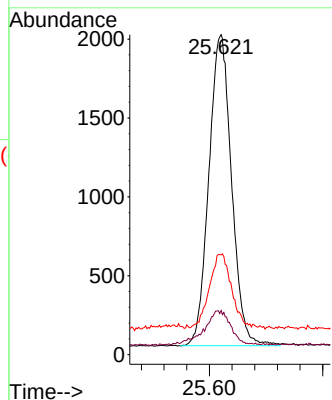
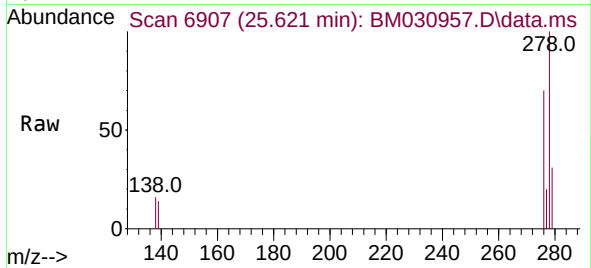




#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 25.621 min Scan# 6907
Delta R.T. -0.017 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Instrument :
BNA_M
ClientSampled :
SLCS497

Tgt Ion:278 Resp: 5481
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.0
279 31.2 26.2 39.2



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.260 min Scan# 7171
Delta R.T. -0.022 min
Lab File: BM030957.D
Acq: 14 Jul 2021 11:44

Tgt Ion:276 Resp: 5706
Ion Ratio Lower Upper
276 100
138 16.0 12.3 18.5
277 26.4 21.3 31.9

