

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030942.D
 Acq On : 13 Jul 2021 22:07
 Operator : CG/JU
 Sample : M2878-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDZ4

Quant Time: Jul 14 04:16:49 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 : Wed Jul 14 04:01:52 2021
 Response via : Initial Calibration

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

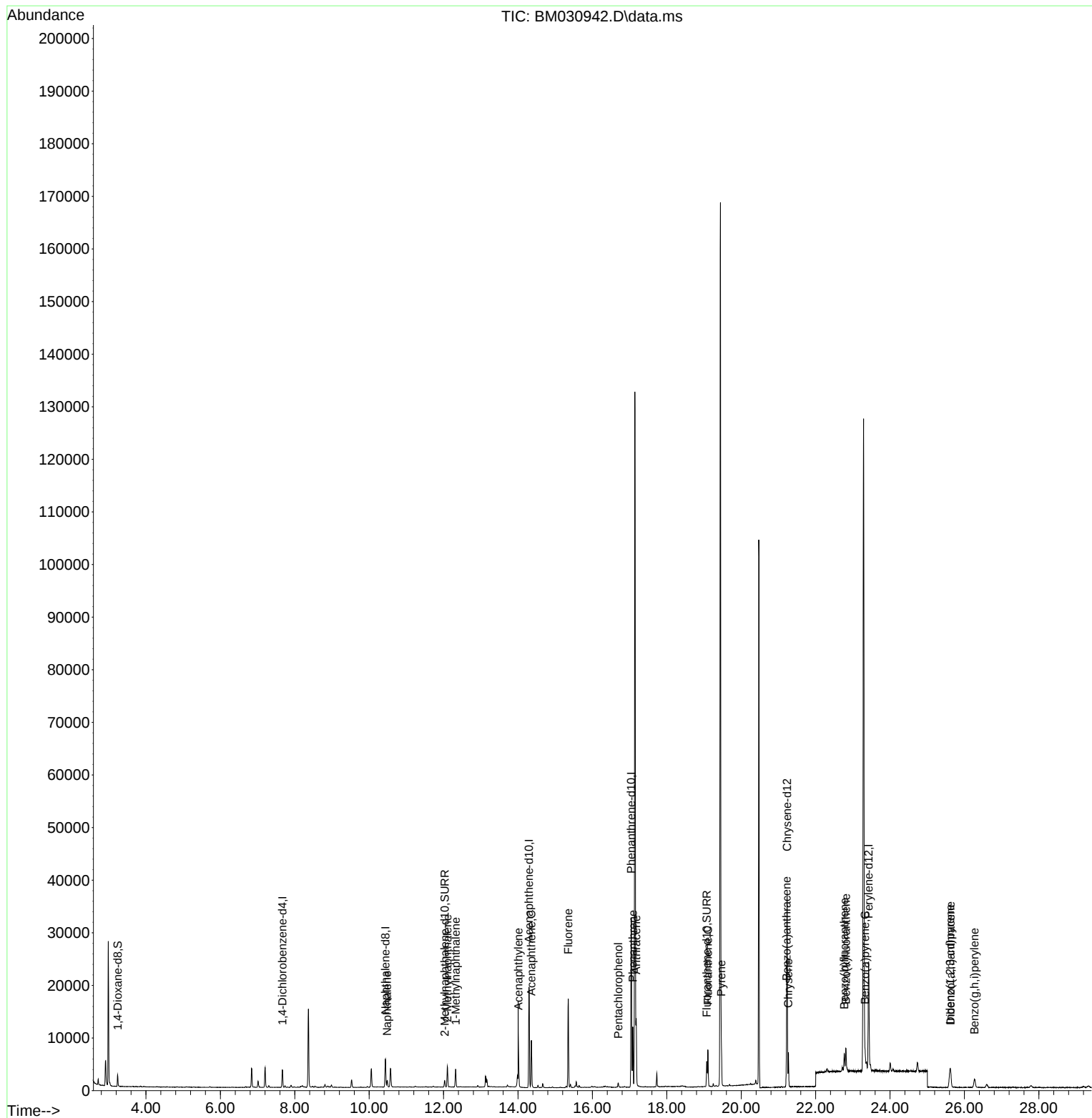
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	1557	0.400	ng/ul	0.00
4) Naphthalene-d8	10.437	136	7104	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.296	164	10424	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.044	188	39061	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.234	240	31310	0.400	ng/ul	# 0.00
23) Perylene-d12	23.425	264	25365	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	1246	0.778	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.029	152	1562	0.126	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	5344	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.482	128	1714	0.081	ng/ul	96
7) 2-Methylnaphthalene	12.101	142	2608	0.174	ng/ul	98
8) 1-Methylnaphthalene	12.326	142	2260	0.154	ng/ul	100
10) Acenaphthylene	14.015	152	5534	0.108	ng/ul	99
11) Acenaphthene	14.360	153	5280	0.143	ng/ul	97
12) Fluorene	15.350	166	10237	0.234	ng/ul	100
14) Pentachlorophenol	16.694	266	543	0.039	ng/ul	99
15) Phenanthrene	17.086	178	11831	0.097	ng/ul	98
16) Anthracene	17.176	178	12467	0.106	ng/ul	97
19) Fluoranthene	19.104	202	6237	0.045	ng/ul	98
20) Pyrene	19.466	202	6390	0.046	ng/ul#	96
21) Benzo(a)anthracene	21.217	228	5133	0.038	ng/ul	98
22) Chrysene	21.268	228	5234	0.037	ng/ul	100
24) Benzo(b)fluoranthene	22.769	252	4247	0.035	ng/ul	87
25) Benzo(k)fluoranthene	22.815	252	4476	0.036	ng/ul#	71
26) Benzo(a)pyrene	23.329	252	4177	0.039	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.613	276	4395	0.030	ng/ul#	76
28) Dibenzo(a,h)anthracene	25.628	278	3695	0.032	ng/ul#	90
29) Benzo(g,h,i)perylene	26.270	276	3398	0.028	ng/ul#	90

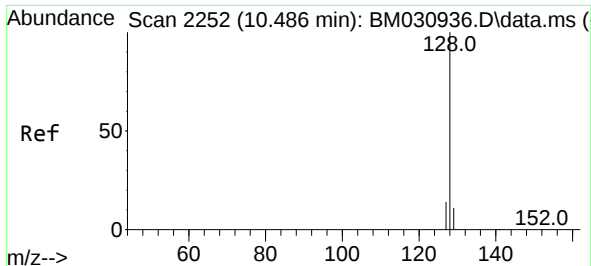
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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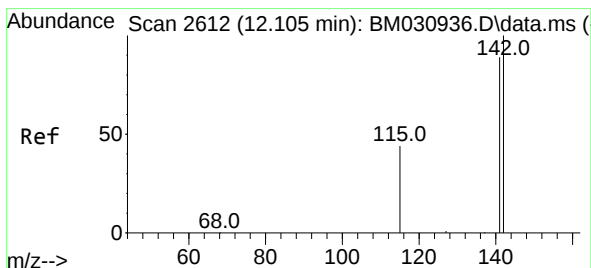
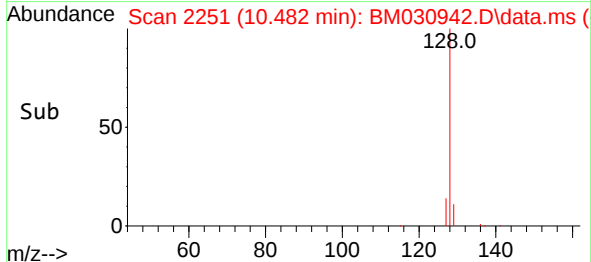
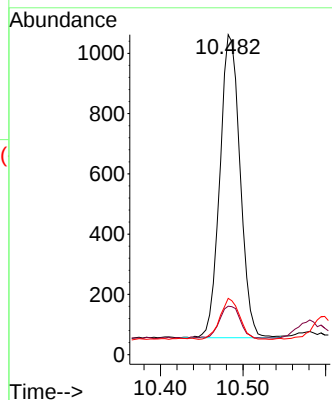
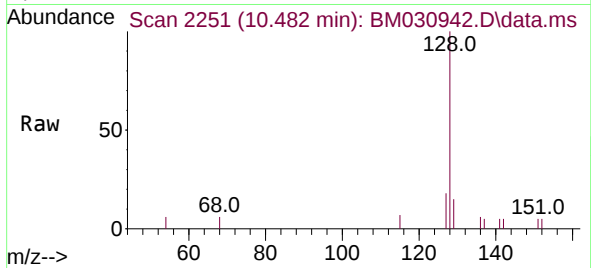




#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.482 min Scan# 2251
Delta R.T. -0.009 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

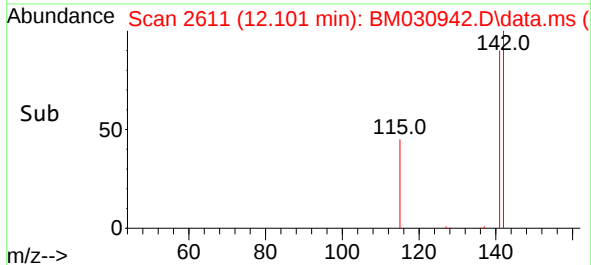
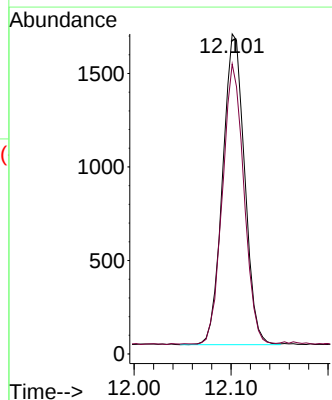
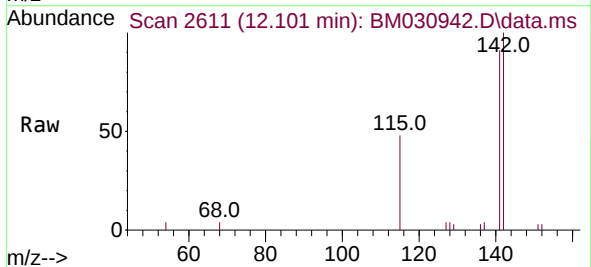
Instrument :
BNA_M
ClientSampled :
BGDZ4

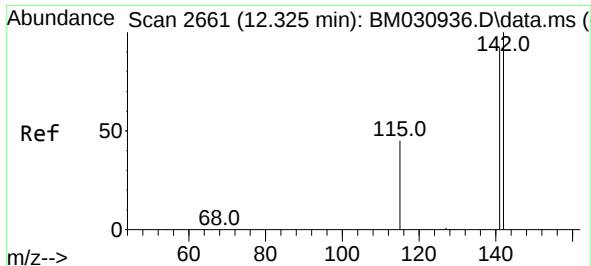
Tgt Ion:128 Resp: 1714
Ion Ratio Lower Upper
128 100
129 15.2 10.7 16.1
127 17.6 12.7 19.1



#7
2-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.009 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

Tgt Ion:142 Resp: 2608
Ion Ratio Lower Upper
142 100
141 87.8 71.8 107.8

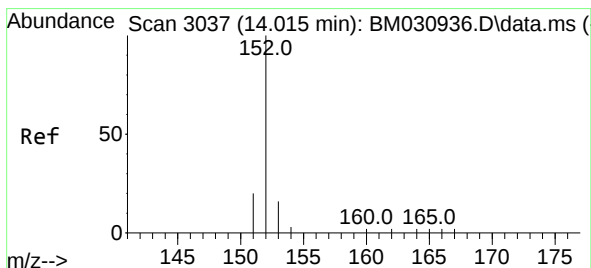
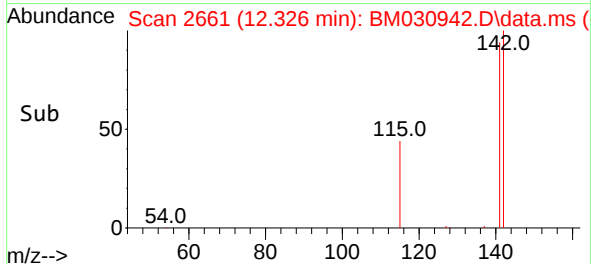
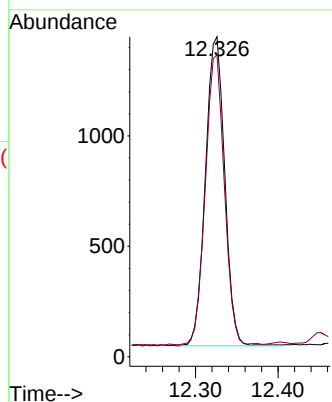
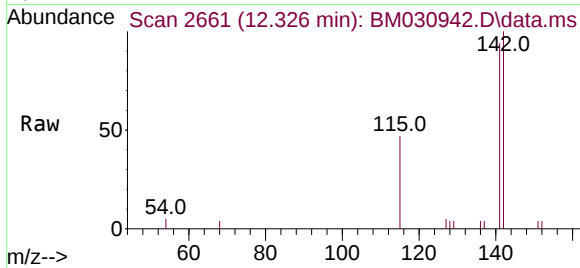




#8
1-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.326 min Scan# 2661
Delta R.T. -0.004 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

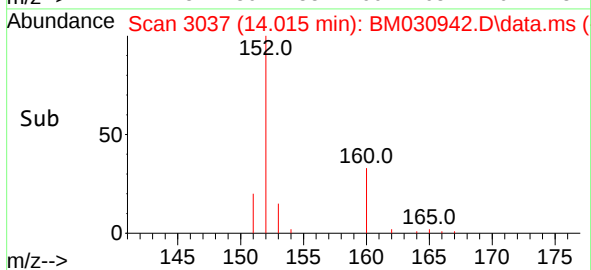
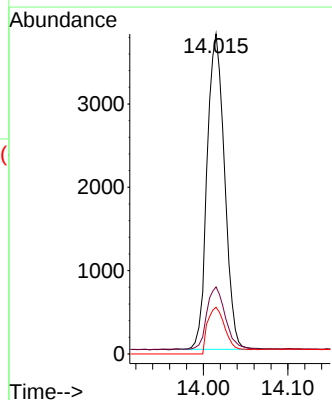
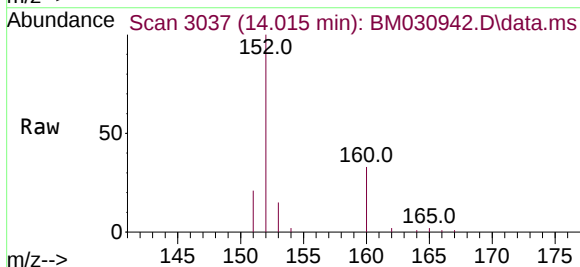
Instrument :
BNA_M
ClientSampleId :
BGDZ4

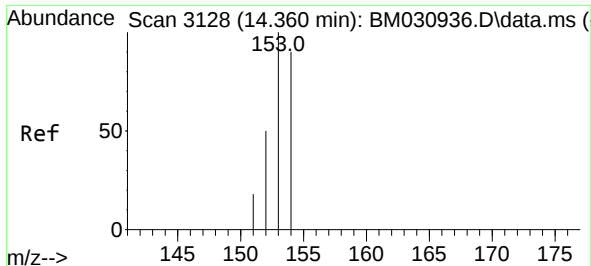
Tgt Ion:142 Resp: 2260
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.8



#10
Acenaphthylene
Concen: 0.108 ng/ul
RT: 14.015 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

Tgt Ion:152 Resp: 5534
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 14.6 12.0 18.0

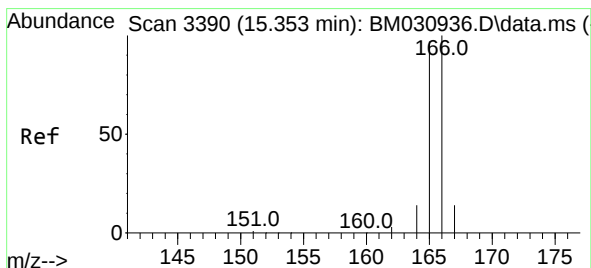
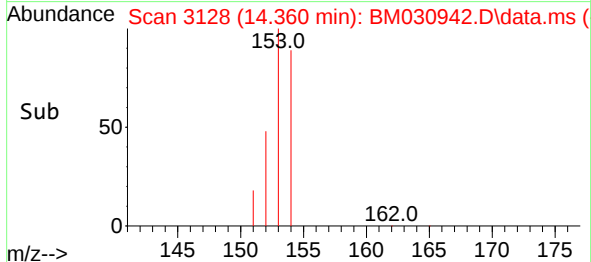
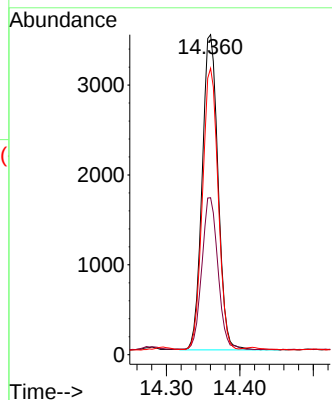
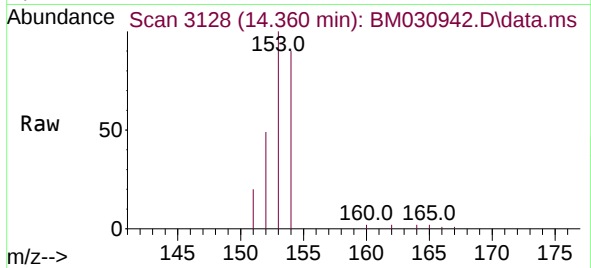




#11
Acenaphthene
Concen: 0.143 ng/ul
RT: 14.360 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

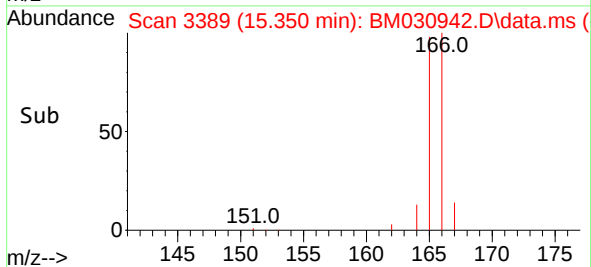
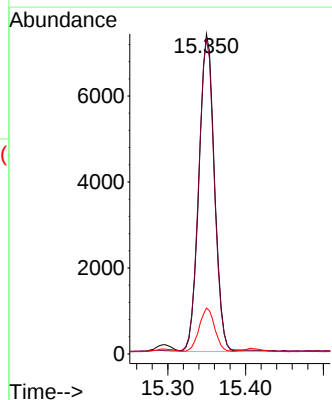
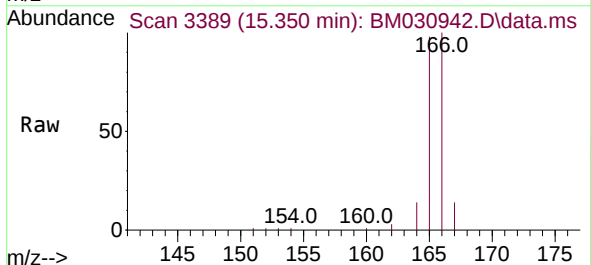
Instrument :
BNA_M
ClientSampleId :
BGDZ4

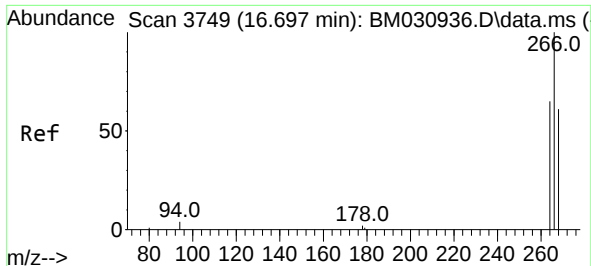
Tgt Ion:153 Resp: 5280
Ion Ratio Lower Upper
153 100
152 49.0 39.3 58.9
154 89.5 68.5 102.7



#12
Fluorene
Concen: 0.234 ng/ul
RT: 15.350 min Scan# 3389
Delta R.T. -0.004 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

Tgt Ion:166 Resp: 10237
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 14.3 12.5 18.7

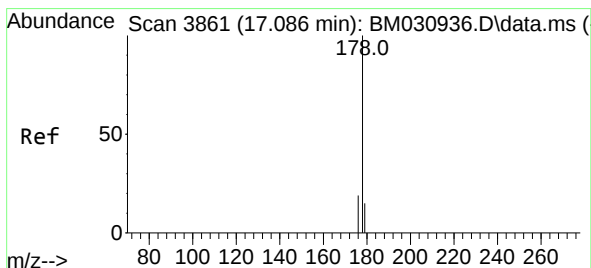
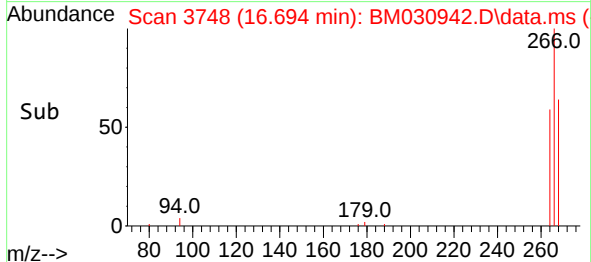
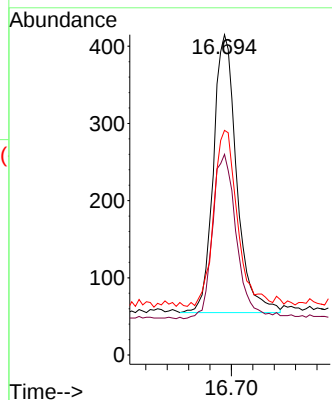
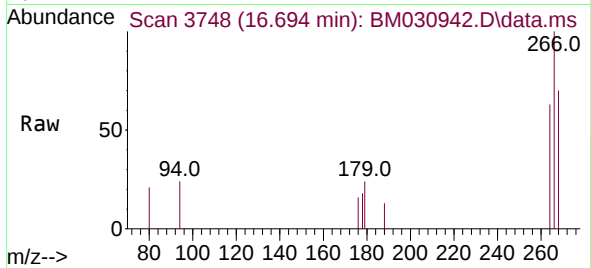




#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.694 min Scan# 3748
Delta R.T. -0.010 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

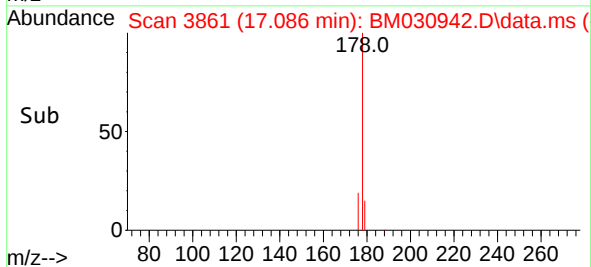
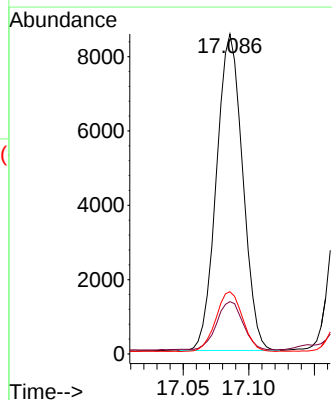
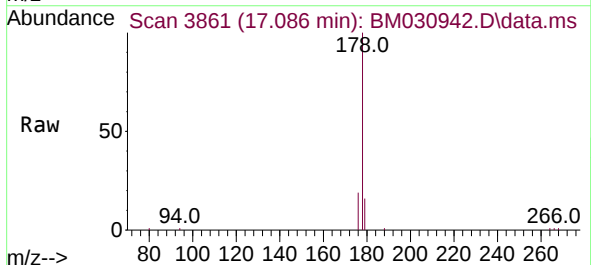
Instrument :
BNA_M
ClientSampled :
BGDZ4

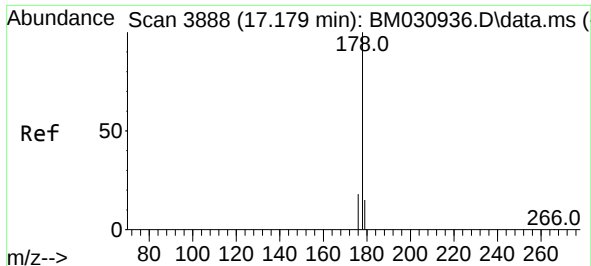
Tgt Ion:266	Resp:	543
Ion Ratio	Lower	Upper
266	100	
264	62.1	49.5 74.3
268	64.8	50.4 75.6



#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.003 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

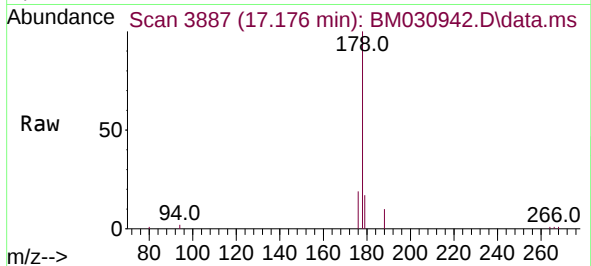
Tgt Ion:178	Resp:	11831
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.8 20.6
176	19.4	16.4 24.6



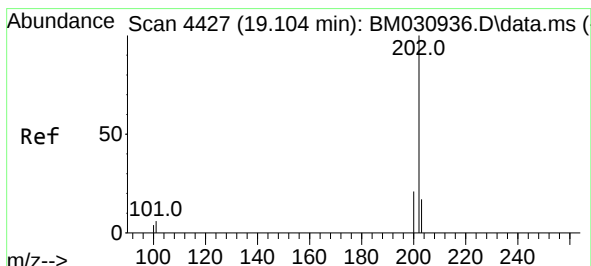
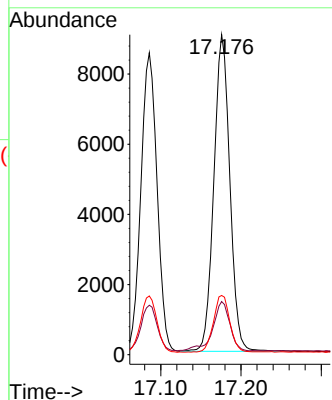
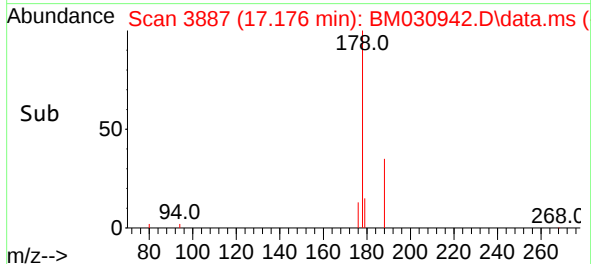


#16
 Anthracene
 Concen: 0.106 ng/ul
 RT: 17.176 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: BM030942.D
 Acq: 13 Jul 2021 22:07

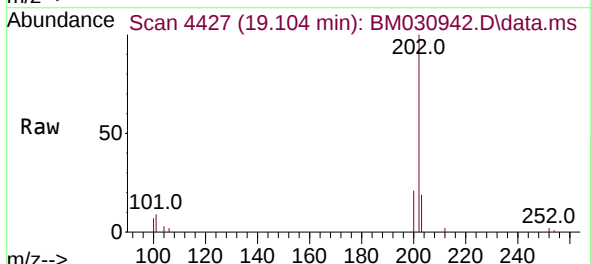
Instrument :
 BNA_M
 ClientSampleId :
 BGDZ4



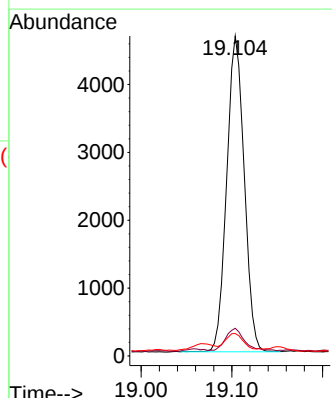
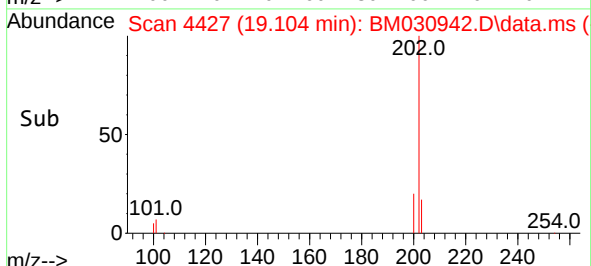
Tgt Ion:178 Resp: 12467
 Ion Ratio Lower Upper
 178 100
 179 16.6 14.5 21.7
 176 18.5 16.1 24.1

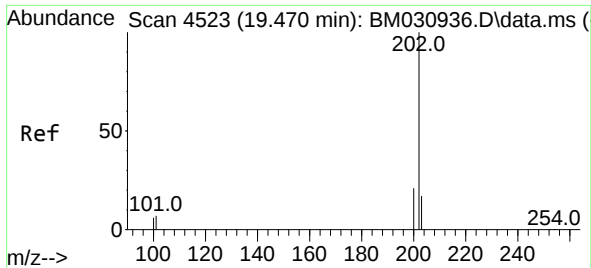


#19
 Fluoranthene
 Concen: 0.045 ng/ul
 RT: 19.104 min Scan# 4427
 Delta R.T. -0.004 min
 Lab File: BM030942.D
 Acq: 13 Jul 2021 22:07



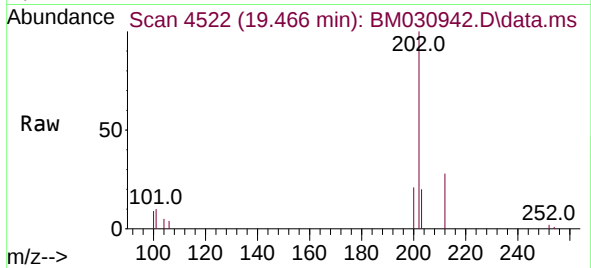
Tgt Ion:202 Resp: 6237
 Ion Ratio Lower Upper
 202 100
 101 8.7 6.3 9.5
 100 7.0 5.0 7.6



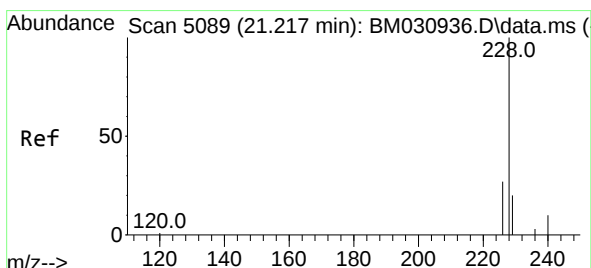
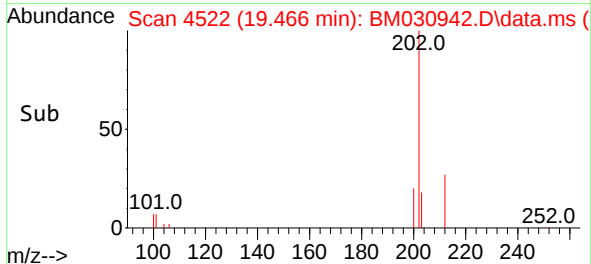
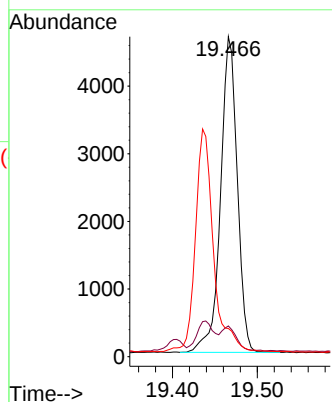


#20
Pyrene
Concen: 0.046 ng/ul
RT: 19.466 min Scan# 4522
Delta R.T. -0.008 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

Instrument :
BNA_M
ClientSampleId :
BGDZ4

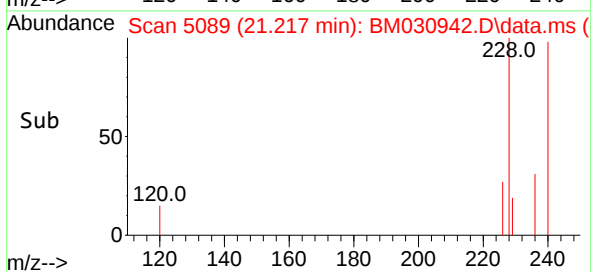
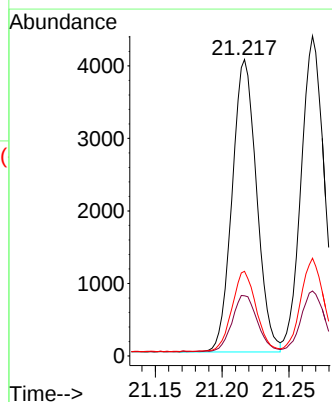
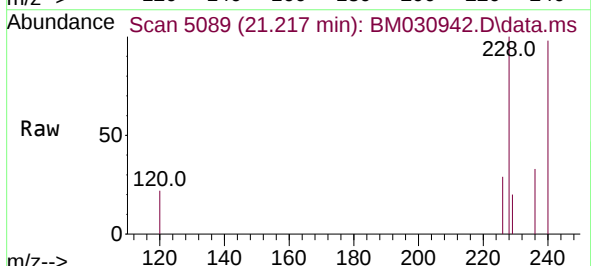


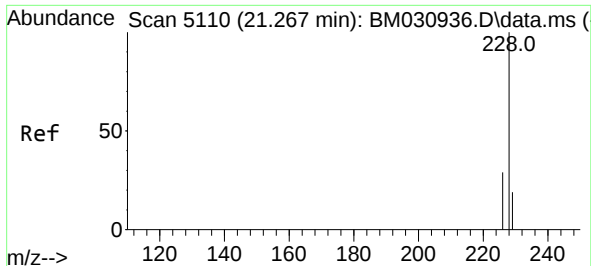
Tgt Ion:202 Resp: 6390
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 8.8 5.6 8.4#



#21
Benzo(a)anthracene
Concen: 0.038 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.005 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

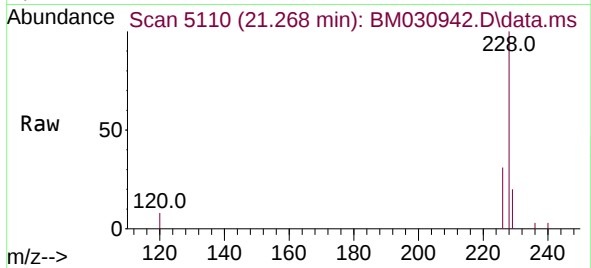
Tgt Ion:228 Resp: 5133
Ion Ratio Lower Upper
228 100
229 20.3 16.1 24.1
226 28.5 21.8 32.8



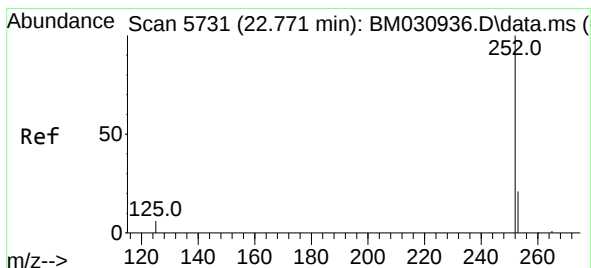
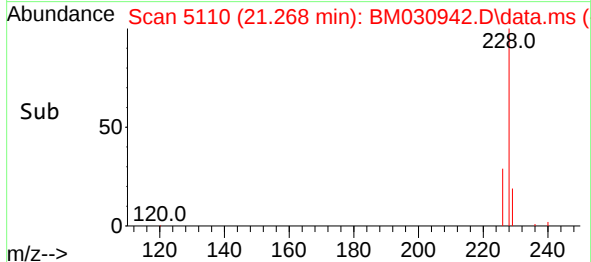
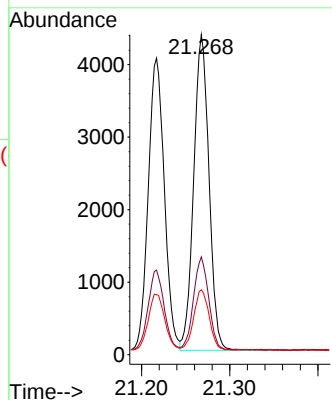


#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.268 min Scan# 5110
Delta R.T. -0.005 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

Instrument :
BNA_M
ClientSampled :
BGDZ4

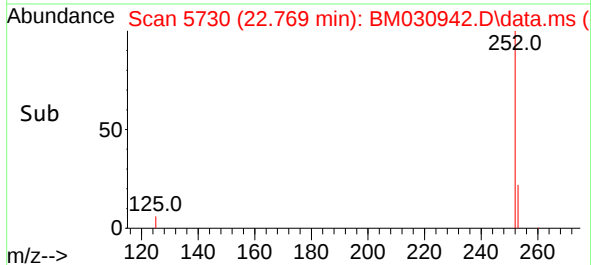
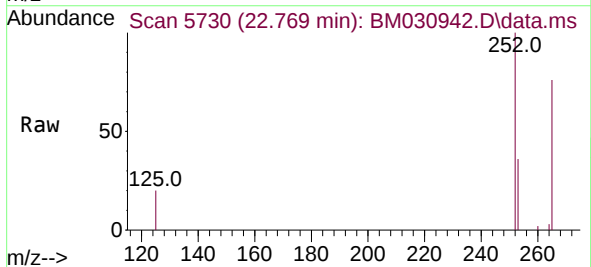
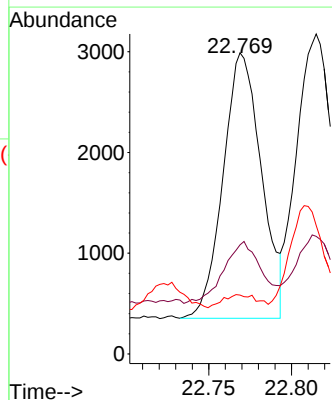


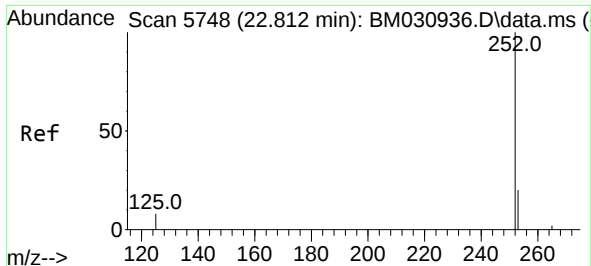
Tgt Ion:228	Resp:	5234
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.5 36.7
229	20.3	16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.035 ng/ul
RT: 22.769 min Scan# 5730
Delta R.T. -0.007 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

Tgt Ion:252	Resp:	4247
Ion Ratio	Lower	Upper
252	100	
253	36.3	0.0 62.0
125	19.6	0.0 23.2

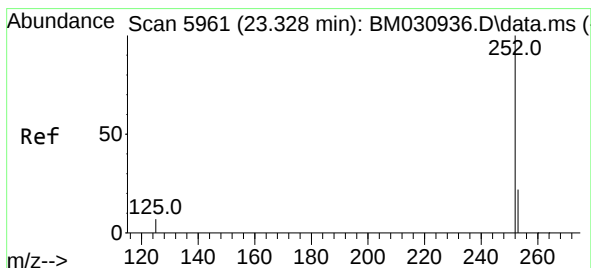
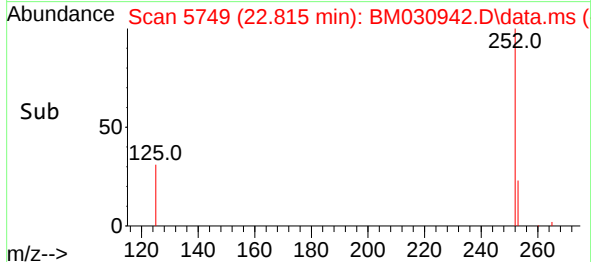
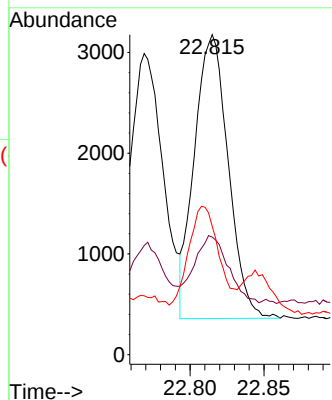
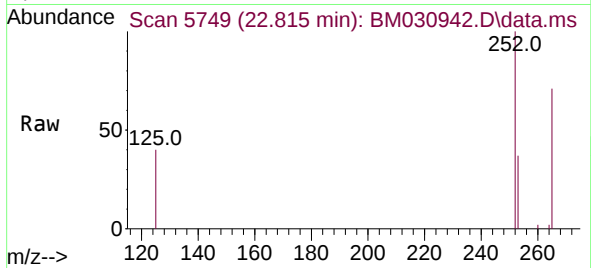




#25
Benzo(k)fluoranthene
Concen: 0.036 ng/ul
RT: 22.815 min Scan# 5749
Delta R.T. -0.005 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

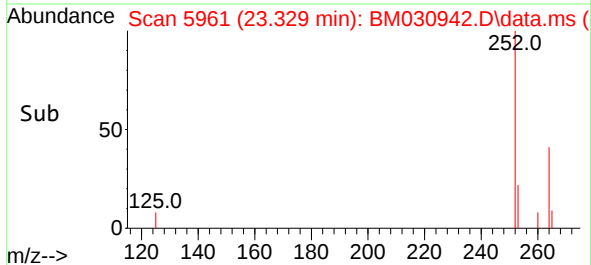
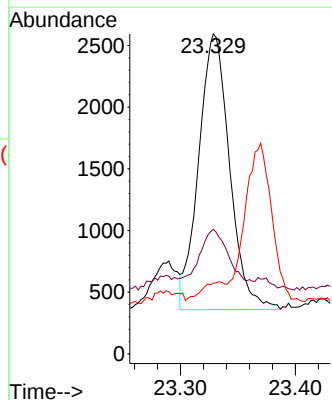
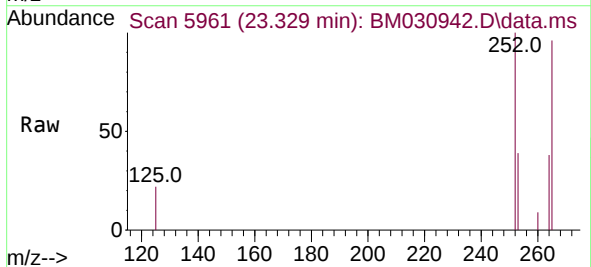
Instrument :
BNA_M
ClientSampleId :
BGDZ4

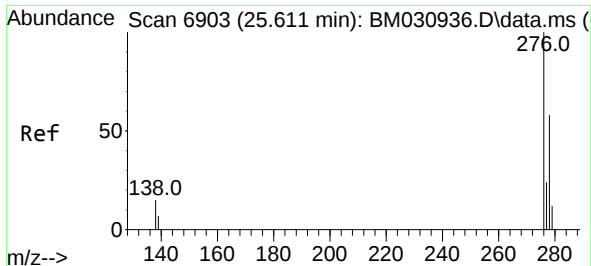
Tgt Ion:252 Resp: 4476
Ion Ratio Lower Upper
252 100
253 36.8 24.3 36.5#
125 40.2 9.8 14.8#



#26
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.329 min Scan# 5961
Delta R.T. -0.007 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

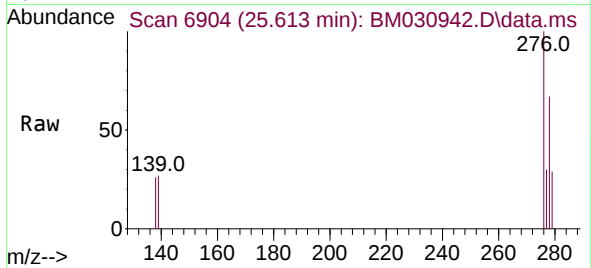
Tgt Ion:252 Resp: 4177
Ion Ratio Lower Upper
252 100
253 39.0 26.5 39.7
125 22.1 11.0 16.4#



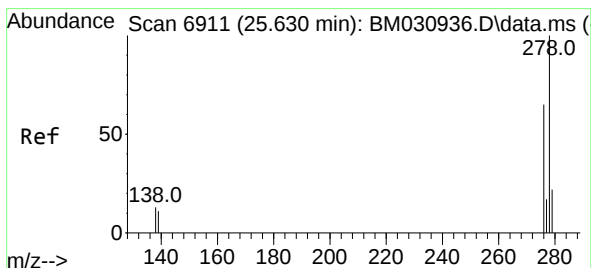
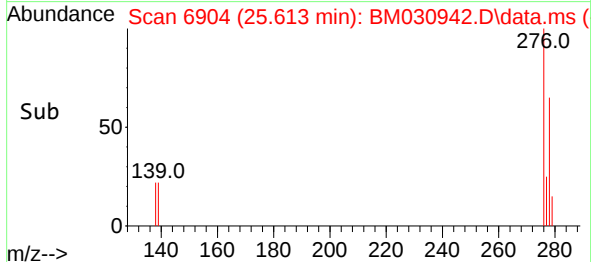
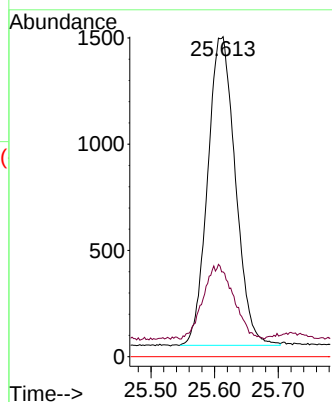


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 25.613 min Scan# 6904
Delta R.T. -0.007 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07

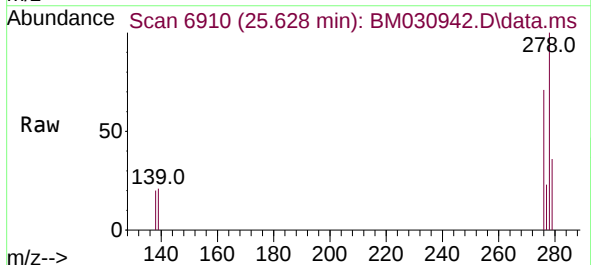
Instrument :
BNA_M
ClientSampleId :
BGDZ4



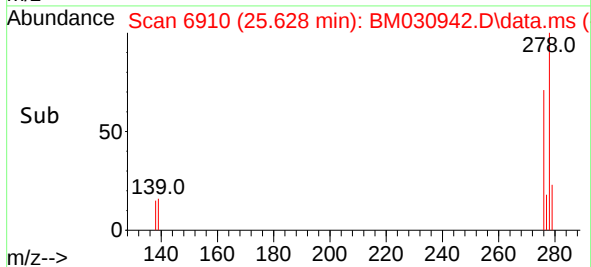
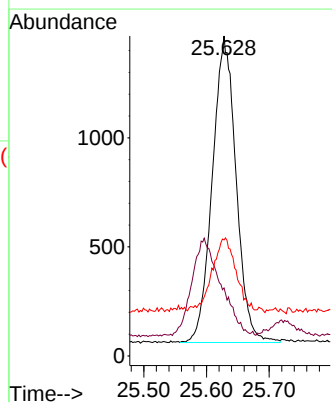
Tgt Ion:276 Resp: 4395
Ion Ratio Lower Upper
276 100
138 26.4 13.0 19.6#
227 0.0 0.0 0.0

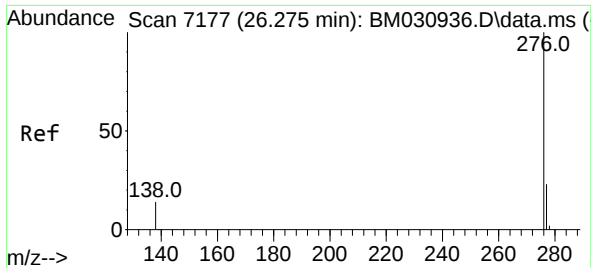


#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.628 min Scan# 6910
Delta R.T. -0.010 min
Lab File: BM030942.D
Acq: 13 Jul 2021 22:07



Tgt Ion:278 Resp: 3695
Ion Ratio Lower Upper
278 100
139 21.3 11.4 17.0#
279 36.3 26.2 39.2





#29
 Benzo(g,h,i)perylene
 Concen: 0.028 ng/ul
 RT: 26.270 min Scan# 7175
 Delta R.T. -0.012 min
 Lab File: BM030942.D
 Acq: 13 Jul 2021 22:07

Instrument :
 BNA_M
 ClientSampleId :
 BGDZ4

Tgt Ion:	276	Resp:	3398
Ion Ratio	Lower	Upper	
276	100		
138	21.3	12.3	18.5#
277	30.7	21.3	31.9

