

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
 Data File : BM032707.D
 Acq On : 25 Oct 2021 23:25
 Operator : CG/JU
 Sample : PB140160BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS160

Quant Time: Oct 26 01:43:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 10:44:54 2021
 Response via : Initial Calibration

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

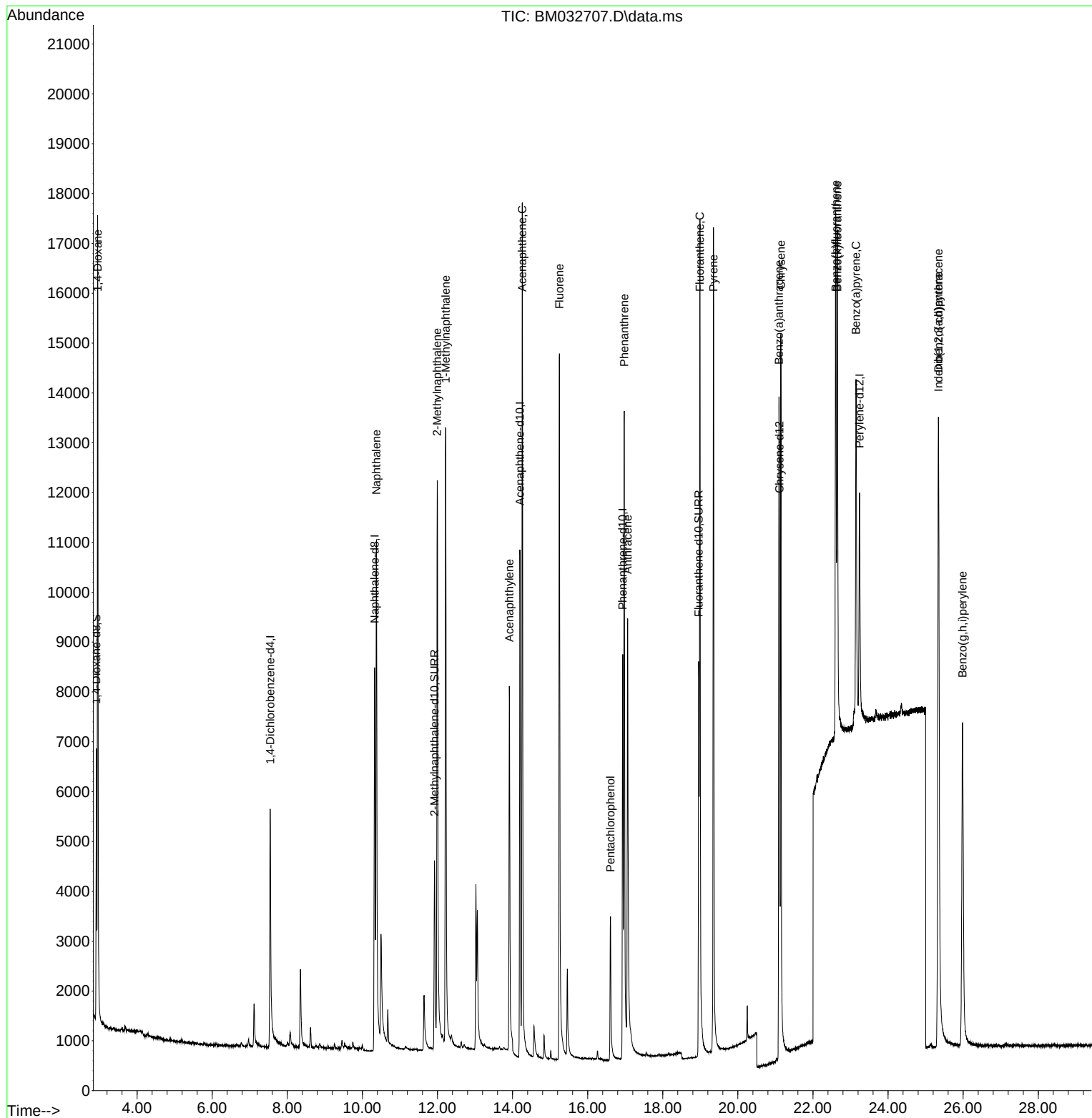
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	3496	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	11991	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.194	164	5909	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.932	188	10012	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.109	240	6692	0.400	ng/ul	0.00
23) Perylene-d12	23.240	264	6072	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.917	96	3259	0.832	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	6258	0.391	ng/ul	0.00
18) Fluoranthene-d10	18.958	212	9093	0.432	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.951	88	10427	2.416	ng/ul#	79
5) Naphthalene	10.375	128	15827	0.435	ng/ul	99
7) 2-Methylnaphthalene	11.994	142	9968	0.419	ng/ul	99
8) 1-Methylnaphthalene	12.219	142	9479	0.403	ng/ul	99
10) Acenaphthylene	13.915	152	10407	0.413	ng/ul	100
11) Acenaphthene	14.259	153	10264	0.446	ng/ul	99
12) Fluorene	15.248	166	10902	0.421	ng/ul	98
14) Pentachlorophenol	16.606	266	2298	0.892	ng/ul	99
15) Phenanthrene	16.974	178	15056	0.447	ng/ul	99
16) Anthracene	17.064	178	12232	0.414	ng/ul	100
19) Fluoranthene	18.989	202	15223	0.460	ng/ul	99
20) Pyrene	19.351	202	15274	0.449	ng/ul	100
21) Benzo(a)anthracene	21.094	228	10851	0.415	ng/ul	99
22) Chrysene	21.145	228	13384	0.465	ng/ul	100
24) Benzo(b)fluoranthene	22.605	252	13053	0.465	ng/ul	90
25) Benzo(k)fluoranthene	22.648	252	14119	0.505	ng/ul#	90
26) Benzo(a)pyrene	23.148	252	10738	0.457	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.338	276	14210	0.494	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.343	278	11317	0.499	ng/ul	94
29) Benzo(g,h,i)perylene	25.982	276	13157	0.525	ng/ul	99

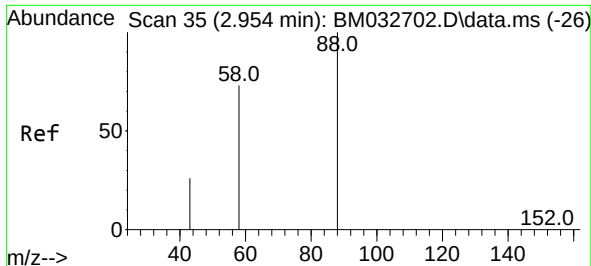
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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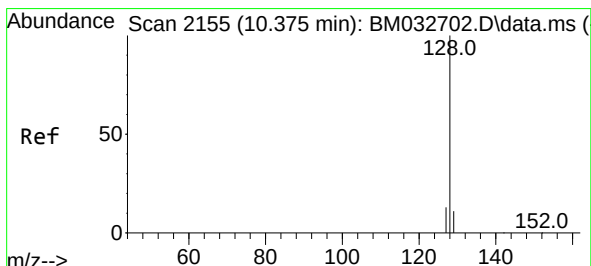
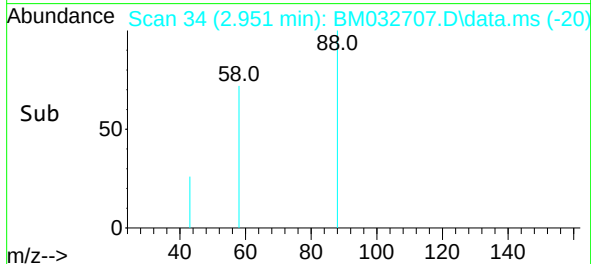
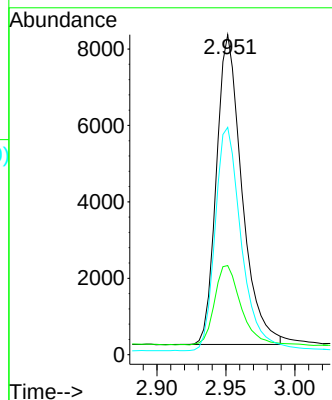
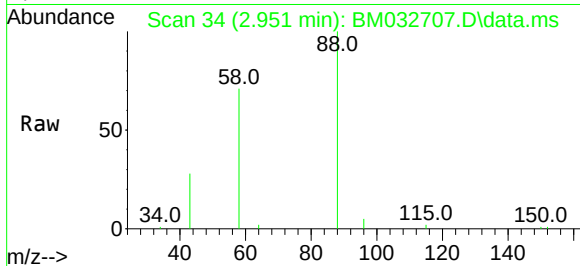




#2
1,4-Dioxane
Concen: 2.416 ng/ul
RT: 2.951 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

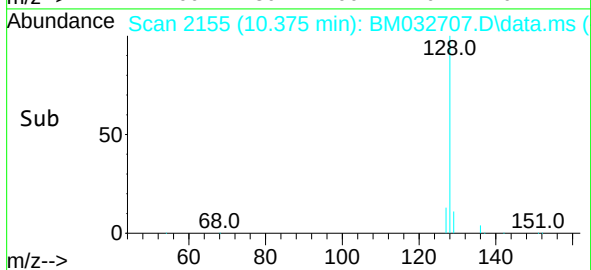
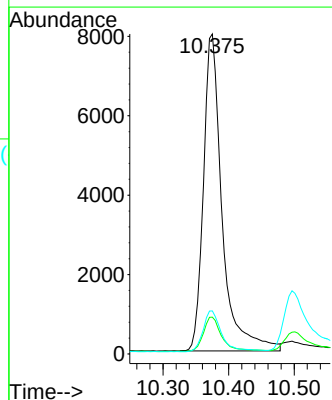
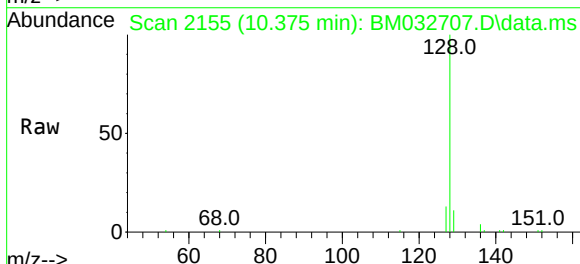
Instrument :
BNA_M
ClientSampleId :
SLCS160

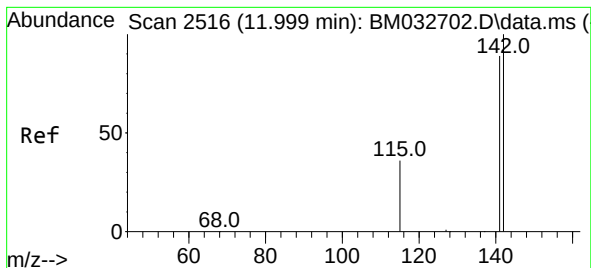
Tgt Ion: 88 Resp: 10427
Ion Ratio Lower Upper
88 100
43 27.8 46.6 69.8#
58 71.1 60.7 91.1



#5
Naphthalene
Concen: 0.435 ng/ul
RT: 10.375 min Scan# 2155
Delta R.T. -0.004 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Tgt Ion: 128 Resp: 15827
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 11.1 16.7

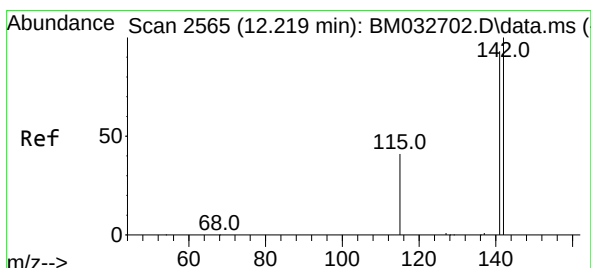
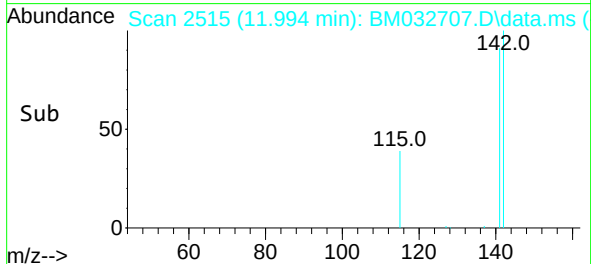
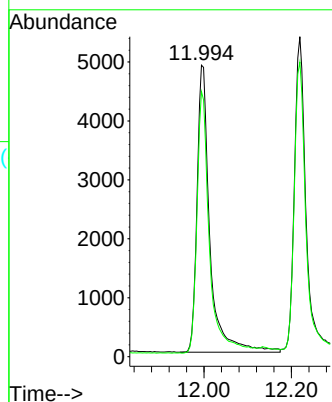
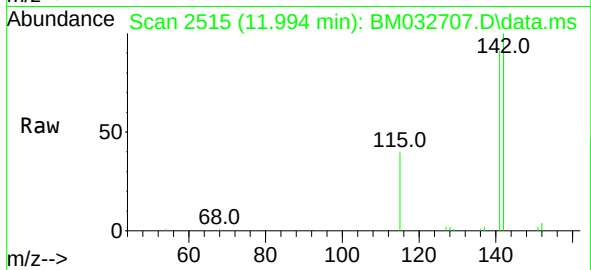




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 11.994 min Scan# 2515
Delta R.T. -0.004 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

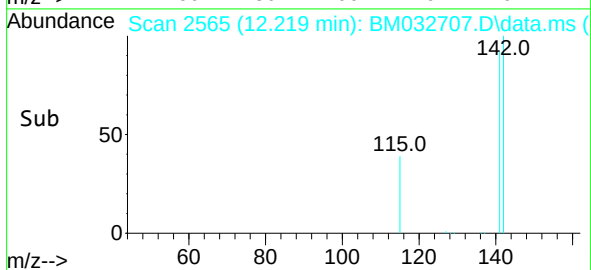
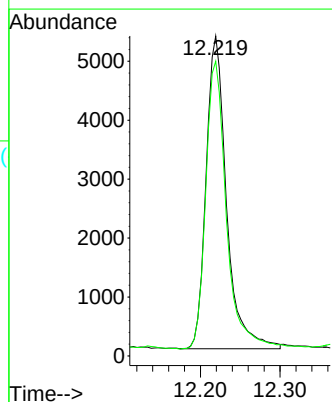
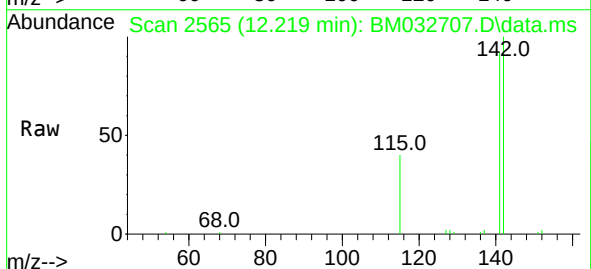
Instrument :
BNA_M
ClientSampled :
SLCS160

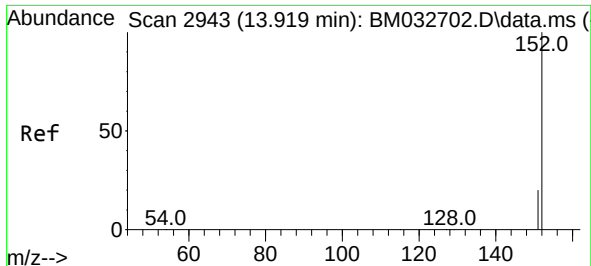
Tgt Ion:142 Resp: 9968
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.219 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

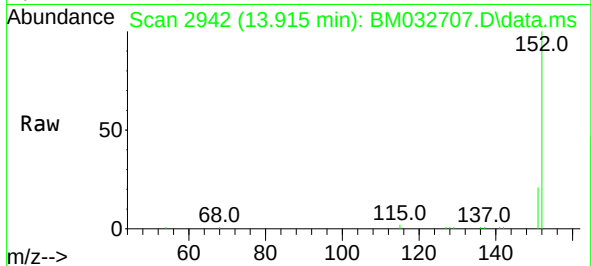
Tgt Ion:142 Resp: 9479
Ion Ratio Lower Upper
142 100
141 93.1 74.9 112.3



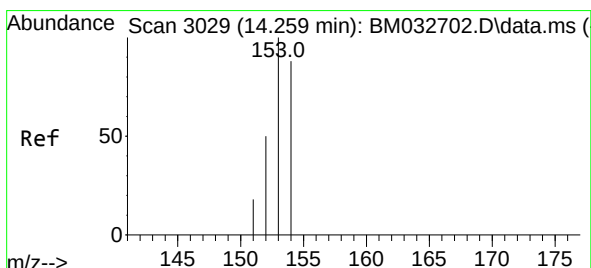
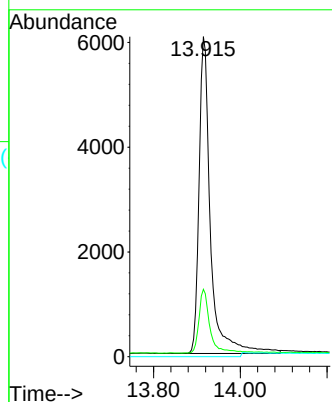
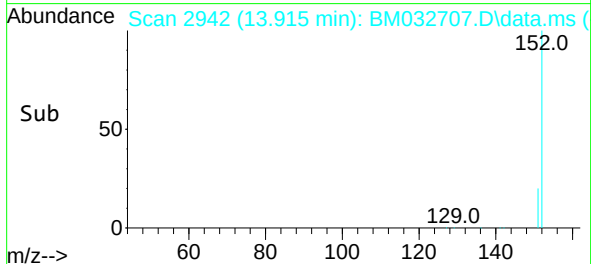


#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 13.915 min Scan# 2942
Delta R.T. -0.004 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

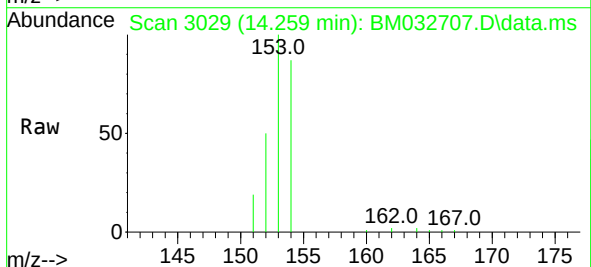
Instrument :
BNA_M
ClientSampleId :
SLCS160



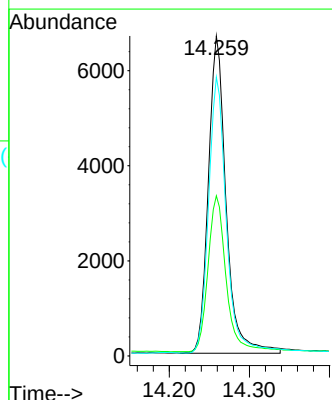
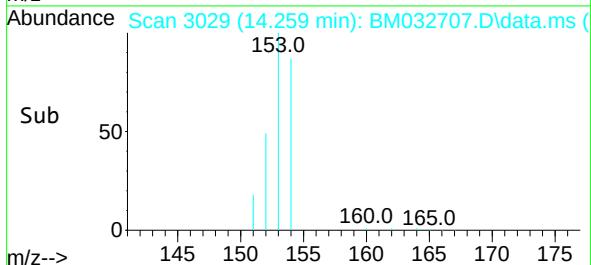
Tgt Ion:152 Resp: 10407
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 0.0 0.0 0.0

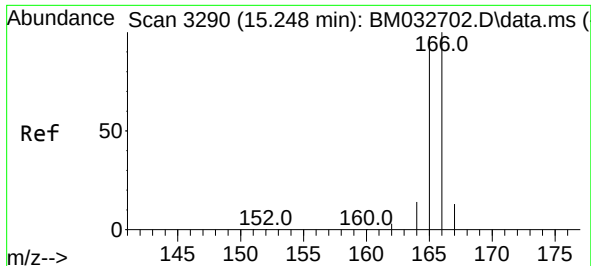


#11
Acenaphthene
Concen: 0.446 ng/ul
RT: 14.259 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25



Tgt Ion:153 Resp: 10264
Ion Ratio Lower Upper
153 100
152 50.1 40.4 60.6
154 87.1 70.8 106.2

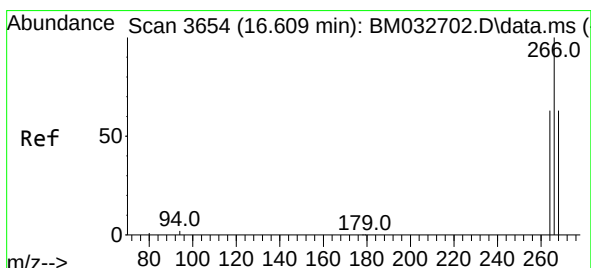
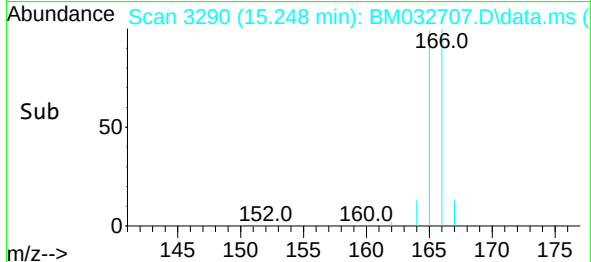
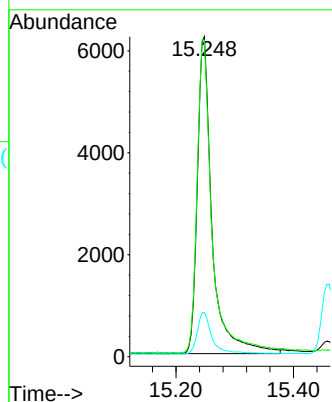
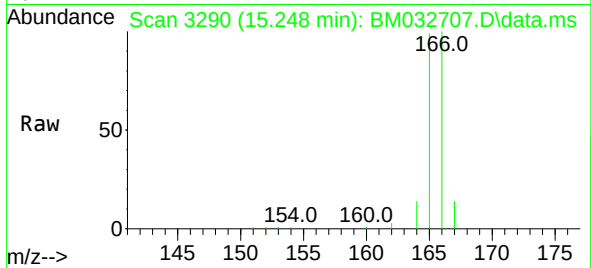




#12
Fluorene
Concen: 0.421 ng/ul
RT: 15.248 min Scan# 3290
Delta R.T. -0.004 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

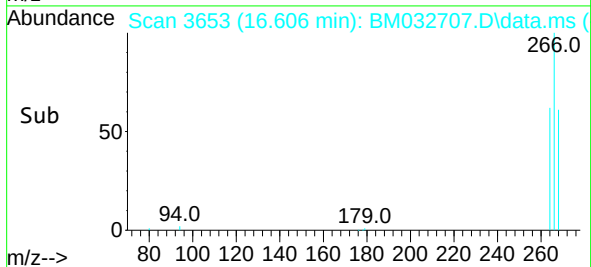
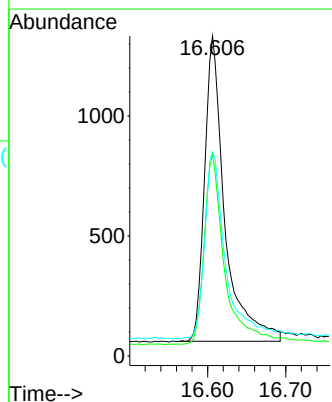
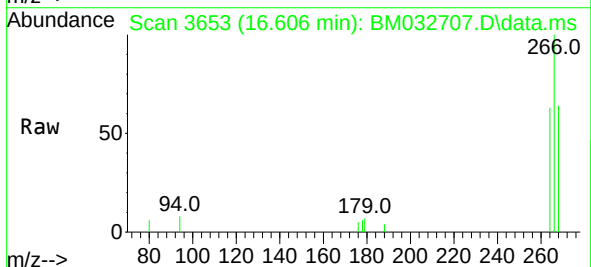
Instrument :
BNA_M
ClientSampleId :
SLCS160

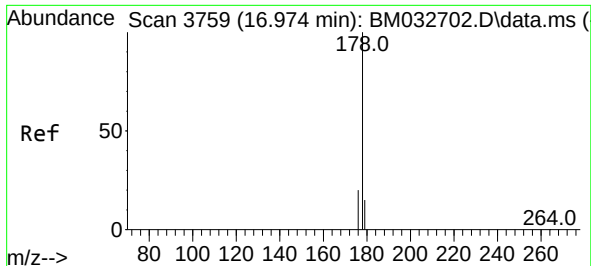
Tgt Ion:166 Resp: 10902
Ion Ratio Lower Upper
166 100
165 98.9 80.7 121.1
167 13.9 11.2 16.8



#14
Pentachlorophenol
Concen: 0.892 ng/ul
RT: 16.606 min Scan# 3653
Delta R.T. -0.003 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Tgt Ion:266 Resp: 2298
Ion Ratio Lower Upper
266 100
264 62.6 50.8 76.2
268 63.9 50.2 75.2

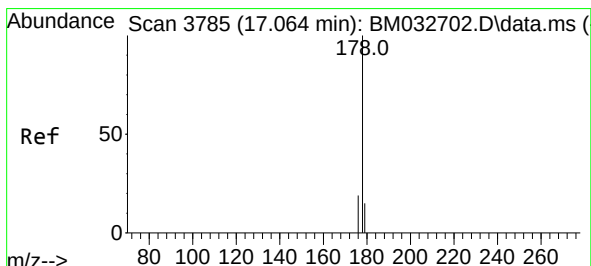
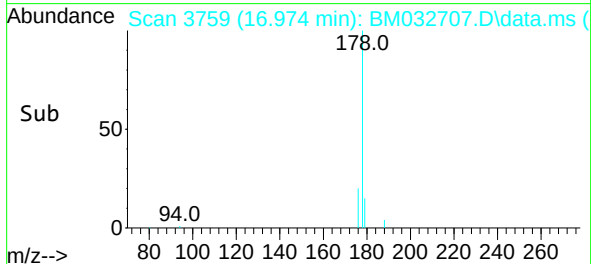
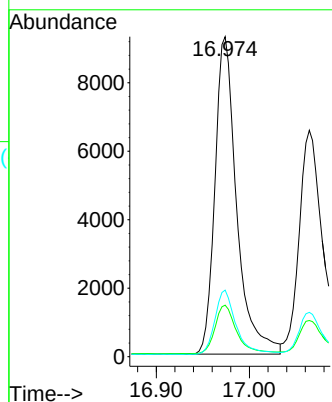
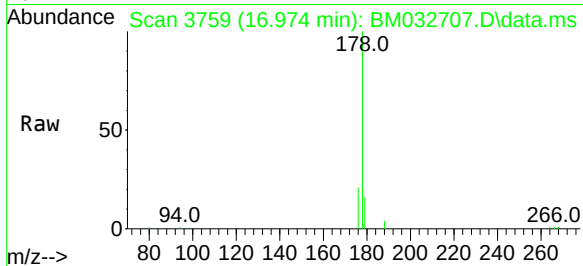




#15
Phenanthrene
Concen: 0.447 ng/ul
RT: 16.974 min Scan# 3759
Delta R.T. -0.003 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

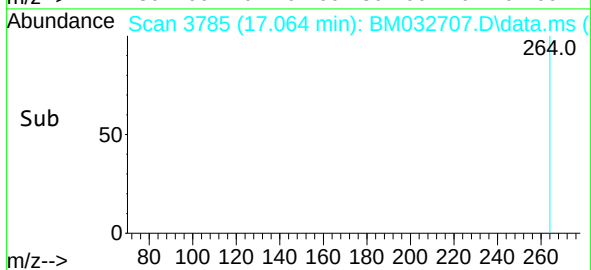
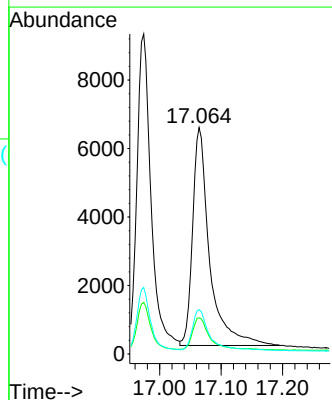
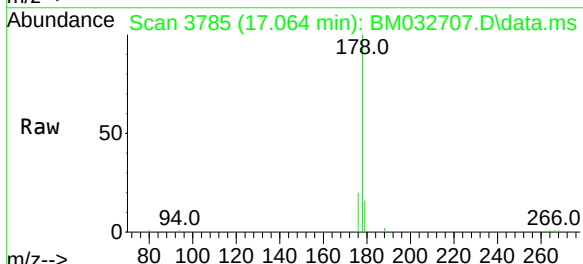
Instrument :
BNA_M
ClientSampleId :
SLCS160

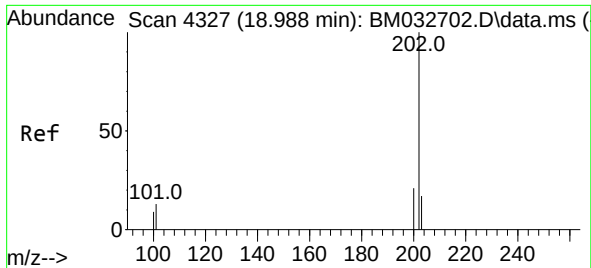
Tgt Ion:	178	Resp:	15056
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	20.8	16.1	24.1



#16
Anthracene
Concen: 0.414 ng/ul
RT: 17.064 min Scan# 3785
Delta R.T. -0.003 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Tgt Ion:	178	Resp:	12232
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	19.6	15.8	23.6

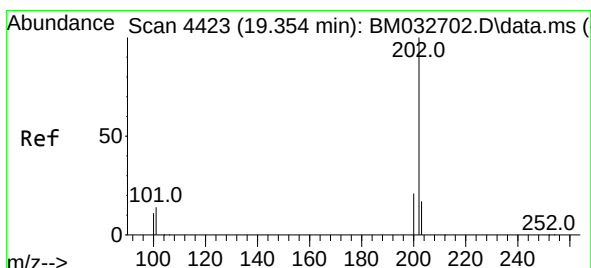
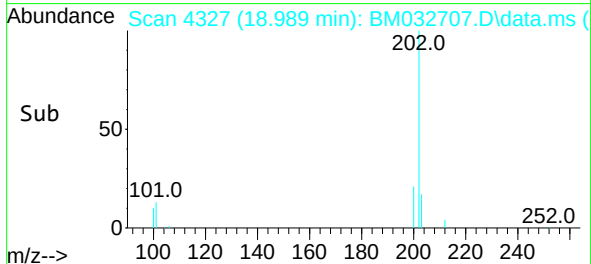
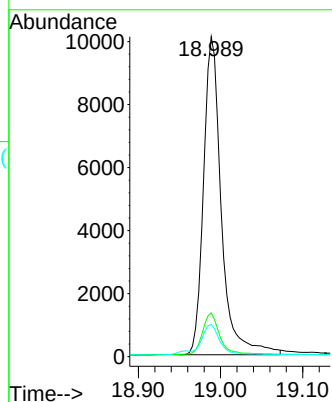
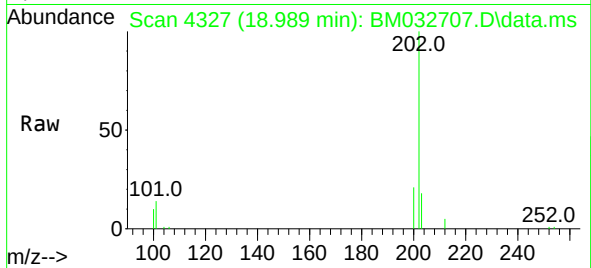




#19
Fluoranthene
Concen: 0.460 ng/u1
RT: 18.989 min Scan# 4327
Delta R.T. -0.004 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

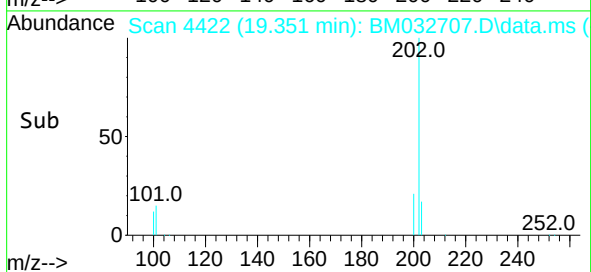
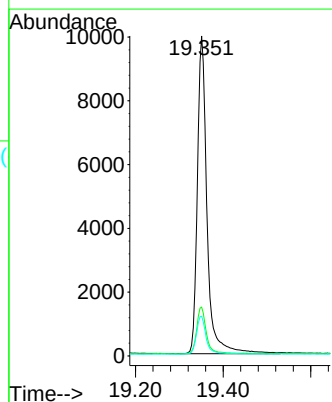
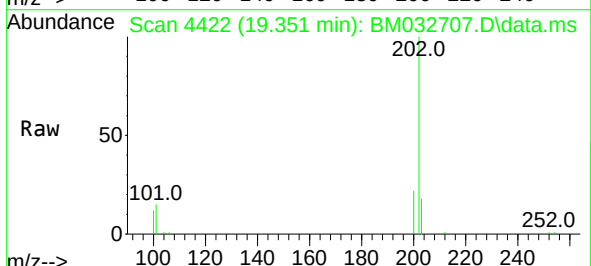
Instrument :
BNA_M
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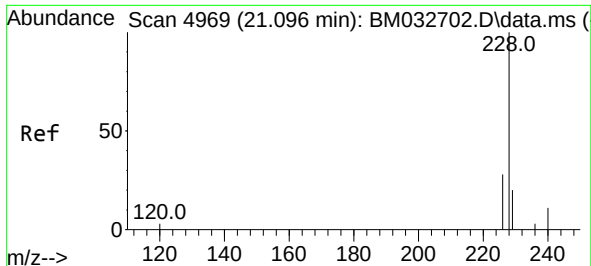
Tgt Ion:202 Resp: 15223
Ion Ratio Lower Upper
202 100
101 13.7 10.6 16.0
100 10.1 7.8 11.8



#20
Pyrene
Concen: 0.449 ng/u1
RT: 19.351 min Scan# 4422
Delta R.T. -0.004 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Tgt Ion:202 Resp: 15274
Ion Ratio Lower Upper
202 100
101 15.3 12.3 18.5
100 12.4 10.1 15.1

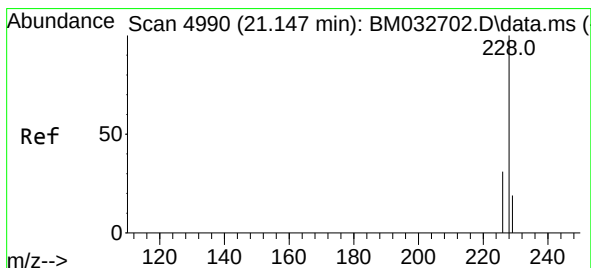
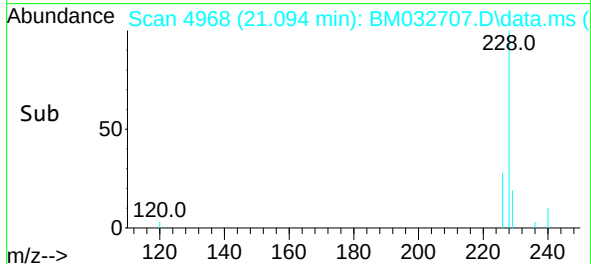
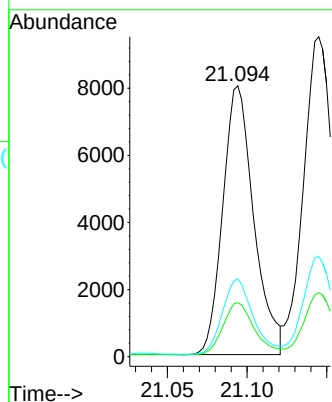
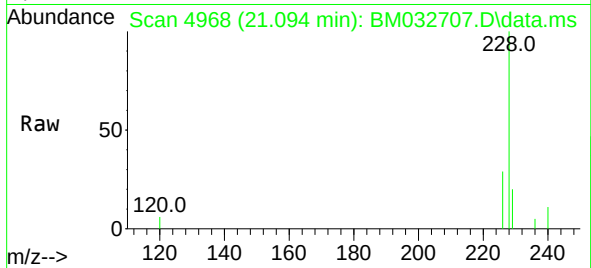




#21
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.094 min Scan# 4968
Delta R.T. -0.005 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

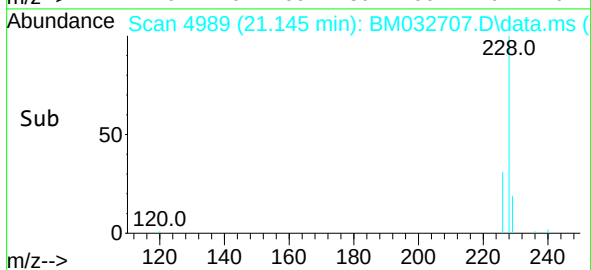
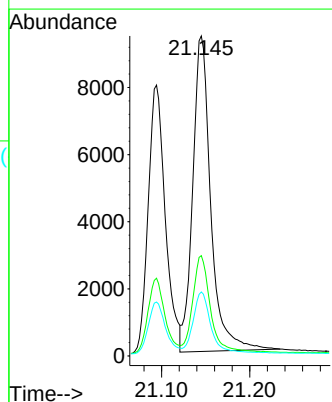
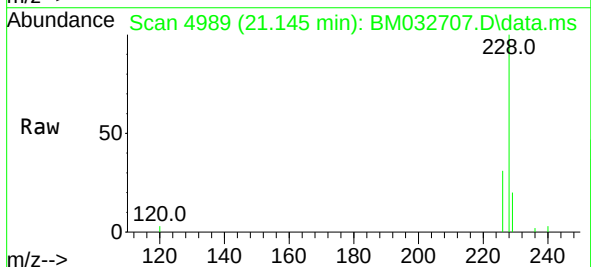
Instrument :
BNA_M
ClientSampleId :
SLCS160

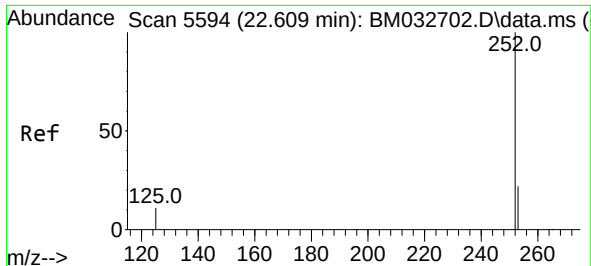
Tgt Ion:228	Resp:	10851
Ion Ratio	Lower	Upper
228	100	
229	19.9	15.9 23.9
226	28.7	22.4 33.6



#22
Chrysene
Concen: 0.465 ng/ul
RT: 21.145 min Scan# 4989
Delta R.T. -0.005 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Tgt Ion:228	Resp:	13384
Ion Ratio	Lower	Upper
228	100	
226	31.4	25.1 37.7
229	20.0	15.7 23.5

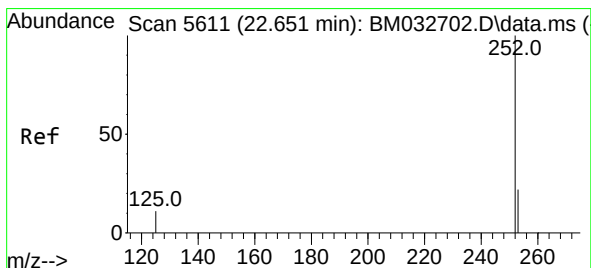
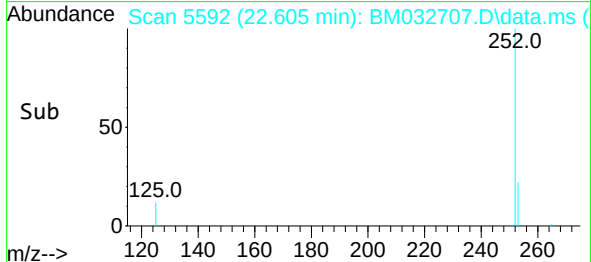
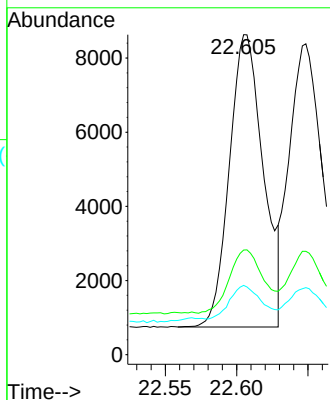
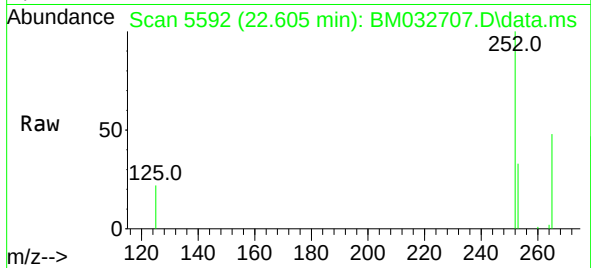




#24
Benzo(b)fluoranthene
Concen: 0.465 ng/ul
RT: 22.605 min Scan# 5592
Delta R.T. -0.009 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

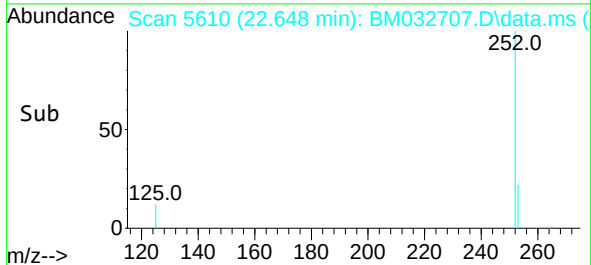
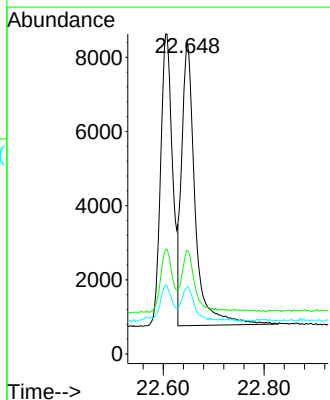
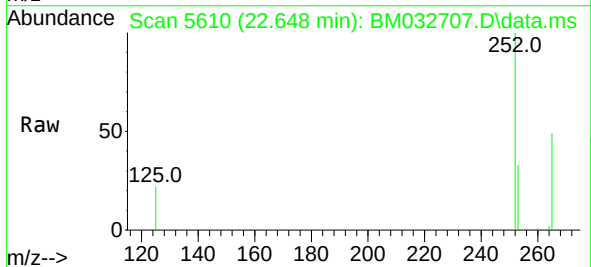
Instrument :
BNA_M
ClientSampleId :
SLCS160

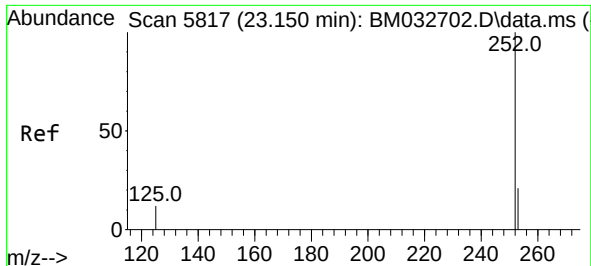
Tgt Ion:252 Resp: 13053
Ion Ratio Lower Upper
252 100
253 32.7 0.0 53.8
125 21.7 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.505 ng/ul
RT: 22.648 min Scan# 5610
Delta R.T. -0.005 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Tgt Ion:252 Resp: 14119
Ion Ratio Lower Upper
252 100
253 33.3 21.8 32.6#
125 21.5 14.4 21.6

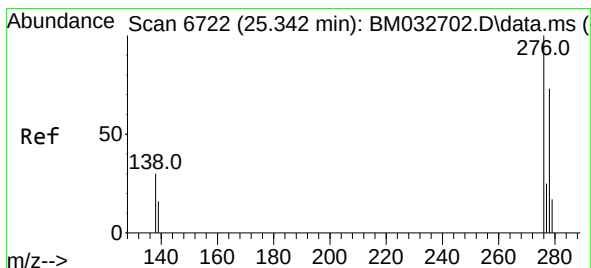
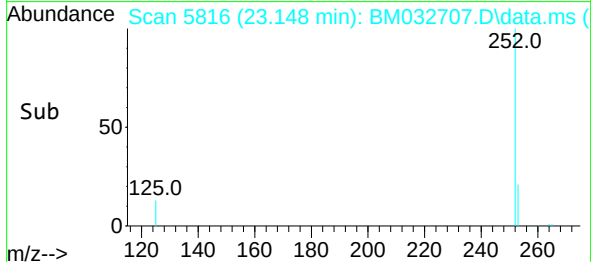
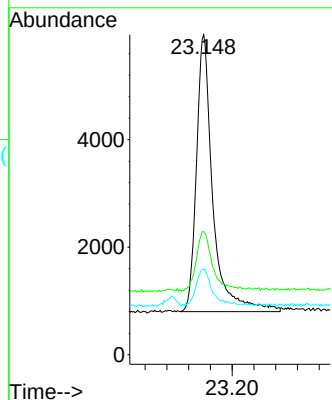
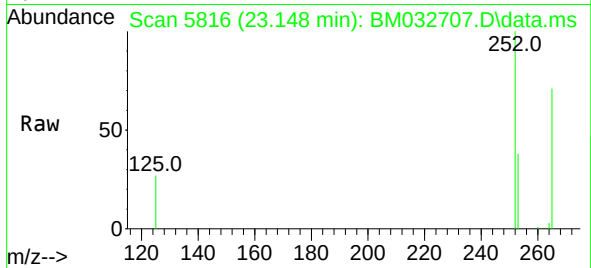




#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.148 min Scan# 5816
Delta R.T. -0.007 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

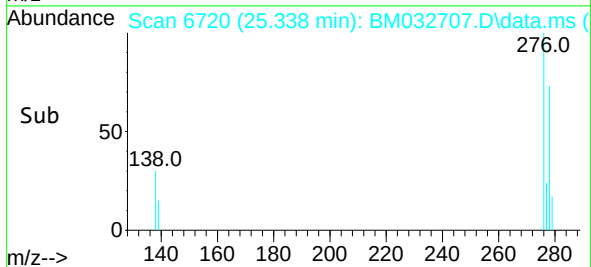
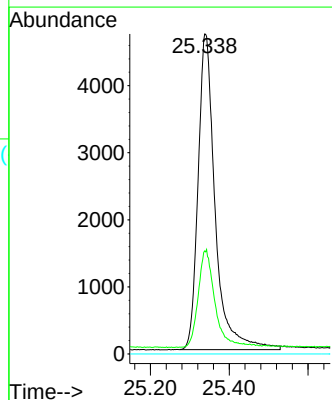
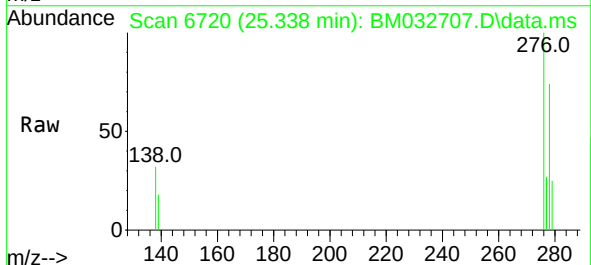
Instrument :
BNA_M
ClientSampleId :
SLCS160

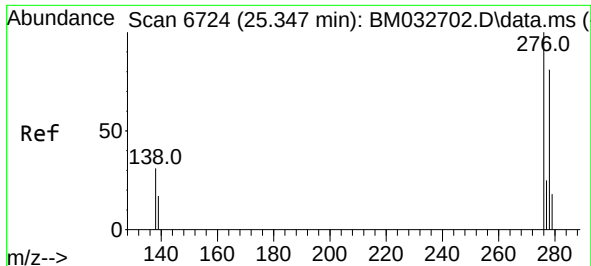
Tgt Ion:252 Resp: 10738
Ion Ratio Lower Upper
252 100
253 38.4 23.6 35.4#
125 26.6 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.494 ng/ul
RT: 25.338 min Scan# 6720
Delta R.T. -0.012 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Tgt Ion:276 Resp: 14210
Ion Ratio Lower Upper
276 100
138 30.2 24.9 37.3
227 0.0 0.0 0.0

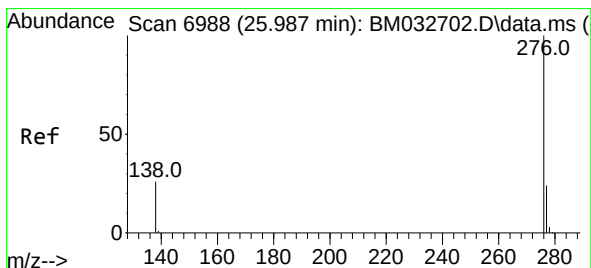
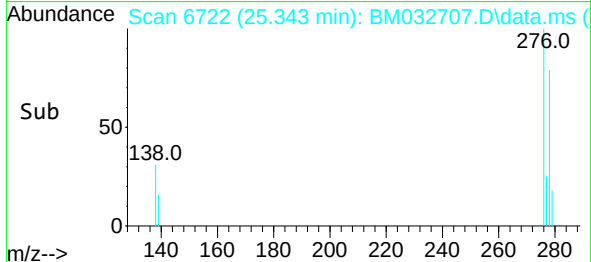
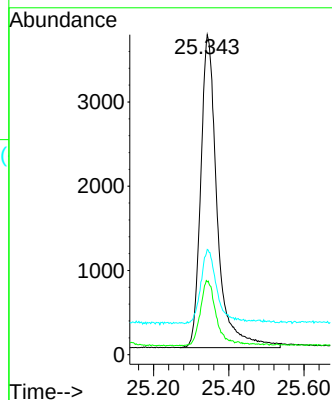
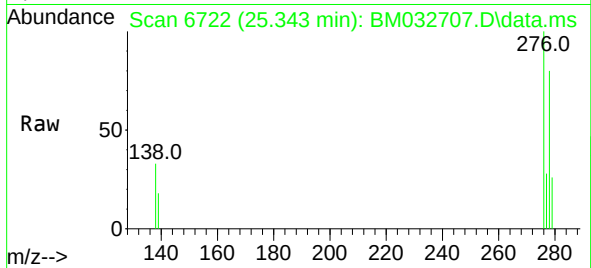




#28
Dibenzo(a,h)anthracene
Concen: 0.499 ng/ul
RT: 25.343 min Scan# 6722
Delta R.T. -0.012 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Instrument :
BNA_M
ClientSampled :
SLCS160

Tgt Ion:278 Resp: 11317
Ion Ratio Lower Upper
278 100
139 22.8 18.6 28.0
279 32.9 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.525 ng/ul
RT: 25.982 min Scan# 6986
Delta R.T. -0.009 min
Lab File: BM032707.D
Acq: 25 Oct 2021 23:25

Tgt Ion:276 Resp: 13157
Ion Ratio Lower Upper
276 100
138 28.5 22.6 33.8
277 25.7 19.9 29.9

