

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102721\
 Data File : BM032777.D
 Acq On : 28 Oct 2021 01:40
 Operator : CG/JU
 Sample : PB140239BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS239

Quant Time: Oct 28 05:10:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 27 15:49:57 2021
 Response via : Initial Calibration

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

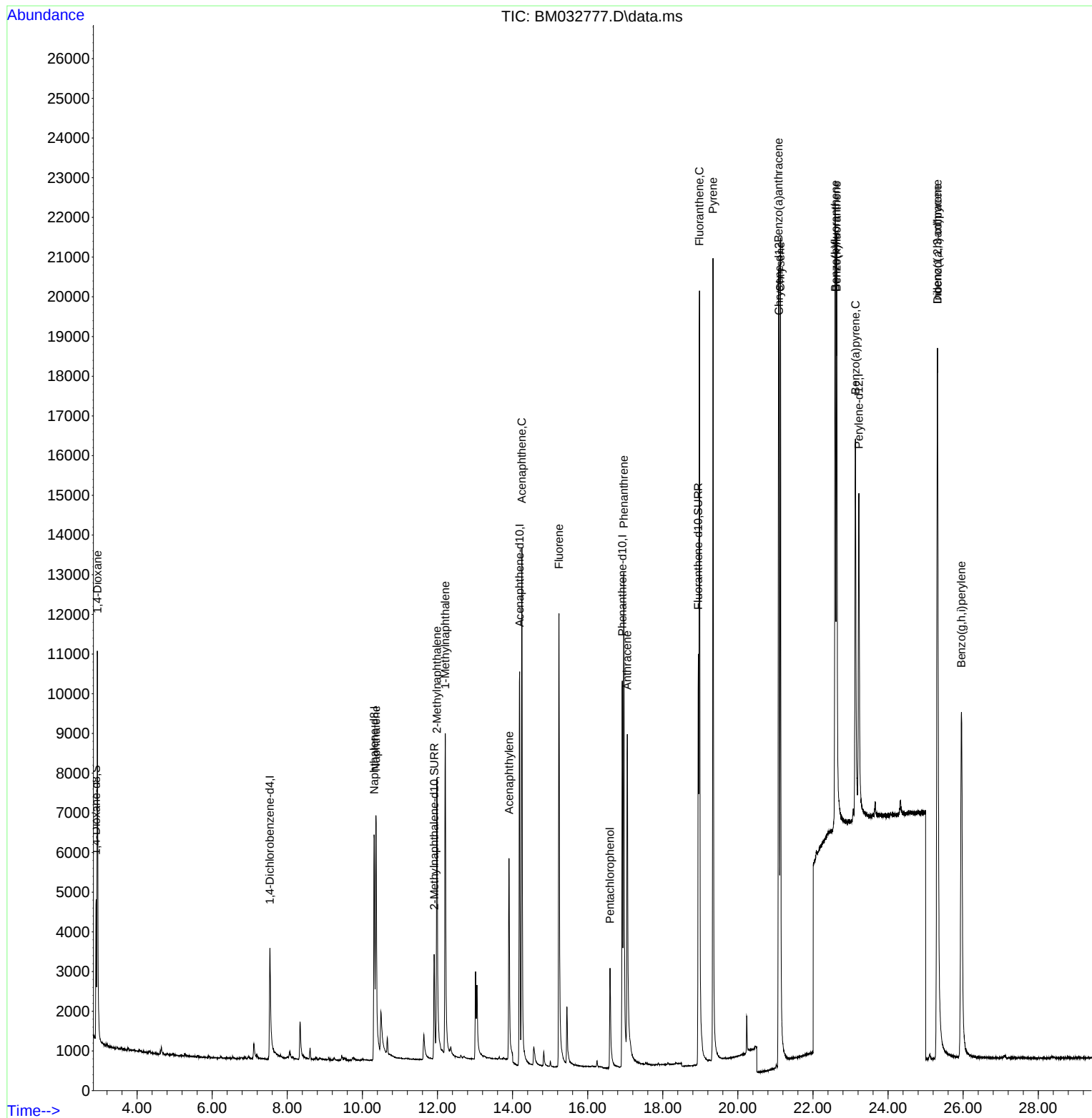
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	2448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	9639	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.187	164	5794	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.922	188	12532	0.400	ng/ul	0.00
17) Chrysene-d12	21.096	240	12066	0.400	ng/ul	0.00
23) Perylene-d12	23.223	264	10845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.910	96	2345	0.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.913	152	4715	0.353	ng/ul	0.00
18) Fluoranthene-d10	18.947	212	11969	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.944	88	6539	1.940	ng/ul#	90
5) Naphthalene	10.362	128	10636	0.370	ng/ul	100
7) 2-Methylnaphthalene	11.985	142	6812	0.354	ng/ul	100
8) 1-Methylnaphthalene	12.206	142	6573	0.348	ng/ul	99
10) Acenaphthylene	13.906	152	7829	0.354	ng/ul	99
11) Acenaphthene	14.247	153	8050	0.359	ng/ul	99
12) Fluorene	15.237	166	9335	0.362	ng/ul	98
14) Pentachlorophenol	16.596	266	2305	0.551	ng/ul	99
15) Phenanthrene	16.960	178	14877	0.356	ng/ul	99
16) Anthracene	17.054	178	12043	0.349	ng/ul	100
19) Fluoranthene	18.977	202	18236	0.364	ng/ul	100
20) Pyrene	19.339	202	18854	0.364	ng/ul	99
21) Benzo(a)anthracene	21.082	228	15353	0.360	ng/ul	99
22) Chrysene	21.133	228	19294	0.379	ng/ul	100
24) Benzo(b)fluoranthene	22.590	252	18811	0.385	ng/ul	97
25) Benzo(k)fluoranthene	22.631	252	20772	0.388	ng/ul	97
26) Benzo(a)pyrene	23.130	252	15239	0.371	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.316	276	20182	0.371	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.316	278	16100	0.370	ng/ul	99
29) Benzo(g,h,i)perylene	25.953	276	18600	0.376	ng/ul	98

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

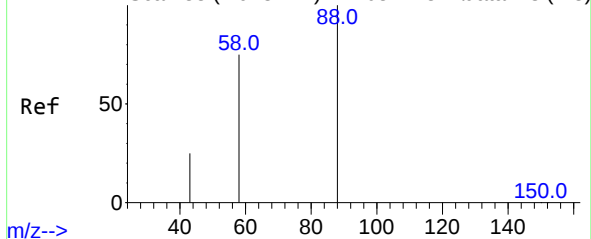
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102721\
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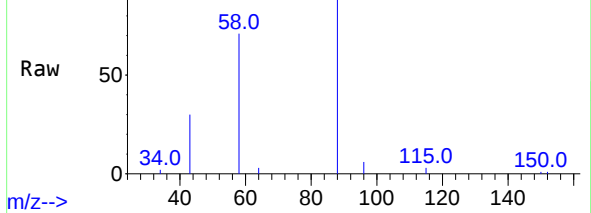


Abundance Scan 33 (2.948 min): BM032773.D\data.ms (-23)



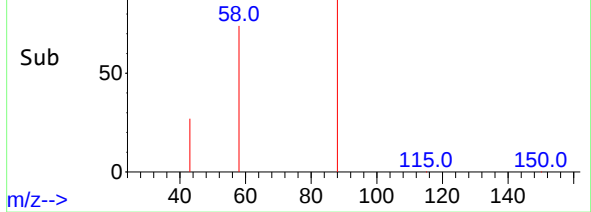
m/z-->

Abundance Scan 32 (2.944 min): BM032777.D\data.ms



m/z-->

Abundance Scan 32 (2.944 min): BM032777.D\data.ms (-19)



m/z-->

#2

1,4-Dioxane

Concen: 1.940 ng/ul

RT: 2.944 min Scan# 32

Delta R.T. -0.004 min

Lab File: BM032777.D

Acq: 28 Oct 2021 01:40

Tgt Ion: 88 Resp: 6539

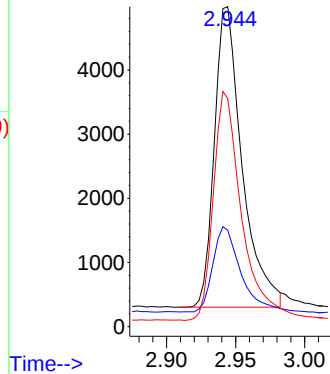
Ion Ratio Lower Upper

88 100

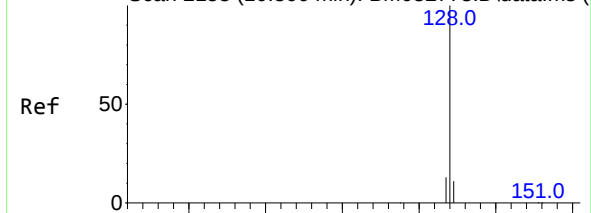
43 30.1 38.0 57.0#

58 71.3 57.0 85.6

Abundance

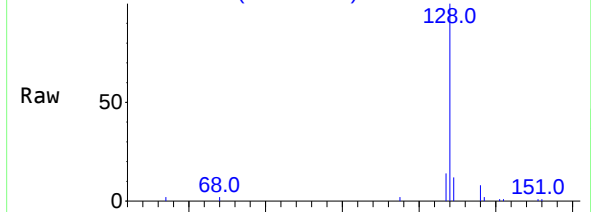


Abundance Scan 2153 (10.366 min): BM032773.D\data.ms (-19)



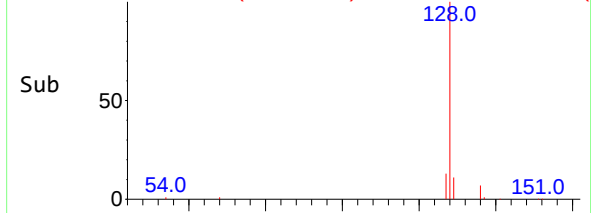
m/z-->

Abundance Scan 2152 (10.362 min): BM032777.D\data.ms



m/z-->

Abundance Scan 2152 (10.362 min): BM032777.D\data.ms (-19)



m/z-->

#5

Naphthalene

Concen: 0.370 ng/ul

RT: 10.362 min Scan# 2152

Delta R.T. -0.005 min

Lab File: BM032777.D

Acq: 28 Oct 2021 01:40

Tgt Ion: 128 Resp: 10636

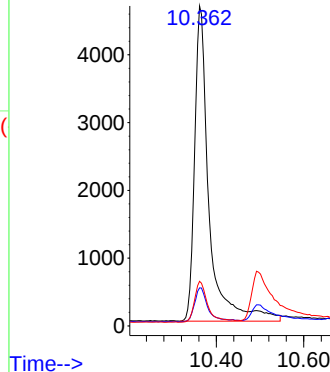
Ion Ratio Lower Upper

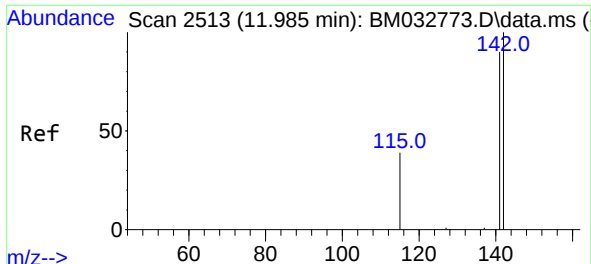
128 100

129 11.9 9.6 14.4

127 13.9 11.0 16.6

Abundance

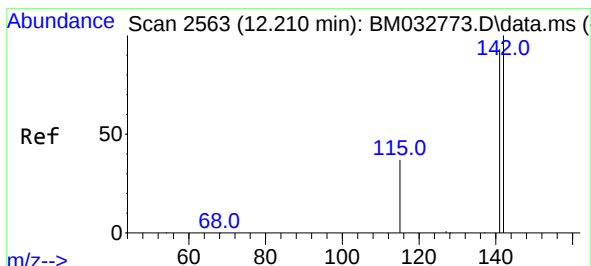
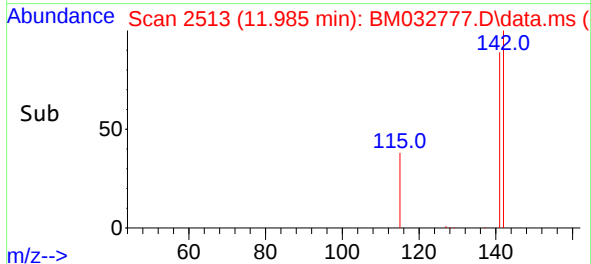
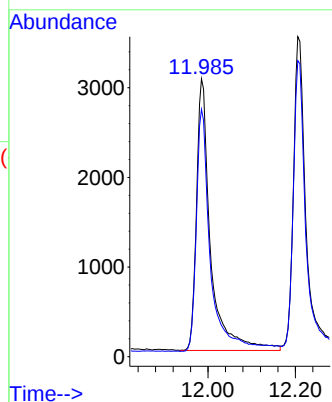
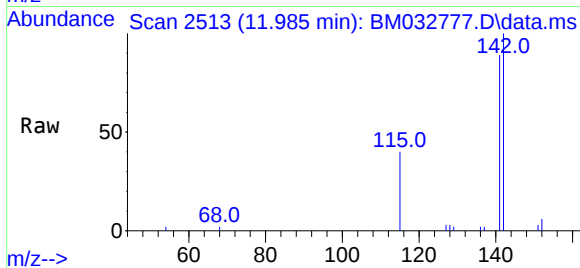




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 11.985 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

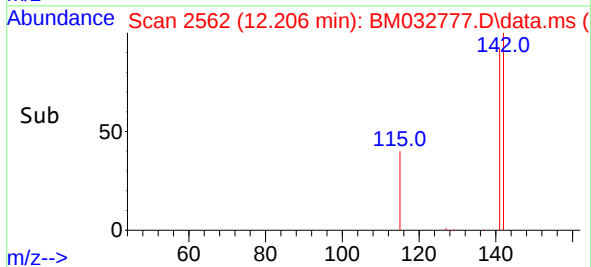
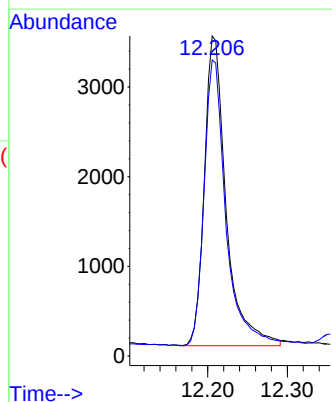
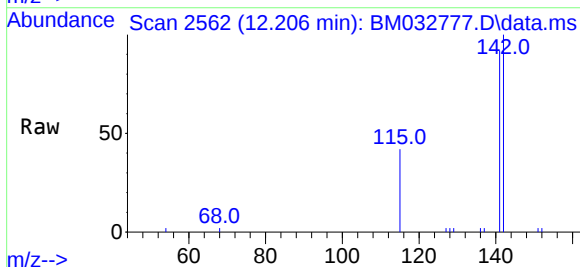
Instrument :
BNA_M
ClientSampleId :
SLCS239

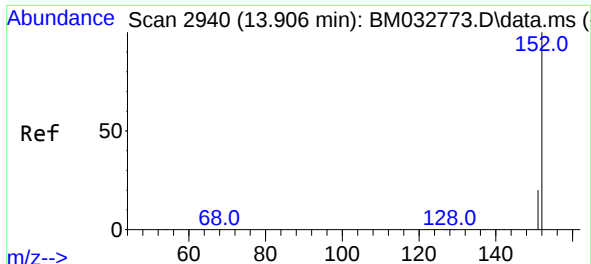
Tgt Ion:142 Resp: 6812
Ion Ratio Lower Upper
142 100
141 90.8 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.206 min Scan# 2562
Delta R.T. -0.005 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:142 Resp: 6573
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.6

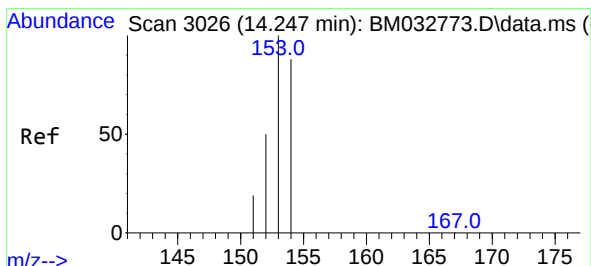
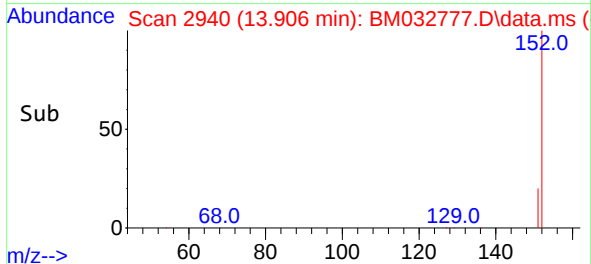
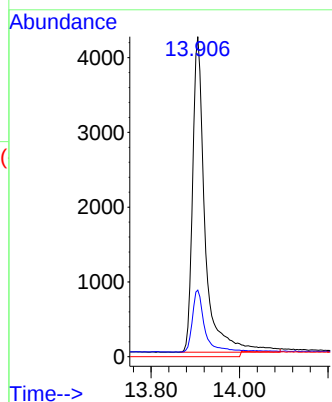
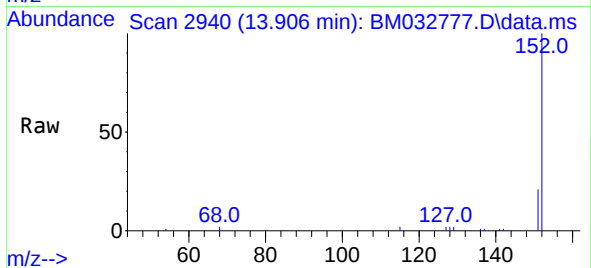




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 13.906 min Scan# 2940
Delta R.T. -0.005 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

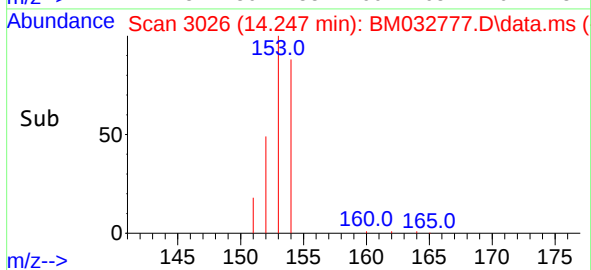
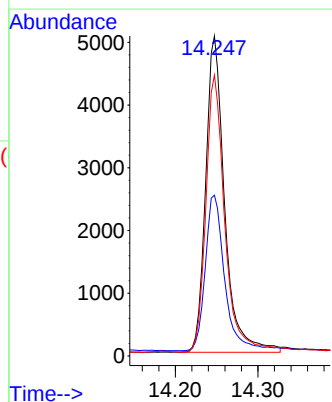
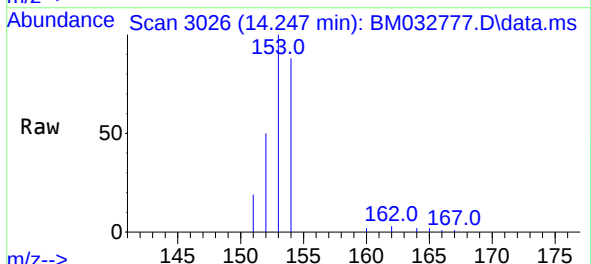
Instrument :
BNA_M
ClientSampleId :
SLCS239

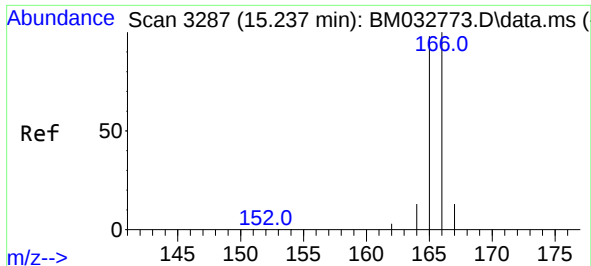
Tgt Ion:152 Resp: 7829
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.247 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:153 Resp: 8050
Ion Ratio Lower Upper
153 100
152 50.3 41.0 61.4
154 87.8 70.7 106.1



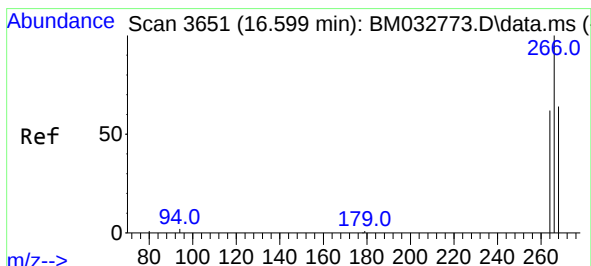
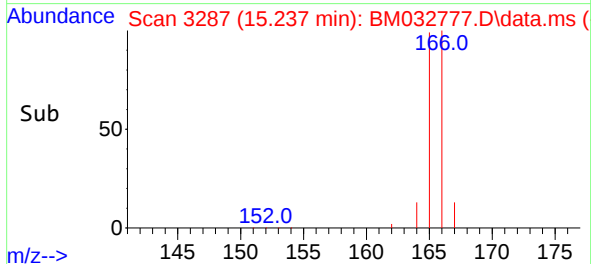
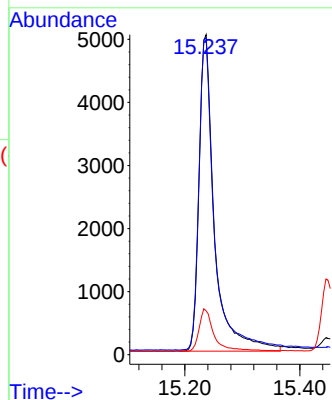
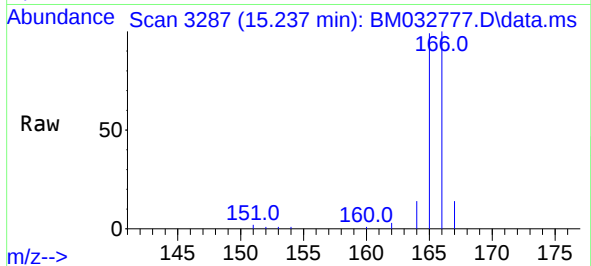


#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.237 min Scan# 3287
Delta R.T. -0.000 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Instrument :
BNA_M
ClientSampleId :
SLCS239

Tgt Ion:166 Resp: 9335

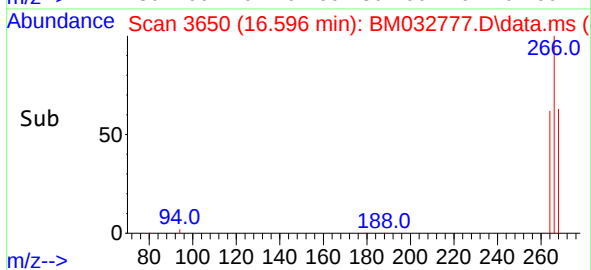
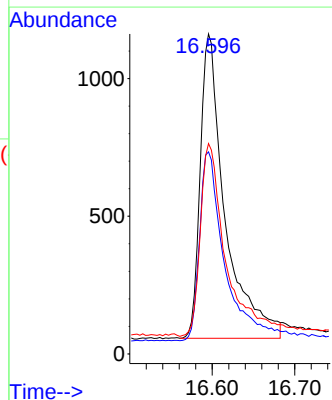
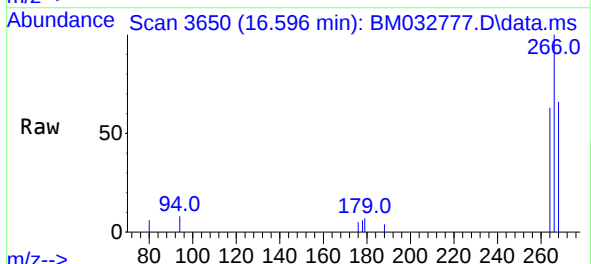
Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.4	122.0
167	13.7	11.4	17.0

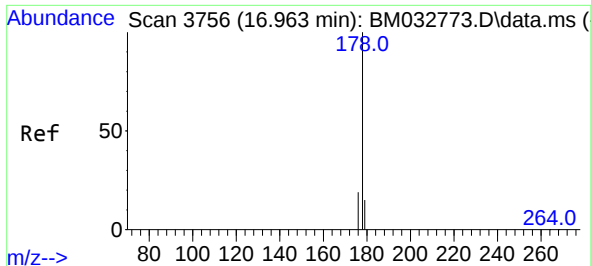


#14
Pentachlorophenol
Concen: 0.551 ng/ul
RT: 16.596 min Scan# 3650
Delta R.T. -0.004 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:266 Resp: 2305

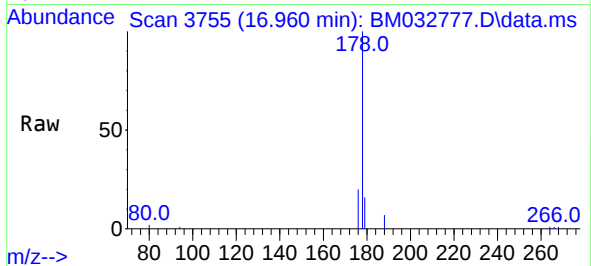
Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.6	76.0
268	65.1	51.2	76.8



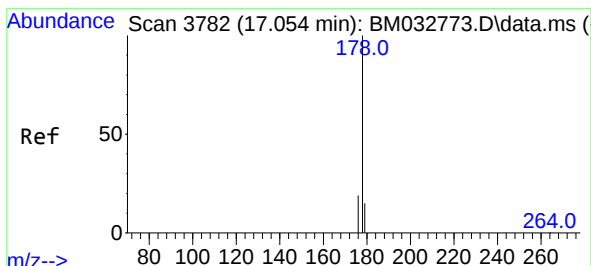
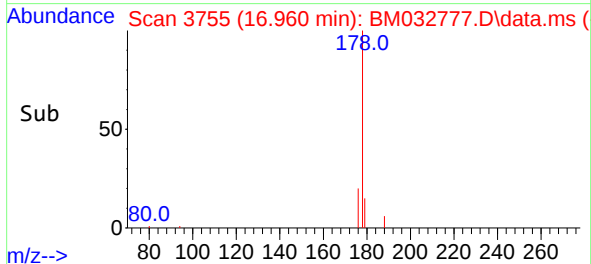
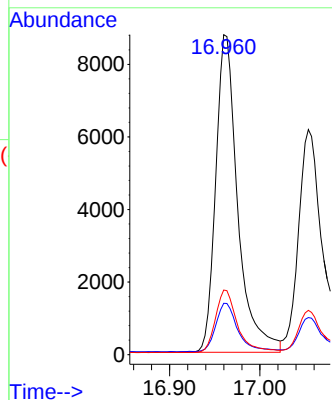


#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 16.960 min Scan# 3755
Delta R.T. -0.007 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Instrument :
BNA_M
ClientSampleId :
SLCS239

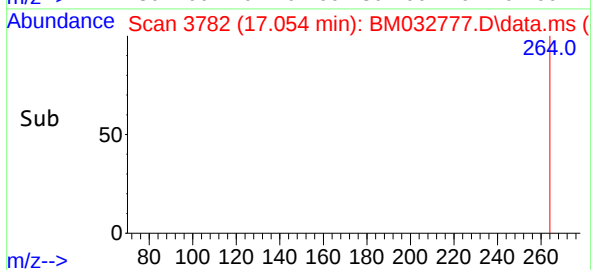
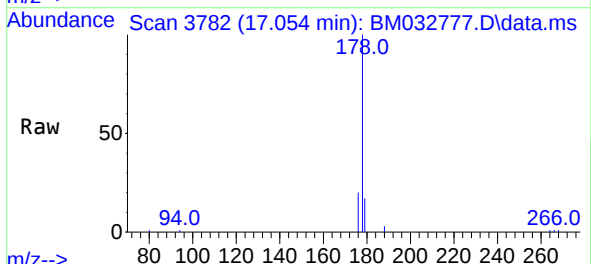
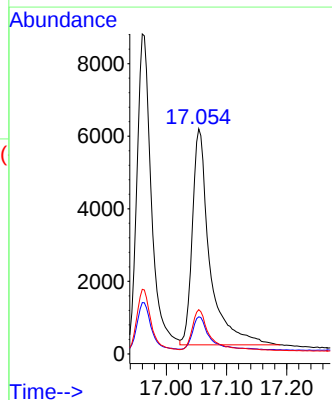


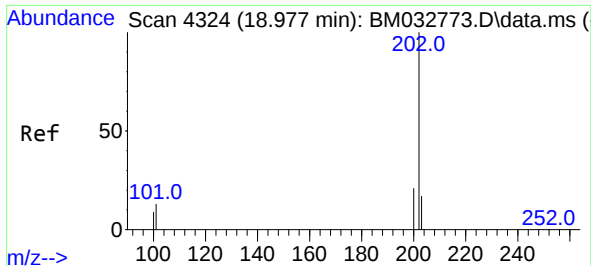
Tgt Ion:178 Resp: 14877
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.054 min Scan# 3782
Delta R.T. -0.004 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:178 Resp: 12043
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 19.7 15.7 23.5

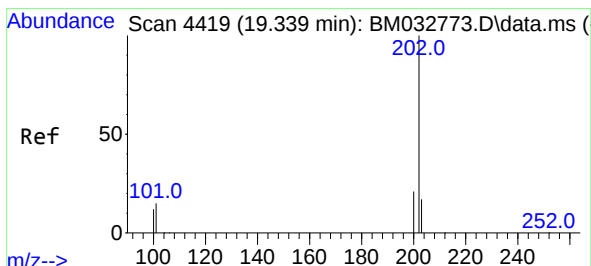
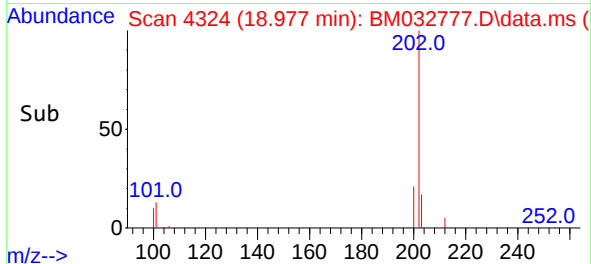
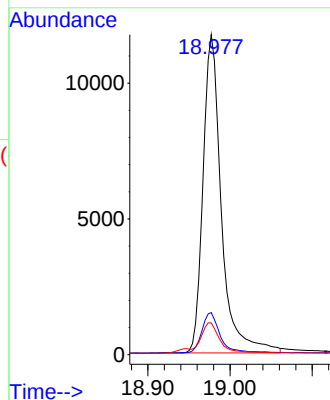
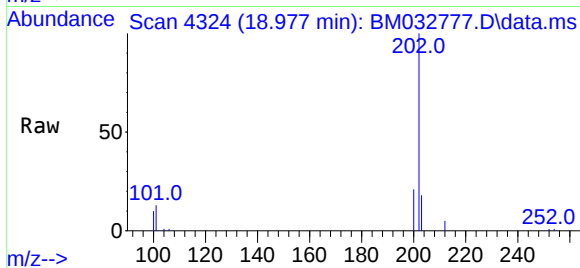




#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 18.977 min Scan# 4324
Delta R.T. -0.004 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

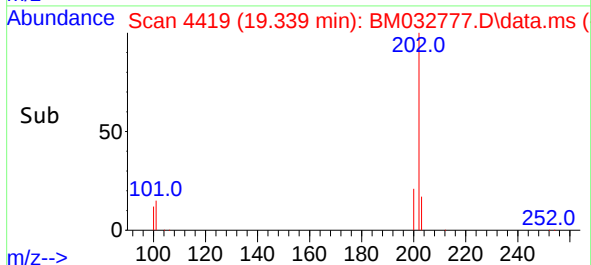
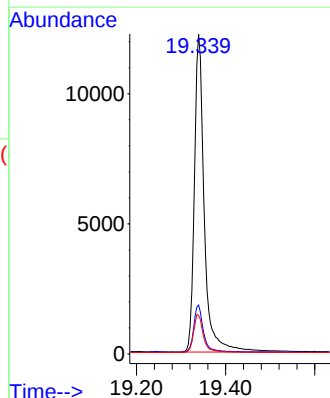
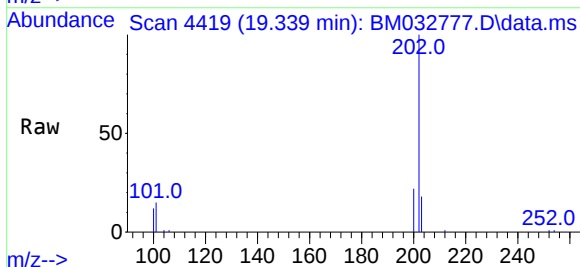
Instrument :
BNA_M
ClientSampleId :
SLCS239

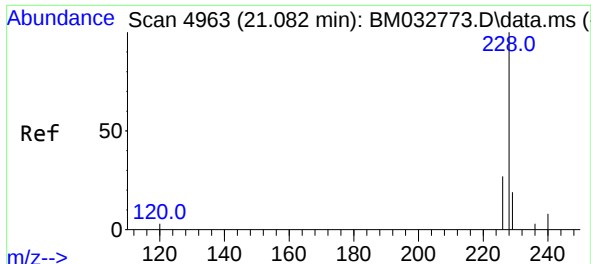
Tgt Ion:	202	Resp:	18236
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.5	15.7
100	9.9	7.8	11.6



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.339 min Scan# 4419
Delta R.T. -0.004 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:	202	Resp:	18854
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.3	18.5
100	12.1	10.1	15.1



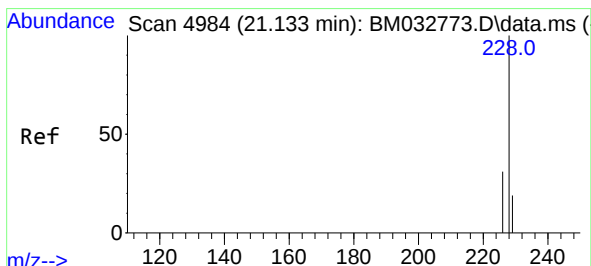
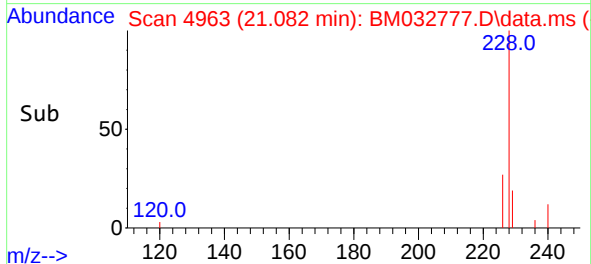
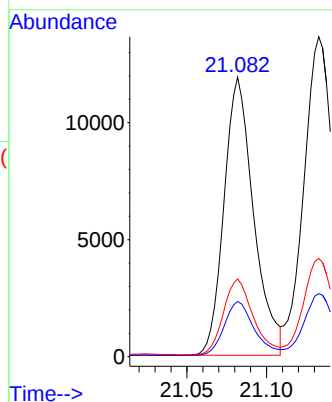
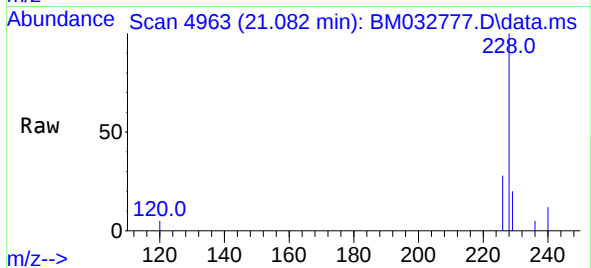


#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.082 min Scan# 4963
Delta R.T. -0.005 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Instrument :
BNA_M
ClientSampleId :
SLCS239

Tgt Ion:228 Resp: 15353

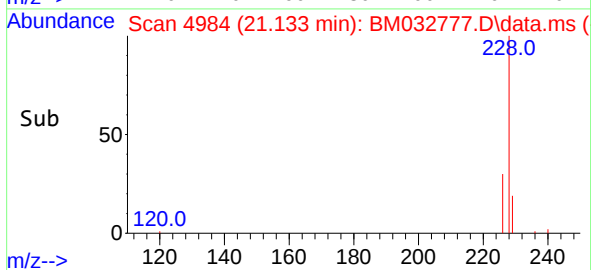
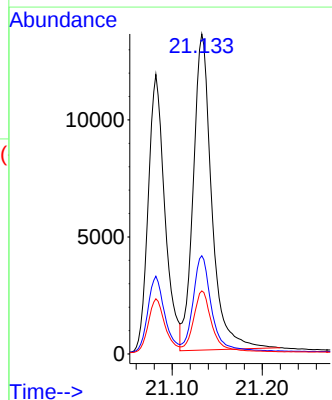
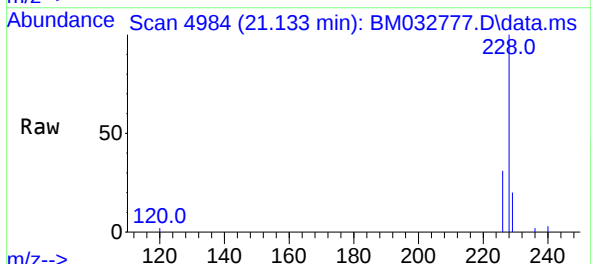
Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	27.8	22.5	33.7

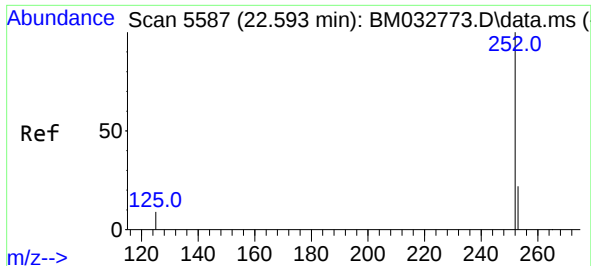


#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.133 min Scan# 4984
Delta R.T. -0.005 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:228 Resp: 19294

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	19.7	15.8	23.8

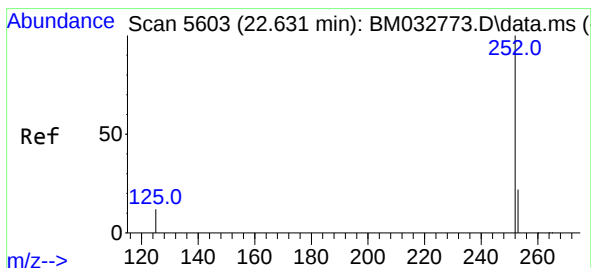
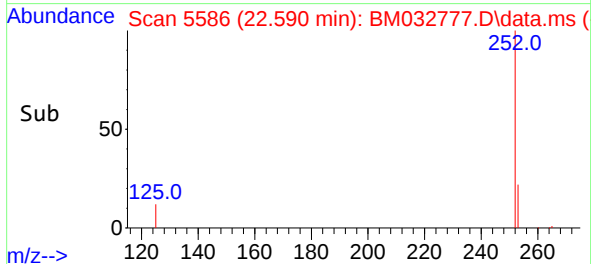
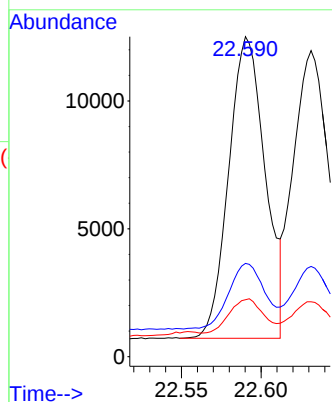
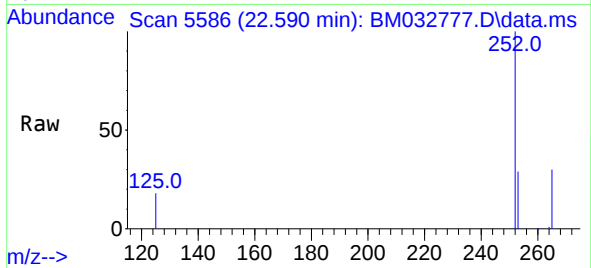




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 22.590 min Scan# 5586
Delta R.T. -0.007 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

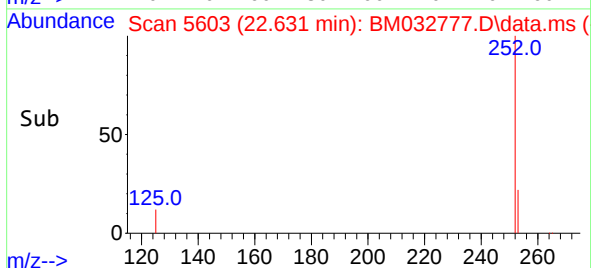
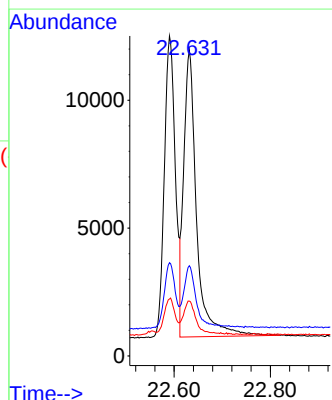
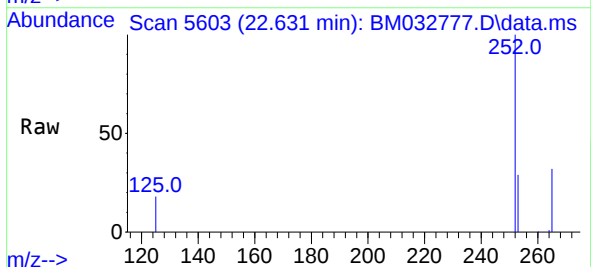
Instrument :
BNA_M
ClientSampleId :
SLCS239

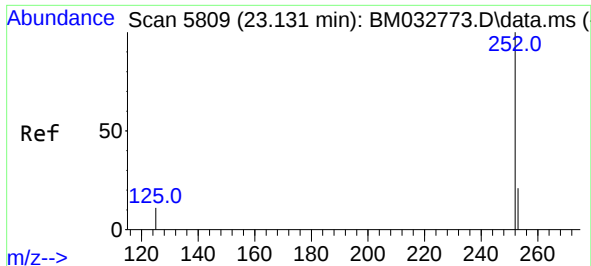
Tgt Ion:252 Resp: 18811
Ion Ratio Lower Upper
252 100
253 29.2 0.0 61.0
125 17.8 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.631 min Scan# 5603
Delta R.T. -0.007 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:252 Resp: 20772
Ion Ratio Lower Upper
252 100
253 29.5 25.0 37.6
125 17.9 15.5 23.3

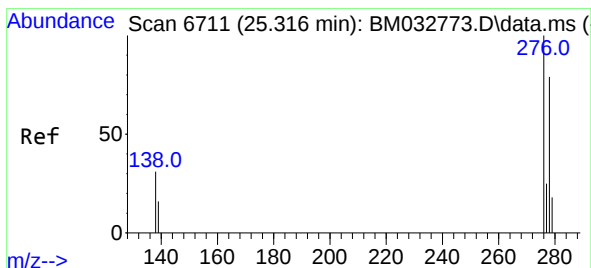
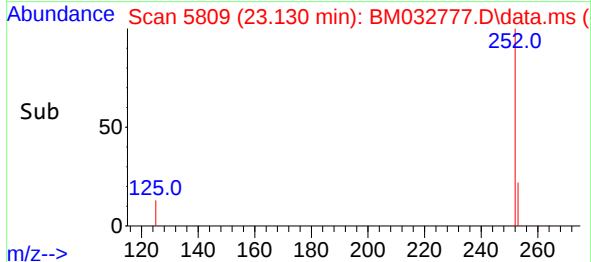
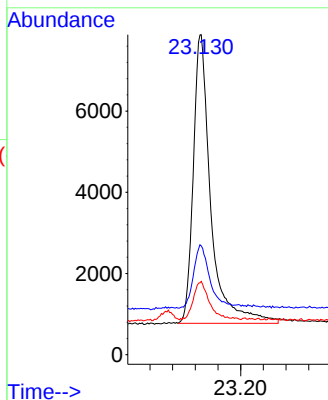
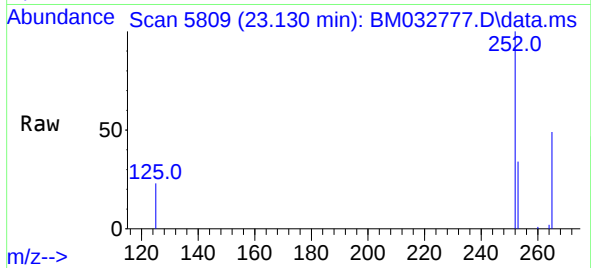




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.130 min Scan# 5809
Delta R.T. -0.007 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

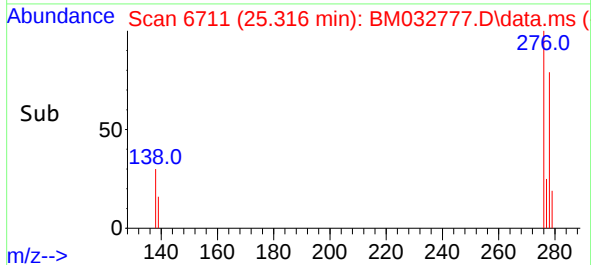
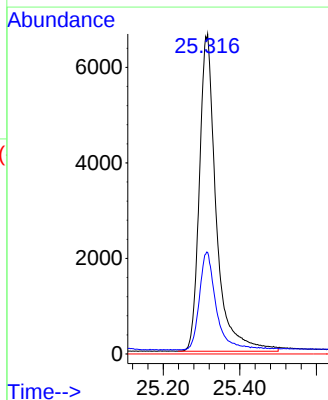
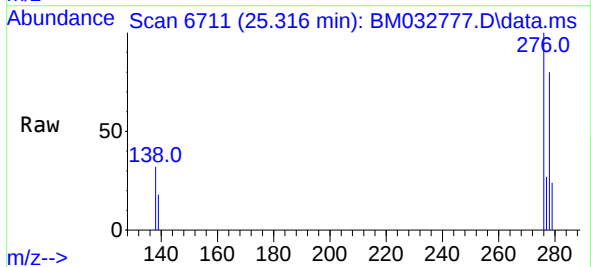
Instrument :
BNA_M
ClientSampleId :
SLCS239

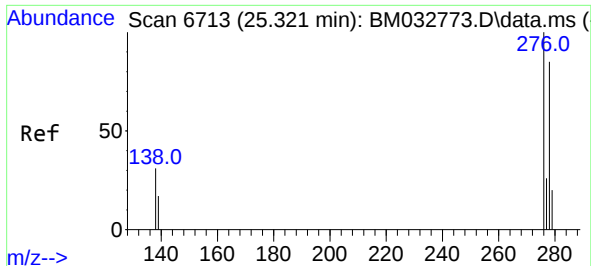
Tgt Ion:	252	Resp:	15239
Ion Ratio	Lower	Upper	
252	100		
253	34.0	29.3	43.9
125	22.9	19.4	29.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 25.316 min Scan# 6711
Delta R.T. -0.007 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:	276	Resp:	20182
Ion Ratio	Lower	Upper	
276	100		
138	31.1	24.7	37.1
227	0.0	0.0	0.0

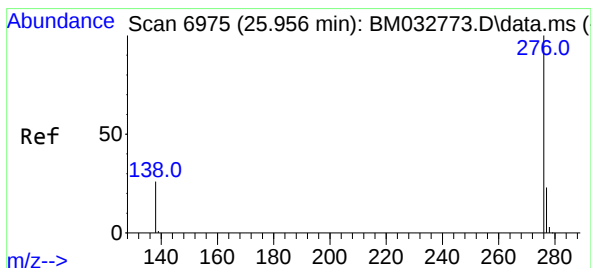
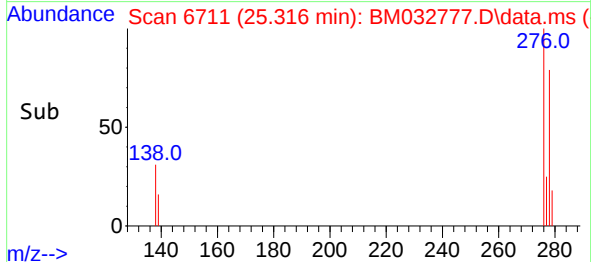
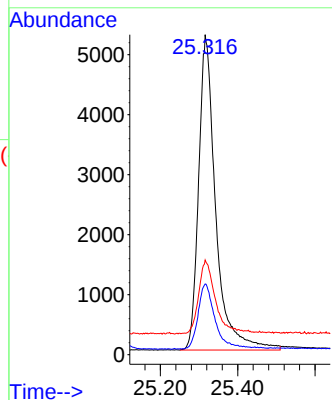
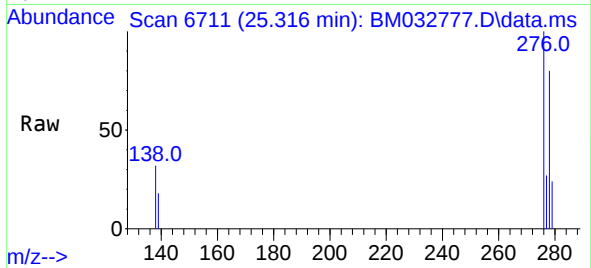




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 25.316 min Scan# 6711
Delta R.T. -0.015 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Instrument :
BNA_M
ClientSampleId :
SLCS239

Tgt Ion:278 Resp: 16100
Ion Ratio Lower Upper
278 100
139 22.1 18.0 27.0
279 29.6 24.2 36.4



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 25.953 min Scan# 6974
Delta R.T. -0.010 min
Lab File: BM032777.D
Acq: 28 Oct 2021 01:40

Tgt Ion:276 Resp: 18600
Ion Ratio Lower Upper
276 100
138 27.3 23.0 34.6
277 25.0 20.6 31.0

