

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037571.D
 Acq On : 18 Nov 2022 19:45
 Operator : CG/JU
 Sample : PB149002BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:14:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

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

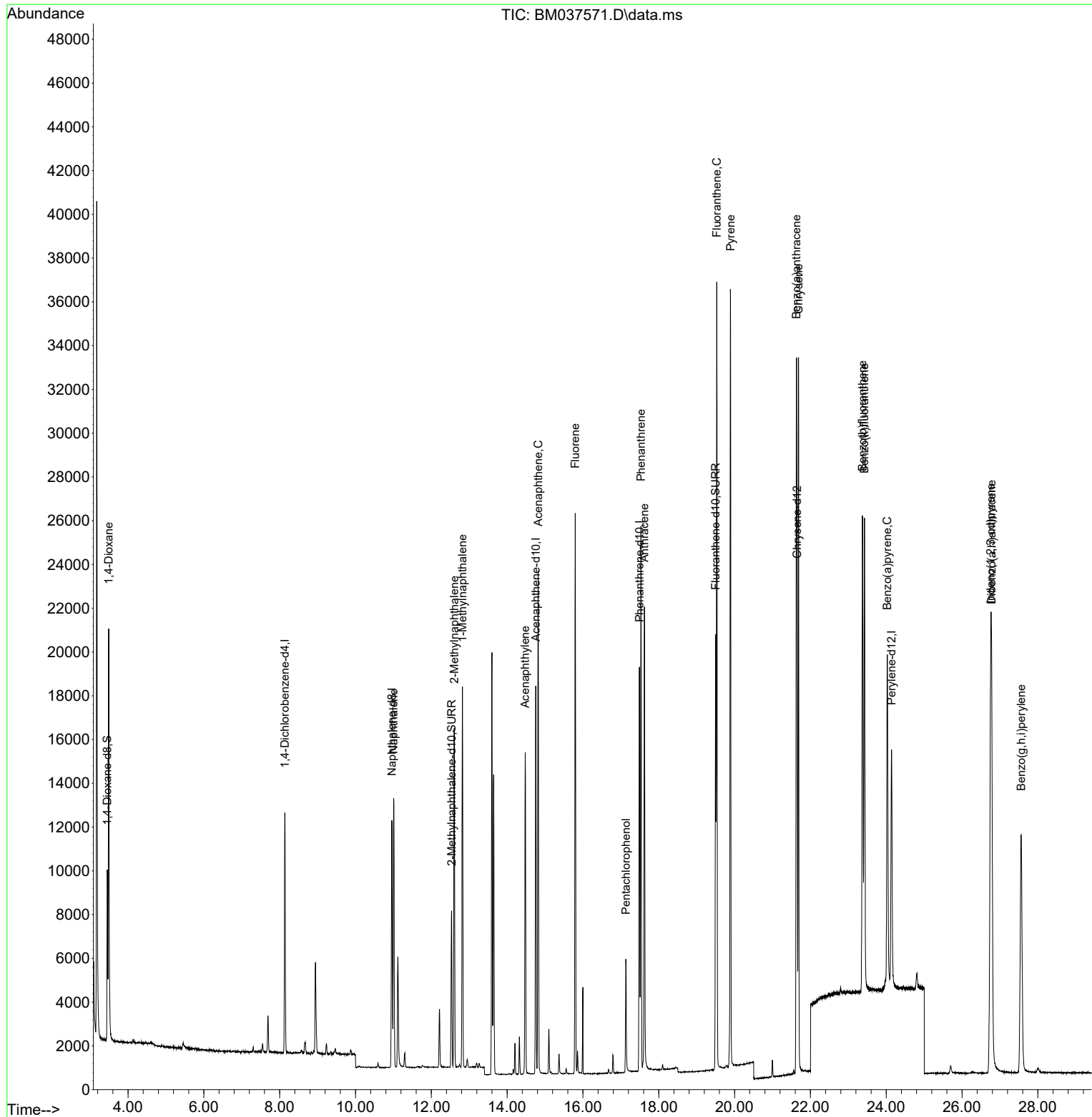
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	5470	0.400	ng/ul	0.00
4) Naphthalene-d8	10.957	136	14793	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.755	164	8960	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.490	188	21002	0.400	ng/ul	0.00
17) Chrysene-d12	21.649	240	16068	0.400	ng/ul	0.00
23) Perylene-d12	24.139	264	15496	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	4662	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.536	152	8856	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.498	212	20464	0.385	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.491	88	12061	1.822	ng/ul#	51
5) Naphthalene	11.007	128	16577	0.369	ng/ul	99
7) 2-Methylnaphthalene	12.607	142	10478	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.822	142	11378	0.363	ng/ul	100
10) Acenaphthylene	14.478	152	15999	0.322	ng/ul	99
11) Acenaphthene	14.820	153	12778	0.368	ng/ul	98
12) Fluorene	15.796	166	15098	0.361	ng/ul	99
14) Pentachlorophenol	17.132	266	3449	0.732	ng/ul	98
15) Phenanthrene	17.533	178	25764	0.359	ng/ul	99
16) Anthracene	17.621	178	23147	0.334	ng/ul	99
19) Fluoranthene	19.531	202	29536	0.381	ng/ul	97
20) Pyrene	19.893	202	30422	0.377	ng/ul	100
21) Benzo(a)anthracene	21.631	228	26404	0.368	ng/ul	100
22) Chrysene	21.687	228	28459	0.399	ng/ul	100
24) Benzo(b)fluoranthene	23.373	252	29777	0.421	ng/ul	94
25) Benzo(k)fluoranthene	23.426	252	29221	0.410	ng/ul	97
26) Benzo(a)pyrene	24.028	252	24762	0.403	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.755	276	31887	0.392	ng/ul	94
28) Dibenzo(a,h)anthracene	26.779	278	25422	0.397	ng/ul	96
29) Benzo(g,h,i)perylene	27.557	276	25620	0.371	ng/ul	98

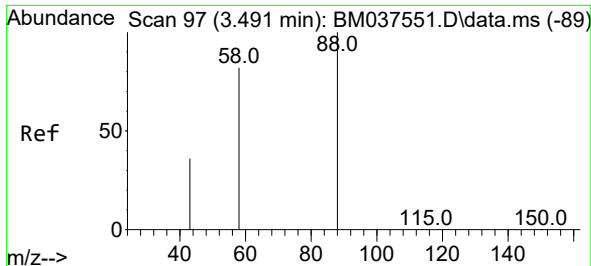
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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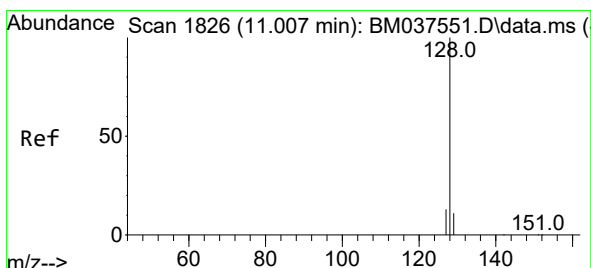
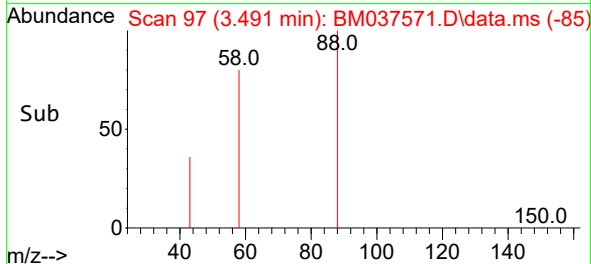
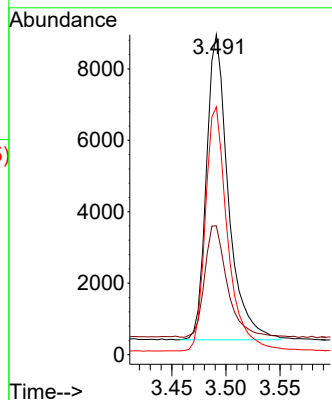
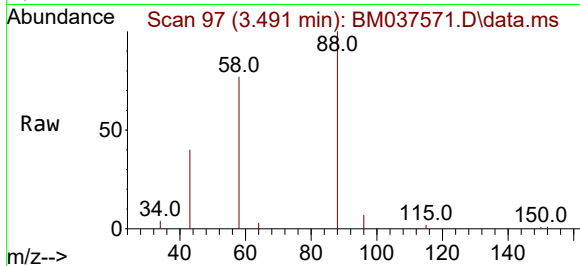




#2
1,4-Dioxane
Concen: 1.822 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

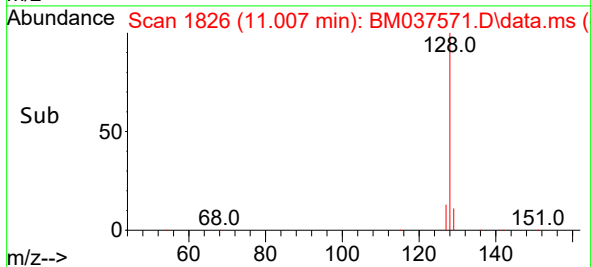
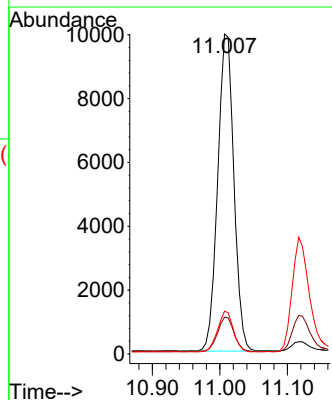
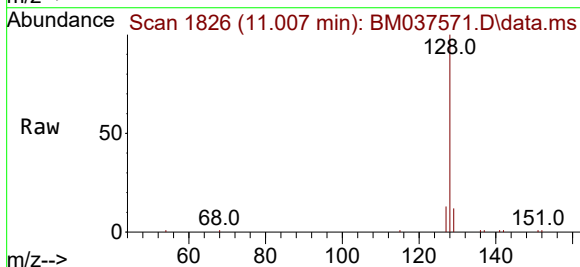
Instrument :
BNA_M
ClientSampleId :

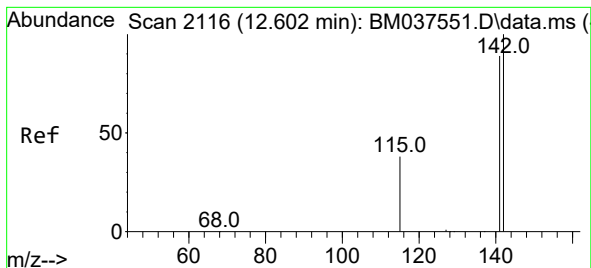
Tgt Ion: 88 Resp: 12061
Ion Ratio Lower Upper
88 100
43 40.2 102.8 154.2#
58 77.5 67.3 100.9



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 11.007 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

Tgt Ion: 128 Resp: 16577
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.3 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.343 ng/ul

RT: 12.607 min Scan# 2116

Delta R.T. 0.005 min

Lab File: BM037571.D

Acq: 18 Nov 2022 19:45

Instrument :

BNA_M

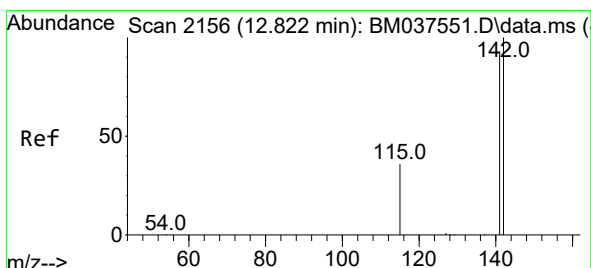
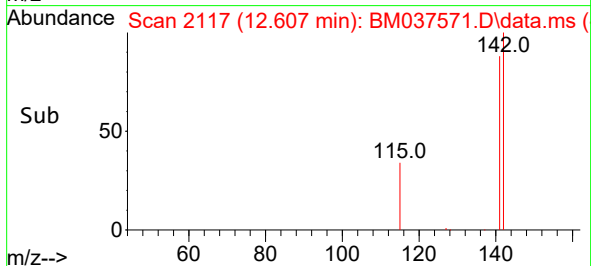
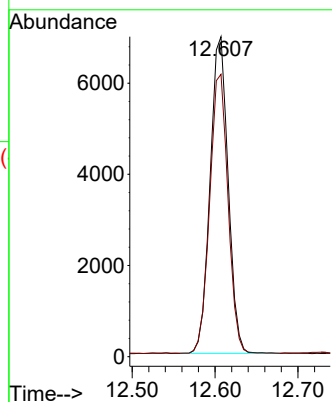
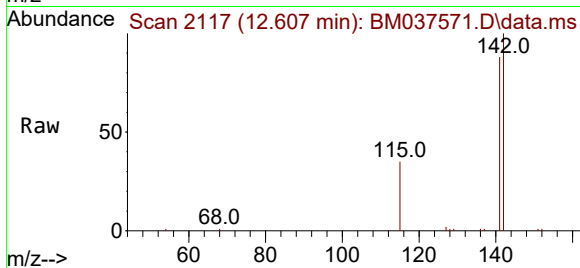
ClientSampleId :

Tgt Ion:142 Resp: 10478

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.4



#8

1-Methylnaphthalene

Concen: 0.363 ng/ul

RT: 12.822 min Scan# 2156

Delta R.T. -0.000 min

Lab File: BM037571.D

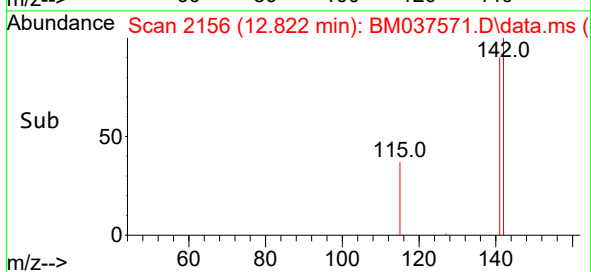
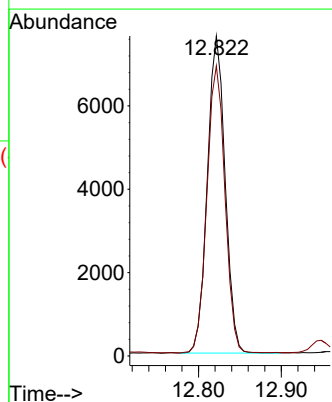
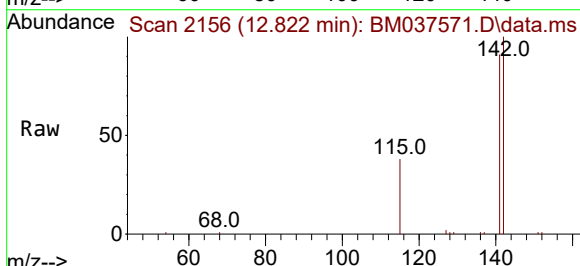
Acq: 18 Nov 2022 19:45

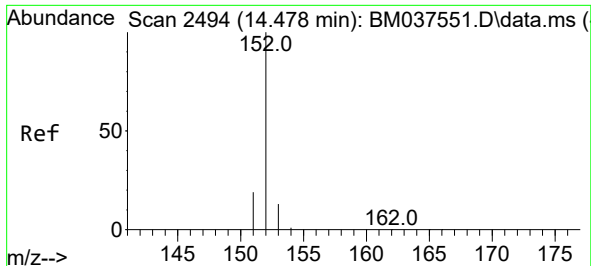
Tgt Ion:142 Resp: 11378

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.0

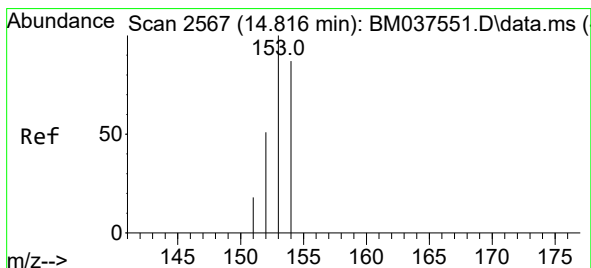
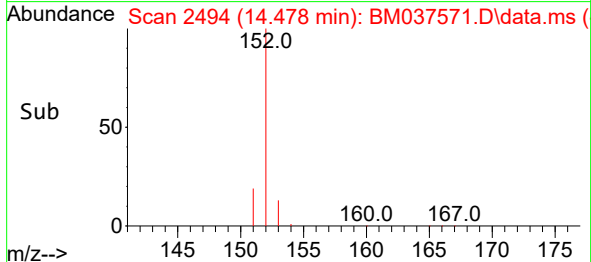
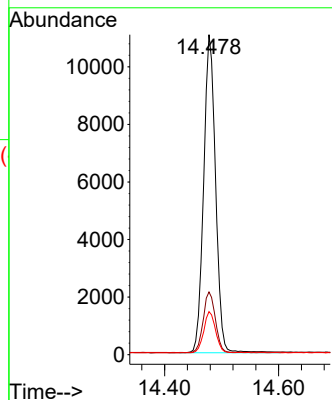
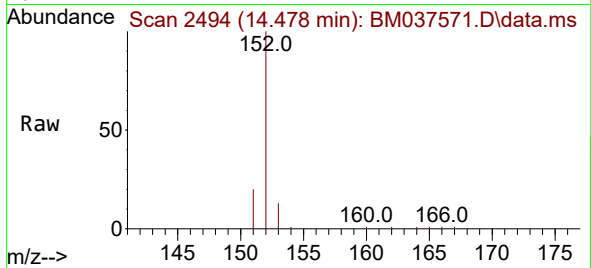




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.478 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

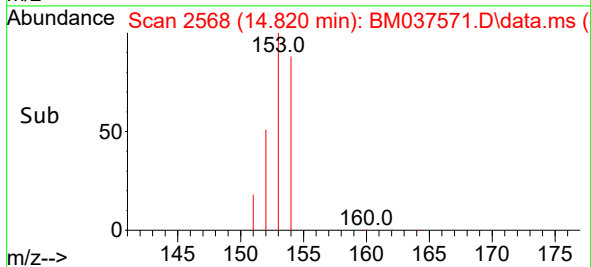
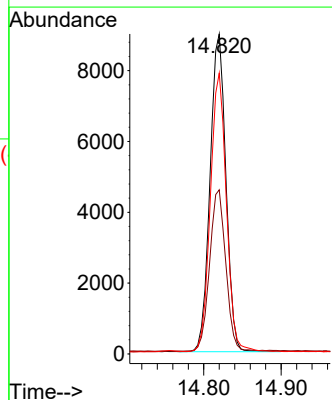
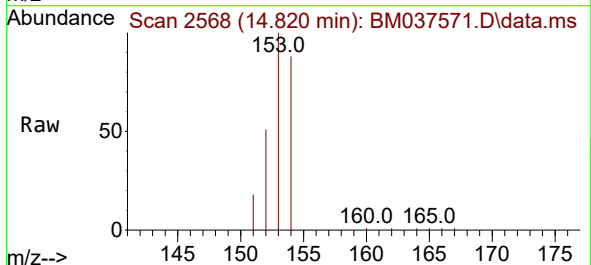
Instrument :
BNA_M
ClientSampleId :

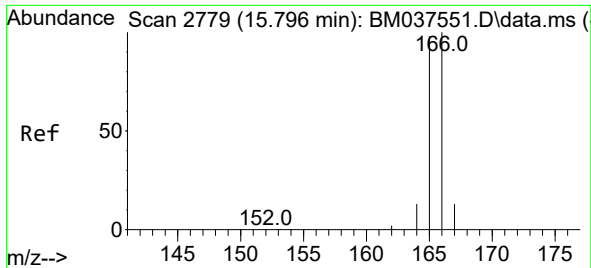
Tgt Ion:152	Resp:	15999
Ion Ratio	Lower	Upper
152	100	
151	19.6	15.9 23.9
153	13.4	11.0 16.4



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.820 min Scan# 2568
Delta R.T. 0.004 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

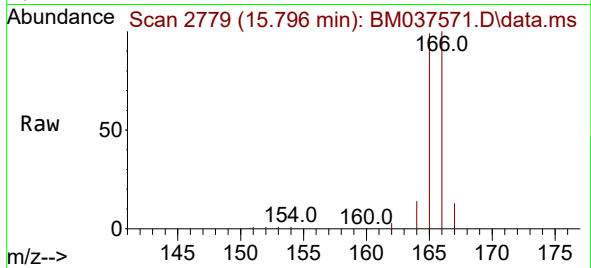
Tgt Ion:153	Resp:	12778
Ion Ratio	Lower	Upper
153	100	
152	51.3	39.4 59.0
154	87.7	69.5 104.3



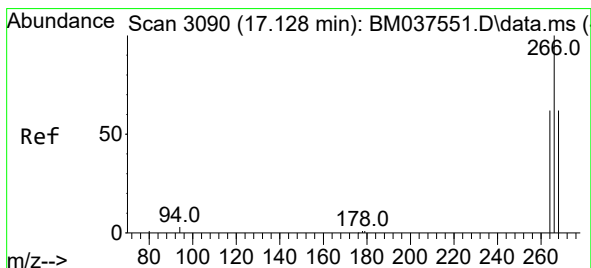
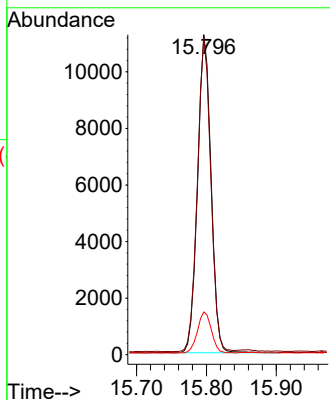
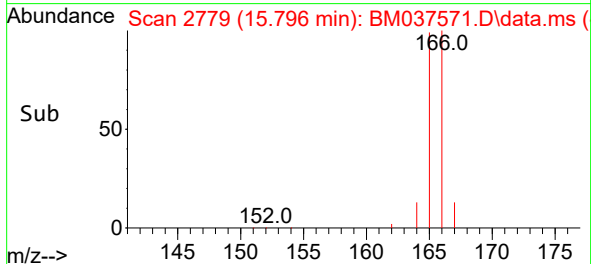


#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.796 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

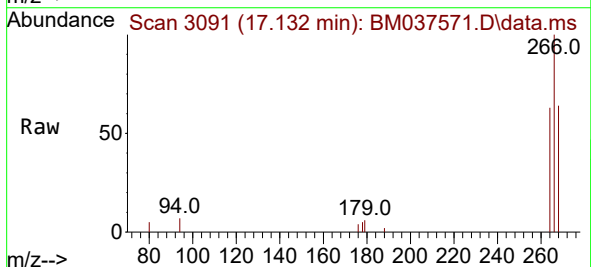
Instrument :
BNA_M
ClientSampleId :



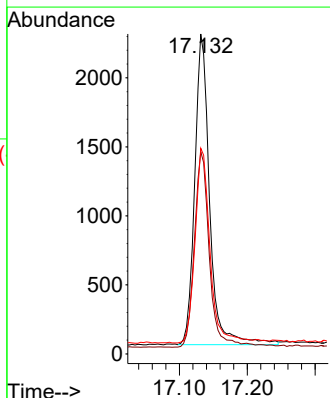
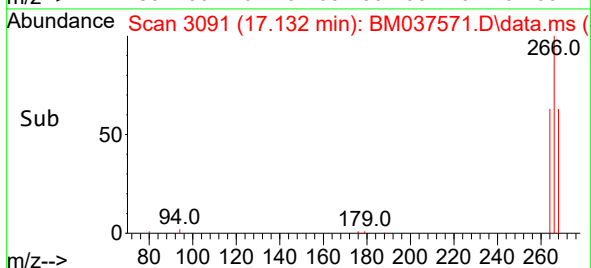
Tgt Ion:166 Resp: 15098
Ion Ratio Lower Upper
166 100
165 99.3 78.7 118.1
167 13.4 11.3 16.9

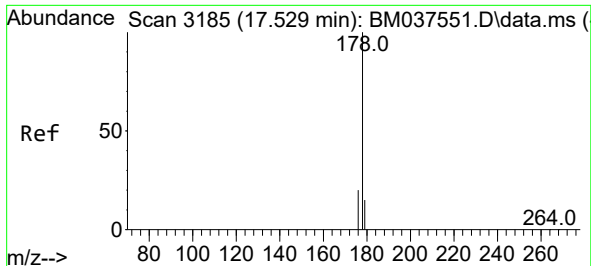


#14
Pentachlorophenol
Concen: 0.732 ng/ul
RT: 17.132 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45



Tgt Ion:266 Resp: 3449
Ion Ratio Lower Upper
266 100
264 64.2 50.2 75.2
268 63.8 52.0 78.0

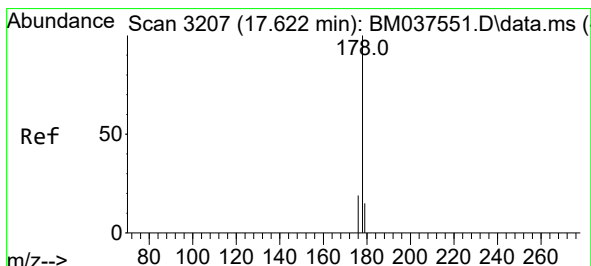
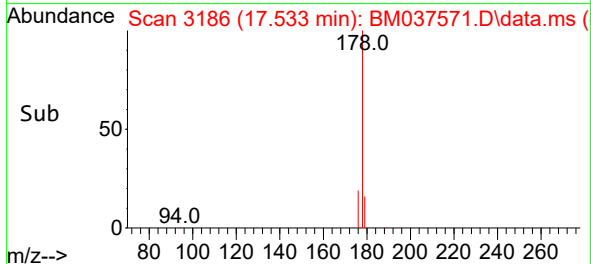
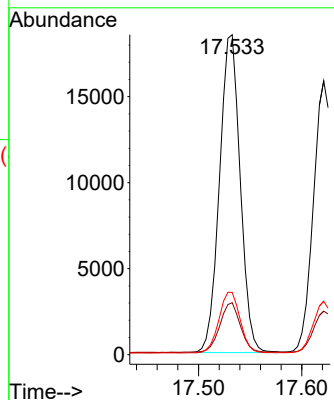
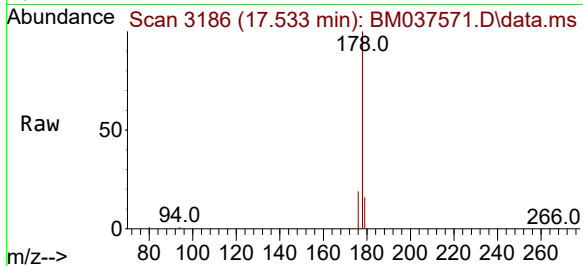




#15
Phenanthrene
Concen: 0.359 ng/ul
RT: 17.533 min Scan# 3186
Delta R.T. 0.004 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

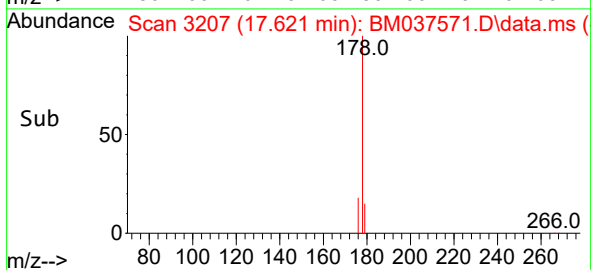
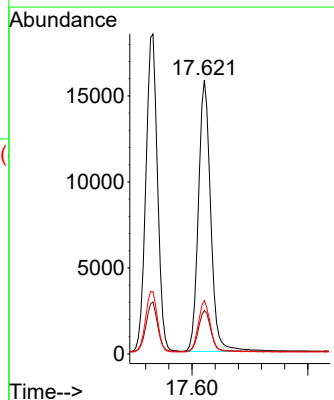
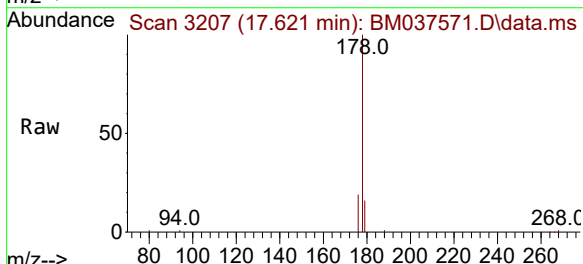
Instrument :
BNA_M
ClientSampleId :

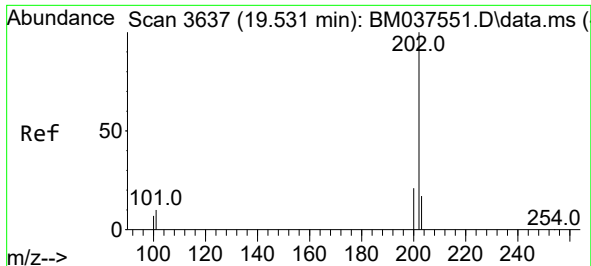
Tgt Ion:178 Resp: 25764
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.4 16.0 24.0



#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.621 min Scan# 3207
Delta R.T. 0.004 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

Tgt Ion:178 Resp: 23147
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.5 15.0 22.6

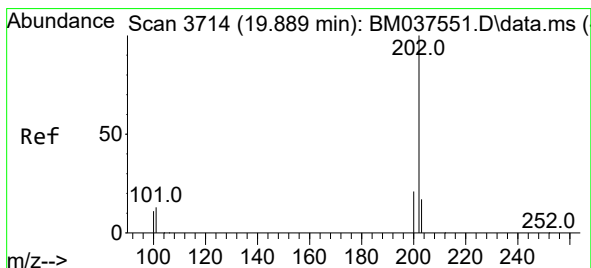
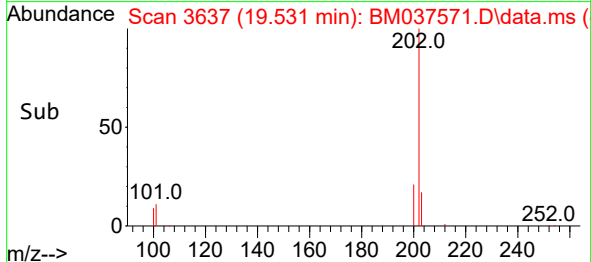
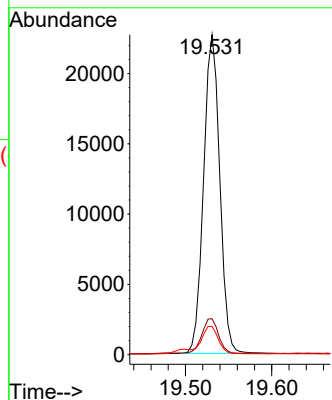
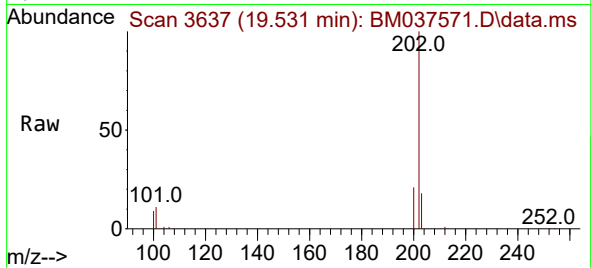




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.531 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

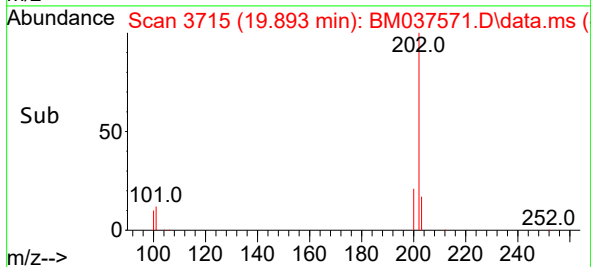
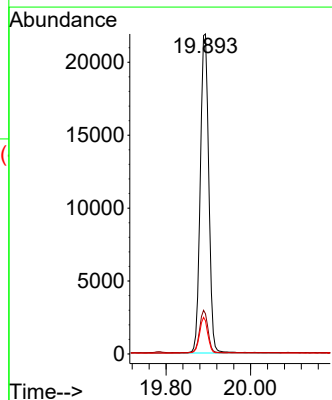
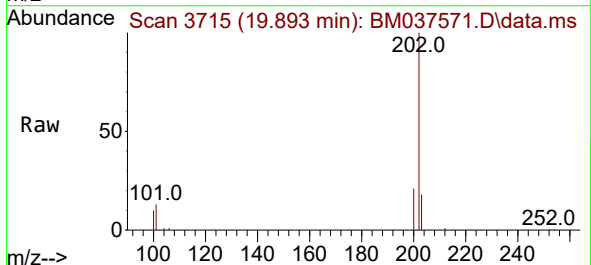
Instrument :
BNA_M
ClientSampleId :

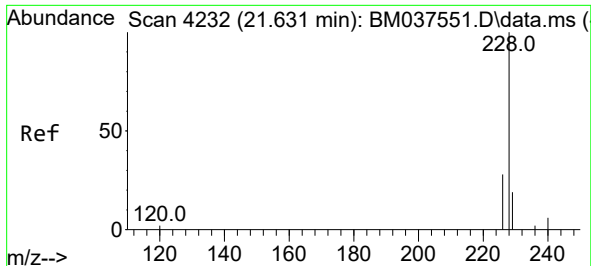
Tgt Ion:202 Resp: 29536
Ion Ratio Lower Upper
202 100
101 11.3 8.2 12.2
100 8.8 6.1 9.1



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.893 min Scan# 3715
Delta R.T. 0.004 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

Tgt Ion:202 Resp: 30422
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 10.3 8.0 12.0

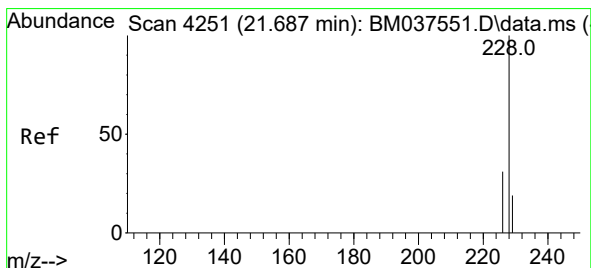
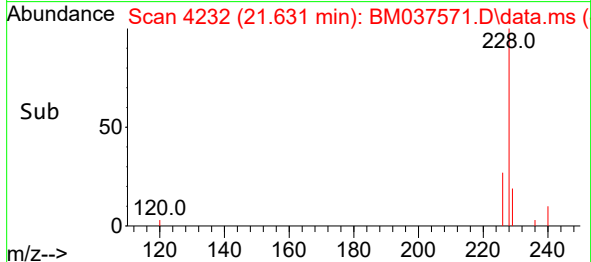
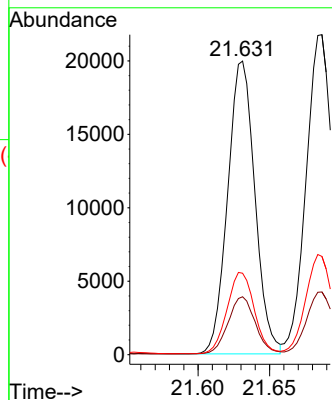
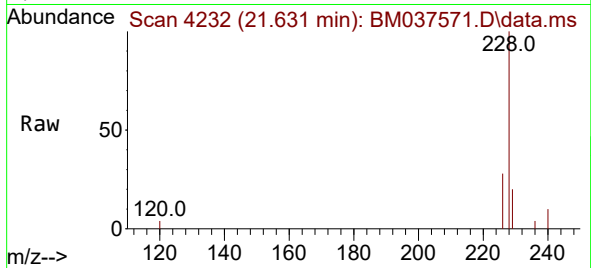




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.631 min Scan# 4232
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

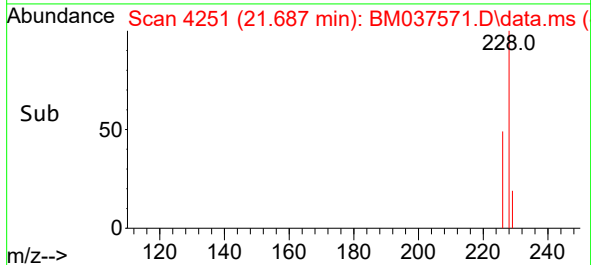
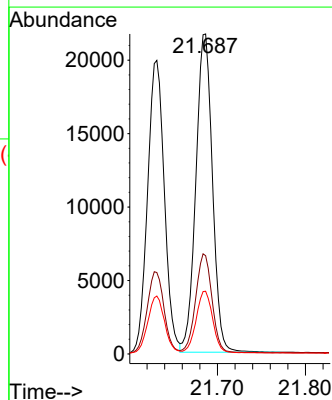
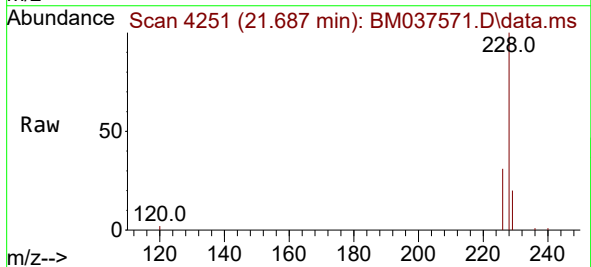
Instrument :
BNA_M
ClientSampleId :

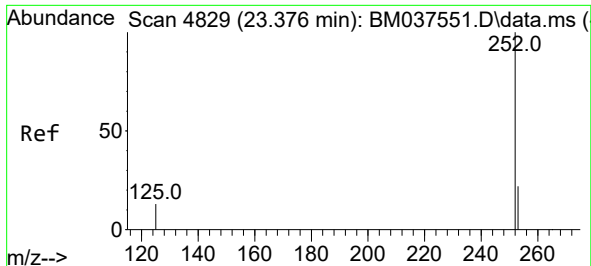
Tgt Ion:228 Resp: 26404
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.687 min Scan# 4251
Delta R.T. 0.003 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

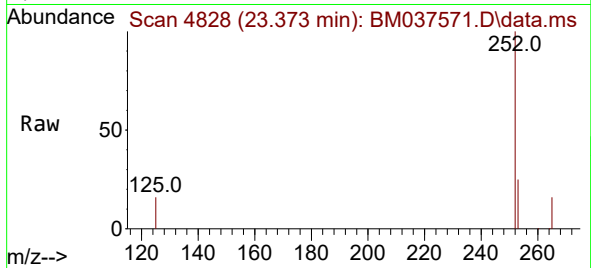
Tgt Ion:228 Resp: 28459
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.6 15.5 23.3



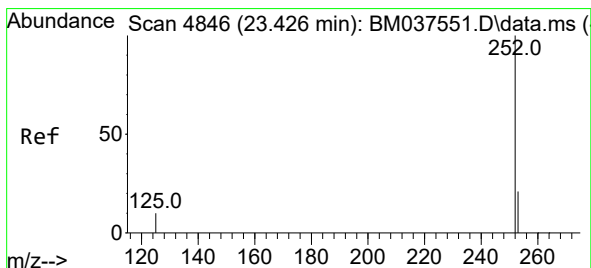
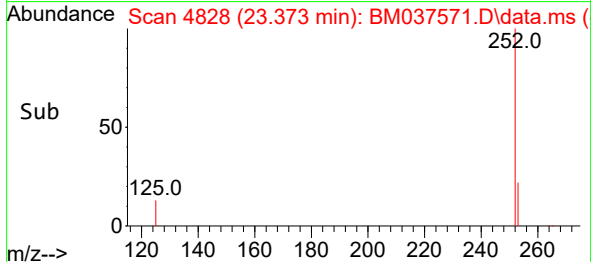
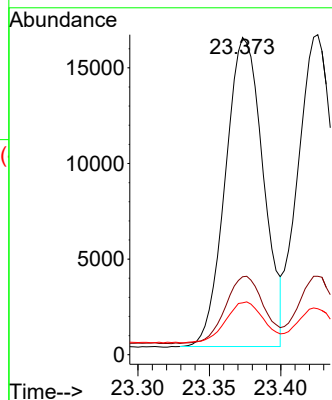


#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 23.373 min Scan# 4828
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

Instrument :
BNA_M
ClientSampleId :

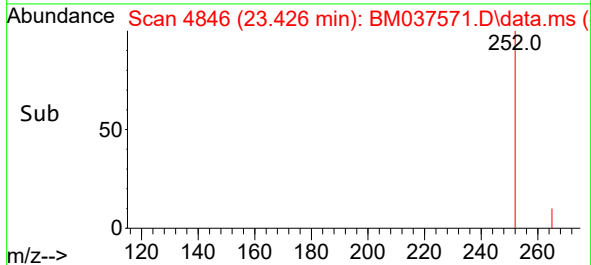
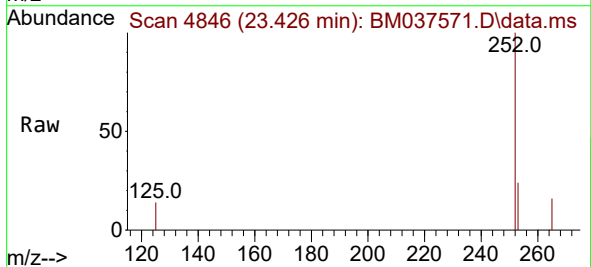
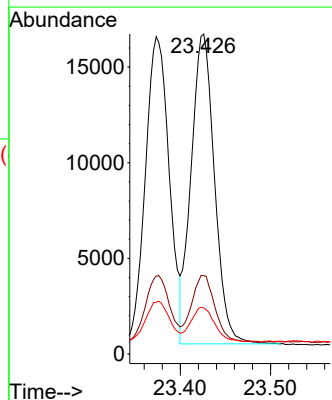


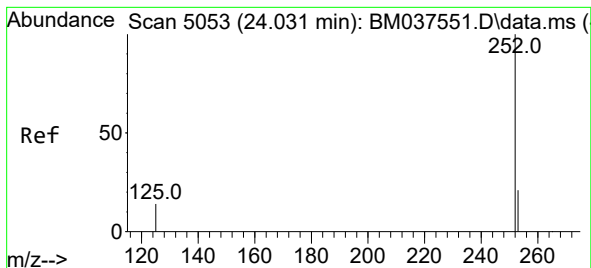
Tgt Ion:252 Resp: 29777
Ion Ratio Lower Upper
252 100
253 24.5 0.0 46.2
125 16.3 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul
RT: 23.426 min Scan# 4846
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

Tgt Ion:252 Resp: 29221
Ion Ratio Lower Upper
252 100
253 24.5 18.8 28.2
125 14.4 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 24.028 min Scan# 5053

Delta R.T. -0.000 min

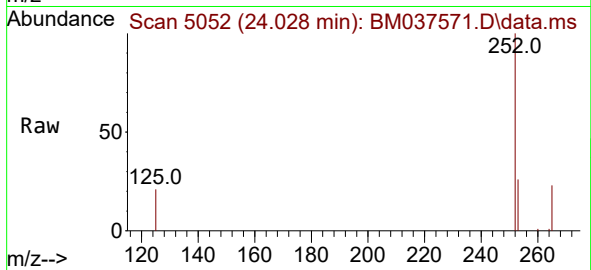
Lab File: BM037571.D

Acq: 18 Nov 2022 19:45

Instrument :

BNA_M

ClientSampleId :



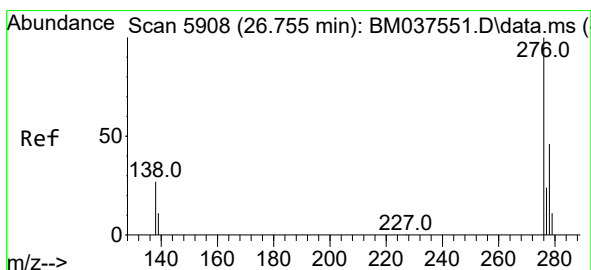
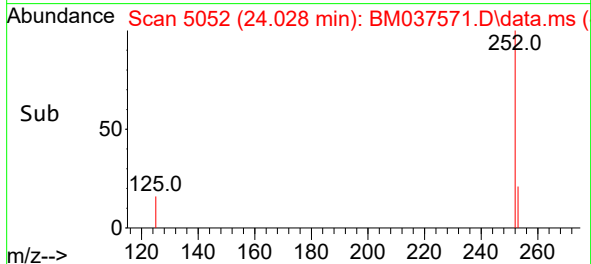
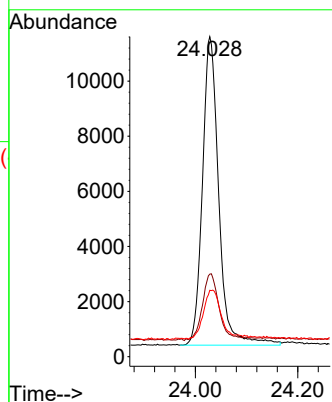
Tgt Ion:252 Resp: 24762

Ion Ratio Lower Upper

252 100

253 25.8 18.8 28.2

125 20.7 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

RT: 26.755 min Scan# 5908

Delta R.T. -0.000 min

Lab File: BM037571.D

Acq: 18 Nov 2022 19:45

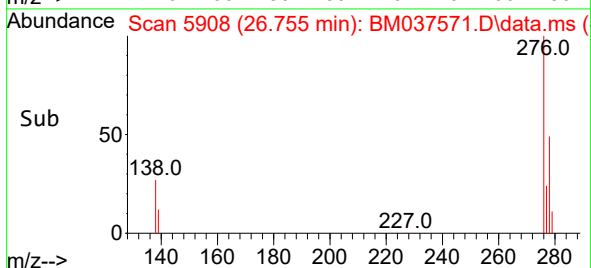
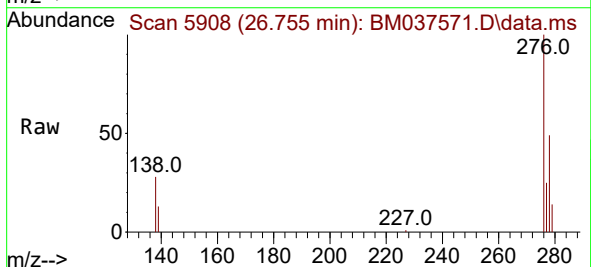
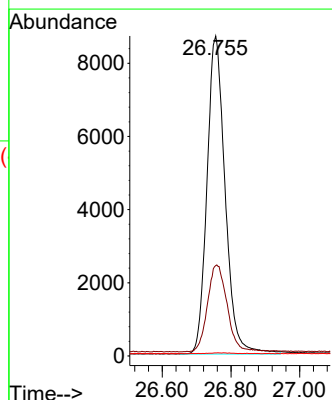
Tgt Ion:276 Resp: 31887

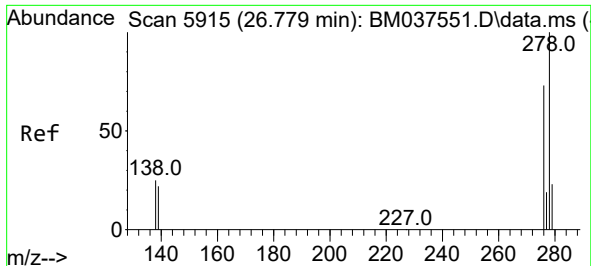
Ion Ratio Lower Upper

276 100

138 29.4 21.2 31.8

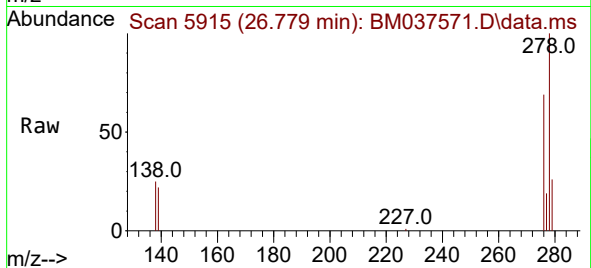
227 0.1 0.1 0.1



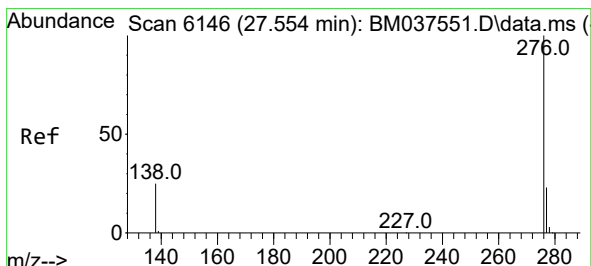
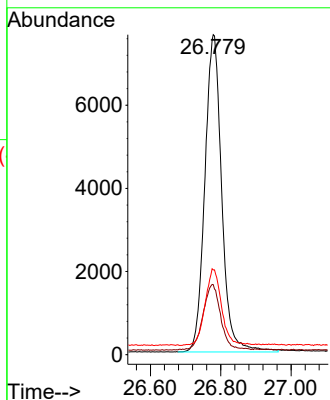
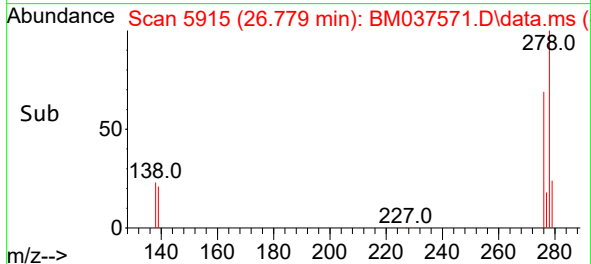


#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 26.779 min Scan# 5915
Delta R.T. -0.000 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45

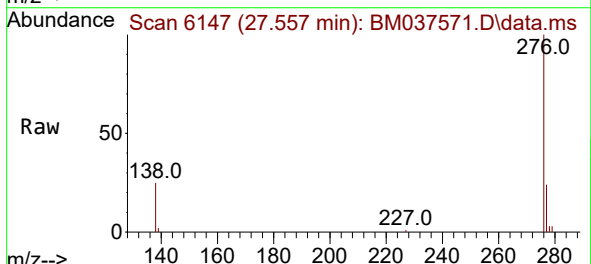
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 25422
Ion Ratio Lower Upper
278 100
139 21.9 15.2 22.8
279 26.5 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.557 min Scan# 6147
Delta R.T. -0.004 min
Lab File: BM037571.D
Acq: 18 Nov 2022 19:45



Tgt Ion:276 Resp: 25620
Ion Ratio Lower Upper
276 100
138 25.2 19.0 28.4
277 24.5 19.4 29.2

