

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
 Data File : BM037149.D
 Acq On : 19 Oct 2022 12:58
 Operator : CG/JU
 Sample : SST0.876
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8032

Quant Time: Oct 20 02:00:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 01:35:54 2022
 Response via : Initial Calibration

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

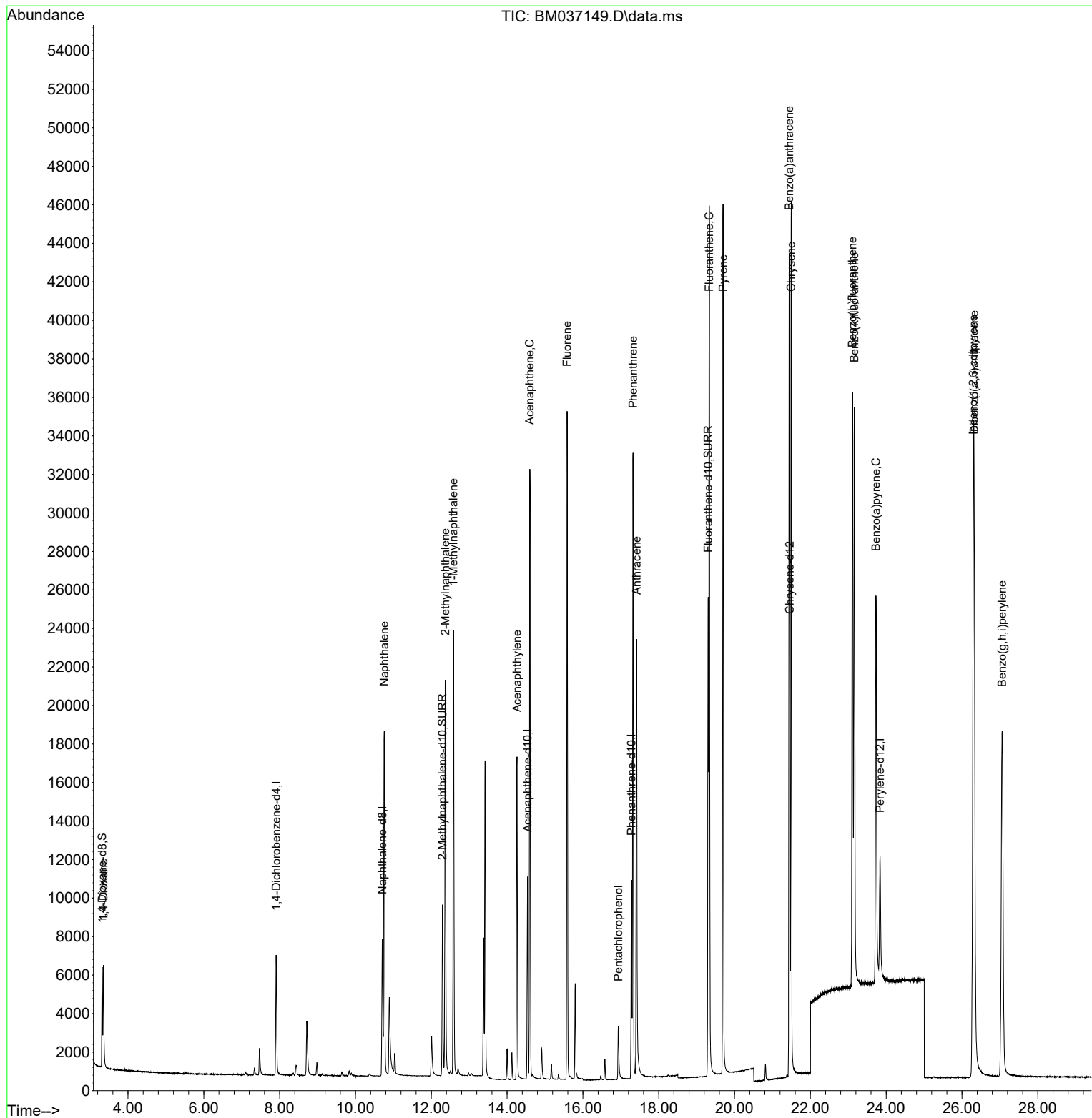
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	3555	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	10301	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	5534	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.280	188	12166	0.400	ng/ul	0.00
17) Chrysene-d12	21.456	240	10766	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	9312	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3531	0.704	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	12475	0.802	ng/ul	0.00
18) Fluoranthene-d10	19.303	212	27027	0.839	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	3649	0.745	ng/ul	93
5) Naphthalene	10.760	128	25602	0.869	ng/ul	99
7) 2-Methylnaphthalene	12.371	142	15843	0.879	ng/ul	98
8) 1-Methylnaphthalene	12.585	142	15960	0.872	ng/ul	100
10) Acenaphthylene	14.261	152	19909	0.866	ng/ul	98
11) Acenaphthene	14.598	153	18058	0.905	ng/ul	100
12) Fluorene	15.584	166	21249	0.939	ng/ul	99
14) Pentachlorophenol	16.933	266	2385	0.810	ng/ul	98
15) Phenanthrene	17.322	178	34531	0.889	ng/ul	99
16) Anthracene	17.415	178	28032	0.864	ng/ul	99
19) Fluoranthene	19.331	202	39777	0.929	ng/ul	100
20) Pyrene	19.698	202	39555	0.886	ng/ul	99
21) Benzo(a)anthracene	21.441	228	35169	0.904	ng/ul	100
22) Chrysene	21.494	228	39748	0.952	ng/ul	99
24) Benzo(b)fluoranthene	23.110	252	41338	0.994	ng/ul	96
25) Benzo(k)fluoranthene	23.157	252	40610	1.002	ng/ul	94
26) Benzo(a)pyrene	23.730	252	33190	0.983	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.299	276	47536	0.994	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.319	278	37937	0.982	ng/ul	97
29) Benzo(g,h,i)perylene	27.057	276	41253	0.979	ng/ul	98

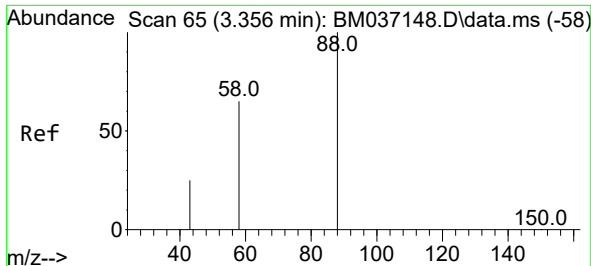
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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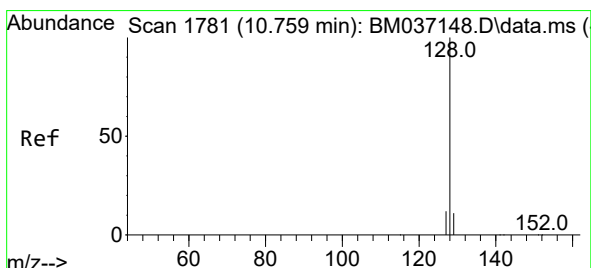
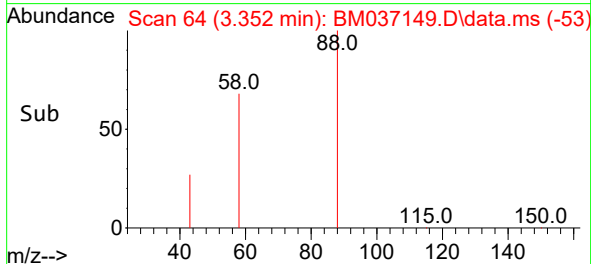
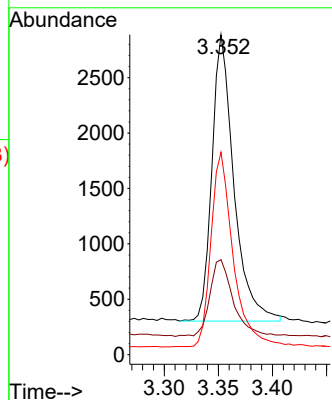
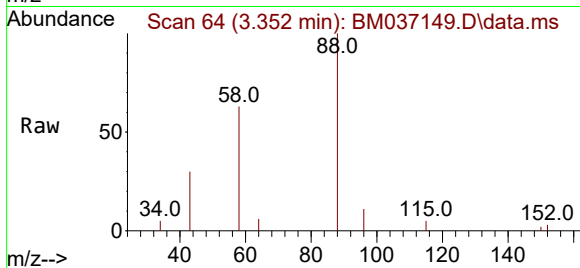




#2
1,4-Dioxane
Concen: 0.745 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

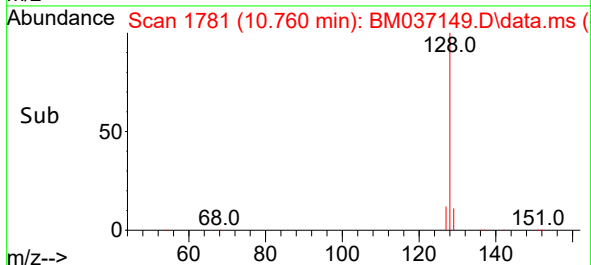
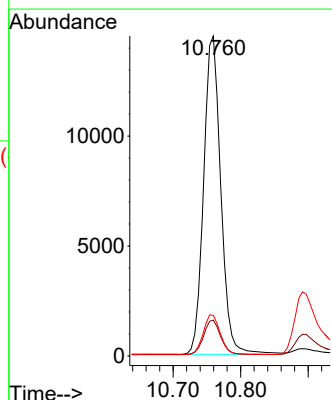
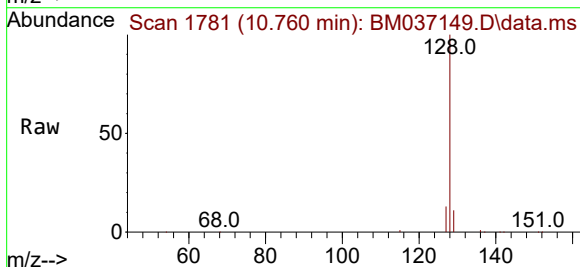
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

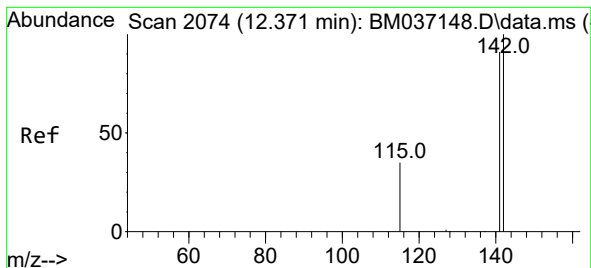
Tgt Ion: 88 Resp: 3649
Ion Ratio Lower Upper
88 100
43 29.7 25.5 38.3
58 63.2 45.8 68.6



#5
Naphthalene
Concen: 0.869 ng/ul
RT: 10.760 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion: 128 Resp: 25602
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.7 10.5 15.7

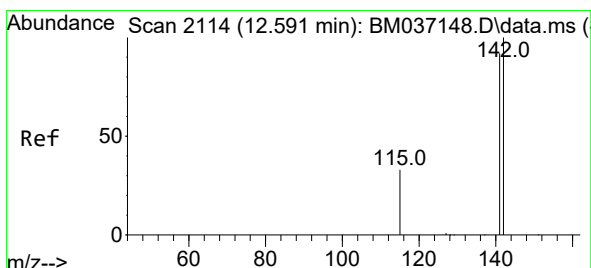
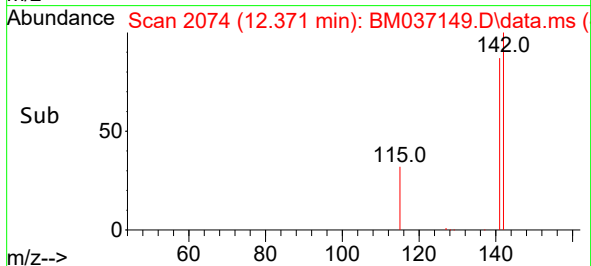
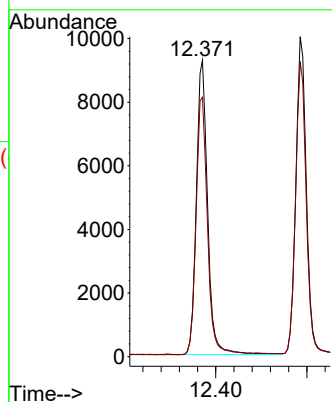
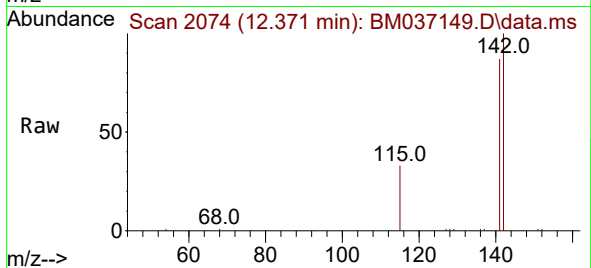




#7
2-Methylnaphthalene
Concen: 0.879 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

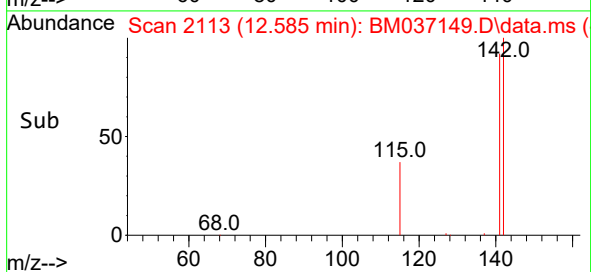
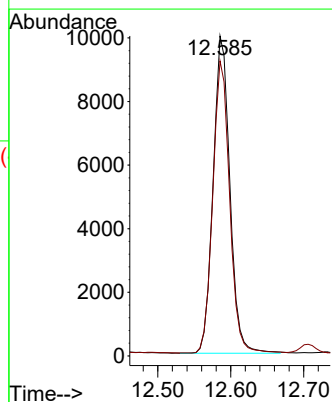
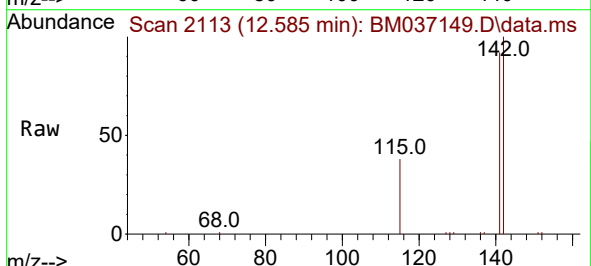
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

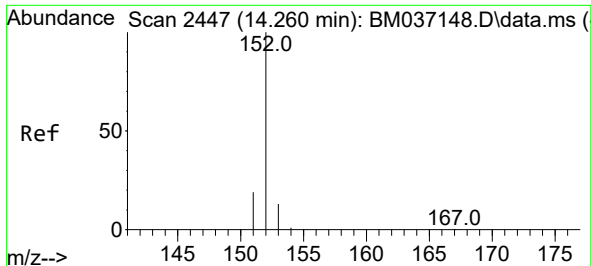
Tgt Ion:142 Resp: 15843
Ion Ratio Lower Upper
142 100
141 89.5 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.872 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion:142 Resp: 15960
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4

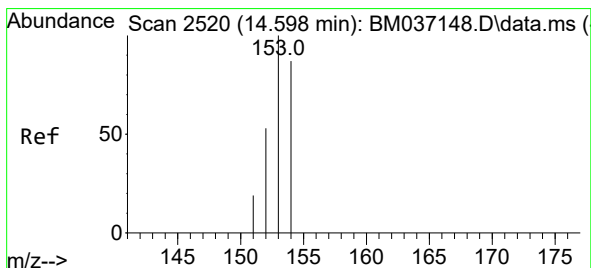
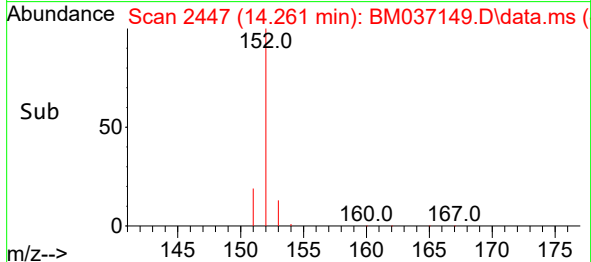
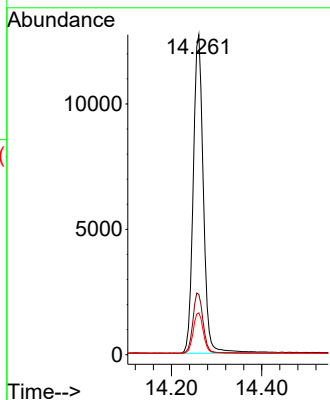
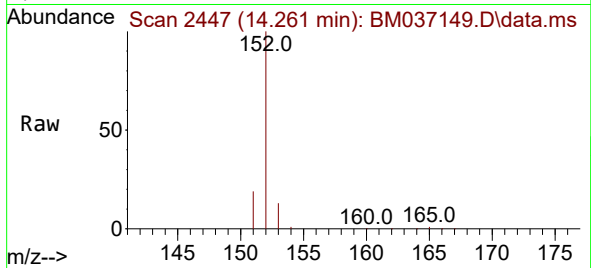




#10
Acenaphthylene
Concen: 0.866 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

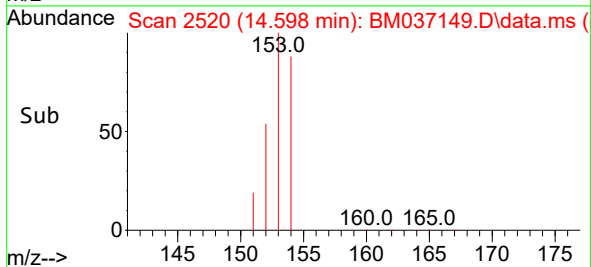
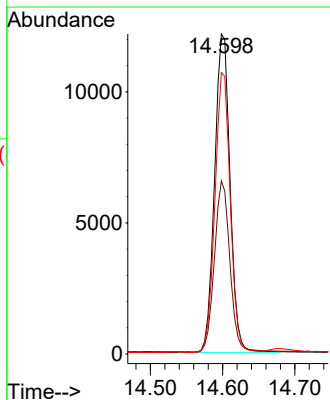
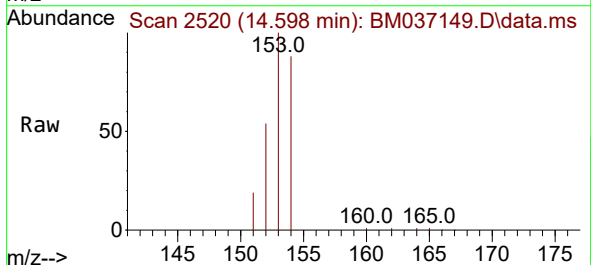
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

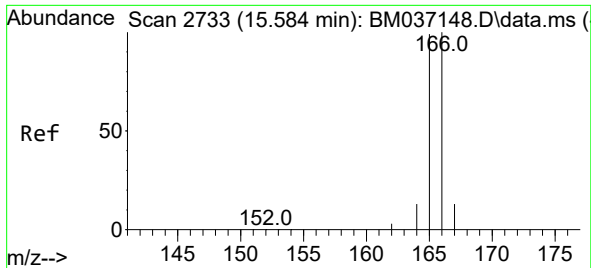
Tgt Ion:	152	Resp:	19909
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.2	24.2
153	13.0	10.8	16.2



#11
Acenaphthene
Concen: 0.905 ng/ul
RT: 14.598 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion:	153	Resp:	18058
Ion Ratio	Lower	Upper	
153	100		
152	54.1	43.3	64.9
154	87.9	70.0	105.0

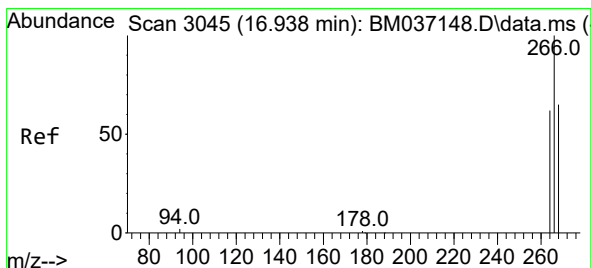
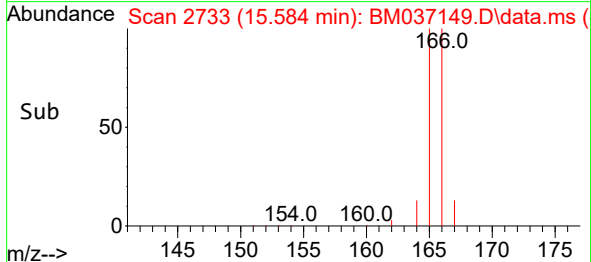
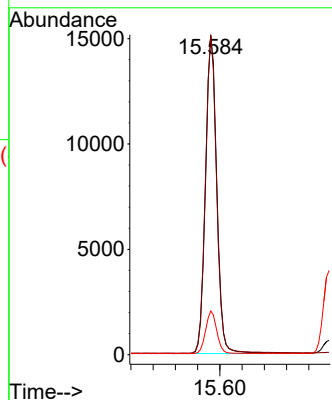
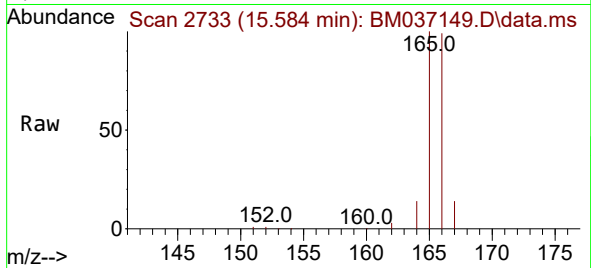




#12
Fluorene
Concen: 0.939 ng/ul
RT: 15.584 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

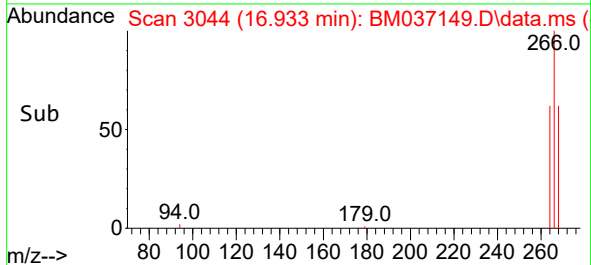
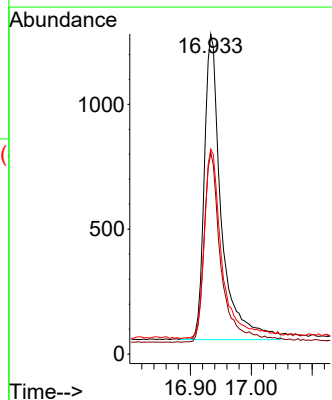
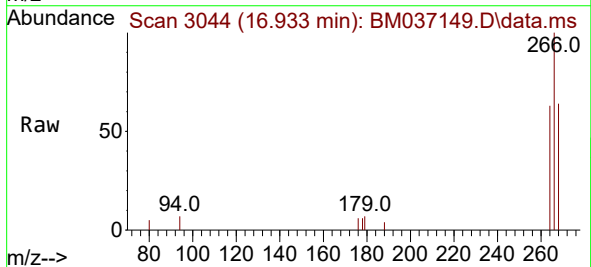
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

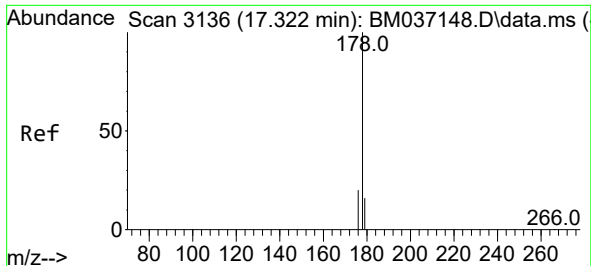
Tgt Ion:166 Resp: 21249
Ion Ratio Lower Upper
166 100
165 100.5 79.4 119.2
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.810 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. -0.004 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion:266 Resp: 2385
Ion Ratio Lower Upper
266 100
264 62.1 49.4 74.0
268 65.2 50.5 75.7

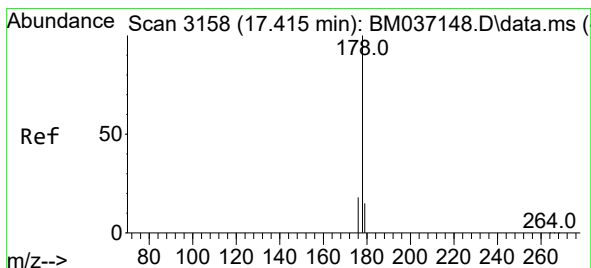
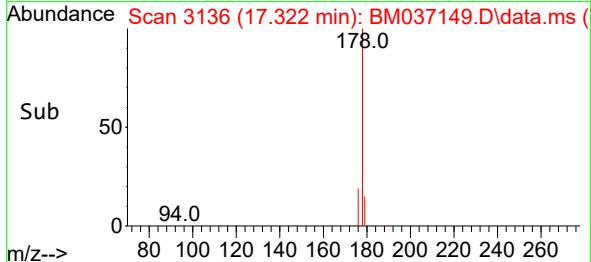
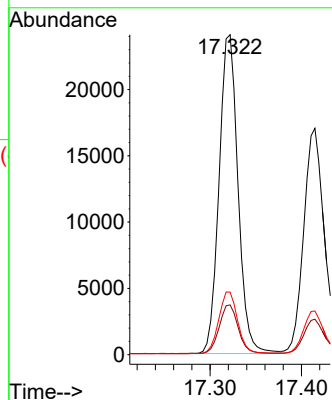
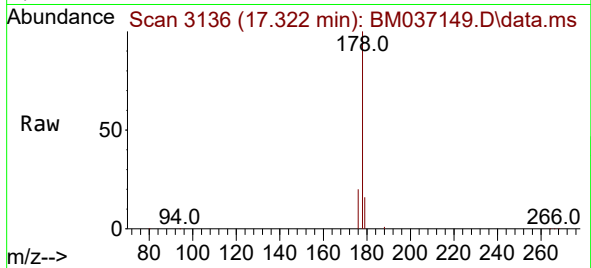




#15
Phenanthrene
Concen: 0.889 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

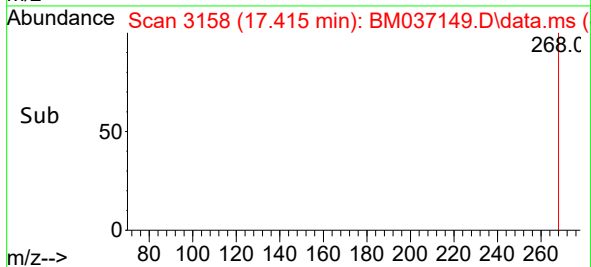
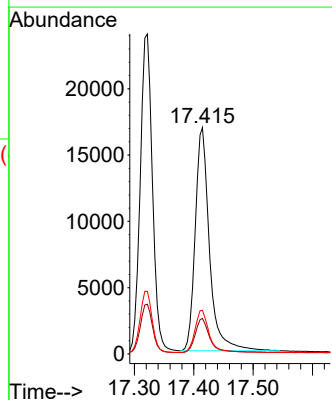
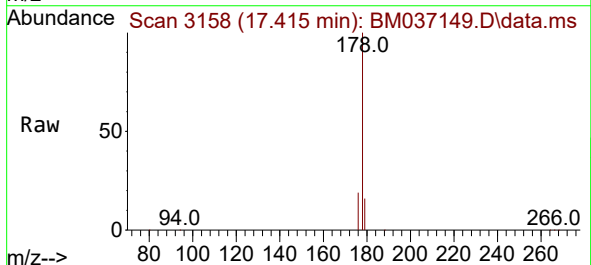
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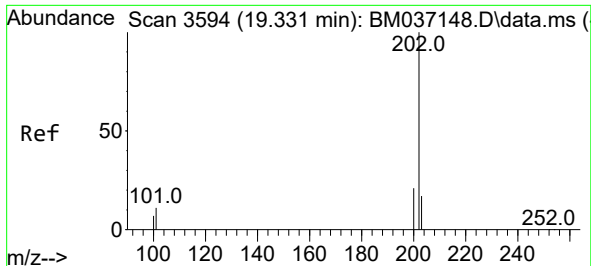
Tgt Ion:178 Resp: 34531
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.6 16.1 24.1



#16
Anthracene
Concen: 0.864 ng/ul
RT: 17.415 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion:178 Resp: 28032
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.3 15.3 22.9

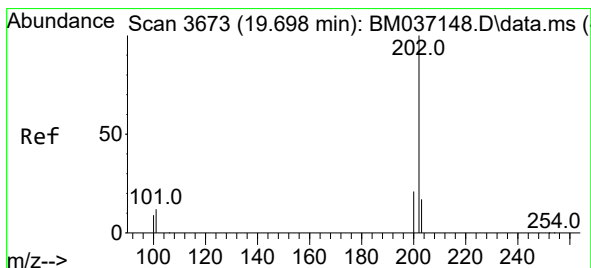
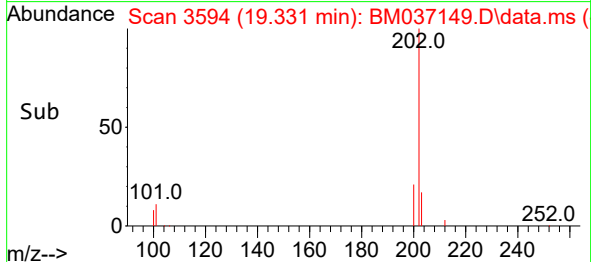
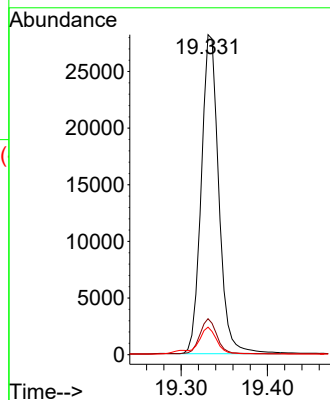
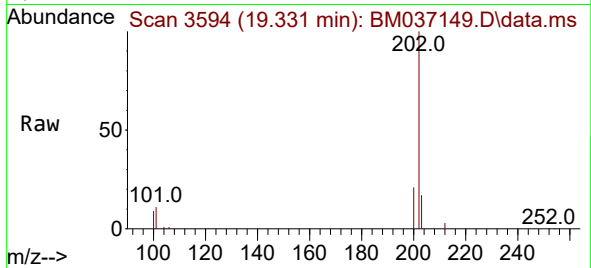




#19
Fluoranthene
Concen: 0.929 ng/ul
RT: 19.331 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

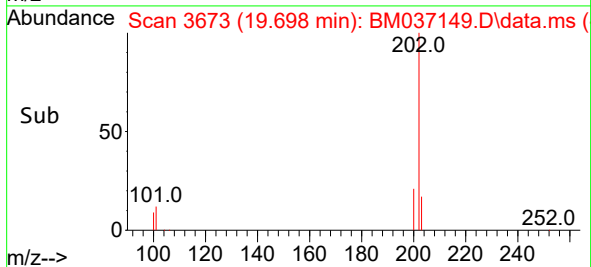
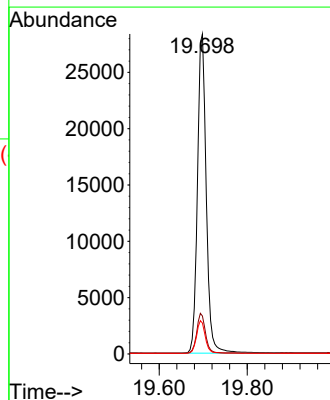
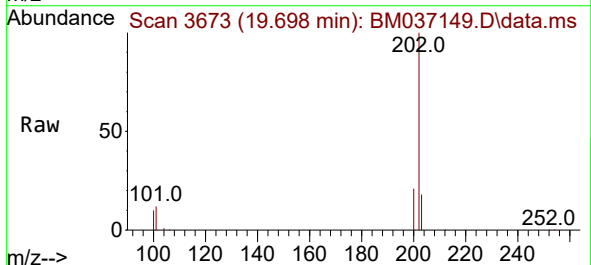
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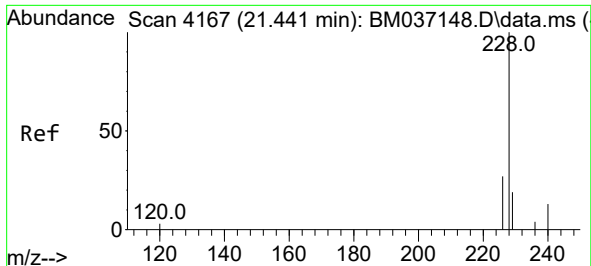
Tgt Ion:202 Resp: 39777
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 8.6 6.9 10.3



#20
Pyrene
Concen: 0.886 ng/ul
RT: 19.698 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion:202 Resp: 39555
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.6 7.8 11.8

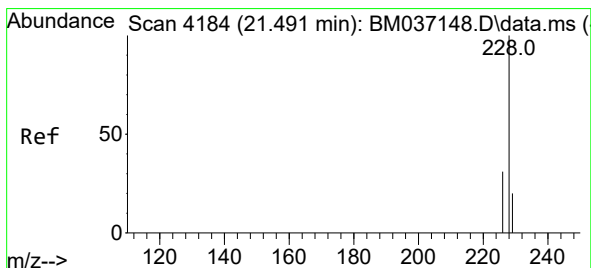
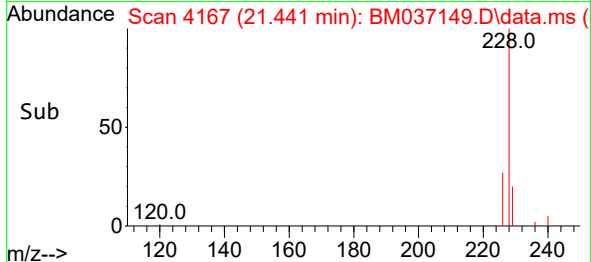
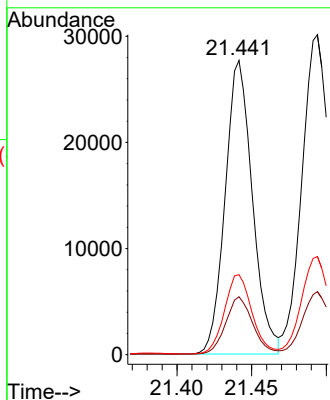
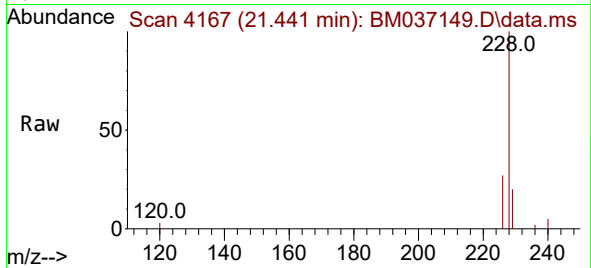




#21
Benzo(a)anthracene
Concen: 0.904 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

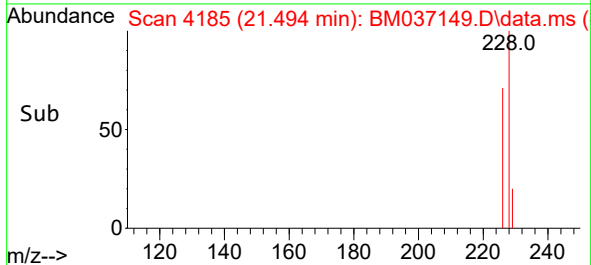
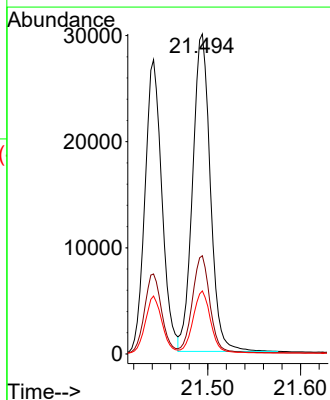
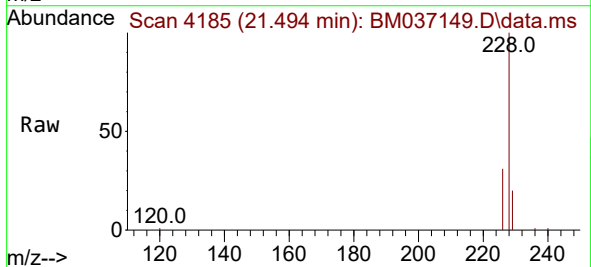
Instrument :
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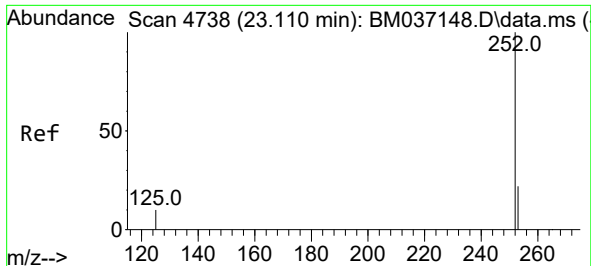
Tgt Ion:228 Resp: 35169
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 27.2 21.8 32.8



#22
Chrysene
Concen: 0.952 ng/ul
RT: 21.494 min Scan# 4185
Delta R.T. 0.003 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion:228 Resp: 39748
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.7 16.0 24.0

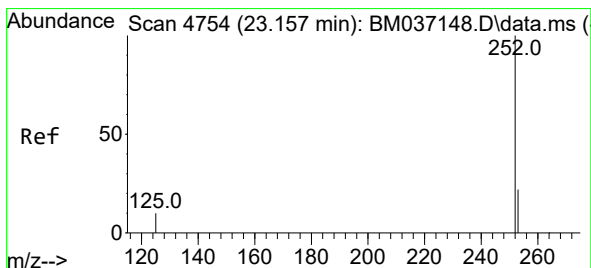
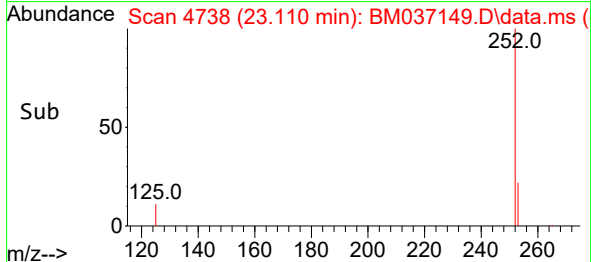
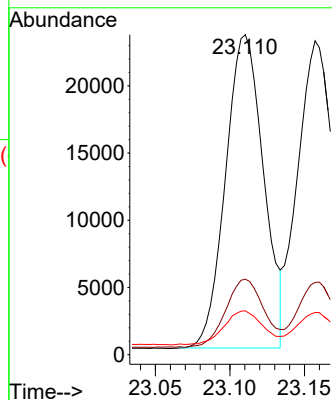
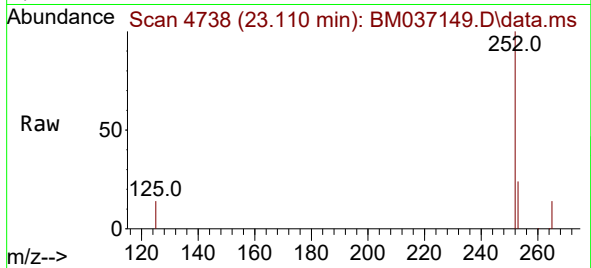




#24
Benzo(b)fluoranthene
Concen: 0.994 ng/ul
RT: 23.110 min Scan# 4738
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

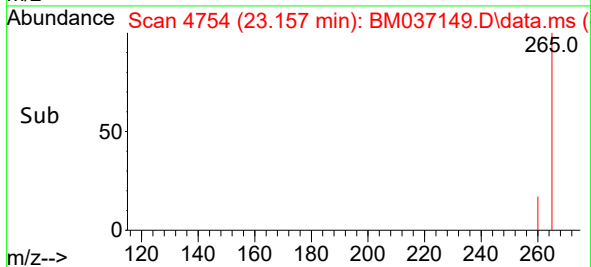
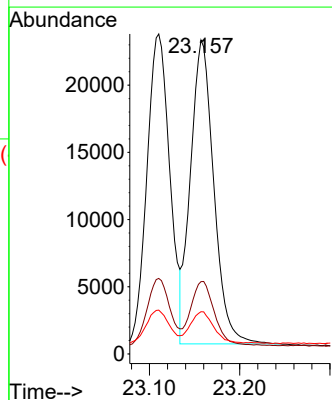
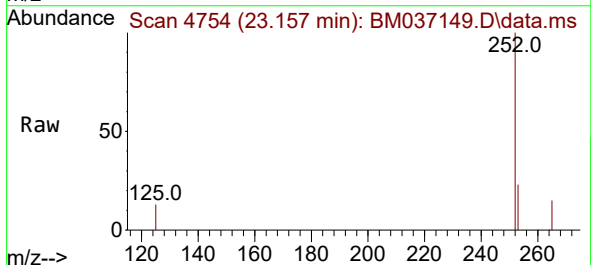
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

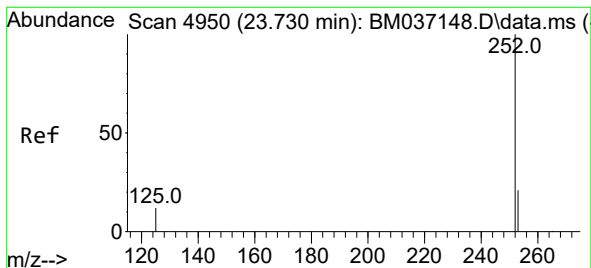
Tgt Ion:252 Resp: 41338
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.6
125 13.7 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 1.002 ng/ul
RT: 23.157 min Scan# 4754
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion:252 Resp: 40610
Ion Ratio Lower Upper
252 100
253 23.1 20.6 30.8
125 13.5 13.3 19.9





#26

Benzo(a)pyrene

Concen: 0.983 ng/ul

RT: 23.730 min Scan# 4950

Delta R.T. 0.000 min

Lab File: BM037149.D

Acq: 19 Oct 2022 12:58

Instrument :

BNA_M

ClientSampleId :

SSTD0.8032

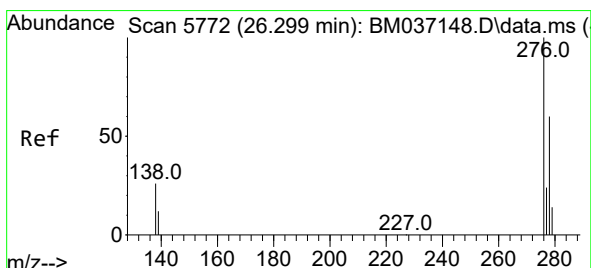
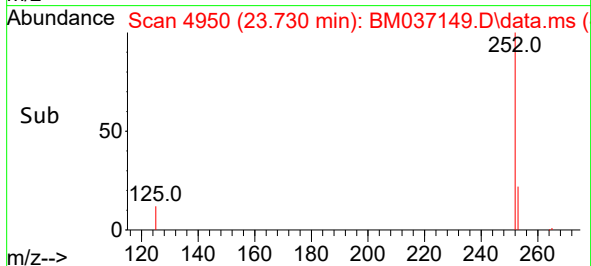
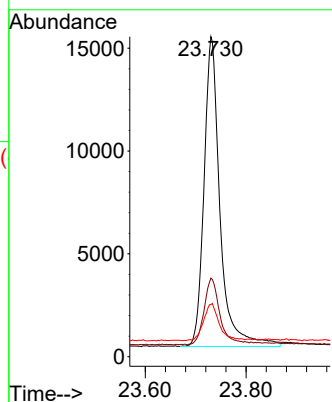
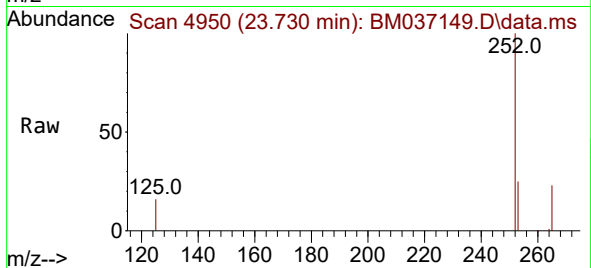
Tgt Ion:252 Resp: 33190

Ion Ratio Lower Upper

252 100

253 24.6 22.1 33.1

125 16.3 17.6 26.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.994 ng/ul

RT: 26.299 min Scan# 5772

Delta R.T. 0.000 min

Lab File: BM037149.D

Acq: 19 Oct 2022 12:58

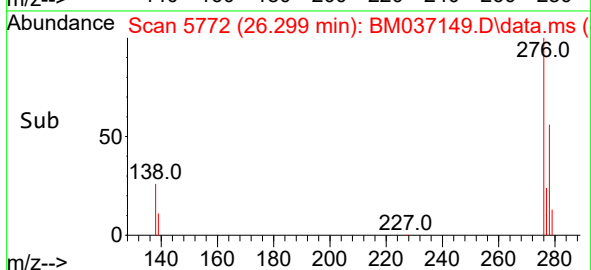
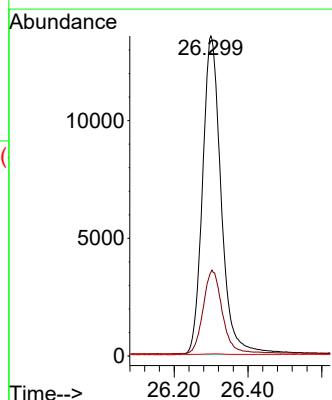
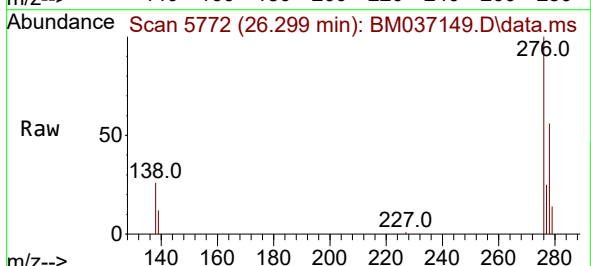
Tgt Ion:276 Resp: 47536

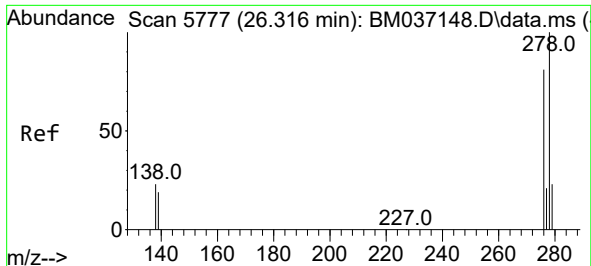
Ion Ratio Lower Upper

276 100

138 26.9 21.4 32.0

227 0.2 0.1 0.1#

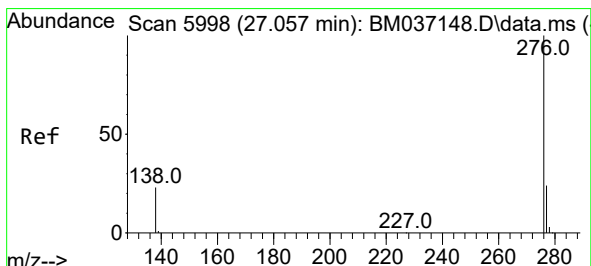
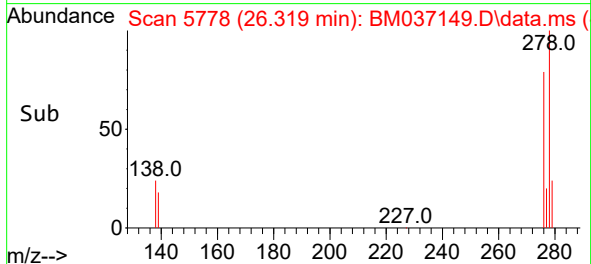
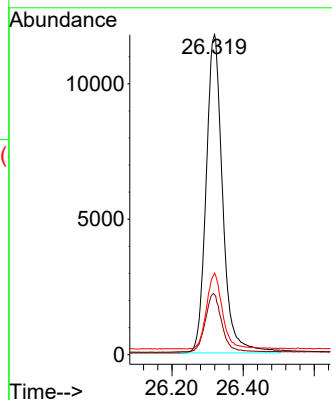
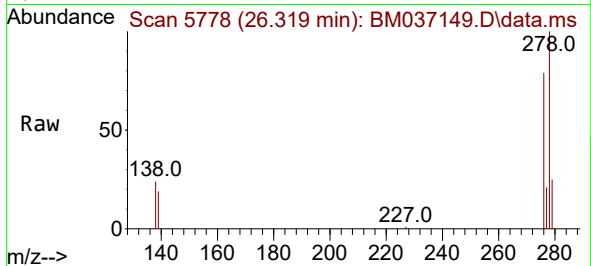




#28
Dibenzo(a,h)anthracene
Concen: 0.982 ng/ul
RT: 26.319 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:278 Resp: 37937
Ion Ratio Lower Upper
278 100
139 18.8 16.3 24.5
279 25.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.979 ng/ul
RT: 27.057 min Scan# 5998
Delta R.T. 0.000 min
Lab File: BM037149.D
Acq: 19 Oct 2022 12:58

Tgt Ion:276 Resp: 41253
Ion Ratio Lower Upper
276 100
138 24.0 19.8 29.8
277 24.1 20.1 30.1

