

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037407.D
 Acq On : 08 Nov 2022 01:03
 Operator : CG/JU
 Sample : N5408-13MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4Z2MS

Quant Time: Nov 08 01:56:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

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

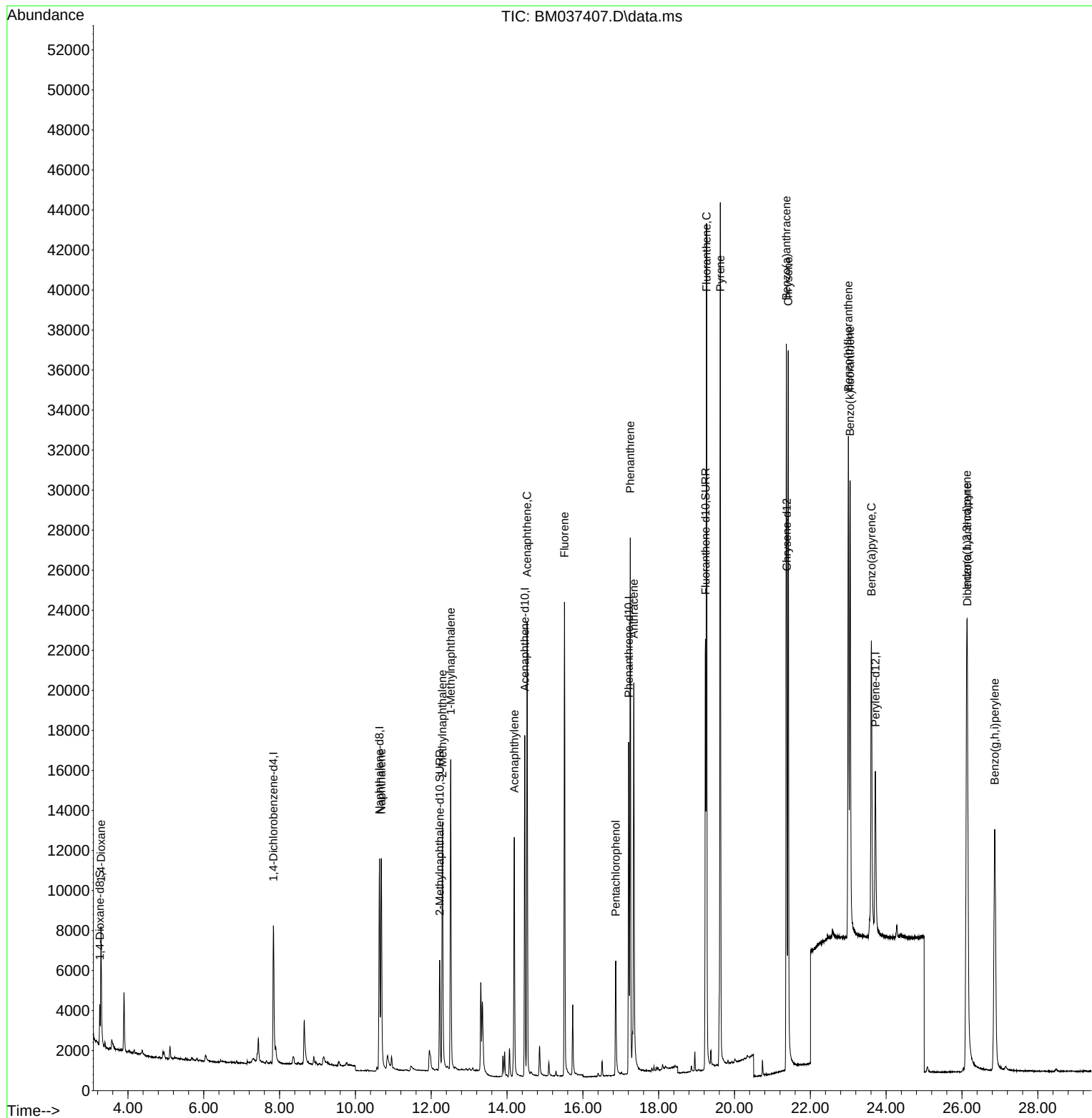
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	4750	0.400	ng/u1	0.00
4) Naphthalene-d8	10.633	136	15647	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.469	164	9198	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.208	188	19063	0.400	ng/u1	0.00
17) Chrysene-d12	21.380	240	13340	0.400	ng/u1	0.00
23) Perylene-d12	23.715	264	11184	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	1370	0.227	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.222	152	8416	0.358	ng/u1	0.00
18) Fluoranthene-d10	19.233	212	22791	0.546	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.289	88	3931	0.659	ng/u1	91
5) Naphthalene	10.683	128	16546	0.365	ng/u1	99
7) 2-Methylnaphthalene	12.294	142	10309	0.363	ng/u1	98
8) 1-Methylnaphthalene	12.514	142	11122	0.380	ng/u1	99
10) Acenaphthylene	14.191	152	14589	0.373	ng/u1	100
11) Acenaphthene	14.529	153	13103	0.379	ng/u1	99
12) Fluorene	15.514	166	15441	0.390	ng/u1	98
14) Pentachlorophenol	16.866	266	4548	0.904	ng/u1	99
15) Phenanthrene	17.250	178	28027	0.429	ng/u1	99
16) Anthracene	17.343	178	23557	0.443	ng/u1	100
19) Fluoranthene	19.261	202	35035	0.554	ng/u1	97
20) Pyrene	19.624	202	36778	0.556	ng/u1	99
21) Benzo(a)anthracene	21.366	228	28984	0.504	ng/u1	100
22) Chrysene	21.418	228	31535	0.491	ng/u1	100
24) Benzo(b)fluoranthene	23.002	252	31899	0.497	ng/u1	100
25) Benzo(k)fluoranthene	23.049	252	30844	0.502	ng/u1	98
26) Benzo(a)pyrene	23.610	252	25336	0.472	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.125	276	32833	0.459	ng/u1#	97
28) Dibenzo(a,h)anthracene	26.142	278	25555	0.464	ng/u1	98
29) Benzo(g,h,i)perylene	26.863	276	28083	0.454	ng/u1	97

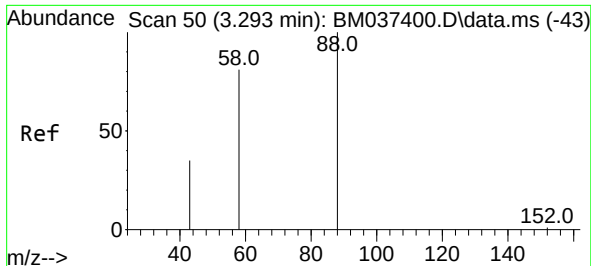
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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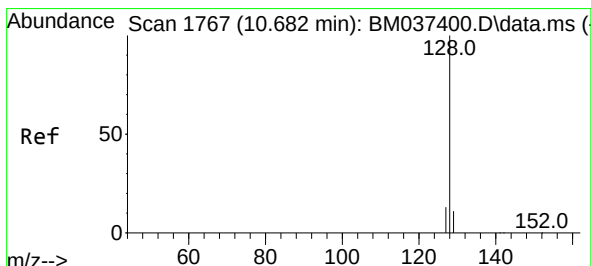
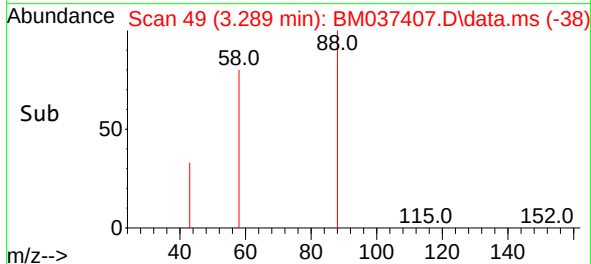
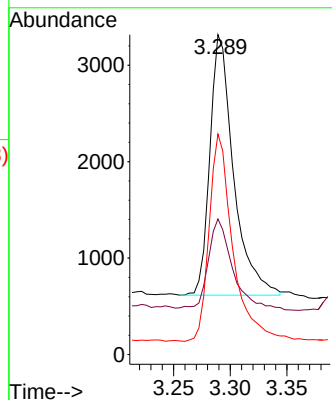
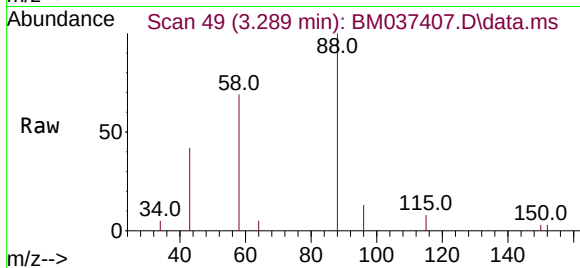




#2
 1,4-Dioxane
 Concen: 0.659 ng/ul
 RT: 3.289 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BM037407.D
 Acq: 08 Nov 2022 01:03

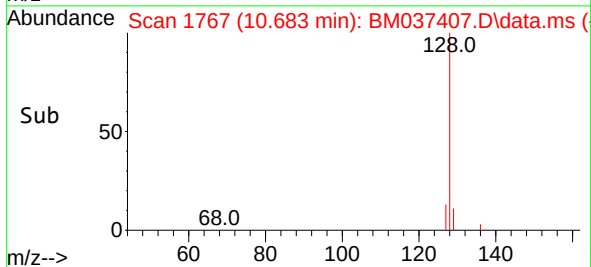
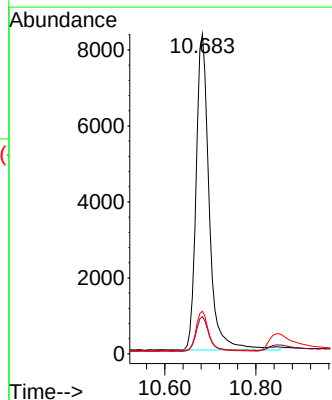
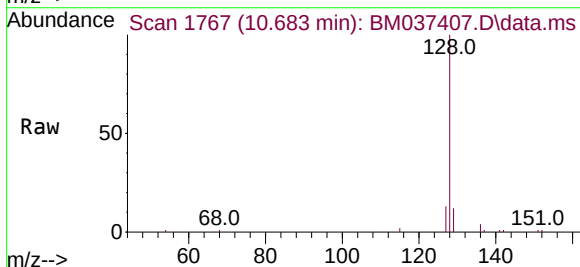
Instrument :
 BNA_M
 ClientSampleId :
 EW4Z2MS

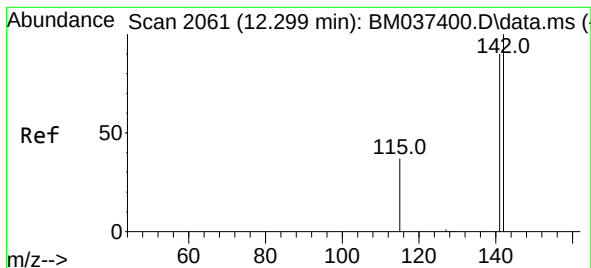
Tgt Ion: 88 Resp: 3931
 Ion Ratio Lower Upper
 88 100
 43 42.4 39.9 59.9
 58 68.9 50.2 75.2



#5
 Naphthalene
 Concen: 0.365 ng/ul
 RT: 10.683 min Scan# 1767
 Delta R.T. -0.005 min
 Lab File: BM037407.D
 Acq: 08 Nov 2022 01:03

Tgt Ion: 128 Resp: 16546
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.2 13.8
 127 13.3 10.2 15.4

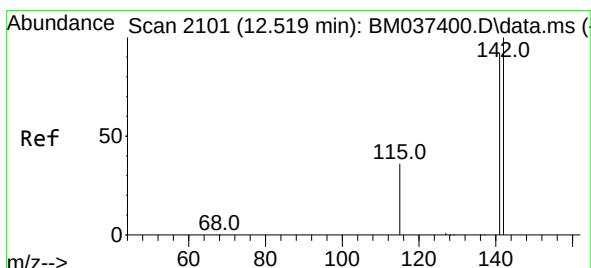
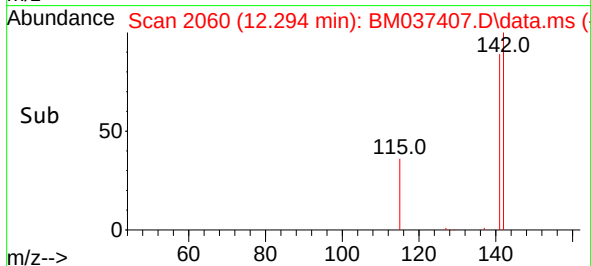
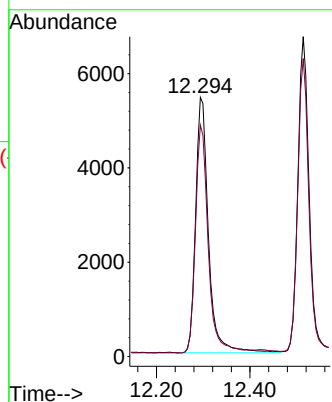
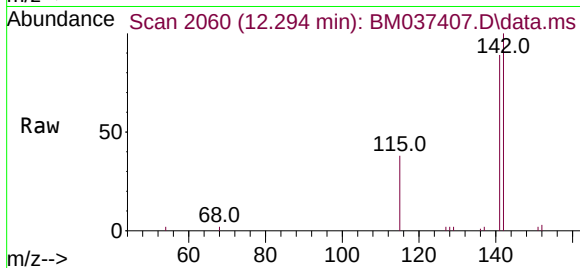




#7
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

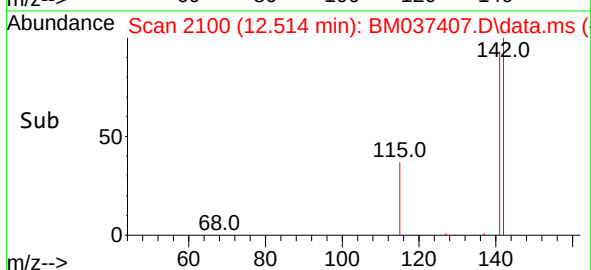
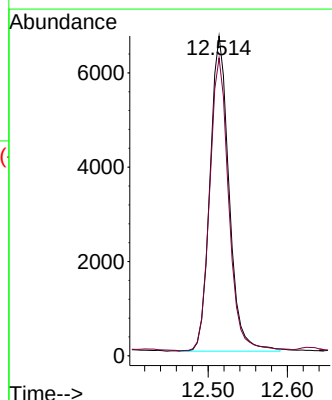
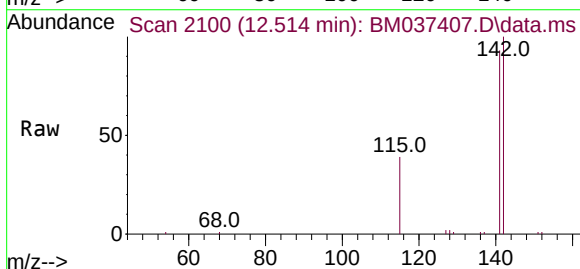
Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

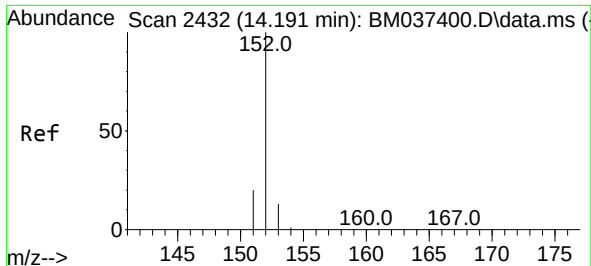
Tgt Ion:142 Resp: 10309
Ion Ratio Lower Upper
142 100
141 90.5 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

Tgt Ion:142 Resp: 11122
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9

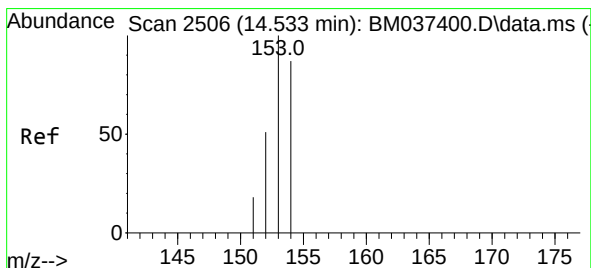
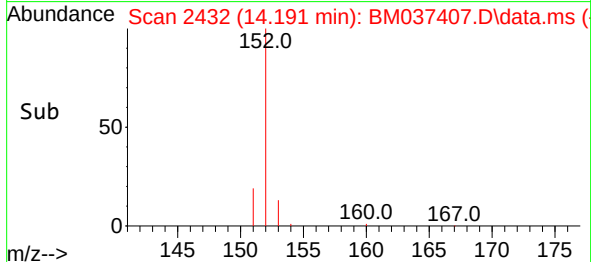
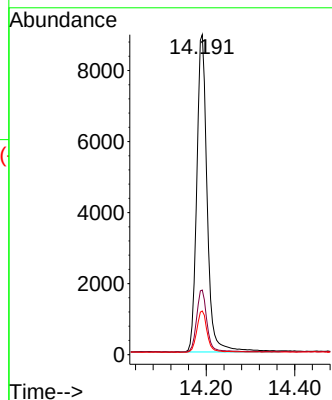
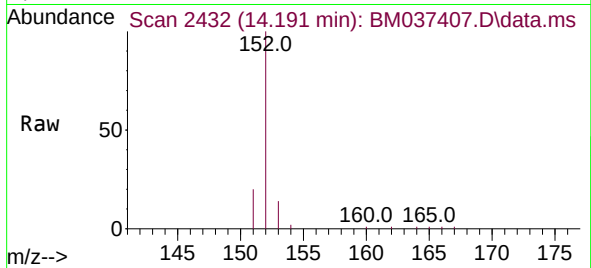




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

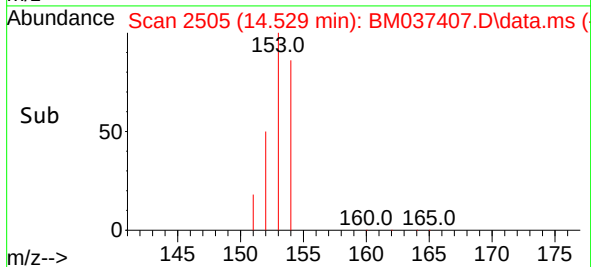
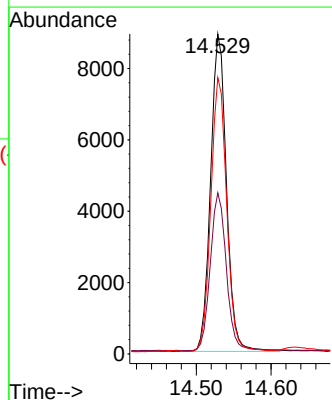
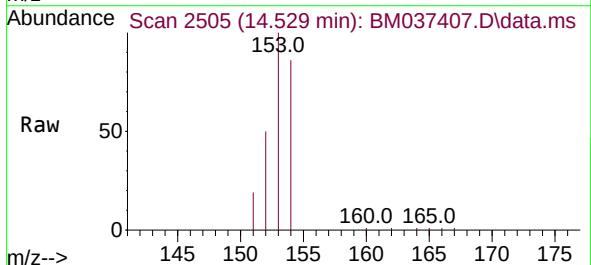
Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

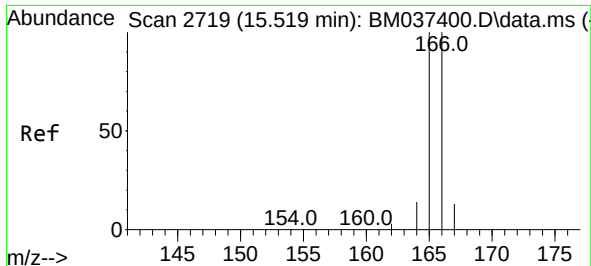
Tgt Ion:	152	Resp:	14589
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	13.6	11.0	16.4



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

Tgt Ion:	153	Resp:	13103
Ion Ratio	Lower	Upper	
153	100		
152	50.3	40.2	60.4
154	86.3	70.4	105.6

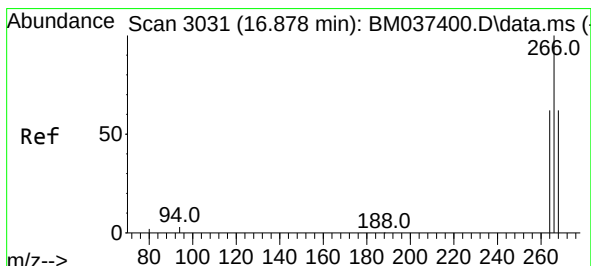
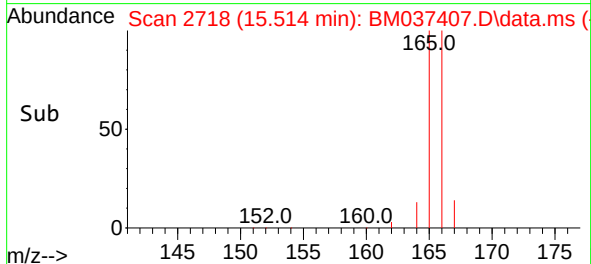
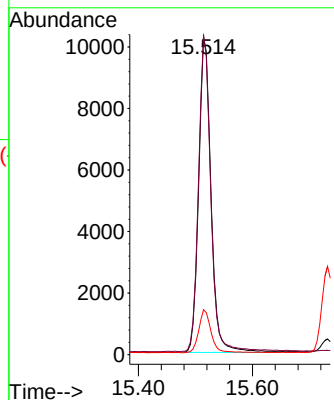
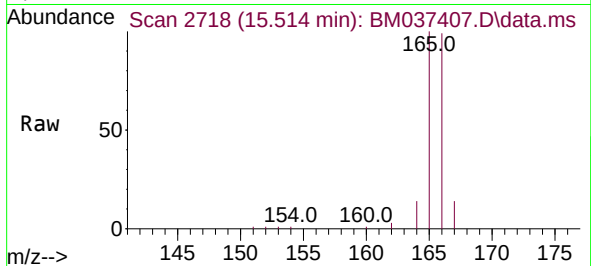




#12
 Fluorene
 Concen: 0.390 ng/ul
 RT: 15.514 min Scan# 2719
 Delta R.T. -0.009 min
 Lab File: BM037407.D
 Acq: 08 Nov 2022 01:03

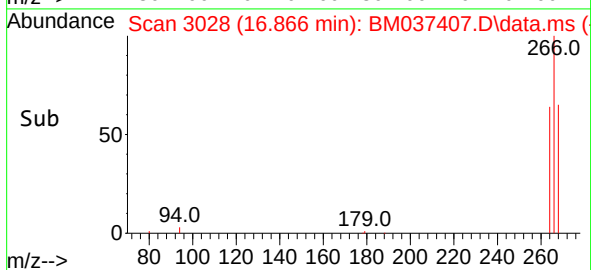
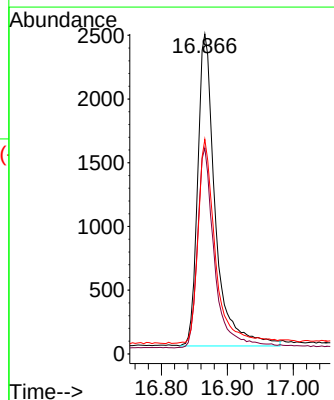
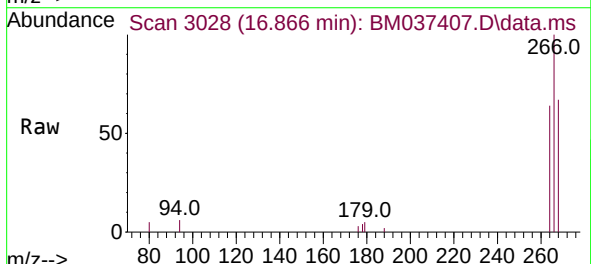
Instrument :
 BNA_M
 ClientSampleId :
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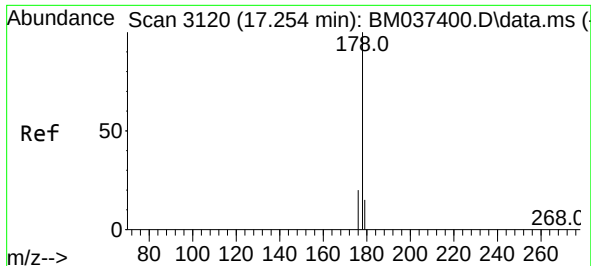
Tgt Ion:166 Resp: 15441
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.0 118.4
 167 14.1 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.904 ng/ul
 RT: 16.866 min Scan# 3028
 Delta R.T. -0.013 min
 Lab File: BM037407.D
 Acq: 08 Nov 2022 01:03

Tgt Ion:266 Resp: 4548
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.9 74.9
 268 64.0 51.9 77.9

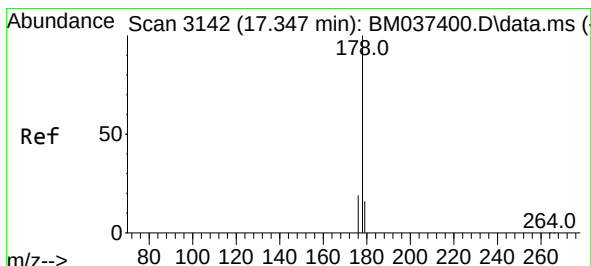
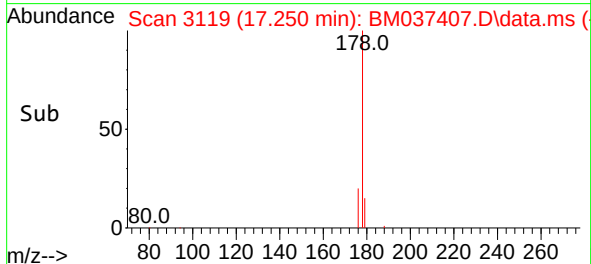
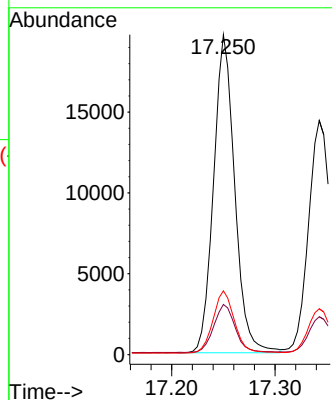
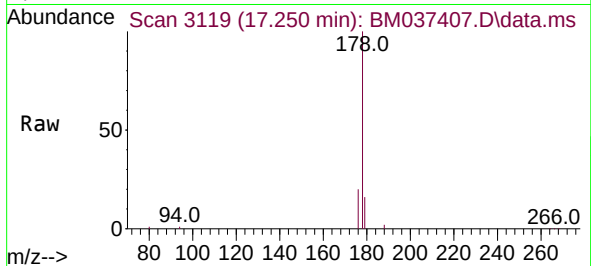




#15
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

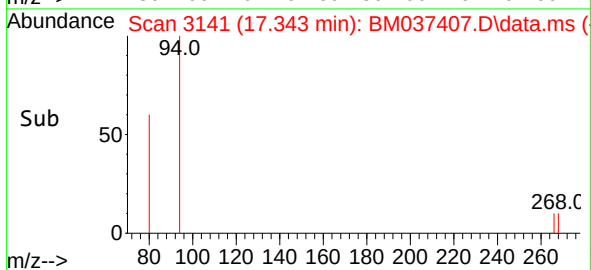
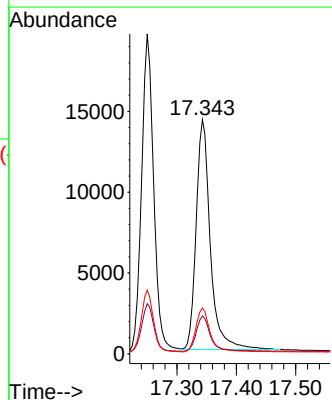
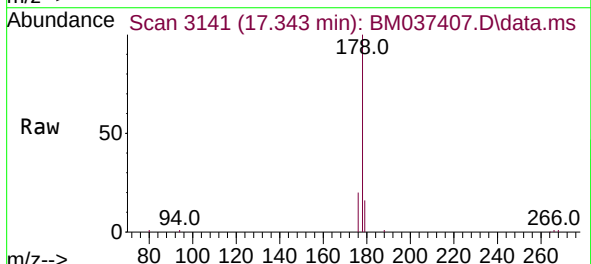
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ClientSampleId :
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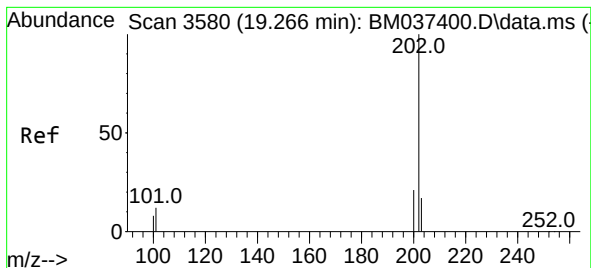
Tgt Ion:178 Resp: 28027
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.443 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

Tgt Ion:178 Resp: 23557
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.6 15.5 23.3





#19

Fluoranthene

Concen: 0.554 ng/ul

RT: 19.261 min Scan# 3579

Delta R.T. -0.009 min

Lab File: BM037407.D

Acq: 08 Nov 2022 01:03

Instrument :

BNA_M

ClientSampleId :

EW4Z2MS

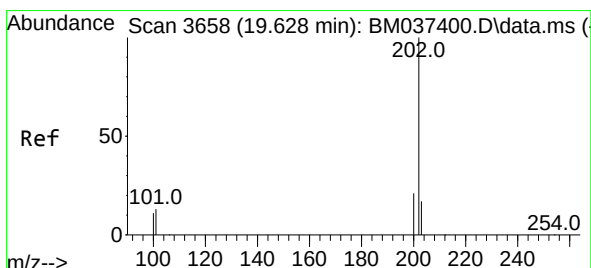
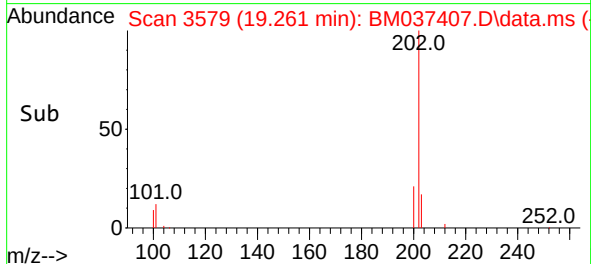
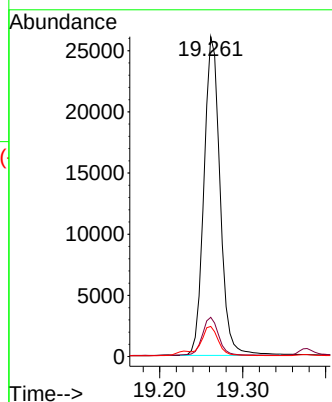
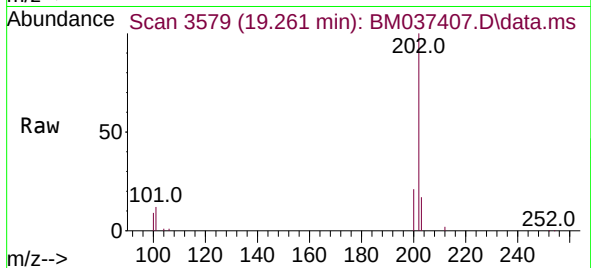
Tgt Ion:202 Resp: 35035

Ion Ratio Lower Upper

202 100

101 12.3 8.7 13.1

100 9.4 6.6 10.0



#20

Pyrene

Concen: 0.556 ng/ul

RT: 19.624 min Scan# 3657

Delta R.T. -0.005 min

Lab File: BM037407.D

Acq: 08 Nov 2022 01:03

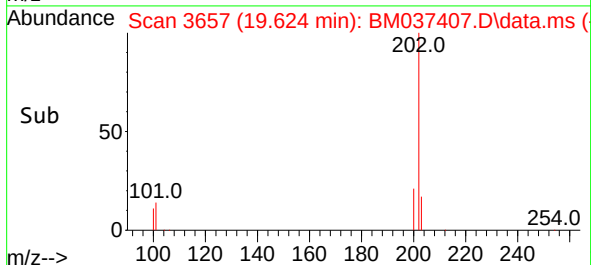
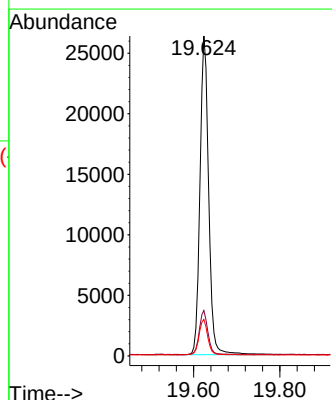
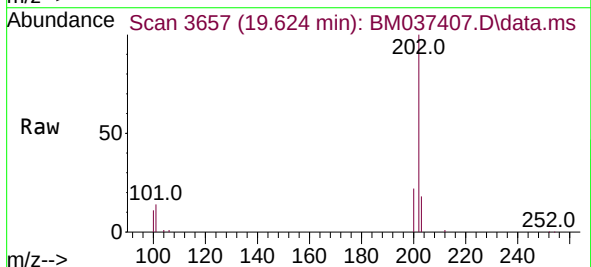
Tgt Ion:202 Resp: 36778

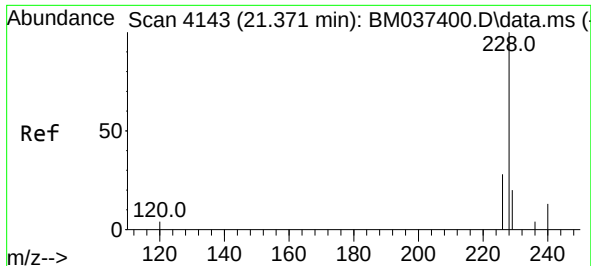
Ion Ratio Lower Upper

202 100

101 14.2 11.1 16.7

100 11.4 9.0 13.4

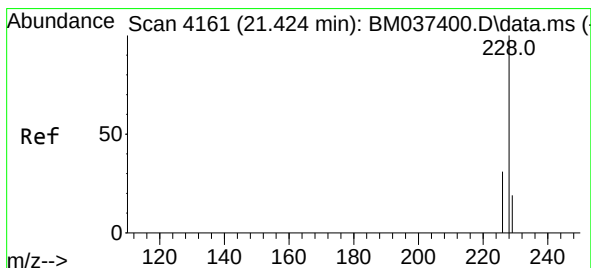
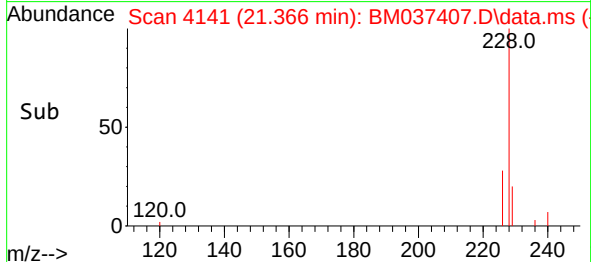
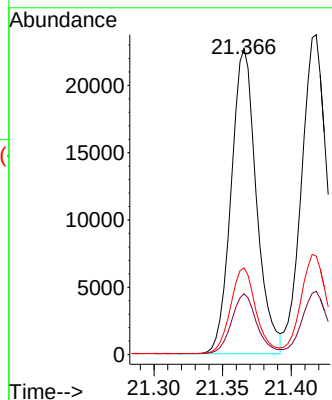
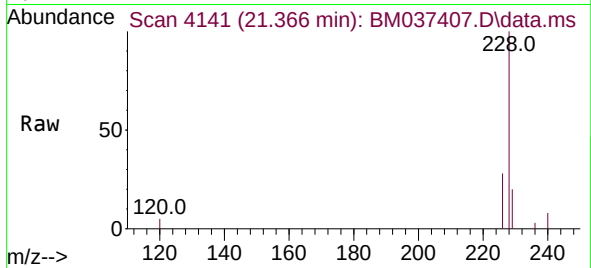




#21
Benzo(a)anthracene
Concen: 0.504 ng/ul
RT: 21.366 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

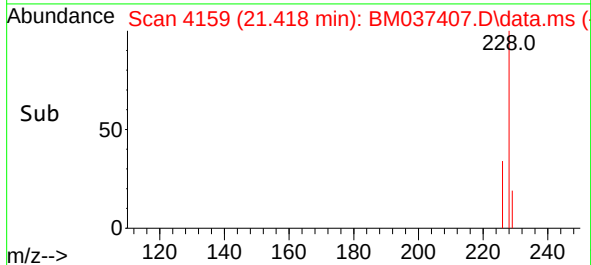
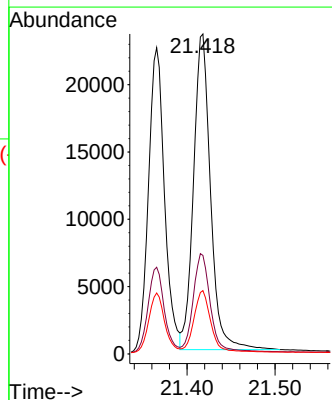
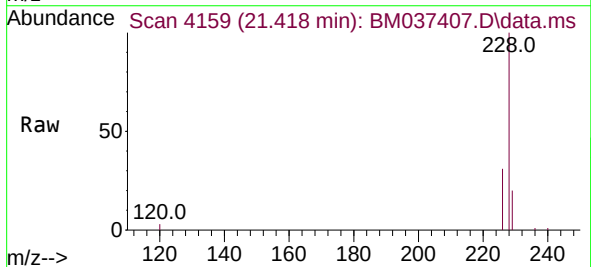
Instrument :
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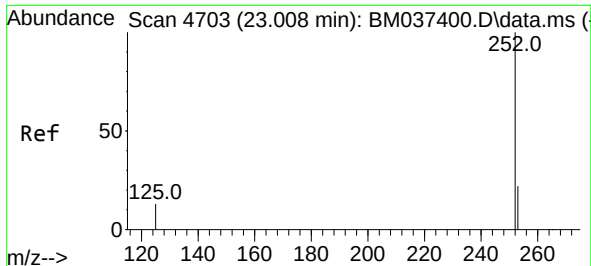
Tgt Ion:228 Resp: 28984
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.3 22.6 33.8



#22
Chrysene
Concen: 0.491 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

Tgt Ion:228 Resp: 31535
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.8 15.6 23.4

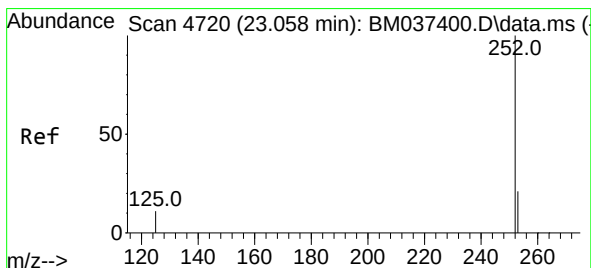
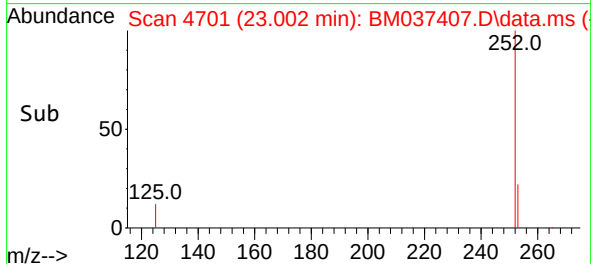
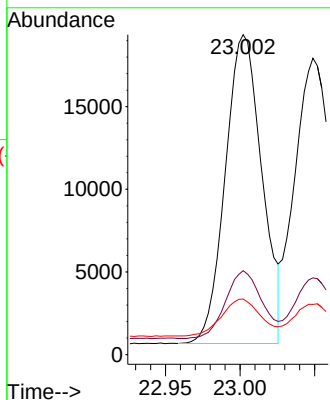
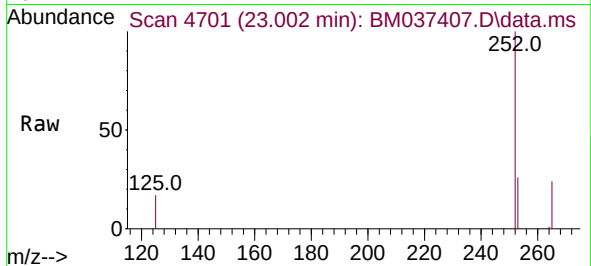




#24
Benzo(b)fluoranthene
Concen: 0.497 ng/ul
RT: 23.002 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

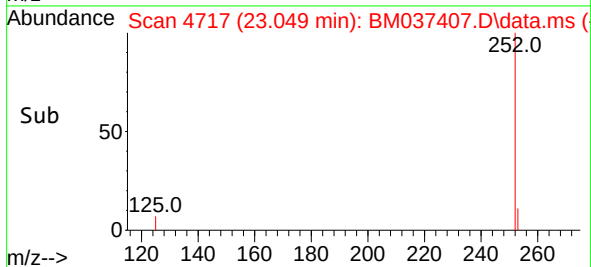
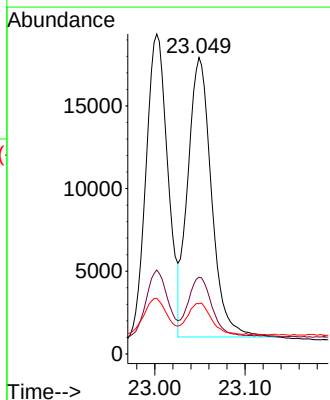
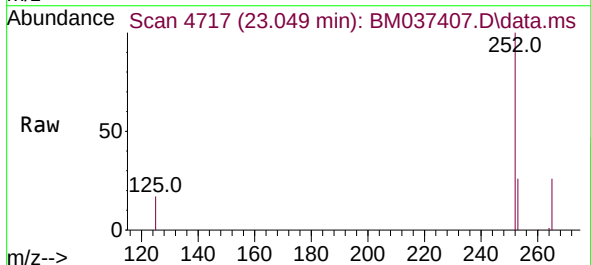
Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

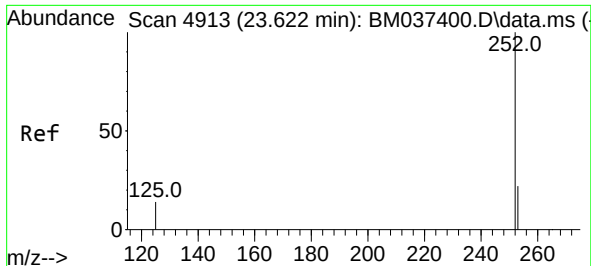
Tgt Ion:252 Resp: 31899
Ion Ratio Lower Upper
252 100
253 26.2 0.0 52.6
125 17.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.502 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

Tgt Ion:252 Resp: 30844
Ion Ratio Lower Upper
252 100
253 25.9 21.6 32.4
125 16.9 13.8 20.8

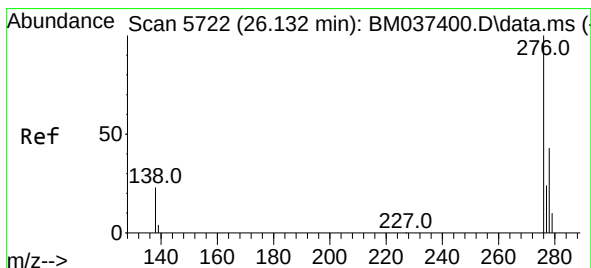
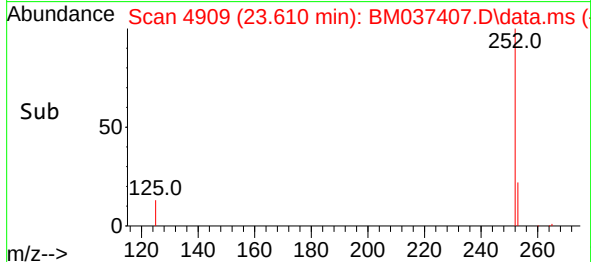
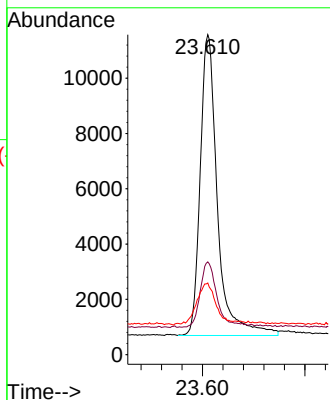
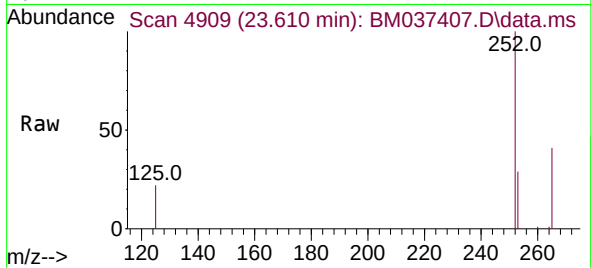




#26
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.610 min Scan# 4913
Delta R.T. -0.009 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

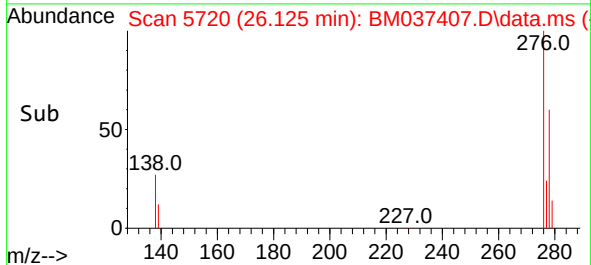
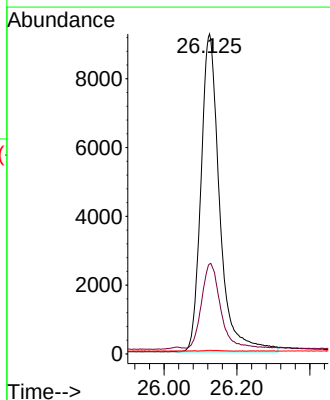
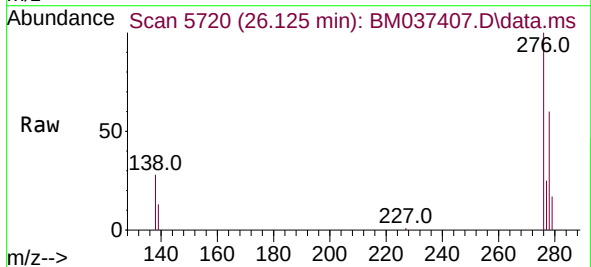
Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

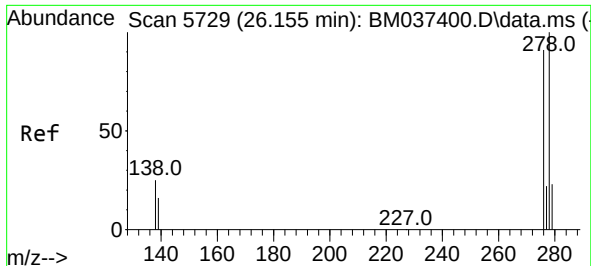
Tgt Ion:252 Resp: 25336
Ion Ratio Lower Upper
252 100
253 29.0 23.8 35.6
125 22.4 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng/ul
RT: 26.125 min Scan# 5720
Delta R.T. -0.013 min
Lab File: BM037407.D
Acq: 08 Nov 2022 01:03

Tgt Ion:276 Resp: 32833
Ion Ratio Lower Upper
276 100
138 27.5 20.8 31.2
227 0.2 0.1 0.1#

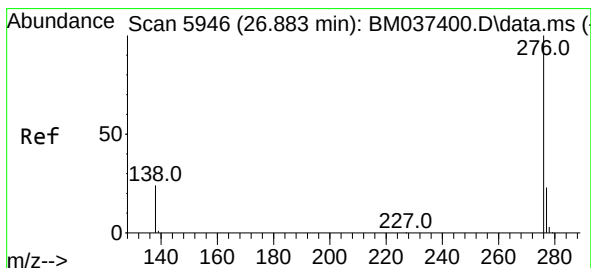
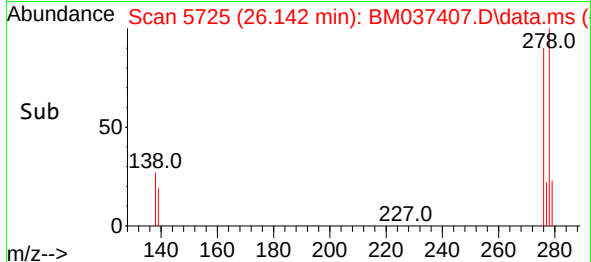
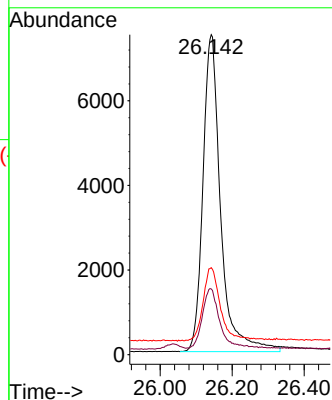
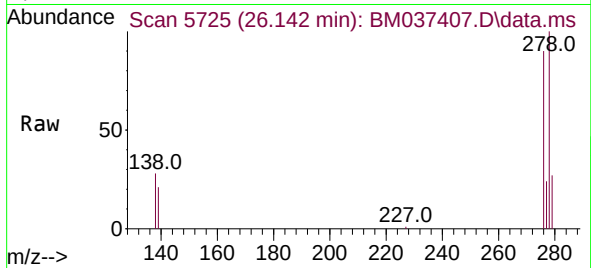




#28
 Dibenzo(a,h)anthracene
 Concen: 0.464 ng/ul
 RT: 26.142 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BM037407.D
 Acq: 08 Nov 2022 01:03

Instrument :
 BNA_M
 ClientSampleId :
 EW4Z2MS

Tgt Ion:278 Resp: 25555
 Ion Ratio Lower Upper
 278 100
 139 20.5 15.2 22.8
 279 27.2 22.2 33.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.454 ng/ul
 RT: 26.863 min Scan# 5940
 Delta R.T. -0.017 min
 Lab File: BM037407.D
 Acq: 08 Nov 2022 01:03

Tgt Ion:276 Resp: 28083
 Ion Ratio Lower Upper
 276 100
 138 26.1 19.6 29.4
 277 24.2 20.1 30.1

