

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037408.D
 Acq On : 08 Nov 2022 01:39
 Operator : CG/JU
 Sample : N5407-15MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4Z2MSD

Quant Time: Nov 08 03:20:44 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)

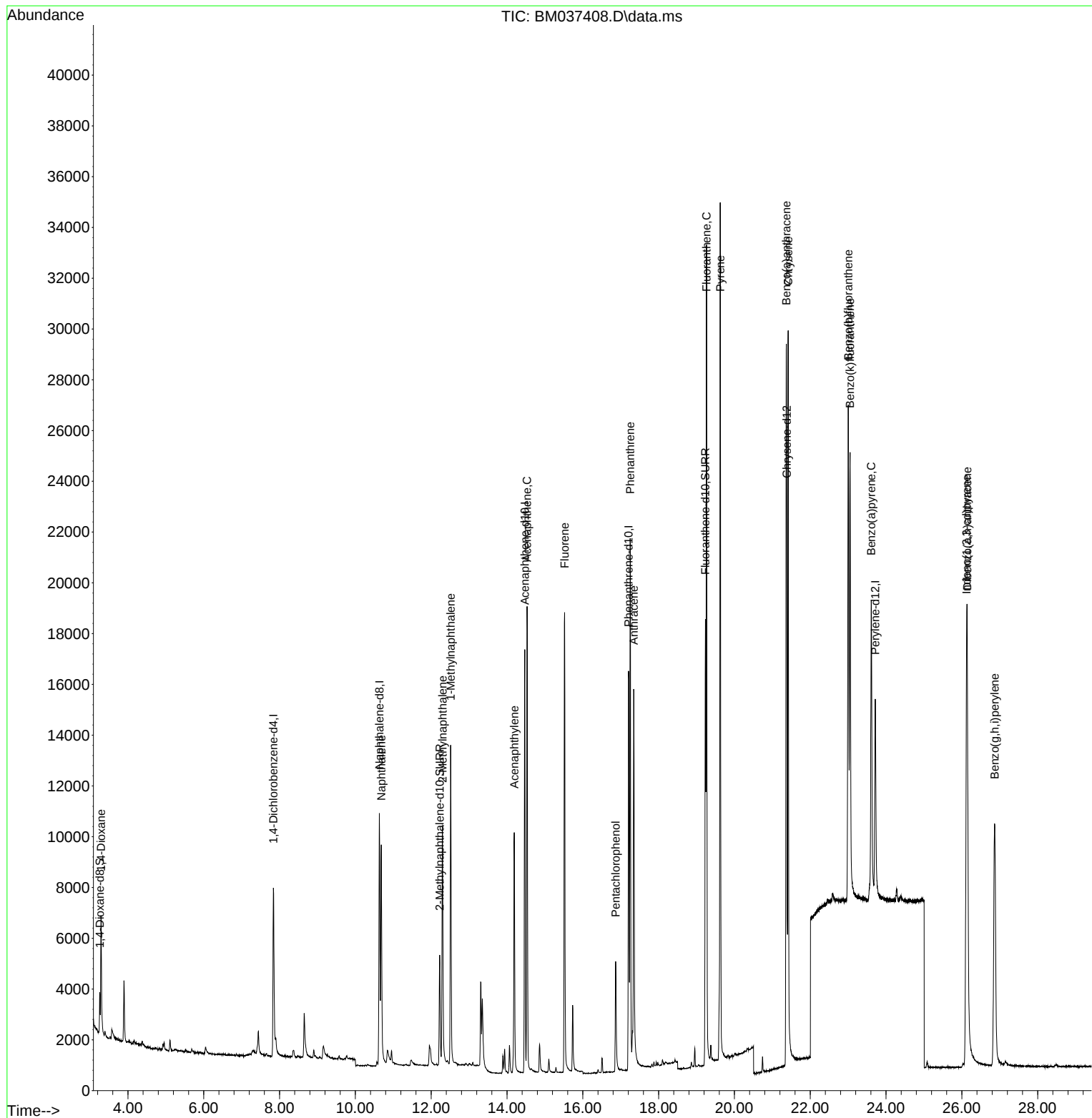
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	4665	0.400	ng/u1	0.00
4) Naphthalene-d8	10.633	136	15385	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.469	164	9016	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.208	188	18682	0.400	ng/u1	0.00
17) Chrysene-d12	21.380	240	12950	0.400	ng/u1	0.00
23) Perylene-d12	23.715	264	10953	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	1024	0.173	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.222	152	6624	0.286	ng/u1	0.00
18) Fluoranthene-d10	19.233	212	17834	0.440	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.289	88	3089	0.528	ng/u1	94
5) Naphthalene	10.683	128	12980	0.291	ng/u1	99
7) 2-Methylnaphthalene	12.299	142	8151	0.292	ng/u1	98
8) 1-Methylnaphthalene	12.514	142	8870	0.309	ng/u1	100
10) Acenaphthylene	14.191	152	11763	0.306	ng/u1	99
11) Acenaphthene	14.529	153	10482	0.309	ng/u1	99
12) Fluorene	15.519	166	12388	0.319	ng/u1	100
14) Pentachlorophenol	16.866	266	3572	0.724	ng/u1	100
15) Phenanthrene	17.250	178	22411	0.350	ng/u1	99
16) Anthracene	17.343	178	18550	0.356	ng/u1	99
19) Fluoranthene	19.261	202	27880	0.454	ng/u1	96
20) Pyrene	19.624	202	29132	0.453	ng/u1	99
21) Benzo(a)anthracene	21.366	228	22825	0.409	ng/u1	100
22) Chrysene	21.418	228	25155	0.404	ng/u1	99
24) Benzo(b)fluoranthene	23.002	252	25495	0.406	ng/u1	98
25) Benzo(k)fluoranthene	23.049	252	24595	0.409	ng/u1	98
26) Benzo(a)pyrene	23.610	252	20337	0.387	ng/u1	97
27) Indeno(1,2,3-cd)pyrene	26.125	276	26480	0.378	ng/u1#	98
28) Dibenzo(a,h)anthracene	26.141	278	20422	0.379	ng/u1	97
29) Benzo(g,h,i)perylene	26.862	276	22899	0.378	ng/u1	98

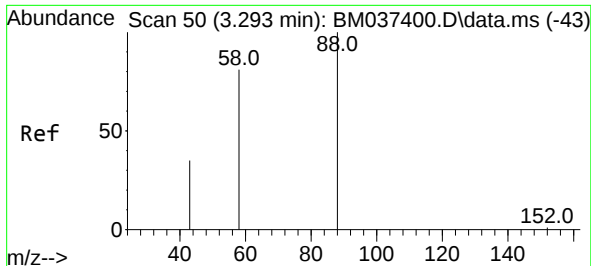
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 08 03:20:44 2022
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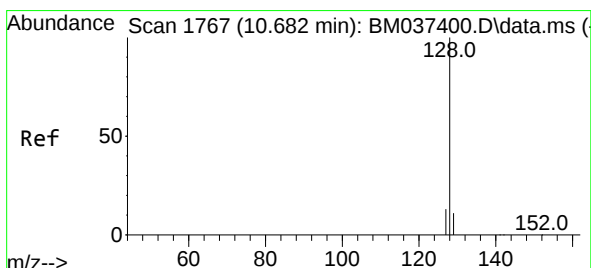
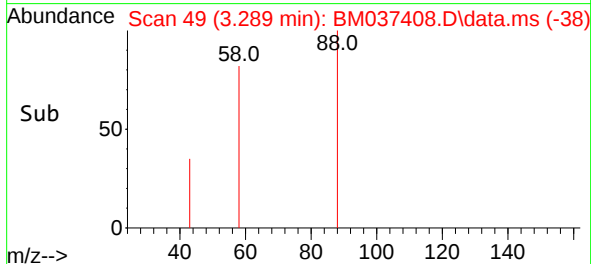
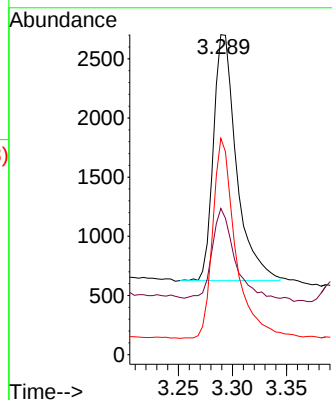
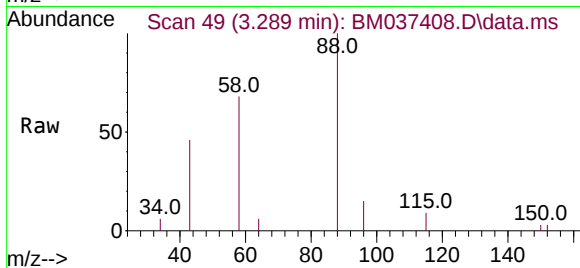




#2
1,4-Dioxane
Concen: 0.528 ng/ul
RT: 3.289 min Scan# 49
Delta R.T. -0.004 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

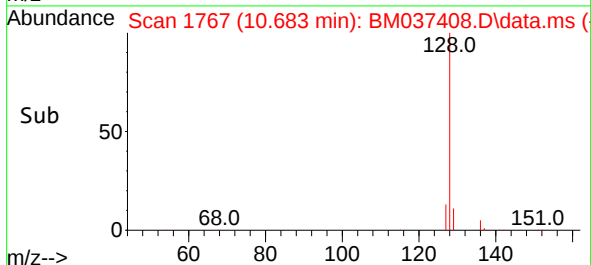
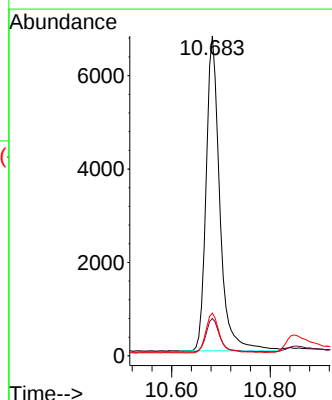
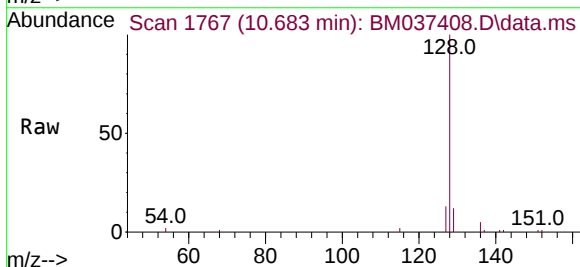
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

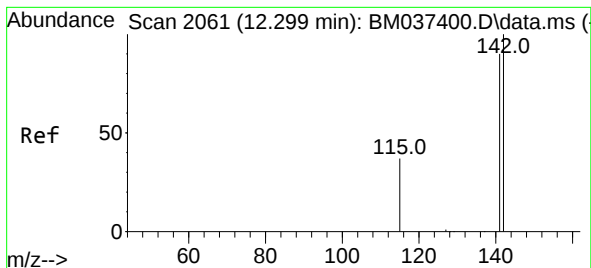
Tgt Ion: 88 Resp: 3089
Ion Ratio Lower Upper
88 100
43 45.7 39.9 59.9
58 67.6 50.2 75.2



#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion: 128 Resp: 12980
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.4 10.2 15.4

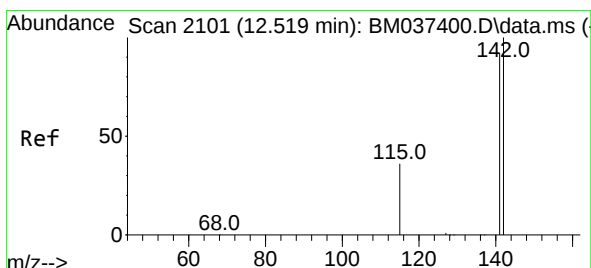
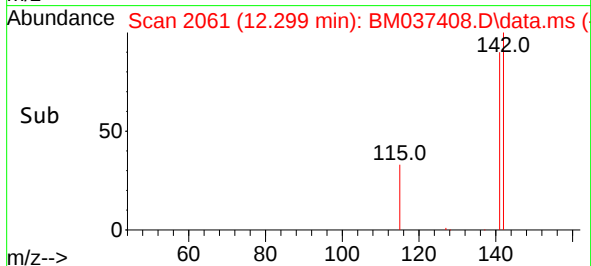
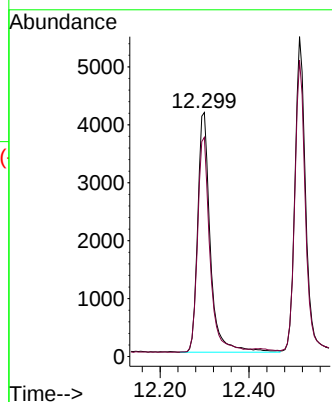
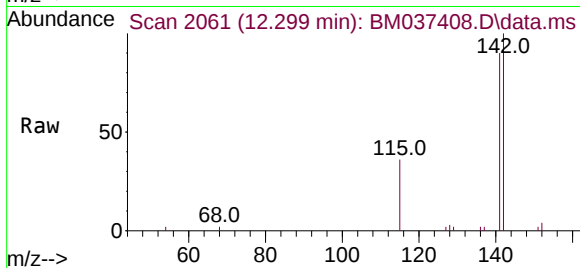




#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

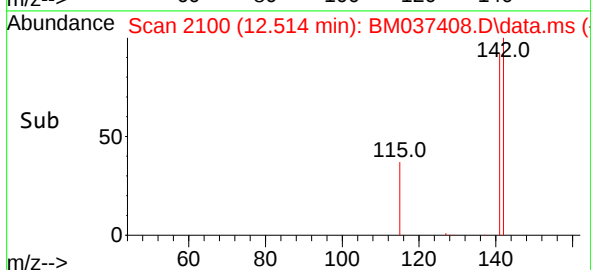
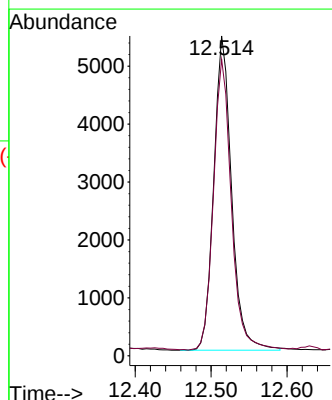
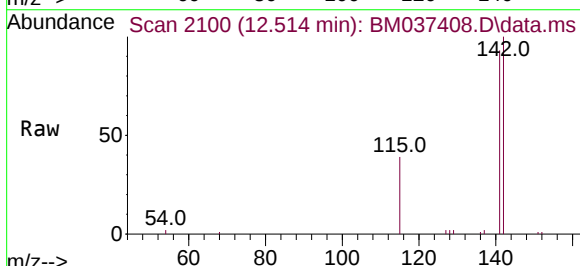
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

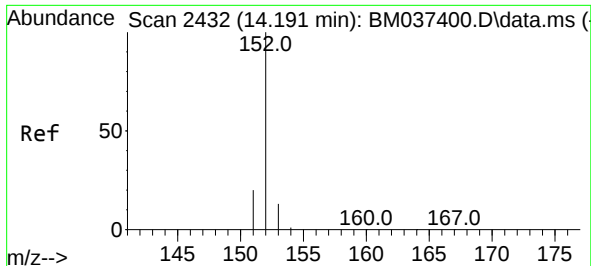
Tgt Ion:142 Resp: 8151
Ion Ratio Lower Upper
142 100
141 90.4 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion:142 Resp: 8870
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

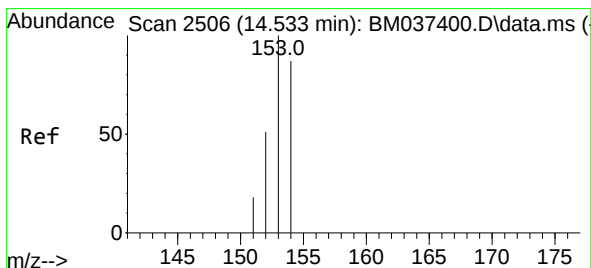
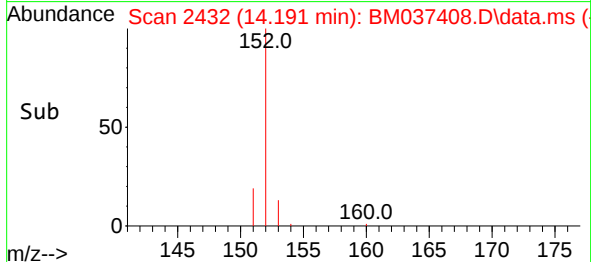
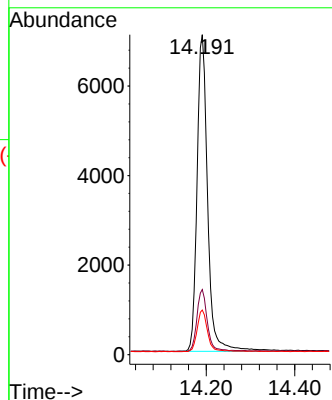
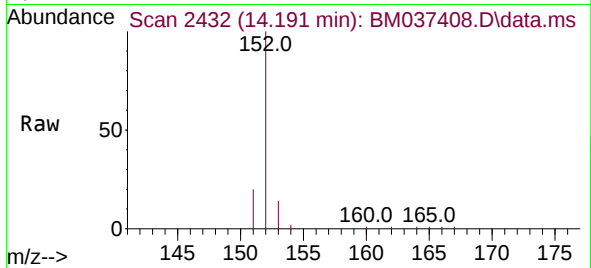




#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

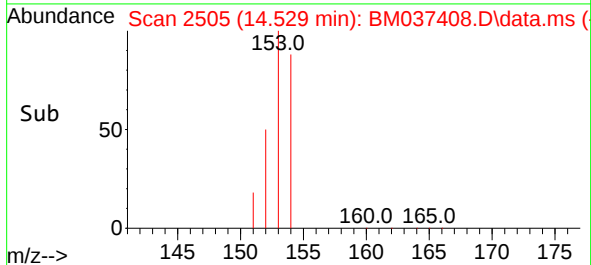
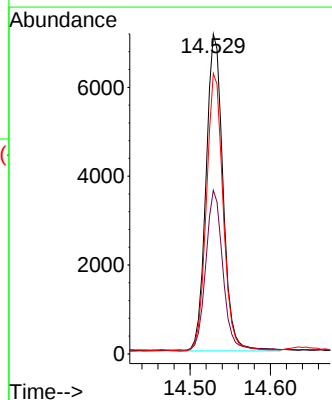
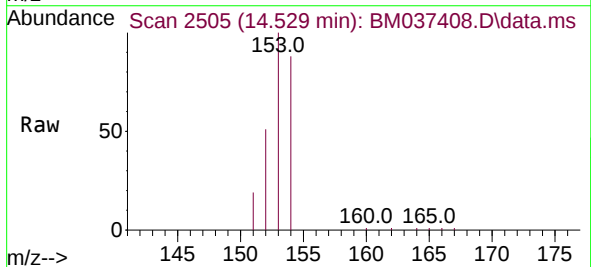
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

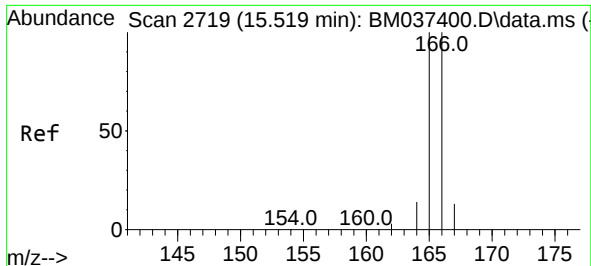
Tgt Ion:152 Resp: 11763
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.9 11.0 16.4



#11
Acenaphthene
Concen: 0.309 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion:153 Resp: 10482
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 87.6 70.4 105.6

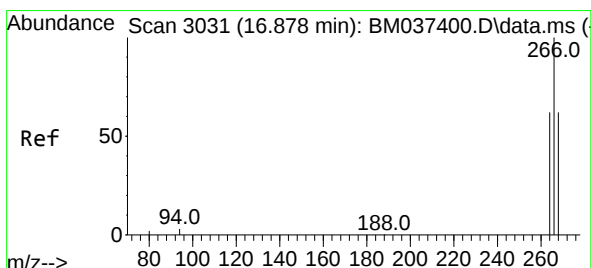
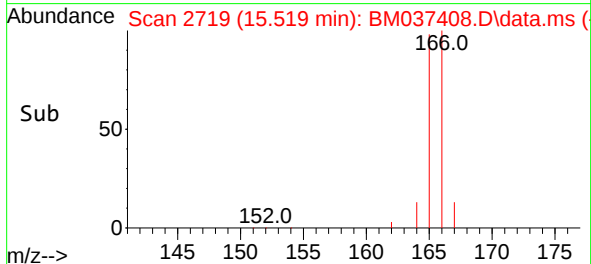
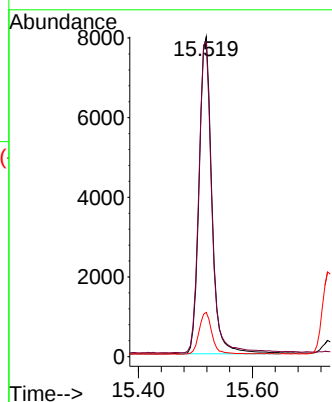
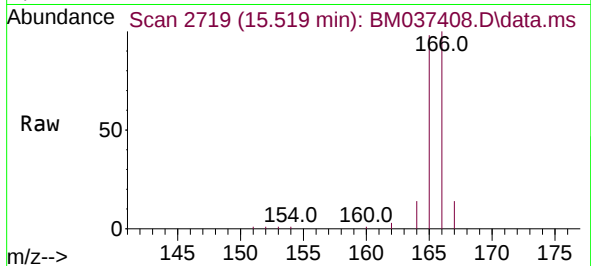




#12
 Fluorene
 Concen: 0.319 ng/ul
 RT: 15.519 min Scan# 2719
 Delta R.T. -0.005 min
 Lab File: BM037408.D
 Acq: 08 Nov 2022 01:39

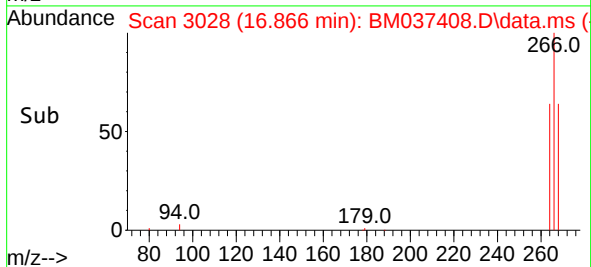
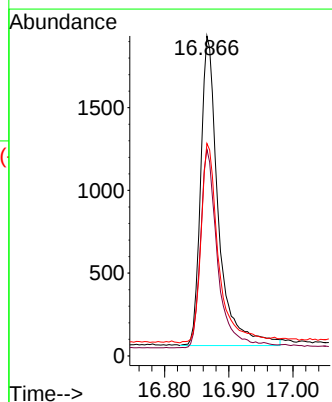
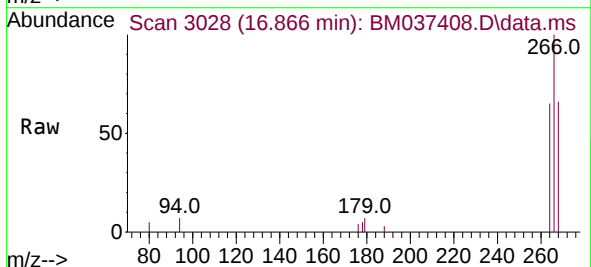
Instrument :
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 ClientSampleId :
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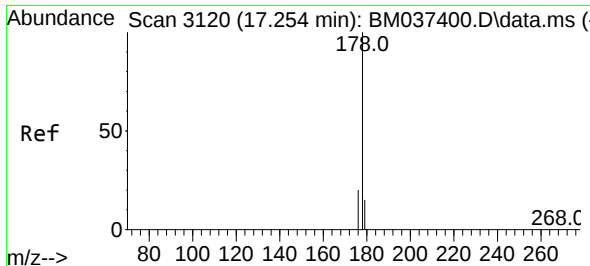
Tgt Ion:	166	Resp:	12388
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.0	118.4
167	13.8	11.1	16.7



#14
 Pentachlorophenol
 Concen: 0.724 ng/ul
 RT: 16.866 min Scan# 3028
 Delta R.T. -0.013 min
 Lab File: BM037408.D
 Acq: 08 Nov 2022 01:39

Tgt Ion:	266	Resp:	3572
Ion Ratio	Lower	Upper	
266	100		
264	62.7	49.9	74.9
268	64.9	51.9	77.9

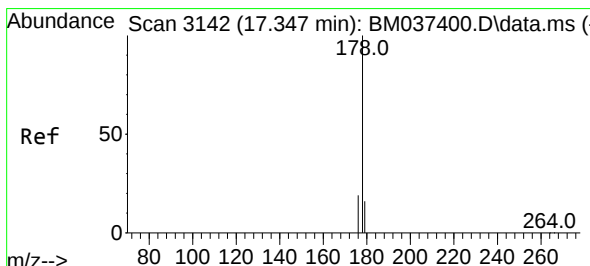
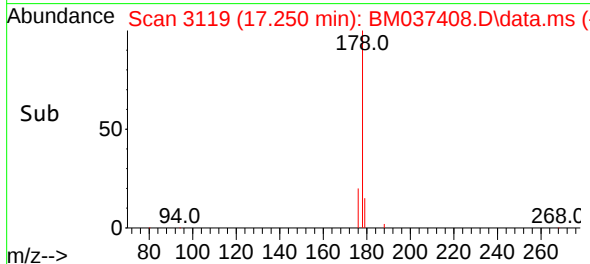
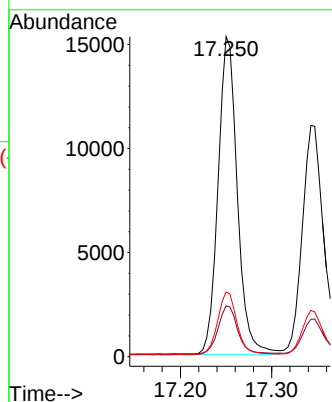
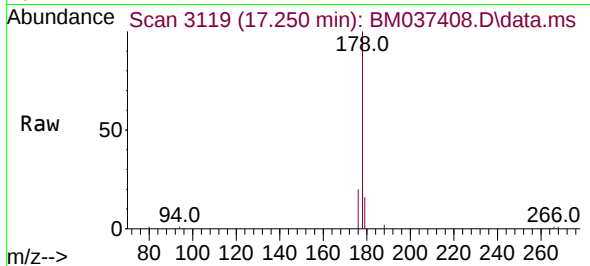




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

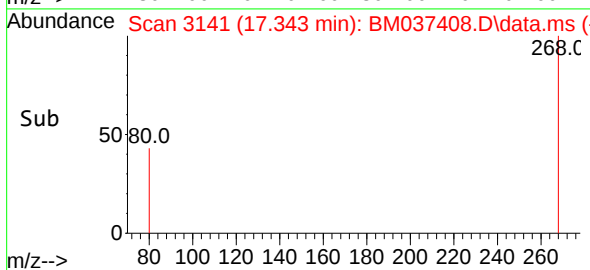
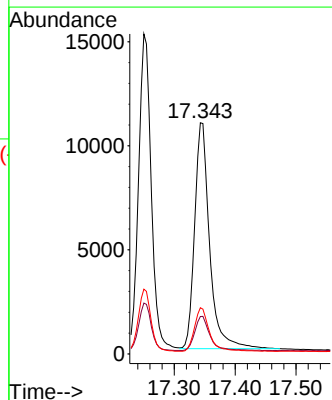
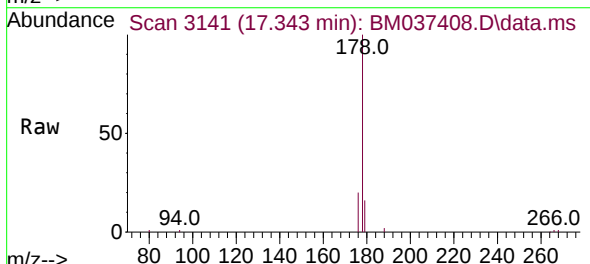
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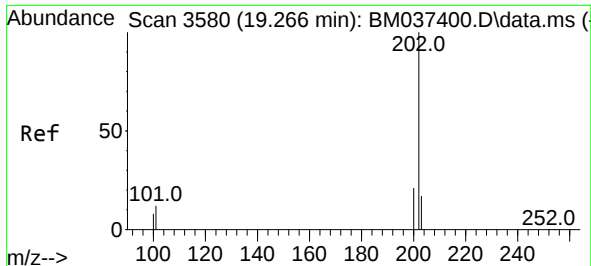
Tgt Ion:178 Resp: 22411
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion:178 Resp: 18550
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 20.0 15.5 23.3

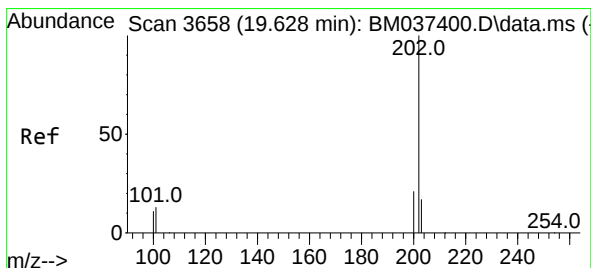
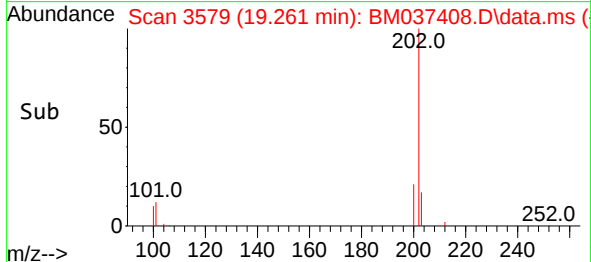
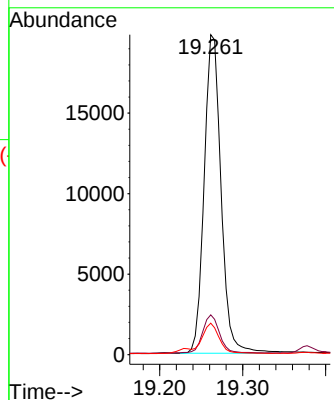
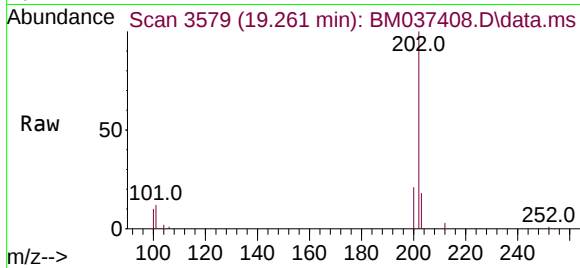




#19
Fluoranthene
Concen: 0.454 ng/ul
RT: 19.261 min Scan# 3579
Delta R.T. -0.009 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

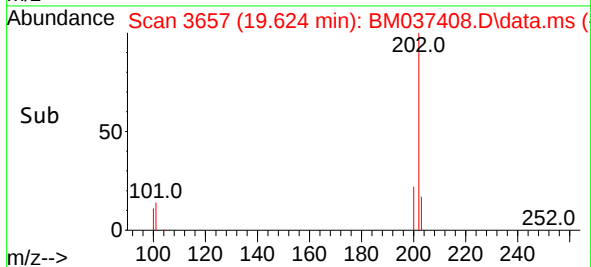
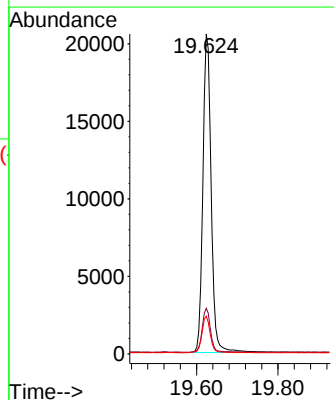
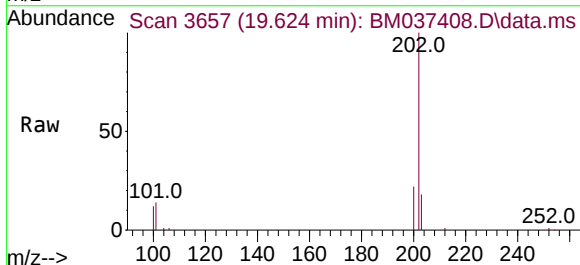
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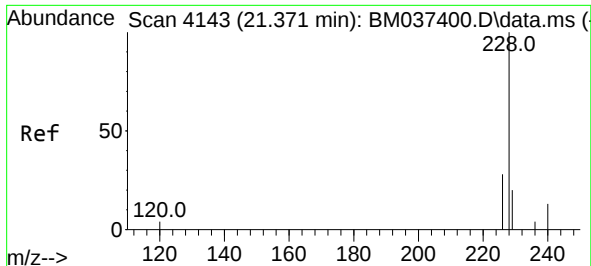
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Ion Ratio Lower Upper
202 100
101 12.4 8.7 13.1
100 9.8 6.6 10.0



#20
Pyrene
Concen: 0.453 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion:202 Resp: 29132
Ion Ratio Lower Upper
202 100
101 14.2 11.1 16.7
100 11.8 9.0 13.4

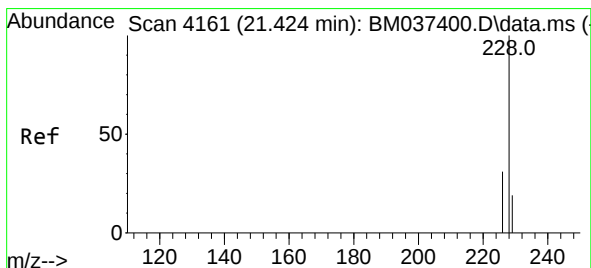
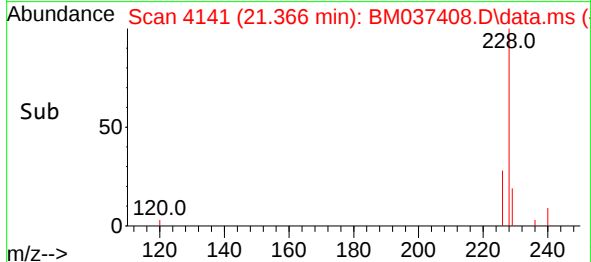
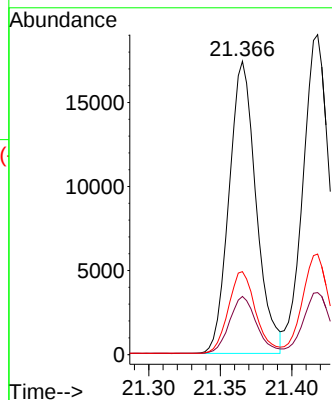
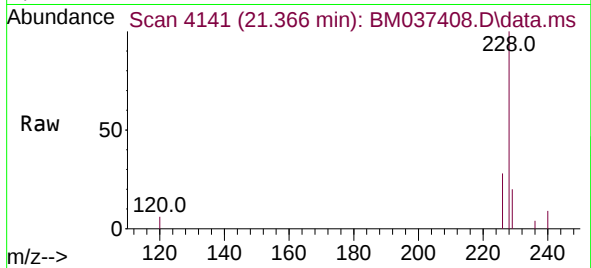




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.366 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

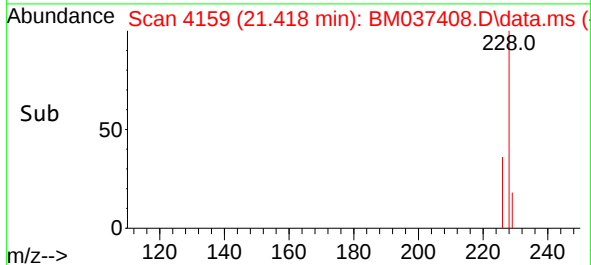
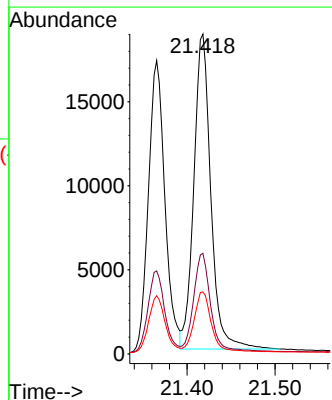
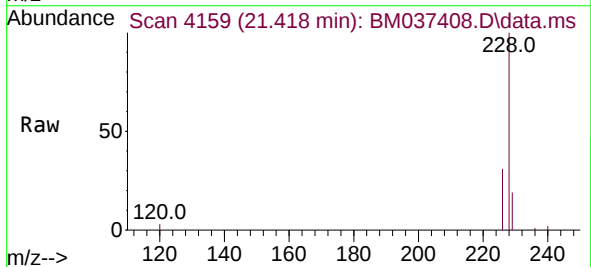
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

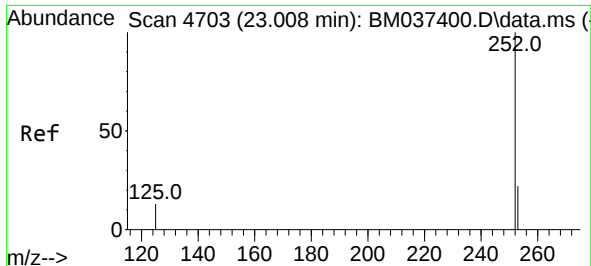
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Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.3 22.6 33.8



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion:228 Resp: 25155
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 19.4 15.6 23.4

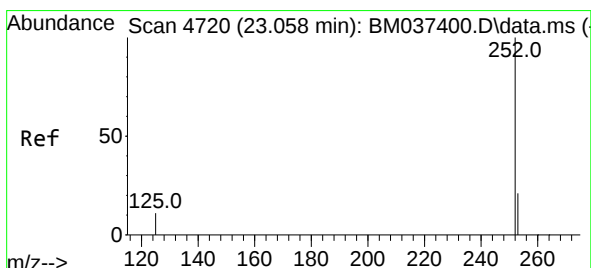
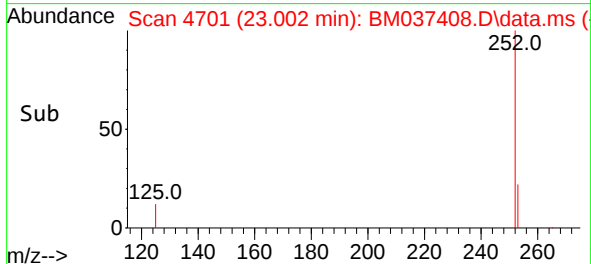
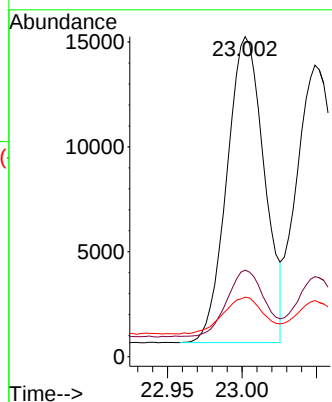
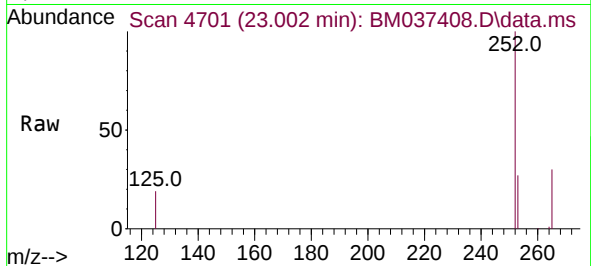




#24
Benzo(b)fluoranthene
Concen: 0.406 ng/ul
RT: 23.002 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

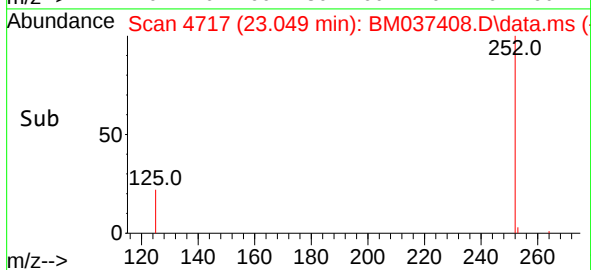
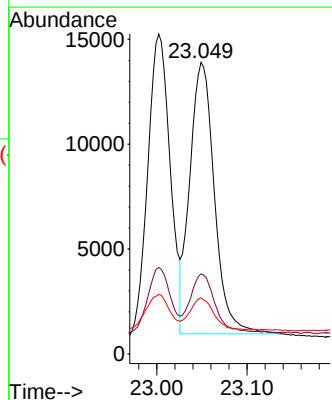
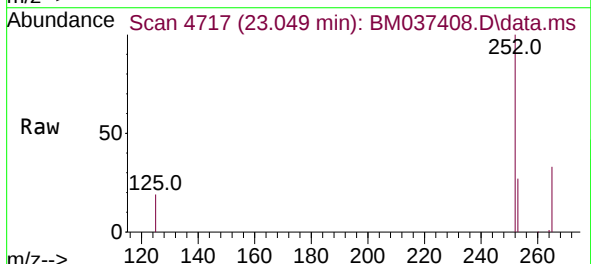
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

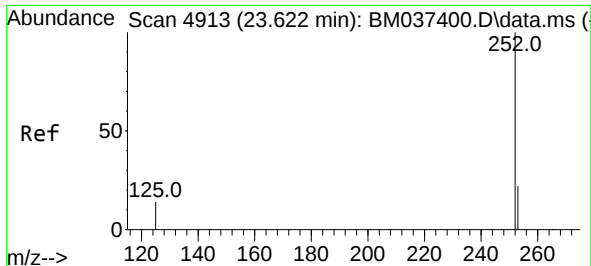
Tgt Ion:252 Resp: 25495
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.6
125 18.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion:252 Resp: 24595
Ion Ratio Lower Upper
252 100
253 27.4 21.6 32.4
125 19.2 13.8 20.8

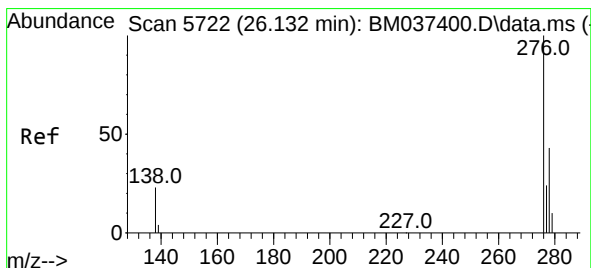
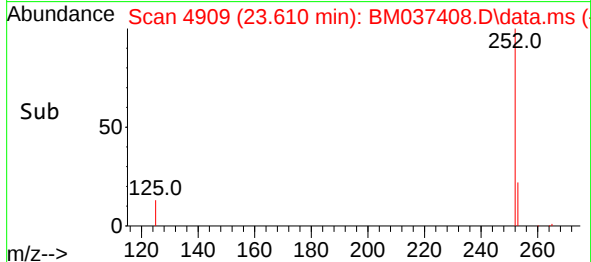
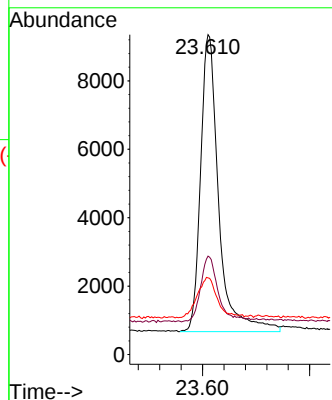
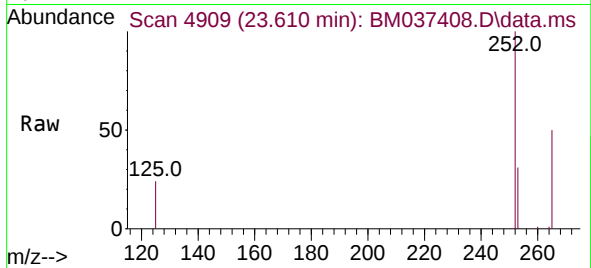




#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.610 min Scan# 4913
Delta R.T. -0.009 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

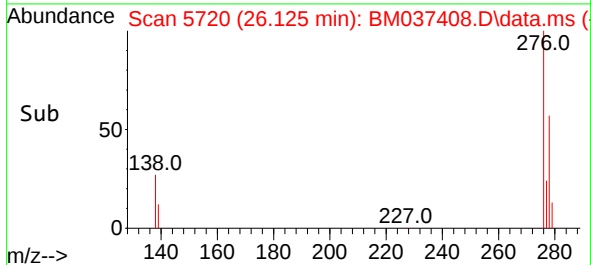
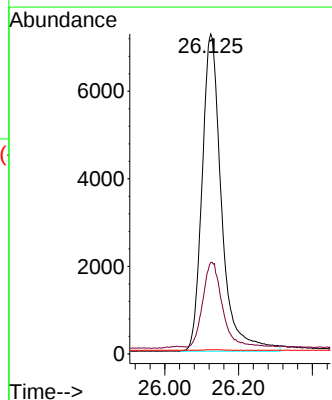
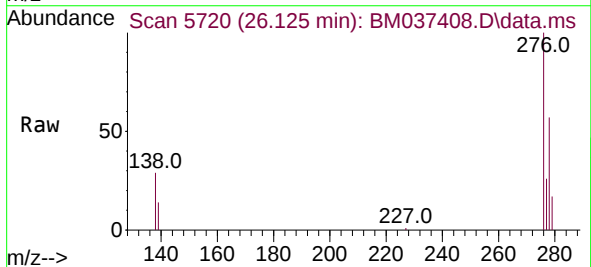
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

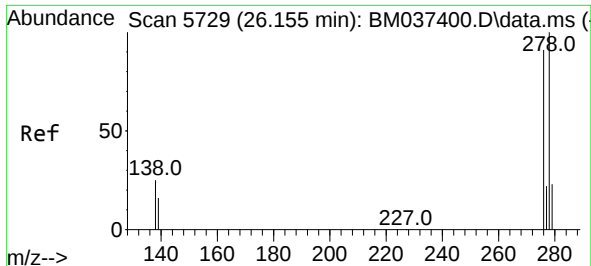
Tgt Ion:252 Resp: 20337
Ion Ratio Lower Upper
252 100
253 30.8 23.8 35.6
125 24.0 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 26.125 min Scan# 5720
Delta R.T. -0.014 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion:276 Resp: 26480
Ion Ratio Lower Upper
276 100
138 26.9 20.8 31.2
227 0.2 0.1 0.1#

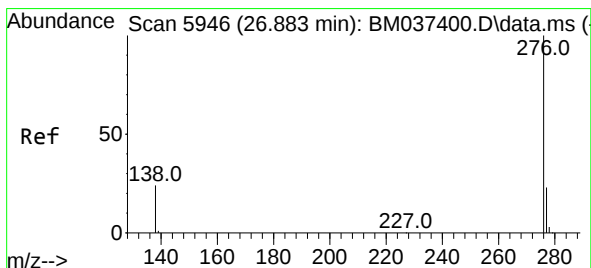
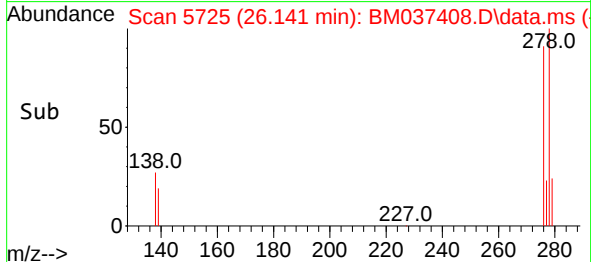
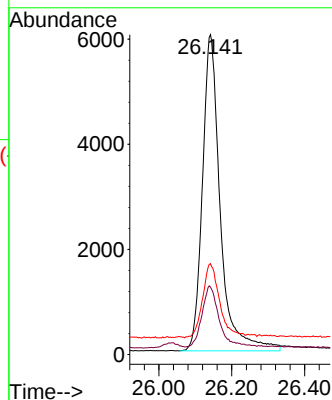
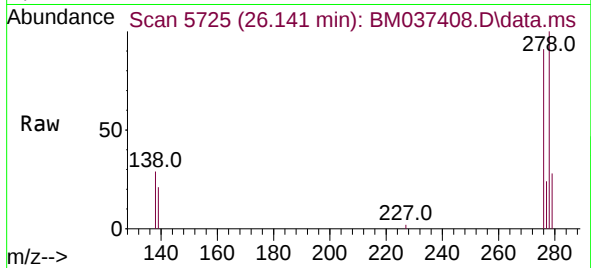




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.141 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

Tgt Ion:278 Resp: 20422
Ion Ratio Lower Upper
278 100
139 21.1 15.2 22.8
279 28.4 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 26.862 min Scan# 5940
Delta R.T. -0.017 min
Lab File: BM037408.D
Acq: 08 Nov 2022 01:39

Tgt Ion:276 Resp: 22899
Ion Ratio Lower Upper
276 100
138 26.4 19.6 29.4
277 25.0 20.1 30.1

