

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037599.D
 Acq On : 19 Nov 2022 13:20
 Operator : CG/JU
 Sample : PB149168BS
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS168

Quant Time: Nov 20 23:48:15 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)

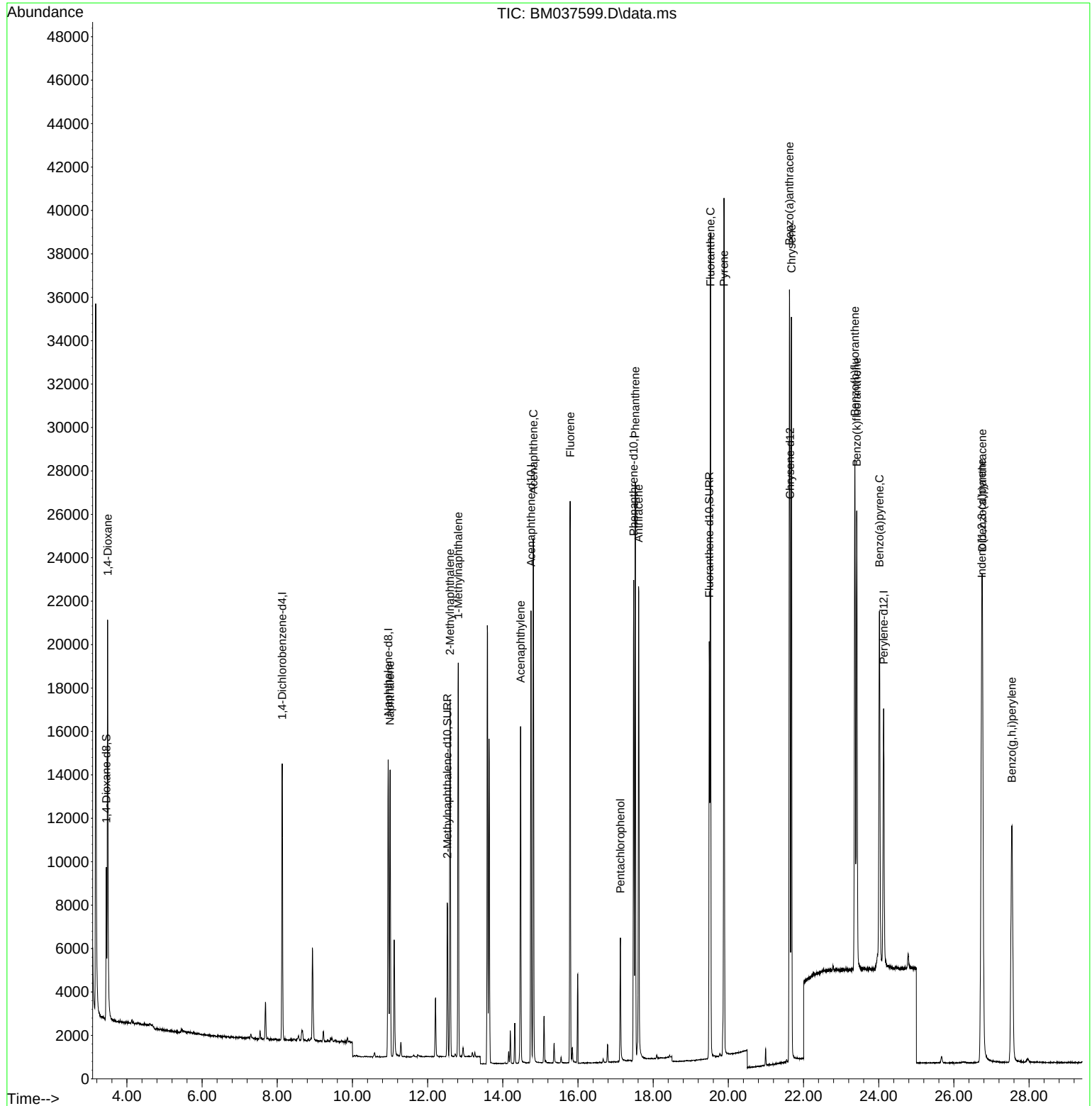
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	6386	0.400	ng/ul	0.00
4) Naphthalene-d8	10.952	136	17639	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.751	164	10675	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.482	188	24245	0.400	ng/ul	0.00
17) Chrysene-d12	21.643	240	18084	0.400	ng/ul	0.00
23) Perylene-d12	24.131	264	16441	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	4554	0.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.525	152	8743	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.494	212	19561	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	11856	1.534	ng/ul#	51
5) Naphthalene	11.001	128	17209	0.321	ng/ul	98
7) 2-Methylnaphthalene	12.596	142	11154	0.306	ng/ul	100
8) 1-Methylnaphthalene	12.816	142	12041	0.323	ng/ul	100
10) Acenaphthylene	14.473	152	16905	0.285	ng/ul	100
11) Acenaphthene	14.811	153	13573	0.328	ng/ul	99
12) Fluorene	15.792	166	15973	0.321	ng/ul	100
14) Pentachlorophenol	17.127	266	3808	0.700	ng/ul	100
15) Phenanthrene	17.524	178	27391	0.330	ng/ul	100
16) Anthracene	17.613	178	24212	0.303	ng/ul	99
19) Fluoranthene	19.526	202	31706	0.363	ng/ul	98
20) Pyrene	19.884	202	32559	0.359	ng/ul	97
21) Benzo(a)anthracene	21.625	228	27866	0.345	ng/ul	100
22) Chrysene	21.678	228	30169	0.376	ng/ul	100
24) Benzo(b)fluoranthene	23.367	252	30537	0.407	ng/ul	93
25) Benzo(k)fluoranthene	23.417	252	29144	0.385	ng/ul#	96
26) Benzo(a)pyrene	24.019	252	25575	0.392	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.739	276	32047	0.371	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.759	278	25222	0.372	ng/ul	97
29) Benzo(g,h,i)perylene	27.540	276	25894	0.353	ng/ul	97

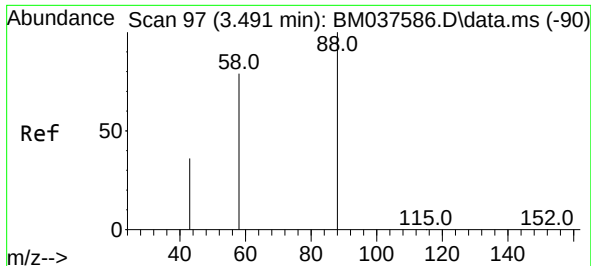
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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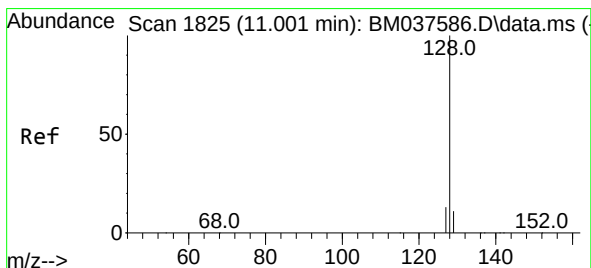
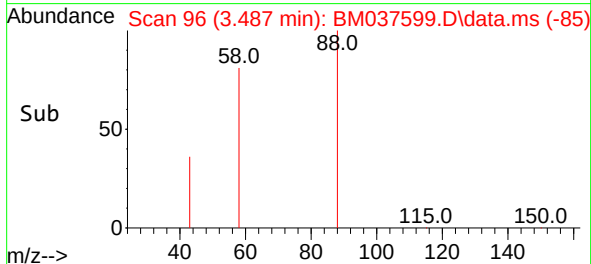
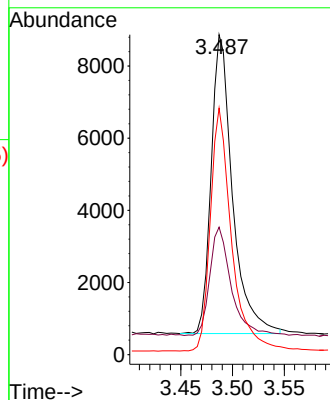
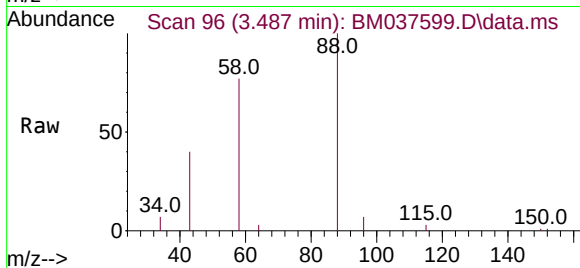




#2
1,4-Dioxane
Concen: 1.534 ng/ul
RT: 3.487 min Scan# 96
Delta R.T. -0.004 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

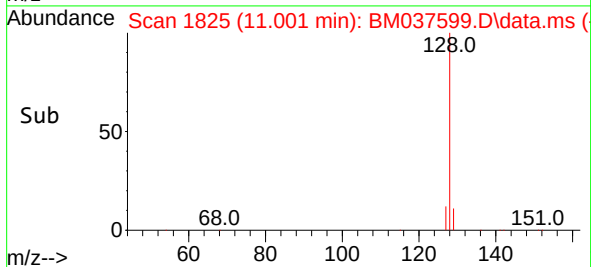
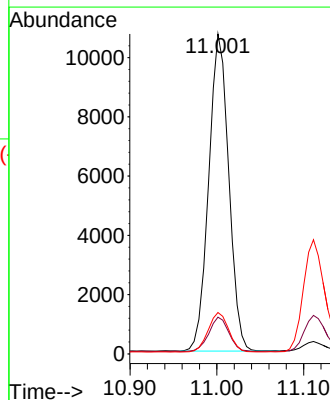
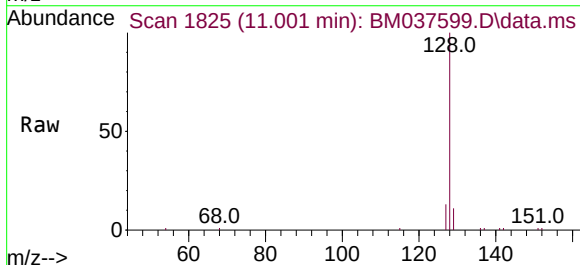
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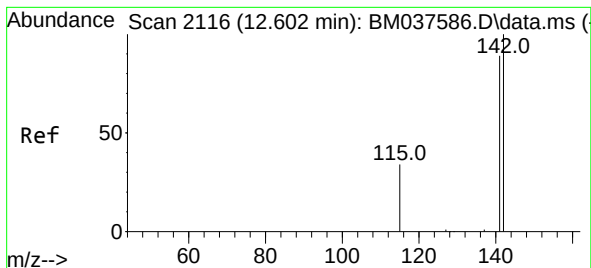
Tgt Ion: 88 Resp: 11856
Ion Ratio Lower Upper
88 100
43 39.8 102.8 154.2#
58 77.0 67.3 100.9



#5
Naphthalene
Concen: 0.321 ng/ul
RT: 11.001 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

Tgt Ion: 128 Resp: 17209
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 12.9 11.0 16.4

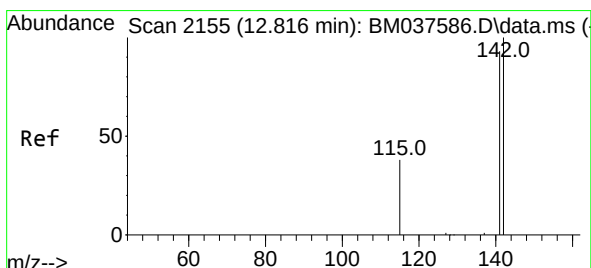
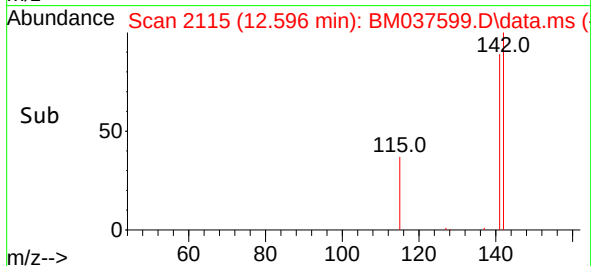
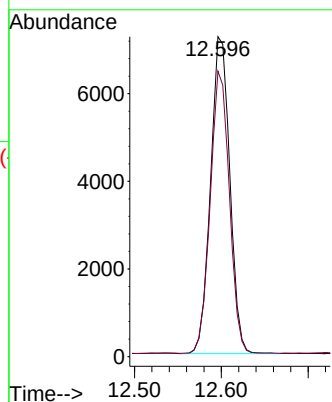
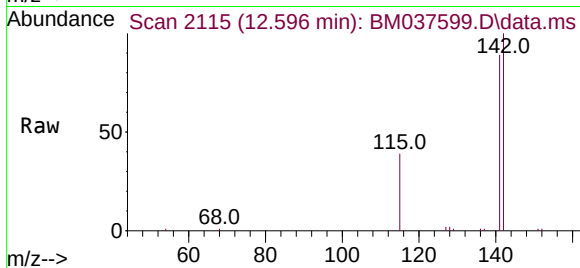




#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

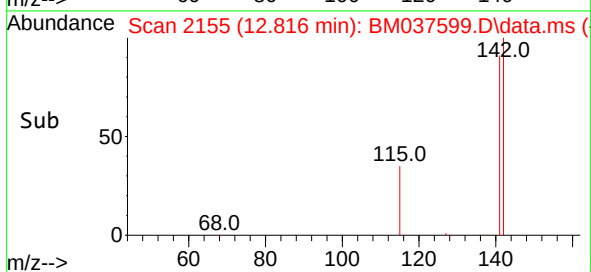
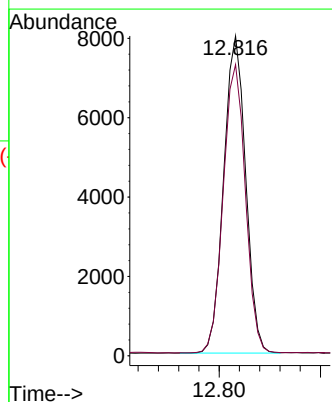
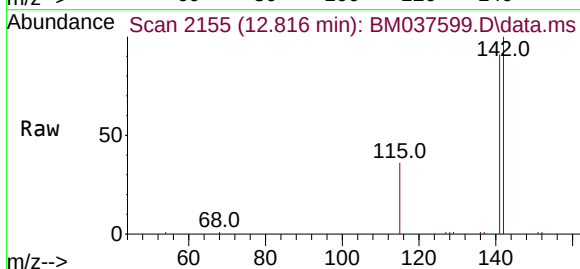
Instrument :
BNA_M
ClientSampleId :
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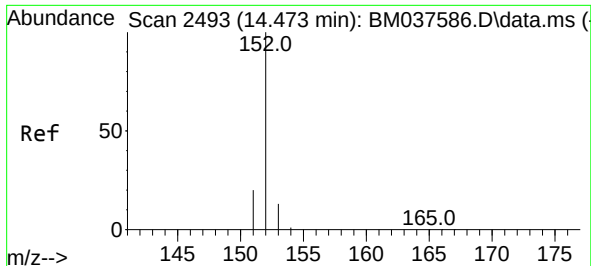
Tgt Ion:142 Resp: 11154
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.816 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

Tgt Ion:142 Resp: 12041
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0

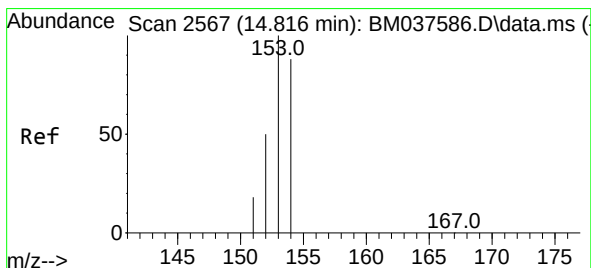
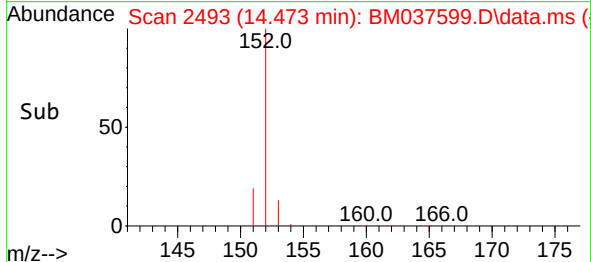
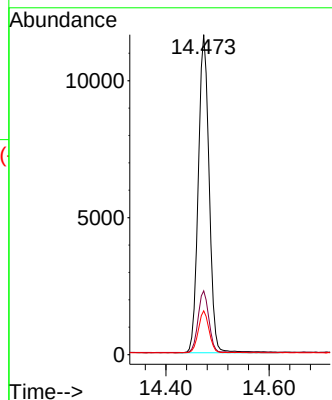
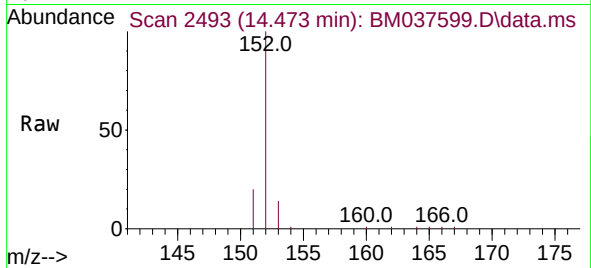




#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.473 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

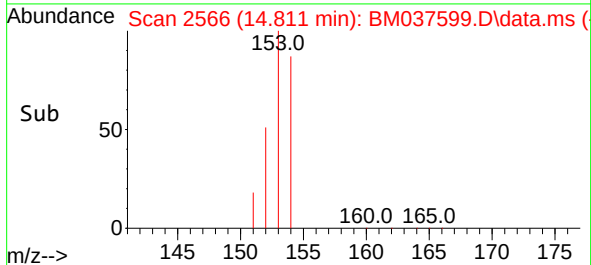
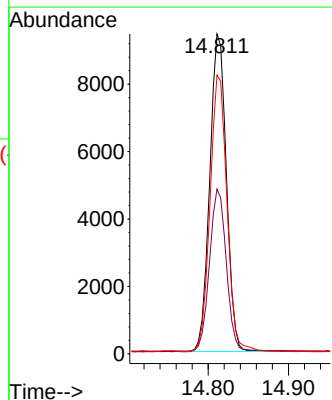
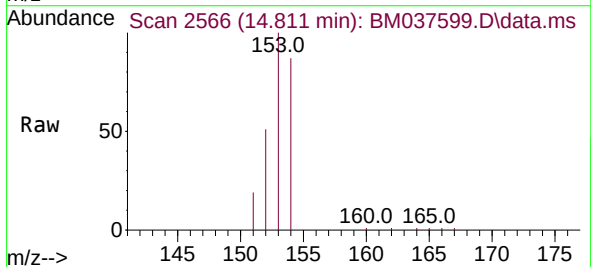
Instrument :
BNA_M
ClientSampleId :
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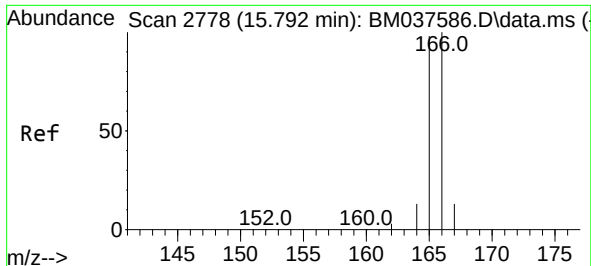
Tgt Ion:152	Resp:	16905
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.9 23.9
153	13.7	11.0 16.4



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.811 min Scan# 2566
Delta R.T. -0.005 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

Tgt Ion:153	Resp:	13573
Ion Ratio	Lower	Upper
153	100	
152	51.5	39.4 59.0
154	87.1	69.5 104.3

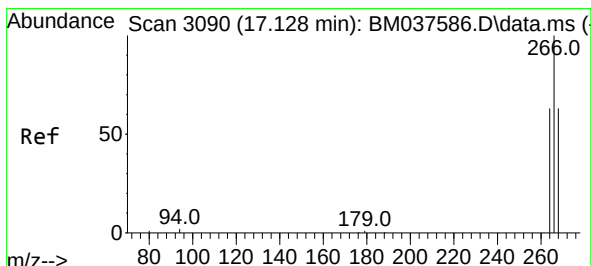
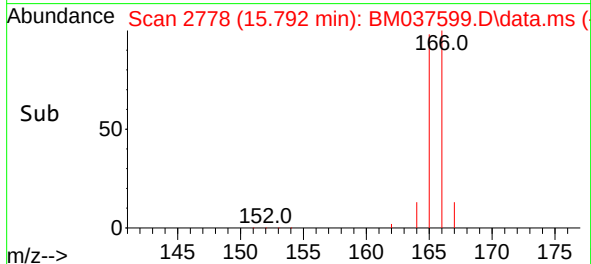
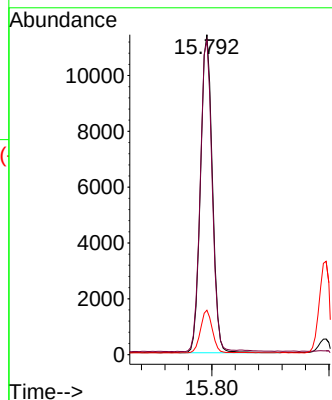
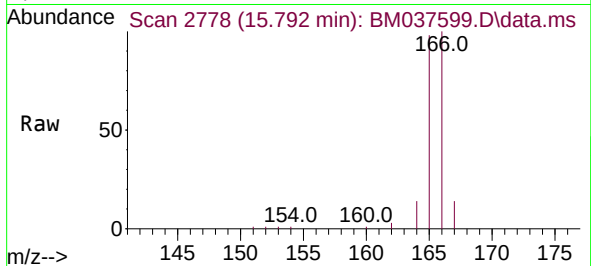




#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.792 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

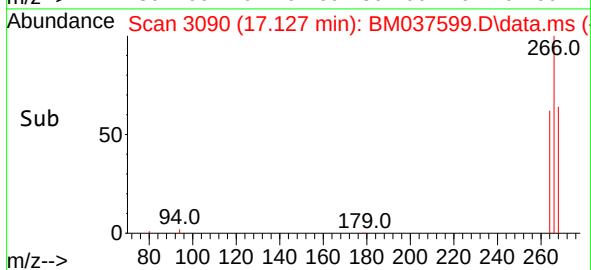
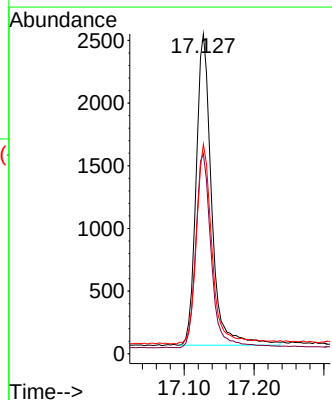
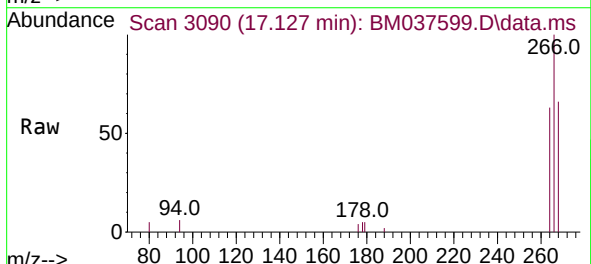
Instrument :
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ClientSampleId :
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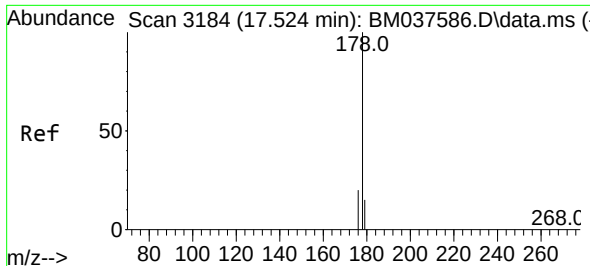
Tgt Ion:166 Resp: 15973
Ion Ratio Lower Upper
166 100
165 98.2 78.7 118.1
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.700 ng/ul
RT: 17.127 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

Tgt Ion:266 Resp: 3808
Ion Ratio Lower Upper
266 100
264 62.8 50.2 75.2
268 65.4 52.0 78.0

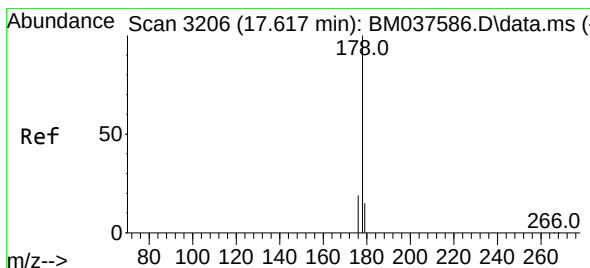
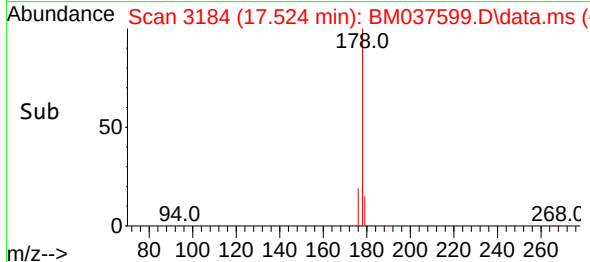
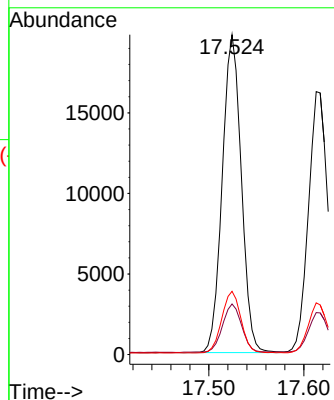
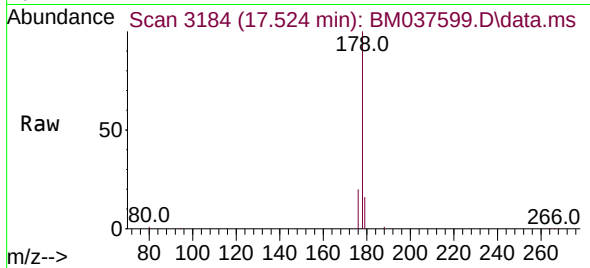




#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.524 min Scan# 3184
Delta R.T. -0.004 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

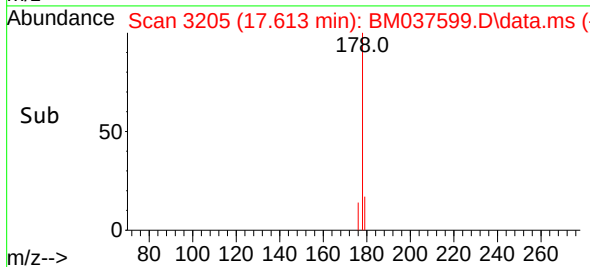
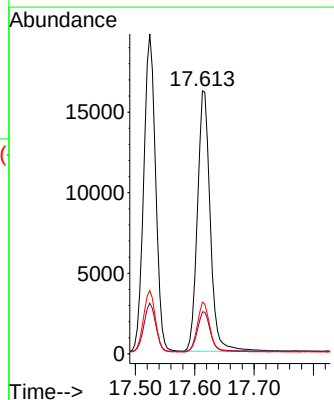
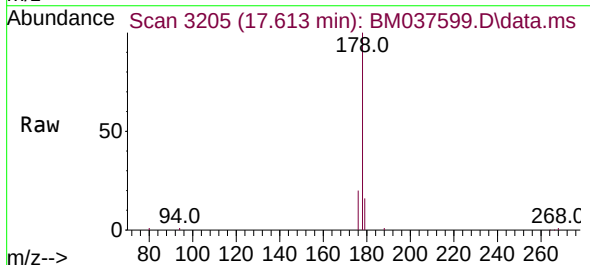
Instrument :
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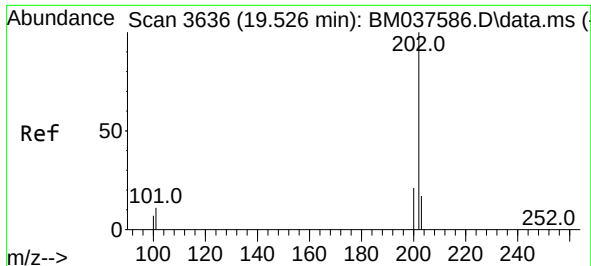
Tgt Ion:178 Resp: 27391
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.613 min Scan# 3205
Delta R.T. -0.004 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

Tgt Ion:178 Resp: 24212
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.7 15.0 22.6

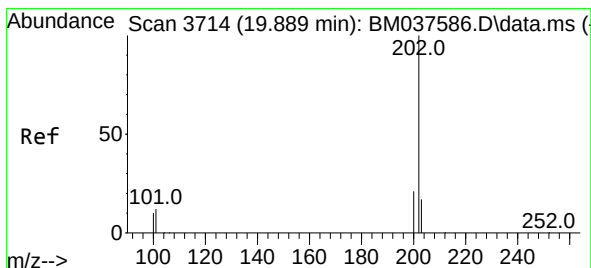
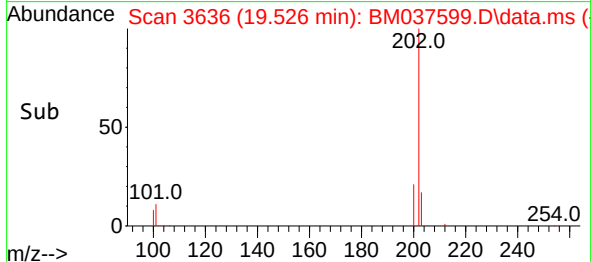
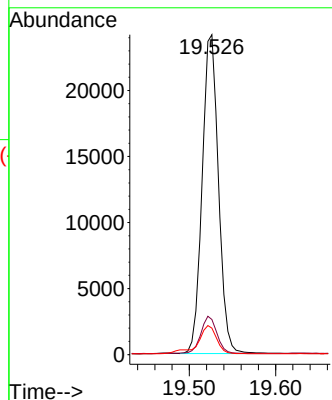
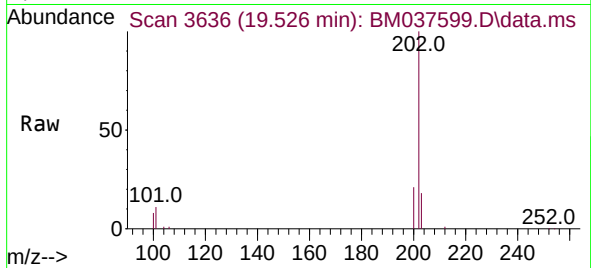




#19
 Fluoranthene
 Concen: 0.363 ng/ul
 RT: 19.526 min Scan# 3636
 Delta R.T. -0.005 min
 Lab File: BM037599.D
 Acq: 19 Nov 2022 13:20

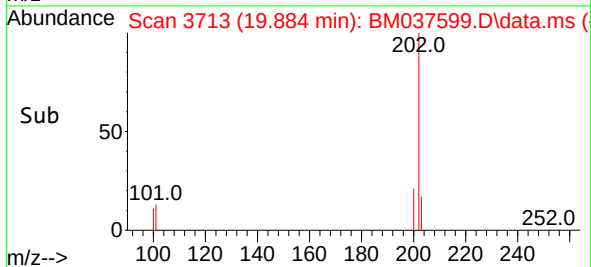
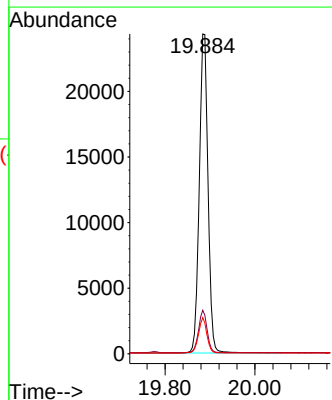
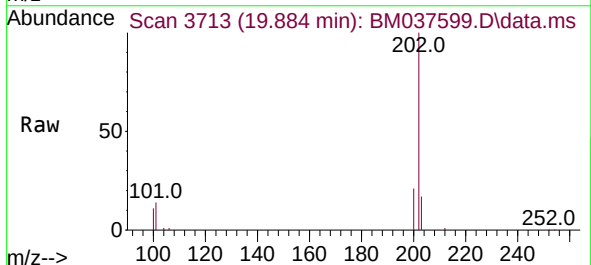
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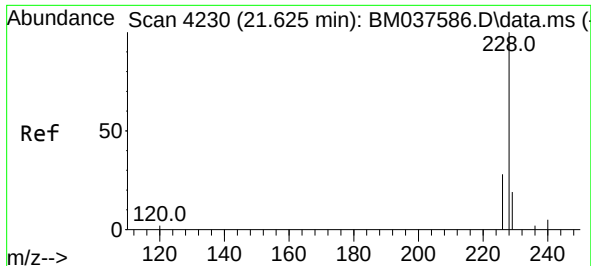
Tgt Ion:202 Resp: 31706
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.2 12.2
 100 8.3 6.1 9.1



#20
 Pyrene
 Concen: 0.359 ng/ul
 RT: 19.884 min Scan# 3713
 Delta R.T. -0.005 min
 Lab File: BM037599.D
 Acq: 19 Nov 2022 13:20

Tgt Ion:202 Resp: 32559
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.1 15.1
 100 11.3 8.0 12.0

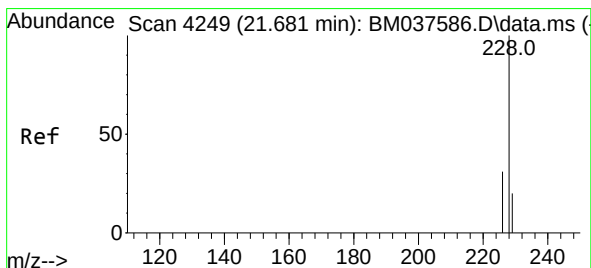
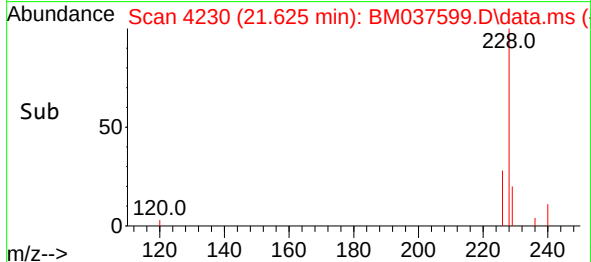
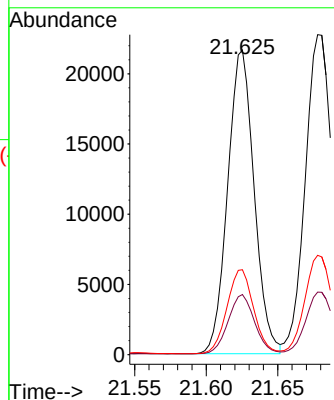
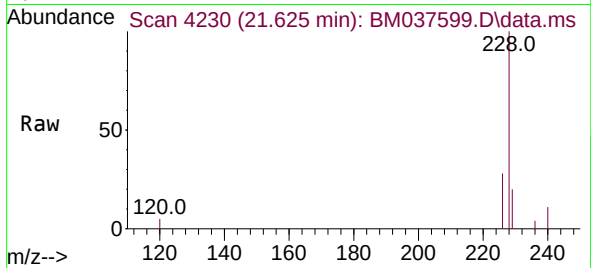




#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.625 min Scan# 4230
Delta R.T. -0.006 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

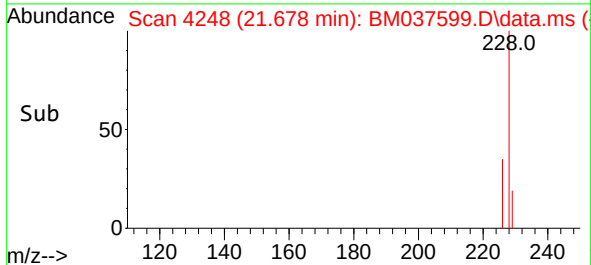
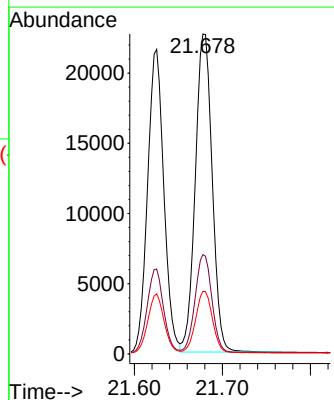
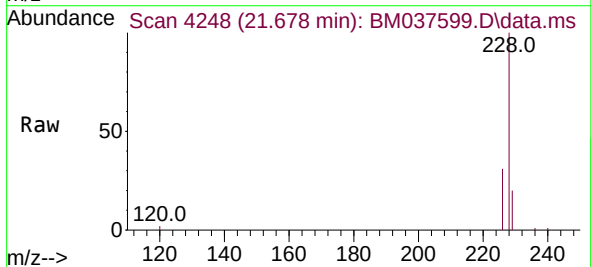
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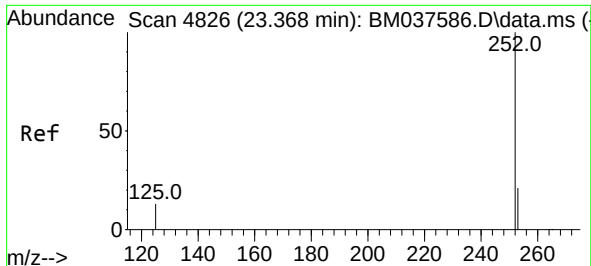
Tgt Ion:228 Resp: 27866
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.678 min Scan# 4248
Delta R.T. -0.006 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

Tgt Ion:228 Resp: 30169
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 19.5 15.5 23.3

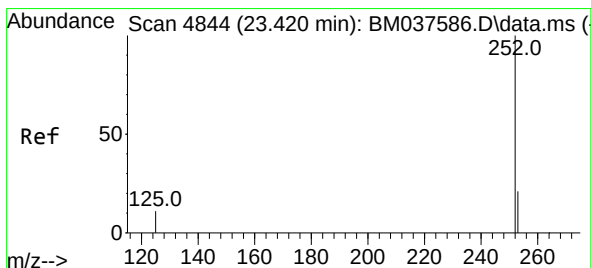
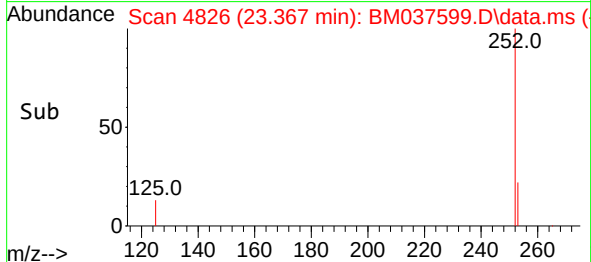
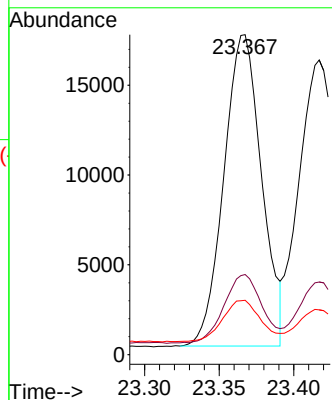
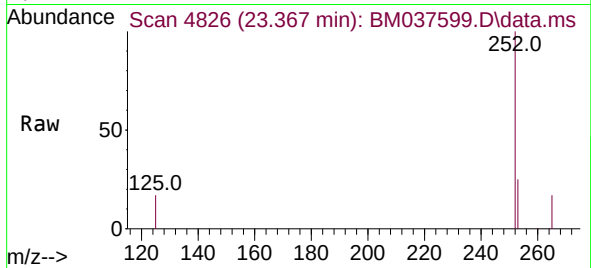




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 23.367 min Scan# 4826
Delta R.T. -0.006 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

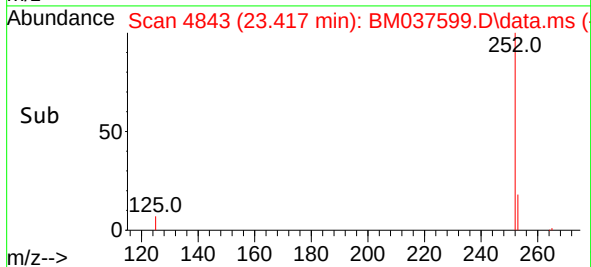
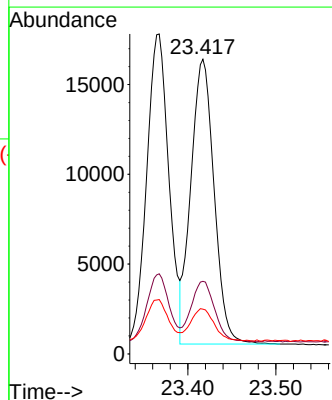
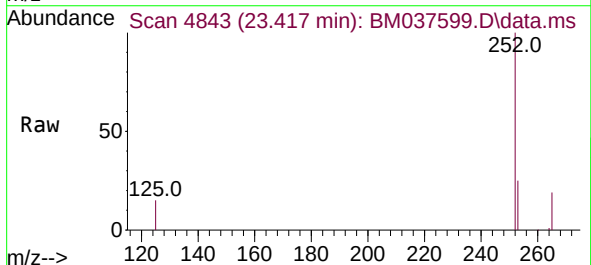
Instrument :
BNA_M
ClientSampleId :
SLCS168

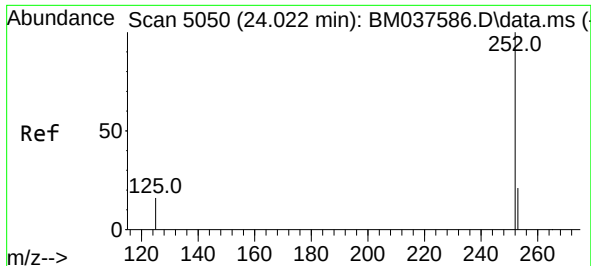
Tgt Ion:252 Resp: 30537
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.2
125 17.0 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.417 min Scan# 4843
Delta R.T. -0.009 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

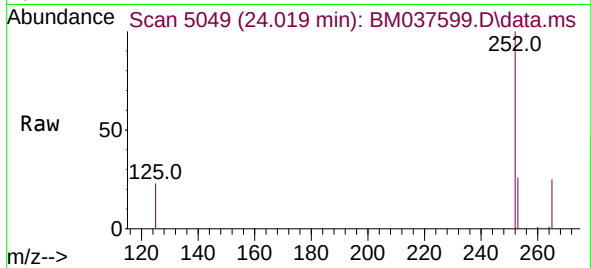
Tgt Ion:252 Resp: 29144
Ion Ratio Lower Upper
252 100
253 24.6 18.8 28.2
125 15.2 9.8 14.6#



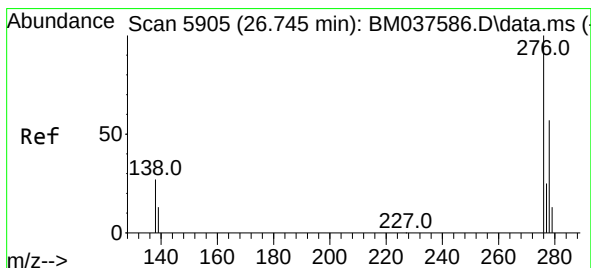
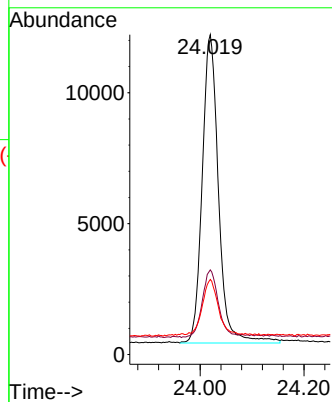
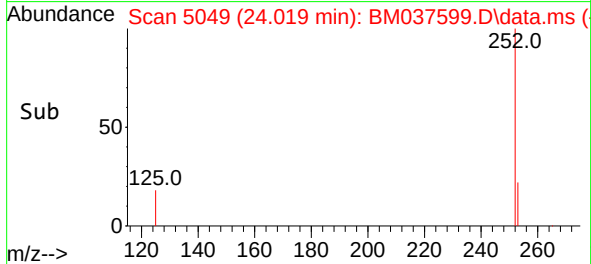


#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 24.019 min Scan# 5049
Delta R.T. -0.009 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

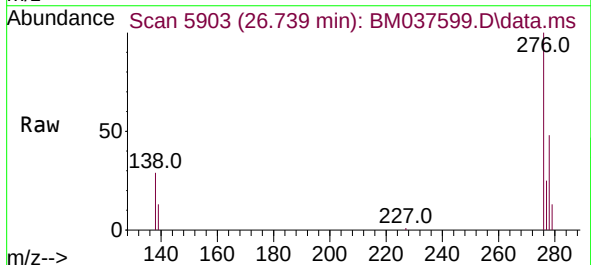
Instrument :
BNA_M
ClientSampleId :
SLCS168



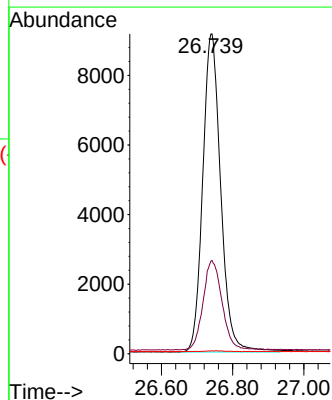
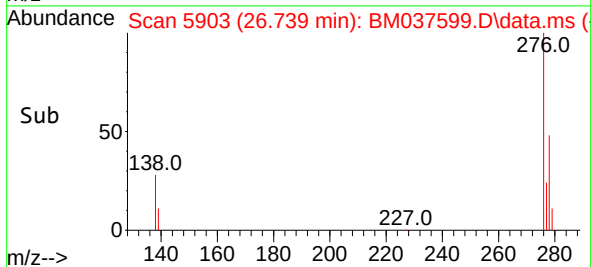
Tgt Ion:252 Resp: 25575
Ion Ratio Lower Upper
252 100
253 26.5 18.8 28.2
125 23.5 10.5 15.7#

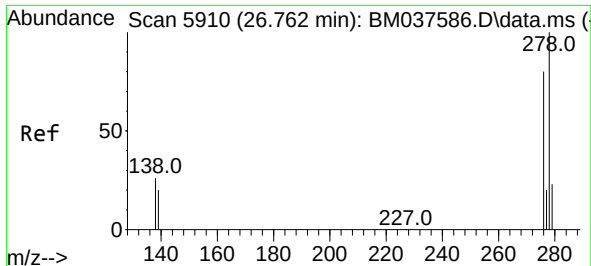


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.739 min Scan# 5903
Delta R.T. -0.017 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20



Tgt Ion:276 Resp: 32047
Ion Ratio Lower Upper
276 100
138 29.5 21.2 31.8
227 0.0 0.1 0.1#

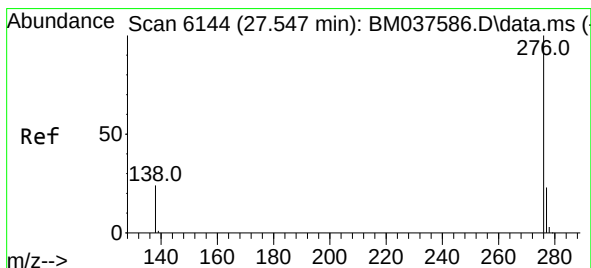
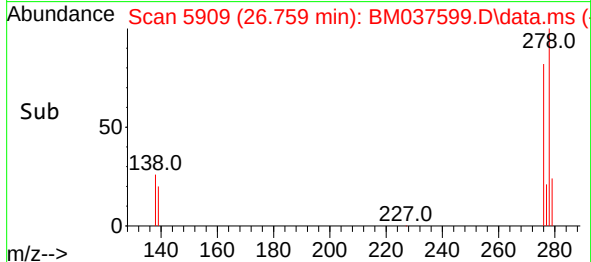
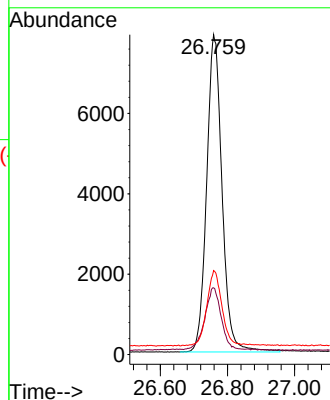
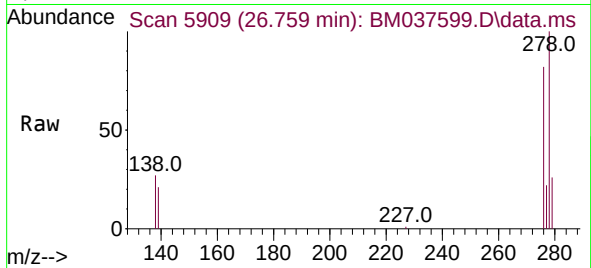




#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 26.759 min Scan# 5910
Delta R.T. -0.020 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

Instrument :
BNA_M
ClientSampleId :
SLCS168

Tgt Ion:278 Resp: 25222
Ion Ratio Lower Upper
278 100
139 20.9 15.2 22.8
279 26.3 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 27.540 min Scan# 6142
Delta R.T. -0.020 min
Lab File: BM037599.D
Acq: 19 Nov 2022 13:20

Tgt Ion:276 Resp: 25894
Ion Ratio Lower Upper
276 100
138 26.3 19.0 28.4
277 24.1 19.4 29.2

