

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037399.D
 Acq On : 07 Nov 2022 19:39
 Operator : CG/JU
 Sample : PB148650BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS650

Quant Time: Nov 07 23:08:35 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)

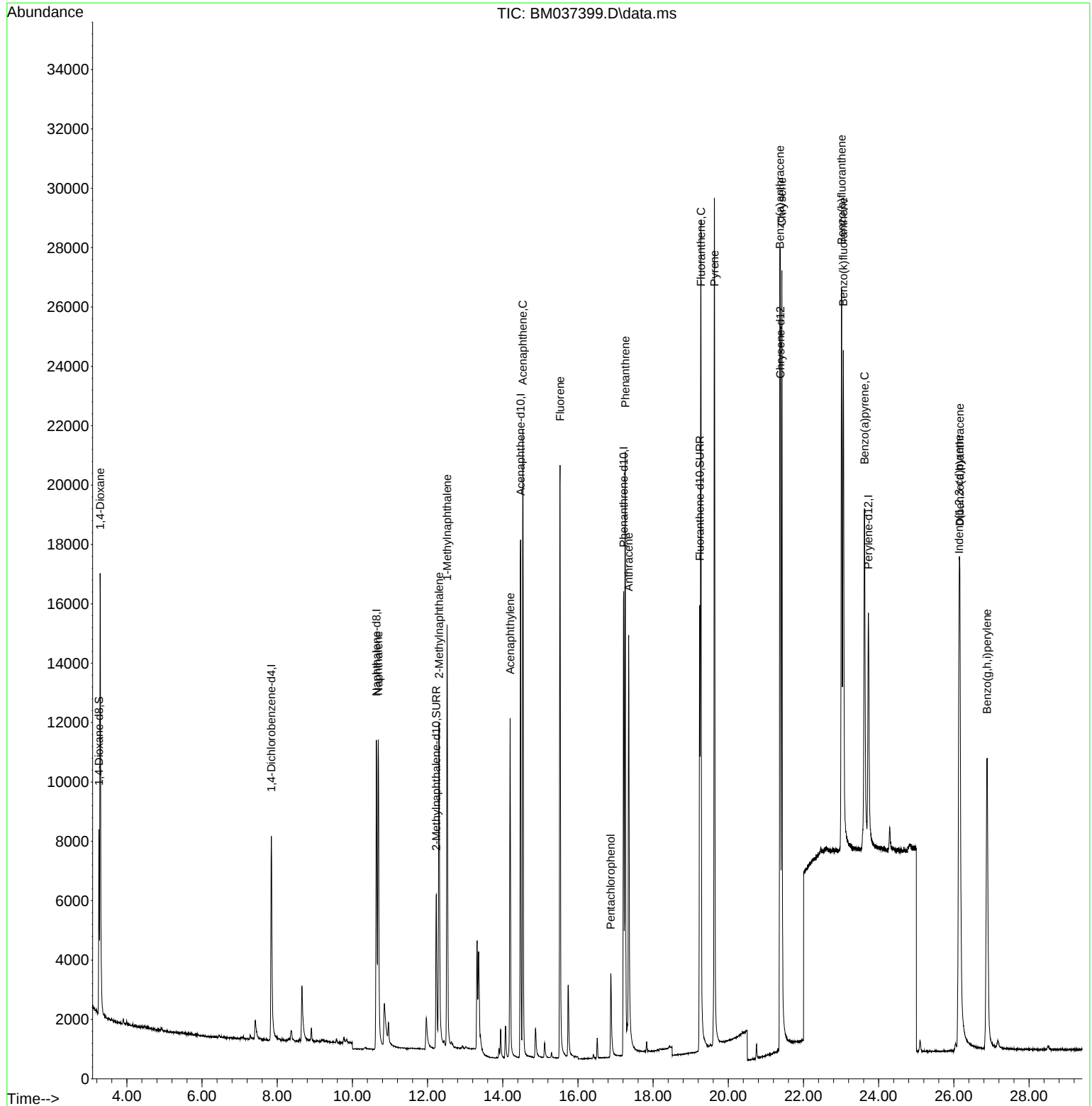
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	4817	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	16146	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	9573	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	19943	0.400	ng/ul	0.00
17) Chrysene-d12	21.388	240	14558	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	11770	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	3988	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	8757	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	17728	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.289	88	9793	1.620	ng/ul#	83
5) Naphthalene	10.688	128	16097	0.344	ng/ul	99
7) 2-Methylnaphthalene	12.305	142	10138	0.346	ng/ul	96
8) 1-Methylnaphthalene	12.519	142	10975	0.364	ng/ul	100
10) Acenaphthylene	14.196	152	13902	0.341	ng/ul	100
11) Acenaphthene	14.533	153	12501	0.347	ng/ul	99
12) Fluorene	15.523	166	14154	0.343	ng/ul	99
14) Pentachlorophenol	16.874	266	2658	0.505	ng/ul	99
15) Phenanthrene	17.258	178	22890	0.335	ng/ul	100
16) Anthracene	17.351	178	18896	0.340	ng/ul	99
19) Fluoranthene	19.270	202	25919	0.376	ng/ul	99
20) Pyrene	19.633	202	27189	0.376	ng/ul	97
21) Benzo(a)anthracene	21.371	228	21904	0.349	ng/ul	100
22) Chrysene	21.424	228	24820	0.354	ng/ul	99
24) Benzo(b)fluoranthene	23.013	252	25471	0.377	ng/ul	97
25) Benzo(k)fluoranthene	23.060	252	23966	0.370	ng/ul	98
26) Benzo(a)pyrene	23.621	252	20416	0.362	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.138	276	26494	0.352	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.158	278	20371	0.352	ng/ul	98
29) Benzo(g,h,i)perylene	26.882	276	22978	0.353	ng/ul	99

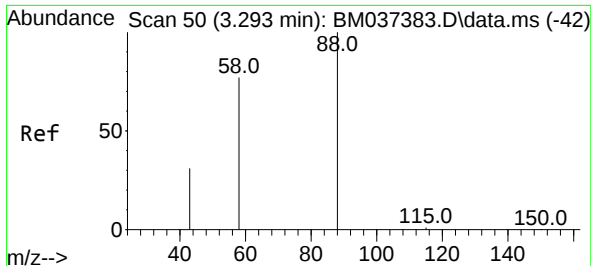
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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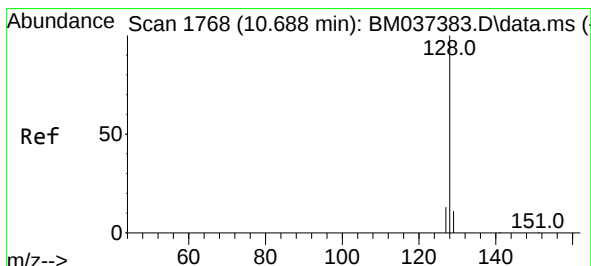
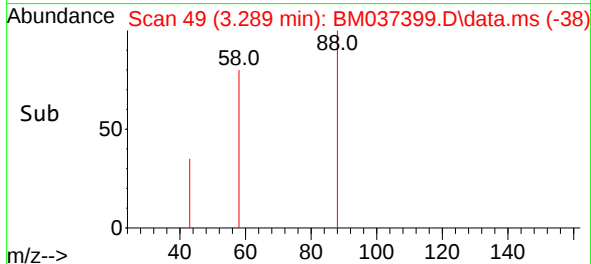
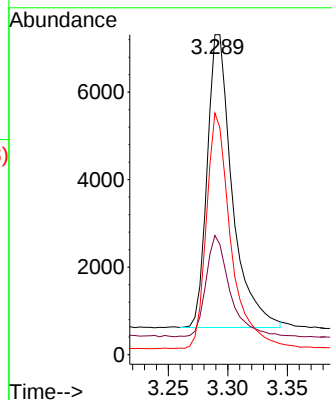
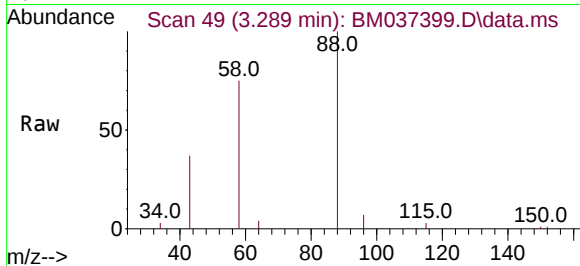




#2
 1,4-Dioxane
 Concen: 1.620 ng/ul
 RT: 3.289 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BM037399.D
 Acq: 07 Nov 2022 19:39

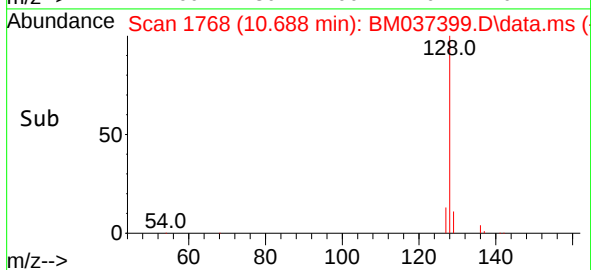
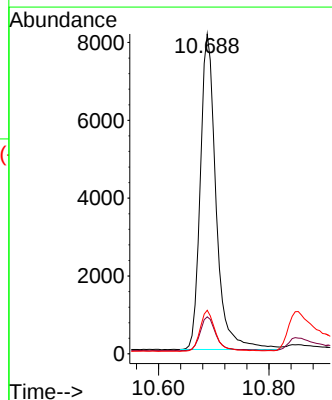
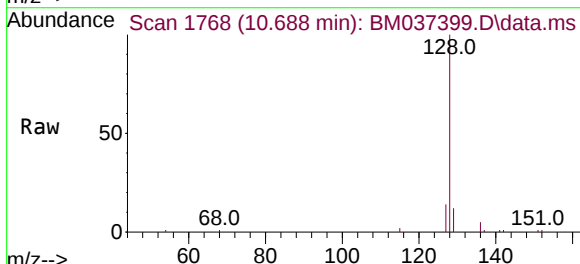
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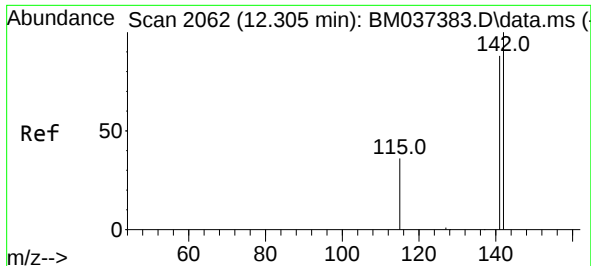
Tgt Ion: 88 Resp: 9793
 Ion Ratio Lower Upper
 88 100
 43 37.2 39.9 59.9#
 58 75.5 50.2 75.2#



#5
 Naphthalene
 Concen: 0.344 ng/ul
 RT: 10.688 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BM037399.D
 Acq: 07 Nov 2022 19:39

Tgt Ion: 128 Resp: 16097
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.2 13.8
 127 13.6 10.2 15.4

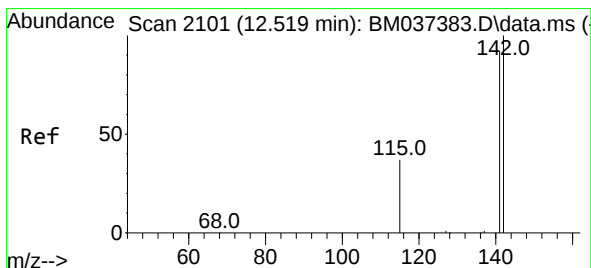
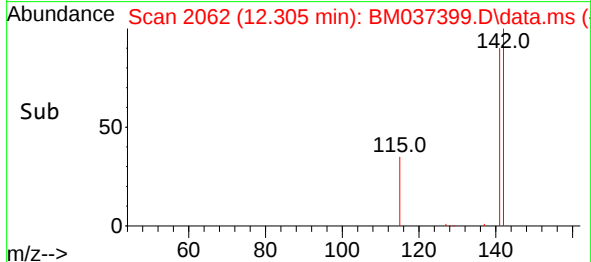
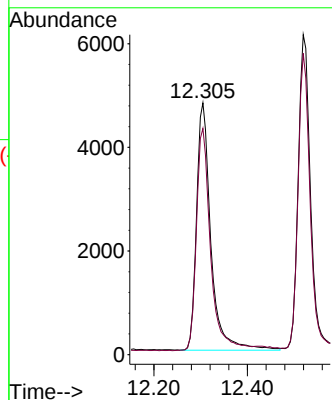
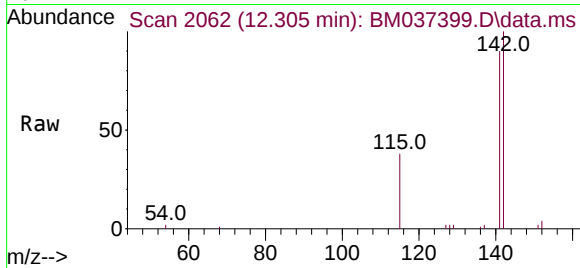




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

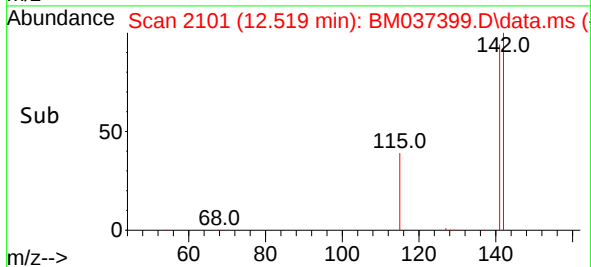
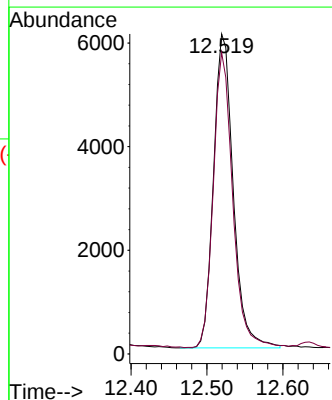
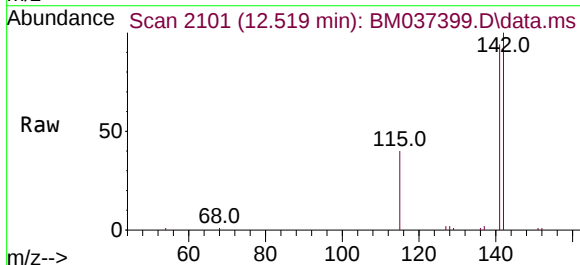
Instrument :
BNA_M
ClientSampleId :
SLCS650

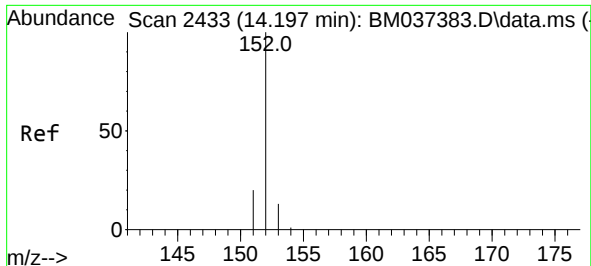
Tgt Ion:142 Resp: 10138
Ion Ratio Lower Upper
142 100
141 91.5 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Tgt Ion:142 Resp: 10975
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

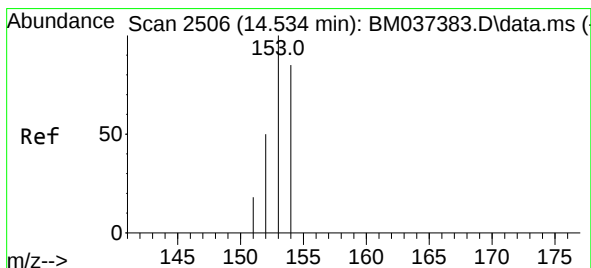
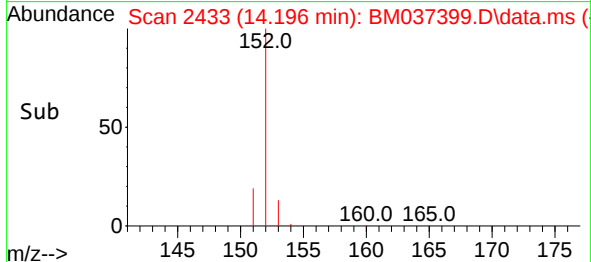
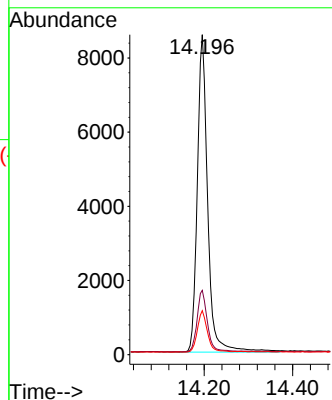
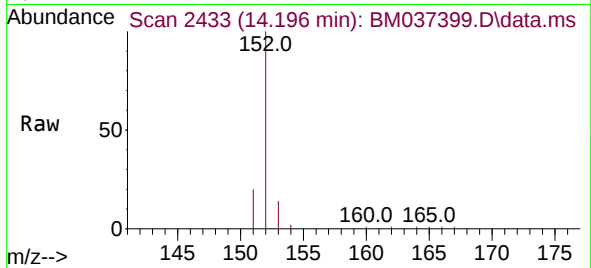




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

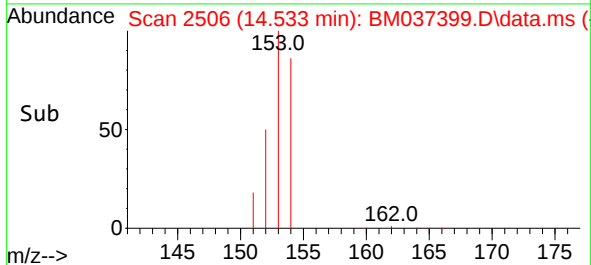
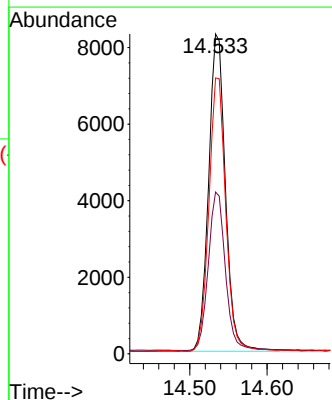
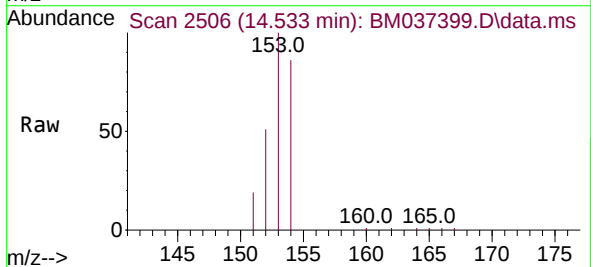
Instrument :
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ClientSampleId :
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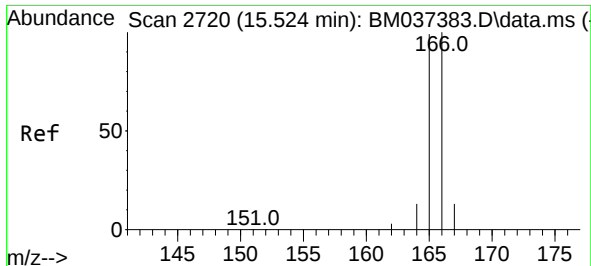
Tgt Ion:152 Resp: 13902
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.7 11.0 16.4



#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Tgt Ion:153 Resp: 12501
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 86.2 70.4 105.6

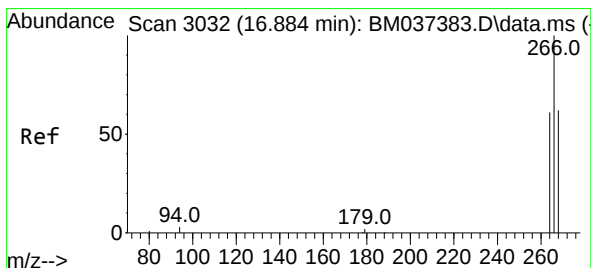
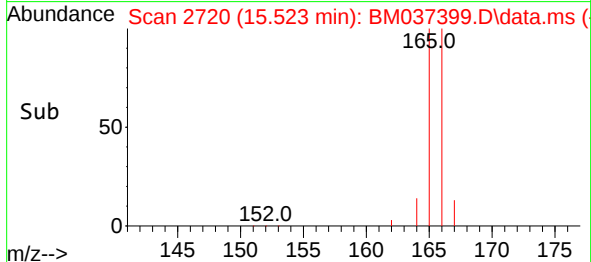
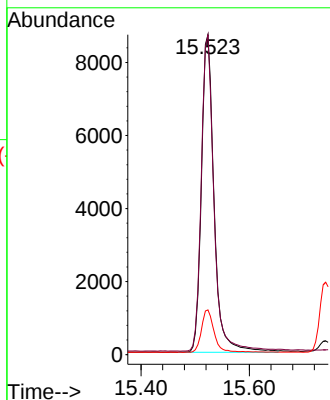
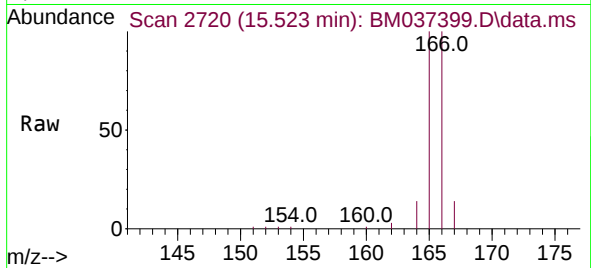




#12
 Fluorene
 Concen: 0.343 ng/ul
 RT: 15.523 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037399.D
 Acq: 07 Nov 2022 19:39

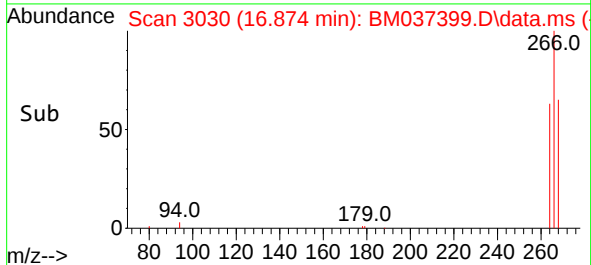
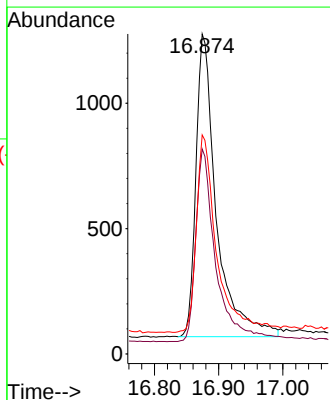
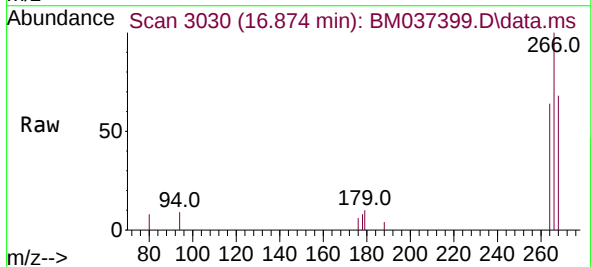
Instrument :
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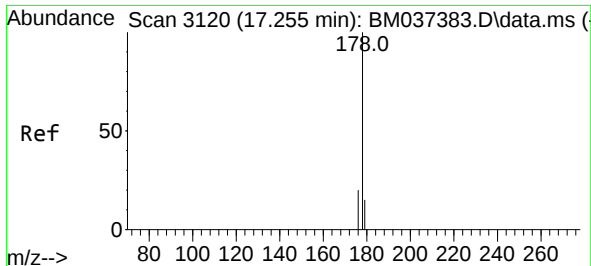
Tgt Ion:166 Resp: 14154
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.0 118.4
 167 14.0 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.505 ng/ul
 RT: 16.874 min Scan# 3030
 Delta R.T. -0.004 min
 Lab File: BM037399.D
 Acq: 07 Nov 2022 19:39

Tgt Ion:266 Resp: 2658
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.9 74.9
 268 65.5 51.9 77.9

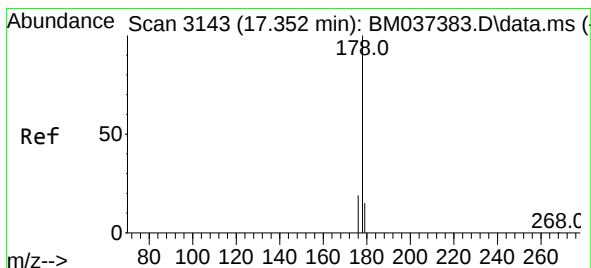
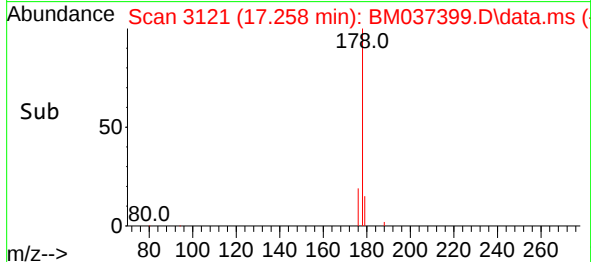
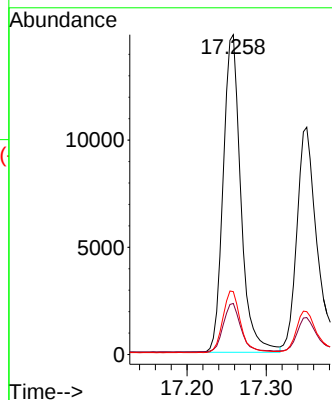
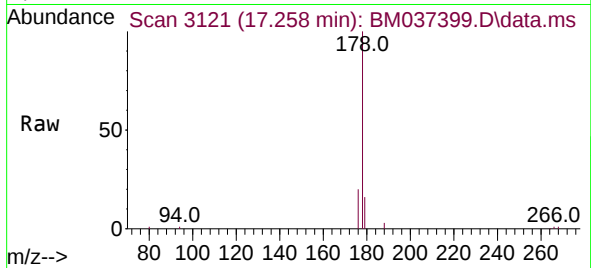




#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.258 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

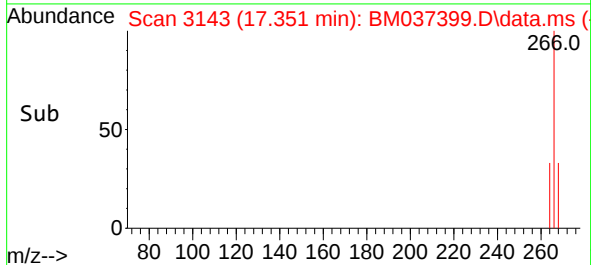
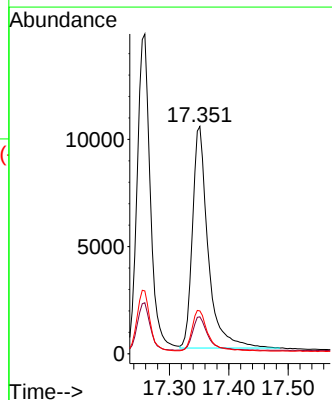
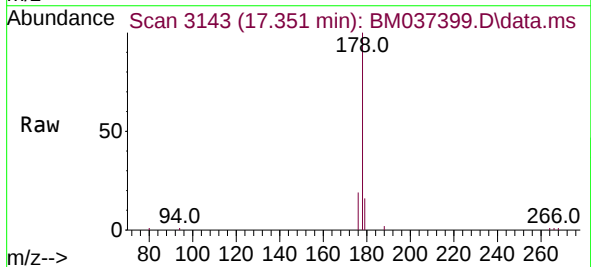
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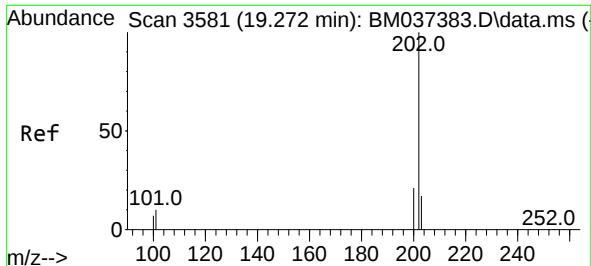
Tgt Ion:178 Resp: 22890
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Tgt Ion:178 Resp: 18896
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 18.9 15.5 23.3

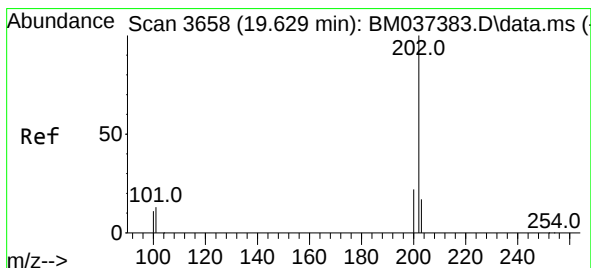
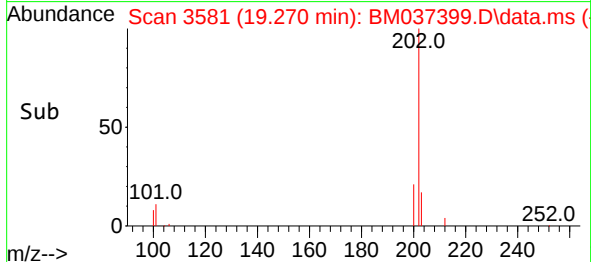
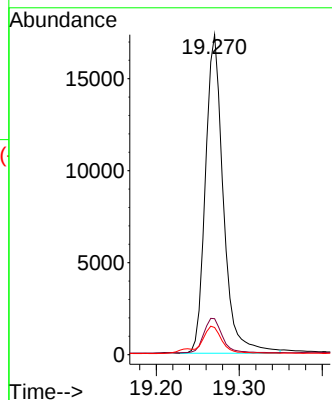
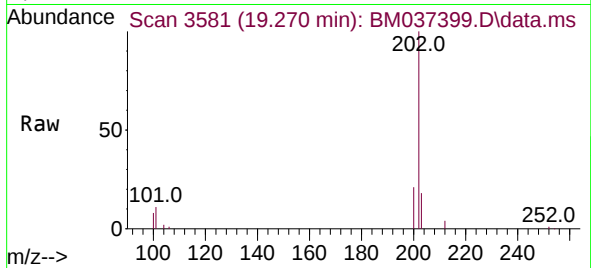




#19
Fluoranthene
Concen: 0.376 ng/ul
RT: 19.270 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

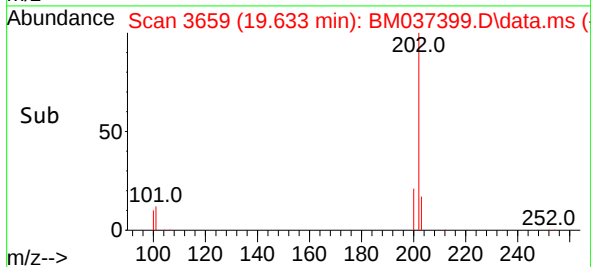
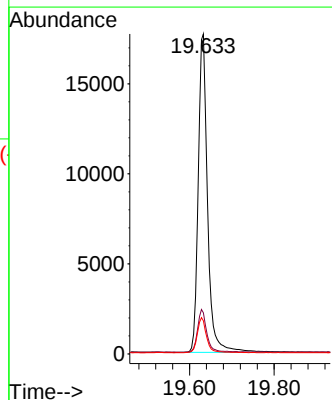
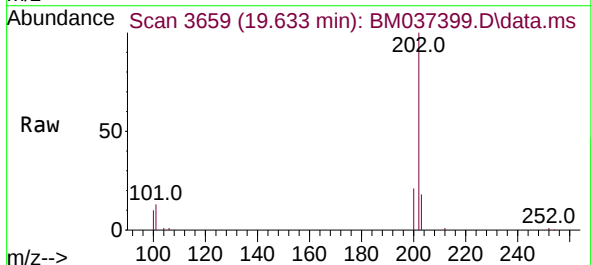
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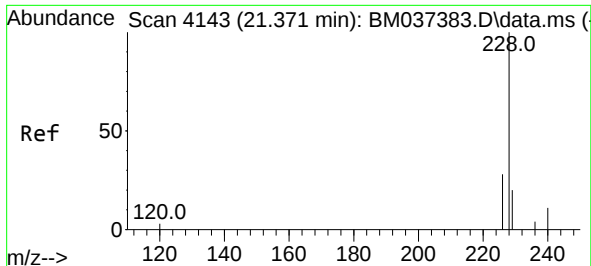
Tgt Ion:202 Resp: 25919
Ion Ratio Lower Upper
202 100
101 11.2 8.7 13.1
100 8.5 6.6 10.0



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.633 min Scan# 3659
Delta R.T. 0.004 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Tgt Ion:202 Resp: 27189
Ion Ratio Lower Upper
202 100
101 12.8 11.1 16.7
100 10.3 9.0 13.4

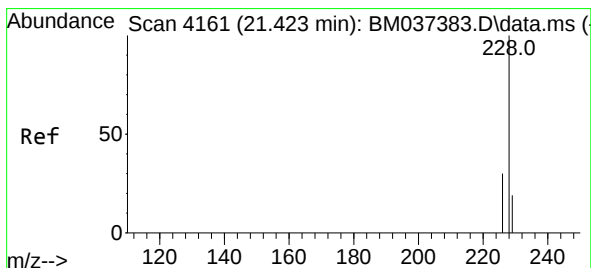
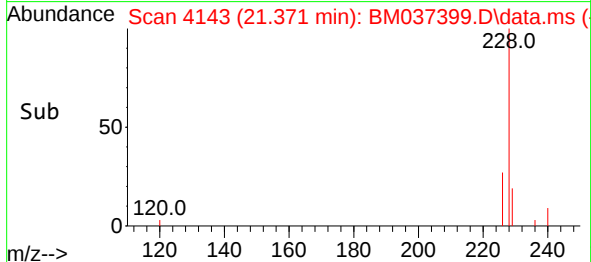
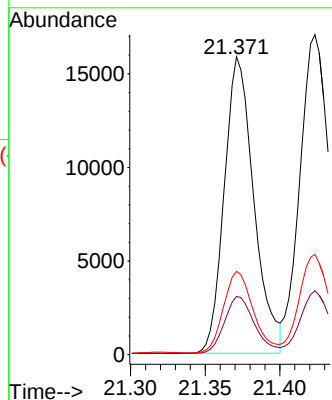
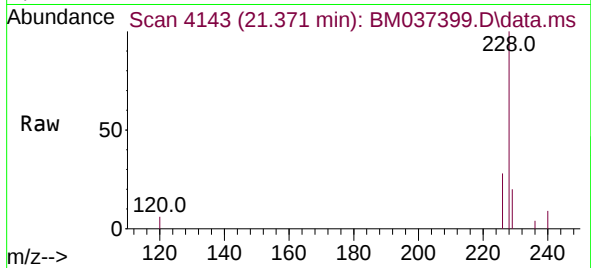




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

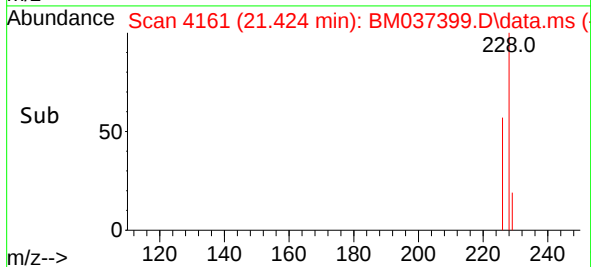
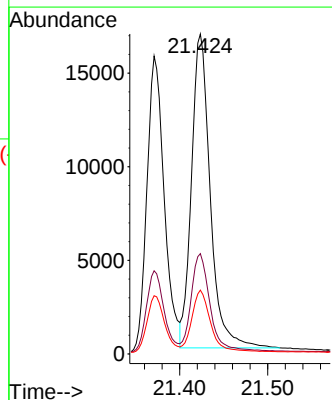
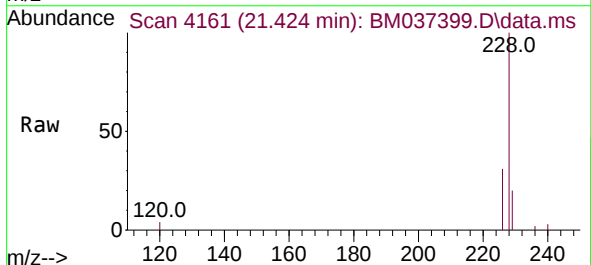
Instrument :
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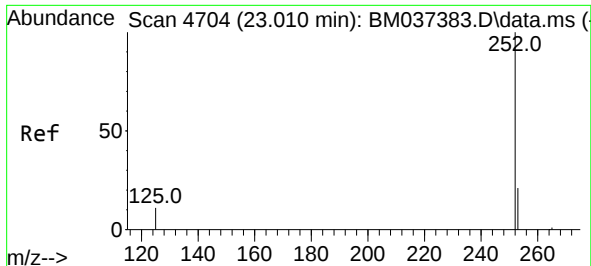
Tgt Ion:228 Resp: 21904
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.9 22.6 33.8



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.000 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Tgt Ion:228 Resp: 24820
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 19.9 15.6 23.4

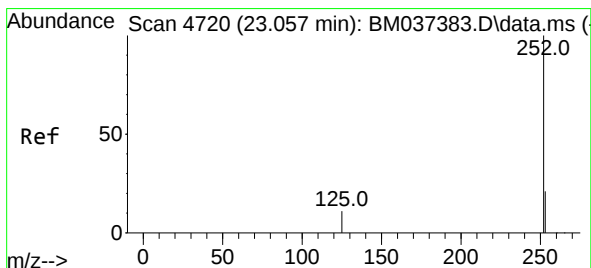
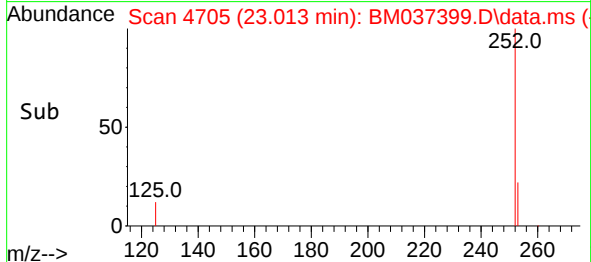
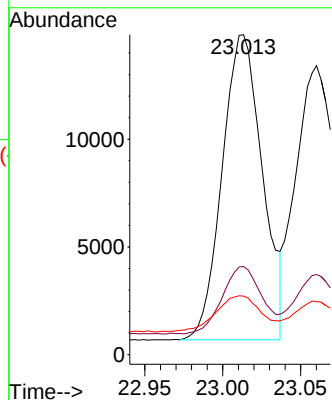
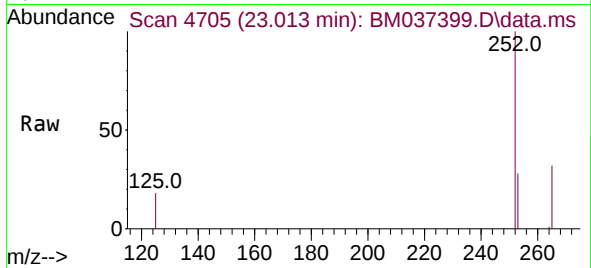




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.013 min Scan# 4704
Delta R.T. 0.003 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

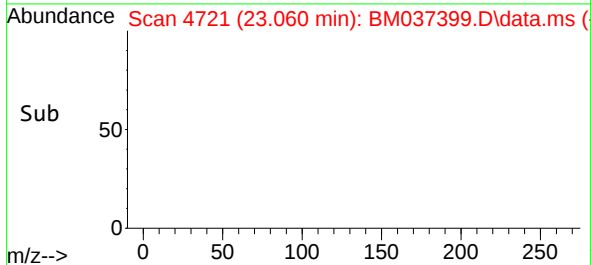
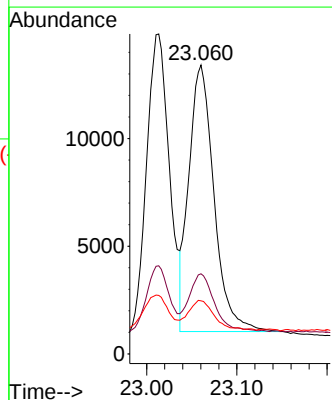
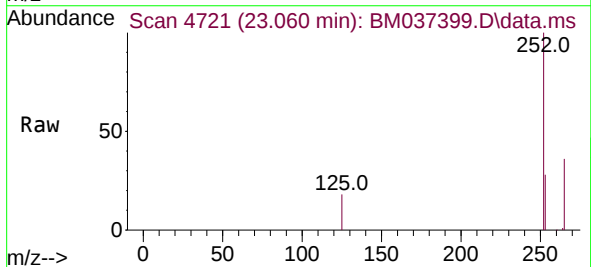
Instrument :
BNA_M
ClientSampleId :
SLCS650

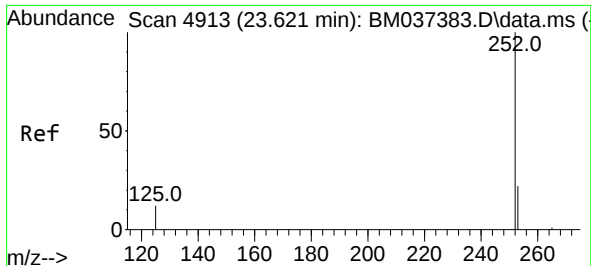
Tgt Ion:252 Resp: 25471
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.6
125 18.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.060 min Scan# 4721
Delta R.T. 0.003 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Tgt Ion:252 Resp: 23966
Ion Ratio Lower Upper
252 100
253 27.7 21.6 32.4
125 18.3 13.8 20.8

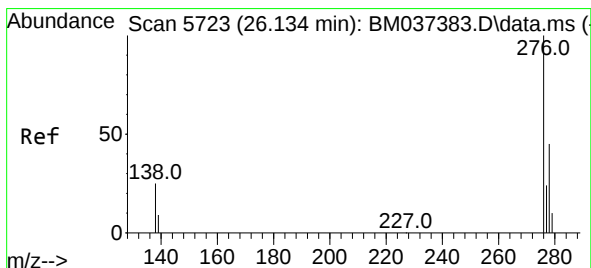
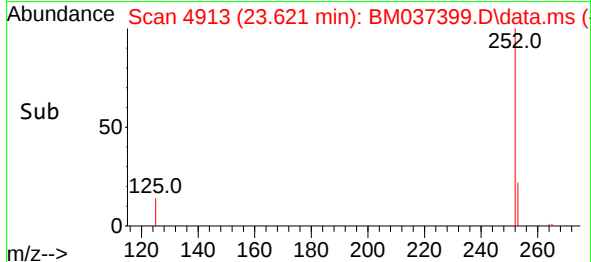
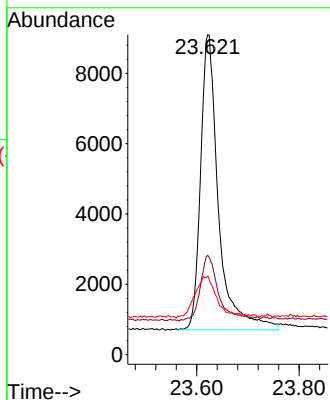
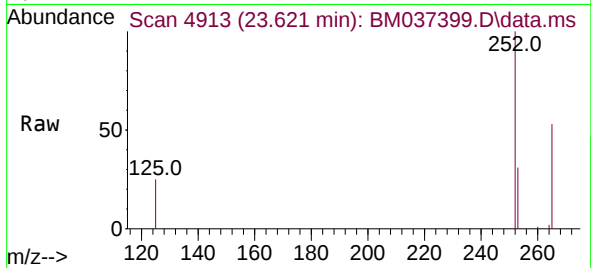




#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.621 min Scan# 4913
Delta R.T. 0.003 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

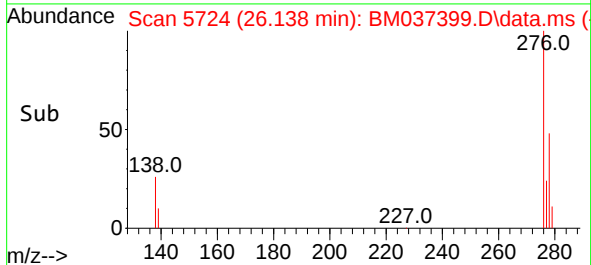
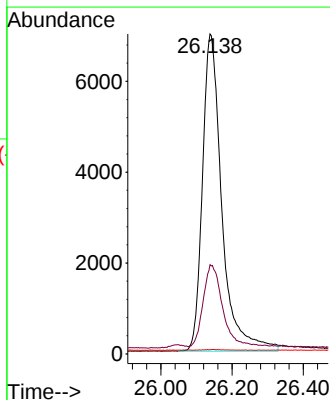
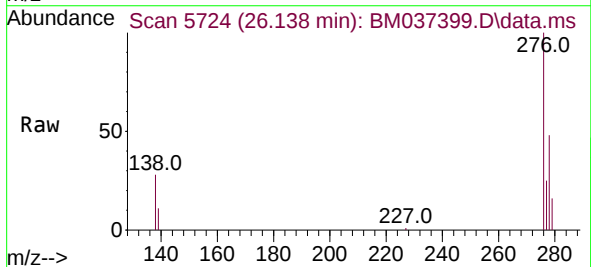
Instrument :
BNA_M
ClientSampleId :
SLCS650

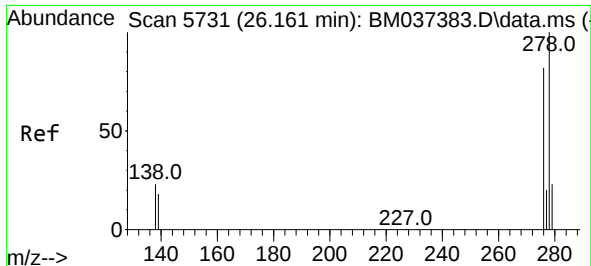
Tgt Ion:252	Resp:	20416
Ion Ratio	Lower	Upper
252	100	
253	31.0	23.8 35.6
125	24.5	17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.000 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Tgt Ion:276	Resp:	26494
Ion Ratio	Lower	Upper
276	100	
138	26.3	20.8 31.2
227	0.0	0.1 0.1#

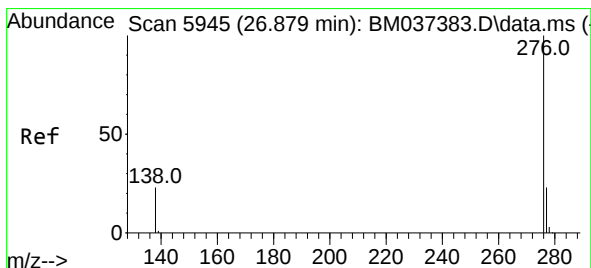
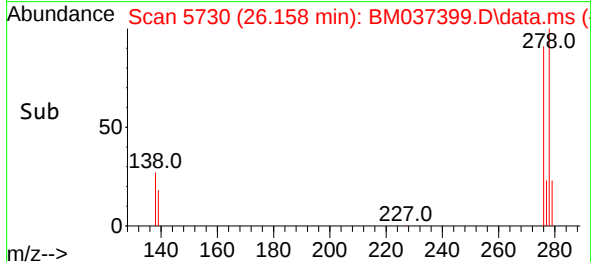
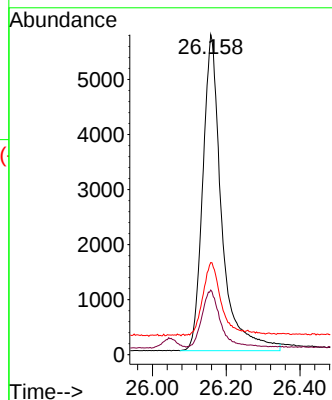
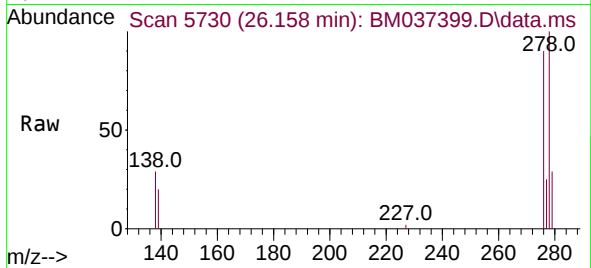




#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 26.158 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Instrument :
BNA_M
ClientSampleId :
SLCS650

Tgt Ion:278 Resp: 20371
Ion Ratio Lower Upper
278 100
139 20.2 15.2 22.8
279 28.8 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.882 min Scan# 5946
Delta R.T. 0.003 min
Lab File: BM037399.D
Acq: 07 Nov 2022 19:39

Tgt Ion:276 Resp: 22978
Ion Ratio Lower Upper
276 100
138 25.2 19.6 29.4
277 24.5 20.1 30.1

