

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039317.D
 Acq On : 06 Apr 2023 14:47
 Operator : CG/JU
 Sample : PB151830BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS830

Quant Time: Apr 07 02:16:01 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 23:58:10 2023
 Response via : Initial Calibration

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

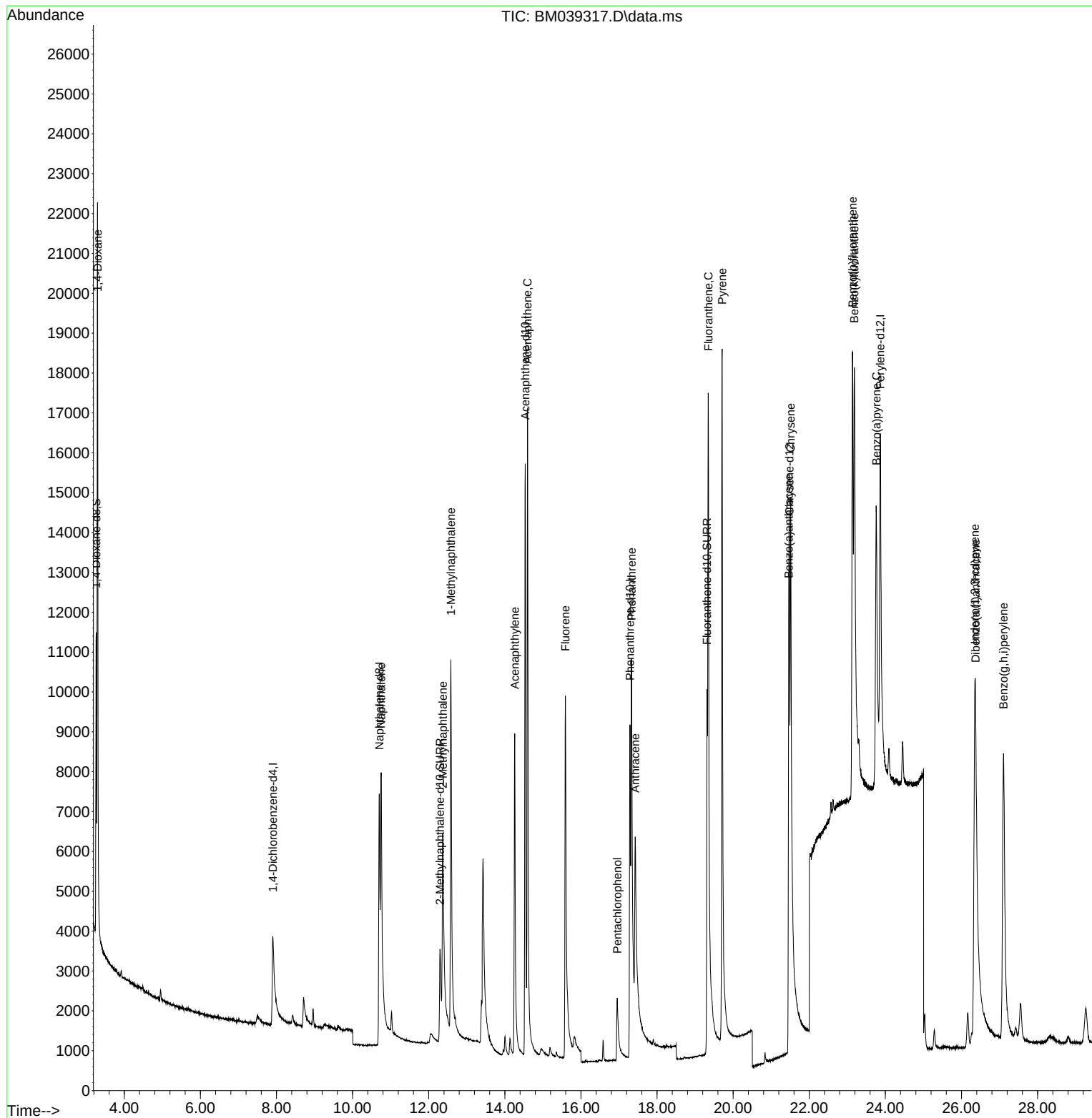
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	3282	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	16768	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.537	164	10026	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	15419	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	14047	0.400	ng/ul	# 0.00
23) Perylene-d12	23.866	264	16188	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	4782	0.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	7088	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	15628	0.357	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.296	88	11889	1.827	ng/ul#	78
5) Naphthalene	10.752	128	13967	0.350	ng/ul	100
7) 2-Methylnaphthalene	12.368	142	7831	0.350	ng/ul	100
8) 1-Methylnaphthalene	12.583	142	9230	0.364	ng/ul	99
10) Acenaphthylene	14.259	152	13611	0.350	ng/ul	100
11) Acenaphthene	14.597	153	11099	0.362	ng/ul	99
12) Fluorene	15.591	166	10841	0.355	ng/ul	97
14) Pentachlorophenol	16.953	266	2304	0.627	ng/ul#	82
15) Phenanthrene	17.333	178	15016	0.351	ng/ul	99
16) Anthracene	17.426	178	10403	0.319	ng/ul	100
19) Fluoranthene	19.348	202	20005	0.344	ng/ul	100
20) Pyrene	19.710	202	23475	0.352	ng/ul	100
21) Benzo(a)anthracene	21.460	228	11941	0.369	ng/ul	99
22) Chrysene	21.513	228	15693	0.395	ng/ul	100
24) Benzo(b)fluoranthene	23.138	252	19046	0.371	ng/ul	97
25) Benzo(k)fluoranthene	23.184	252	17500	0.357	ng/ul	96
26) Benzo(a)pyrene	23.763	252	18788	0.363	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.351	276	23195	0.356	ng/ul	94
28) Dibenzo(a,h)anthracene	26.371	278	16152	0.354	ng/ul	94
29) Benzo(g,h,i)perylene	27.105	276	21931	0.351	ng/ul	99

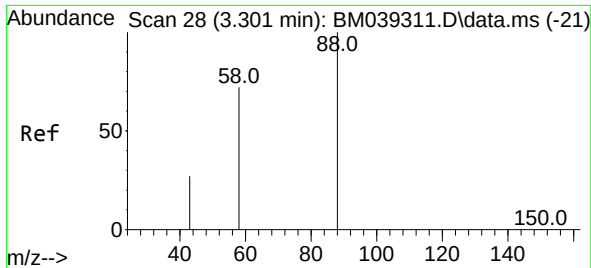
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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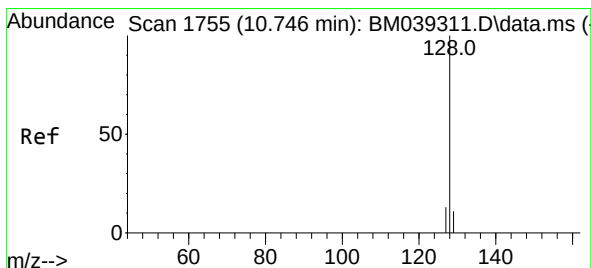
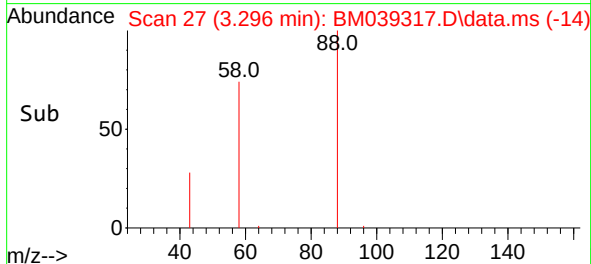
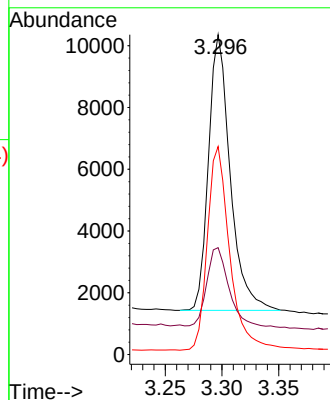
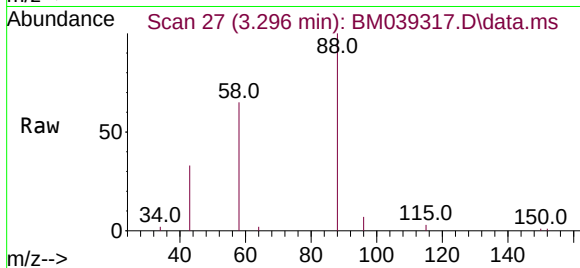




#2
1,4-Dioxane
Concen: 1.827 ng/ul
RT: 3.296 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

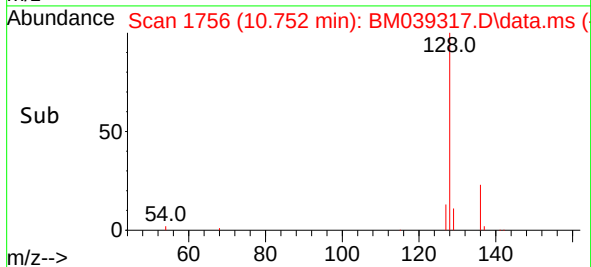
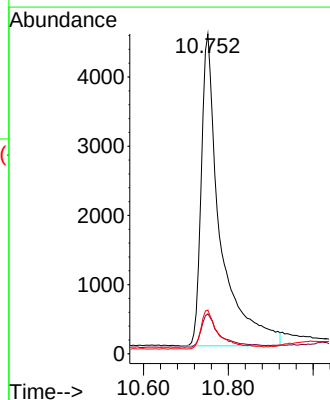
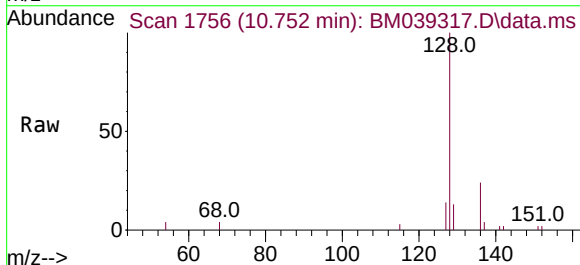
Instrument :
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ClientSampleId :
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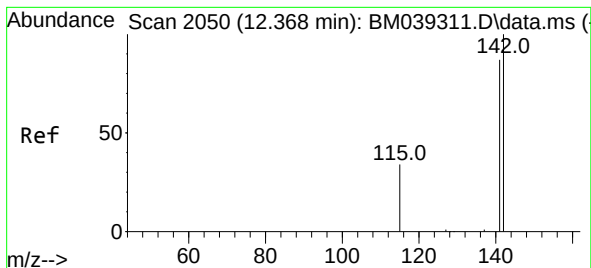
Tgt Ion: 88 Resp: 11889
Ion Ratio Lower Upper
88 100
43 33.4 30.6 45.8
58 65.0 34.1 51.1#



#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.752 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion: 128 Resp: 13967
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 13.7 11.0 16.4

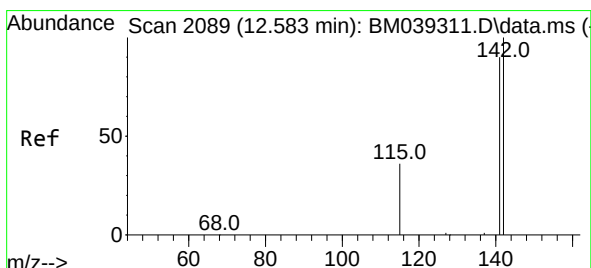
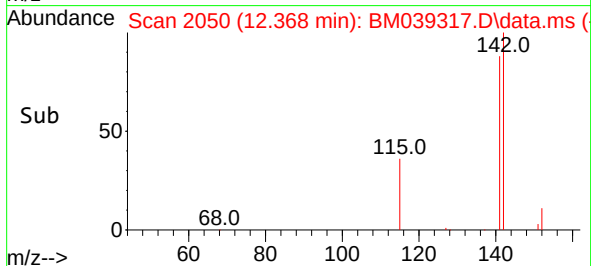
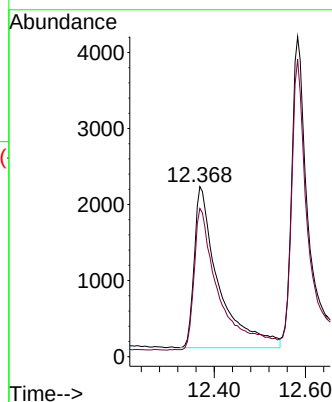
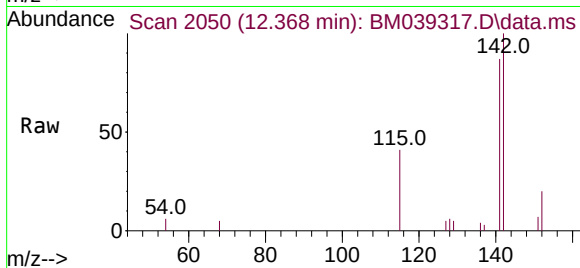




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

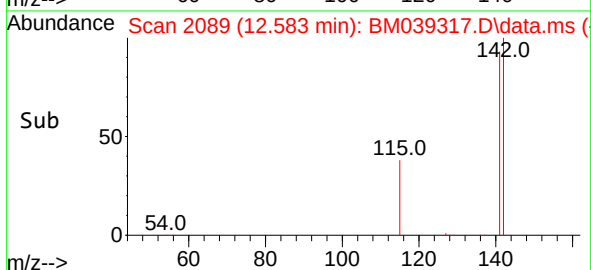
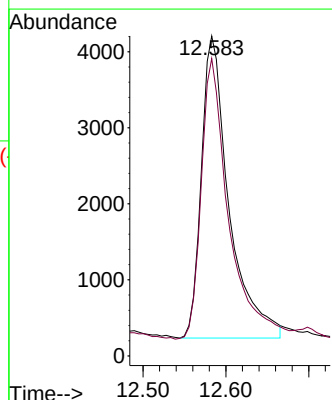
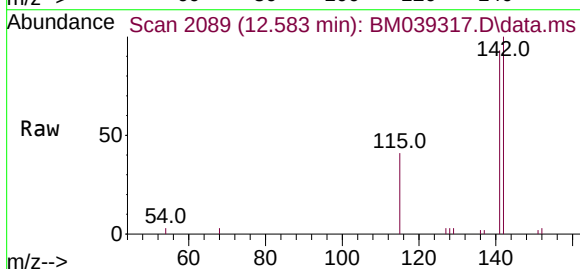
Instrument :
BNA_M
ClientSampleId :
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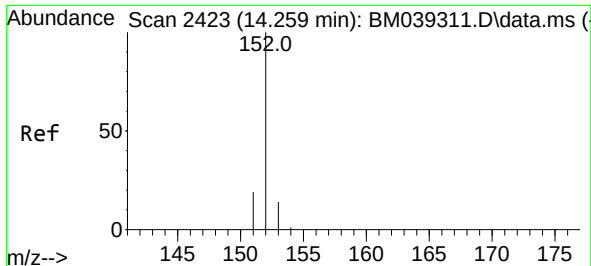
Tgt Ion:142 Resp: 7831
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion:142 Resp: 9230
Ion Ratio Lower Upper
142 100
141 91.5 72.6 109.0

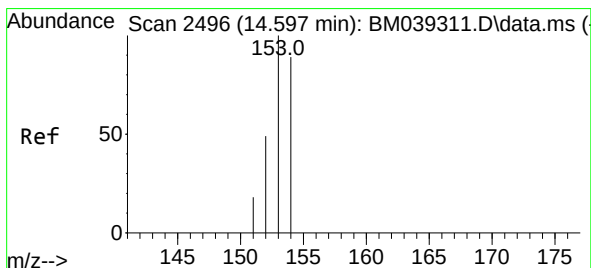
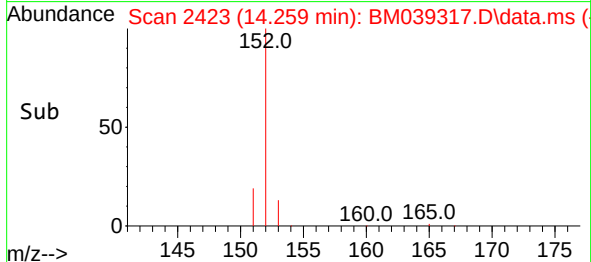
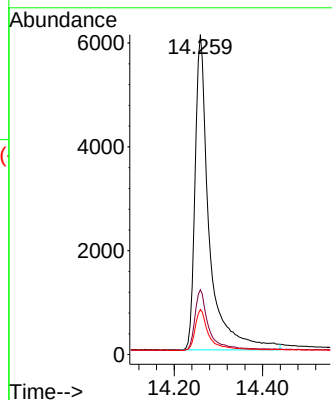
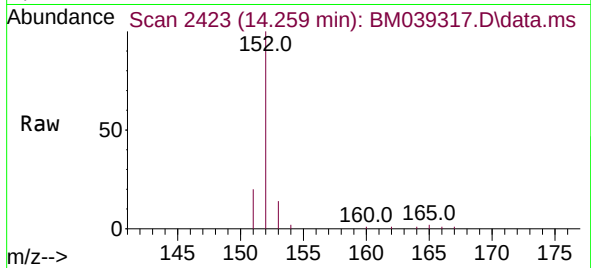




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.259 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

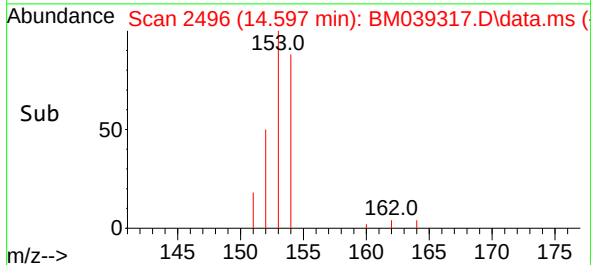
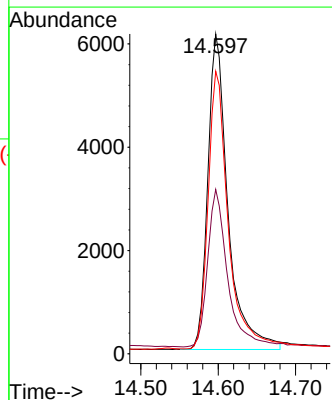
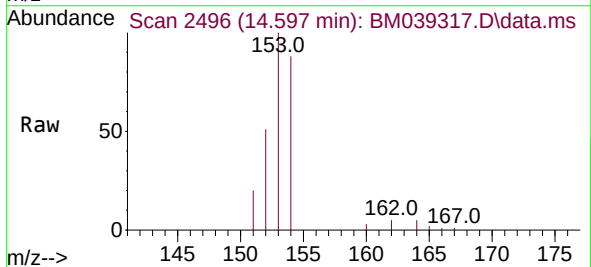
Instrument :
BNA_M
ClientSampleId :
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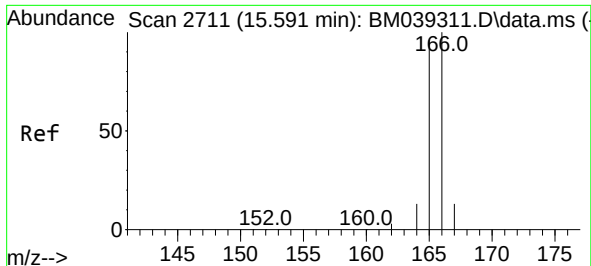
Tgt Ion:	152	Resp:	13611
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	14.1	11.6	17.4



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion:	153	Resp:	11099
Ion Ratio	Lower	Upper	
153	100		
152	51.4	40.3	60.5
154	88.3	71.5	107.3

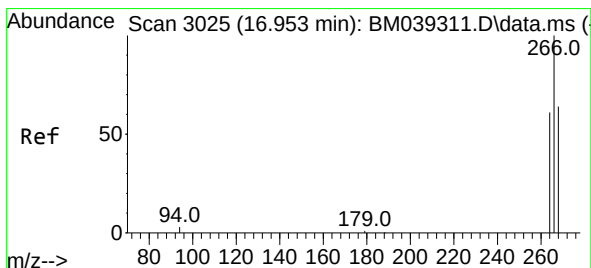
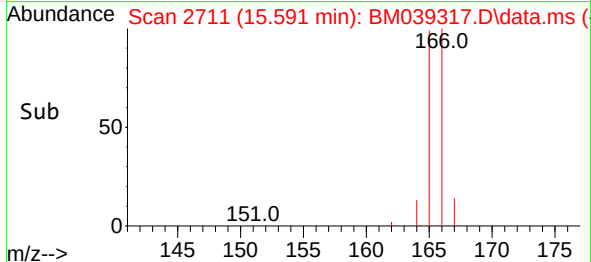
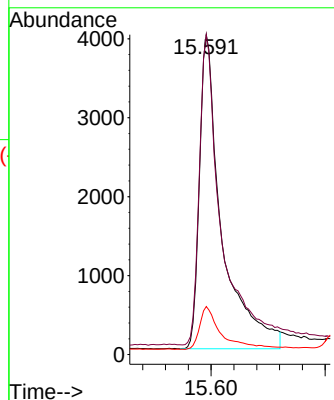
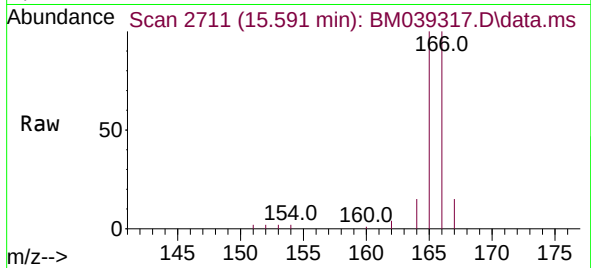




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.591 min Scan# 2711
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

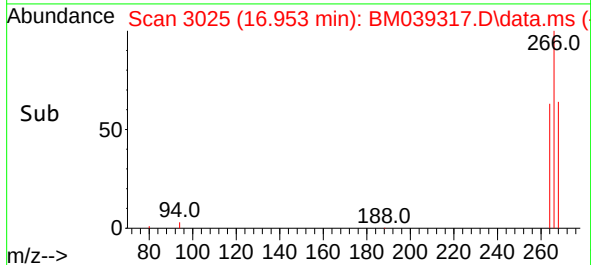
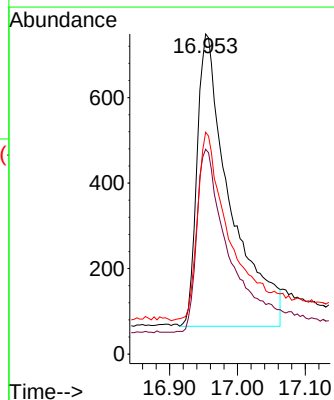
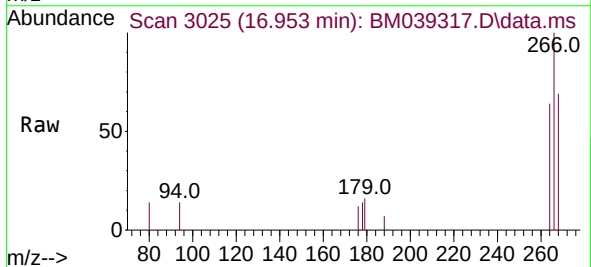
Instrument :
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ClientSampleId :
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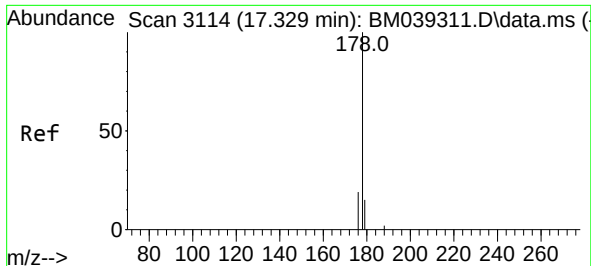
Tgt Ion:166 Resp: 10841
Ion Ratio Lower Upper
166 100
165 100.0 77.8 116.8
167 15.0 11.8 17.6



#14
Pentachlorophenol
Concen: 0.627 ng/ul
RT: 16.953 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion:266 Resp: 2304
Ion Ratio Lower Upper
266 100
264 63.0 39.6 59.4#
268 65.1 42.4 63.6#

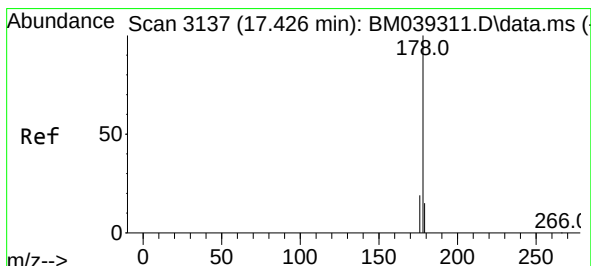
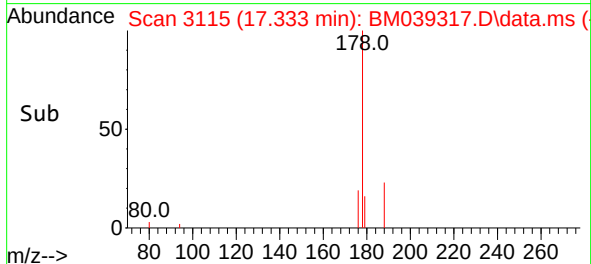
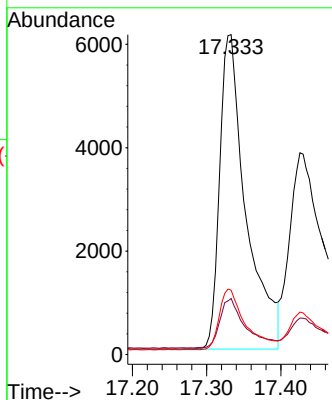
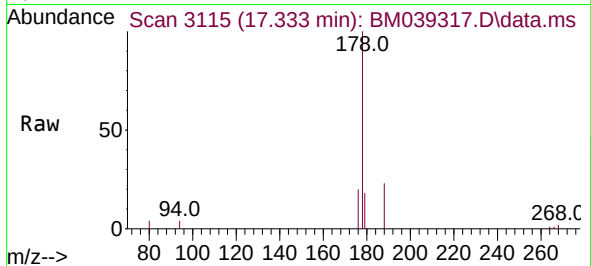




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. 0.004 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

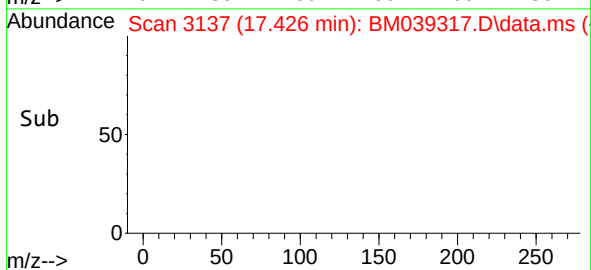
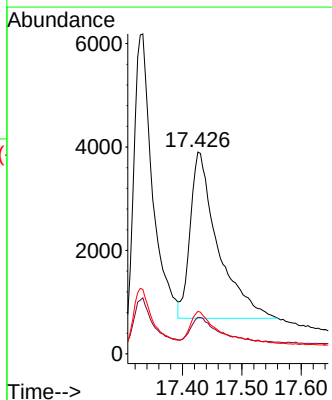
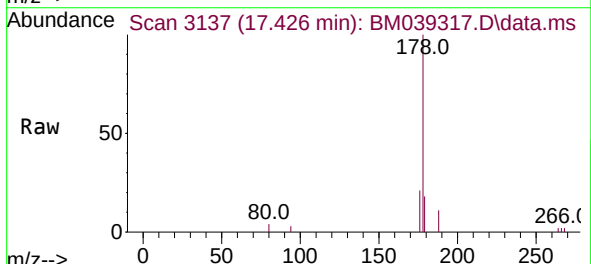
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SLCS830

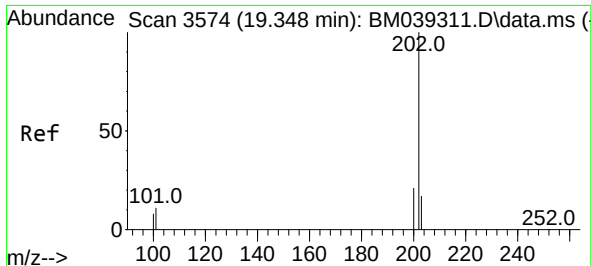
Tgt Ion:178 Resp: 15016
Ion Ratio Lower Upper
178 100
179 17.5 13.4 20.2
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion:178 Resp: 10403
Ion Ratio Lower Upper
178 100
179 18.1 14.6 21.8
176 21.0 16.6 24.8

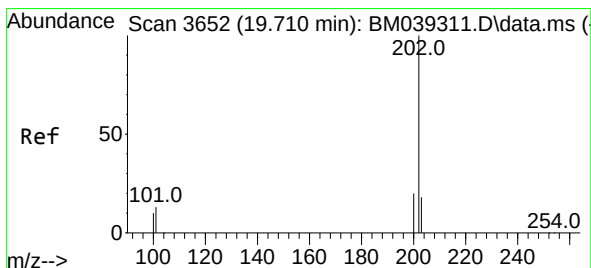
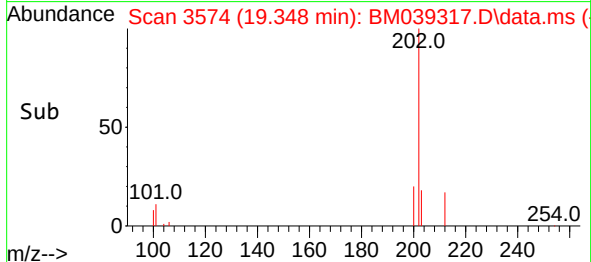
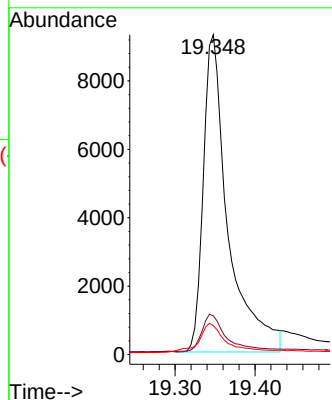
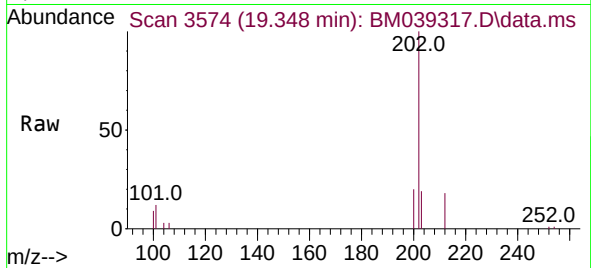




#19
Fluoranthene
Concen: 0.344 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

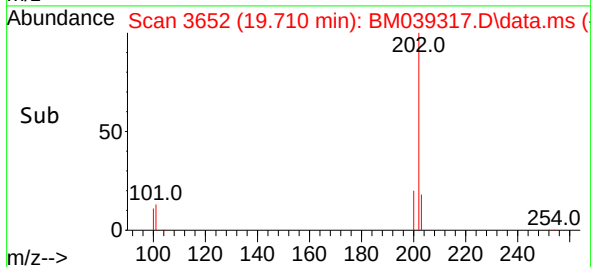
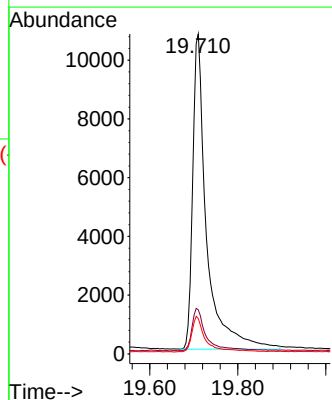
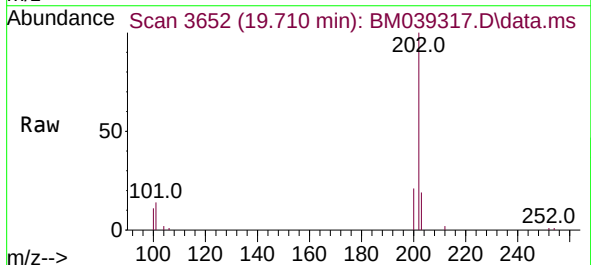
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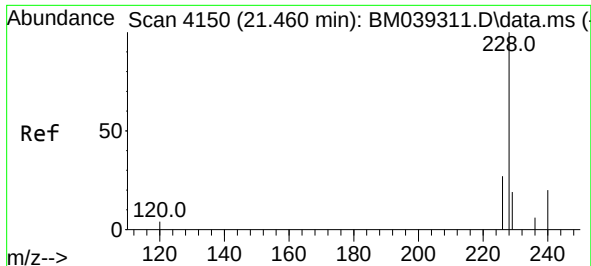
Tgt Ion:202 Resp: 20005
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.0 7.4 11.0



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion:202 Resp: 23475
Ion Ratio Lower Upper
202 100
101 13.8 11.1 16.7
100 11.0 8.8 13.2

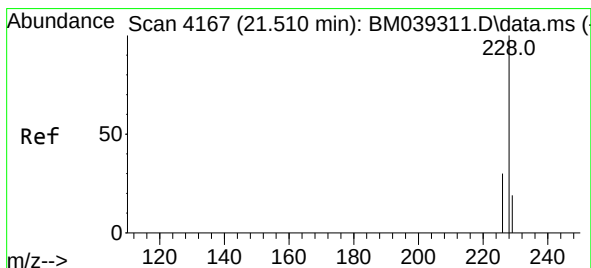
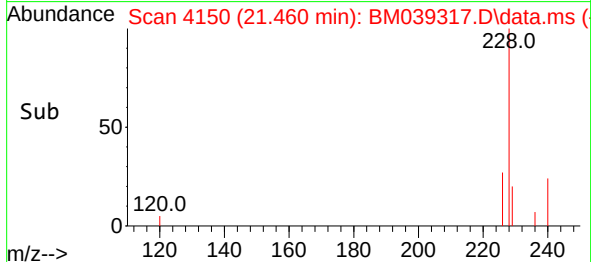
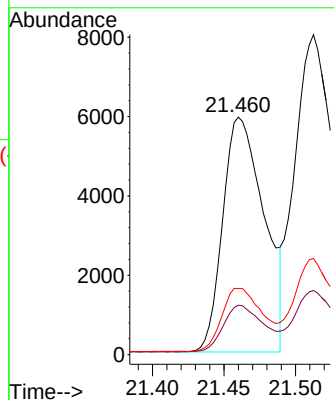
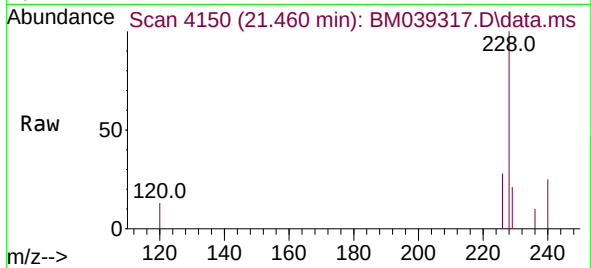




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.460 min Scan# 4150
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

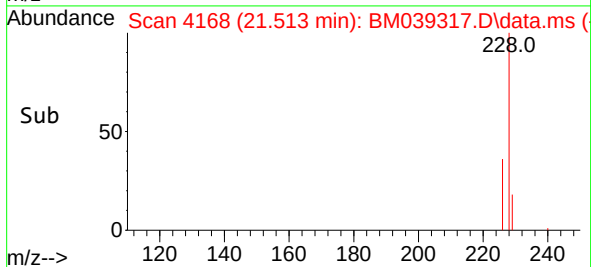
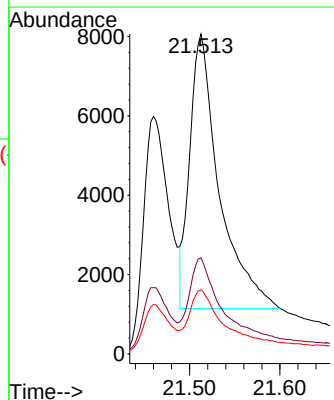
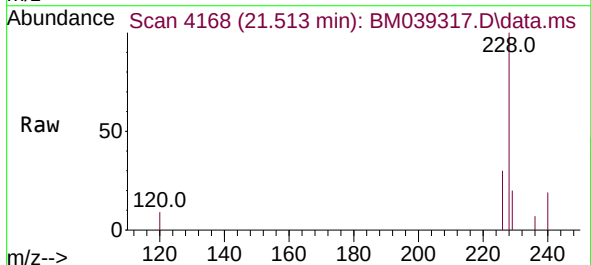
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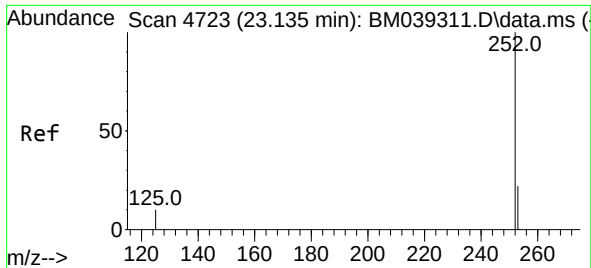
Tgt Ion:228 Resp: 11941
Ion Ratio Lower Upper
228 100
229 20.8 16.6 24.8
226 27.9 22.6 34.0



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion:228 Resp: 15693
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 20.0 16.2 24.4

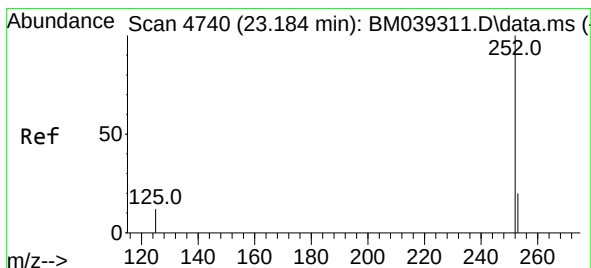
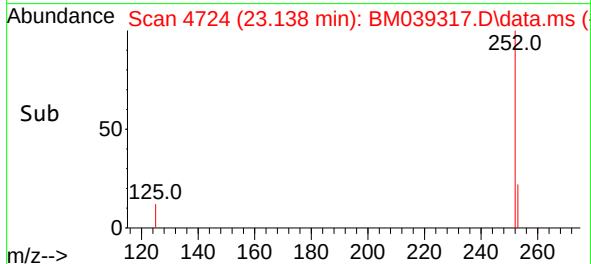
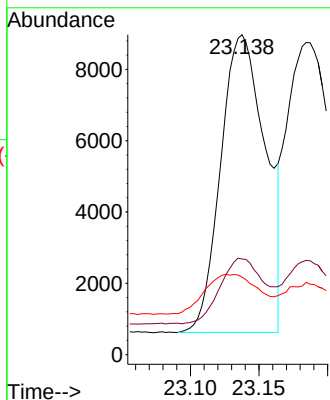
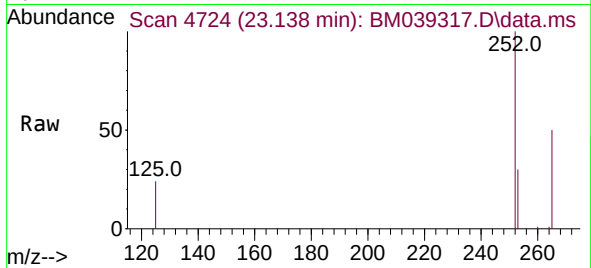




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.138 min Scan# 4723
Delta R.T. 0.003 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

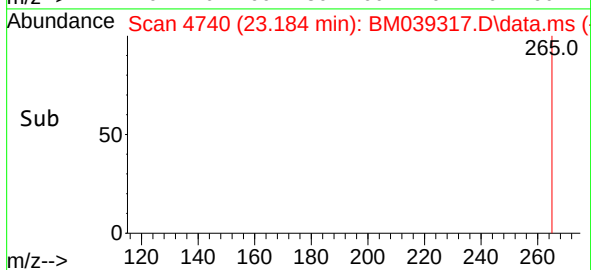
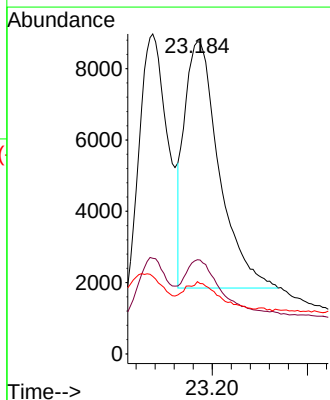
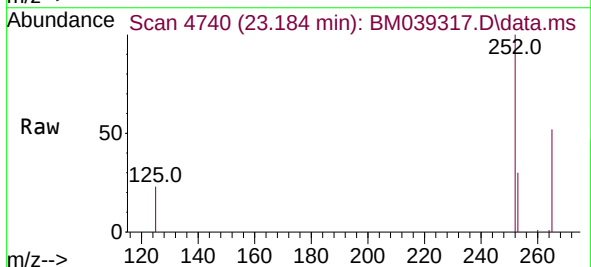
Instrument :
BNA_M
ClientSampleId :
SLCS830

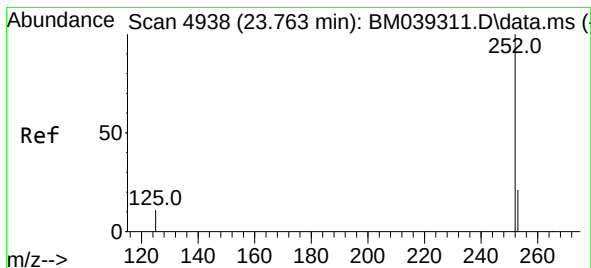
Tgt Ion:252 Resp: 19046
Ion Ratio Lower Upper
252 100
253 29.9 0.0 64.4
125 24.2 0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.184 min Scan# 4740
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion:252 Resp: 17500
Ion Ratio Lower Upper
252 100
253 30.2 25.5 38.3
125 23.1 20.4 30.6





#26

Benzo(a)pyrene

Concen: 0.363 ng/ul

RT: 23.763 min Scan# 4938

Delta R.T. -0.000 min

Lab File: BM039317.D

Acq: 06 Apr 2023 14:47

Instrument :

BNA_M

ClientSampleId :

SLCS830

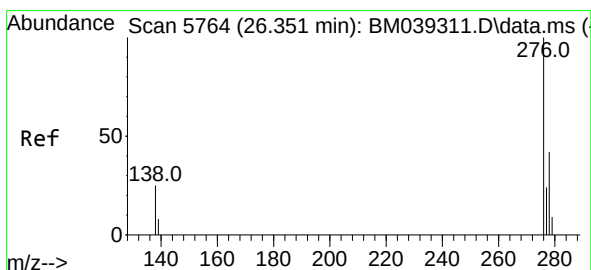
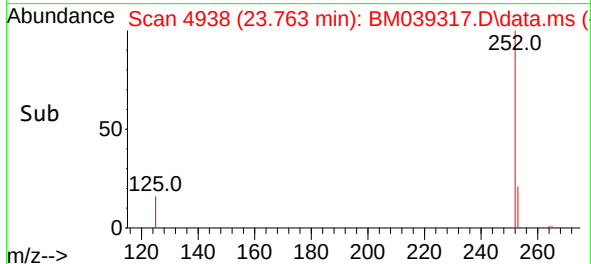
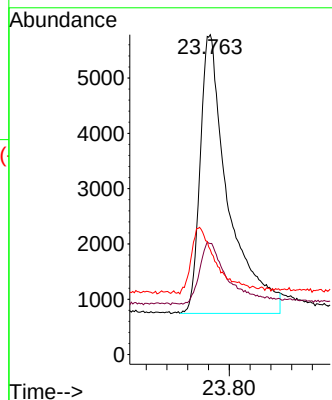
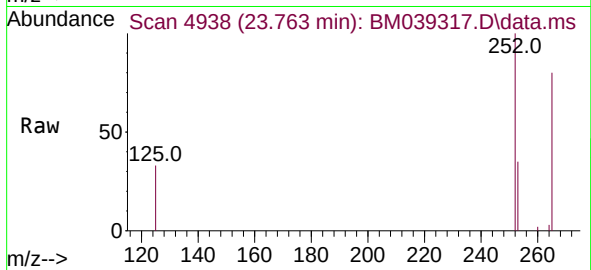
Tgt Ion:252 Resp: 18788

Ion Ratio Lower Upper

252 100

253 34.7 31.0 46.4

125 32.8 28.2 42.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

RT: 26.351 min Scan# 5764

Delta R.T. -0.000 min

Lab File: BM039317.D

Acq: 06 Apr 2023 14:47

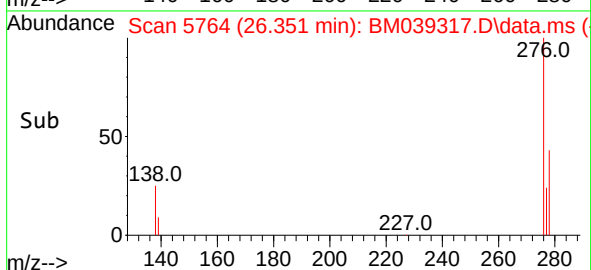
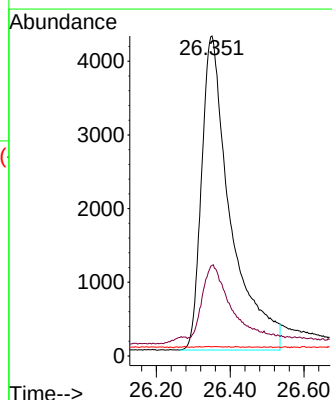
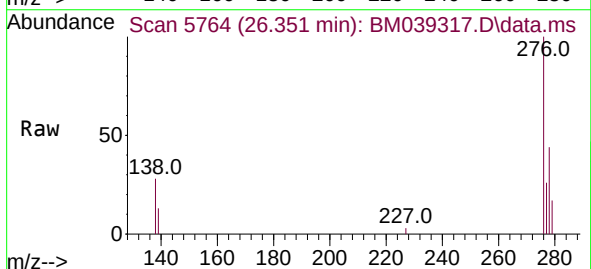
Tgt Ion:276 Resp: 23195

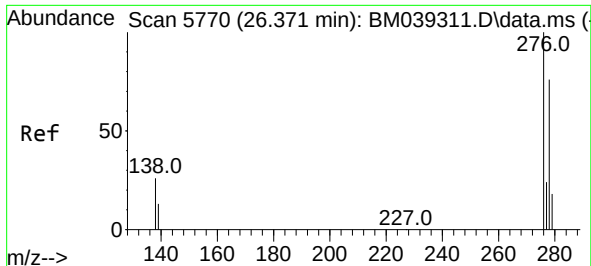
Ion Ratio Lower Upper

276 100

138 23.5 21.4 32.0

227 0.1 0.1 0.1

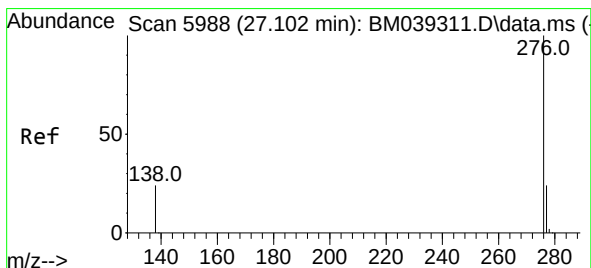
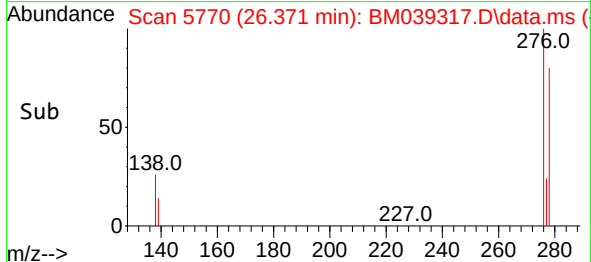
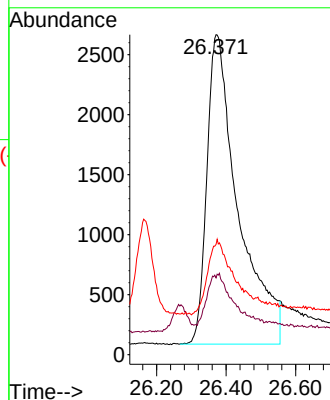
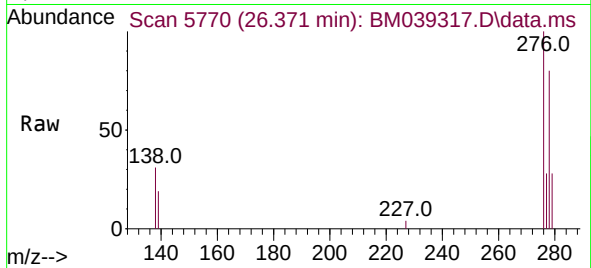




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.371 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Instrument :
BNA_M
ClientSampleId :
SLCS830

Tgt Ion:278 Resp: 16152
Ion Ratio Lower Upper
278 100
139 24.0 21.8 32.6
279 34.4 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.105 min Scan# 5989
Delta R.T. 0.003 min
Lab File: BM039317.D
Acq: 06 Apr 2023 14:47

Tgt Ion:276 Resp: 21931
Ion Ratio Lower Upper
276 100
138 27.5 22.2 33.2
277 25.5 21.2 31.8

