

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037160.D
 Acq On : 21 Oct 2022 05:46
 Operator : CG/JU
 Sample : PB148364BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS364

Quant Time: Oct 21 06:24:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

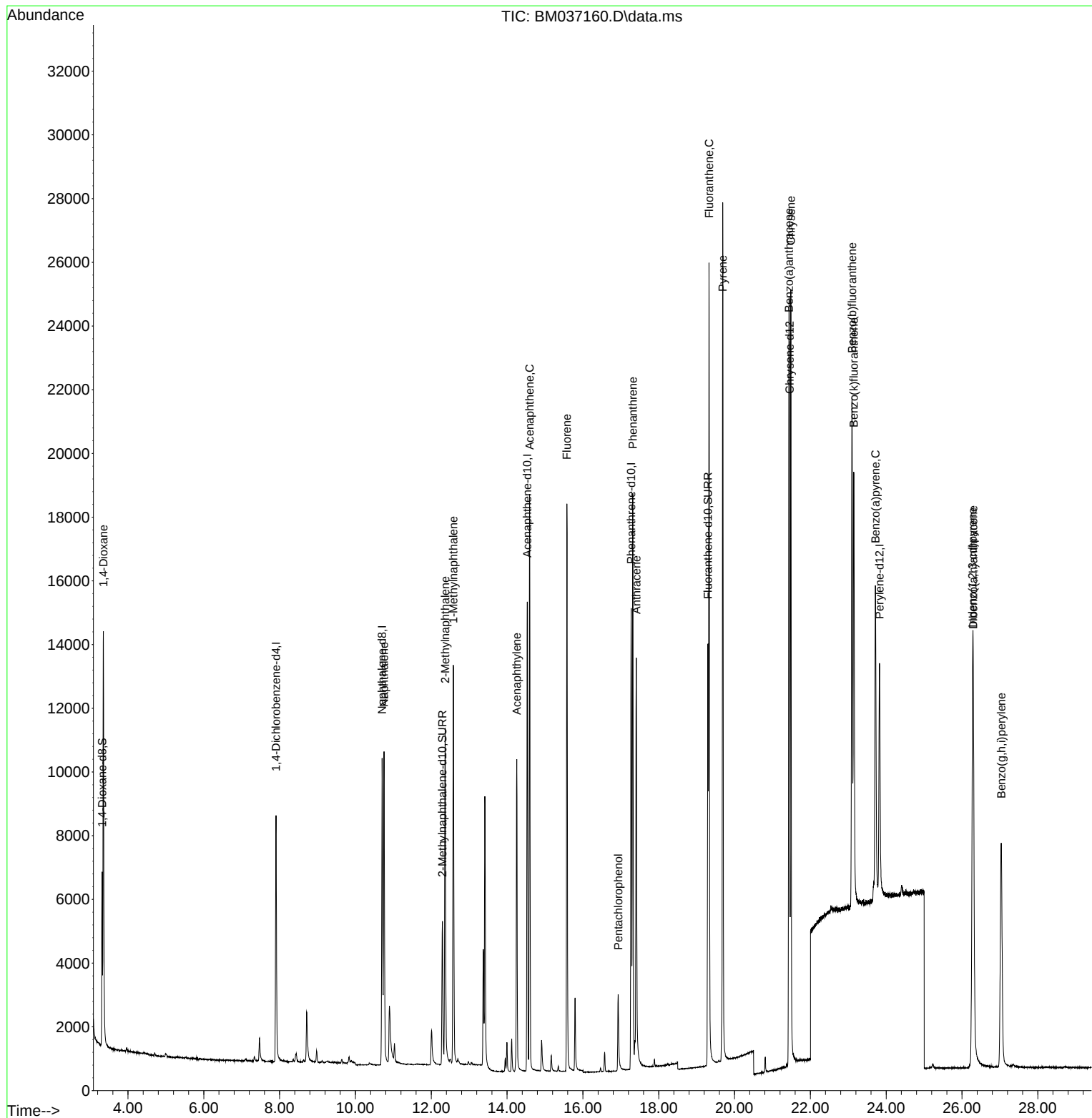
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.905	152	4598	0.400 ng/u1	0.00
4) Naphthalene-d8	10.704	136	13763	0.400 ng/u1	0.00
9) Acenaphthene-d10	14.533	164	7922	0.400 ng/u1	0.00
13) Phenanthrene-d10	17.275	188	17501	0.400 ng/u1	0.00
17) Chrysene-d12	21.450	240	13448	0.400 ng/u1	0.00
23) Perylene-d12	23.823	264	10707	0.400 ng/u1	-0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.318	96	3694	0.659 ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.294	152	6834	0.349 ng/u1	0.00
18) Fluoranthene-d10	19.298	212	15093	0.371 ng/u1	0.00
Target Compounds					
					Qvalue
2) 1,4-Dioxane	3.352	88	9232	1.585 ng/u1	91
5) Naphthalene	10.754	128	14052	0.345 ng/u1	99
7) 2-Methylnaphthalene	12.365	142	8654	0.355 ng/u1	97
8) 1-Methylnaphthalene	12.585	142	9343	0.375 ng/u1	99
10) Acenaphthylene	14.256	152	11582	0.340 ng/u1	99
11) Acenaphthene	14.593	153	10260	0.334 ng/u1	99
12) Fluorene	15.579	166	11632	0.323 ng/u1	99
14) Pentachlorophenol	16.929	266	2080	0.491 ng/u1	98
15) Phenanthrene	17.317	178	19764	0.335 ng/u1	99
16) Anthracene	17.410	178	16112	0.344 ng/u1	100
19) Fluoranthene	19.326	202	22335	0.382 ng/u1	99
20) Pyrene	19.689	202	22986	0.388 ng/u1	98
21) Benzo(a)anthracene	21.433	228	18947	0.363 ng/u1	99
22) Chrysene	21.485	228	21375	0.356 ng/u1	100
24) Benzo(b)fluoranthene	23.098	252	20396	0.360 ng/u1	98
25) Benzo(k)fluoranthene	23.145	252	19652	0.359 ng/u1	98
26) Benzo(a)pyrene	23.718	252	16635	0.365 ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.279	276	19317	0.304 ng/u1#	98
28) Dibenzo(a,h)anthracene	26.299	278	15194	0.303 ng/u1	99
29) Benzo(g,h,i)perylene	27.034	276	16234	0.290 ng/u1	99

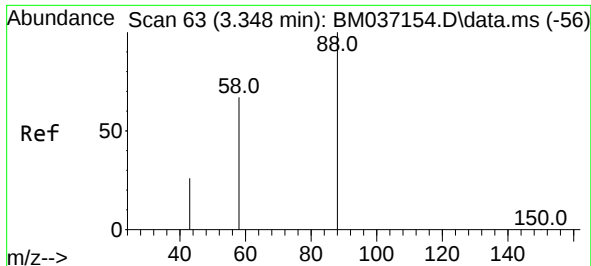
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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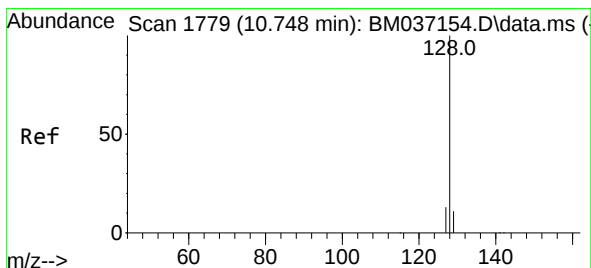
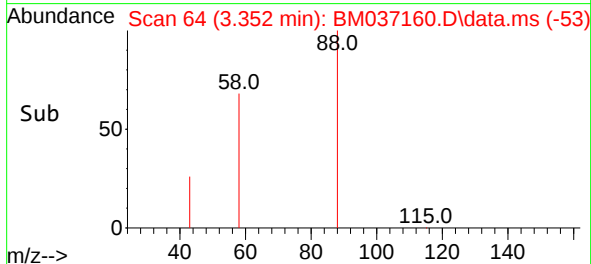
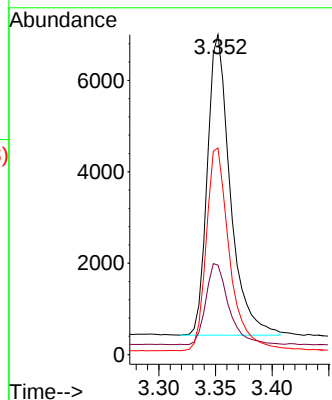
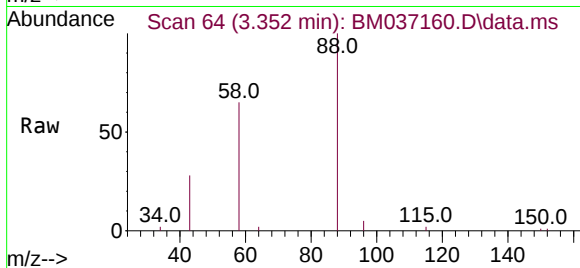




#2
1,4-Dioxane
Concen: 1.585 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

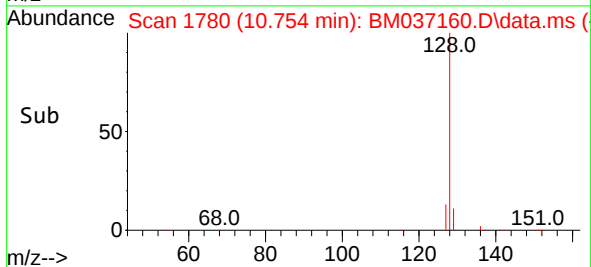
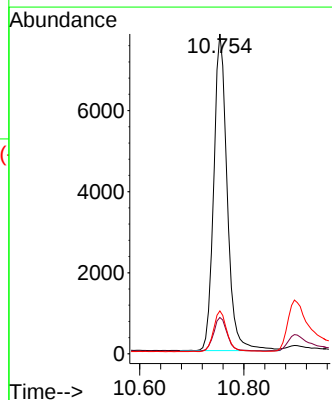
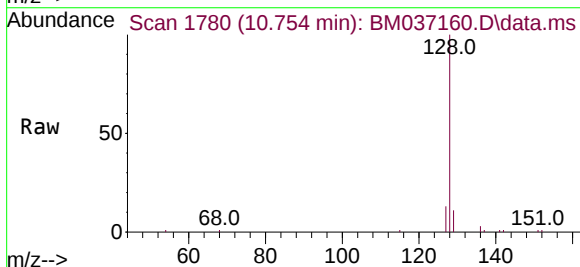
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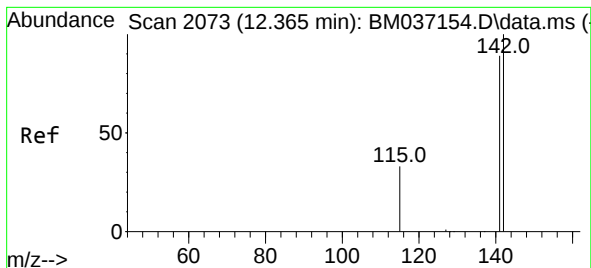
Tgt Ion: 88 Resp: 9232
Ion Ratio Lower Upper
88 100
43 28.0 25.5 38.3
58 64.6 45.8 68.6



#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion: 128 Resp: 14052
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.5 15.7

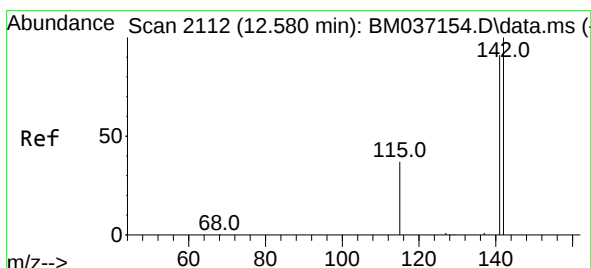
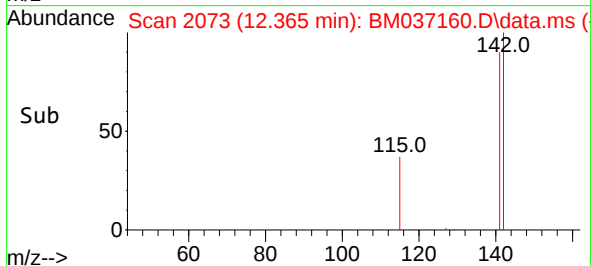
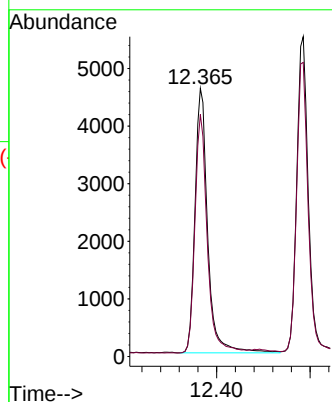
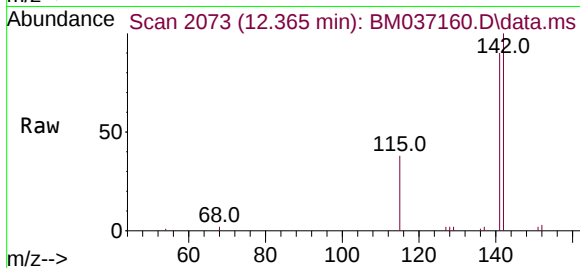




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

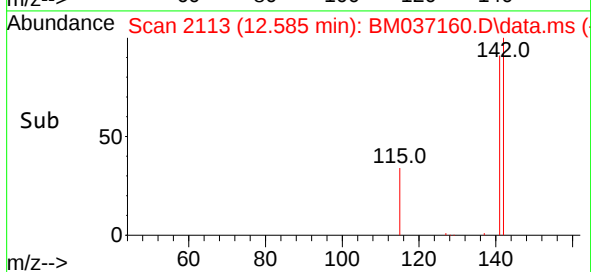
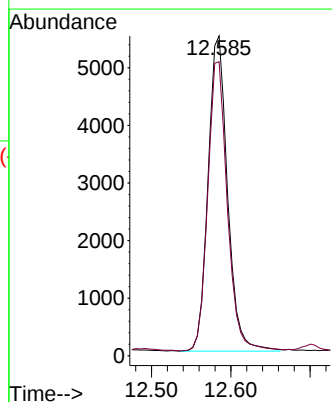
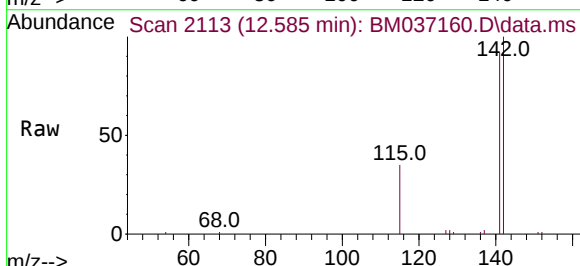
Instrument :
BNA_M
ClientSampleId :
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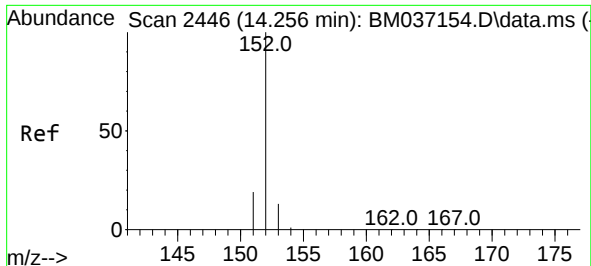
Tgt Ion:142 Resp: 8654
Ion Ratio Lower Upper
142 100
141 88.3 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion:142 Resp: 9343
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

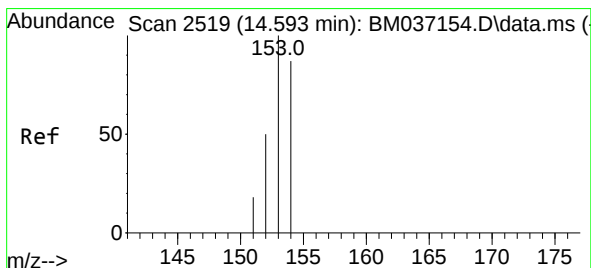
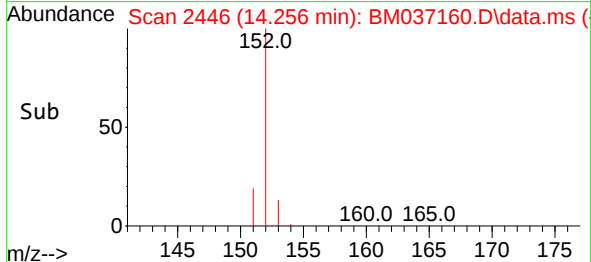
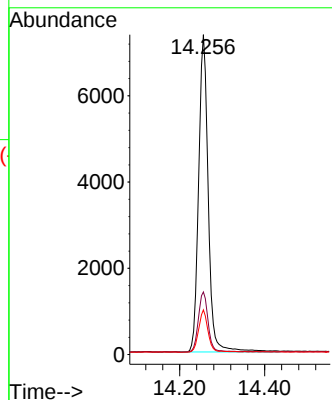
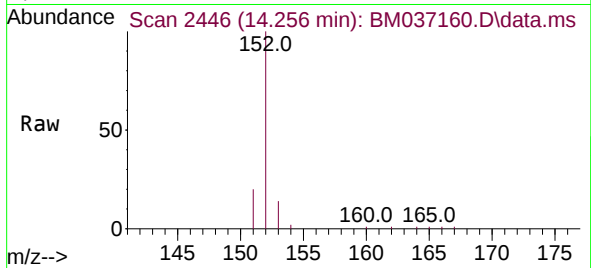




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

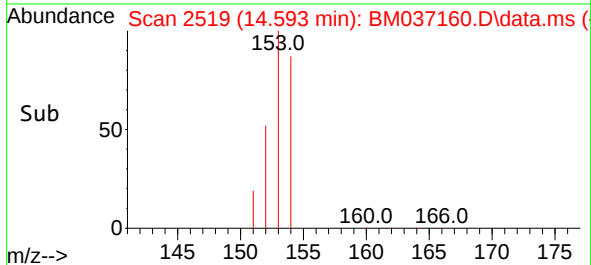
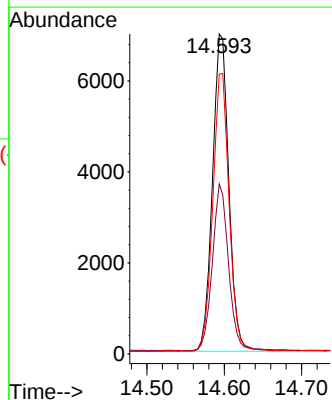
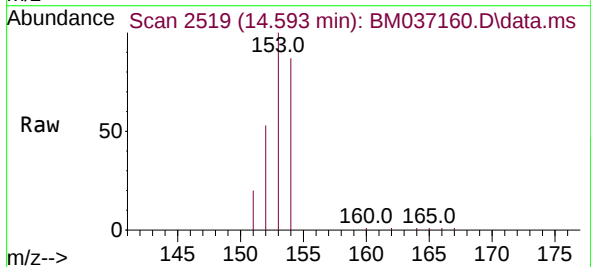
Instrument :
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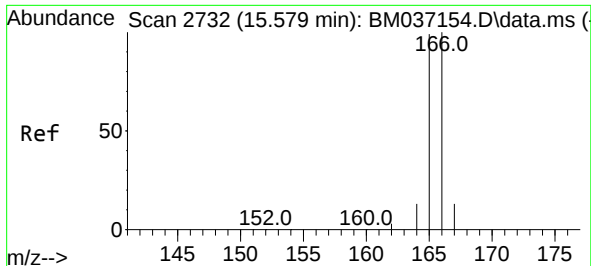
Tgt Ion:152 Resp: 11582
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 14.0 10.8 16.2



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.593 min Scan# 2519
Delta R.T. -0.005 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion:153 Resp: 10260
Ion Ratio Lower Upper
153 100
152 53.1 43.3 64.9
154 87.4 70.0 105.0

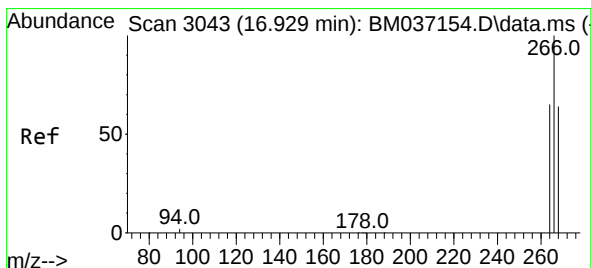
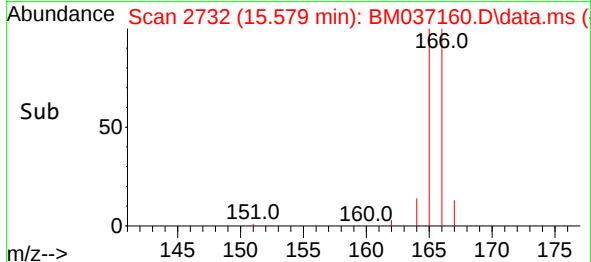
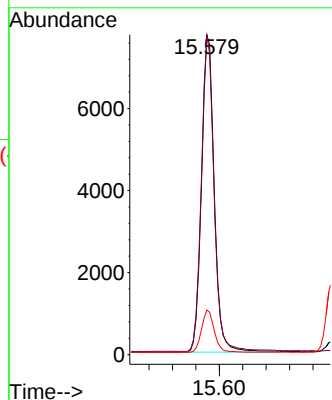
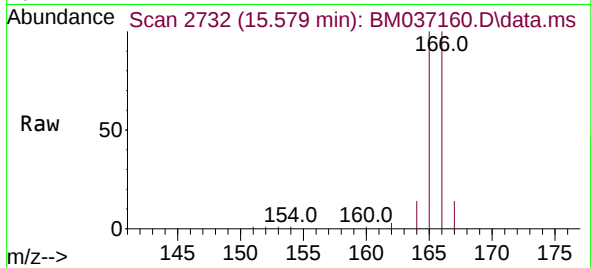




#12
Fluorene
Concen: 0.323 ng/ul
RT: 15.579 min Scan# 2732
Delta R.T. -0.005 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

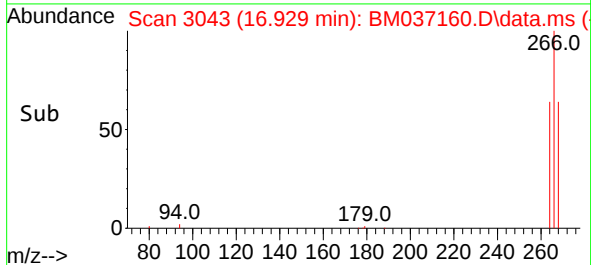
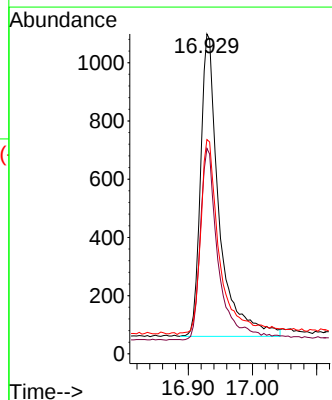
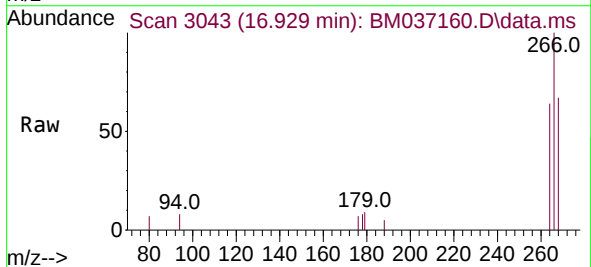
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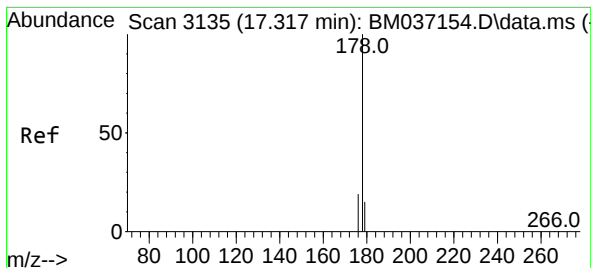
Tgt Ion:166 Resp: 11632
Ion Ratio Lower Upper
166 100
165 100.1 79.4 119.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.491 ng/ul
RT: 16.929 min Scan# 3043
Delta R.T. -0.008 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion:266 Resp: 2080
Ion Ratio Lower Upper
266 100
264 62.2 49.4 74.0
268 66.4 50.5 75.7





#15

Phenanthrene

Concen: 0.335 ng/ul

RT: 17.317 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BM037160.D

Acq: 21 Oct 2022 05:46

Instrument :

BNA_M

ClientSampleId :

SLCS364

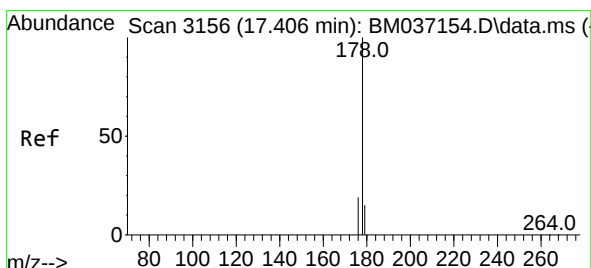
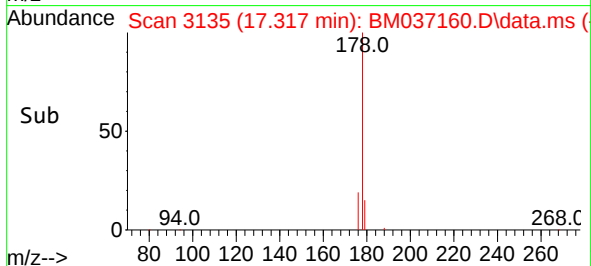
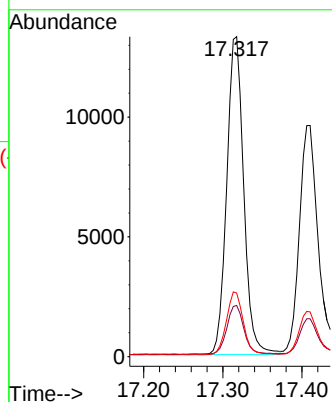
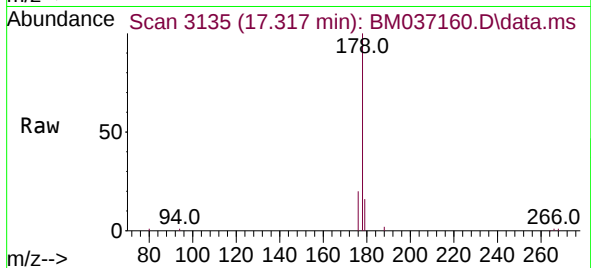
Tgt Ion:178 Resp: 19764

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.6

176 19.9 16.1 24.1



#16

Anthracene

Concen: 0.344 ng/ul

RT: 17.410 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BM037160.D

Acq: 21 Oct 2022 05:46

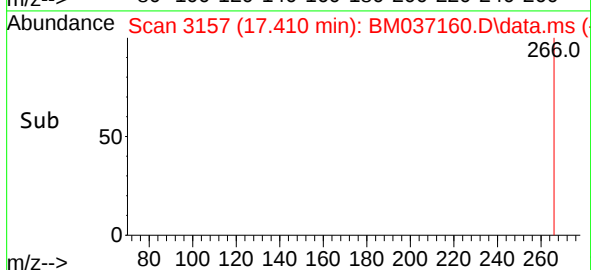
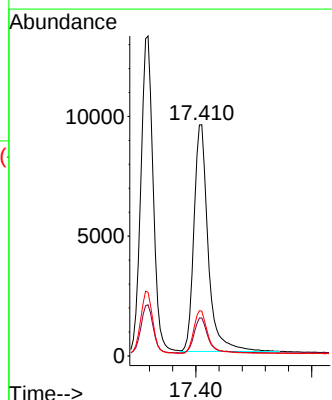
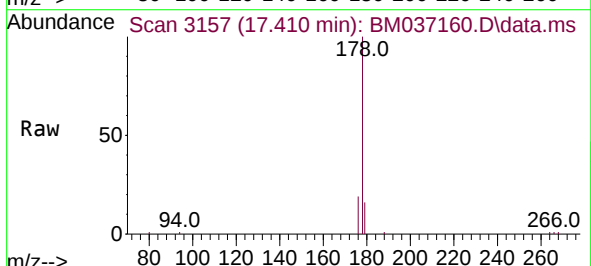
Tgt Ion:178 Resp: 16112

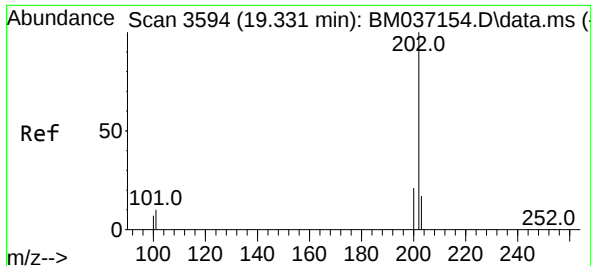
Ion Ratio Lower Upper

178 100

179 16.4 13.1 19.7

176 19.3 15.3 22.9

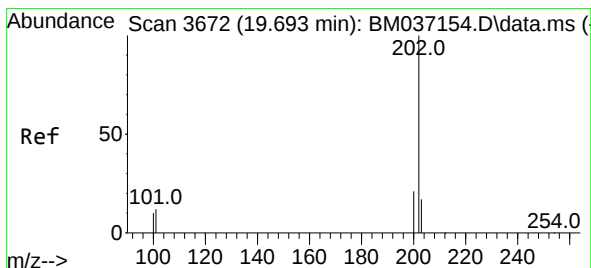
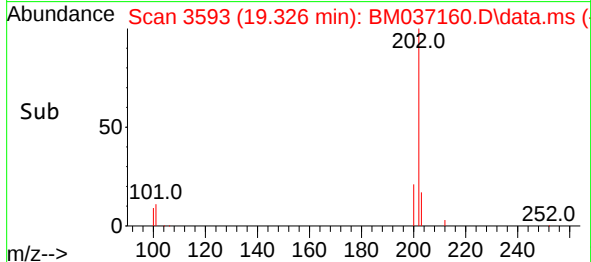
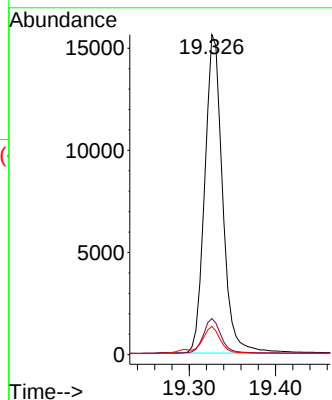
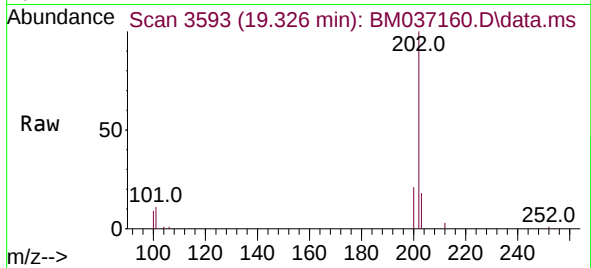




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

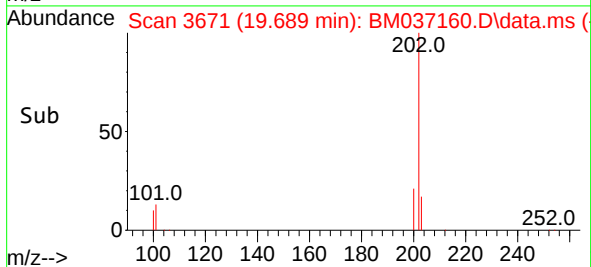
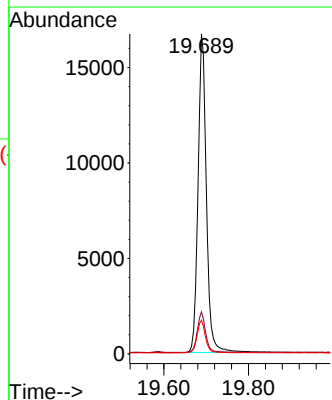
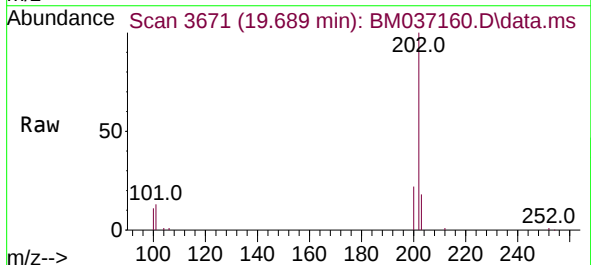
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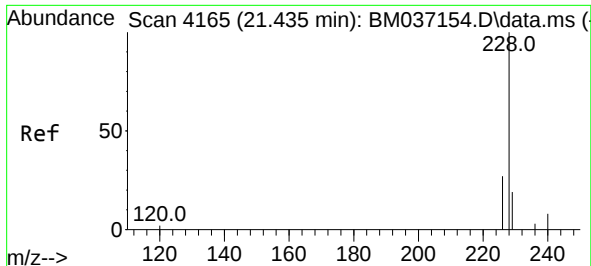
Tgt Ion:202 Resp: 22335
Ion Ratio Lower Upper
202 100
101 11.3 8.9 13.3
100 8.8 6.9 10.3



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion:202 Resp: 22986
Ion Ratio Lower Upper
202 100
101 13.1 9.7 14.5
100 10.5 7.8 11.8

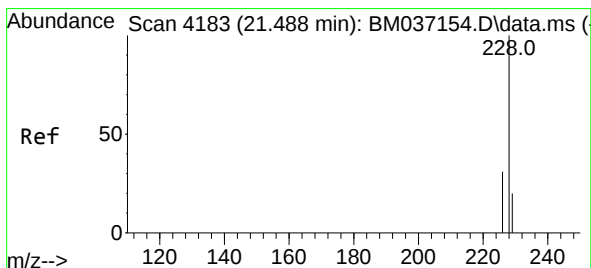
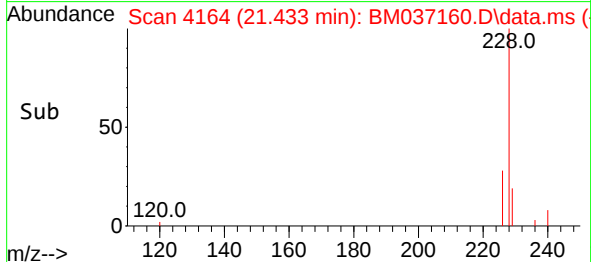
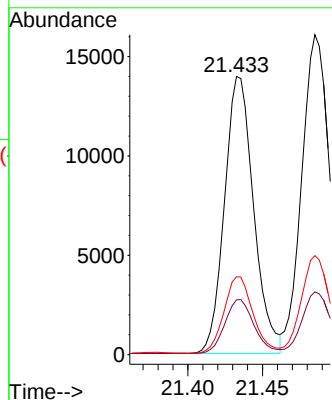
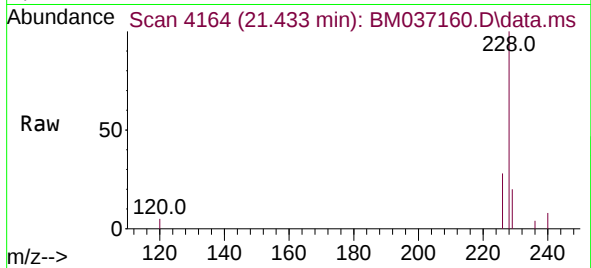




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.433 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

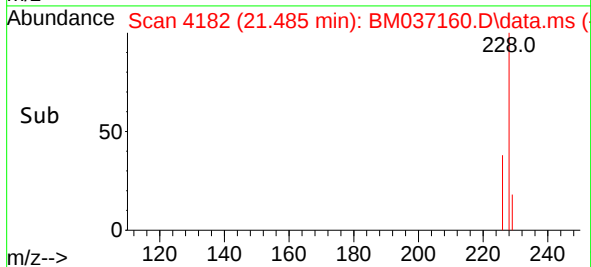
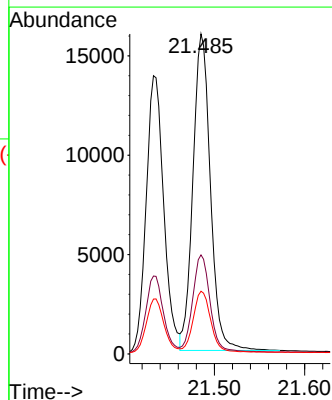
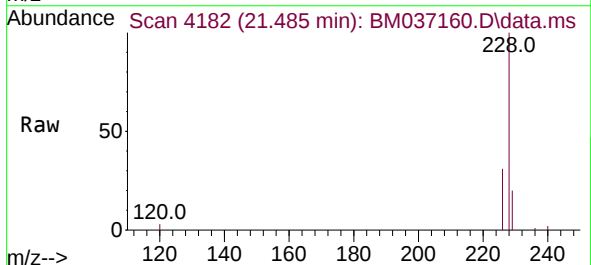
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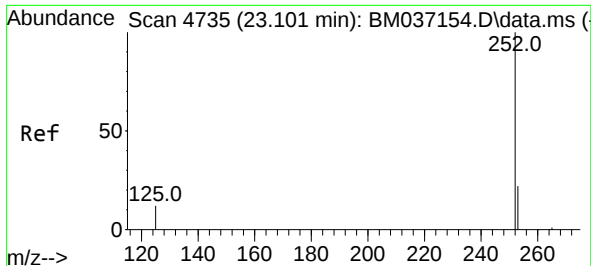
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Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 28.0 21.8 32.8



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion:228 Resp: 21375
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 19.6 16.0 24.0

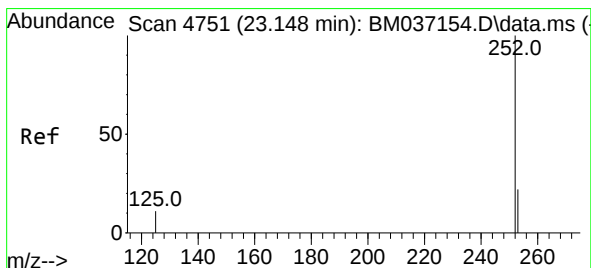
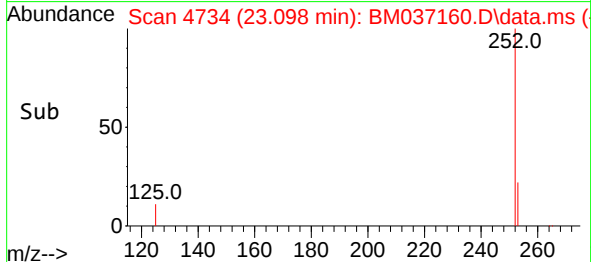
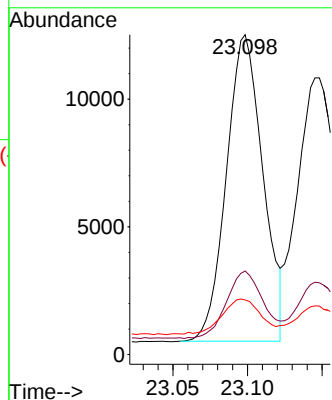
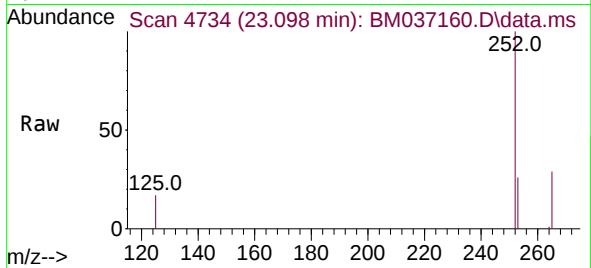




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.098 min Scan# 4734
Delta R.T. -0.012 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

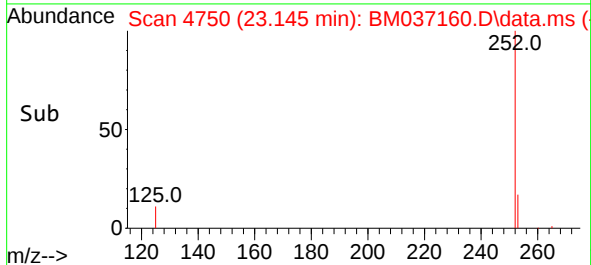
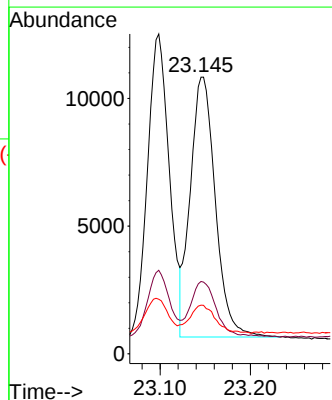
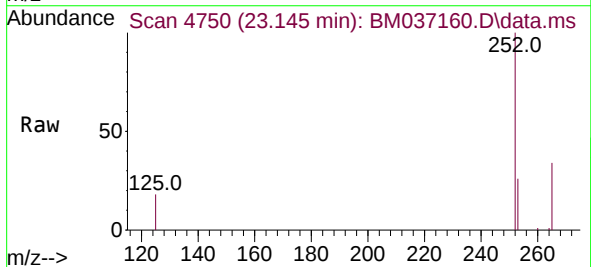
Instrument :
BNA_M
ClientSampleId :
SLCS364

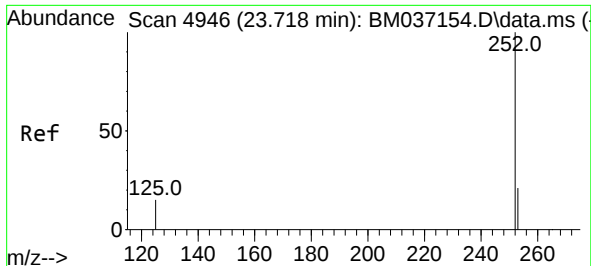
Tgt Ion:252 Resp: 20396
Ion Ratio Lower Upper
252 100
253 26.1 0.0 50.6
125 17.1 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.012 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion:252 Resp: 19652
Ion Ratio Lower Upper
252 100
253 26.2 20.6 30.8
125 17.6 13.3 19.9

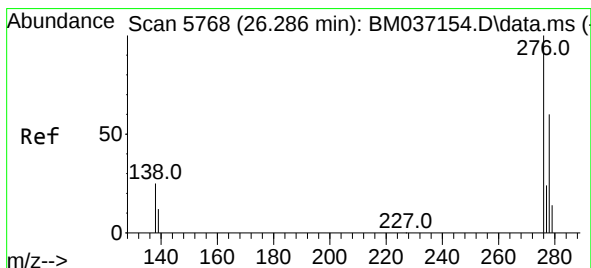
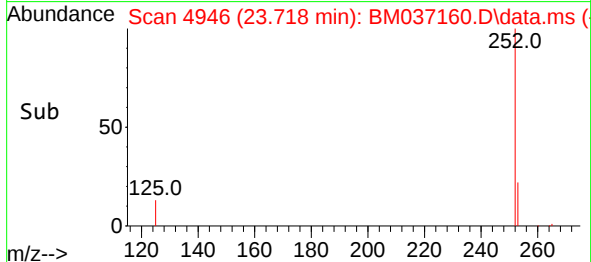
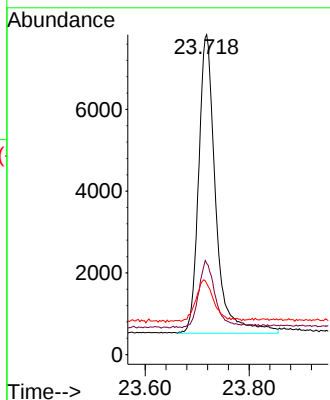
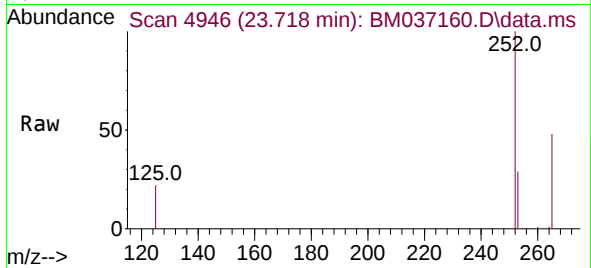




#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.718 min Scan# 4946
Delta R.T. -0.012 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

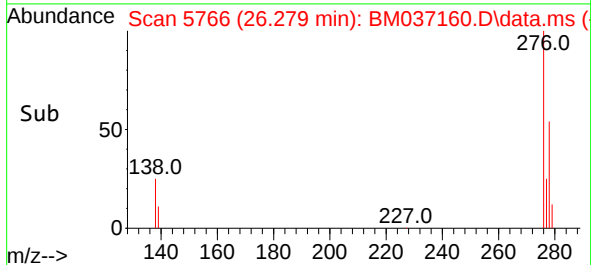
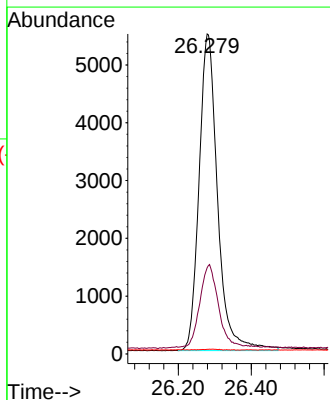
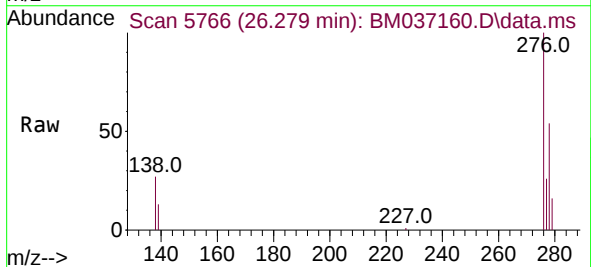
Instrument :
BNA_M
ClientSampleId :
SLCS364

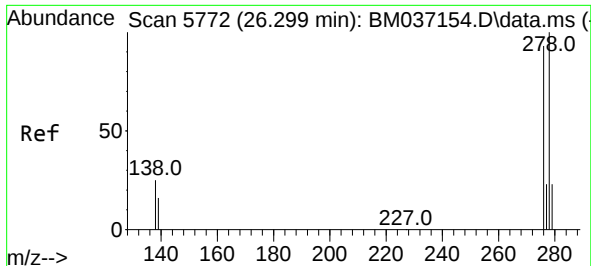
Tgt Ion:	252	Resp:	16635
Ion Ratio	Lower	Upper	
252	100		
253	28.5	22.1	33.1
125	22.2	17.6	26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. -0.020 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion:	276	Resp:	19317
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.4	32.0
227	0.2	0.1	0.1#

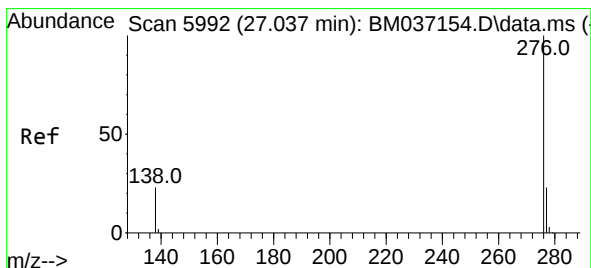
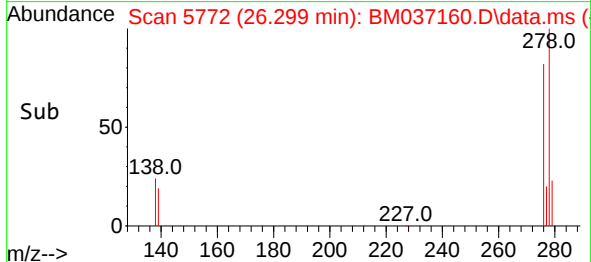
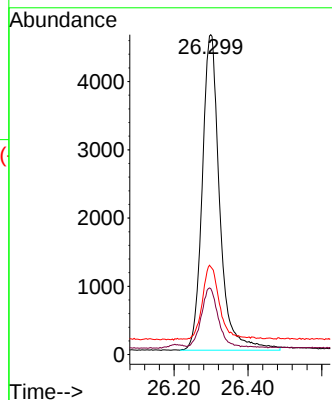
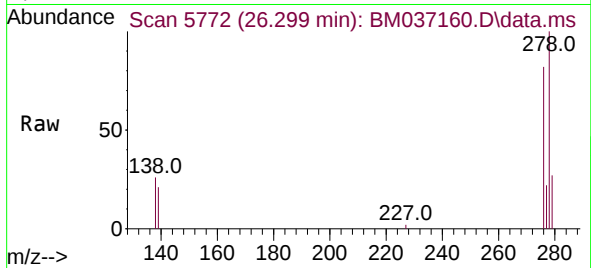




#28
Dibenzo(a,h)anthracene
Concen: 0.303 ng/ul
RT: 26.299 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Instrument :
BNA_M
ClientSampleId :
SLCS364

Tgt Ion:278 Resp: 15194
Ion Ratio Lower Upper
278 100
139 20.6 16.3 24.5
279 27.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.290 ng/ul
RT: 27.034 min Scan# 5991
Delta R.T. -0.024 min
Lab File: BM037160.D
Acq: 21 Oct 2022 05:46

Tgt Ion:276 Resp: 16234
Ion Ratio Lower Upper
276 100
138 25.9 19.8 29.8
277 25.3 20.1 30.1

