

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037045.D
 Acq On : 14 Oct 2022 08:57
 Operator : CG/JU
 Sample : PB148240BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS240

Quant Time: Oct 15 02:44:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

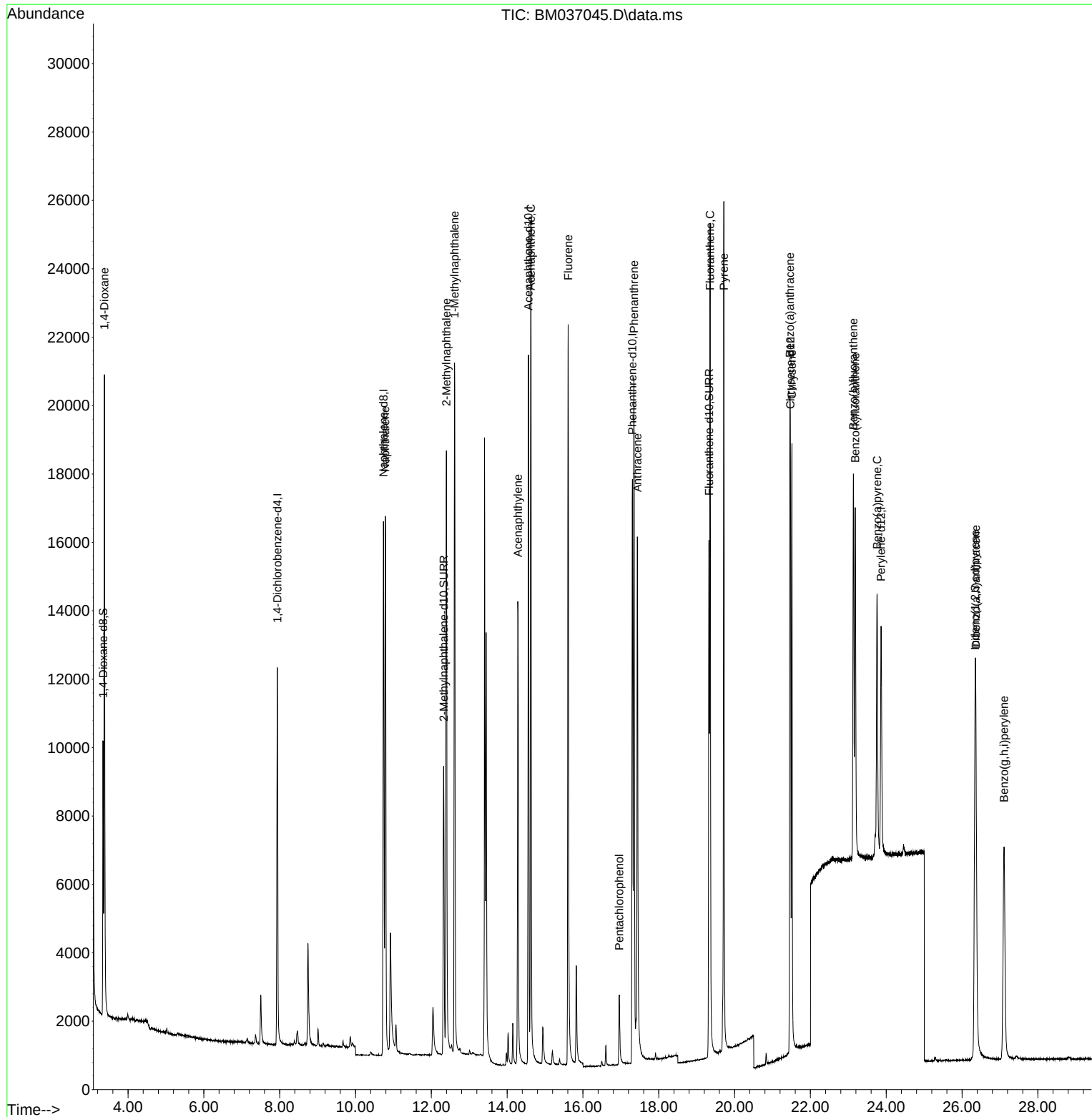
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6135	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	22555	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.561	164	12017	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	22002	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	12174	0.400	ng/ul	0.00
23) Perylene-d12	23.864	264	9693	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	5270	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	12410	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	17233	0.473	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	12669	1.498	ng/ul#	78
5) Naphthalene	10.787	128	22347	0.347	ng/ul	97
7) 2-Methylnaphthalene	12.398	142	13795	0.350	ng/ul	91
8) 1-Methylnaphthalene	12.613	142	14655	0.366	ng/ul	99
10) Acenaphthylene	14.284	152	17357	0.348	ng/ul	99
11) Acenaphthene	14.626	153	14813	0.342	ng/ul	100
12) Fluorene	15.611	166	15819	0.322	ng/ul	99
14) Pentachlorophenol	16.959	266	1825	0.343	ng/ul	98
15) Phenanthrene	17.347	178	23300	0.332	ng/ul	99
16) Anthracene	17.436	178	19661	0.335	ng/ul	99
19) Fluoranthene	19.354	202	21621	0.447	ng/ul	100
20) Pyrene	19.717	202	21517	0.426	ng/ul	99
21) Benzo(a)anthracene	21.459	228	15115	0.344	ng/ul	99
22) Chrysene	21.511	228	16249	0.344	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	15217	0.351	ng/ul	95
25) Benzo(k)fluoranthene	23.183	252	14372	0.341	ng/ul	96
26) Benzo(a)pyrene	23.759	252	12611	0.359	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.343	276	16906	0.340	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.363	278	13335	0.332	ng/ul	94
29) Benzo(g,h,i)perylene	27.108	276	14782	0.337	ng/ul	100

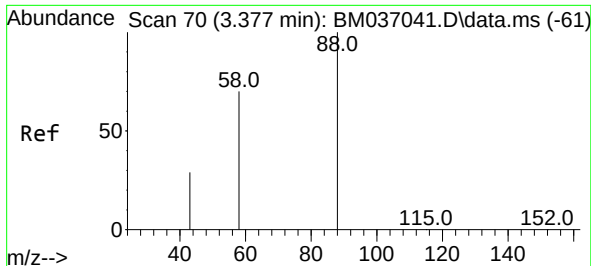
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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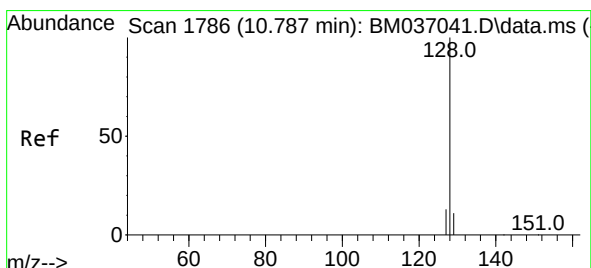
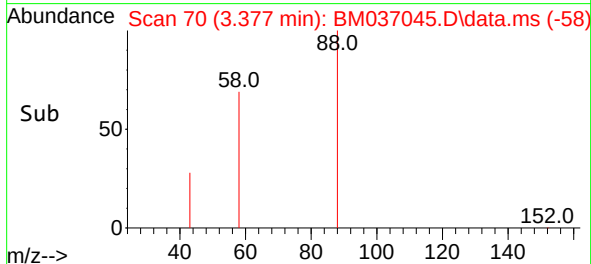
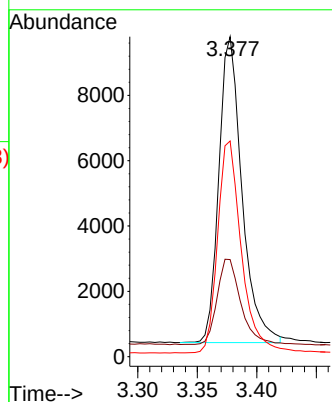
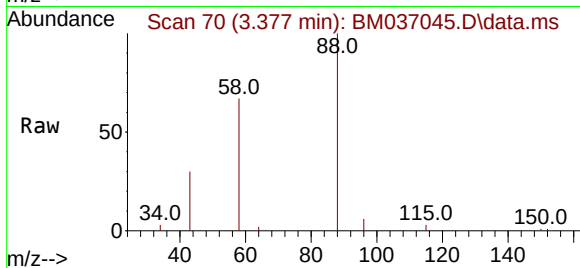




#2
1,4-Dioxane
Concen: 1.498 ng/ul
RT: 3.377 min Scan# 70
Delta R.T. 0.000 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

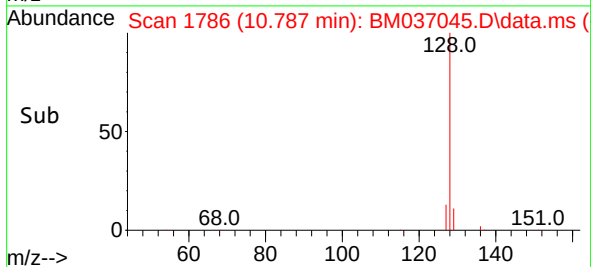
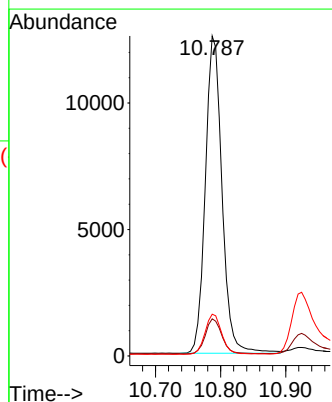
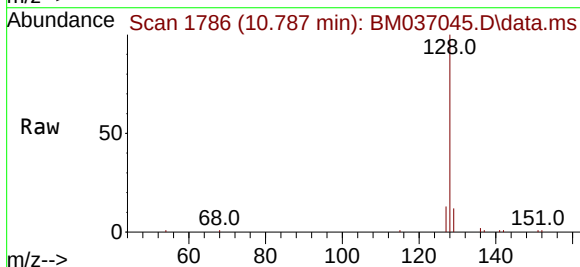
Instrument :
BNA_M
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SLCS240

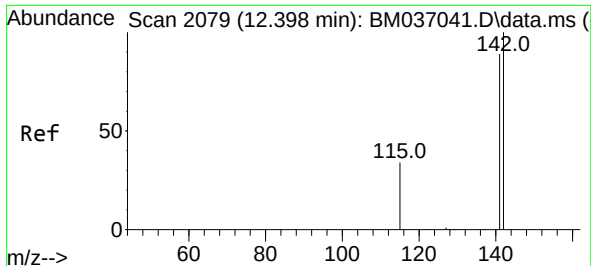
Tgt Ion: 88 Resp: 12669
Ion Ratio Lower Upper
88 100
43 30.3 37.8 56.6#
58 67.4 42.6 63.8#



#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion: 128 Resp: 22347
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.1 11.7 17.5

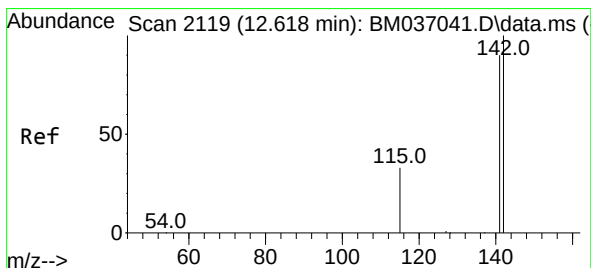
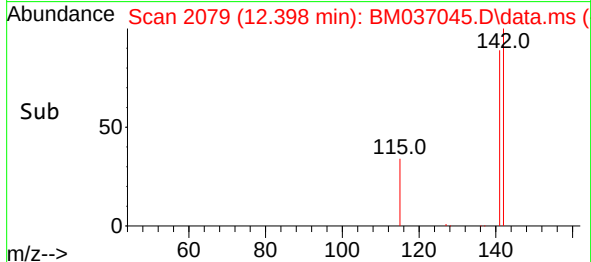
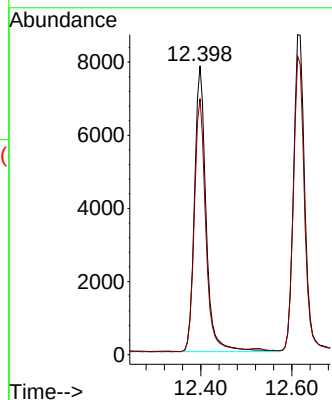
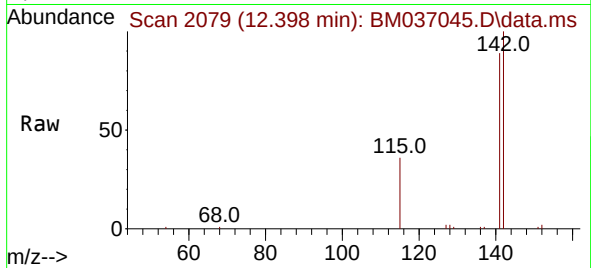




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

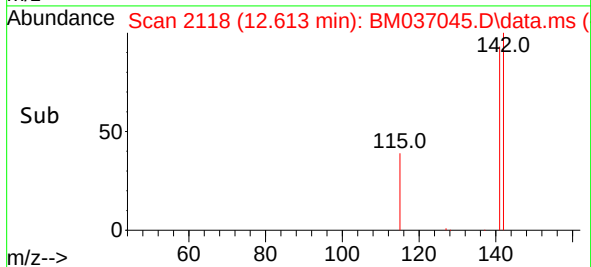
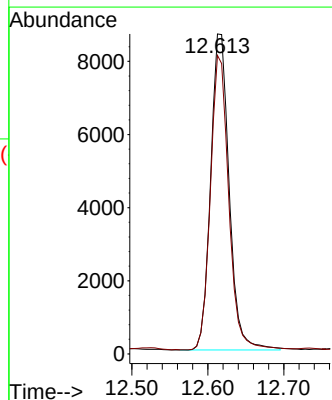
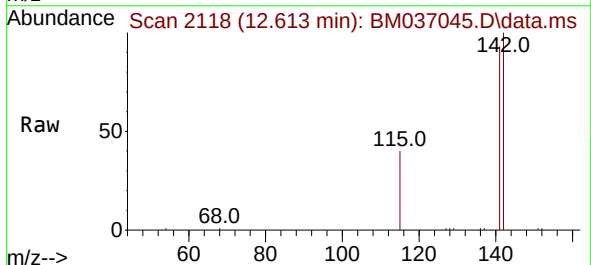
Instrument :
BNA_M
ClientSampleId :
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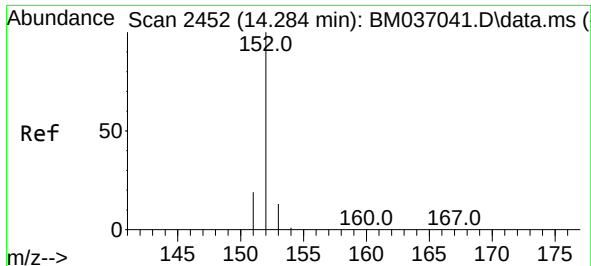
Tgt Ion:142 Resp: 13795
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:142 Resp: 14655
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1

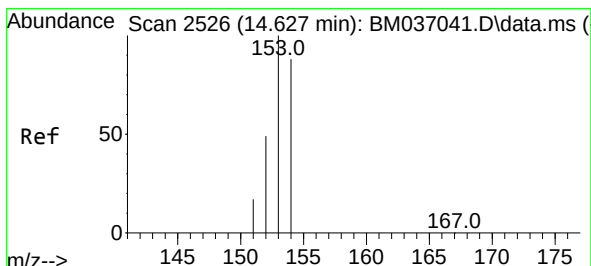
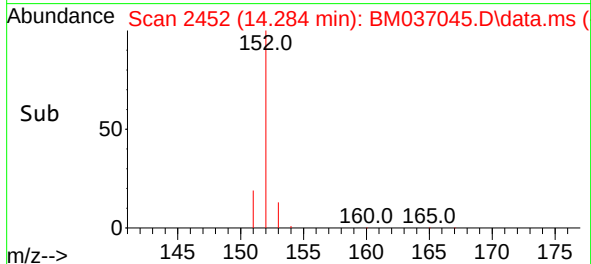
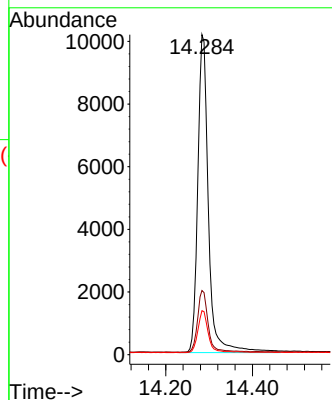
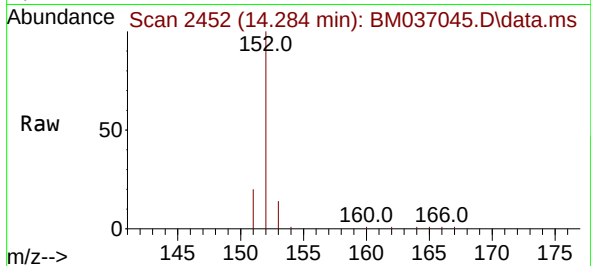




#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

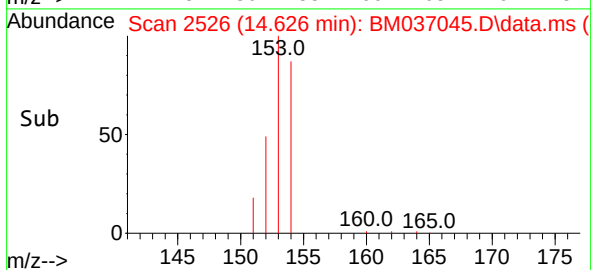
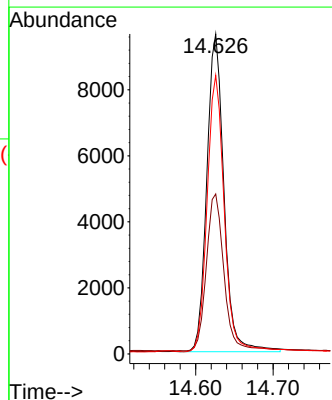
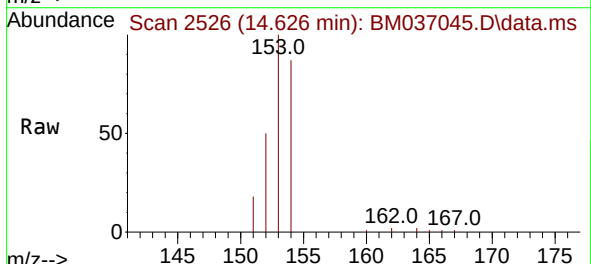
Instrument :
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ClientSampleId :
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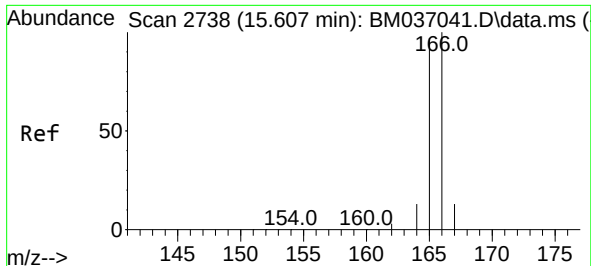
Tgt Ion:152 Resp: 17357
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.626 min Scan# 2526
Delta R.T. -0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:153 Resp: 14813
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 87.1 69.7 104.5

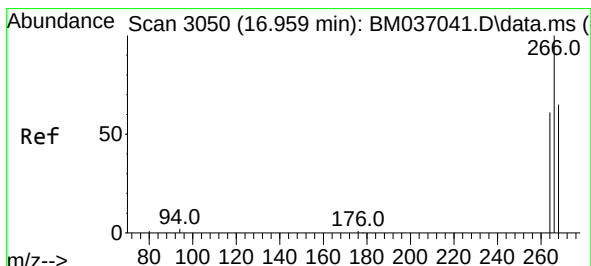
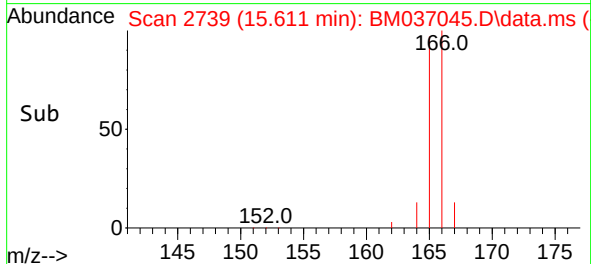
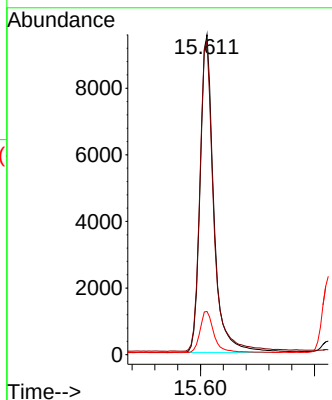
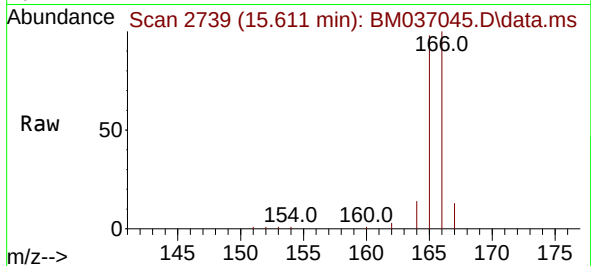




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.611 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

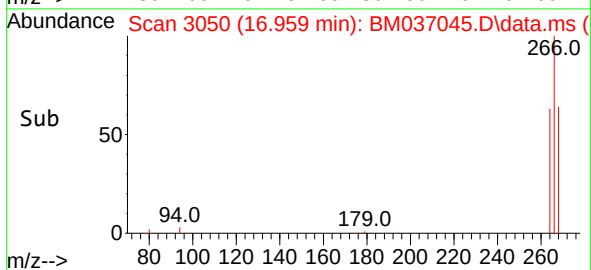
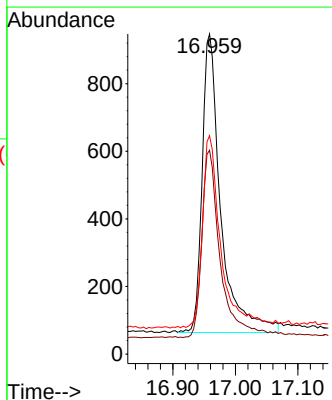
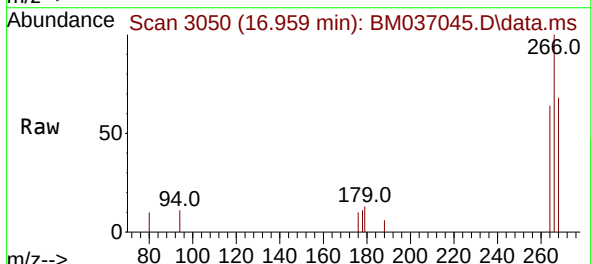
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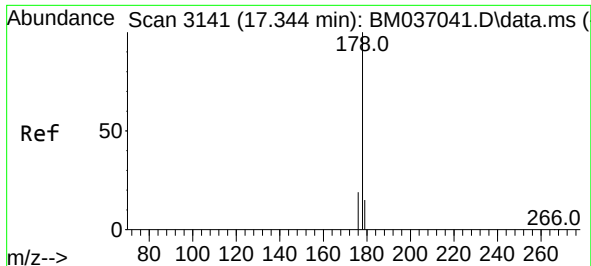
Tgt Ion:166 Resp: 15819
Ion Ratio Lower Upper
166 100
165 97.9 78.9 118.3
167 13.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.343 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:266 Resp: 1825
Ion Ratio Lower Upper
266 100
264 62.6 50.3 75.5
268 64.4 53.5 80.3

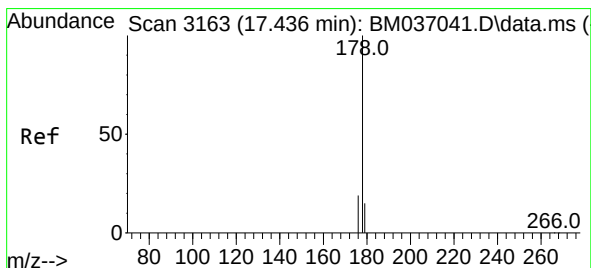
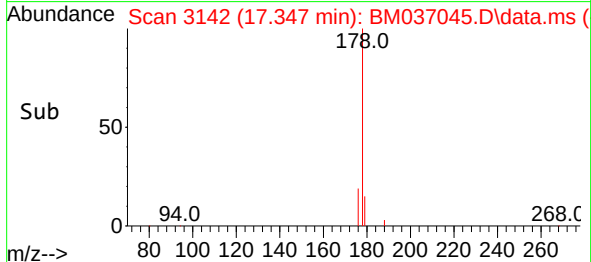
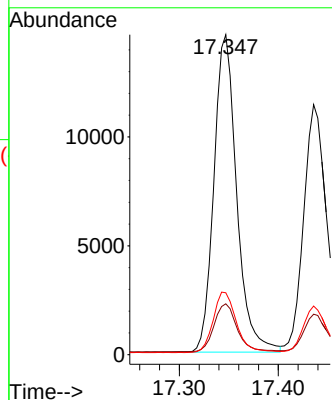
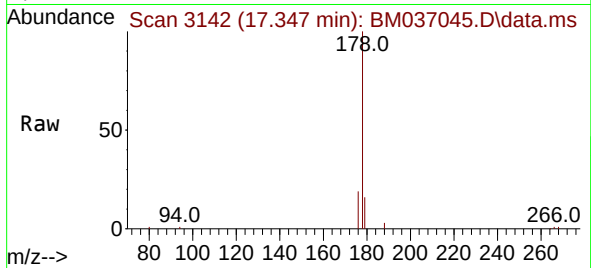




#15
Phenanthrene
Concen: 0.332 ng/u1
RT: 17.347 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

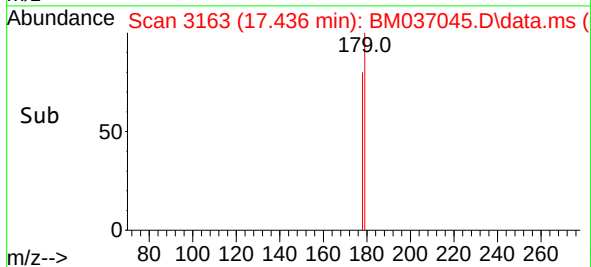
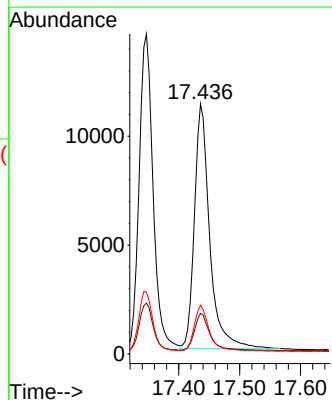
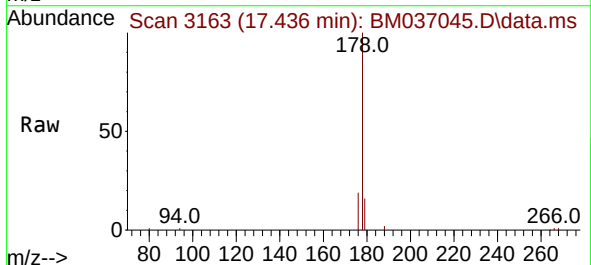
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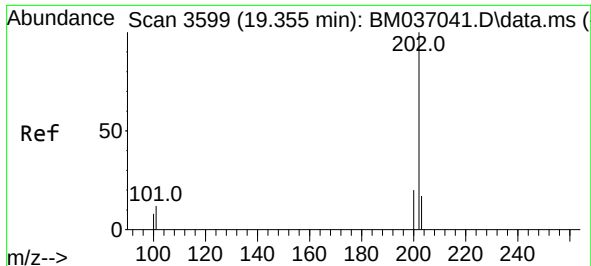
Tgt Ion:178 Resp: 23300
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.335 ng/u1
RT: 17.436 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:178 Resp: 19661
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.5 15.6 23.4

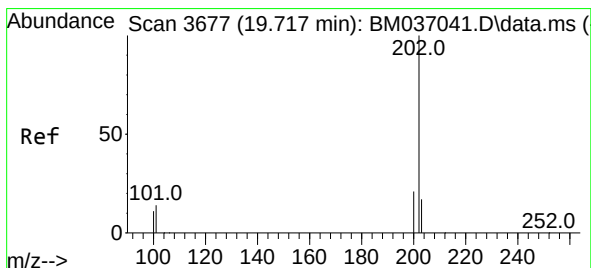
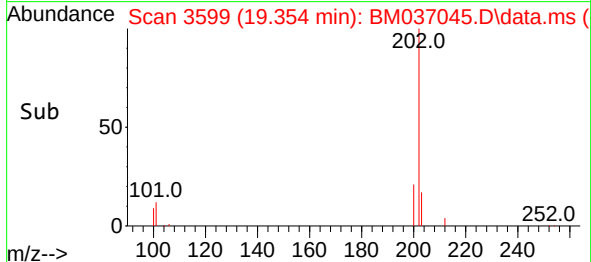
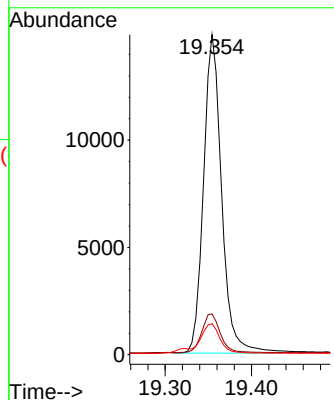
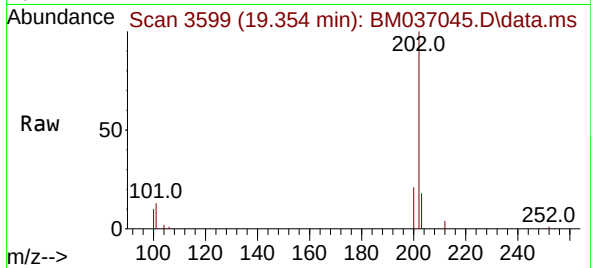




#19
Fluoranthene
Concen: 0.447 ng/ul
RT: 19.354 min Scan# 3599
Delta R.T. -0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

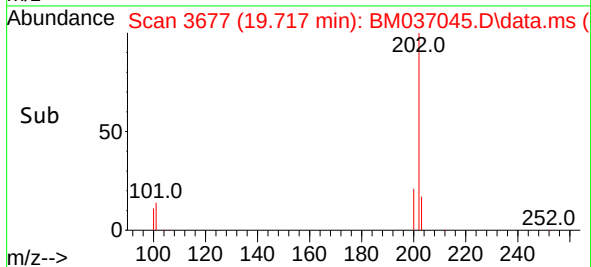
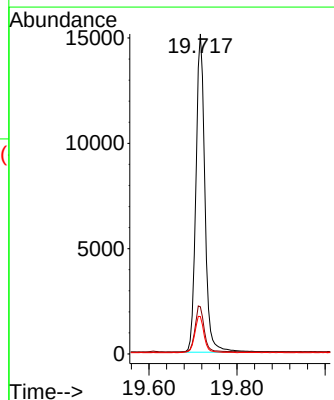
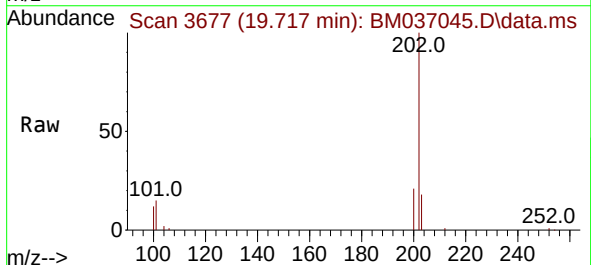
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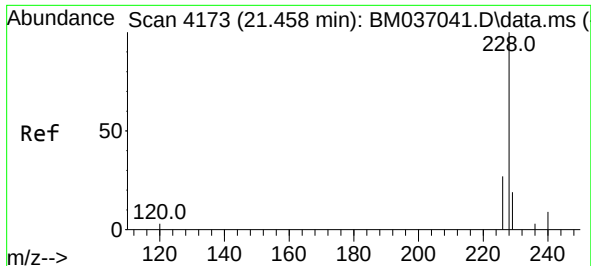
Tgt Ion:202 Resp: 21621
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.717 min Scan# 3677
Delta R.T. -0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:202 Resp: 21517
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.7 9.8 14.6

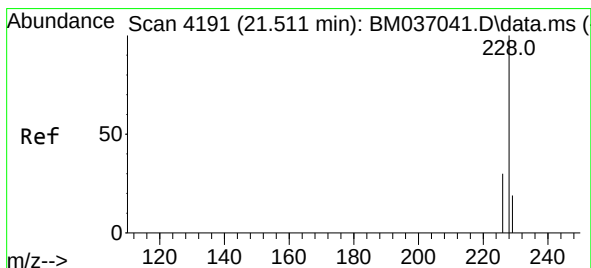
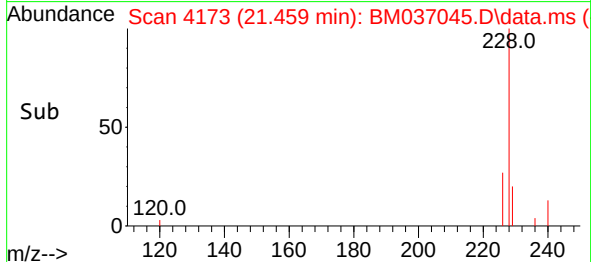
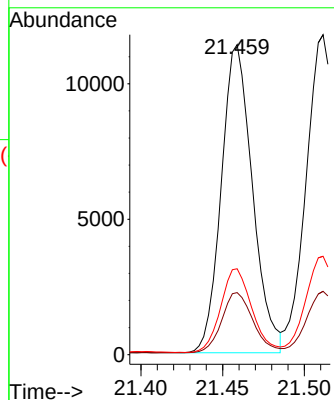
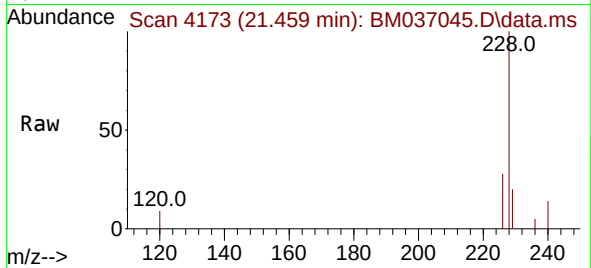




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

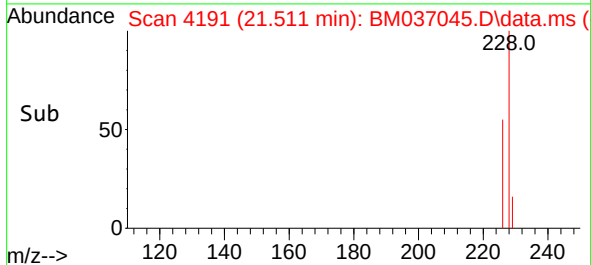
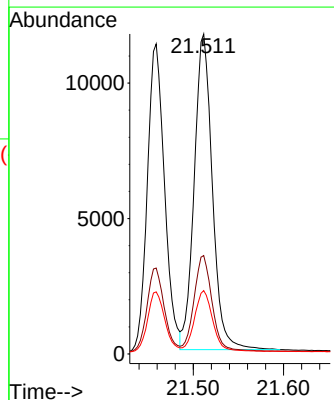
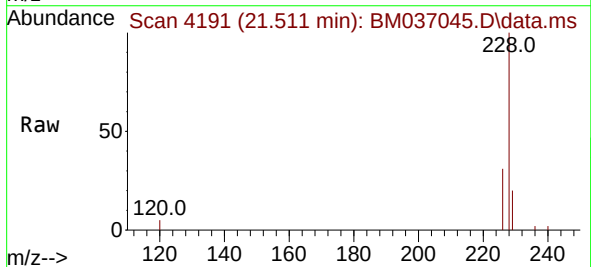
Instrument :
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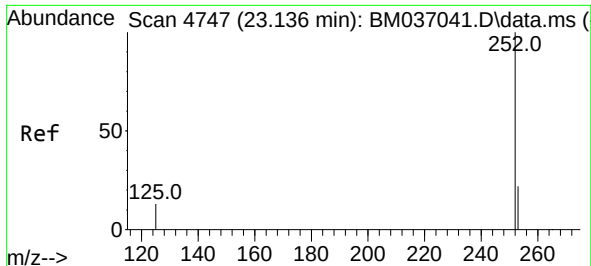
Tgt Ion:228 Resp: 15115
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.7 22.5 33.7



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. 0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:228 Resp: 16249
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.8 16.4 24.6

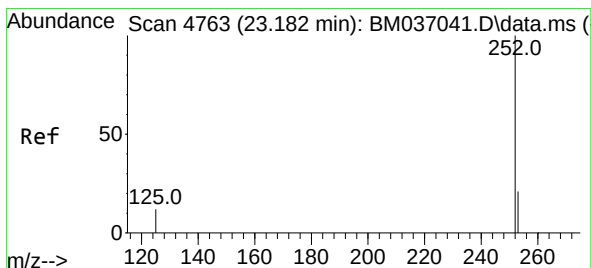
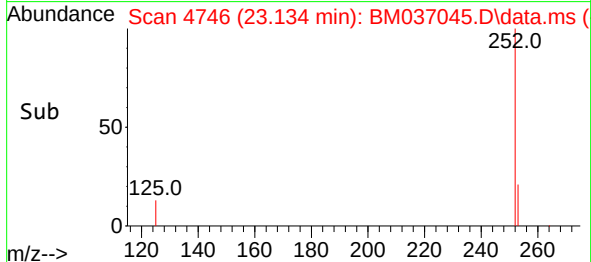
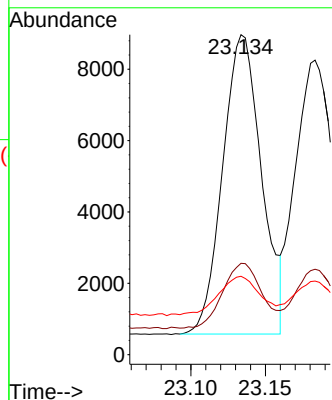
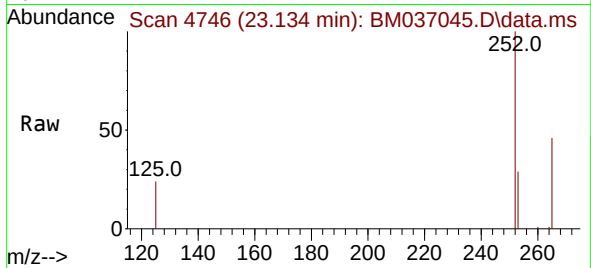




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.002 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

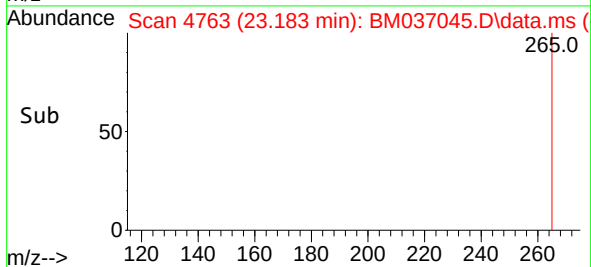
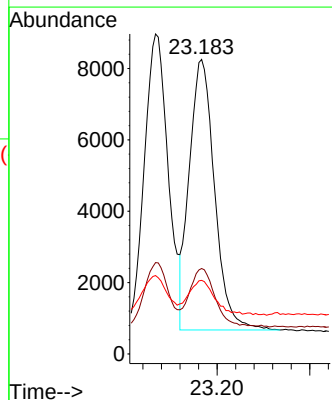
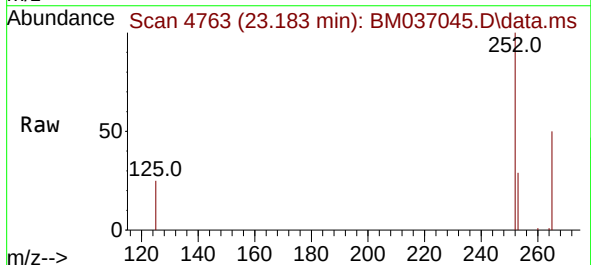
Instrument :
BNA_M
ClientSampleId :
SLCS240

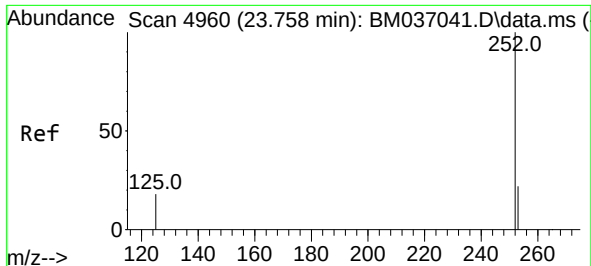
Tgt Ion:252	Resp:	15217
Ion Ratio	Lower	Upper
252	100	
253	28.6	0.0 61.4
125	24.5	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:252	Resp:	14372
Ion Ratio	Lower	Upper
252	100	
253	29.0	25.2 37.8
125	25.0	18.3 27.5

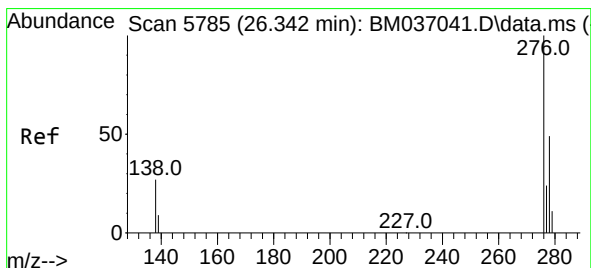
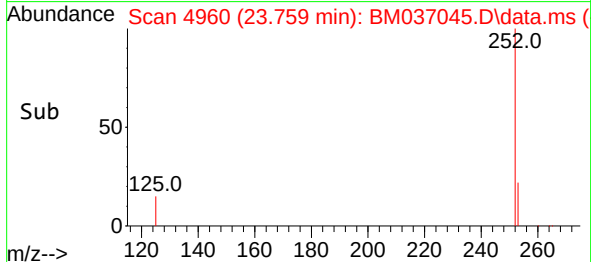
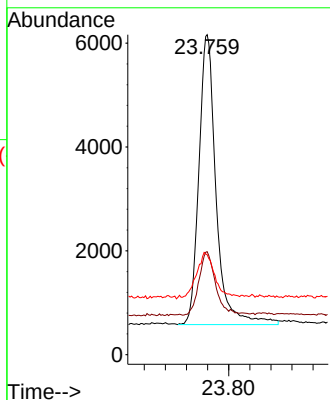
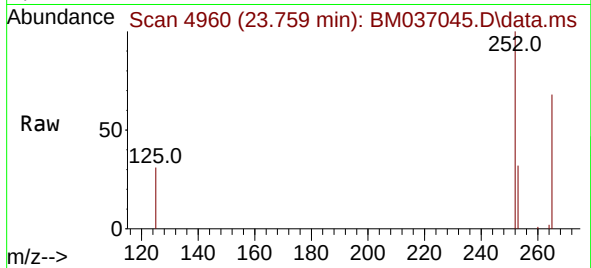




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.759 min Scan# 4960
Delta R.T. 0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

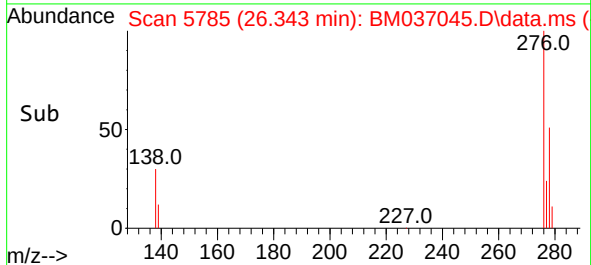
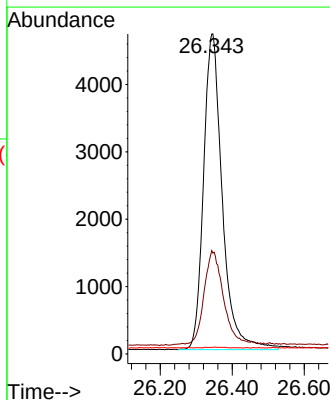
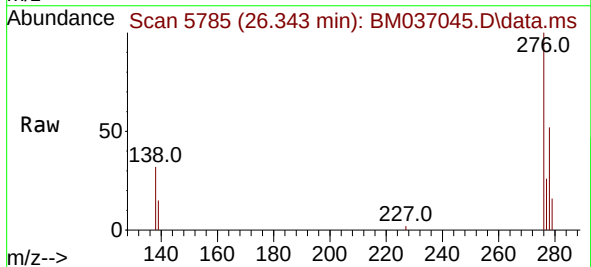
Instrument :
BNA_M
ClientSampleId :
SLCS240

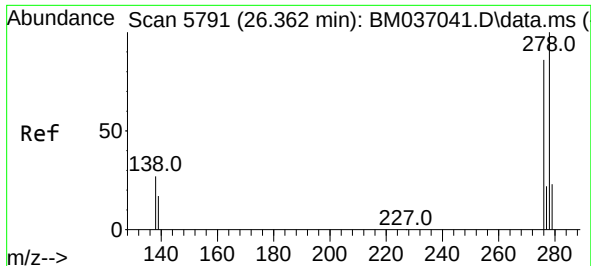
Tgt Ion:	252	Resp:	12611
Ion Ratio	Lower	Upper	
252	100		
253	32.2	29.7	44.5
125	31.2	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng/ul
RT: 26.343 min Scan# 5785
Delta R.T. 0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:	276	Resp:	16906
Ion Ratio	Lower	Upper	
276	100		
138	30.7	23.9	35.9
227	0.2	0.1	0.1

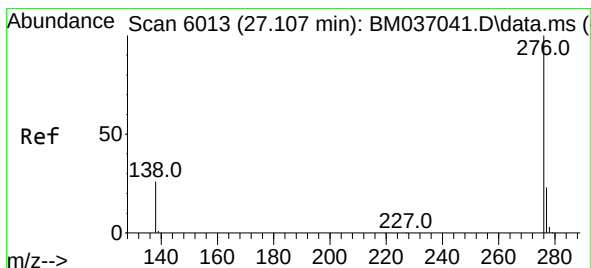
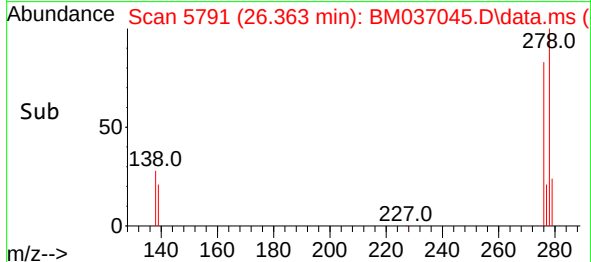
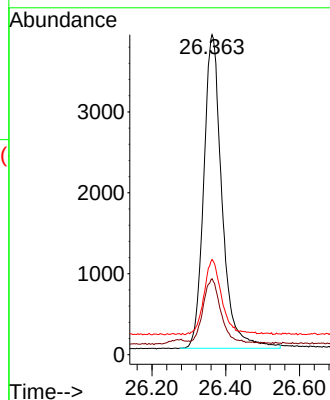
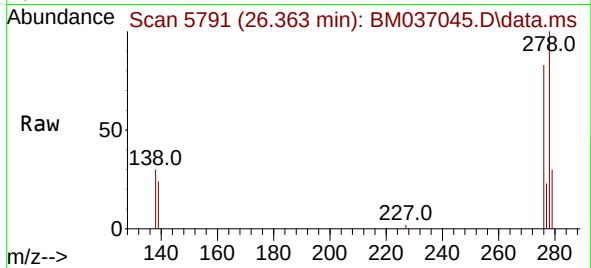




#28
Dibenzo(a,h)anthracene
Concen: 0.332 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Instrument :
BNA_M
ClientSampleId :
SLCS240

Tgt Ion:278 Resp: 13335
Ion Ratio Lower Upper
278 100
139 23.7 19.8 29.6
279 29.8 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.108 min Scan# 6013
Delta R.T. 0.001 min
Lab File: BM037045.D
Acq: 14 Oct 2022 08:57

Tgt Ion:276 Resp: 14782
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 25.7 21.0 31.4

