

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
 Data File : BM038346.D
 Acq On : 29 Dec 2022 16:51
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV035

Quant Time: Dec 30 01:44:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 01:43:54 2022
 Response via : Initial Calibration

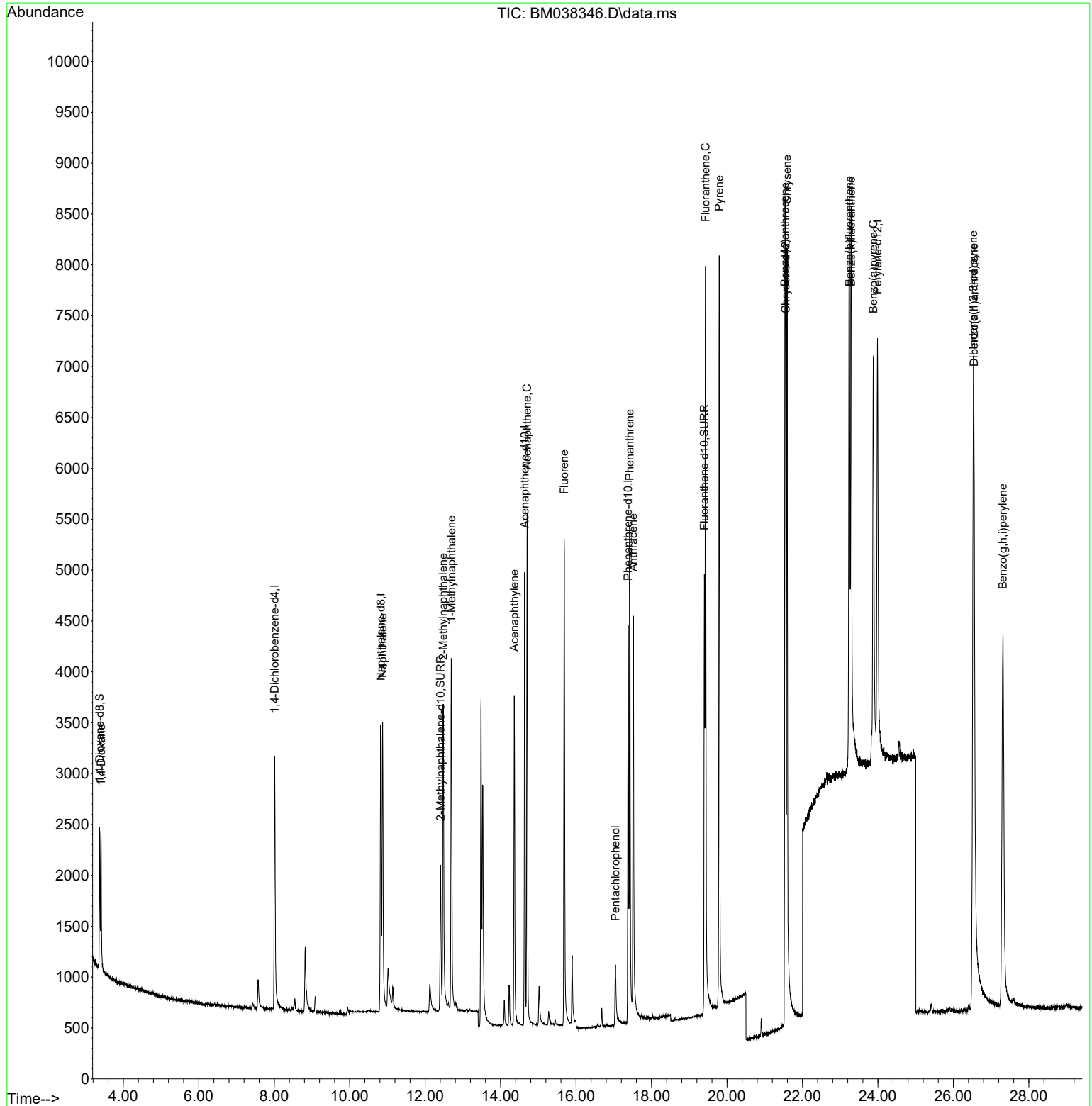
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	1583	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	4465	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	2512	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	5400	0.400	ng/ul	0.00
17) Chrysene-d12	21.554	240	5745	0.400	ng/ul	0.00
23) Perylene-d12	23.988	264	6327	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	855	0.362	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	2393	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	5863	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	890	0.368	ng/ul	98
5) Naphthalene	10.873	128	4243	0.356	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	2616	0.357	ng/ul	96
8) 1-Methylnaphthalene	12.698	142	2677	0.359	ng/ul	99
10) Acenaphthylene	14.365	152	4134	0.354	ng/ul	99
11) Acenaphthene	14.703	153	3084	0.355	ng/ul	97
12) Fluorene	15.684	166	3511	0.357	ng/ul	95
14) Pentachlorophenol	17.042	266	671	0.349	ng/ul	97
15) Phenanthrene	17.422	178	5584	0.350	ng/ul	99
16) Anthracene	17.515	178	5135	0.350	ng/ul	98
19) Fluoranthene	19.431	202	7152	0.360	ng/ul	99
20) Pyrene	19.794	202	7660	0.361	ng/ul	99
21) Benzo(a)anthracene	21.536	228	6887	0.360	ng/ul	99
22) Chrysene	21.591	228	7241	0.359	ng/ul	99
24) Benzo(b)fluoranthene	23.240	252	8411	0.367	ng/ul	98
25) Benzo(k)fluoranthene	23.290	252	8266	0.362	ng/ul	100
26) Benzo(a)pyrene	23.877	252	8007	0.370	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.528	276	11114	0.351	ng/ul	98
28) Dibenzo(a,h)anthracene	26.545	278	8865	0.357	ng/ul	99
29) Benzo(g,h,i)perylene	27.313	276	9840	0.349	ng/ul	99

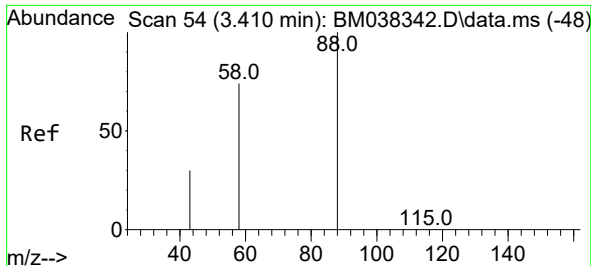
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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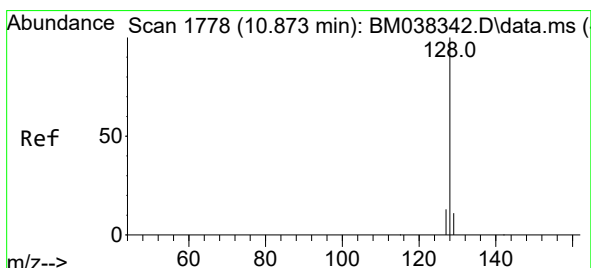
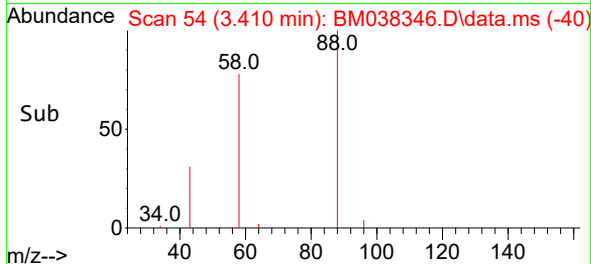
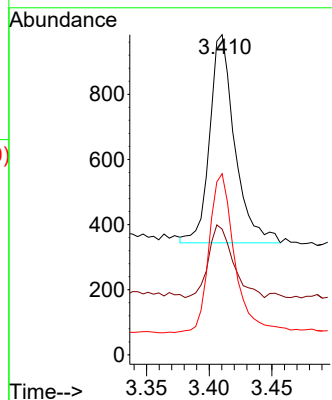
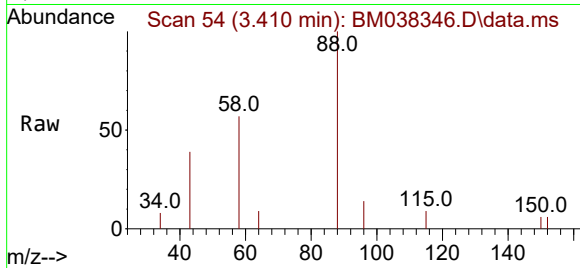




#2
1,4-Dioxane
Concen: 0.368 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

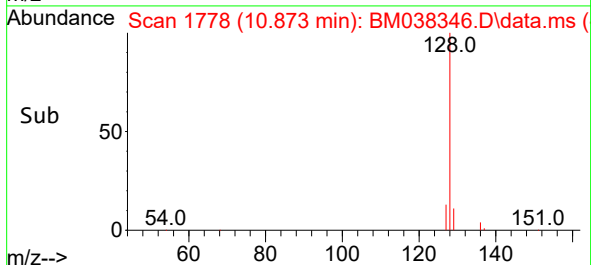
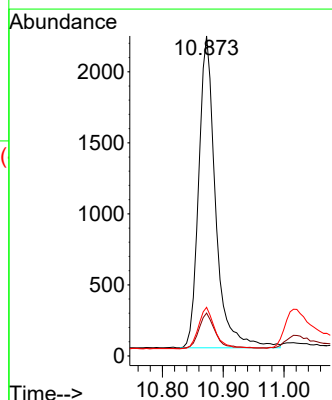
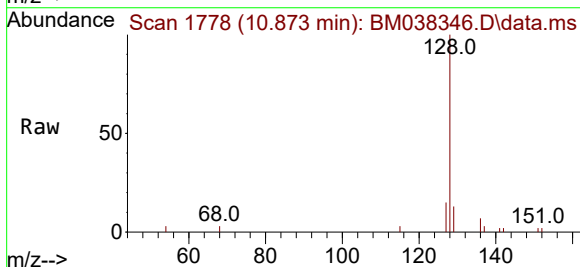
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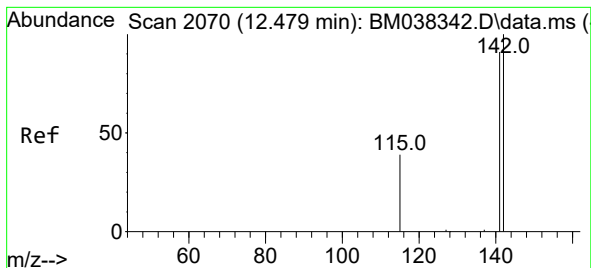
Tgt Ion: 88 Resp: 890
Ion Ratio Lower Upper
88 100
43 39.3 32.6 49.0
58 56.6 46.6 69.8



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Tgt Ion: 128 Resp: 4243
Ion Ratio Lower Upper
128 100
129 13.4 10.2 15.2
127 15.2 11.4 17.2

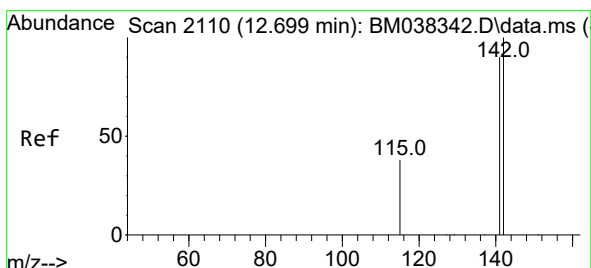
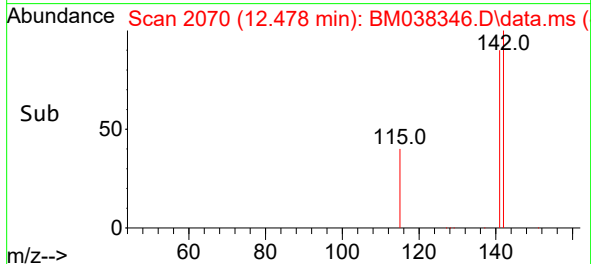
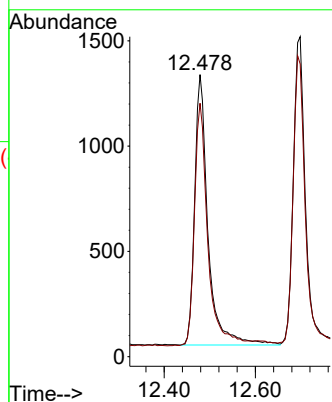
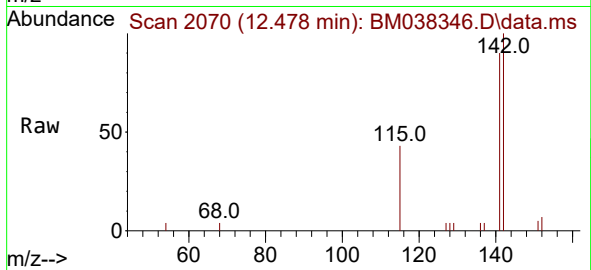




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

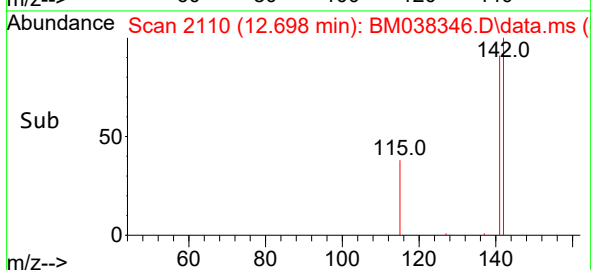
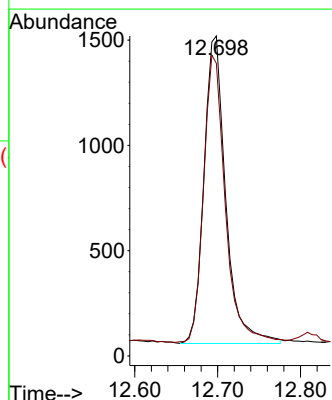
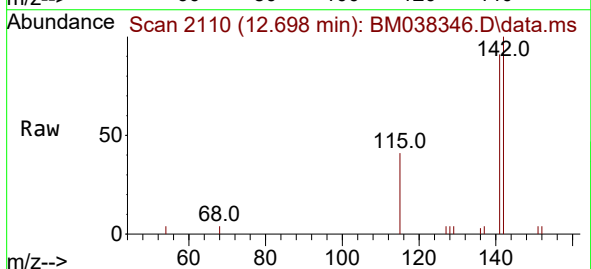
Instrument :
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ClientSampleId :
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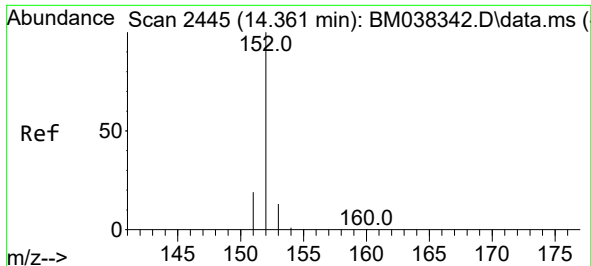
Tgt Ion:142 Resp: 2616
Ion Ratio Lower Upper
142 100
141 92.5 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Tgt Ion:142 Resp: 2677
Ion Ratio Lower Upper
142 100
141 92.3 73.2 109.8

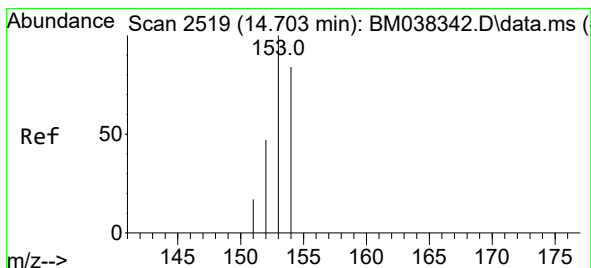
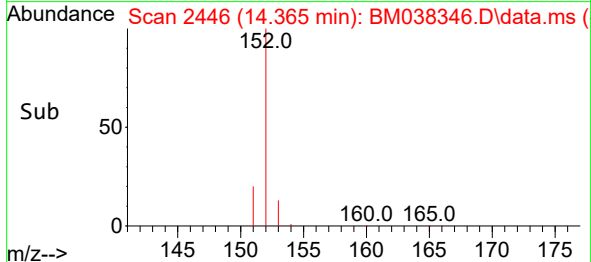
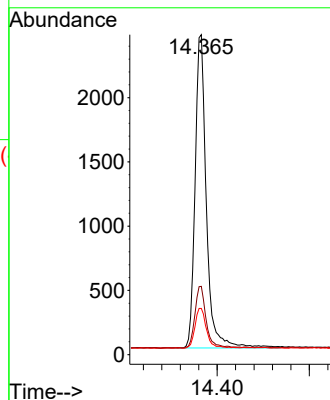
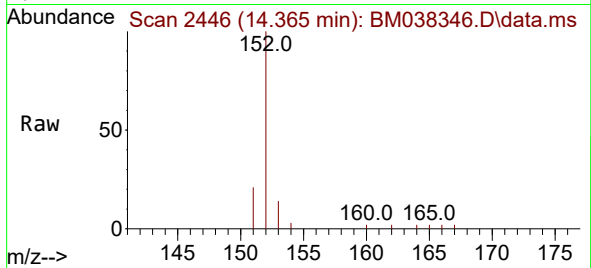




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.365 min Scan# 2445
Delta R.T. 0.004 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

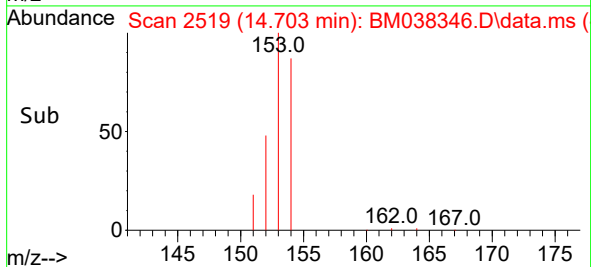
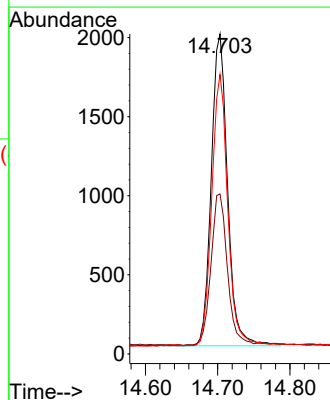
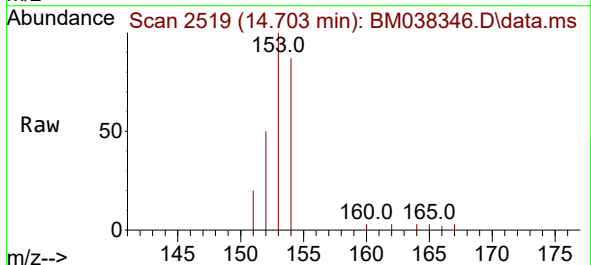
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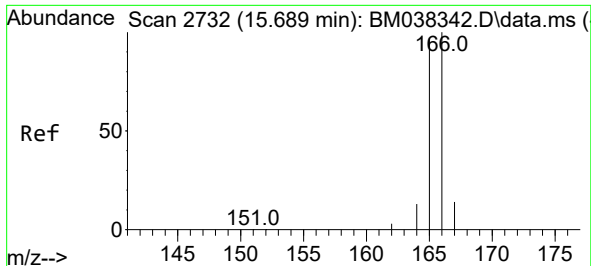
Tgt Ion:152 Resp: 4134
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.4
153 14.5 12.0 18.0



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Tgt Ion:153 Resp: 3084
Ion Ratio Lower Upper
153 100
152 50.0 38.8 58.2
154 87.3 67.3 100.9

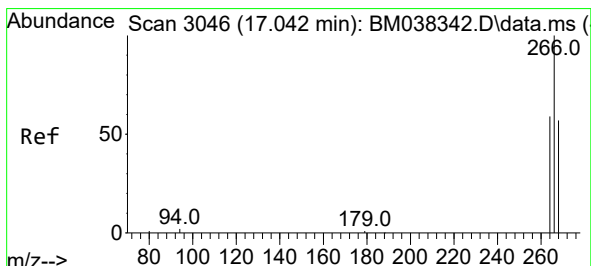
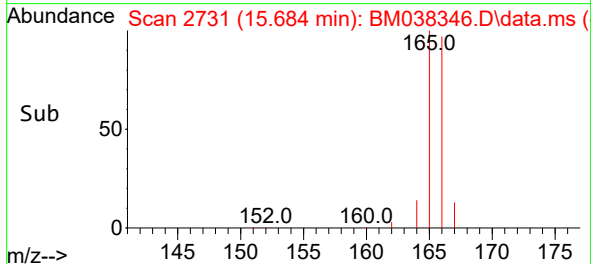
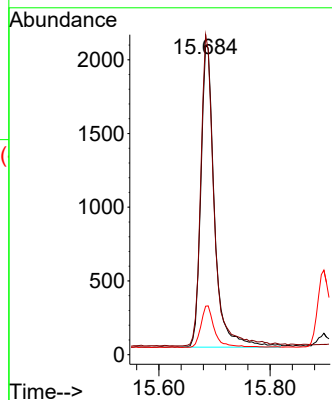
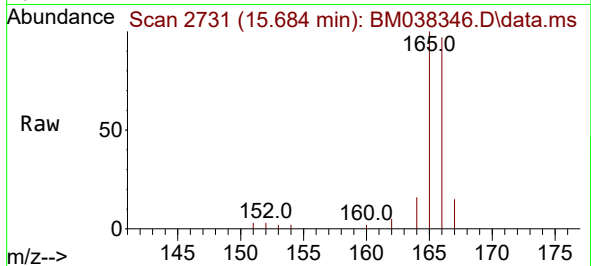




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

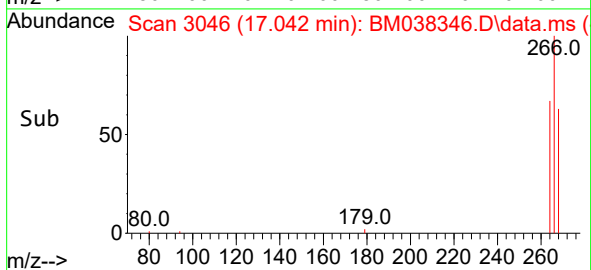
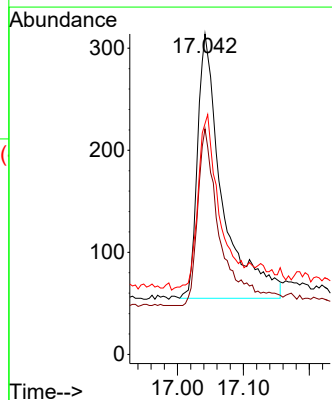
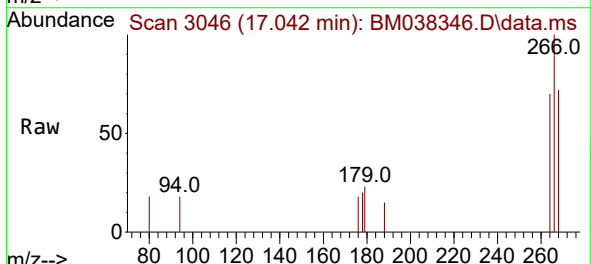
Instrument :
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ClientSampleId :
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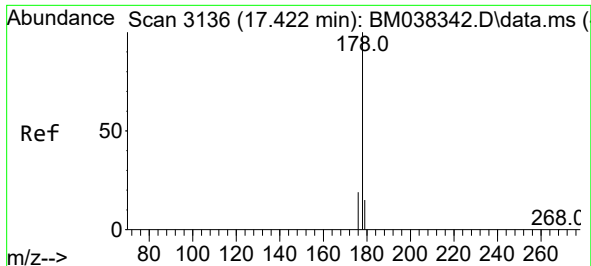
Tgt Ion:166 Resp: 3511
Ion Ratio Lower Upper
166 100
165 103.6 78.2 117.2
167 15.7 12.5 18.7



#14
Pentachlorophenol
Concen: 0.349 ng/ul
RT: 17.042 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Tgt Ion:266 Resp: 671
Ion Ratio Lower Upper
266 100
264 62.4 50.0 75.0
268 64.7 48.2 72.2

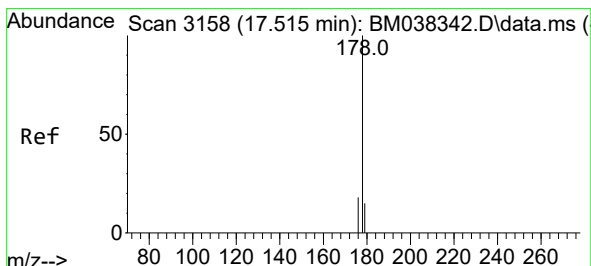
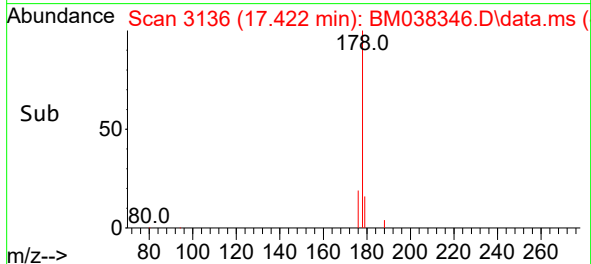
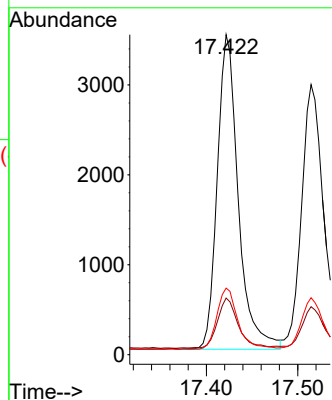
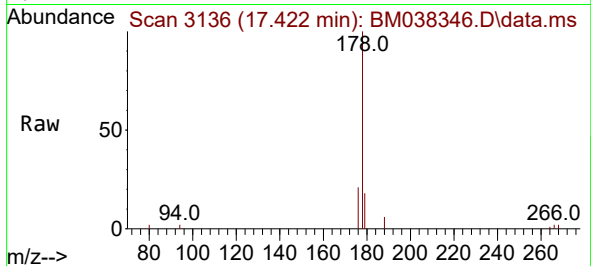




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

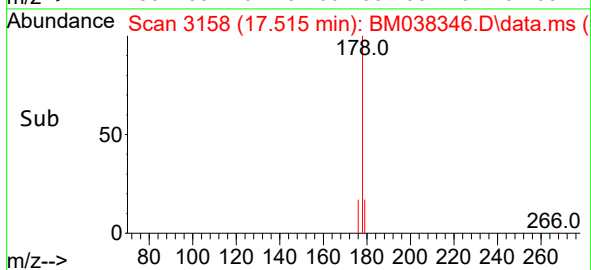
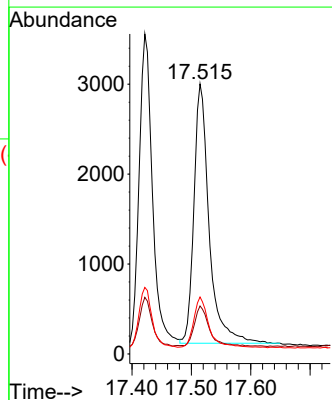
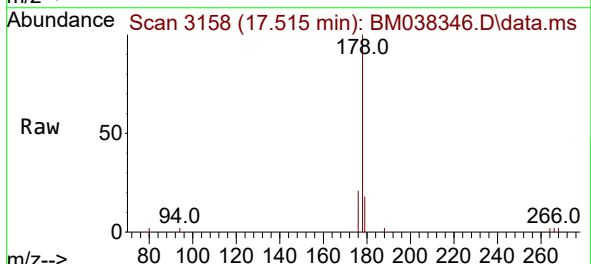
Instrument :
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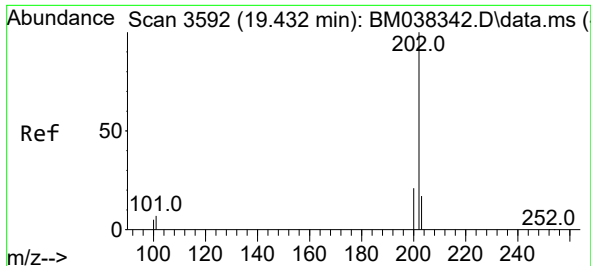
Tgt Ion:178 Resp: 5584
Ion Ratio Lower Upper
178 100
179 17.7 13.5 20.3
176 20.8 16.6 25.0



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.515 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Tgt Ion:178 Resp: 5135
Ion Ratio Lower Upper
178 100
179 17.7 14.2 21.2
176 21.1 15.8 23.8

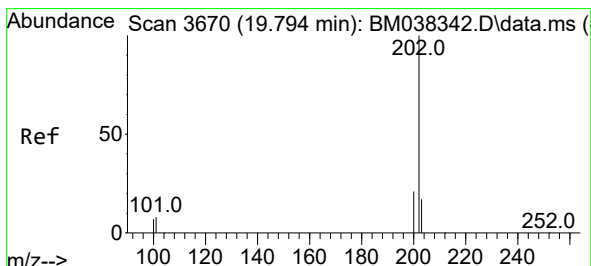
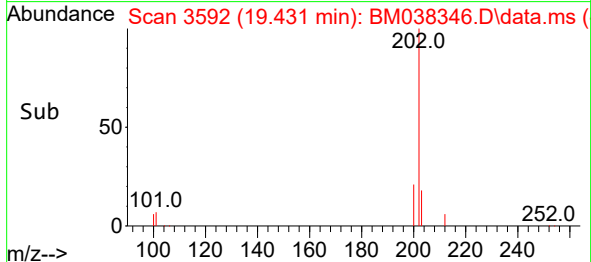
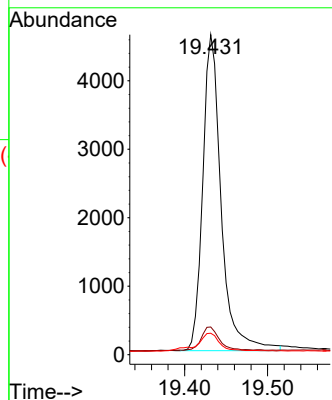
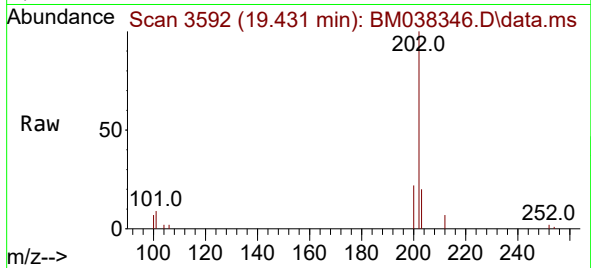




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

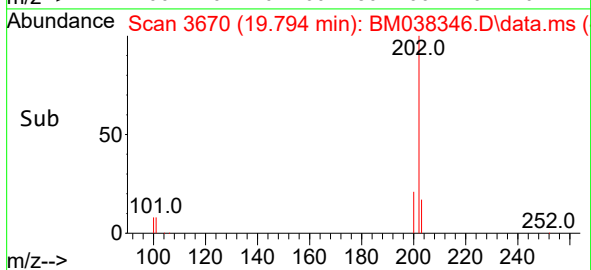
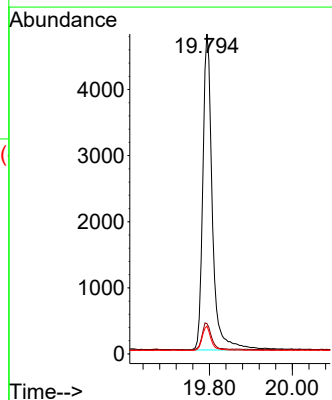
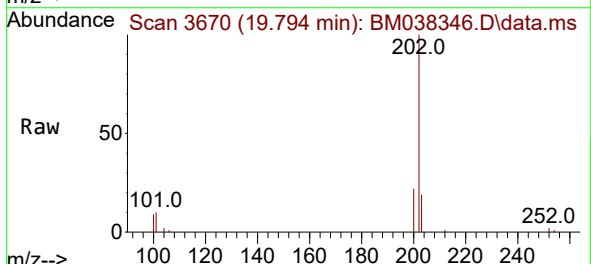
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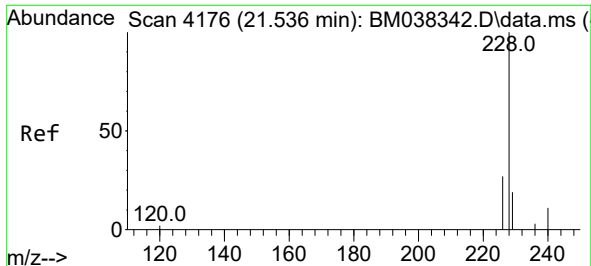
Tgt Ion:202 Resp: 7152
Ion Ratio Lower Upper
202 100
101 8.6 6.6 10.0
100 6.7 5.4 8.2



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Tgt Ion:202 Resp: 7660
Ion Ratio Lower Upper
202 100
101 9.5 7.8 11.6
100 8.7 6.5 9.7

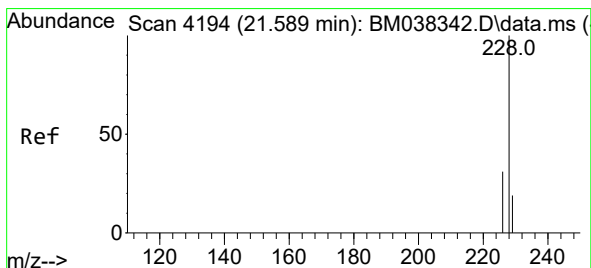
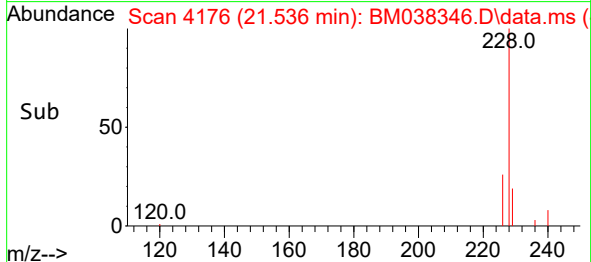
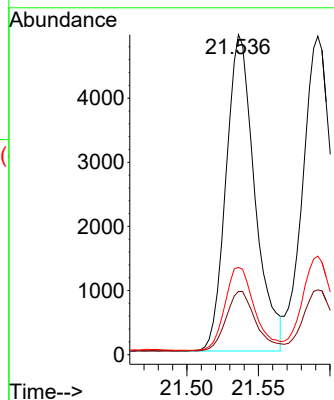
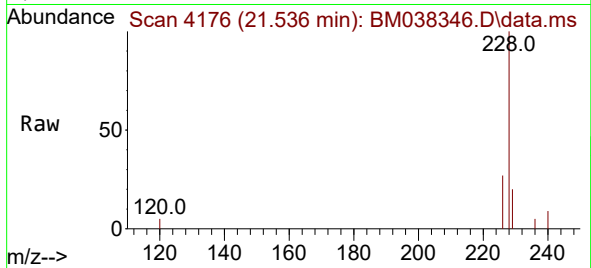




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

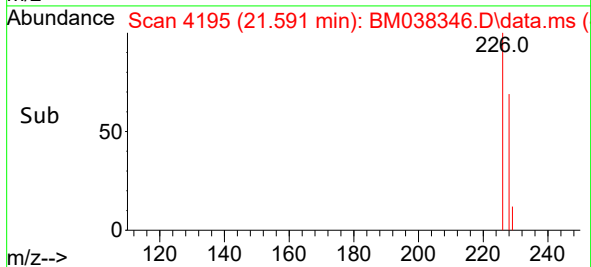
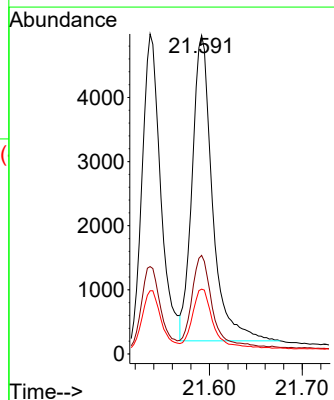
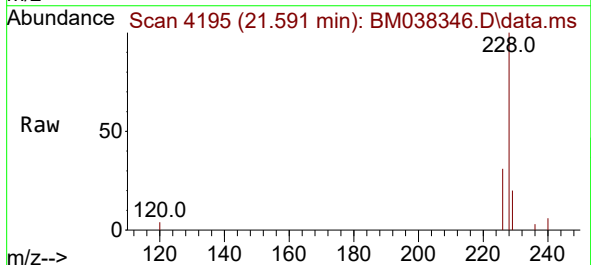
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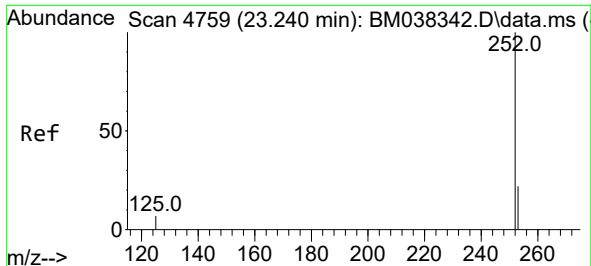
Tgt Ion:	228	Resp:	6887
Ion Ratio	Lower	Upper	
228	100		
229	19.8	16.4	24.6
226	27.3	22.2	33.2



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BM038346.D
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Tgt Ion:	228	Resp:	7241
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.3	37.9
229	20.3	16.4	24.6

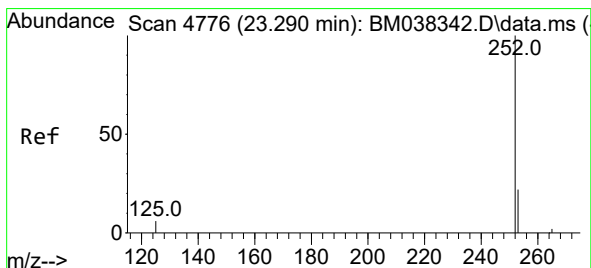
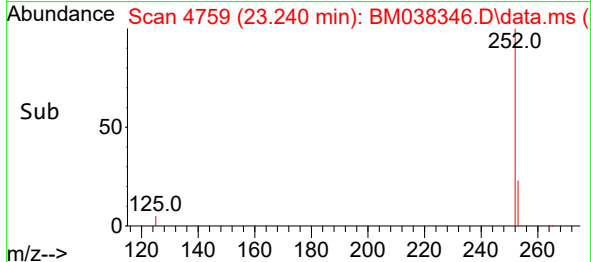
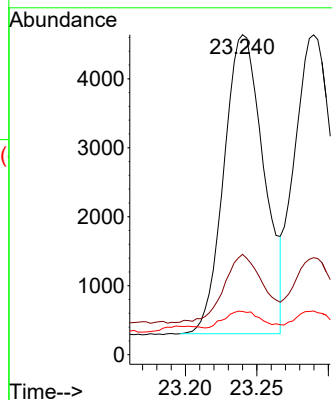
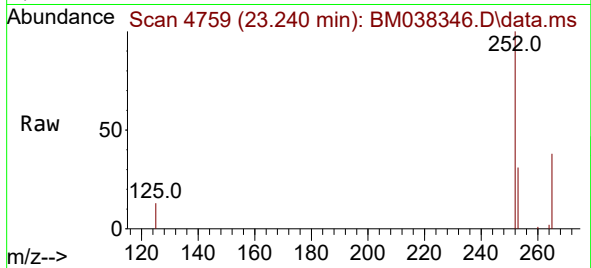




#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

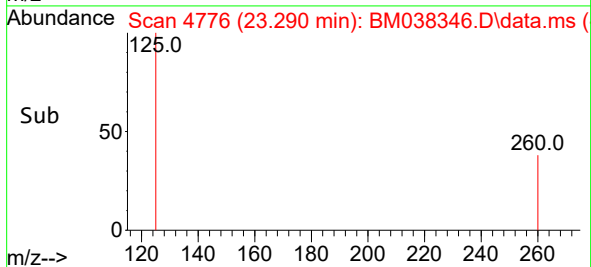
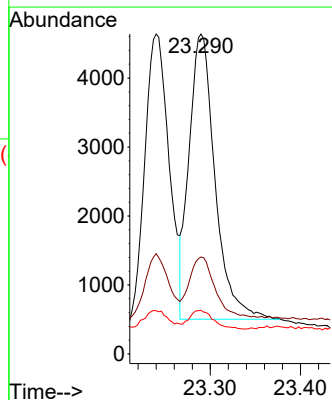
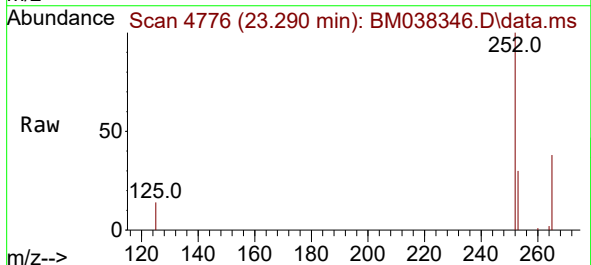
Instrument :
BNA_M
ClientSampleId :
SICV035

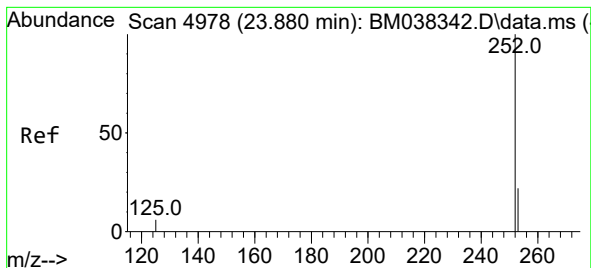
Tgt Ion:252 Resp: 8411
Ion Ratio Lower Upper
252 100
253 31.3 0.0 60.4
125 13.5 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.000 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Tgt Ion:252 Resp: 8266
Ion Ratio Lower Upper
252 100
253 30.3 24.4 36.6
125 13.7 10.7 16.1





#26

Benzo(a)pyrene

Concen: 0.370 ng/ul

RT: 23.877 min Scan# 4977

Delta R.T. -0.003 min

Lab File: BM038346.D

Acq: 29 Dec 2022 16:51

Instrument :

BNA_M

ClientSampleId :

SICV035

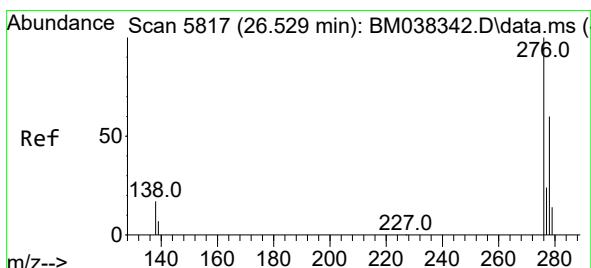
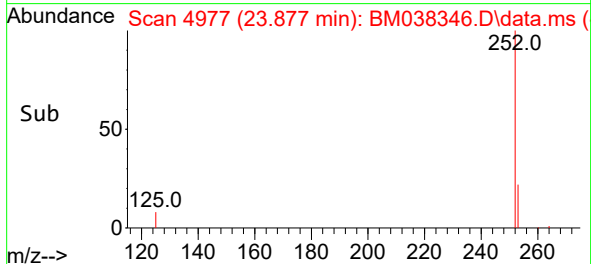
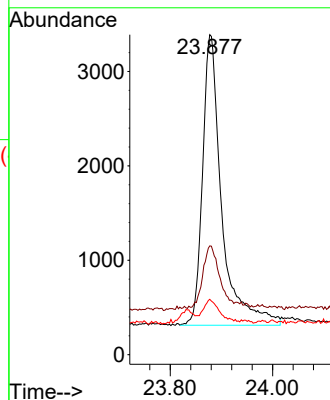
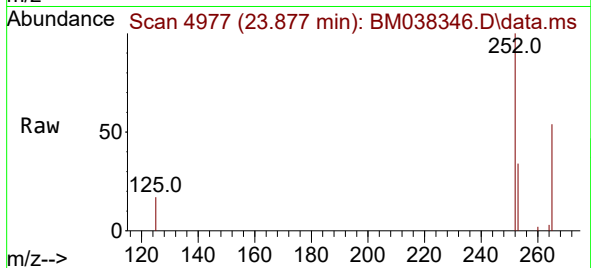
Tgt Ion:252 Resp: 8007

Ion Ratio Lower Upper

252 100

253 34.0 27.4 41.2

125 17.3 13.8 20.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.351 ng/ul

RT: 26.528 min Scan# 5817

Delta R.T. -0.000 min

Lab File: BM038346.D

Acq: 29 Dec 2022 16:51

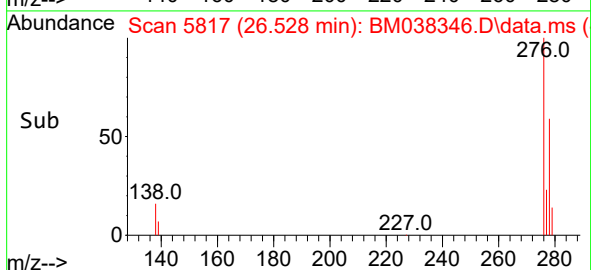
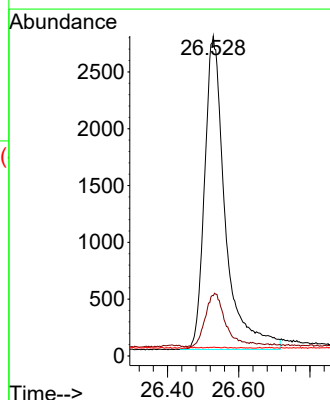
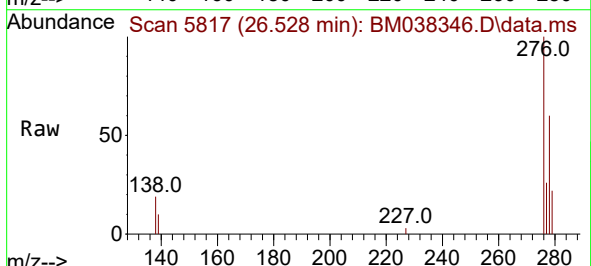
Tgt Ion:276 Resp: 11114

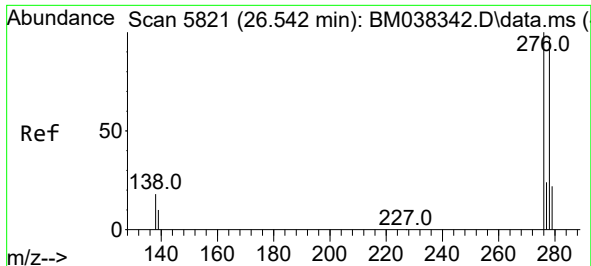
Ion Ratio Lower Upper

276 100

138 16.6 14.1 21.1

227 0.1 0.1 0.1

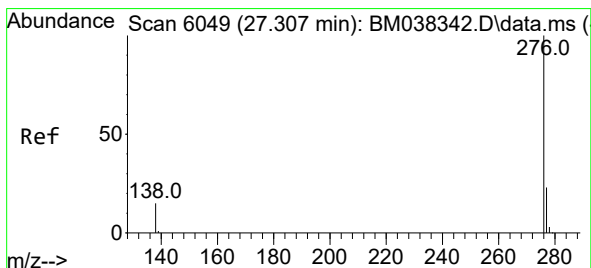
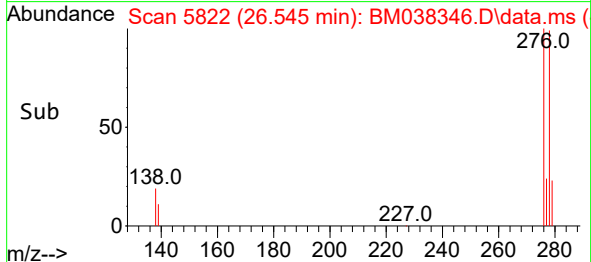
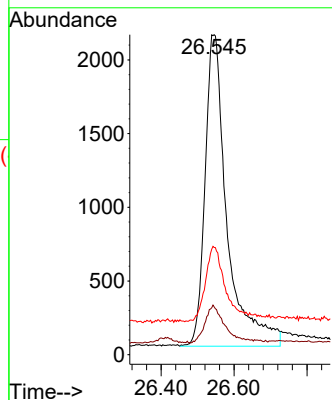
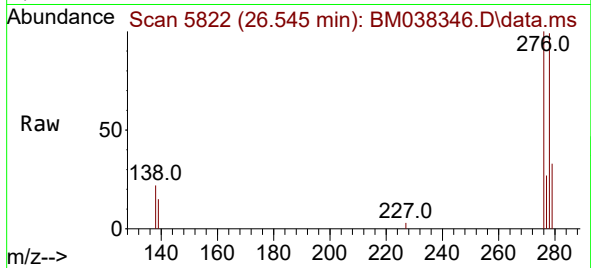




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.545 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:278 Resp: 8865
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.0
279 33.5 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 27.313 min Scan# 6051
Delta R.T. 0.007 min
Lab File: BM038346.D
Acq: 29 Dec 2022 16:51

Tgt Ion:276 Resp: 9840
Ion Ratio Lower Upper
276 100
138 17.7 14.4 21.6
277 26.3 20.7 31.1

