

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037575.D
 Acq On : 18 Nov 2022 22:13
 Operator : CG/JU
 Sample : PB149149BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS149

Quant Time: Nov 18 23:16:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

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

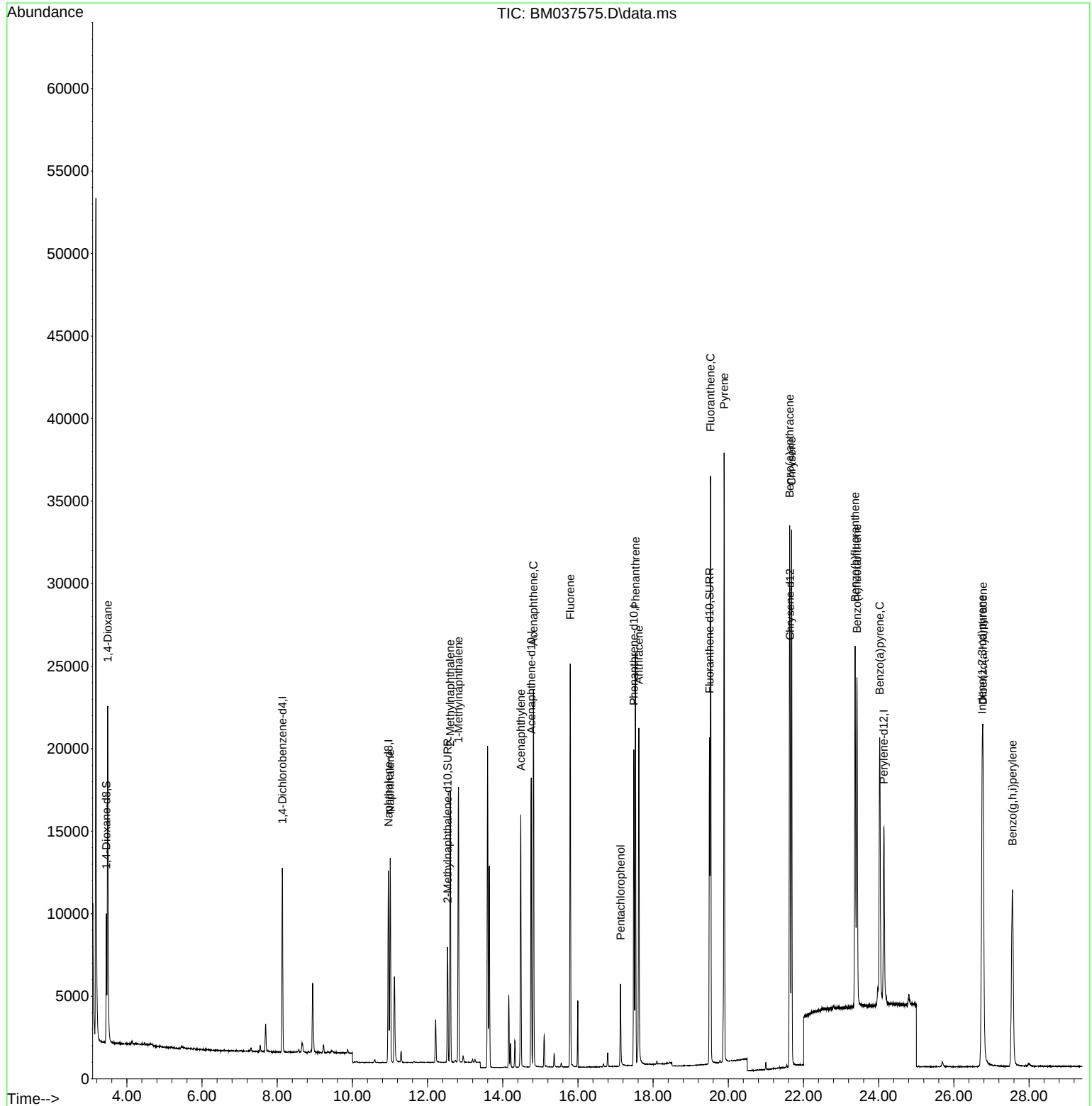
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	5467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.958	136	14893	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.756	164	9033	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.486	188	20926	0.400	ng/ul	0.00
17) Chrysene-d12	21.646	240	15734	0.400	ng/ul	# 0.00
23) Perylene-d12	24.136	264	14916	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	4641	0.730	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.530	152	8555	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.498	212	19400	0.373	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.491	88	13138	1.986	ng/ul#	51
5) Naphthalene	11.007	128	16332	0.361	ng/ul	98
7) 2-Methylnaphthalene	12.602	142	10726	0.349	ng/ul	100
8) 1-Methylnaphthalene	12.822	142	11090	0.352	ng/ul	100
10) Acenaphthylene	14.478	152	16561	0.330	ng/ul	99
11) Acenaphthene	14.816	153	12652	0.361	ng/ul	98
12) Fluorene	15.796	166	15069	0.357	ng/ul	100
14) Pentachlorophenol	17.132	266	3337	0.711	ng/ul	99
15) Phenanthrene	17.529	178	25973	0.363	ng/ul	99
16) Anthracene	17.622	178	22999	0.333	ng/ul	99
19) Fluoranthene	19.526	202	29855	0.393	ng/ul#	96
20) Pyrene	19.889	202	30175	0.382	ng/ul	98
21) Benzo(a)anthracene	21.628	228	25527	0.363	ng/ul	99
22) Chrysene	21.684	228	28203	0.404	ng/ul	99
24) Benzo(b)fluoranthene	23.373	252	28845	0.424	ng/ul	94
25) Benzo(k)fluoranthene	23.423	252	27351	0.398	ng/ul#	96
26) Benzo(a)pyrene	24.025	252	26065	0.441	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.752	276	29863	0.381	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.776	278	24467	0.397	ng/ul	97
29) Benzo(g,h,i)perylene	27.557	276	24928	0.375	ng/ul	98

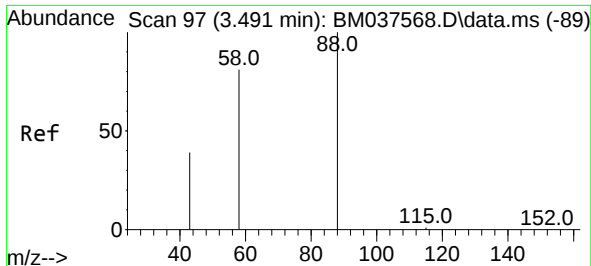
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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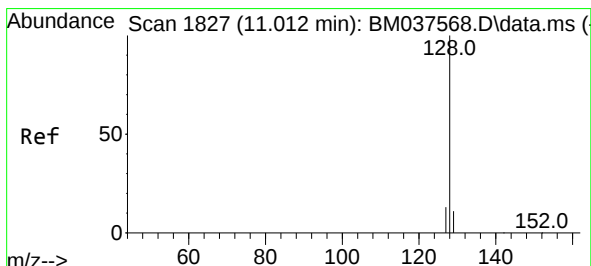
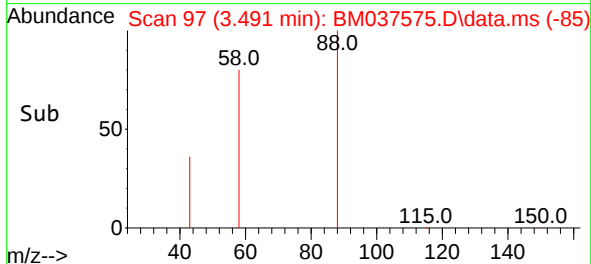
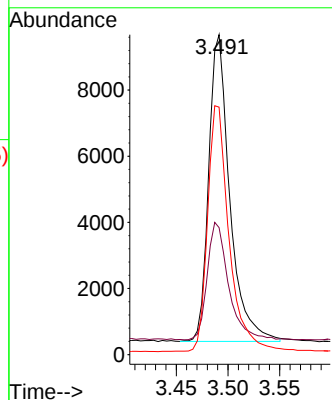
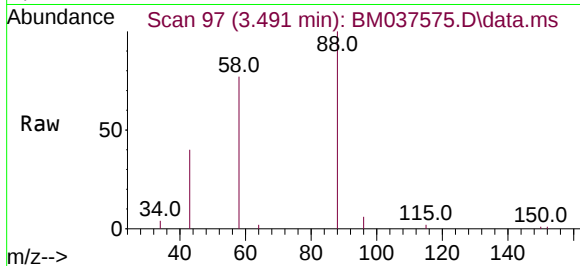




#2
1,4-Dioxane
Concen: 1.986 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

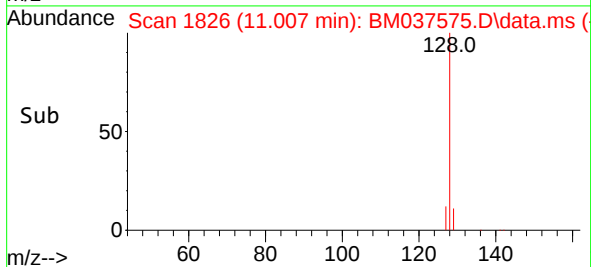
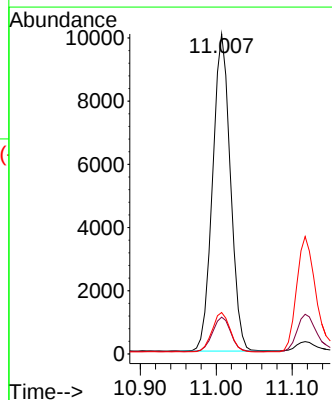
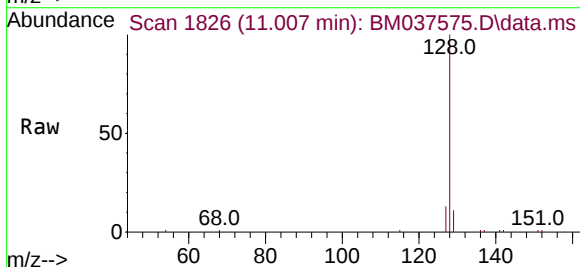
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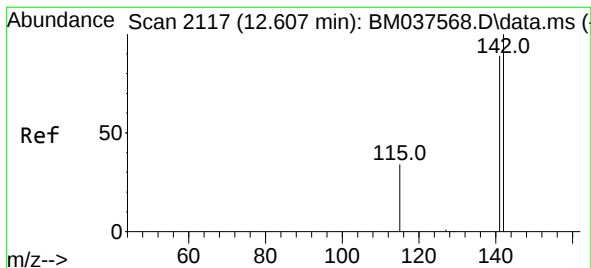
Tgt Ion: 88 Resp: 13138
Ion Ratio Lower Upper
88 100
43 39.7 102.8 154.2#
58 77.3 67.3 100.9



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 11.007 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion: 128 Resp: 16332
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.0 11.0 16.4

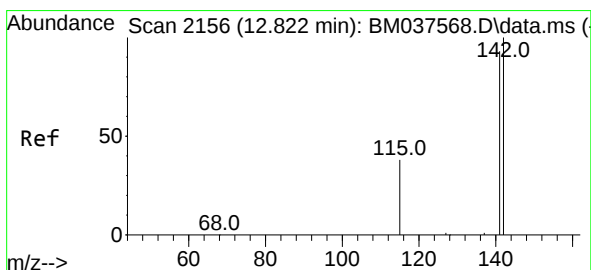
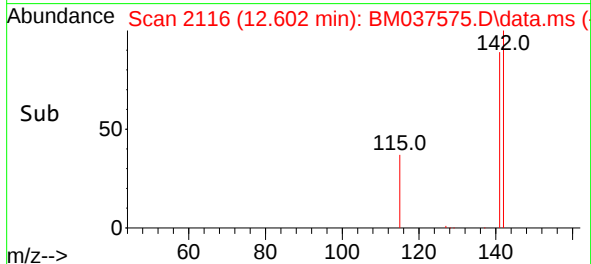
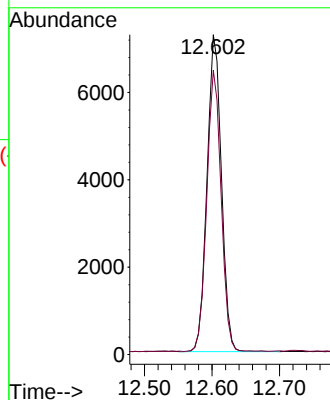
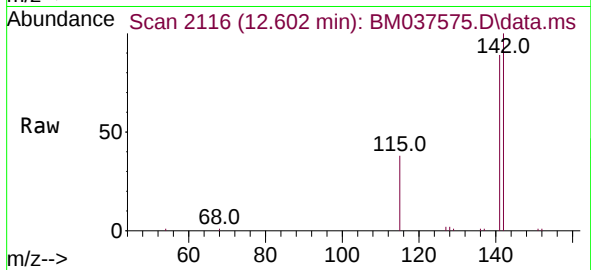




#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

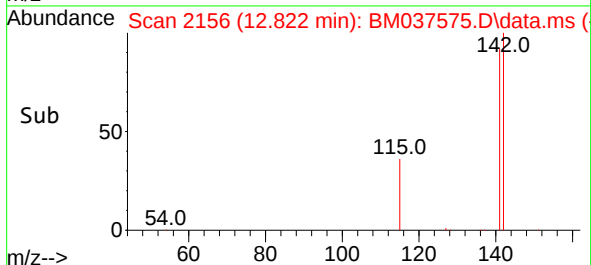
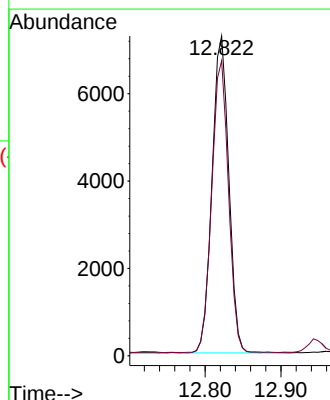
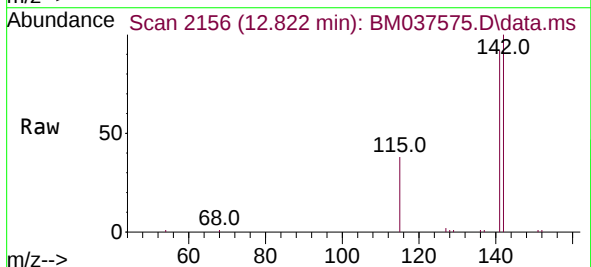
Instrument :
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ClientSampleId :
SLCS149

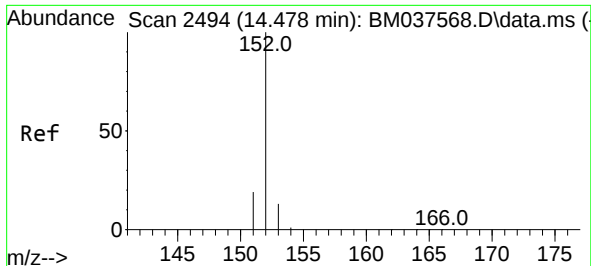
Tgt Ion:142 Resp: 10726
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.822 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion:142 Resp: 11090
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0

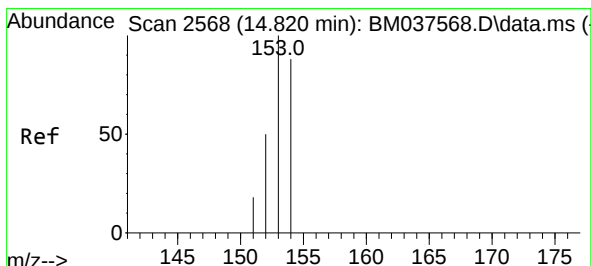
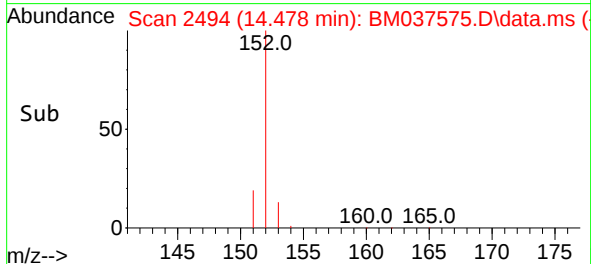
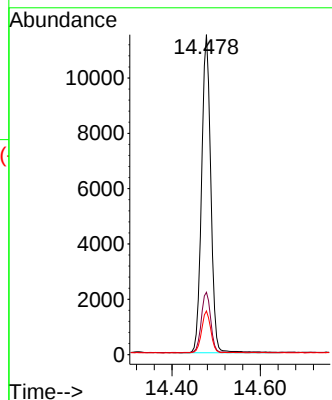
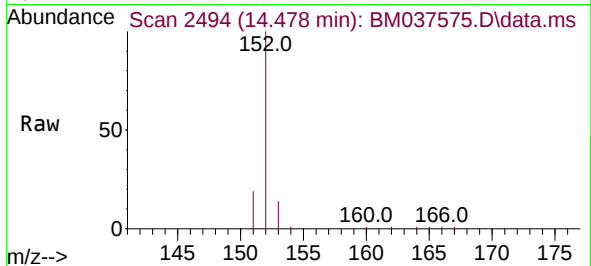




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.478 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

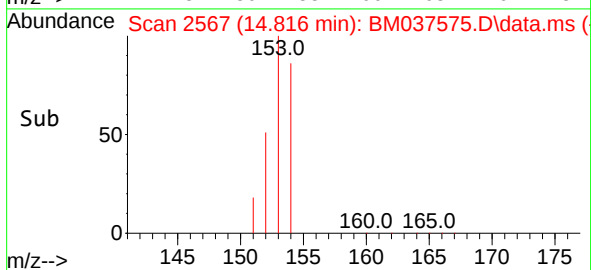
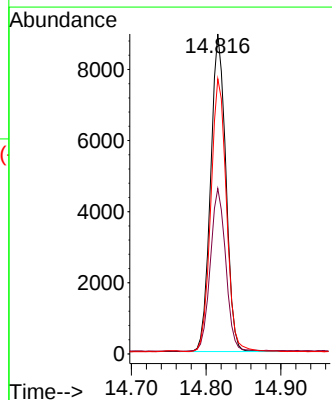
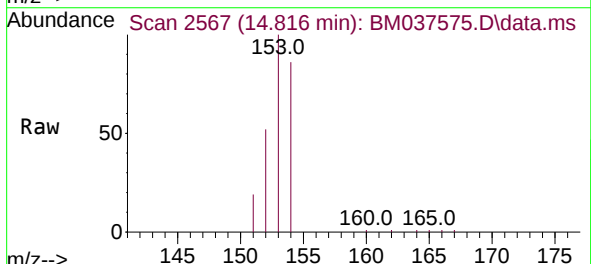
Instrument :
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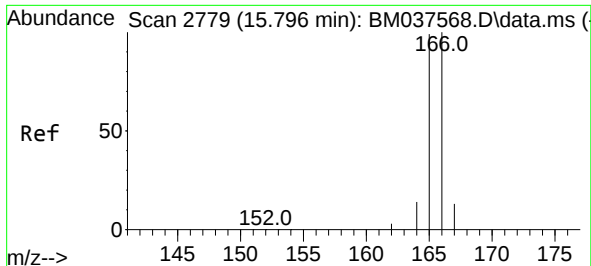
Tgt Ion:	152	Resp:	16561
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	13.6	11.0	16.4



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.816 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion:	153	Resp:	12652
Ion Ratio	Lower	Upper	
153	100		
152	51.7	39.4	59.0
154	86.0	69.5	104.3

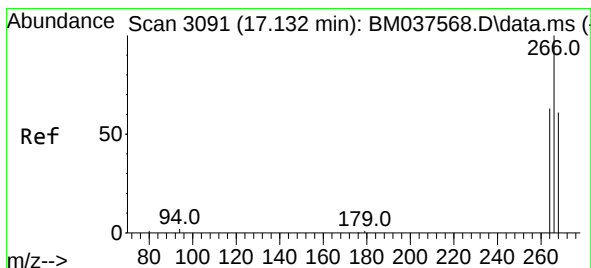
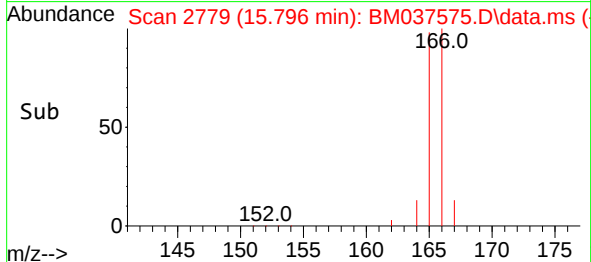
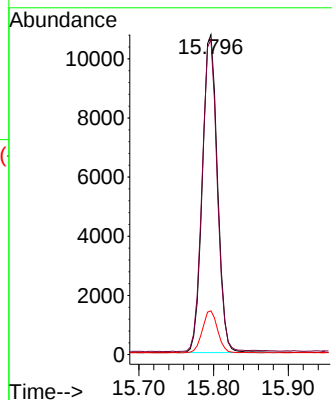
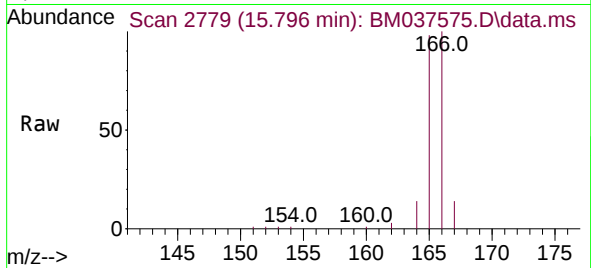




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.796 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

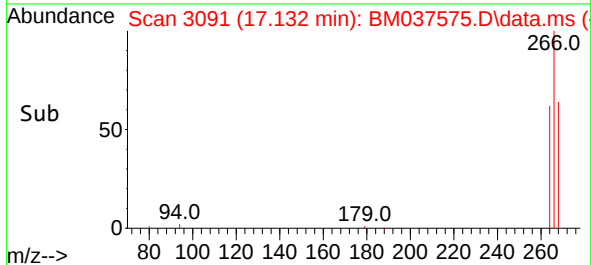
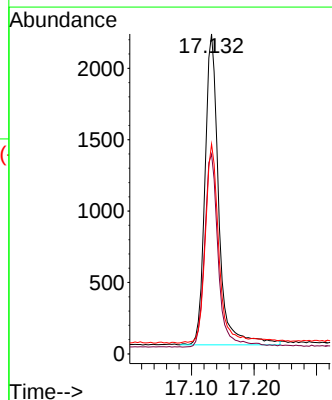
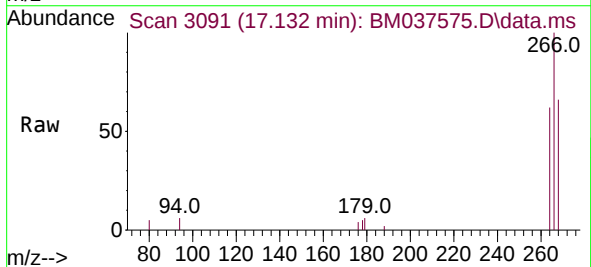
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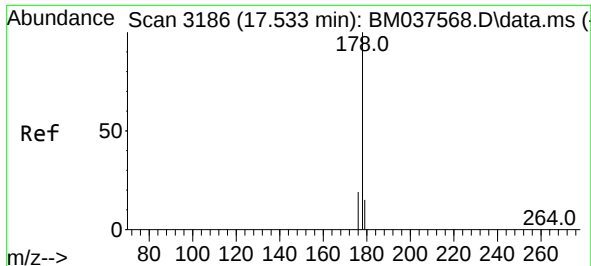
Tgt Ion:166 Resp: 15069
Ion Ratio Lower Upper
166 100
165 98.5 78.7 118.1
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.711 ng/ul
RT: 17.132 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion:266 Resp: 3337
Ion Ratio Lower Upper
266 100
264 62.4 50.2 75.2
268 64.4 52.0 78.0

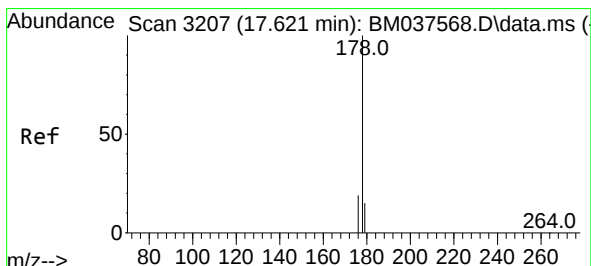
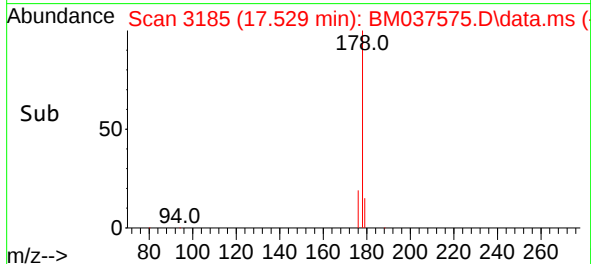
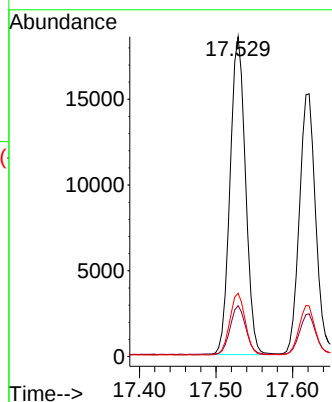
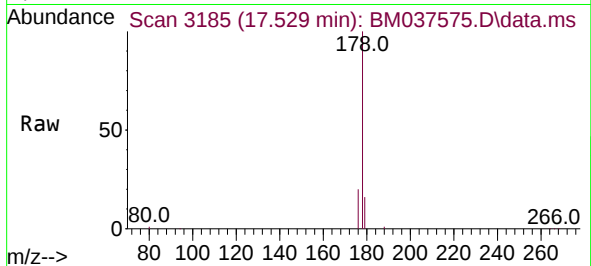




#15
Phenanthrene
Concen: 0.363 ng/u1
RT: 17.529 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

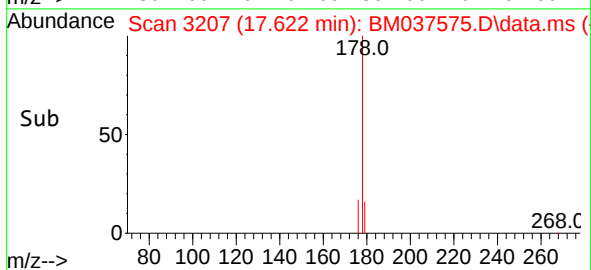
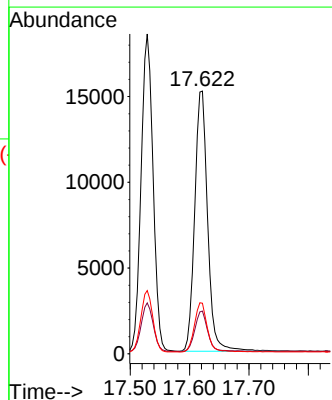
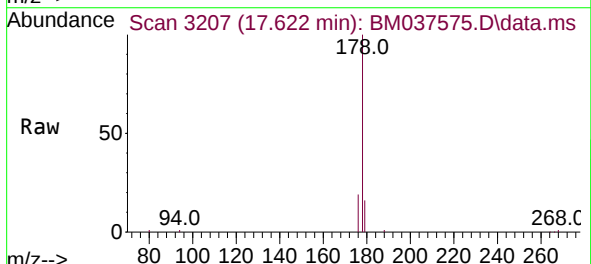
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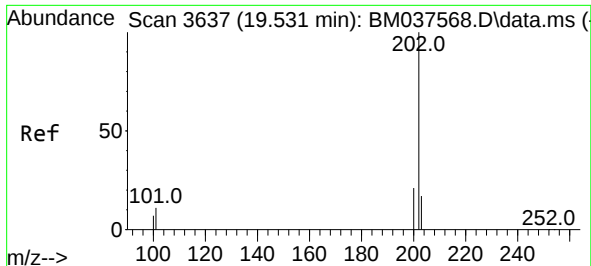
Tgt Ion:178 Resp: 25973
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.333 ng/u1
RT: 17.622 min Scan# 3207
Delta R.T. 0.004 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion:178 Resp: 22999
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.2 15.0 22.6

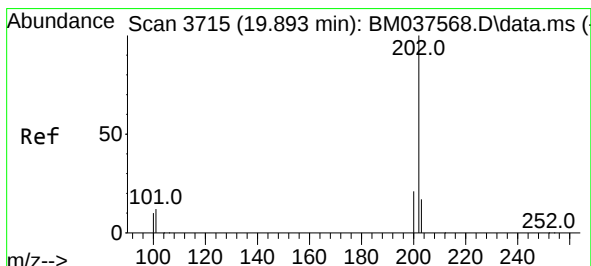
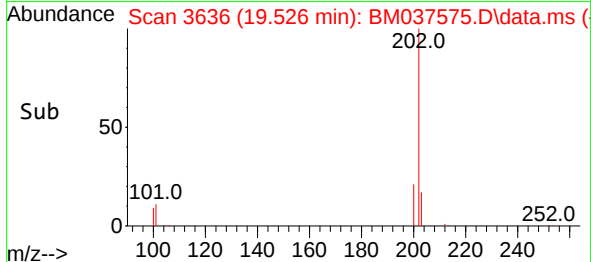
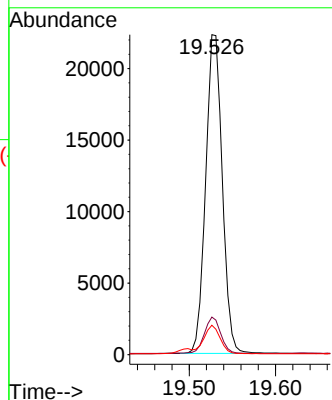
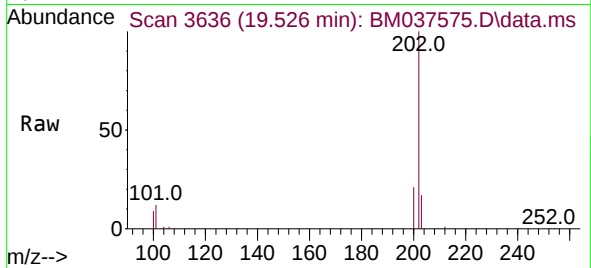




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.526 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

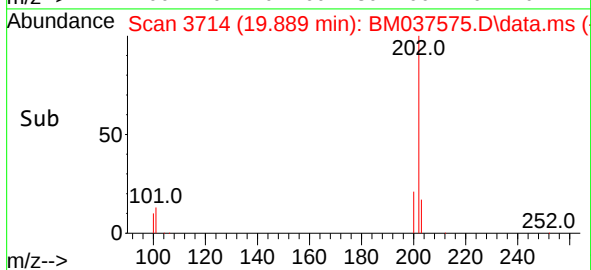
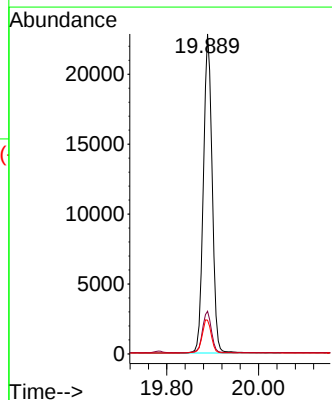
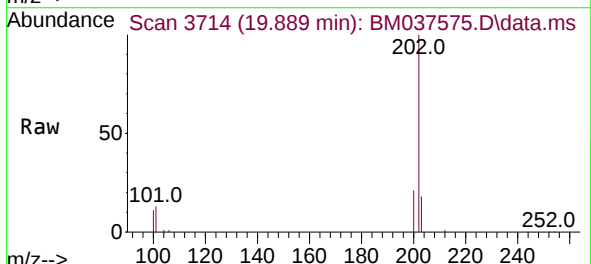
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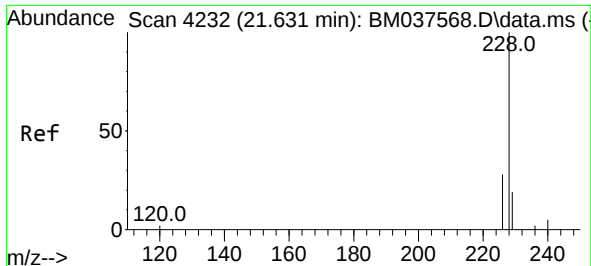
Tgt Ion:202 Resp: 29855
Ion Ratio Lower Upper
202 100
101 11.7 8.2 12.2
100 9.2 6.1 9.1#



#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.889 min Scan# 3714
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion:202 Resp: 30175
Ion Ratio Lower Upper
202 100
101 13.3 10.1 15.1
100 10.5 8.0 12.0

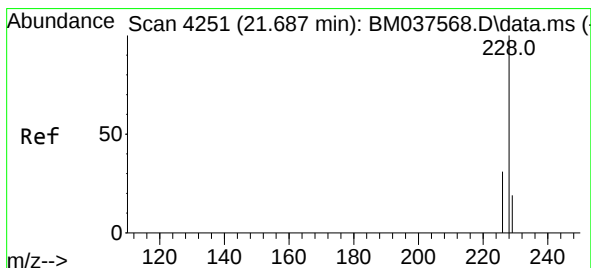
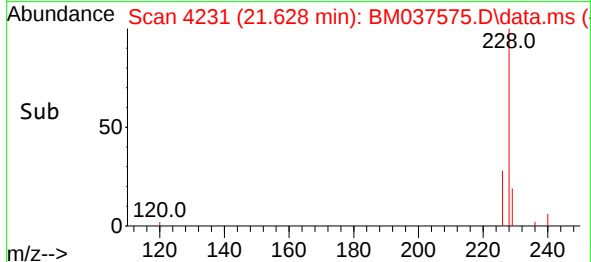
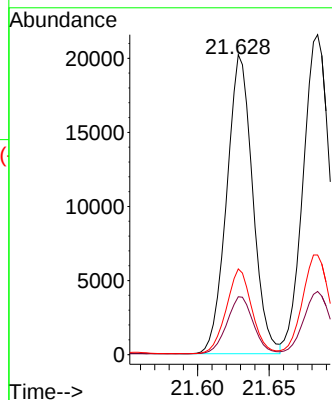
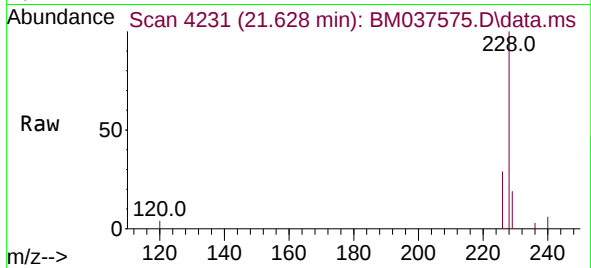




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.628 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

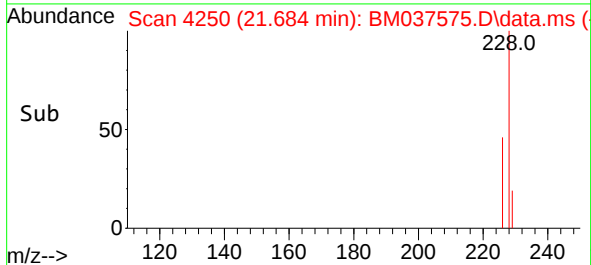
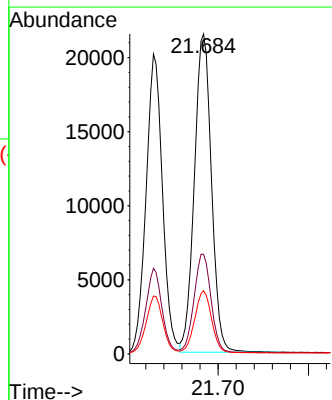
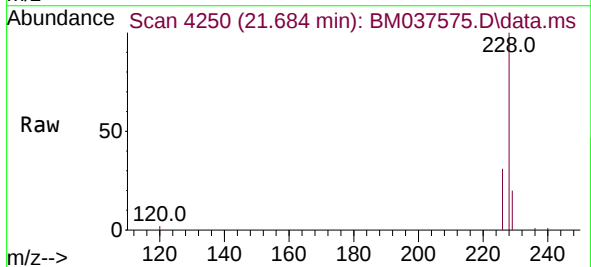
Instrument :
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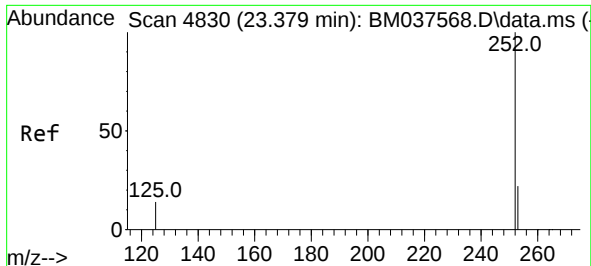
Tgt Ion:228 Resp: 25527
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 28.6 22.2 33.2



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.684 min Scan# 4250
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion:228 Resp: 28203
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 19.7 15.5 23.3

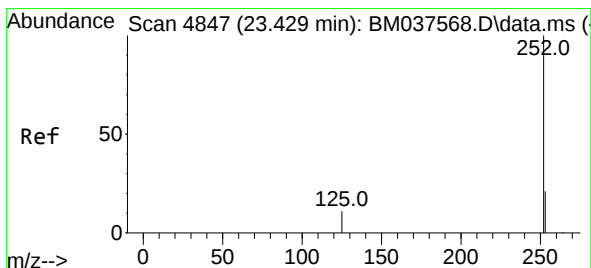
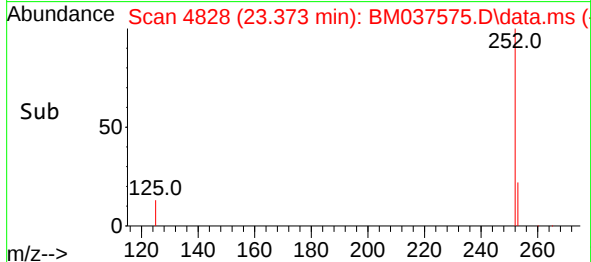
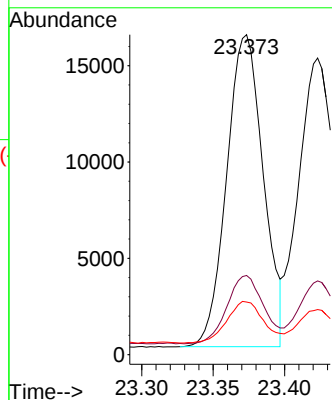
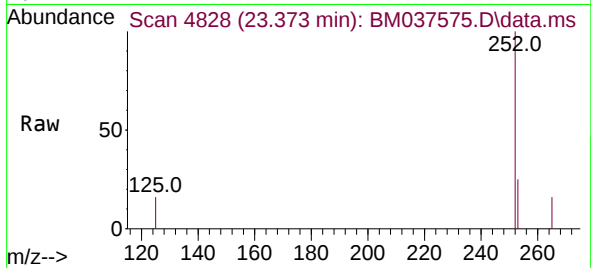




#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 23.373 min Scan# 4828
Delta R.T. 0.000 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

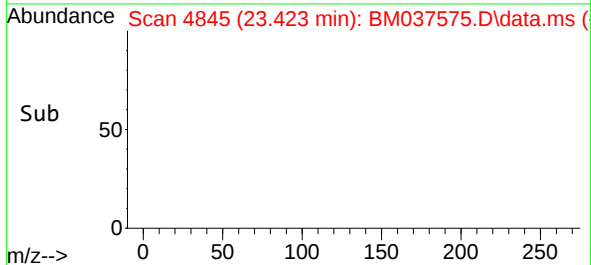
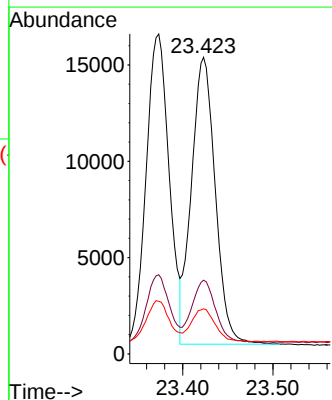
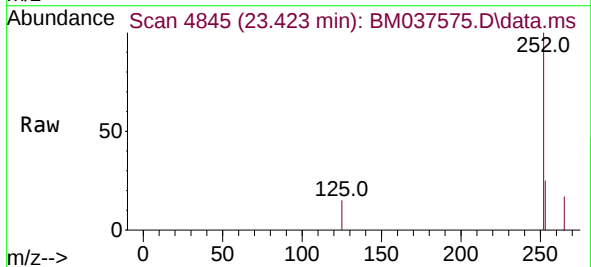
Instrument :
BNA_M
ClientSampleId :
SLCS149

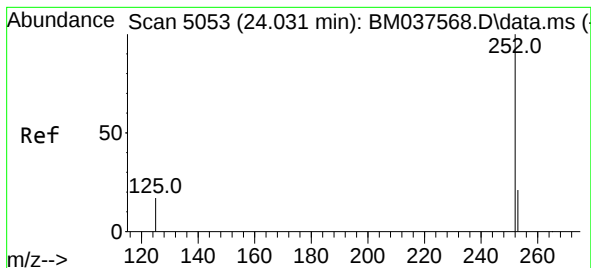
Tgt Ion:252 Resp: 28845
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.2
125 16.4 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 23.423 min Scan# 4845
Delta R.T. -0.003 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion:252 Resp: 27351
Ion Ratio Lower Upper
252 100
253 24.9 18.8 28.2
125 15.2 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.441 ng/ul

RT: 24.025 min Scan# 50

Delta R.T. -0.003 min

Lab File: BM037575.D

Acq: 18 Nov 2022 22:13

Instrument :

BNA_M

ClientSampleId :

SLCS149

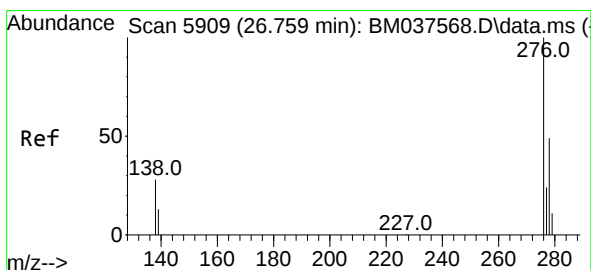
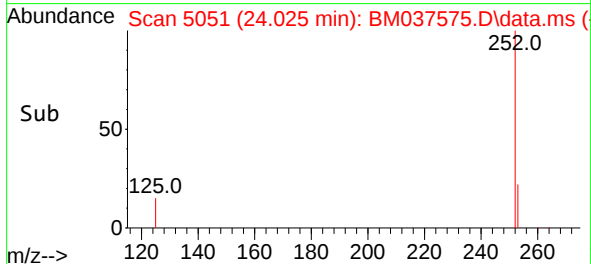
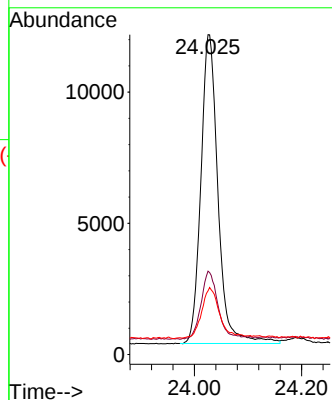
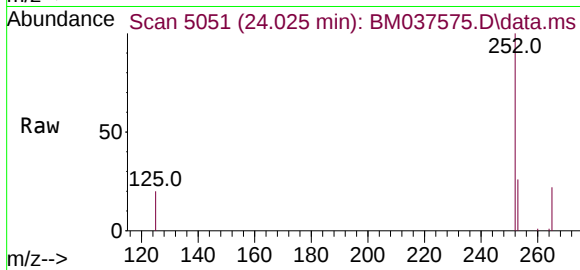
Tgt Ion:252 Resp: 26065

Ion Ratio Lower Upper

252 100

253 26.1 18.8 28.2

125 19.9 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.381 ng/ul

RT: 26.752 min Scan# 5907

Delta R.T. -0.003 min

Lab File: BM037575.D

Acq: 18 Nov 2022 22:13

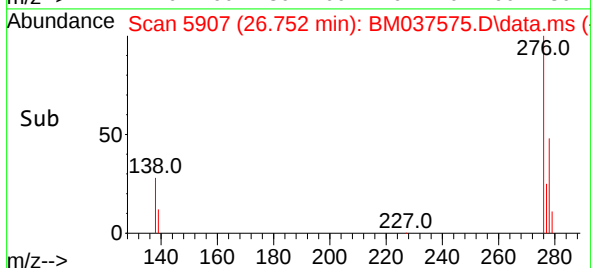
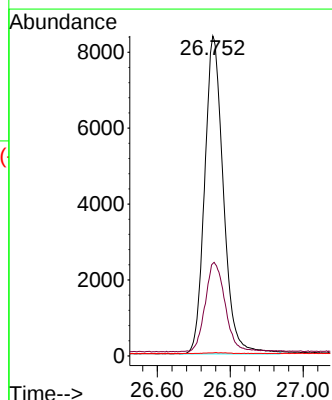
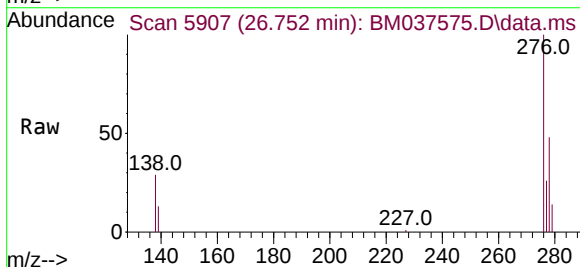
Tgt Ion:276 Resp: 29863

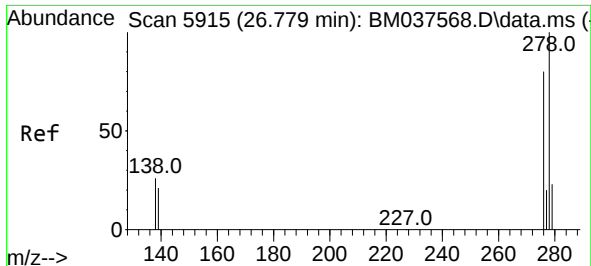
Ion Ratio Lower Upper

276 100

138 29.5 21.2 31.8

227 0.3 0.1 0.1#

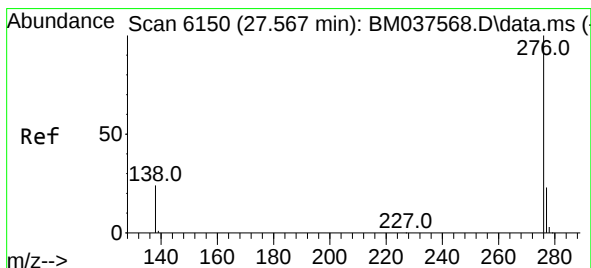
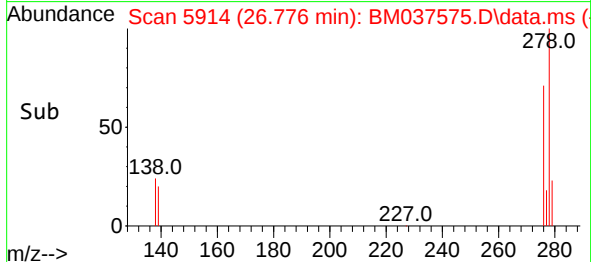
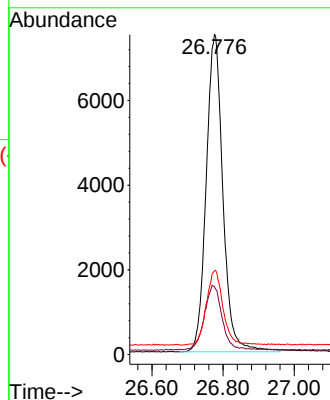
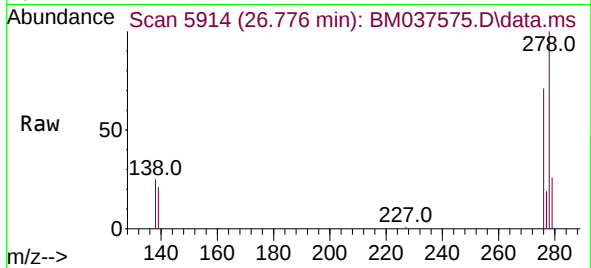




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 26.776 min Scan# 5915
Delta R.T. -0.003 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Instrument :
BNA_M
ClientSampleId :
SLCS149

Tgt Ion:278 Resp: 24467
Ion Ratio Lower Upper
278 100
139 21.3 15.2 22.8
279 26.2 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.557 min Scan# 6147
Delta R.T. -0.003 min
Lab File: BM037575.D
Acq: 18 Nov 2022 22:13

Tgt Ion:276 Resp: 24928
Ion Ratio Lower Upper
276 100
138 25.6 19.0 28.4
277 24.2 19.4 29.2

