

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
 Data File : BM031059.D
 Acq On : 22 Jul 2021 10:24
 Operator : CG/JU
 Sample : PB137620BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS620

Quant Time: Jul 22 10:57:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 10:17:09 2021
 Response via : Initial Calibration

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

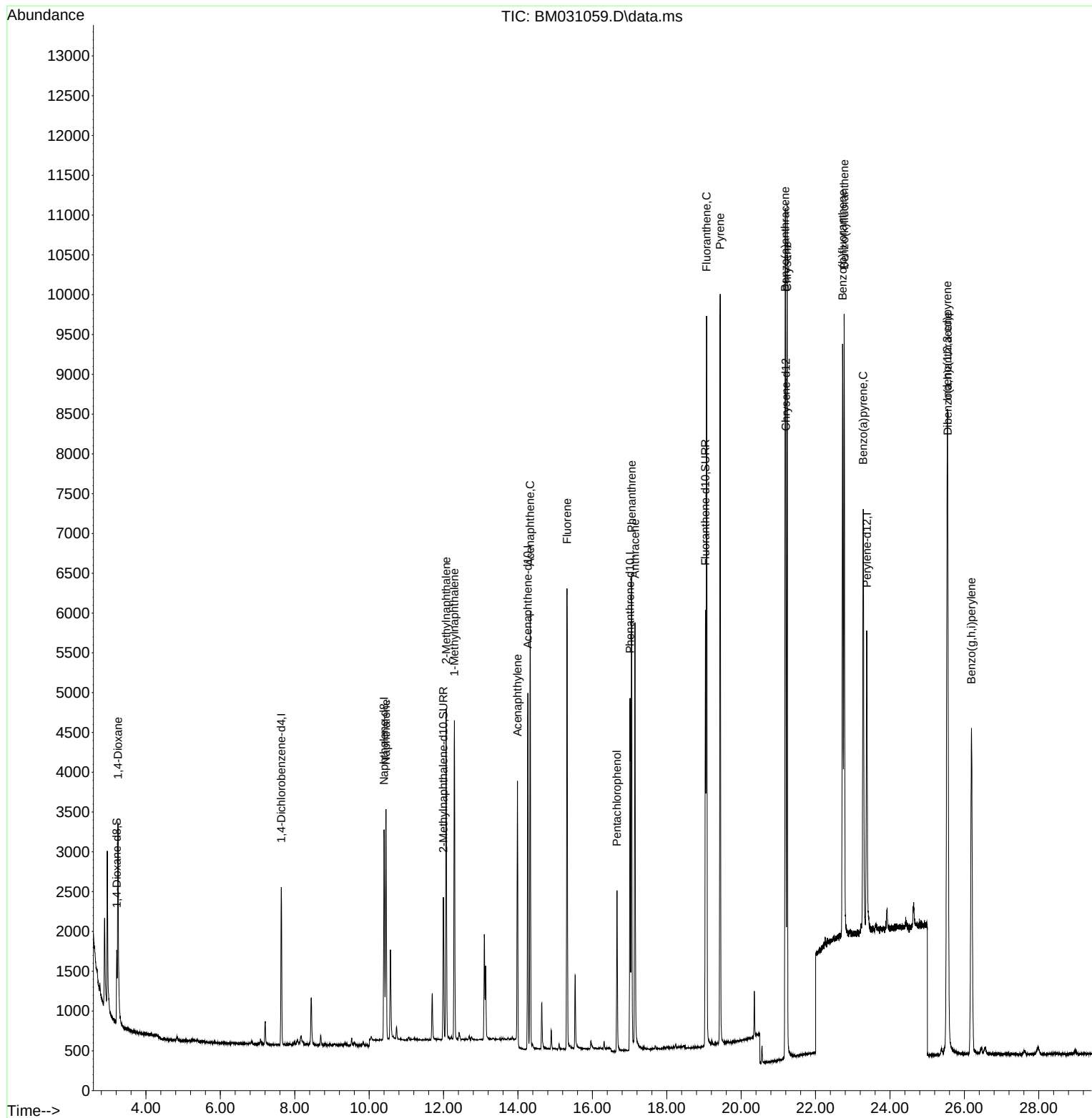
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	987	0.400	ng/ul	0.00
4) Naphthalene-d8	10.401	136	3713	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	2472	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	5597	0.400	ng/ul	0.00
17) Chrysene-d12	21.200	240	5199	0.400	ng/ul	0.00
23) Perylene-d12	23.377	264	4823	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	679	0.655	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	2287	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	6493	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.248	88	1777	1.754	ng/ul#	87
5) Naphthalene	10.451	128	3895	0.351	ng/ul	99
7) 2-Methylnaphthalene	12.070	142	2783	0.348	ng/ul	99
8) 1-Methylnaphthalene	12.290	142	2581	0.331	ng/ul	99
10) Acenaphthylene	13.986	152	3533	0.349	ng/ul	98
11) Acenaphthene	14.330	153	3140	0.351	ng/ul	98
12) Fluorene	15.319	166	3778	0.359	ng/ul	100
14) Pentachlorophenol	16.662	266	1375	0.710	ng/ul	96
15) Phenanthrene	17.055	178	6494	0.365	ng/ul	100
16) Anthracene	17.145	178	5883	0.353	ng/ul	99
19) Fluoranthene	19.069	202	8182	0.391	ng/ul	98
20) Pyrene	19.435	202	8369	0.392	ng/ul	98
21) Benzo(a)anthracene	21.183	228	8266	0.398	ng/ul	99
22) Chrysene	21.234	228	9045	0.402	ng/ul	99
24) Benzo(b)fluoranthene	22.728	252	9311	0.411	ng/ul	99
25) Benzo(k)fluoranthene	22.769	252	9302	0.404	ng/ul	99
26) Benzo(a)pyrene	23.280	252	7724	0.394	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.538	276	9912	0.386	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.553	278	7876	0.382	ng/ul	98
29) Benzo(g,h,i)perylene	26.190	276	8405	0.385	ng/ul	99

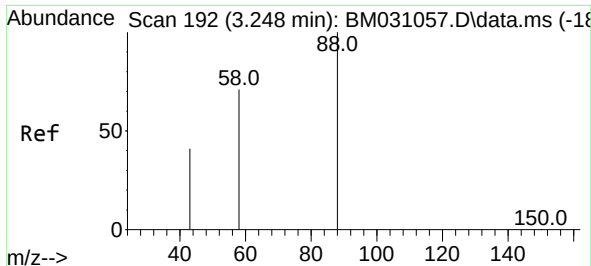
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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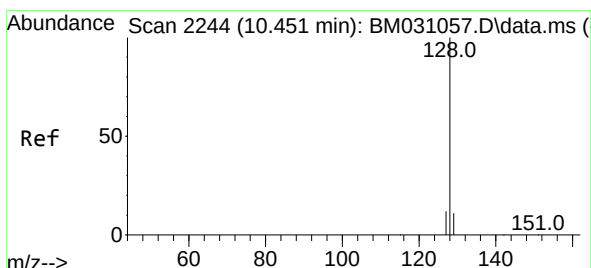
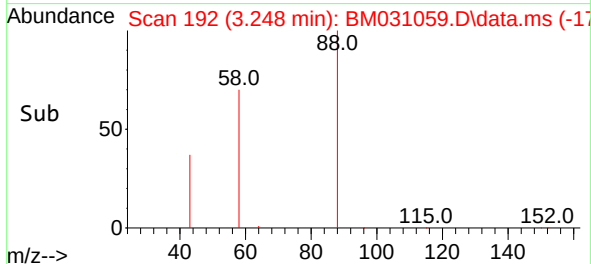
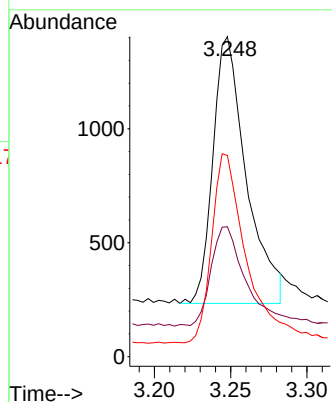
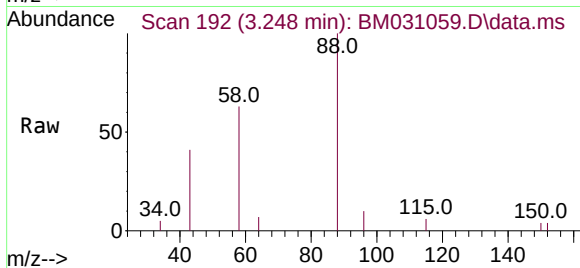




#2
1,4-Dioxane
Concen: 1.754 ng/ul
RT: 3.248 min Scan# 192
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

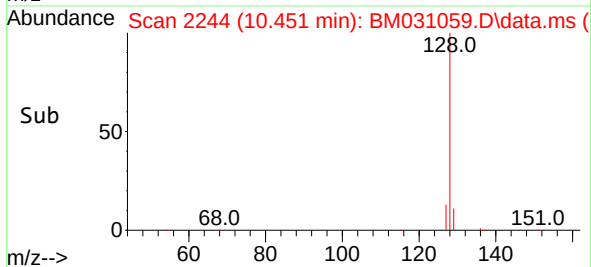
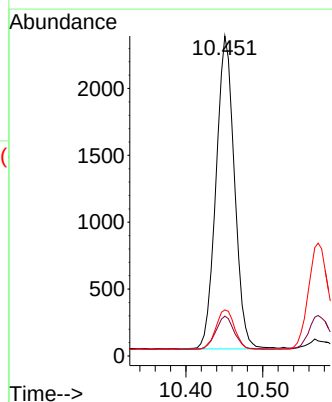
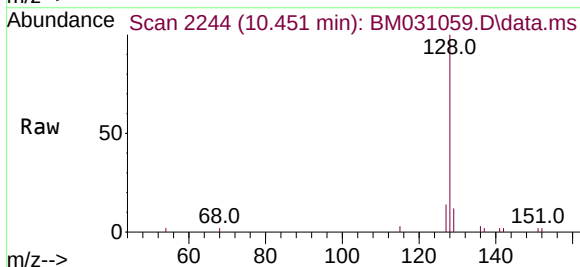
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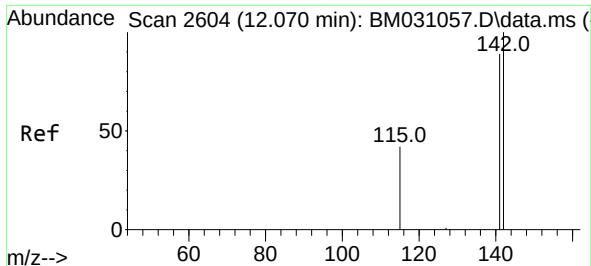
Tgt Ion:	88	Resp:	1777
Ion	Ratio	Lower	Upper
88	100		
43	40.6	35.2	52.8
58	62.9	39.1	58.7#



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:	128	Resp:	3895
Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.2	15.4
127	14.4	11.8	17.8

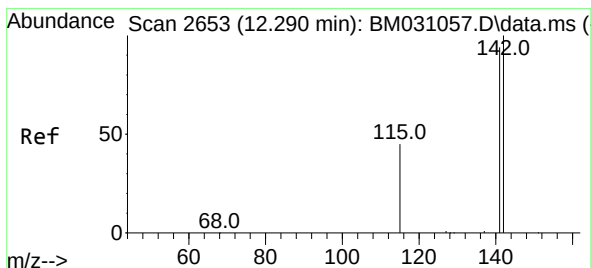
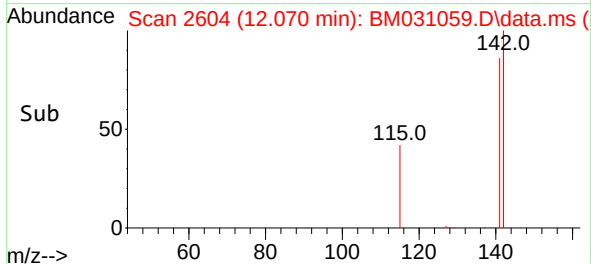
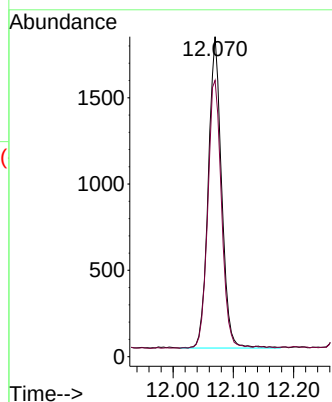
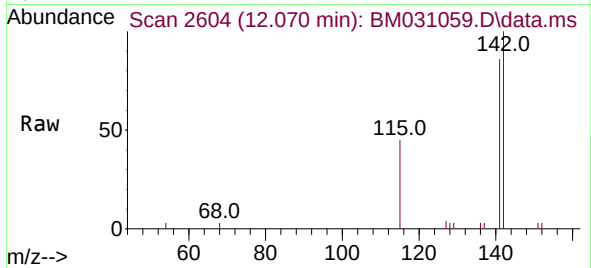




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

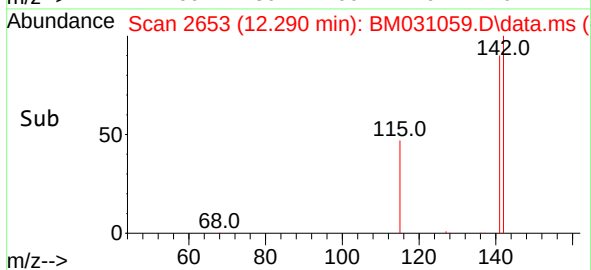
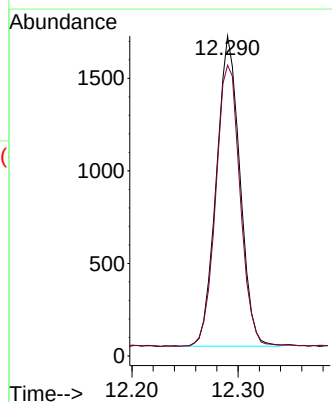
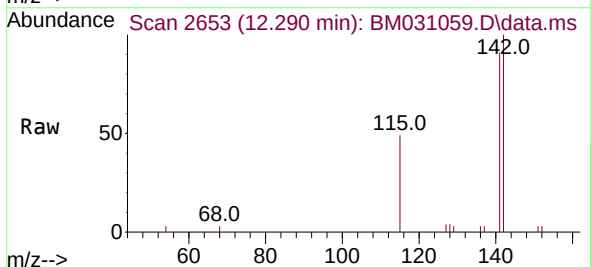
Instrument :
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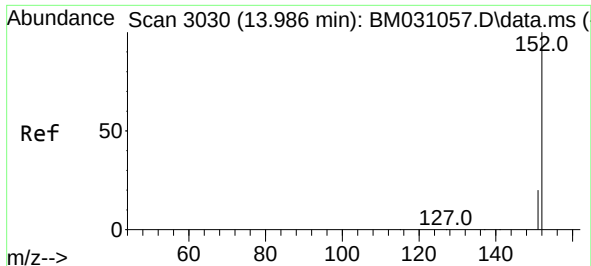
Tgt Ion:142 Resp: 2783
Ion Ratio Lower Upper
142 100
141 88.8 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.290 min Scan# 2653
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:142 Resp: 2581
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4

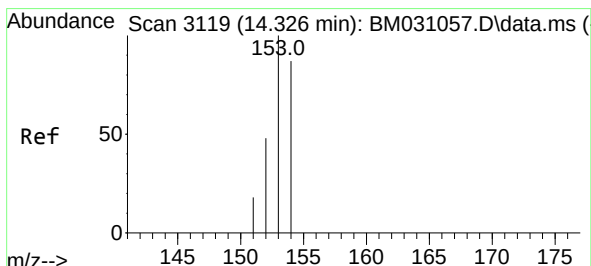
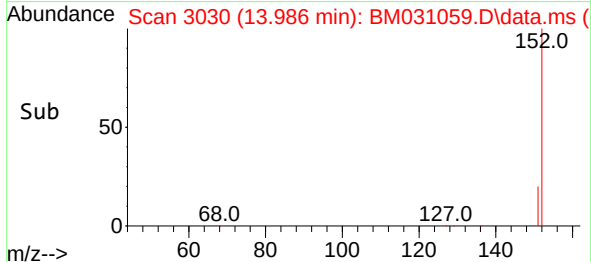
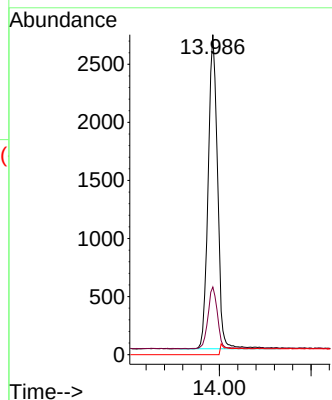
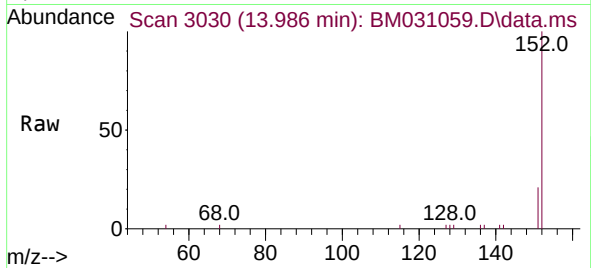




#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

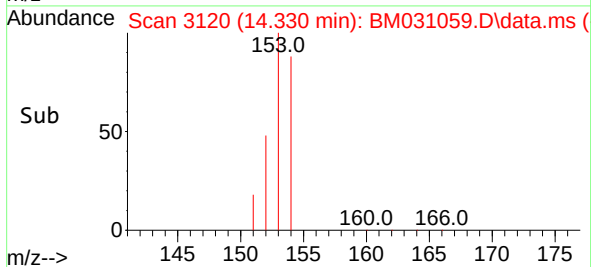
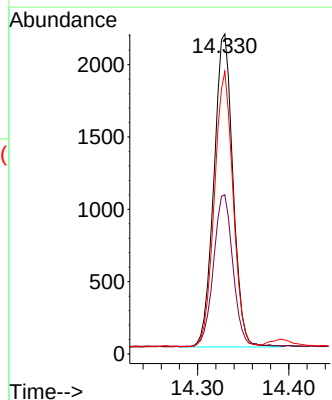
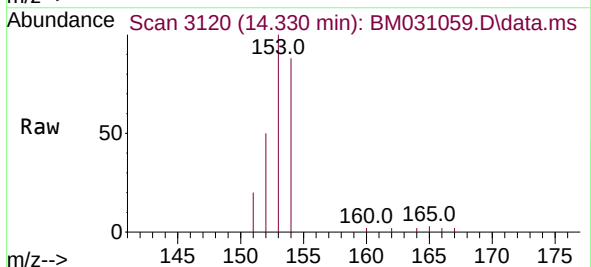
Instrument :
BNA_M
ClientSampleId :
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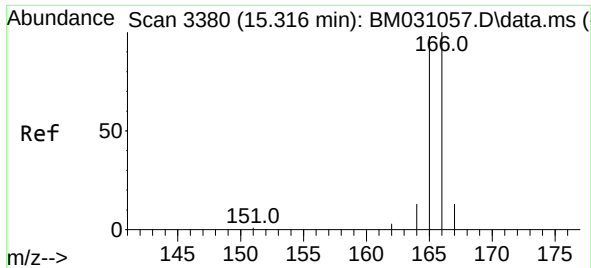
Tgt Ion:152 Resp: 3533
Ion Ratio Lower Upper
152 100
151 21.2 17.5 26.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.004 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:153 Resp: 3140
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.2
154 88.3 68.2 102.4

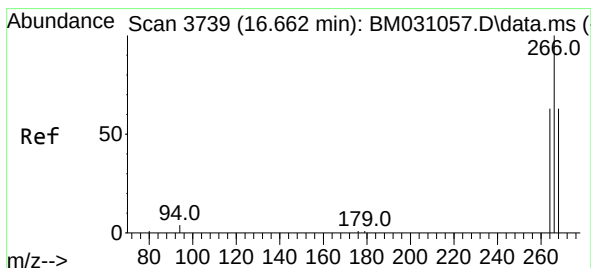
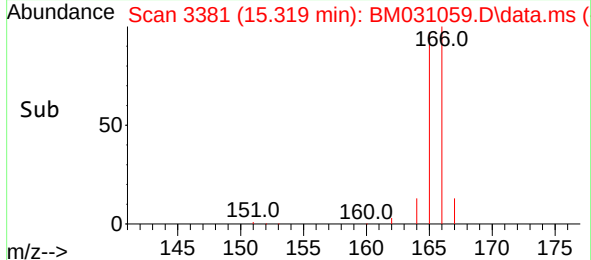
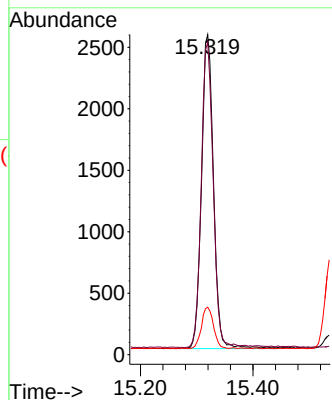
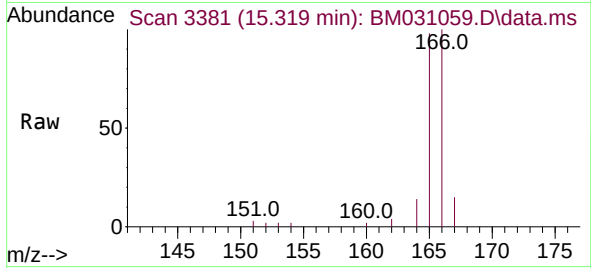




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.004 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

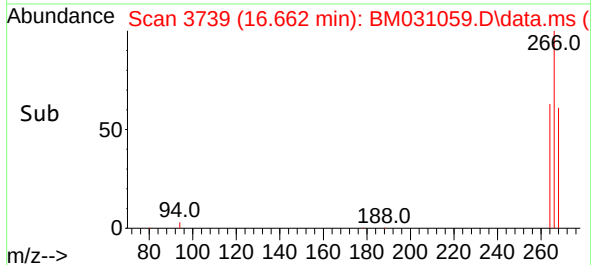
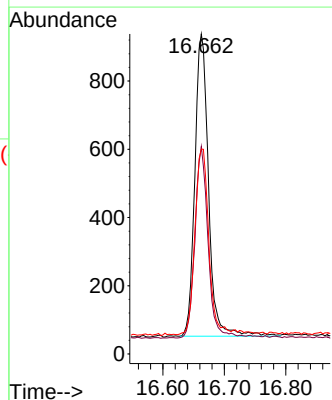
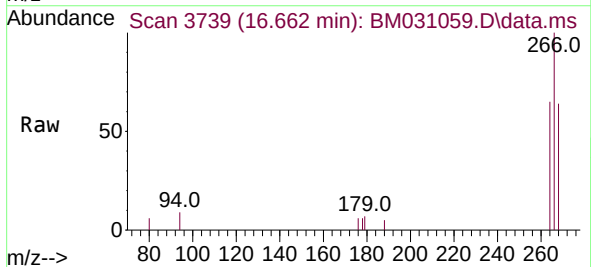
Instrument :
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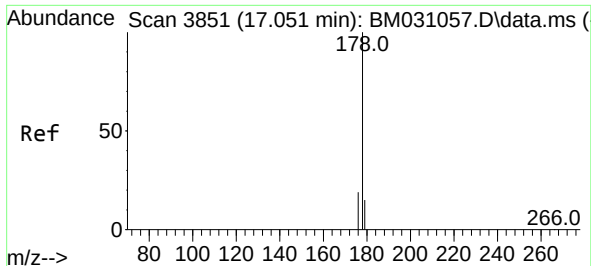
Tgt Ion:	166	Resp:	3778
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	14.9	12.3	18.5



#14
Pentachlorophenol
Concen: 0.710 ng/ul
RT: 16.662 min Scan# 3739
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:	266	Resp:	1375
Ion	Ratio	Lower	Upper
266	100		
264	60.4	50.9	76.3
268	61.5	51.2	76.8

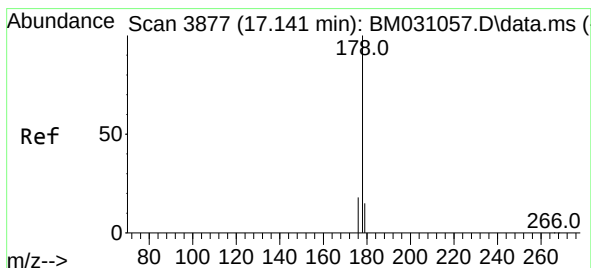
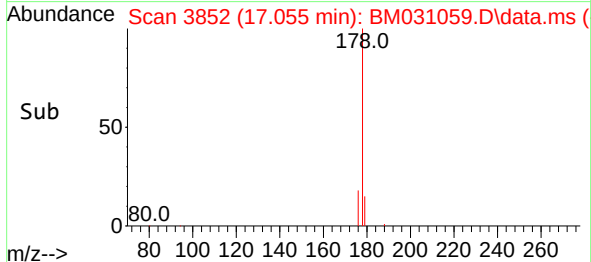
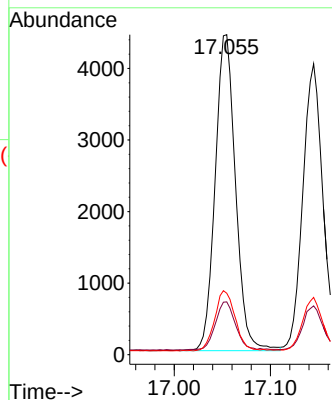
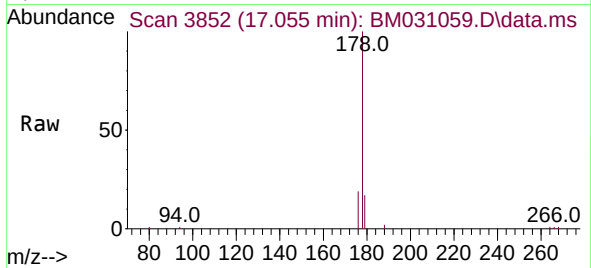




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.055 min Scan# 3852
Delta R.T. 0.004 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

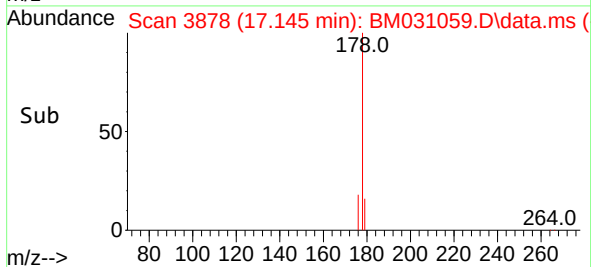
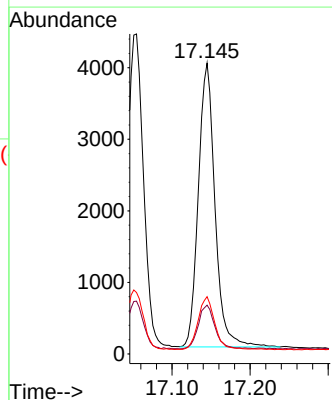
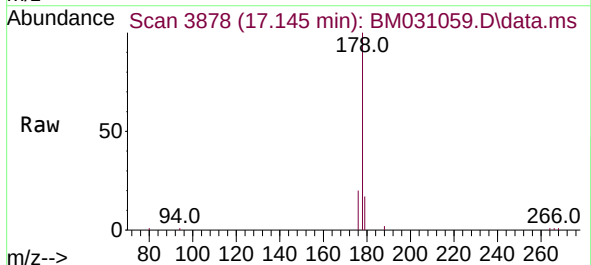
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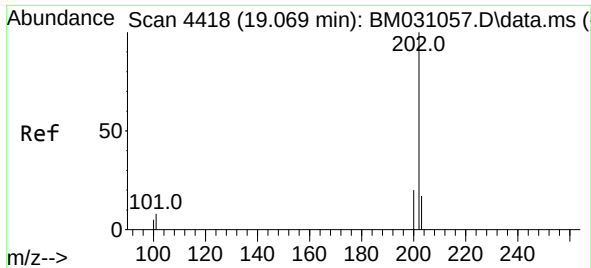
Tgt Ion:178 Resp: 6494
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.145 min Scan# 3878
Delta R.T. 0.004 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:178 Resp: 5883
Ion Ratio Lower Upper
178 100
179 16.8 13.8 20.8
176 19.7 15.7 23.5

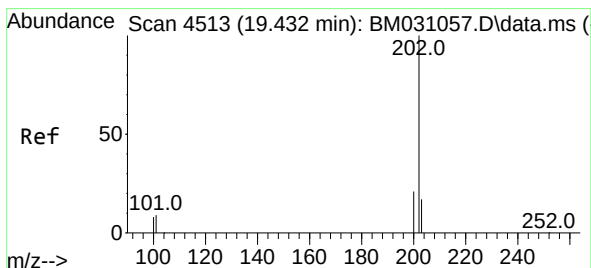
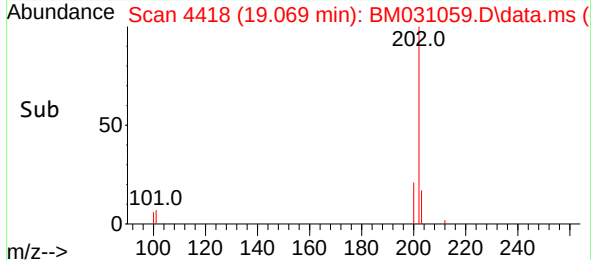
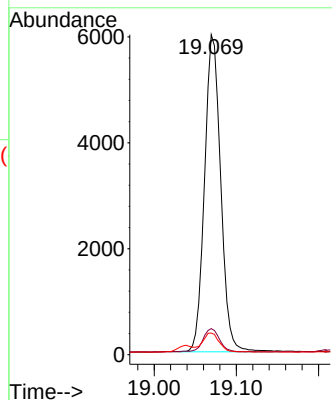
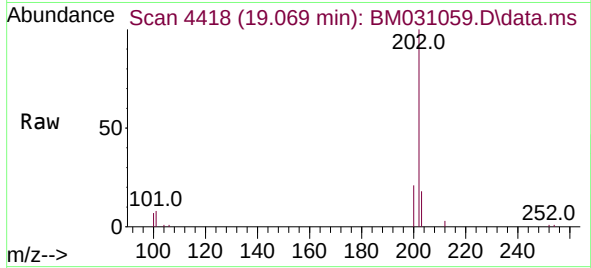




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

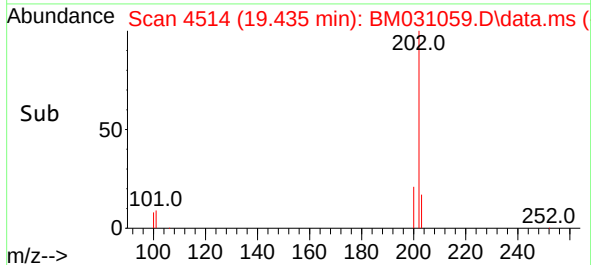
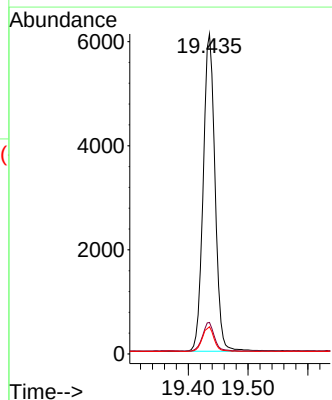
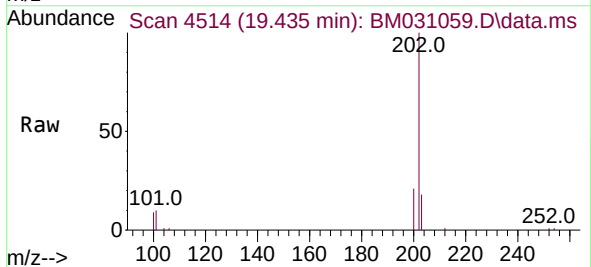
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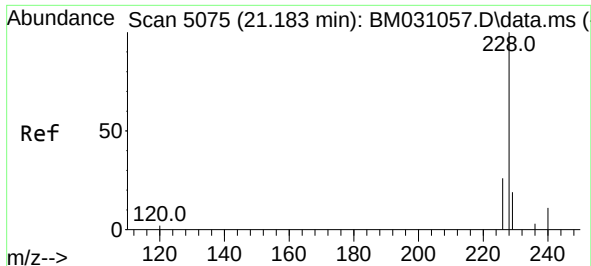
Tgt Ion:	202	Resp:	8182
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.0	9.0
100	6.8	4.8	7.2



#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.435 min Scan# 4514
Delta R.T. 0.004 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:	202	Resp:	8369
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.4	11.0
100	8.5	6.0	9.0

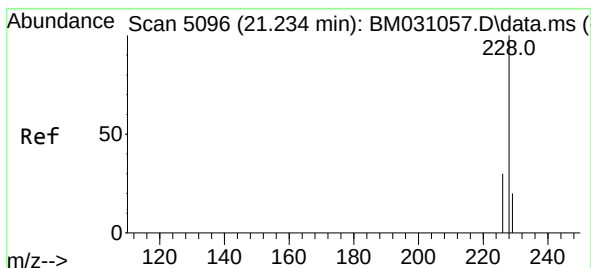
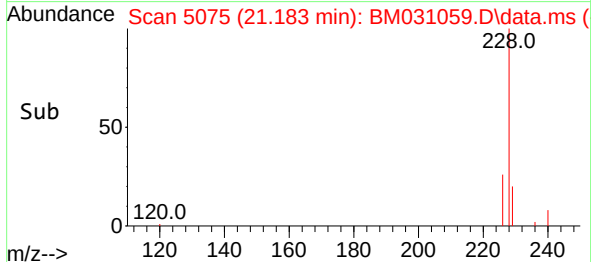
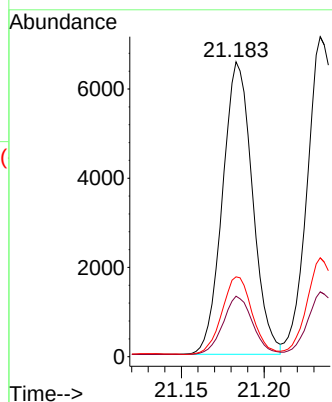
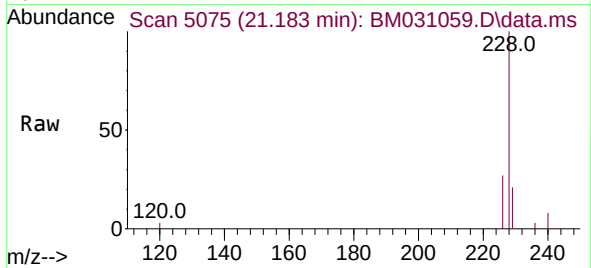




#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

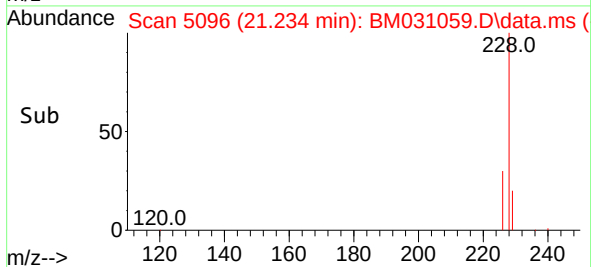
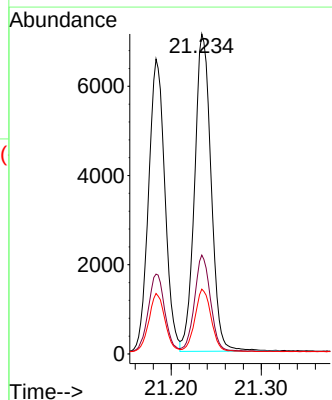
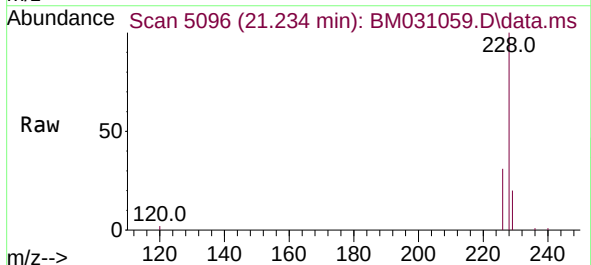
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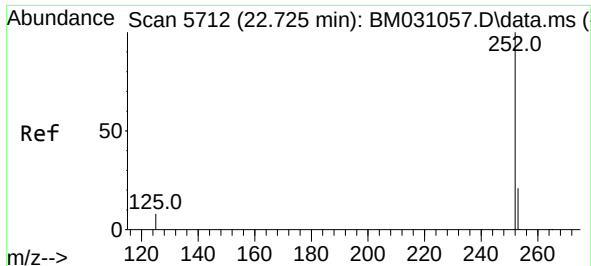
Tgt Ion:228	Resp:	8266
Ion Ratio	Lower	Upper
228	100	
229	20.5	16.0 24.0
226	27.1	21.4 32.2



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.234 min Scan# 5096
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:228	Resp:	9045
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.5 36.7
229	20.2	15.8 23.8

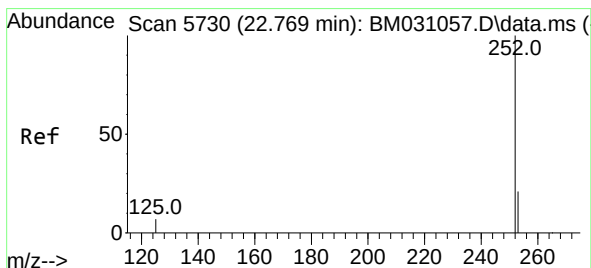
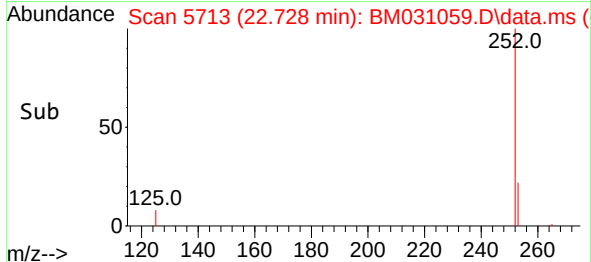
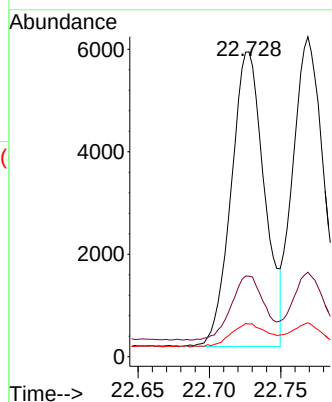
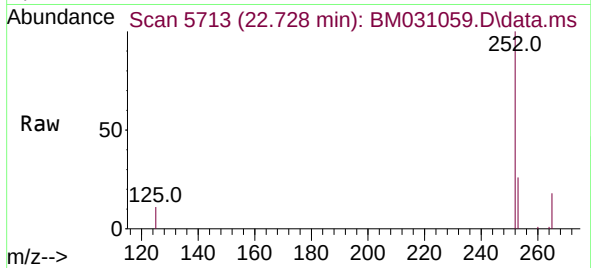




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.728 min Scan# 5713
Delta R.T. 0.002 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

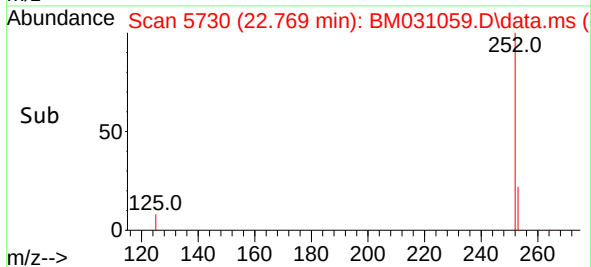
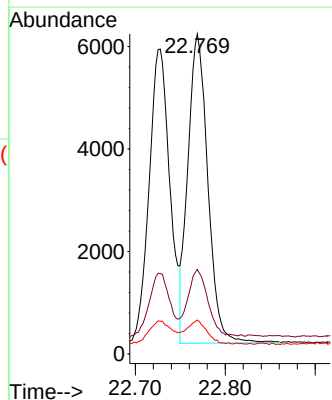
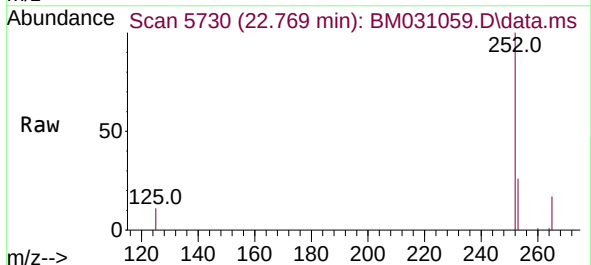
Instrument :
BNA_M
ClientSampleId :
SLCS620

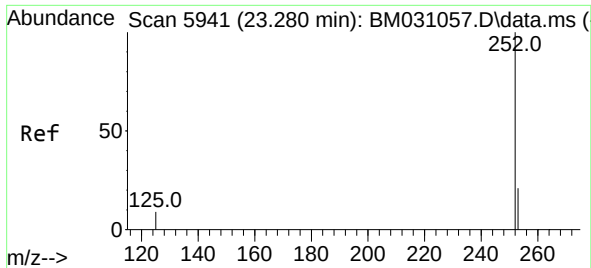
Tgt Ion:252	Resp:	9311
Ion Ratio	Lower	Upper
252	100	
253	26.4	0.0 52.8
125	10.7	0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.769 min Scan# 5730
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:252	Resp:	9302
Ion Ratio	Lower	Upper
252	100	
253	26.4	21.6 32.4
125	10.6	8.6 13.0

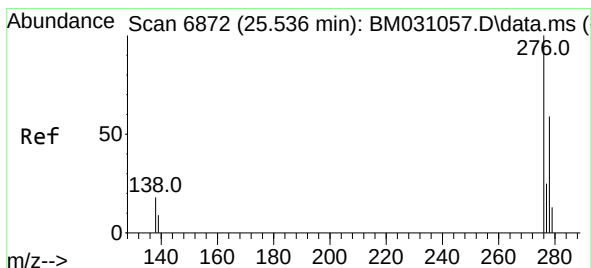
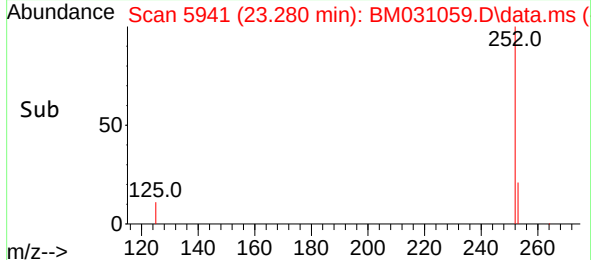
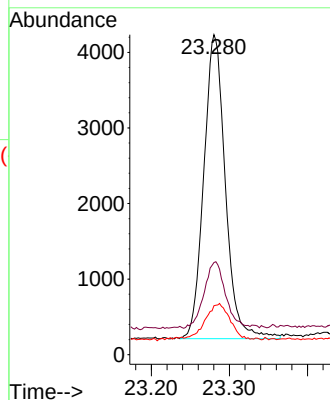
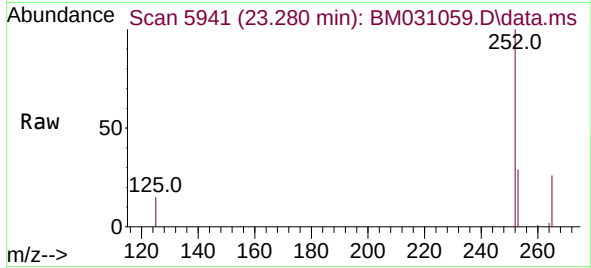




#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.280 min Scan# 5941
Delta R.T. 0.000 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

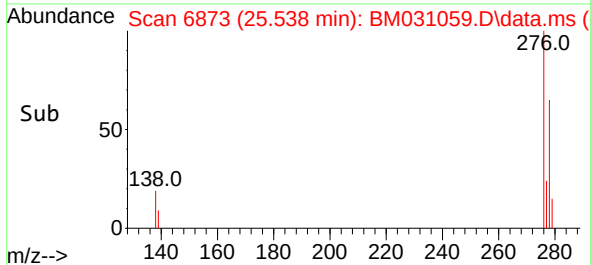
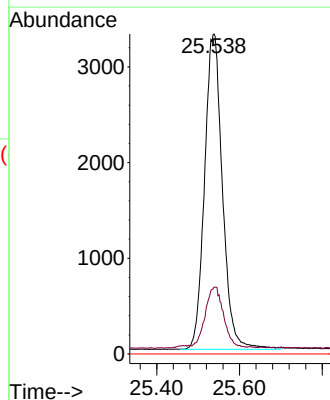
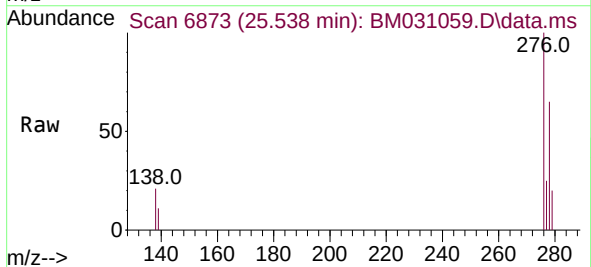
Instrument :
BNA_M
ClientSampleId :
SLCS620

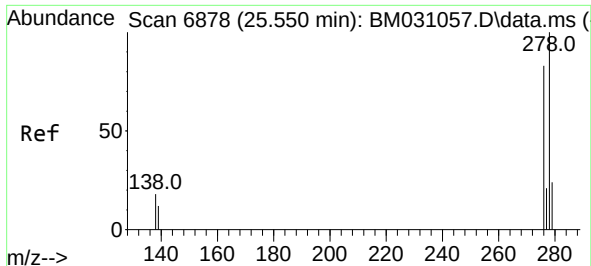
Tgt Ion:252	Resp:	7724
Ion Ratio	Lower	Upper
252	100	
253	28.8	23.1 34.7
125	15.3	10.7 16.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 25.538 min Scan# 6873
Delta R.T. 0.002 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:276	Resp:	9912
Ion Ratio	Lower	Upper
276	100	
138	19.4	15.4 23.0
227	0.0	0.0 0.0

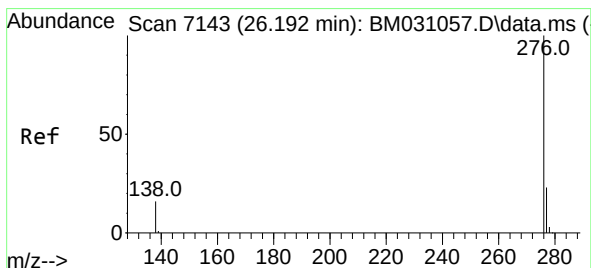
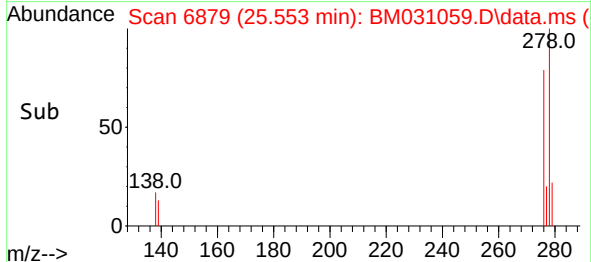
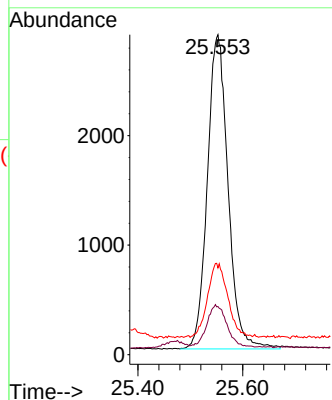
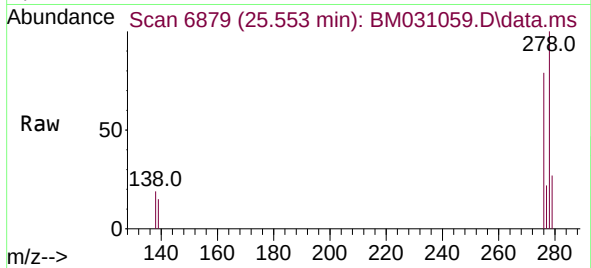




#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 25.553 min Scan# 6879
Delta R.T. 0.002 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Instrument :
BNA_M
ClientSampleId :
SLCS620

Tgt Ion:278 Resp: 7876
Ion Ratio Lower Upper
278 100
139 15.0 12.6 18.8
279 27.1 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 26.190 min Scan# 7142
Delta R.T. -0.002 min
Lab File: BM031059.D
Acq: 22 Jul 2021 10:24

Tgt Ion:276 Resp: 8405
Ion Ratio Lower Upper
276 100
138 18.4 14.0 21.0
277 25.3 19.9 29.9

