

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035574.D
 Acq On : 21 Jun 2022 16:09
 Operator : CG/JU
 Sample : N3285-14MS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4Q7MS

Quant Time: Jun 22 01:32:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

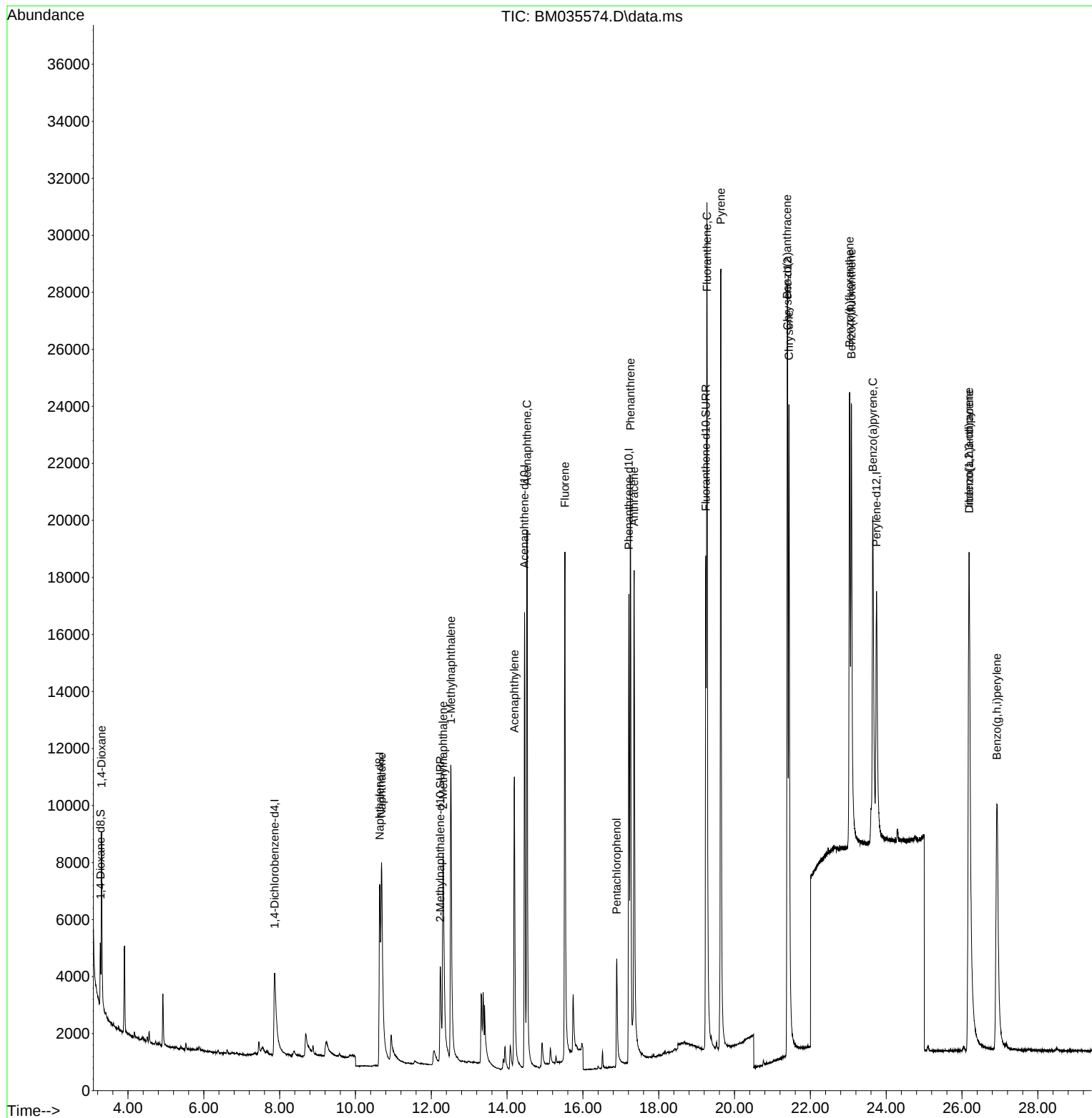
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	4134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	17066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.459	164	10507	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	22076	0.400	ng/ul	-0.02
17) Chrysene-d12	21.401	240	16191	0.400	ng/ul	-0.01
23) Perylene-d12	23.745	264	15232	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1552	0.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	8470	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	22605	0.416	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	3928	0.678	ng/ul#	64
5) Naphthalene	10.688	128	15925	0.276	ng/ul	99
7) 2-Methylnaphthalene	12.310	142	10074	0.305	ng/ul	99
8) 1-Methylnaphthalene	12.519	142	10638	0.351	ng/ul	100
10) Acenaphthylene	14.191	152	16838	0.285	ng/ul	99
11) Acenaphthene	14.524	153	13121	0.299	ng/ul	98
12) Fluorene	15.523	166	15432	0.311	ng/ul	100
14) Pentachlorophenol	16.891	266	3088	0.729	ng/ul	100
15) Phenanthrene	17.254	178	26025	0.322	ng/ul	98
16) Anthracene	17.351	178	23682	0.334	ng/ul	98
19) Fluoranthene	19.271	202	30569	0.369	ng/ul	96
20) Pyrene	19.638	202	30621	0.353	ng/ul	98
21) Benzo(a)anthracene	21.389	228	21600	0.353	ng/ul	100
22) Chrysene	21.436	228	25917	0.356	ng/ul	100
24) Benzo(b)fluoranthene	23.034	252	22981	0.345	ng/ul	99
25) Benzo(k)fluoranthene	23.081	252	24144	0.349	ng/ul	99
26) Benzo(a)pyrene	23.648	252	24168	0.350	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.185	276	28645	0.360	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.189	278	23360	0.359	ng/ul	97
29) Benzo(g,h,i)perylene	26.920	276	25521	0.358	ng/ul	99

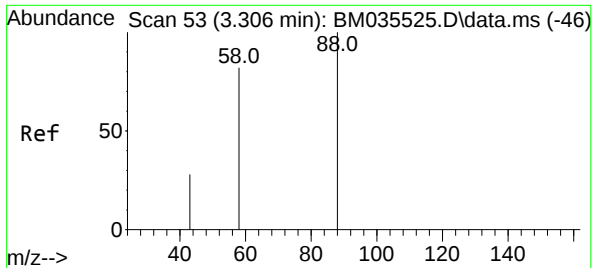
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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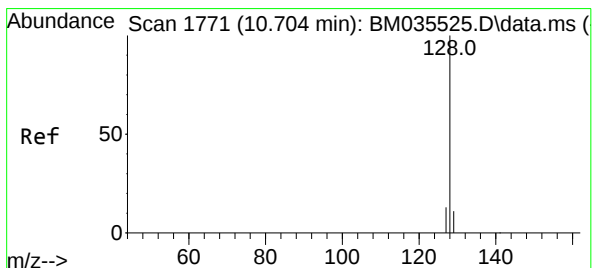
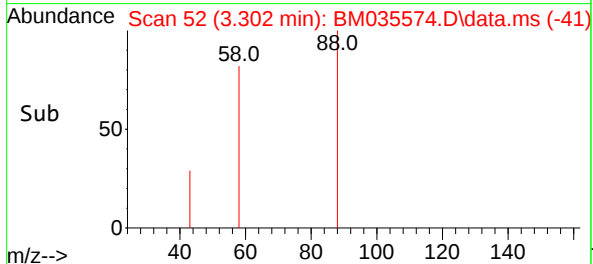
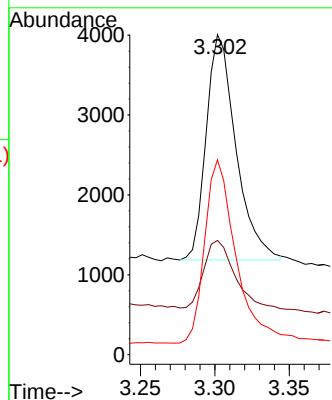
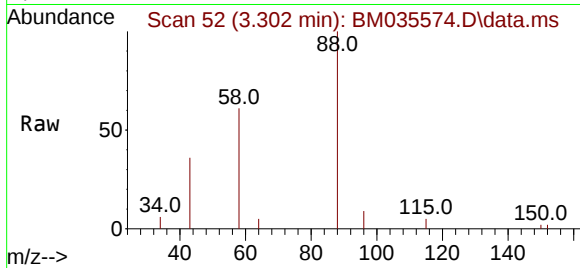




#2
1,4-Dioxane
Concen: 0.678 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

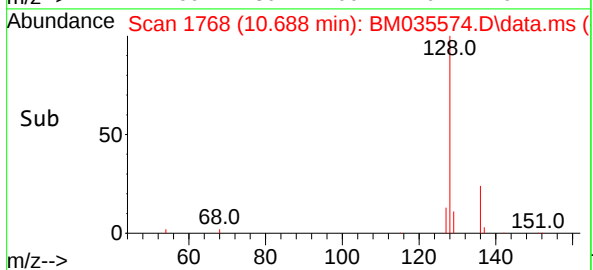
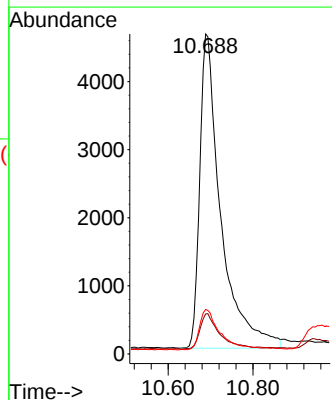
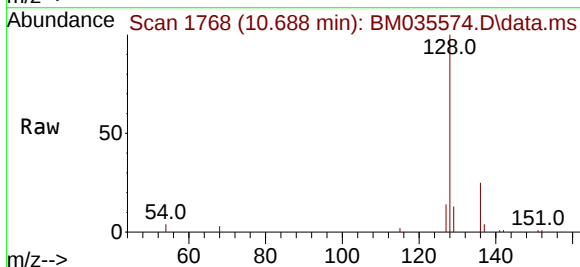
Instrument :
BNA_M
ClientSampleId :
EW4Q7MS

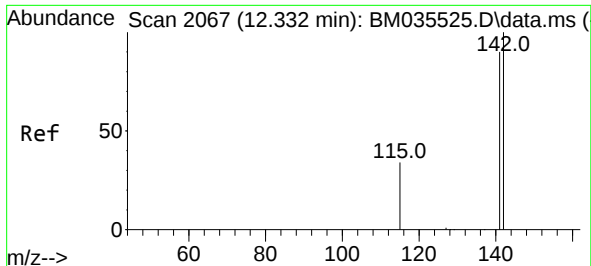
Tgt Ion: 88 Resp: 3928
Ion Ratio Lower Upper
88 100
43 35.7 70.4 105.6#
58 60.9 45.6 68.4



#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion: 128 Resp: 15925
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 13.9 11.4 17.2

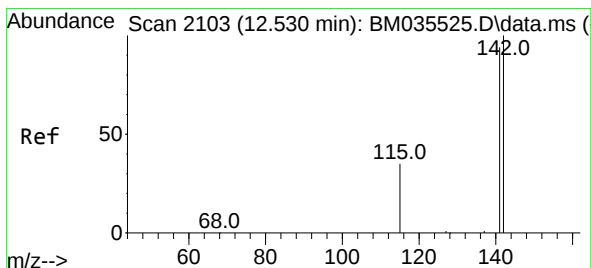
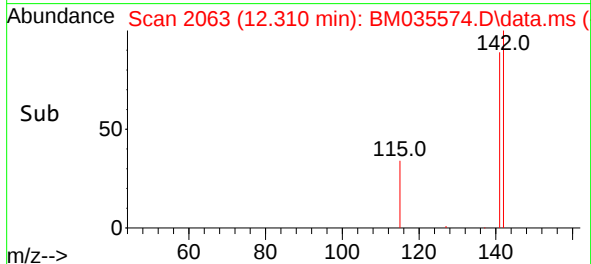
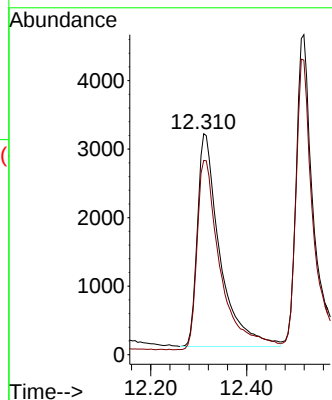
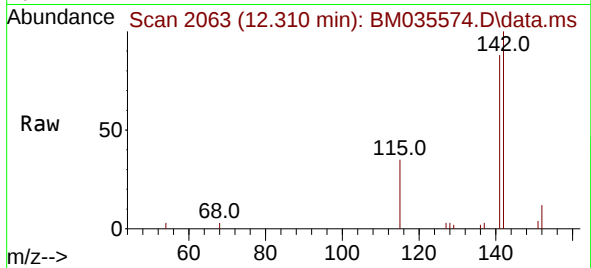




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.011 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

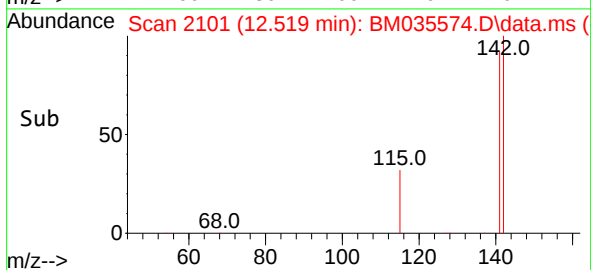
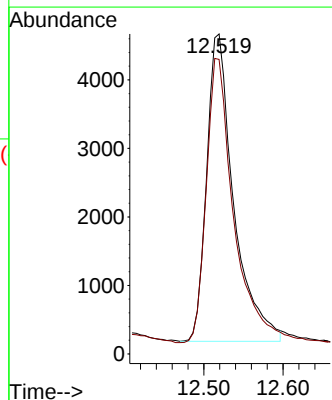
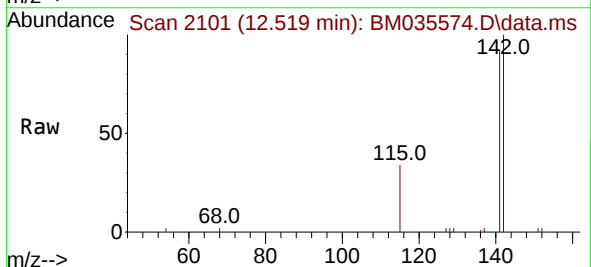
Instrument :
BNA_M
ClientSampleId :
EW4Q7MS

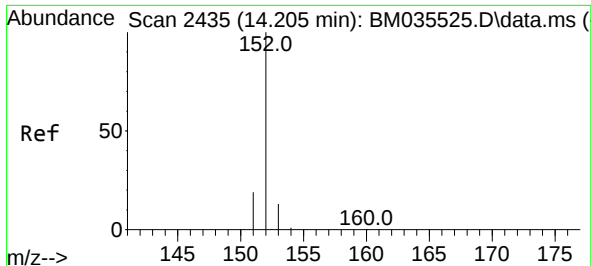
Tgt Ion:142 Resp: 10074
Ion Ratio Lower Upper
142 100
141 93.7 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion:142 Resp: 10638
Ion Ratio Lower Upper
142 100
141 93.1 74.6 111.8

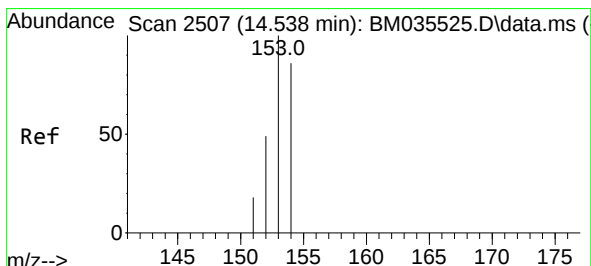
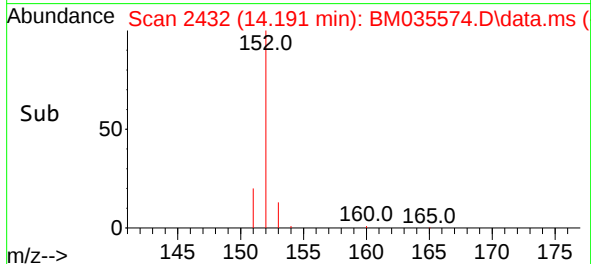
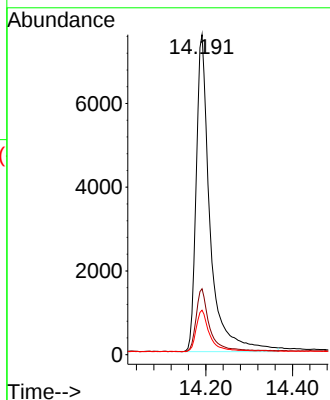
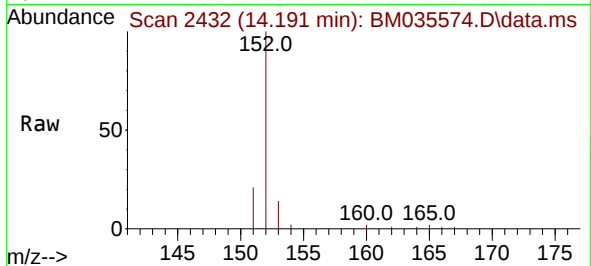




#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.191 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

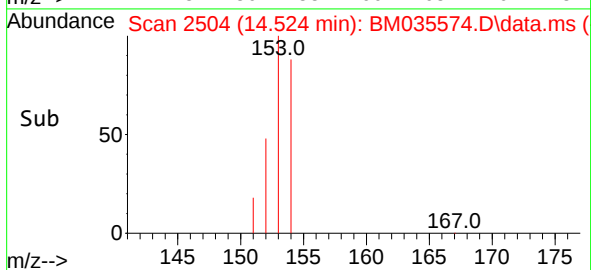
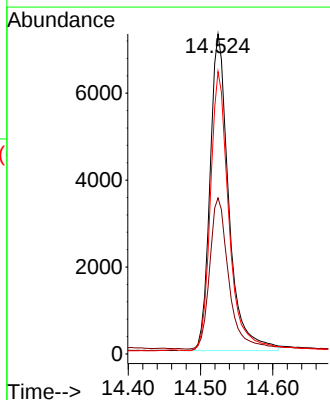
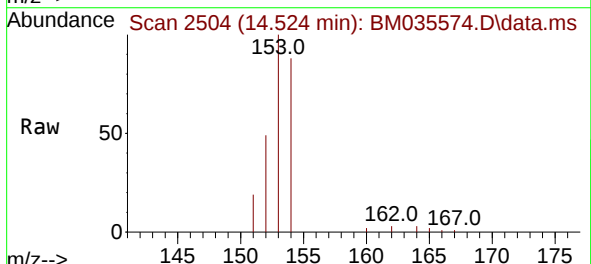
Instrument :
BNA_M
ClientSampleId :
EW4Q7MS

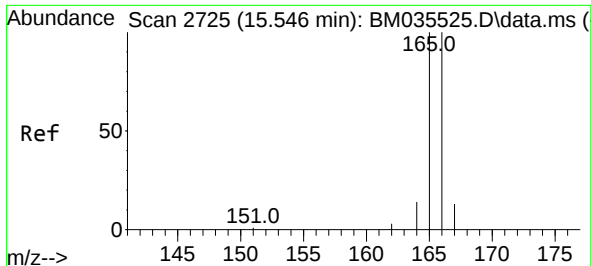
Tgt Ion:152 Resp: 16838
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.524 min Scan# 2504
Delta R.T. -0.010 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion:153 Resp: 13121
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 88.3 69.1 103.7

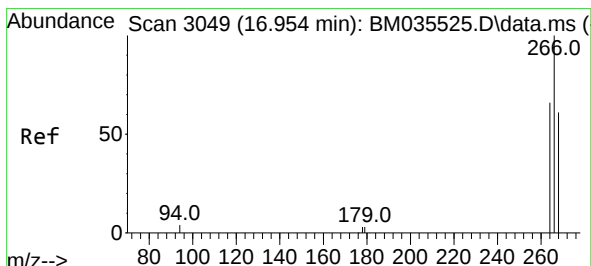
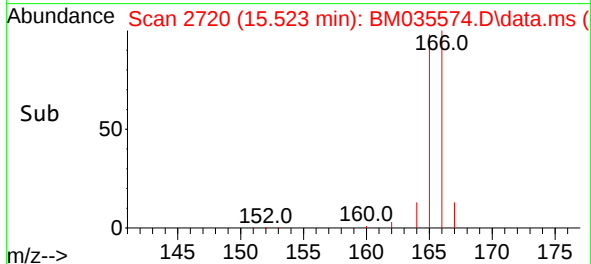
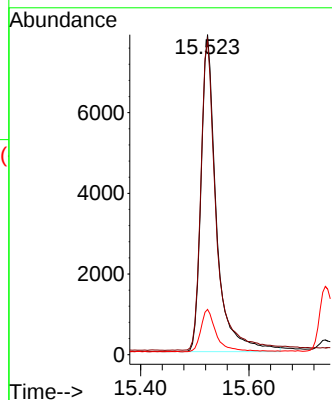
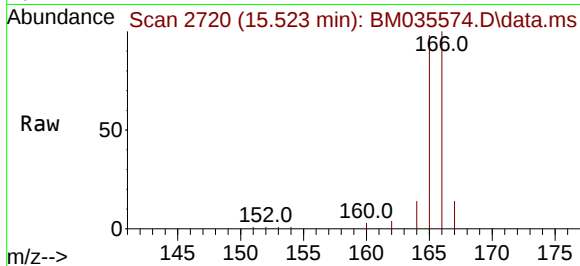




#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.523 min Scan# 21
Delta R.T. -0.015 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

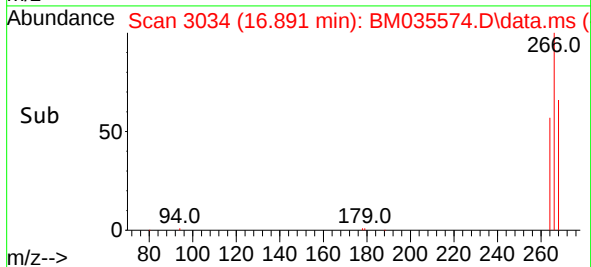
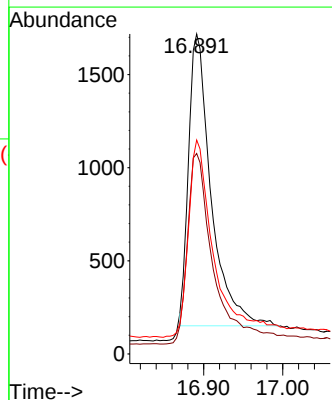
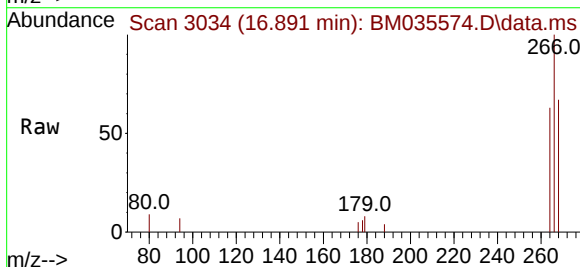
Instrument :
BNA_M
ClientSampleId :
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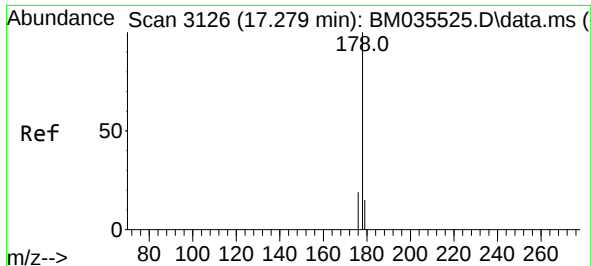
Tgt Ion:166 Resp: 15432
Ion Ratio Lower Upper
166 100
165 98.3 78.7 118.1
167 14.2 11.6 17.4



#14
Pentachlorophenol
Concen: 0.729 ng/ul
RT: 16.891 min Scan# 3034
Delta R.T. -0.039 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion:266 Resp: 3088
Ion Ratio Lower Upper
266 100
264 63.9 51.0 76.4
268 64.2 51.7 77.5

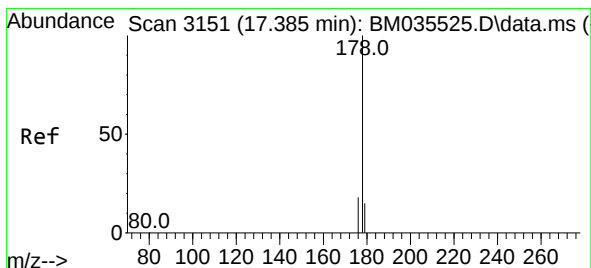
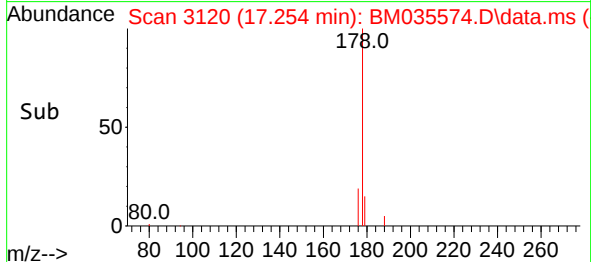
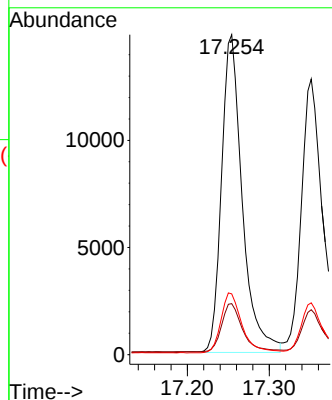
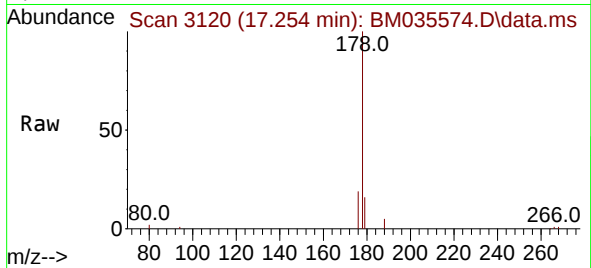




#15
Phenanthrene
Concen: 0.322 ng/u1
RT: 17.254 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

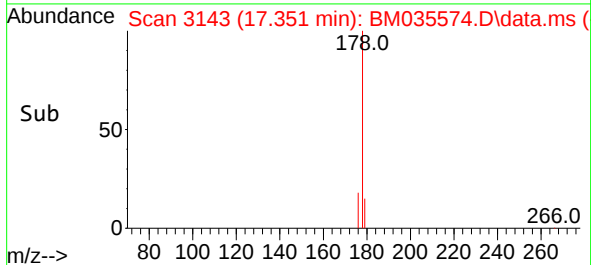
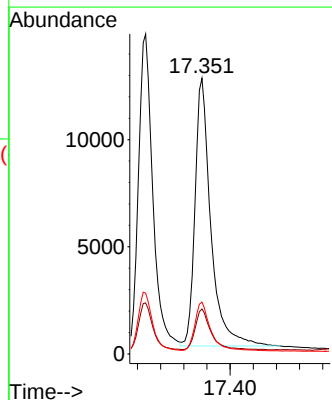
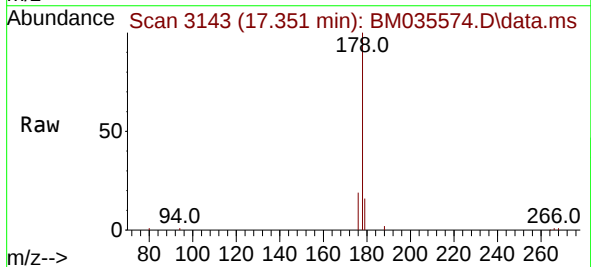
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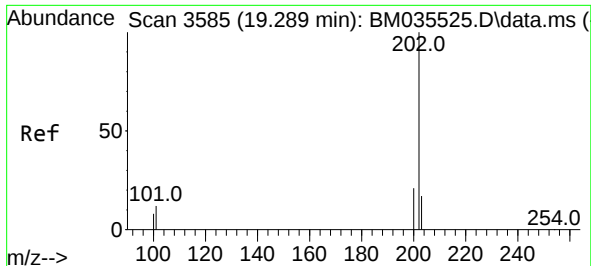
Tgt Ion:	178	Resp:	26025
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.2	19.8
176	19.0	16.2	24.4



#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.022 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion:	178	Resp:	23682
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.4	20.0
176	18.8	15.9	23.9

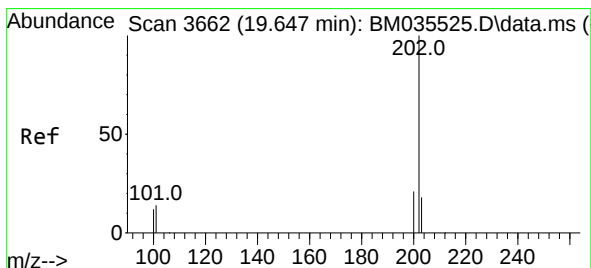
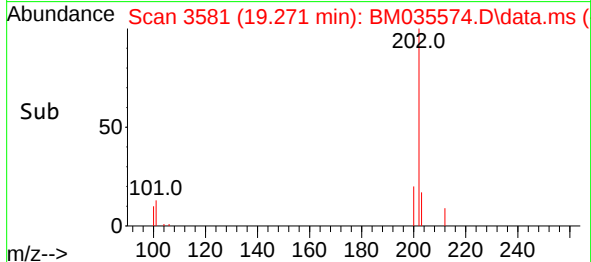
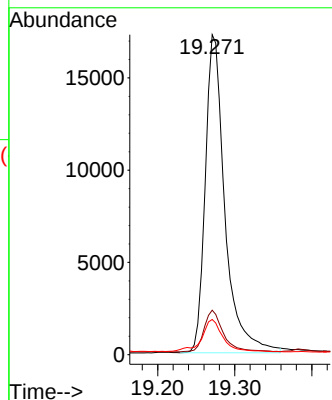
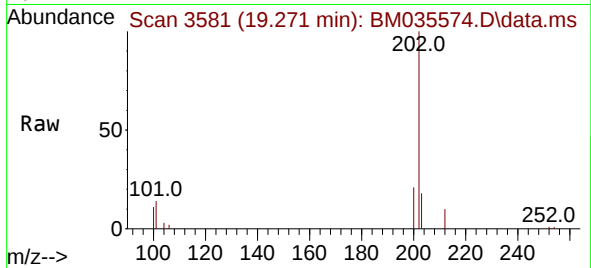




#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

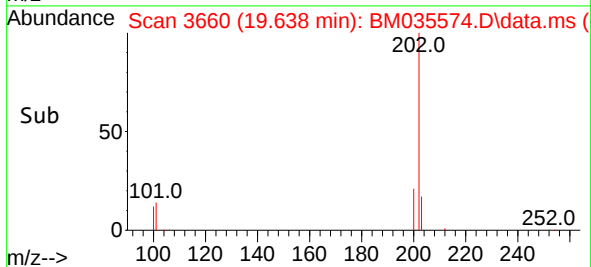
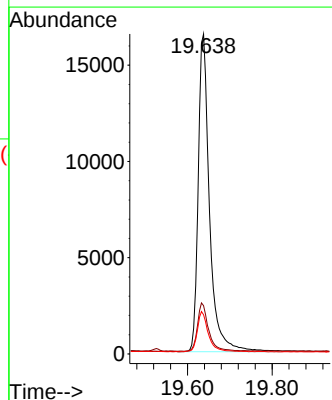
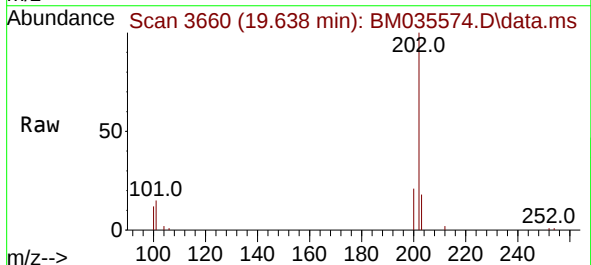
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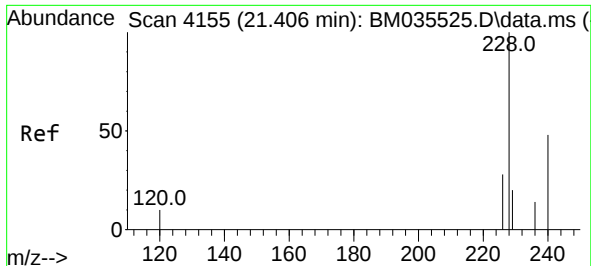
Tgt Ion:202 Resp: 30569
Ion Ratio Lower Upper
202 100
101 13.9 10.0 15.0
100 11.0 7.5 11.3



#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.638 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion:202 Resp: 30621
Ion Ratio Lower Upper
202 100
101 15.1 11.6 17.4
100 12.2 9.3 13.9

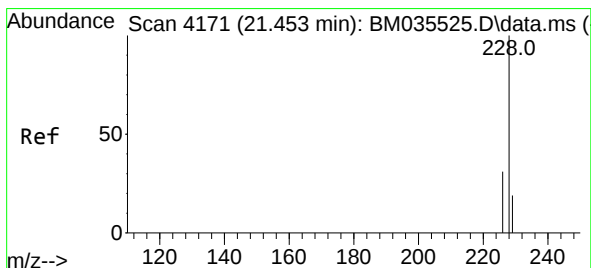
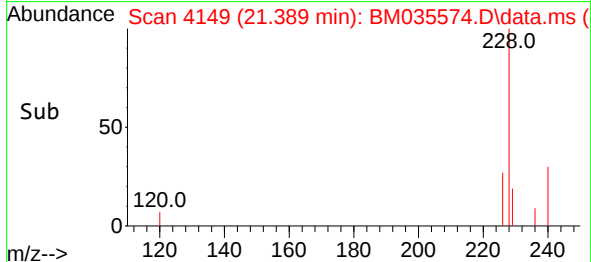
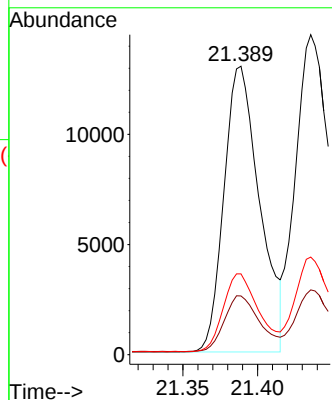
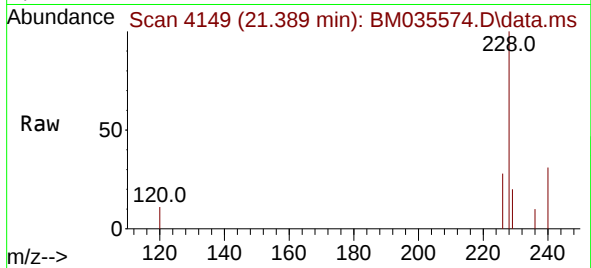




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.389 min Scan# 4155
Delta R.T. -0.011 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

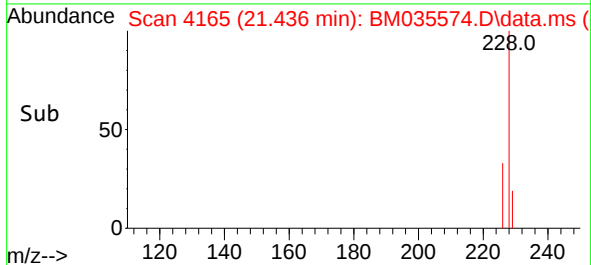
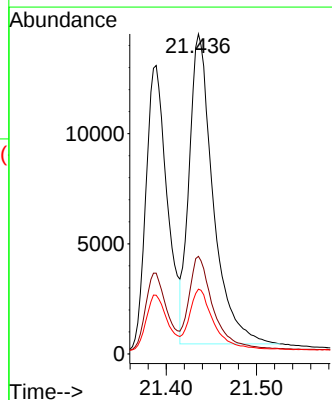
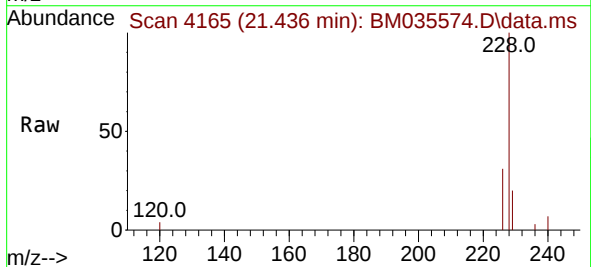
Instrument :
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EW4Q7MS

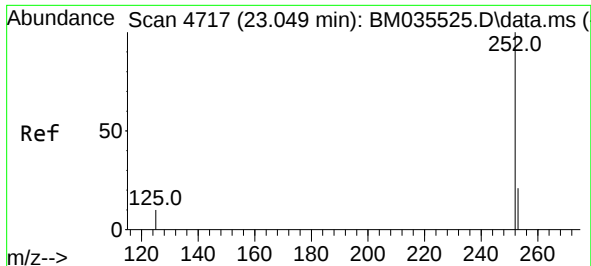
Tgt Ion:228 Resp: 21600
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.014 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion:228 Resp: 25917
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 20.2 15.8 23.8

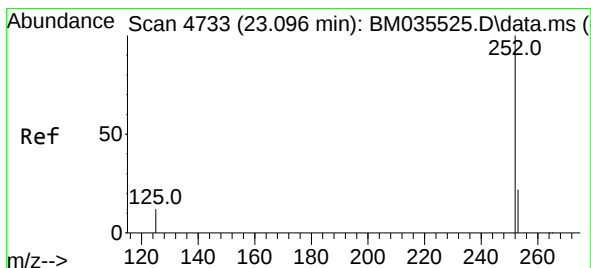
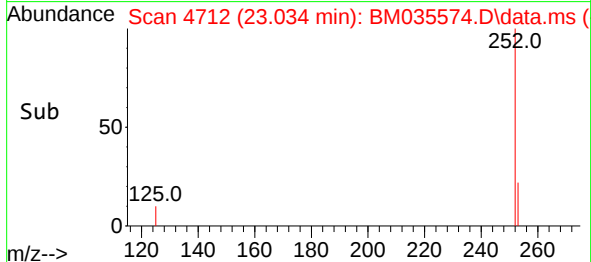
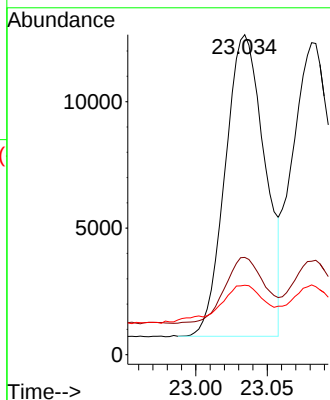
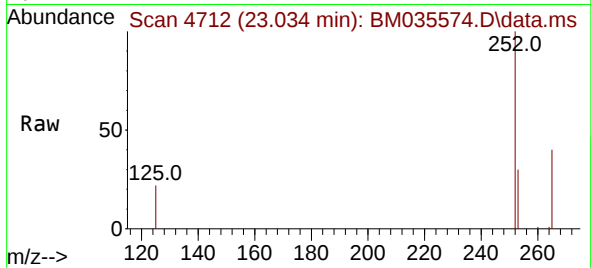




#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.034 min Scan# 4712
Delta R.T. -0.017 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

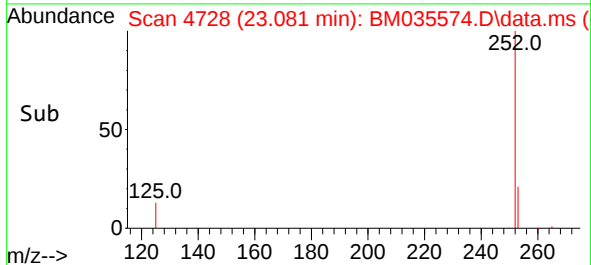
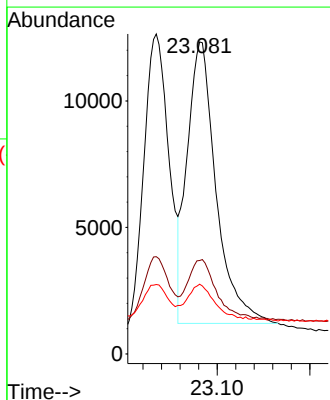
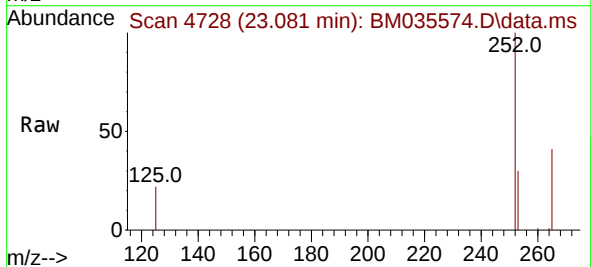
Instrument :
BNA_M
ClientSampleId :
EW4Q7MS

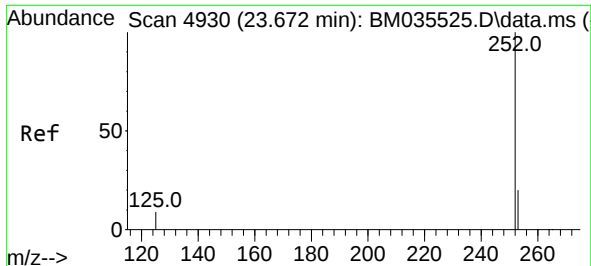
Tgt Ion:252	Resp:	22981
Ion Ratio	Lower	Upper
252	100	
253	30.4	0.0 60.6
125	21.7	0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.081 min Scan# 4728
Delta R.T. -0.017 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion:252	Resp:	24144
Ion Ratio	Lower	Upper
252	100	
253	30.0	24.7 37.1
125	22.3	18.2 27.4

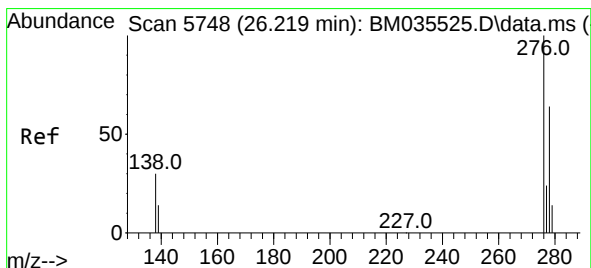
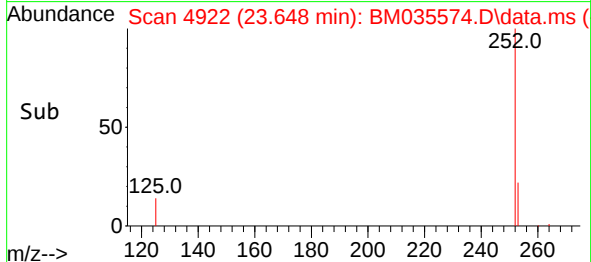
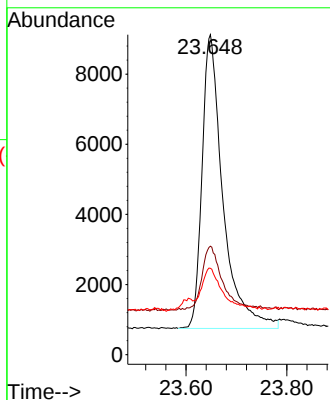
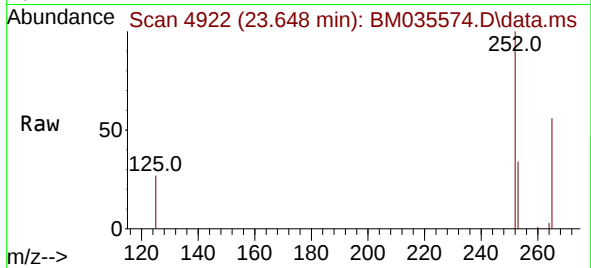




#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.648 min Scan# 4922
Delta R.T. -0.020 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

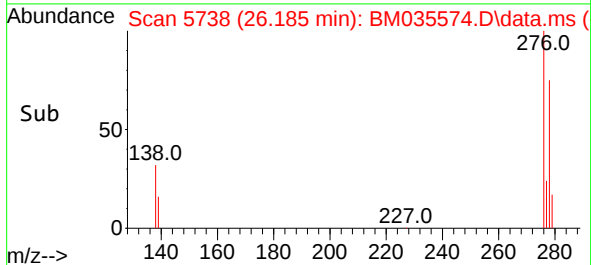
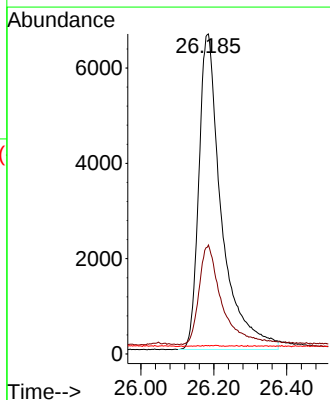
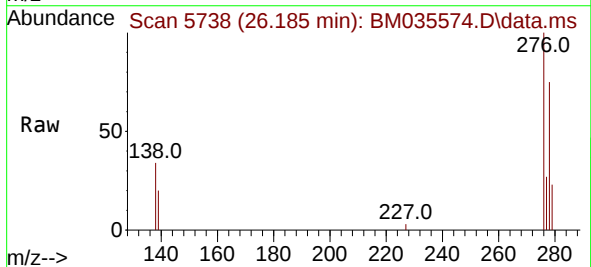
Instrument :
BNA_M
ClientSampleId :
EW4Q7MS

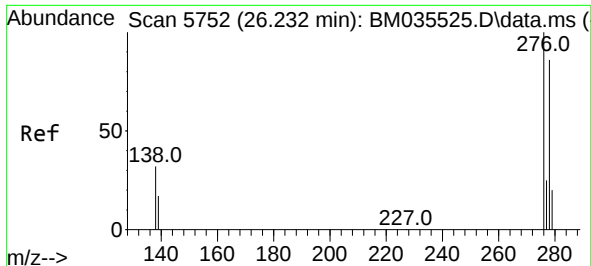
Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.9	27.8	41.6
125	27.0	23.3	34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 26.185 min Scan# 5738
Delta R.T. -0.026 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	24.8	37.2
227	0.1	0.1	0.1

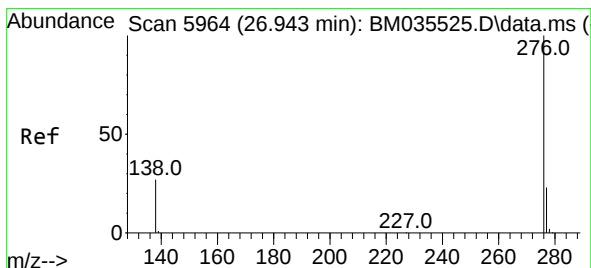
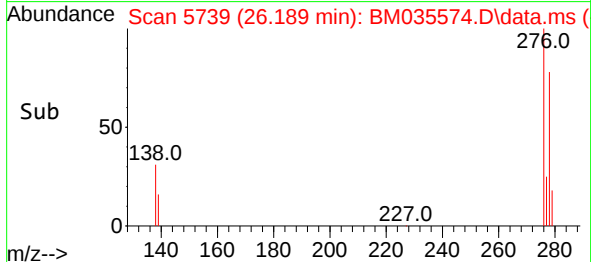
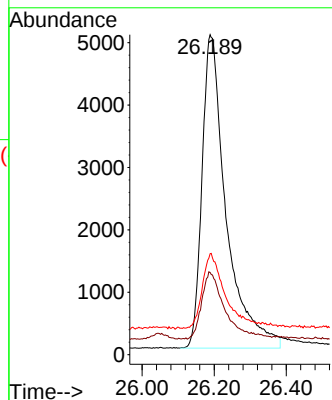
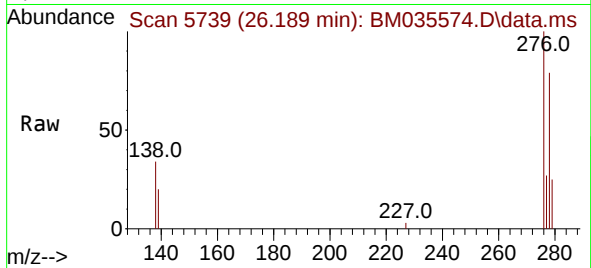




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 26.189 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Instrument :
BNA_M
ClientSampleId :
EW4Q7MS

Tgt Ion:278 Resp: 23360
Ion Ratio Lower Upper
278 100
139 25.7 19.1 28.7
279 31.5 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.920 min Scan# 5957
Delta R.T. -0.026 min
Lab File: BM035574.D
Acq: 21 Jun 2022 16:09

Tgt Ion:276 Resp: 25521
Ion Ratio Lower Upper
276 100
138 29.4 23.1 34.7
277 25.5 20.3 30.5

