

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
 Data File : BM047984.D
 Acq On : 10 Oct 2024 18:48
 Operator : RC/JU
 Sample : P4207-10MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EY052MS

Quant Time: Oct 10 23:44:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 18:01:13 2024
 Response via : Initial Calibration

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

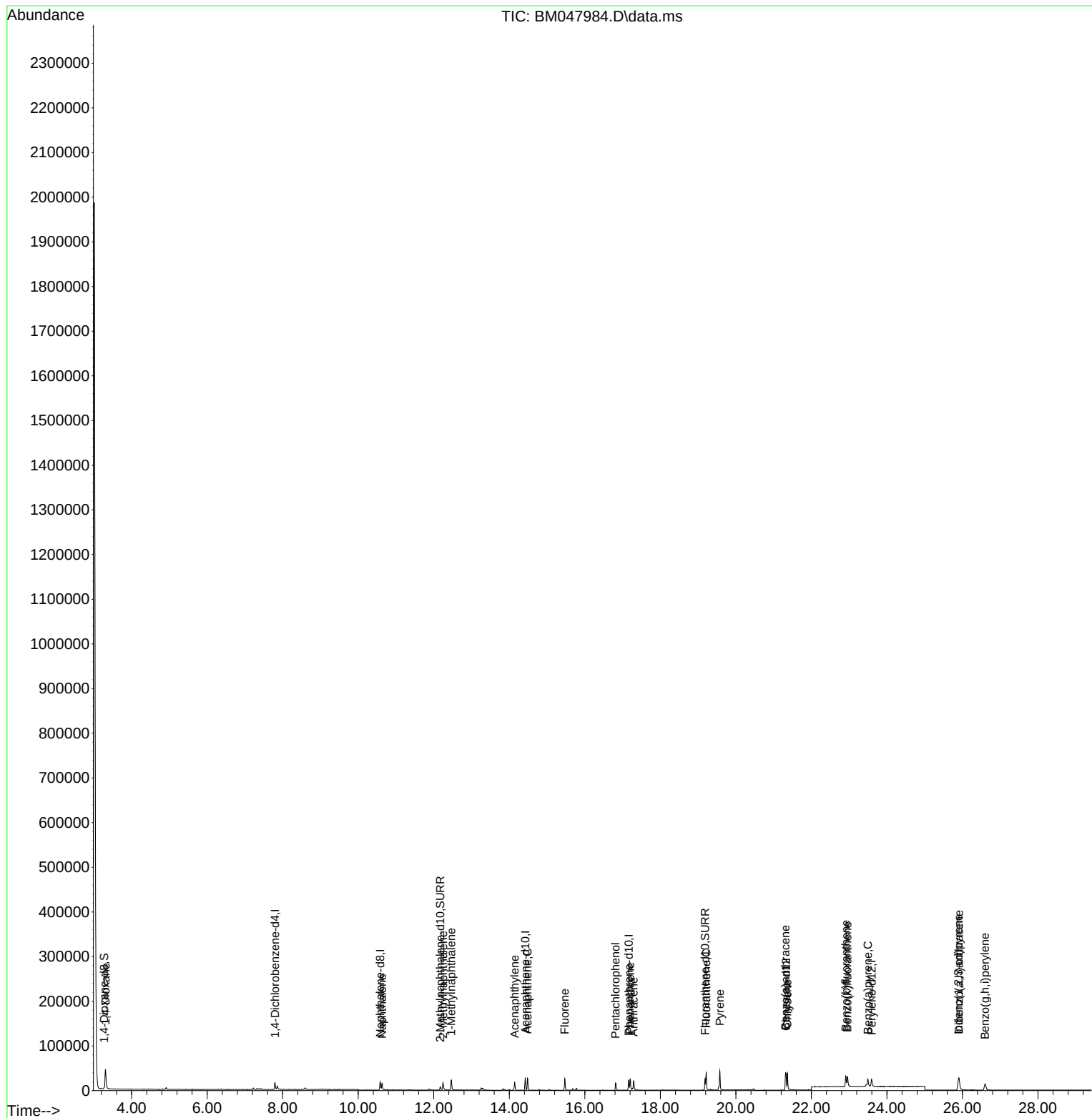
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	9458	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	29066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.424	164	15805	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	29218	0.400	ng/ul	0.00
17) Chrysene-d12	21.330	240	25164	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	22211	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	2919	0.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	11118	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.183	212	27398	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	42431	2.918	ng/ul#	80
5) Naphthalene	10.629	128	22774	0.287	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	13816	0.291	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	16966	0.340	ng/ul	100
10) Acenaphthylene	14.141	152	21763	0.283	ng/ul	99
11) Acenaphthene	14.484	153	16176	0.307	ng/ul	99
12) Fluorene	15.469	166	18542	0.311	ng/ul	99
14) Pentachlorophenol	16.816	266	12409	1.412	ng/ul	99
15) Phenanthrene	17.200	178	29851	0.344	ng/ul	99
16) Anthracene	17.293	178	24635	0.319	ng/ul	100
19) Fluoranthene	19.216	202	35839	0.339	ng/ul	96
20) Pyrene	19.574	202	39008	0.346	ng/ul	98
21) Benzo(a)anthracene	21.312	228	32315	0.304	ng/ul	100
22) Chrysene	21.365	228	35733	0.323	ng/ul	100
24) Benzo(b)fluoranthene	22.911	252	32749	0.339	ng/ul	98
25) Benzo(k)fluoranthene	22.955	252	34366	0.353	ng/ul	98
26) Benzo(a)pyrene	23.496	252	27385	0.359	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.896	276	38525	0.317	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.910	278	29539	0.323	ng/ul	97
29) Benzo(g,h,i)perylene	26.597	276	31486	0.323	ng/ul	98

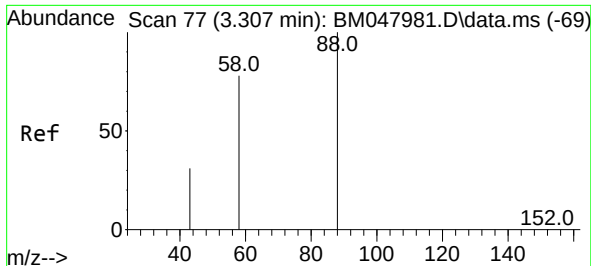
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
Data File : BM047984.D
Acq On : 10 Oct 2024 18:48
Operator : RC/JU
Sample : P4207-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EY052MS

Quant Time: Oct 10 23:44:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 18:01:13 2024
Response via : Initial Calibration

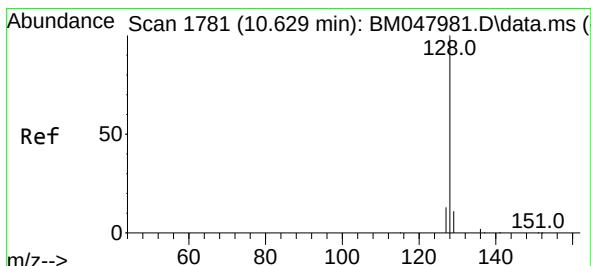
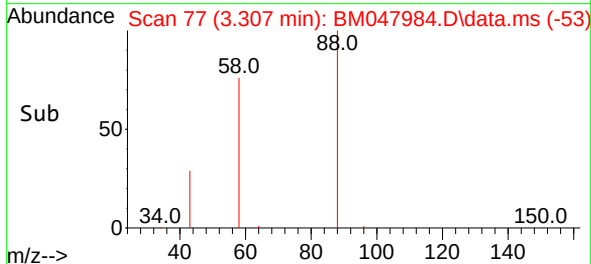
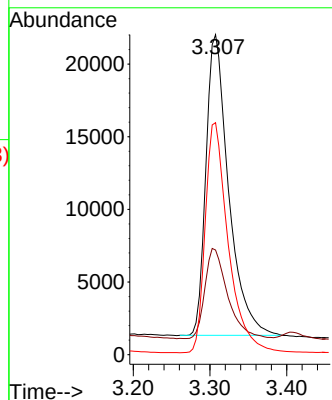
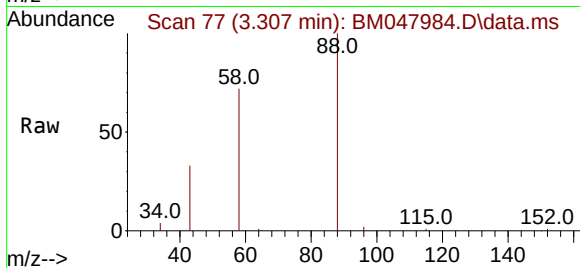




#2
1,4-Dioxane
Concen: 2.918 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

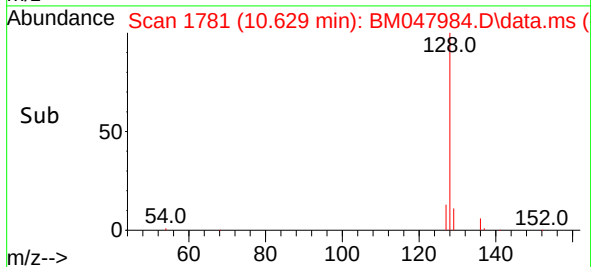
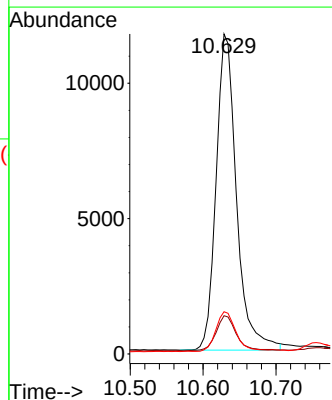
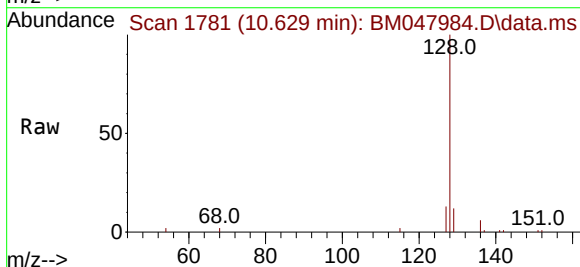
Instrument :
BNA_M
ClientSampleId :
EY052MS

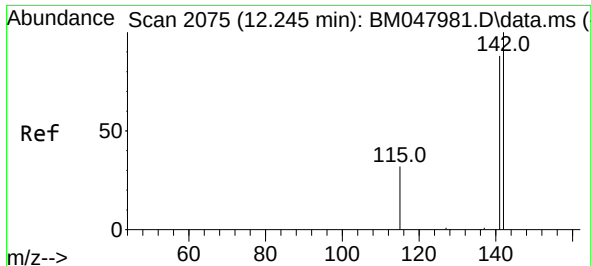
Tgt Ion: 88 Resp: 42431
Ion Ratio Lower Upper
88 100
43 32.7 30.9 46.3
58 72.5 42.5 63.7#



#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion: 128 Resp: 22774
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.2 10.4 15.6

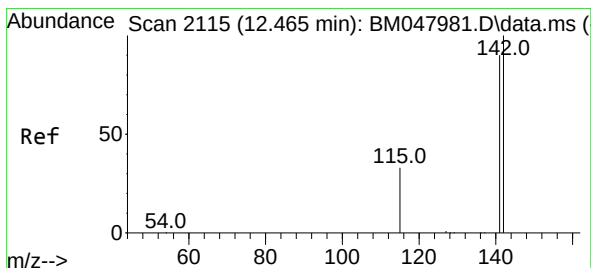
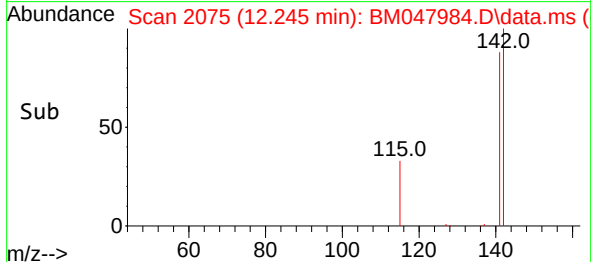
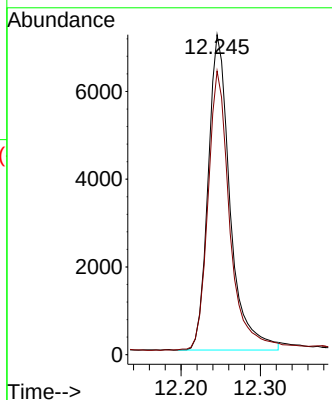
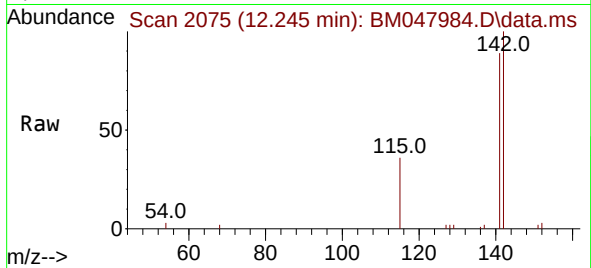




#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.245 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

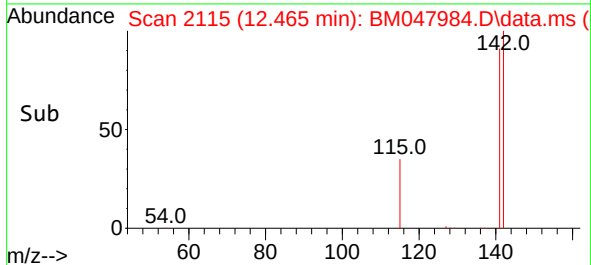
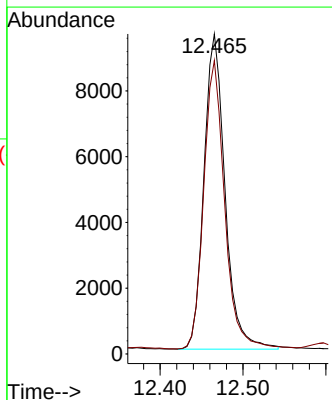
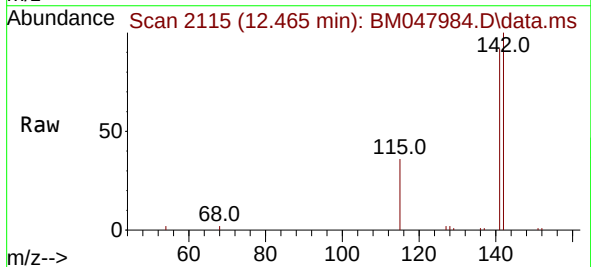
Instrument :
BNA_M
ClientSampleId :
EY052MS

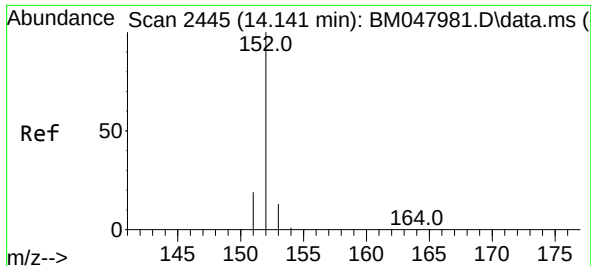
Tgt Ion:142 Resp: 13816
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.465 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:142 Resp: 16966
Ion Ratio Lower Upper
142 100
141 90.8 72.9 109.3

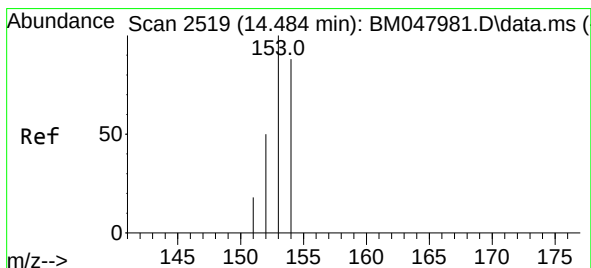
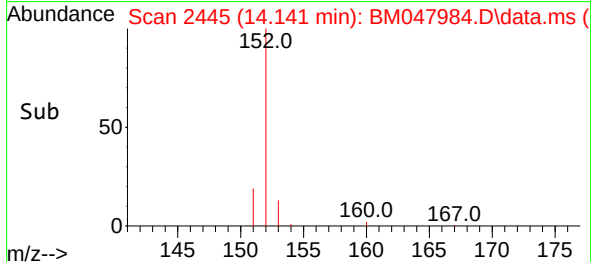
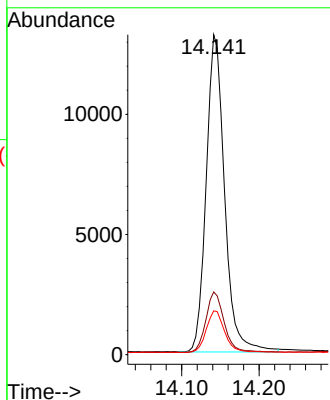
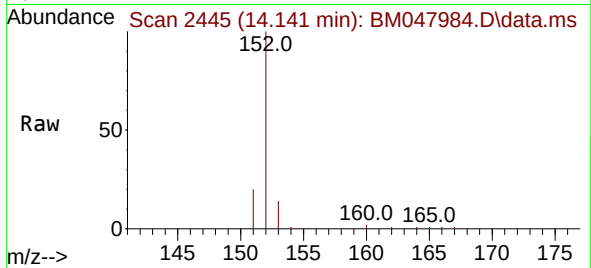




#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 14.141 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

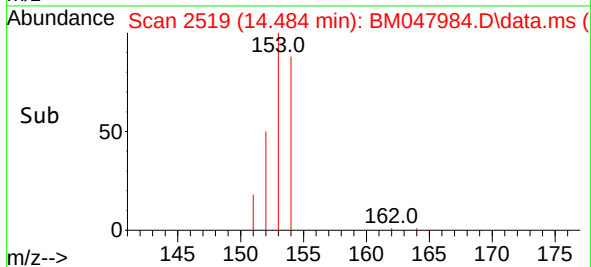
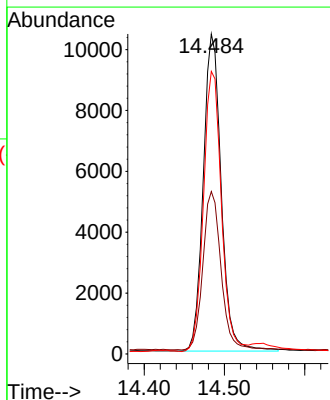
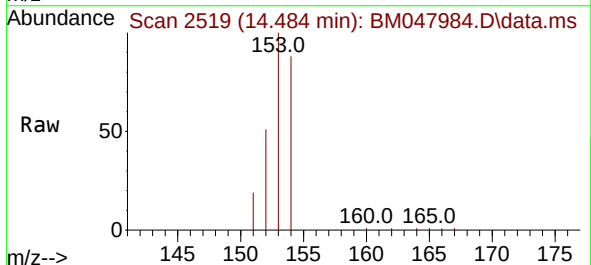
Instrument :
BNA_M
ClientSampleId :
EY052MS

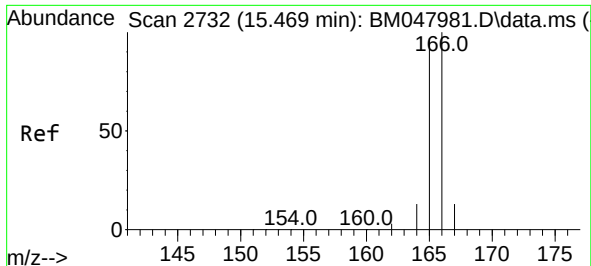
Tgt Ion:	152	Resp:	21763
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.7	10.7	16.1



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.484 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:	153	Resp:	16176
Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.7	62.5
154	88.3	71.2	106.8

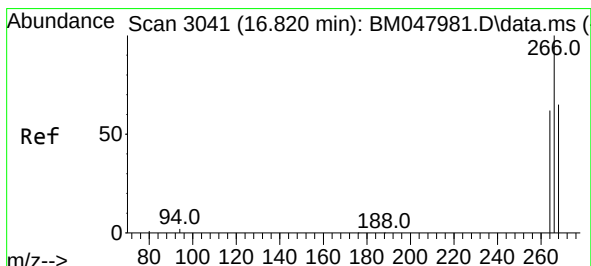
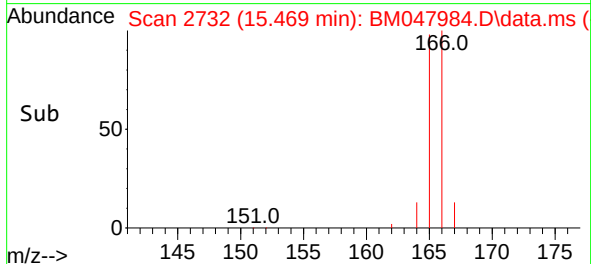
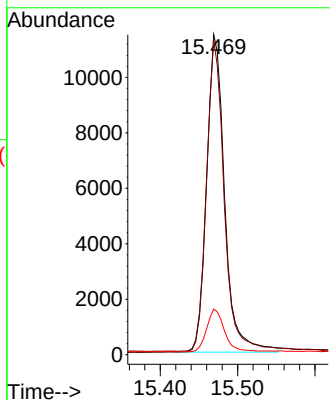
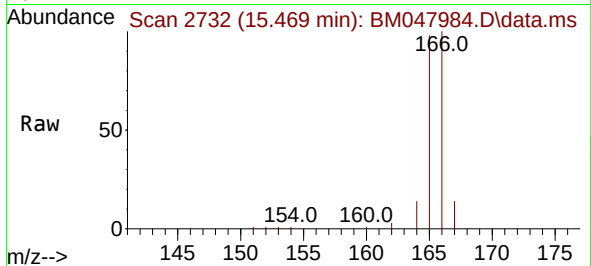




#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.469 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

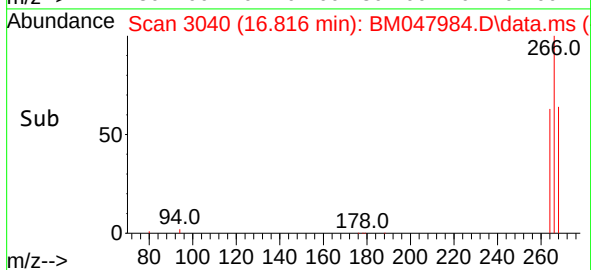
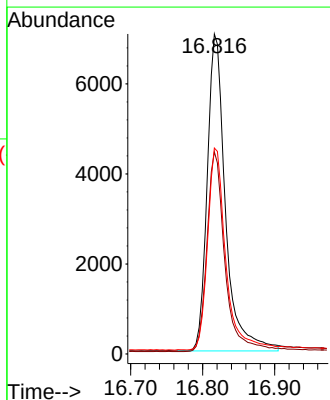
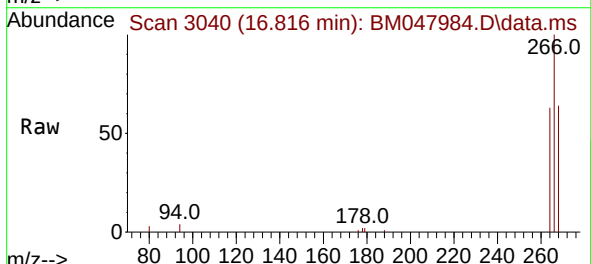
Instrument :
BNA_M
ClientSampleId :
EY052MS

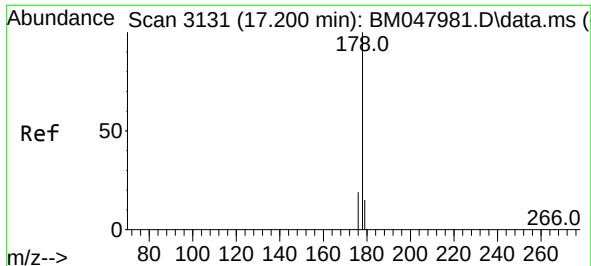
Tgt Ion:166 Resp: 18542
Ion Ratio Lower Upper
166 100
165 98.3 79.4 119.2
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 1.412 ng/ul
RT: 16.816 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:266 Resp: 12409
Ion Ratio Lower Upper
266 100
264 61.9 49.8 74.8
268 63.5 51.2 76.8

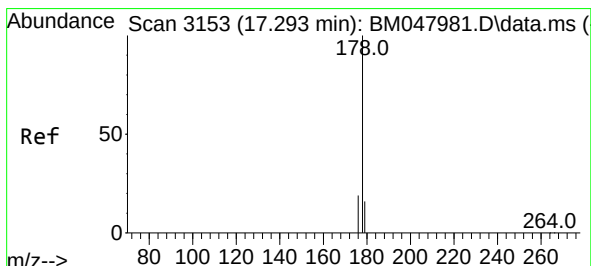
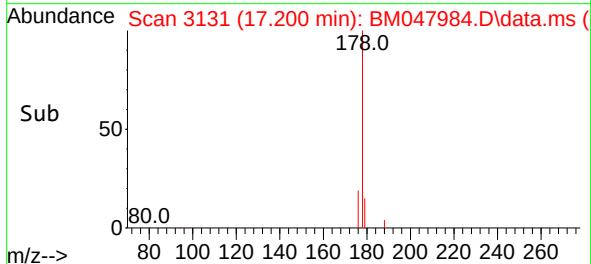
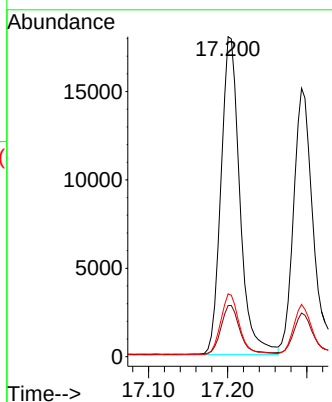
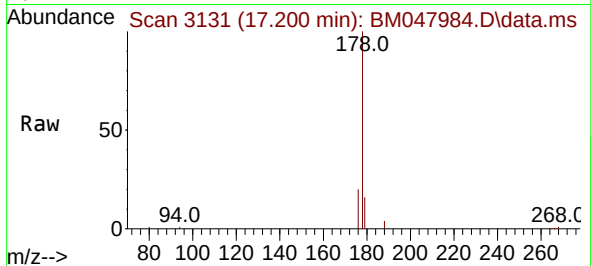




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.200 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

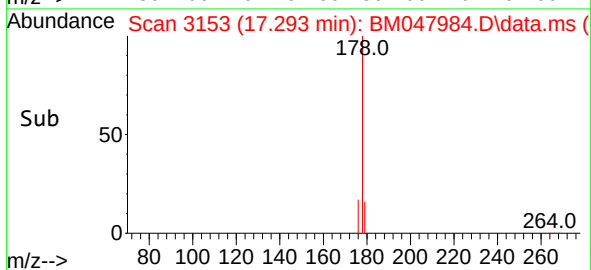
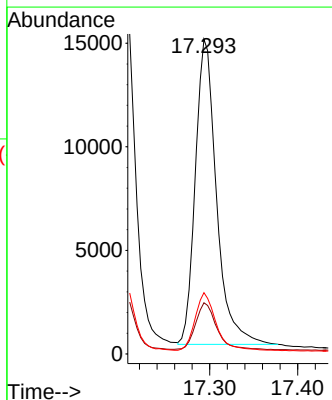
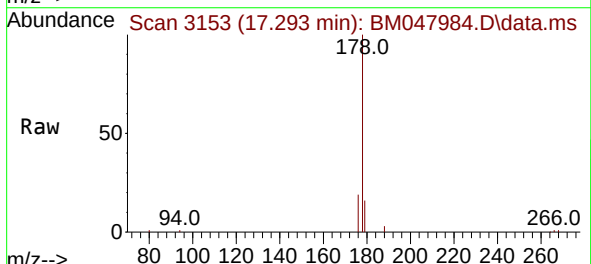
Instrument :
BNA_M
ClientSampleId :
EY052MS

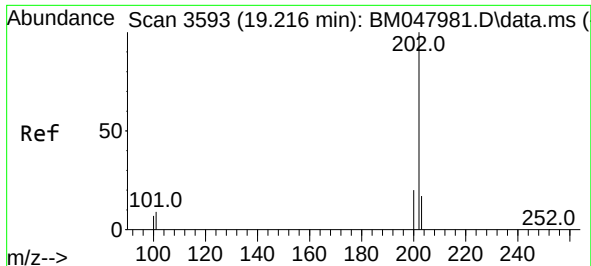
Tgt Ion:	178	Resp:	29851
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.7	15.9	23.9



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.293 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:	178	Resp:	24635
Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	19.5	15.4	23.2

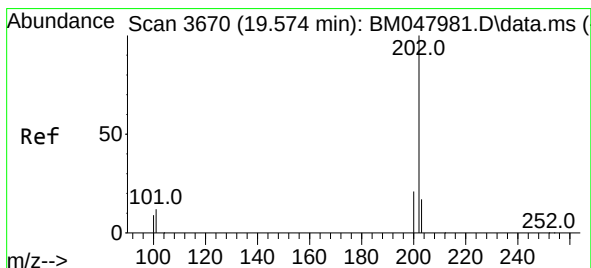
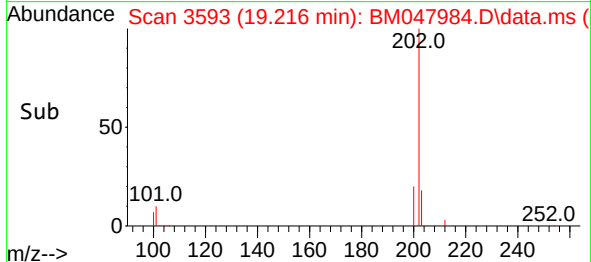
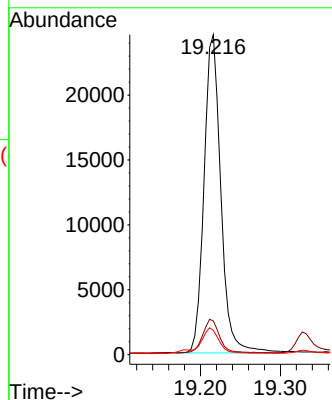
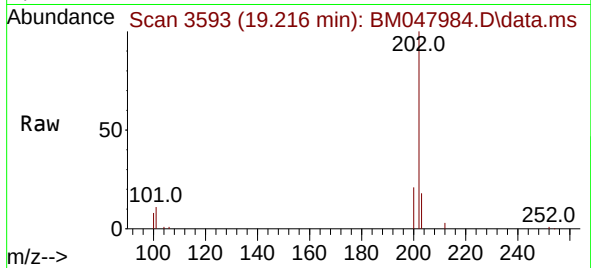




#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.216 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

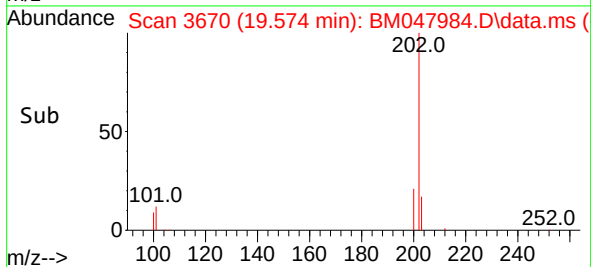
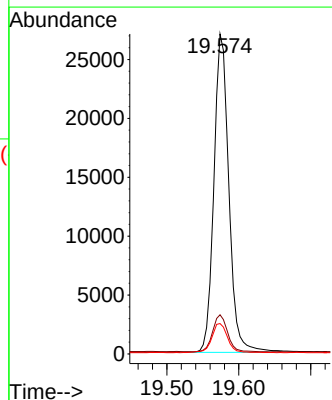
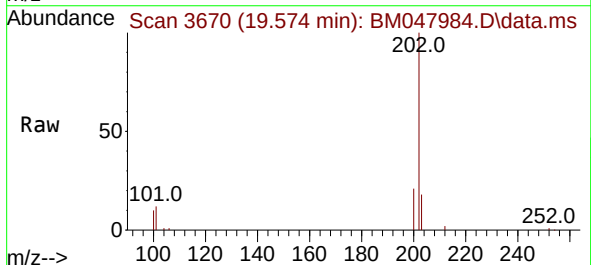
Instrument :
BNA_M
ClientSampleId :
EY052MS

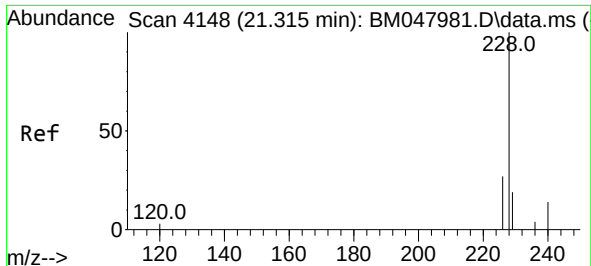
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.6
100	7.6	7.4	11.2



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.574 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.7	16.1
100	9.5	8.2	12.2

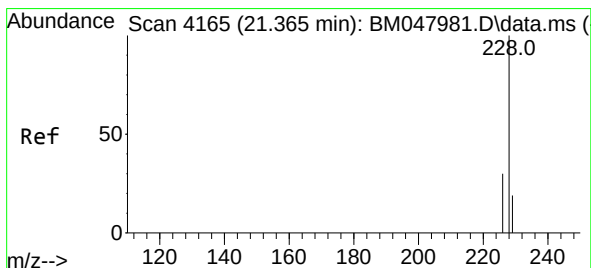
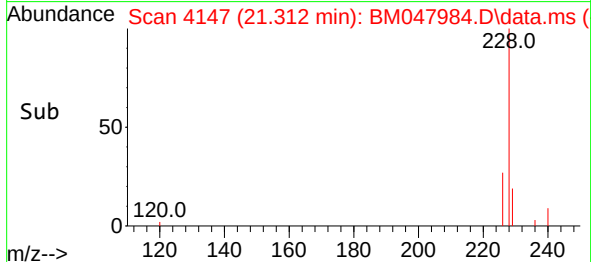
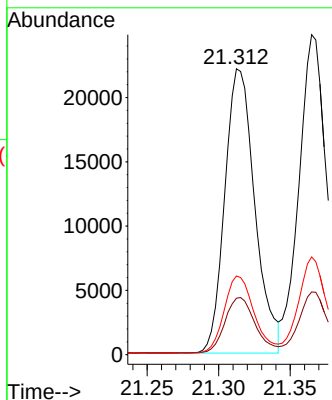
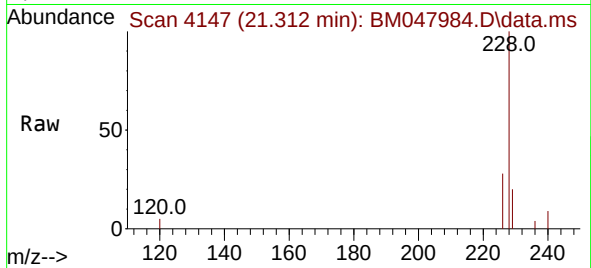




#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.312 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

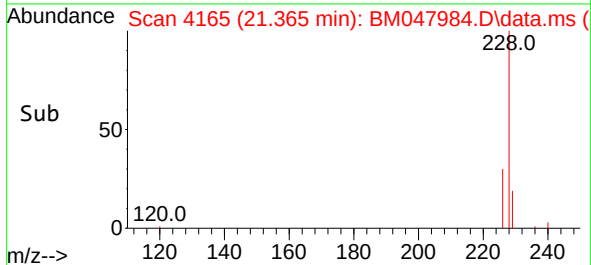
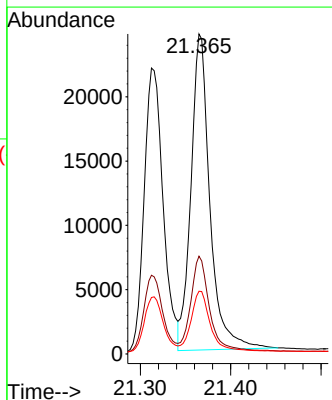
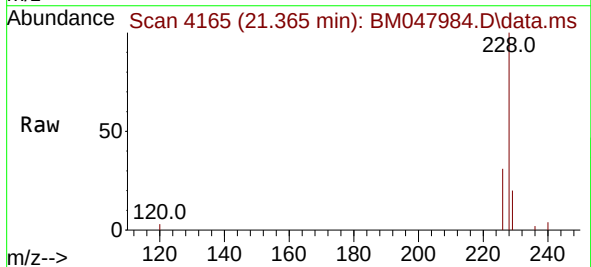
Instrument :
BNA_M
ClientSampleId :
EY052MS

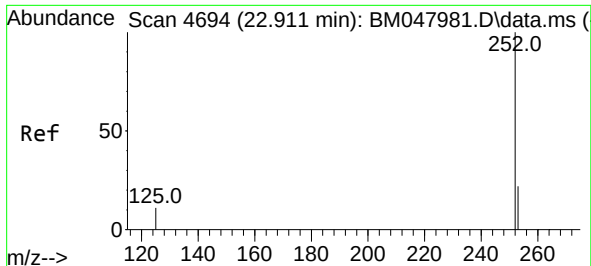
Tgt Ion:228 Resp: 32315
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.365 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:228 Resp: 35733
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.6 15.7 23.5

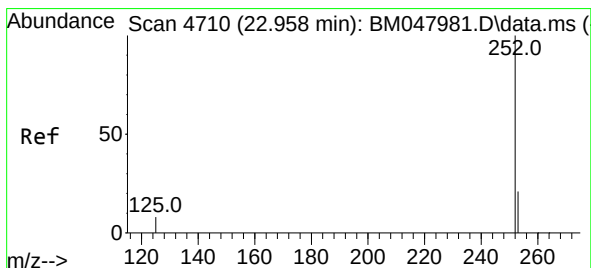
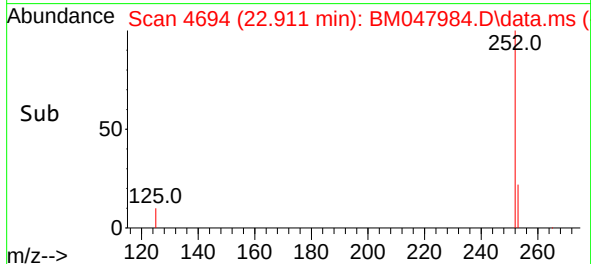
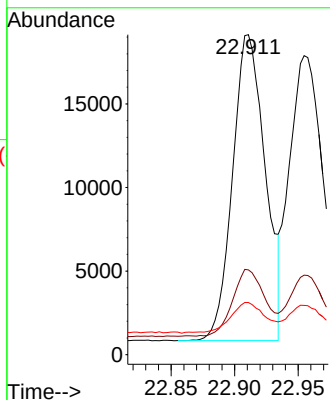
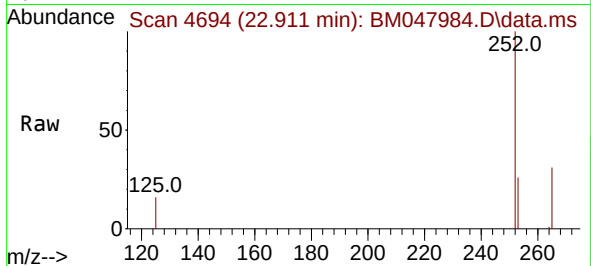




#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 22.911 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

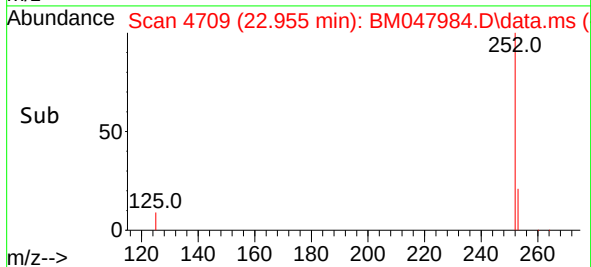
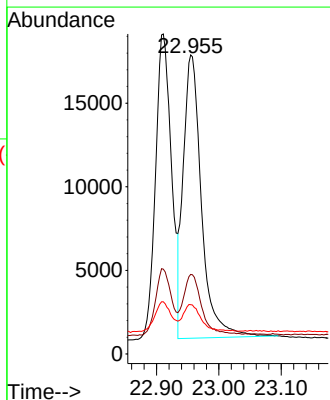
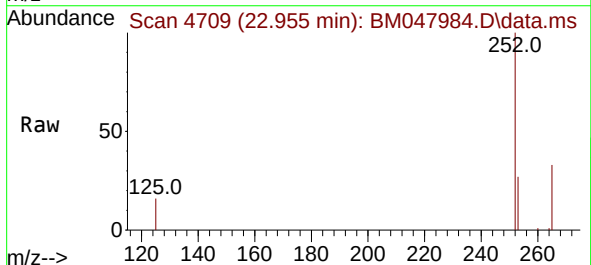
Instrument :
BNA_M
ClientSampleId :
EY052MS

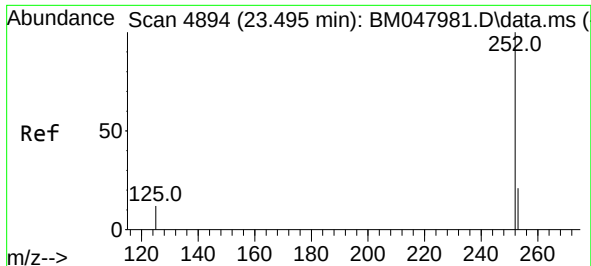
Tgt Ion:252 Resp: 32749
Ion Ratio Lower Upper
252 100
253 26.5 0.0 52.4
125 16.3 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. -0.003 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:252 Resp: 34366
Ion Ratio Lower Upper
252 100
253 26.6 21.0 31.6
125 16.5 14.6 21.8

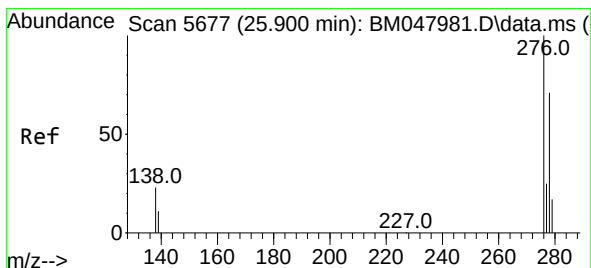
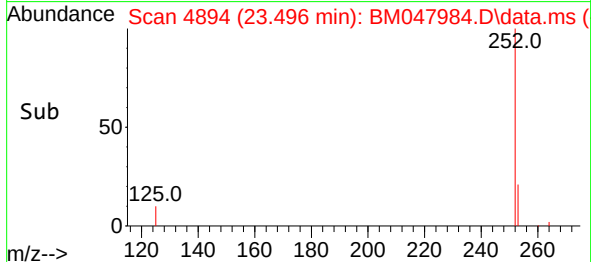
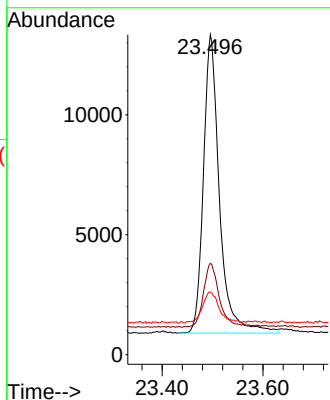
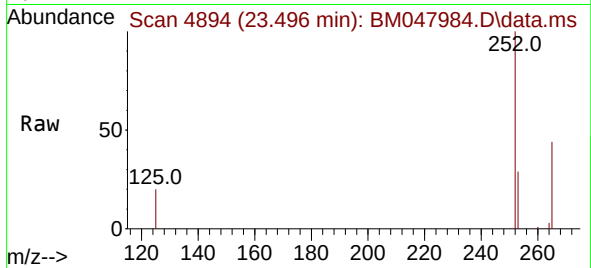




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.496 min Scan# 4894
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

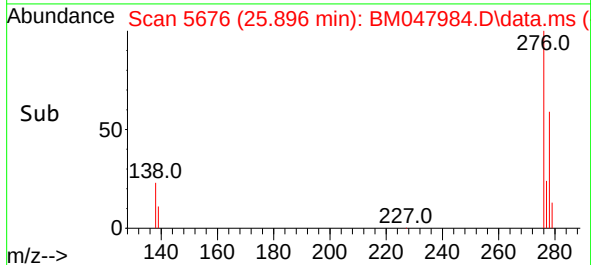
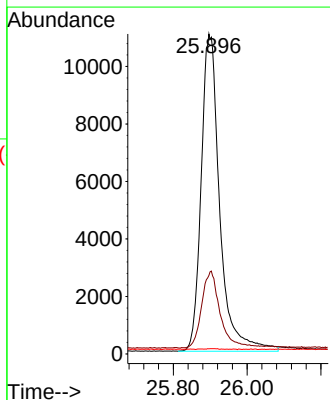
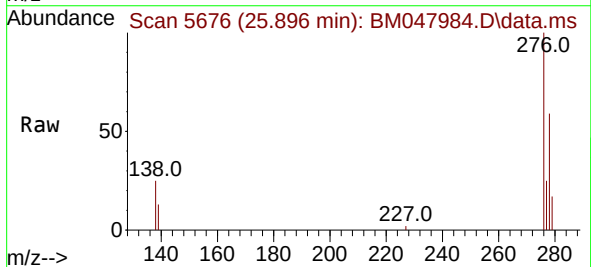
Instrument :
BNA_M
ClientSampleId :
EY052MS

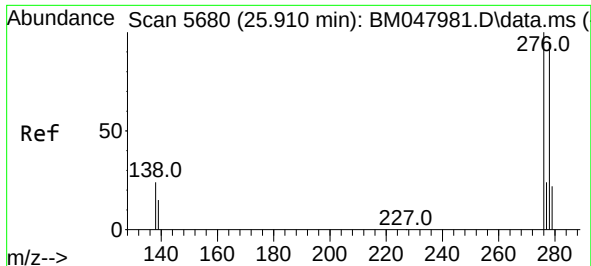
Tgt Ion:	252	Resp:	27385
Ion Ratio	Lower	Upper	
252	100		
253	28.6	23.0	34.4
125	19.6	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 25.896 min Scan# 5676
Delta R.T. -0.003 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:	276	Resp:	38525
Ion Ratio	Lower	Upper	
276	100		
138	24.2	22.0	33.0
227	0.1	0.2	0.4

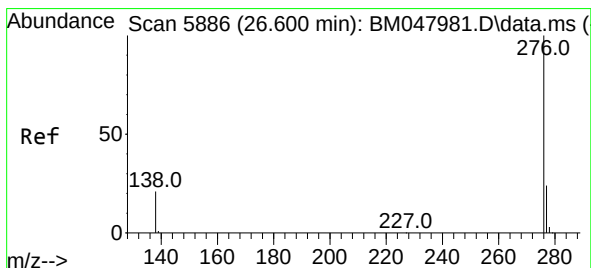
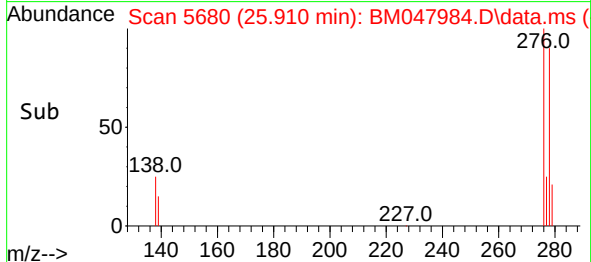
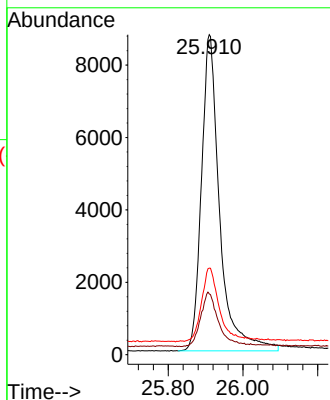
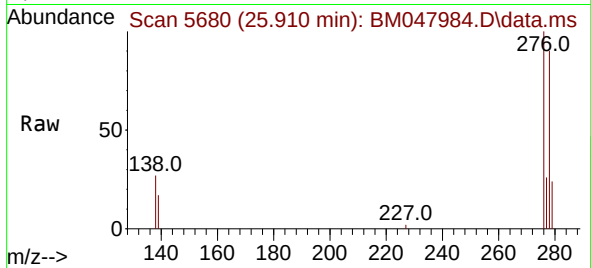




#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 25.910 min Scan# 5680
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :
EY052MS

Tgt Ion:278 Resp: 29539
Ion Ratio Lower Upper
278 100
139 19.0 16.8 25.2
279 27.1 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.597 min Scan# 5885
Delta R.T. -0.003 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:276 Resp: 31486
Ion Ratio Lower Upper
276 100
138 23.2 20.2 30.2
277 24.8 19.8 29.6

