

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030425\
 Data File : BM049690.D
 Acq On : 04 Mar 2025 11:16
 Operator : RC/JU
 Sample : SST0.8057
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8044

Quant Time: Mar 04 12:04:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM030425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 11:57:36 2025
 Response via : Initial Calibration

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

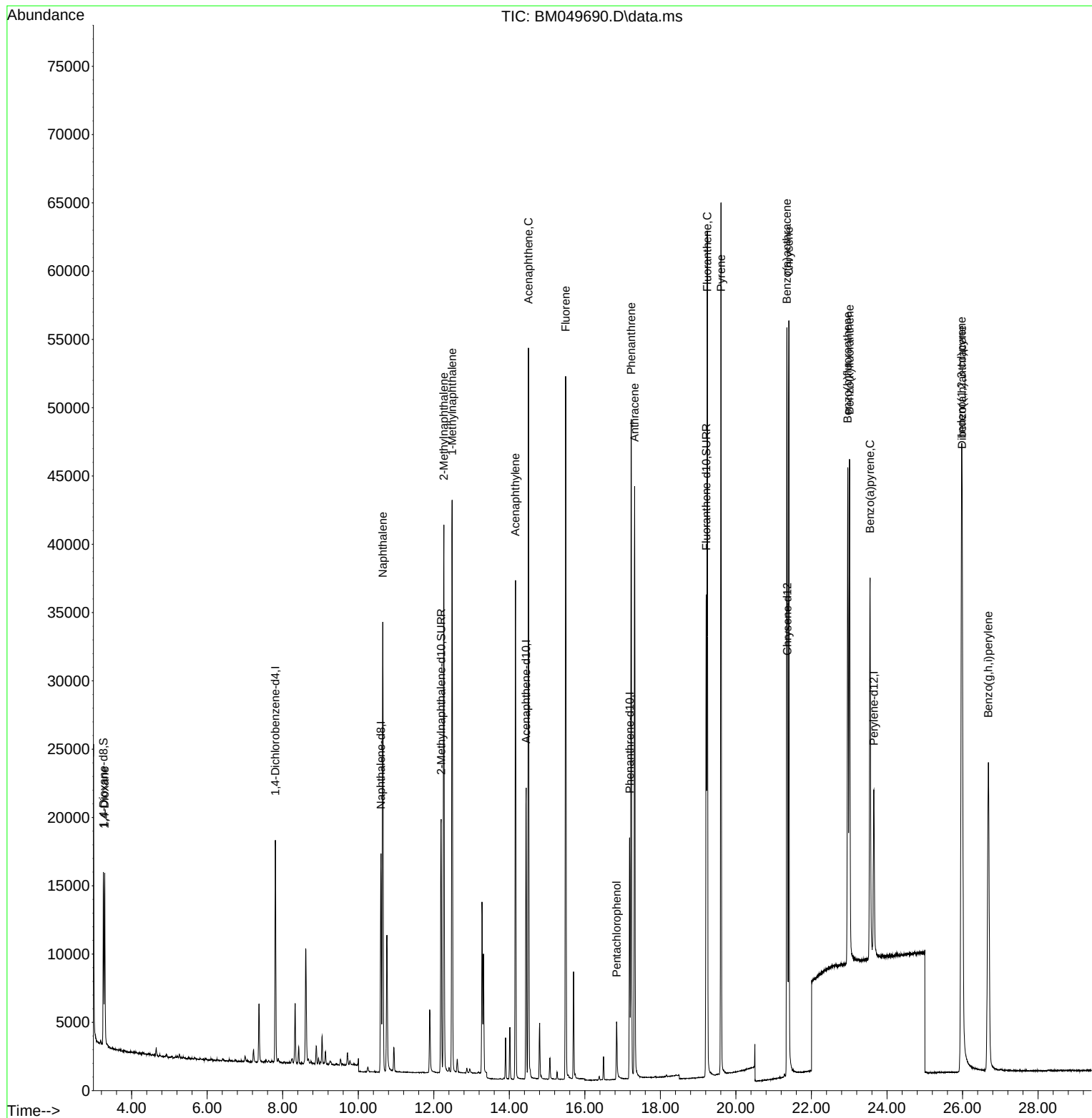
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	8063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	21354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	11686	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.186	188	21331	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	16127	0.400	ng/ul	0.00
23) Perylene-d12	23.651	264	17268	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7453	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	25006	0.848	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	41604	0.843	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.286	88	7909	0.815	ng/ul	89
5) Naphthalene	10.649	128	44100	0.830	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	28636	0.828	ng/ul	100
8) 1-Methylnaphthalene	12.486	142	29267	0.833	ng/ul	100
10) Acenaphthylene	14.163	152	40546	0.816	ng/ul	99
11) Acenaphthene	14.505	153	29590	0.818	ng/ul	98
12) Fluorene	15.491	166	33359	0.812	ng/ul	98
14) Pentachlorophenol	16.840	266	3501	0.812	ng/ul	99
15) Phenanthrene	17.229	178	50127	0.867	ng/ul	98
16) Anthracene	17.317	178	45867	0.867	ng/ul	100
19) Fluoranthene	19.242	202	53108	0.803	ng/ul	99
20) Pyrene	19.605	202	55437	0.807	ng/ul	99
21) Benzo(a)anthracene	21.348	228	45791	0.825	ng/ul	100
22) Chrysene	21.400	228	47854	0.812	ng/ul	99
24) Benzo(b)fluoranthene	22.961	252	47743	0.825	ng/ul	94
25) Benzo(k)fluoranthene	23.008	252	50990	0.794	ng/ul#	93
26) Benzo(a)pyrene	23.551	252	45365	0.862	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.974	276	64472	0.858	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.991	278	50216	0.873	ng/ul	96
29) Benzo(g,h,i)perylene	26.685	276	52311	0.872	ng/ul	98

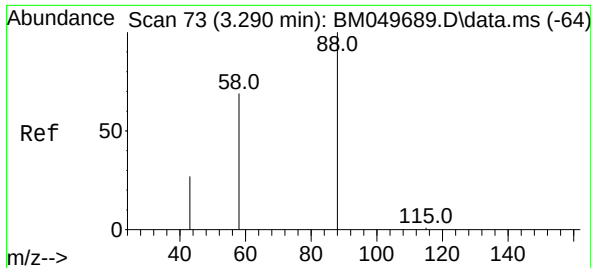
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

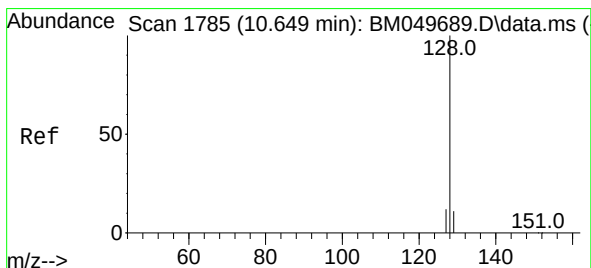
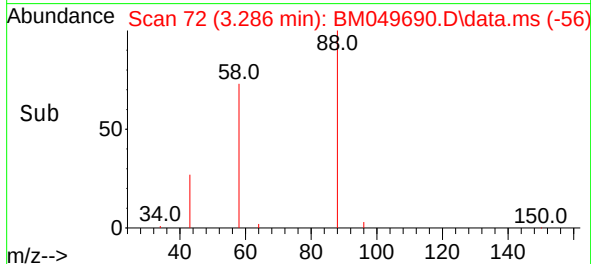
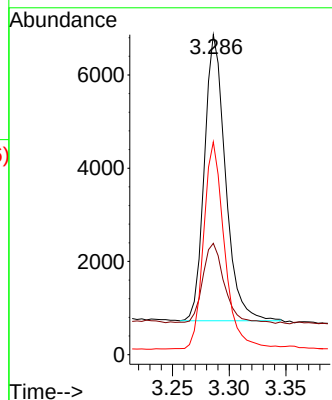
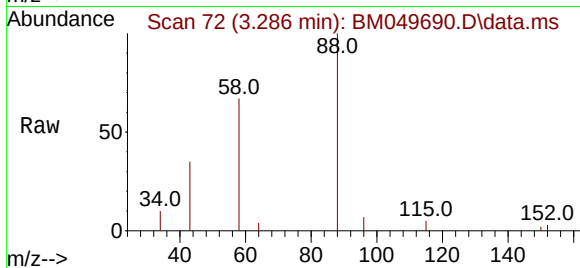




#2
1,4-Dioxane
Concen: 0.815 ng/ul
RT: 3.286 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

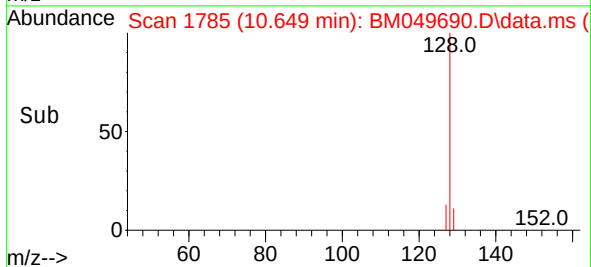
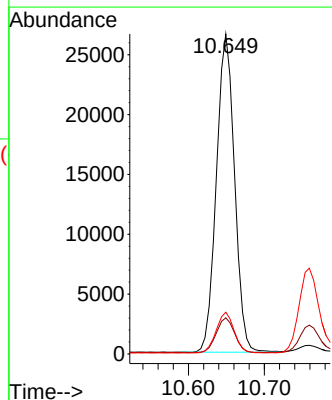
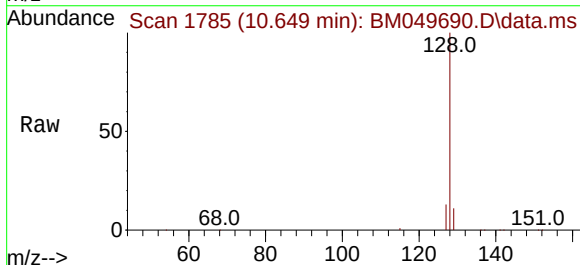
Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

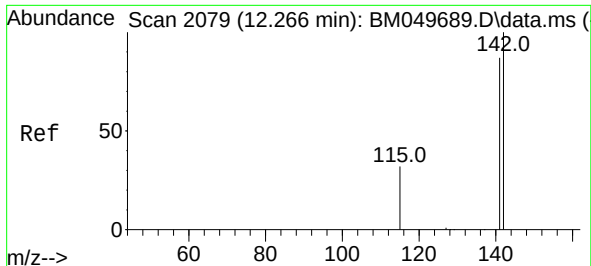
Tgt Ion: 88 Resp: 7909
Ion Ratio Lower Upper
88 100
43 34.8 32.6 49.0
58 66.5 45.9 68.9



#5
Naphthalene
Concen: 0.830 ng/ul
RT: 10.649 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

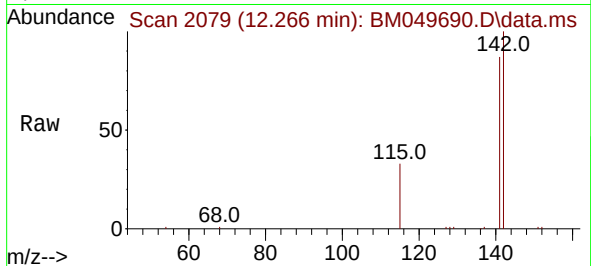
Tgt Ion: 128 Resp: 44100
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.2 15.4



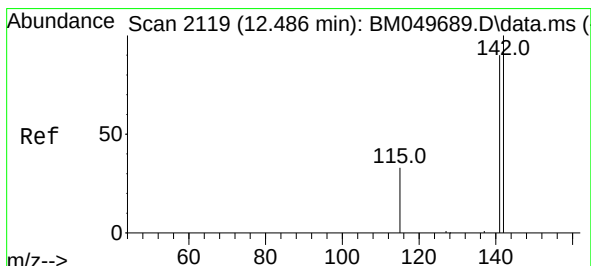
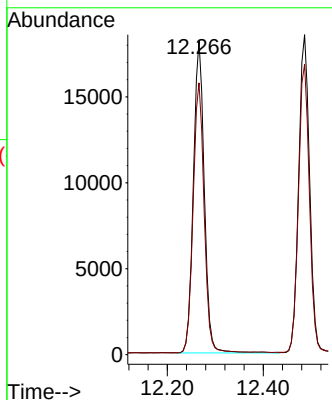
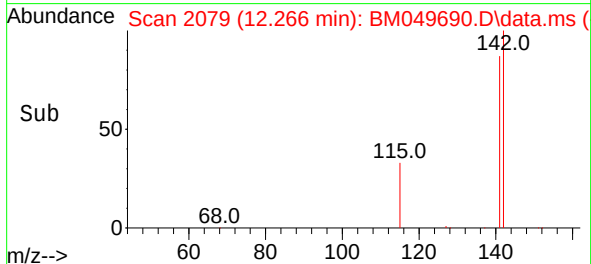


#7
2-Methylnaphthalene
Concen: 0.828 ng/ul
RT: 12.266 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

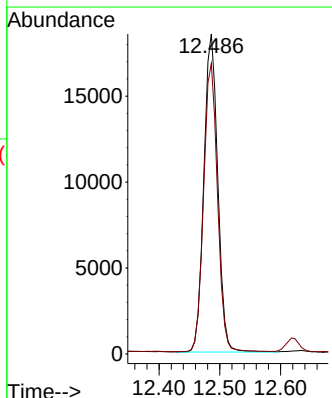
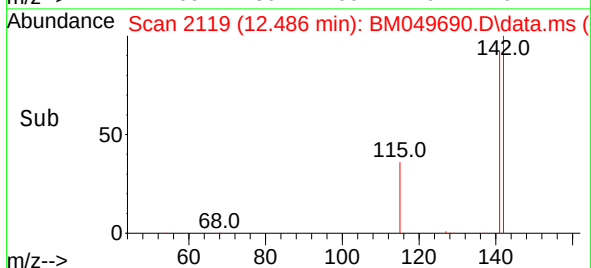
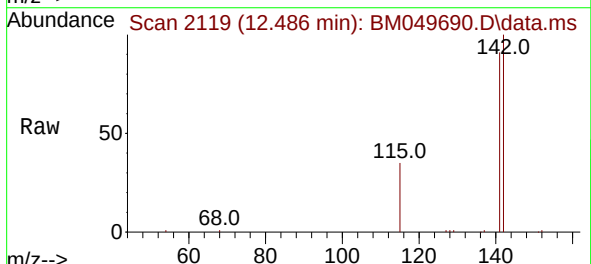


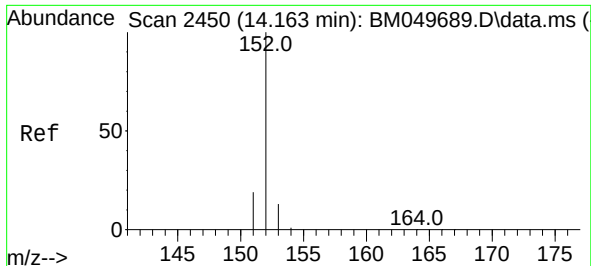
Tgt Ion:142 Resp: 28636
Ion Ratio Lower Upper
142 100
141 87.2 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.833 ng/ul
RT: 12.486 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Tgt Ion:142 Resp: 29267
Ion Ratio Lower Upper
142 100
141 90.6 72.4 108.6

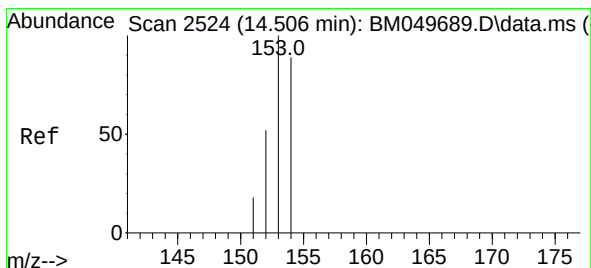
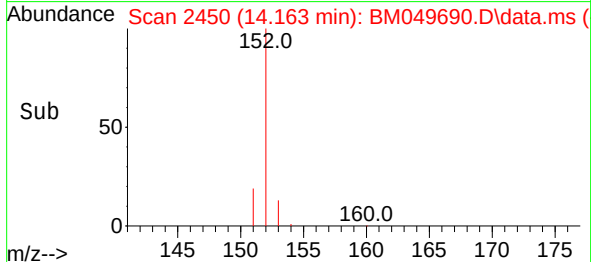
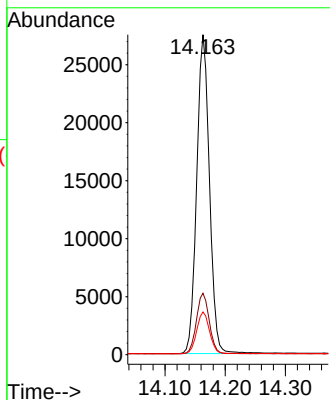
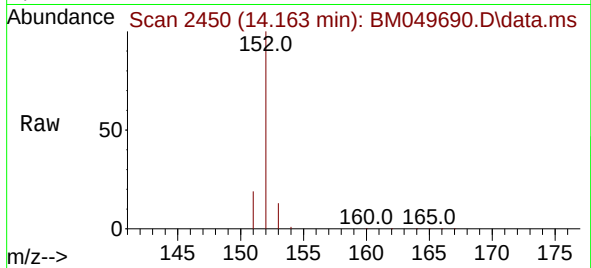




#10
Acenaphthylene
Concen: 0.816 ng/ul
RT: 14.163 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

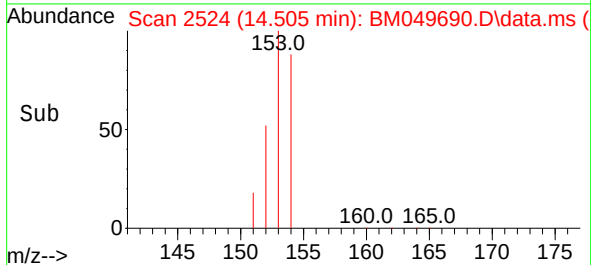
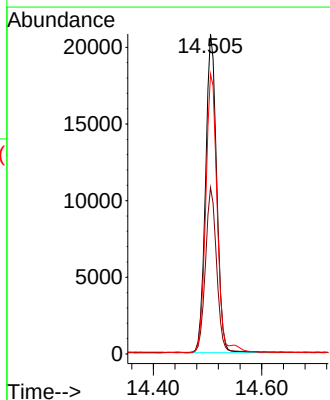
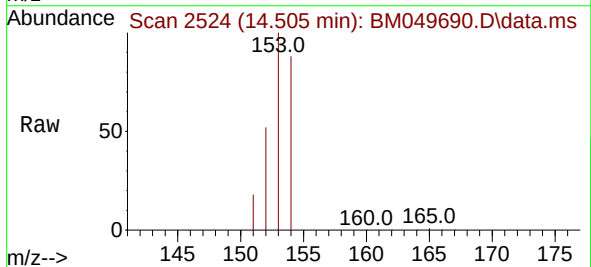
Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

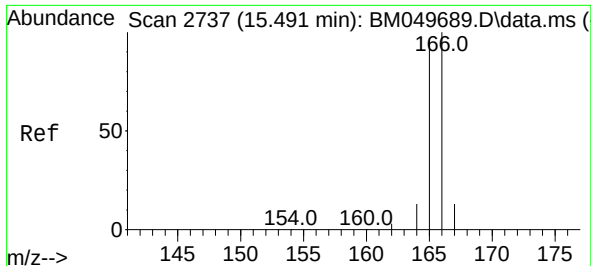
Tgt Ion:152 Resp: 40546
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.6
153 13.4 11.0 16.4



#11
Acenaphthene
Concen: 0.818 ng/ul
RT: 14.505 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Tgt Ion:153 Resp: 29590
Ion Ratio Lower Upper
153 100
152 52.0 42.0 63.0
154 87.5 71.6 107.4

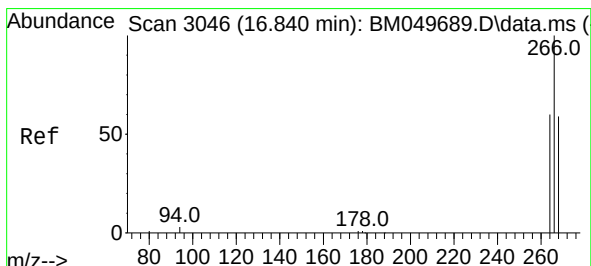
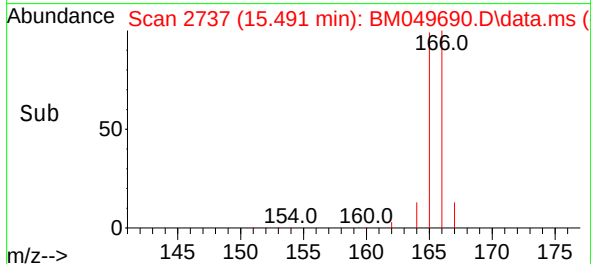
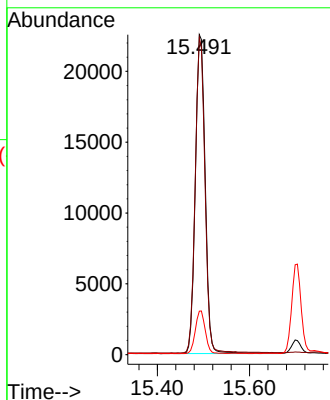
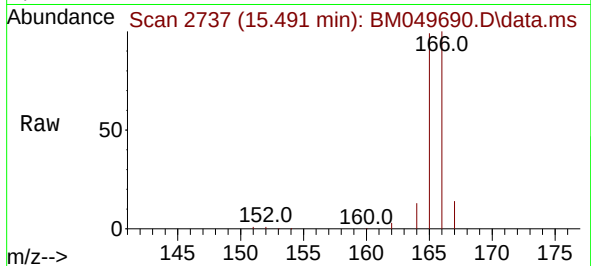




#12
Fluorene
Concen: 0.812 ng/ul
RT: 15.491 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

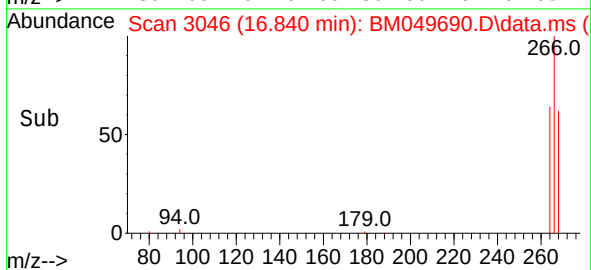
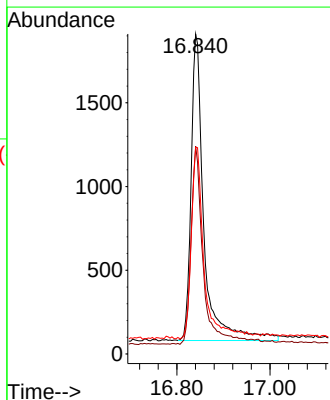
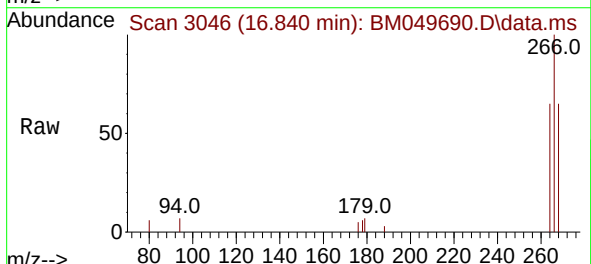
Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

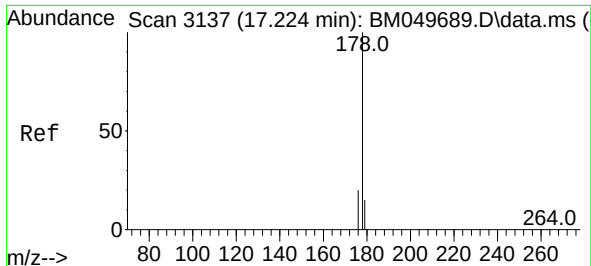
Tgt Ion:166 Resp: 33359
Ion Ratio Lower Upper
166 100
165 99.1 77.6 116.4
167 13.6 11.1 16.7



#14
Pentachlorophenol
Concen: 0.812 ng/ul
RT: 16.840 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Tgt Ion:266 Resp: 3501
Ion Ratio Lower Upper
266 100
264 61.6 50.2 75.4
268 63.3 49.9 74.9

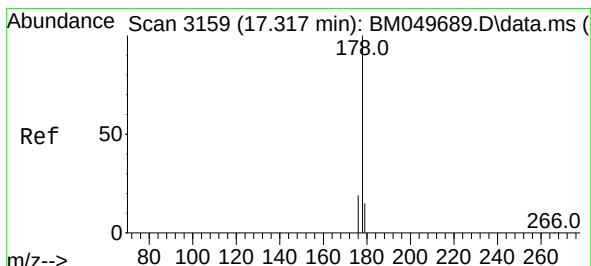
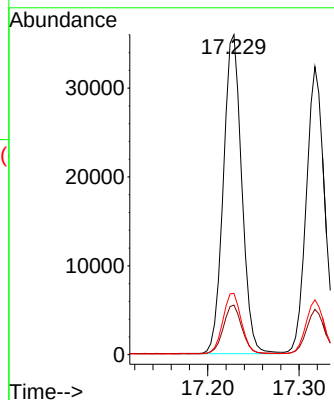
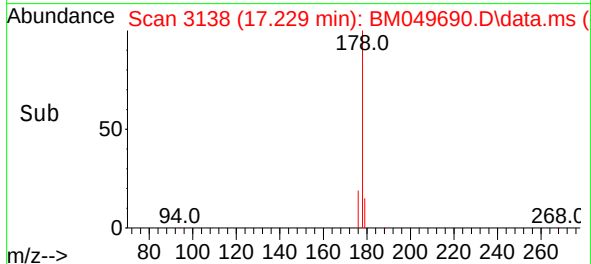
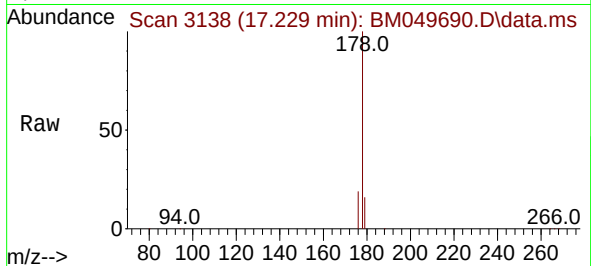




#15
Phenanthrene
Concen: 0.867 ng/ul
RT: 17.229 min Scan# 3138
Delta R.T. 0.004 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

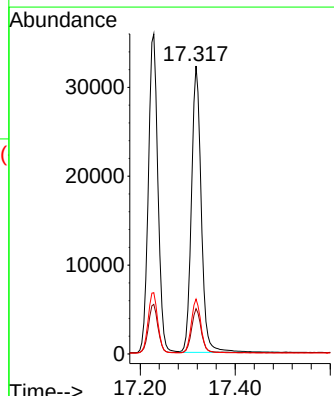
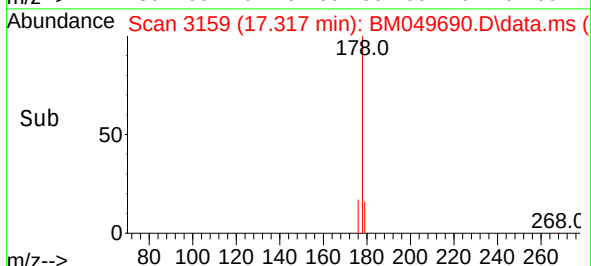
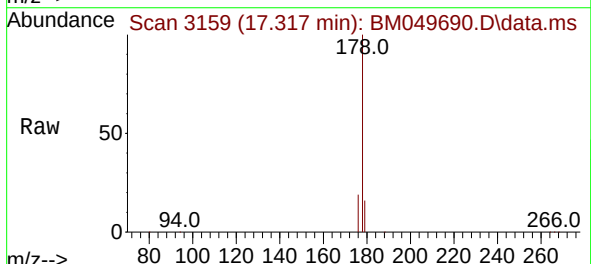
Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

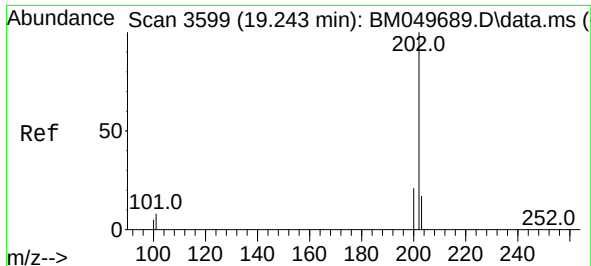
Tgt Ion:178 Resp: 50127
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.2 16.2 24.2



#16
Anthracene
Concen: 0.867 ng/ul
RT: 17.317 min Scan# 3159
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Tgt Ion:178 Resp: 45867
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.1 15.5 23.3





#19

Fluoranthene

Concen: 0.803 ng/ul

RT: 19.242 min Scan# 3599

Delta R.T. -0.000 min

Lab File: BM049690.D

Acq: 04 Mar 2025 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.8044

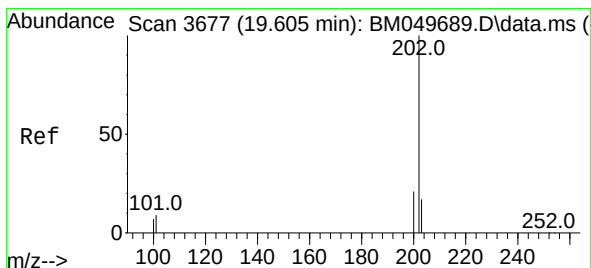
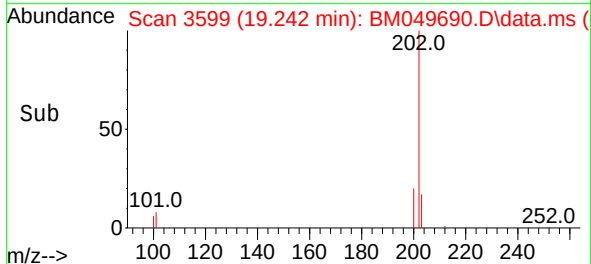
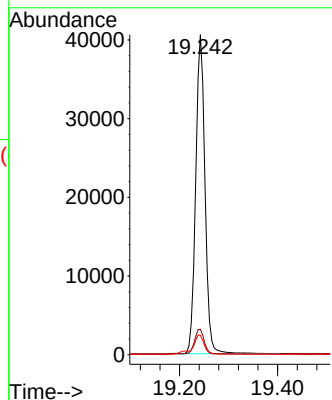
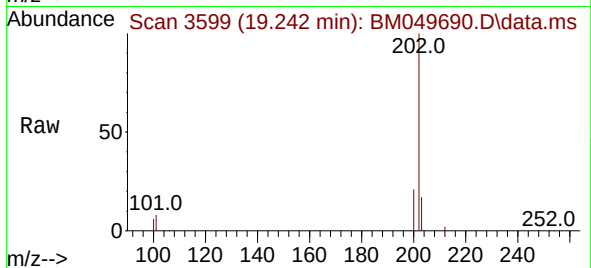
Tgt Ion:202 Resp: 53108

Ion Ratio Lower Upper

202 100

101 8.0 6.6 10.0

100 6.0 5.0 7.4



#20

Pyrene

Concen: 0.807 ng/ul

RT: 19.605 min Scan# 3677

Delta R.T. -0.000 min

Lab File: BM049690.D

Acq: 04 Mar 2025 11:16

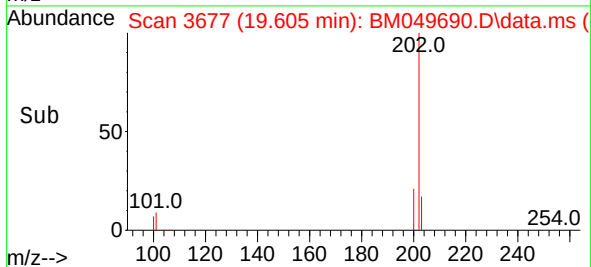
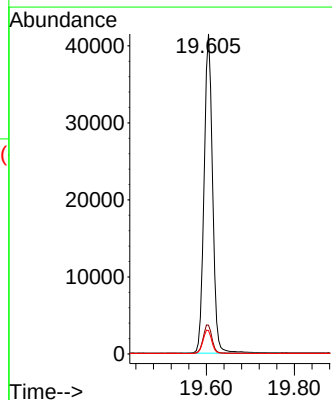
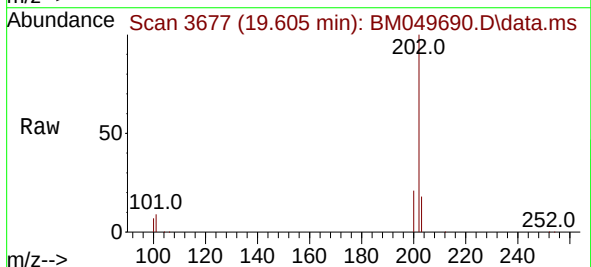
Tgt Ion:202 Resp: 55437

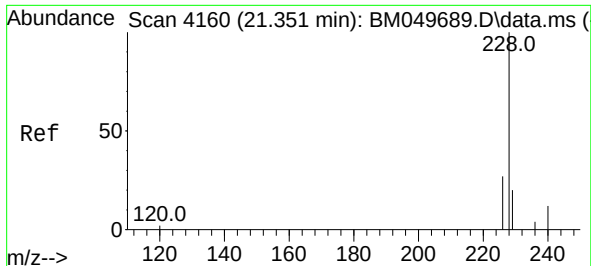
Ion Ratio Lower Upper

202 100

101 9.0 7.4 11.2

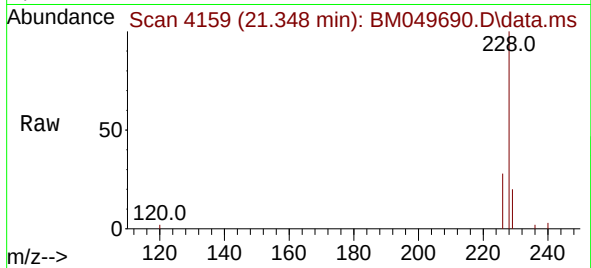
100 7.3 6.0 9.0



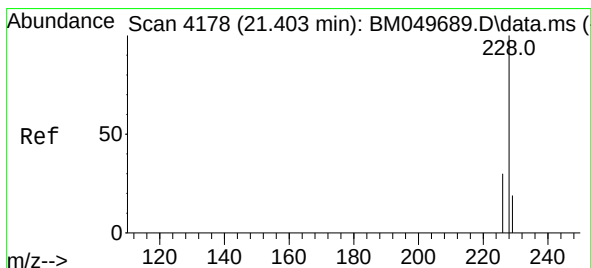
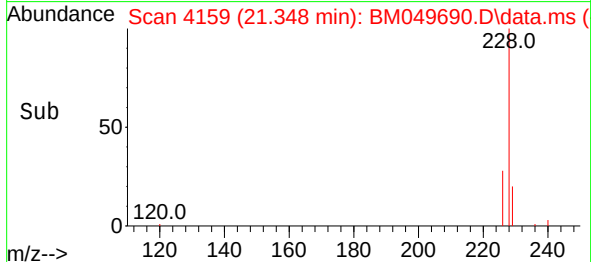
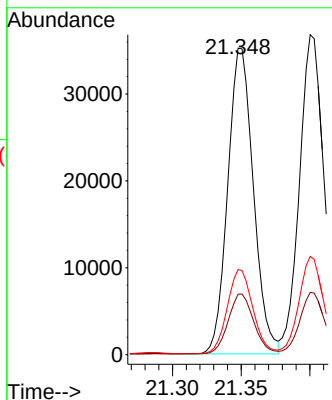


#21
Benzo(a)anthracene
Concen: 0.825 ng/ul
RT: 21.348 min Scan# 4159
Delta R.T. -0.003 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

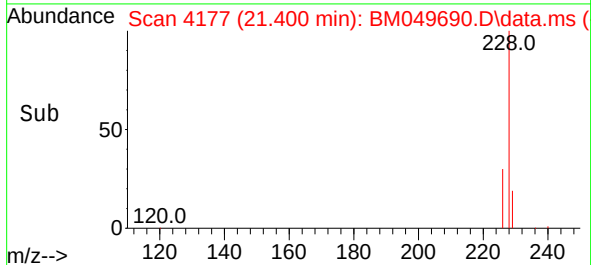
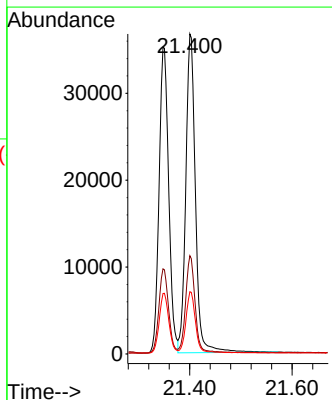
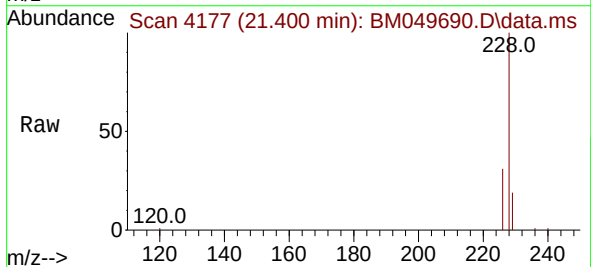


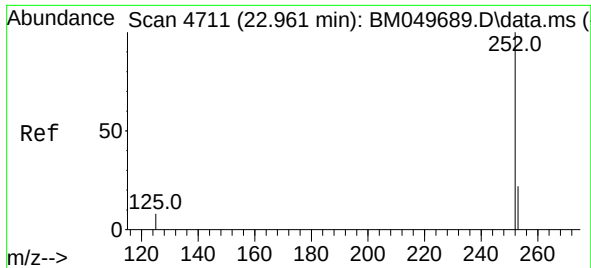
Tgt Ion:228 Resp: 45791
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.812 ng/ul
RT: 21.400 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

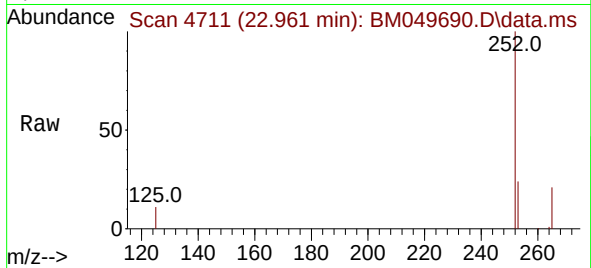
Tgt Ion:228 Resp: 47854
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 19.5 16.0 24.0



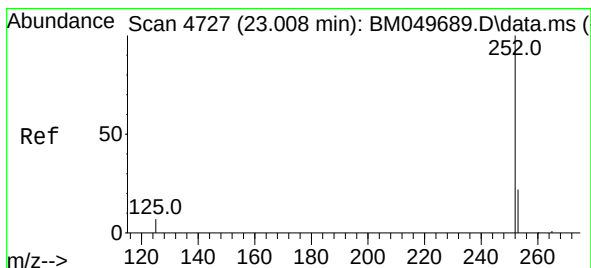
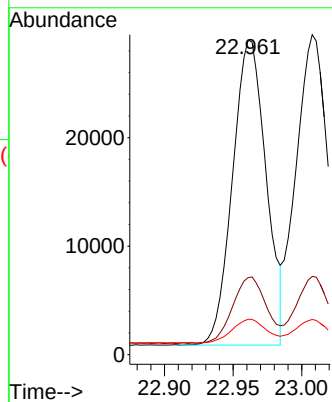


#24
Benzo(b)fluoranthene
Concen: 0.825 ng/ul
RT: 22.961 min Scan# 4711
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

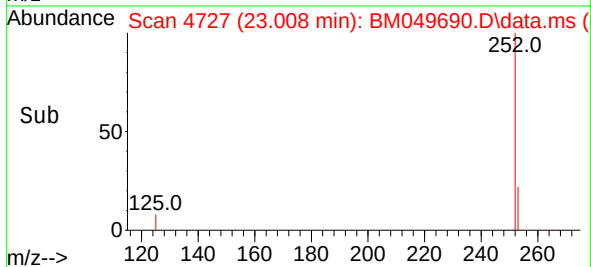
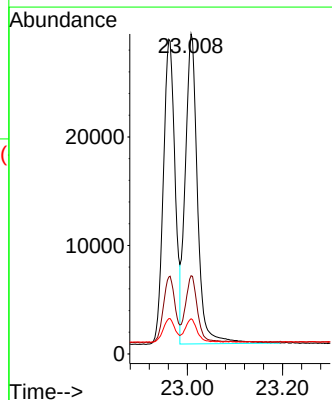
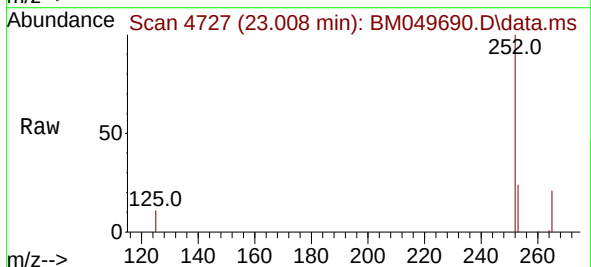


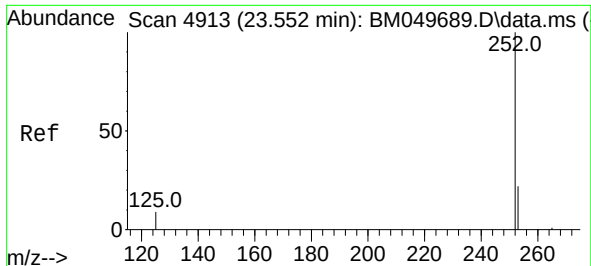
Tgt Ion:252 Resp: 47743
Ion Ratio Lower Upper
252 100
253 24.5 0.0 54.4
125 11.2 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.794 ng/ul
RT: 23.008 min Scan# 4727
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

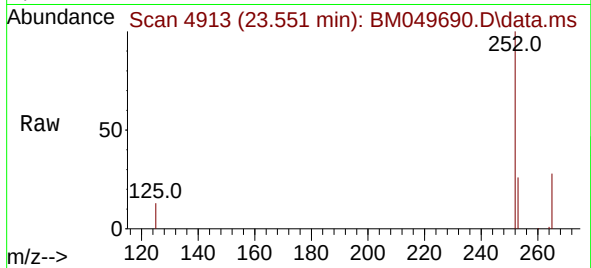
Tgt Ion:252 Resp: 50990
Ion Ratio Lower Upper
252 100
253 24.4 22.2 33.2
125 11.0 11.7 17.5#



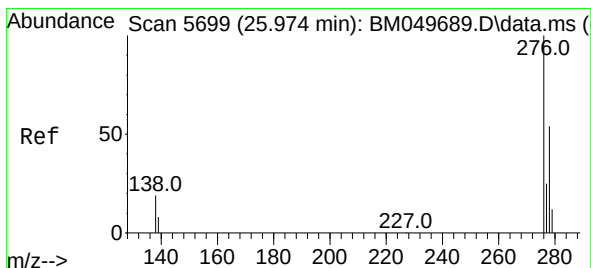
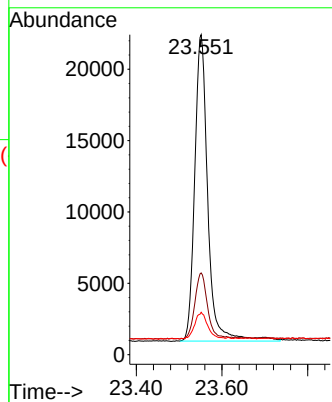
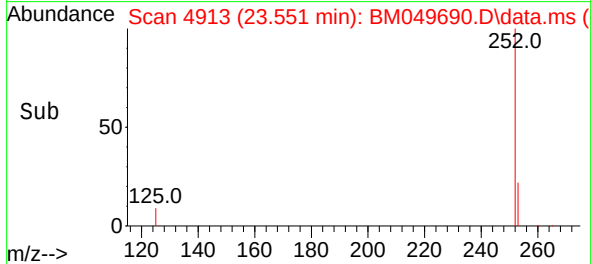


#26
Benzo(a)pyrene
Concen: 0.862 ng/ul
RT: 23.551 min Scan# 4913
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

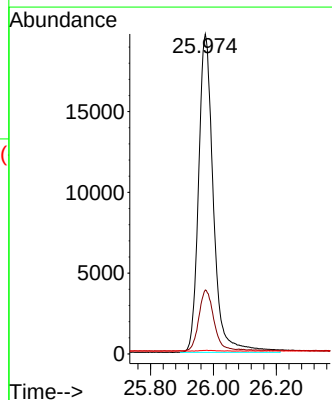
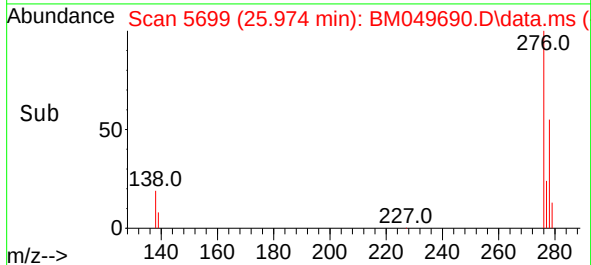
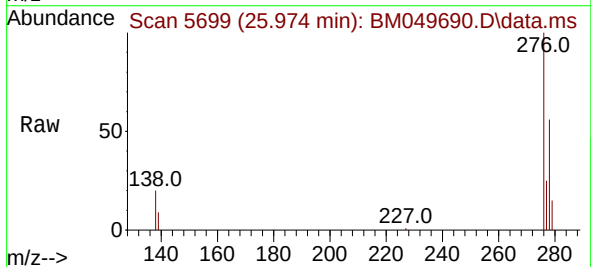


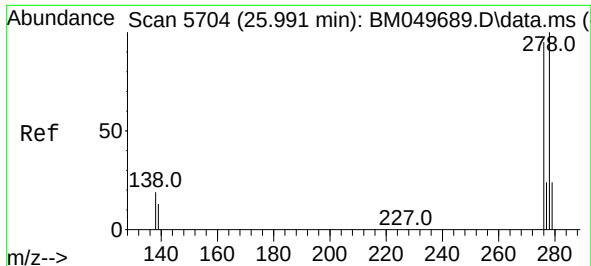
Tgt Ion:252 Resp: 45365
Ion Ratio Lower Upper
252 100
253 25.6 23.7 35.5
125 13.2 15.0 22.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.858 ng/ul
RT: 25.974 min Scan# 5699
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Tgt Ion:276 Resp: 64472
Ion Ratio Lower Upper
276 100
138 19.9 16.2 24.4
227 0.2 0.1 0.1#

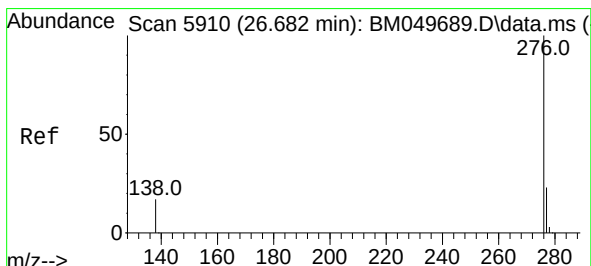
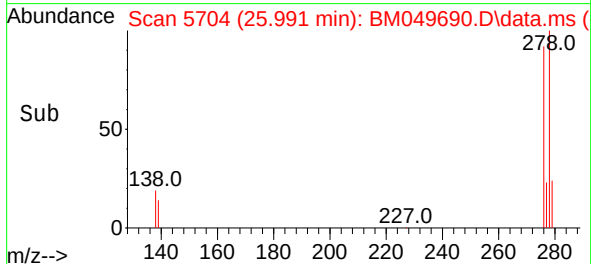
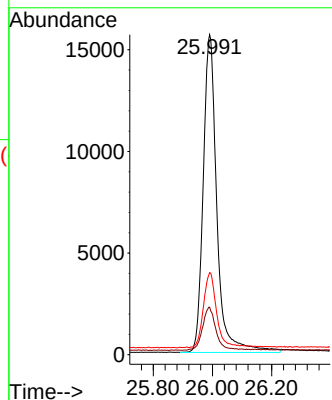
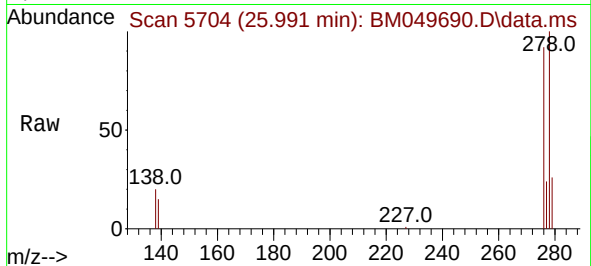




#28
Dibenzo(a,h)anthracene
Concen: 0.873 ng/ul
RT: 25.991 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

Tgt Ion:278 Resp: 50216
Ion Ratio Lower Upper
278 100
139 14.8 13.0 19.4
279 25.6 22.6 33.8



#29
Benzo(g,h,i)perylene
Concen: 0.872 ng/ul
RT: 26.685 min Scan# 5911
Delta R.T. 0.003 min
Lab File: BM049690.D
Acq: 04 Mar 2025 11:16

Tgt Ion:276 Resp: 52311
Ion Ratio Lower Upper
276 100
138 17.8 15.2 22.8
277 24.2 20.3 30.5

