

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049249.D
 Acq On : 27 Dec 2024 11:05
 Operator : RC/JU
 Sample : P5324-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YE5X6MS

Quant Time: Dec 27 22:11:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

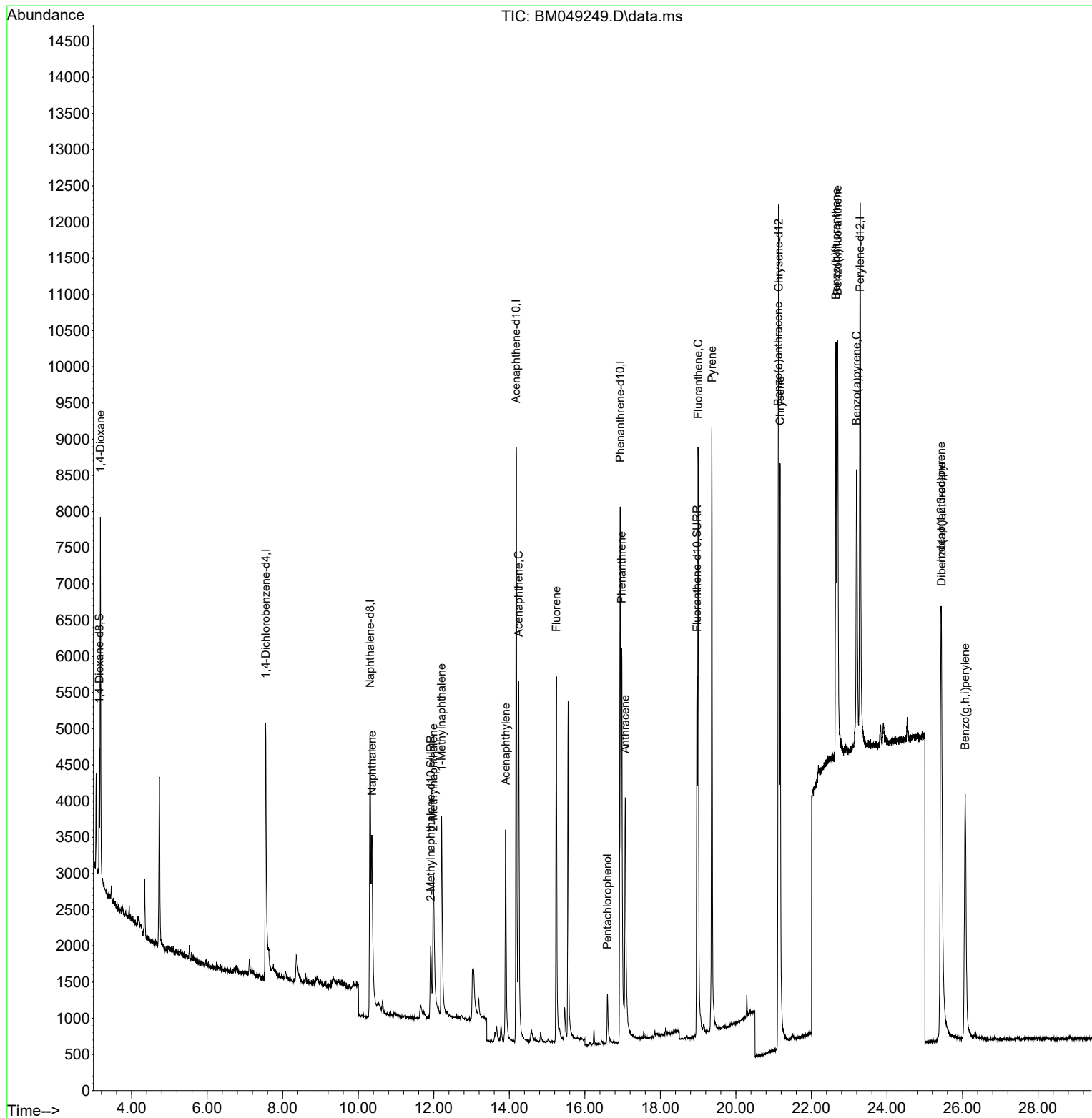
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	2873	0.400	ng/ul	0.00
4) Naphthalene-d8	10.314	136	8726	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.181	164	5609	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	11862	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	9905	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	10730	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	1030	0.311	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.919	152	2600	0.222	ng/ul	0.01
18) Fluoranthene-d10	18.968	212	7110	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	3054	0.789	ng/ul#	86
5) Naphthalene	10.363	128	4275	0.196	ng/ul#	94
7) 2-Methylnaphthalene	11.991	142	2702	0.195	ng/ul	99
8) 1-Methylnaphthalene	12.205	142	2818	0.199	ng/ul	99
10) Acenaphthylene	13.904	152	4478	0.193	ng/ul	97
11) Acenaphthene	14.246	153	3437	0.203	ng/ul	98
12) Fluorene	15.246	166	4055	0.212	ng/ul	97
14) Pentachlorophenol	16.599	266	679	0.207	ng/ul	92
15) Phenanthrene	16.975	178	6821	0.220	ng/ul	98
16) Anthracene	17.068	178	5891	0.207	ng/ul	95
19) Fluoranthene	19.001	202	8365	0.234	ng/ul	99
20) Pyrene	19.363	202	8682	0.227	ng/ul	98
21) Benzo(a)anthracene	21.120	228	6656	0.193	ng/ul	100
22) Chrysene	21.172	228	8357	0.226	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	7703	0.225	ng/ul	90
25) Benzo(k)fluoranthene	22.692	252	8787	0.234	ng/ul#	91
26) Benzo(a)pyrene	23.195	252	7195	0.219	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.430	276	9619	0.207	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.444	278	7437	0.206	ng/ul	93
29) Benzo(g,h,i)perylene	26.071	276	8083	0.216	ng/ul	97

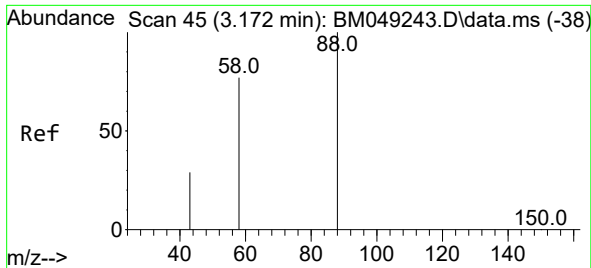
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 22:11:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

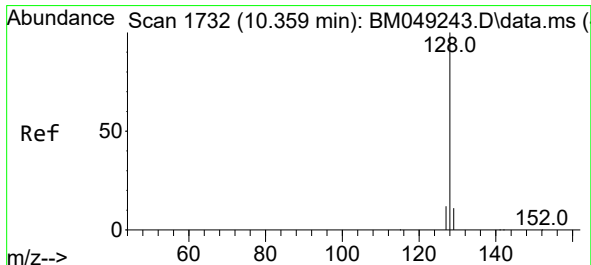
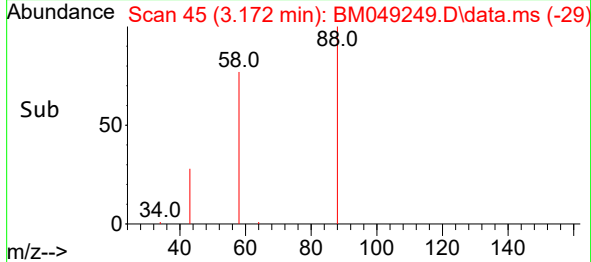
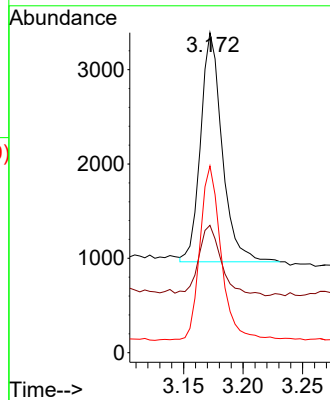
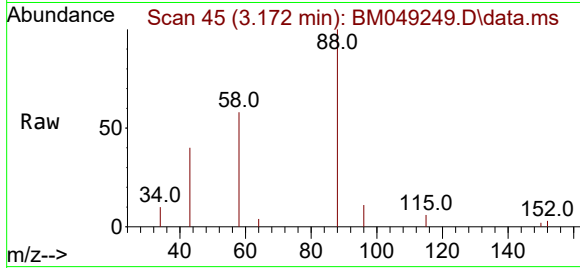




#2
1,4-Dioxane
Concen: 0.789 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

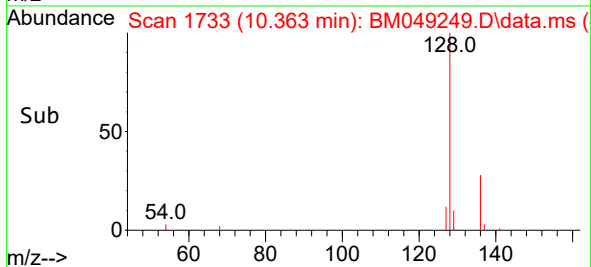
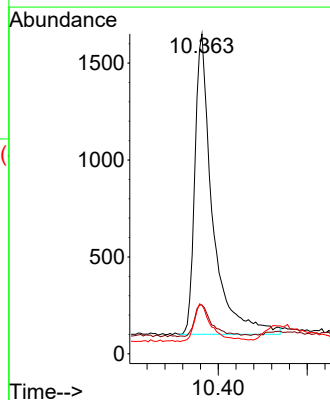
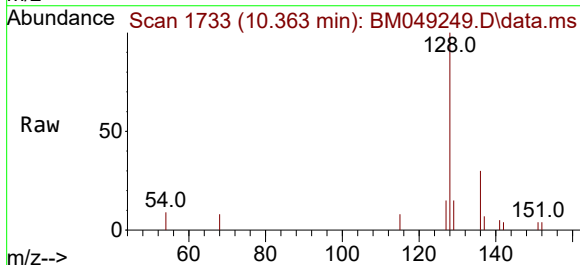
Instrument :
BNA_M
ClientSampleId :
YE5X6MS

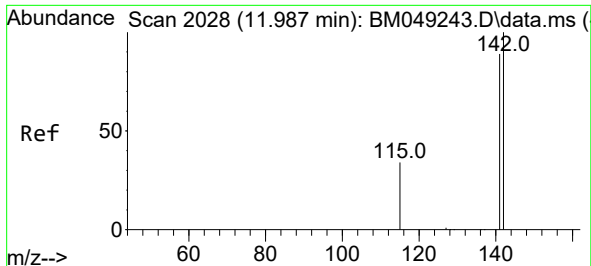
Tgt Ion: 88 Resp: 3054
Ion Ratio Lower Upper
88 100
43 39.8 45.4 68.2#
58 58.3 43.6 65.4



#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.363 min Scan# 1733
Delta R.T. 0.005 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Tgt Ion: 128 Resp: 4275
Ion Ratio Lower Upper
128 100
129 15.2 9.7 14.5#
127 15.3 10.6 16.0

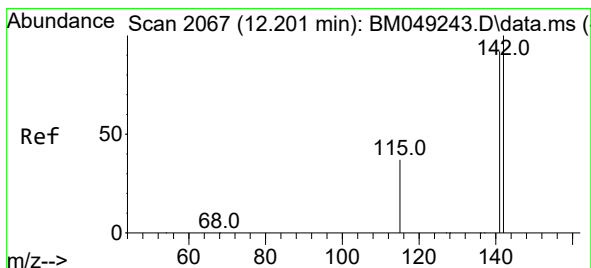
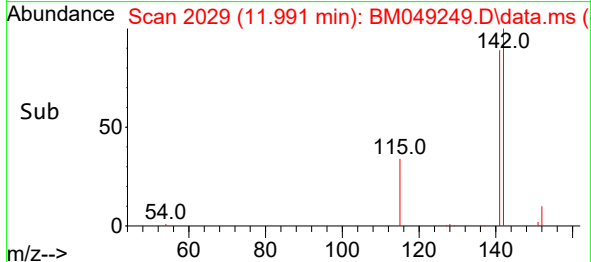
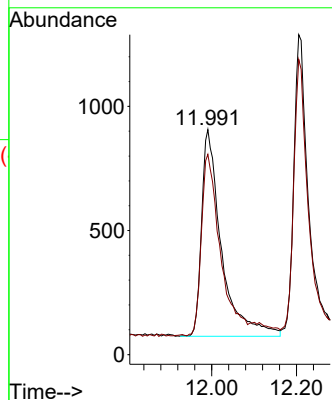
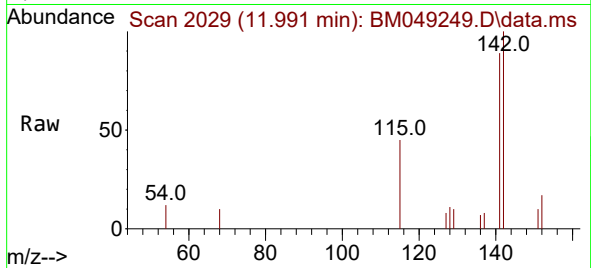




#7
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 11.991 min Scan# 2028
Delta R.T. 0.011 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

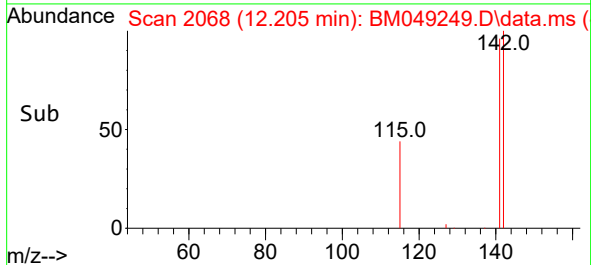
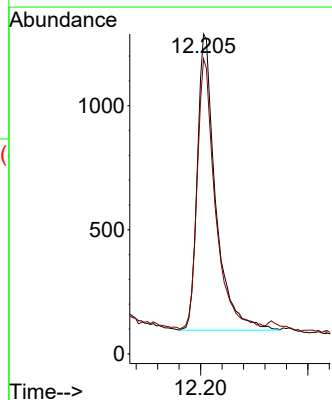
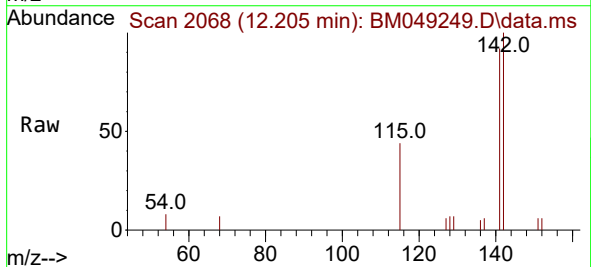
Instrument :
BNA_M
ClientSampleId :
YE5X6MS

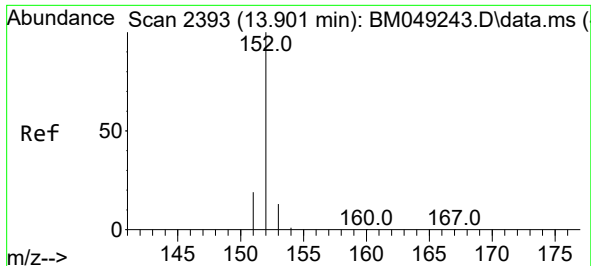
Tgt Ion:142 Resp: 2702
Ion Ratio Lower Upper
142 100
141 90.6 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.205 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Tgt Ion:142 Resp: 2818
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1

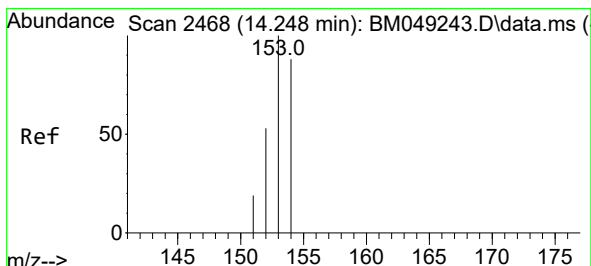
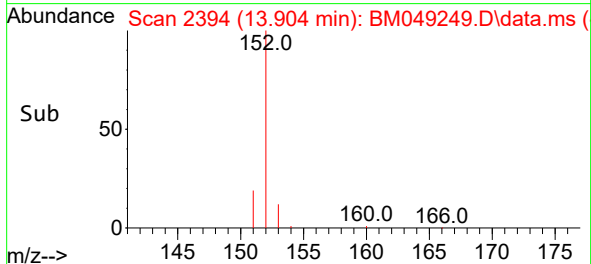
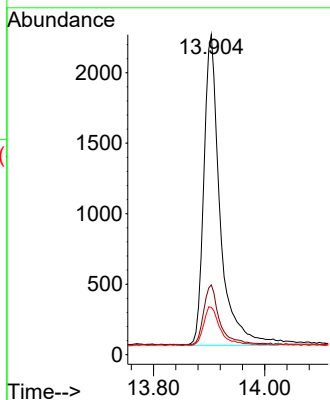
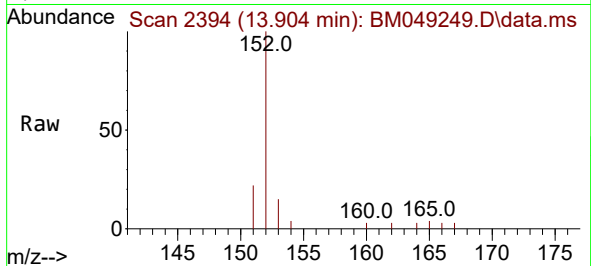




#10
Acenaphthylene
Concen: 0.193 ng/ul
RT: 13.904 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

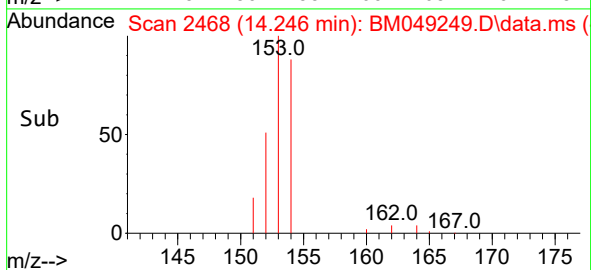
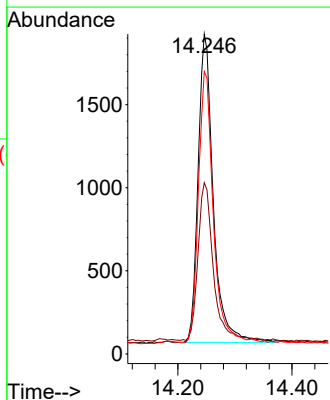
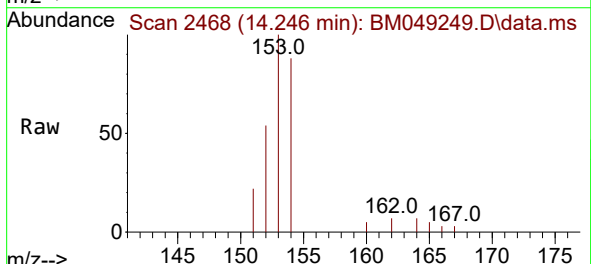
Instrument :
BNA_M
ClientSampleId :
YE5X6MS

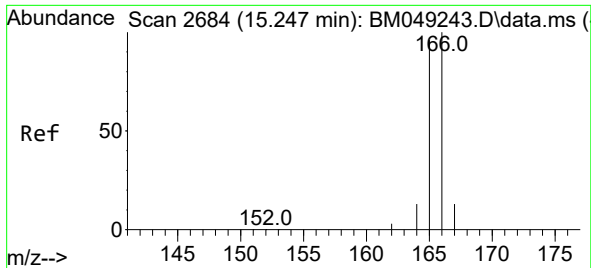
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.0	24.0
153	14.8	11.0	16.6



#11
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.246 min Scan# 2468
Delta R.T. -0.000 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.5	40.7	61.1
154	88.3	70.8	106.2

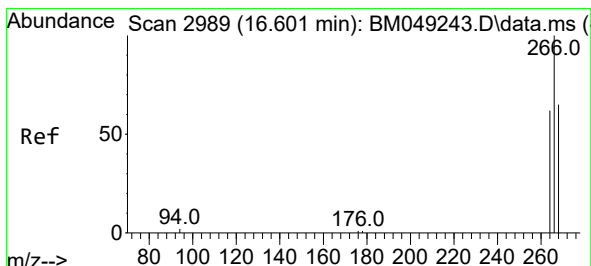
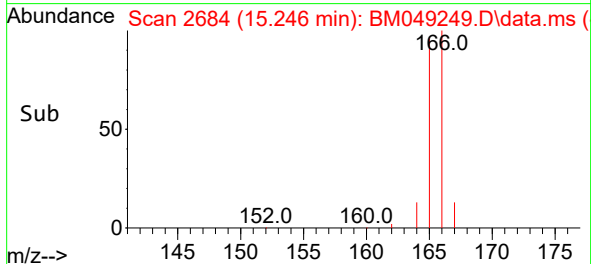
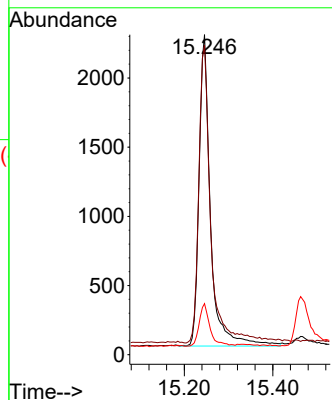
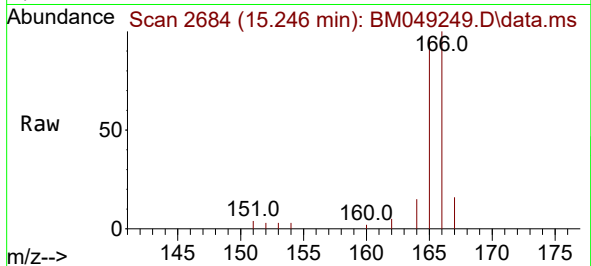




#12
Fluorene
Concen: 0.212 ng/ul
RT: 15.246 min Scan# 20
Delta R.T. 0.005 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

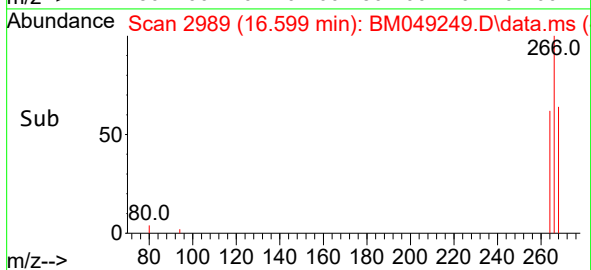
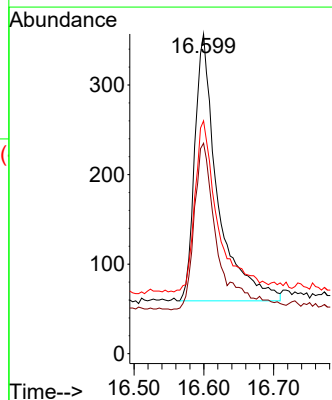
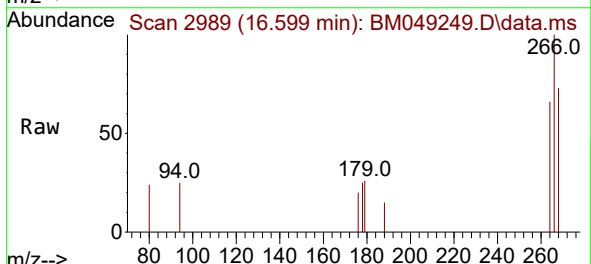
Instrument :
BNA_M
ClientSampleId :
YE5X6MS

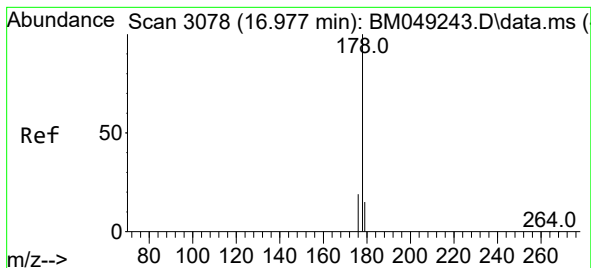
Tgt Ion:166 Resp: 4055
Ion Ratio Lower Upper
166 100
165 96.8 79.7 119.5
167 16.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.207 ng/ul
RT: 16.599 min Scan# 2989
Delta R.T. 0.004 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Tgt Ion:266 Resp: 679
Ion Ratio Lower Upper
266 100
264 64.5 48.3 72.5
268 67.2 47.5 71.3





#15

Phenanthrene

Concen: 0.220 ng/ul

RT: 16.975 min Scan# 3078

Delta R.T. -0.000 min

Lab File: BM049249.D

Acq: 27 Dec 2024 11:05

Instrument :

BNA_M

ClientSampleId :

YE5X6MS

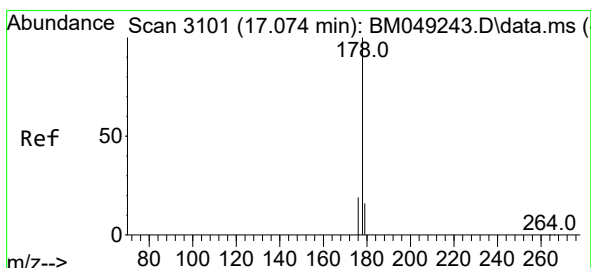
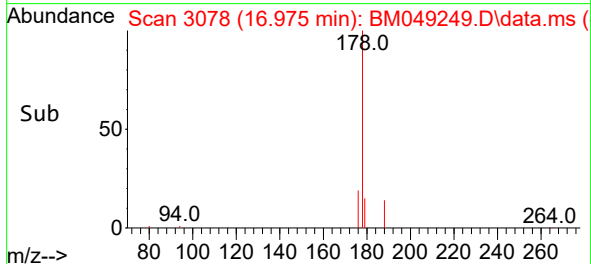
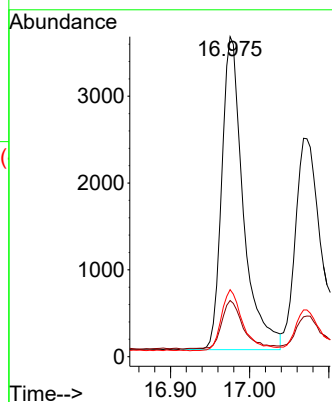
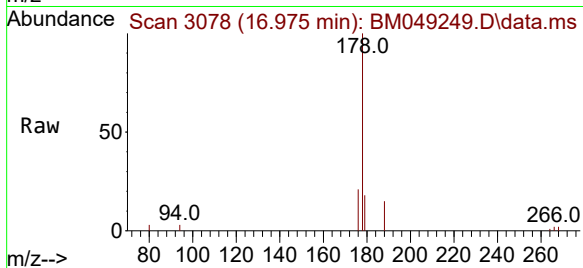
Tgt Ion:178 Resp: 6821

Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.4

176 20.9 16.2 24.2



#16

Anthracene

Concen: 0.207 ng/ul

RT: 17.068 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BM049249.D

Acq: 27 Dec 2024 11:05

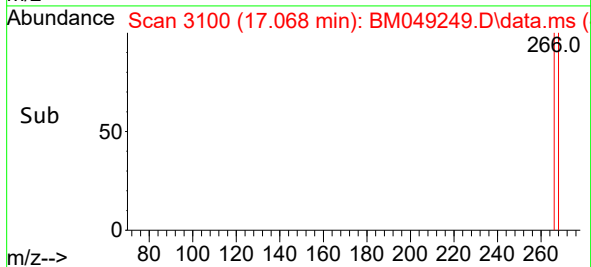
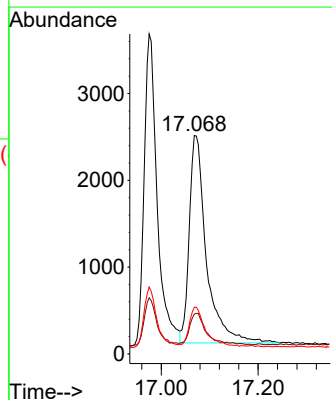
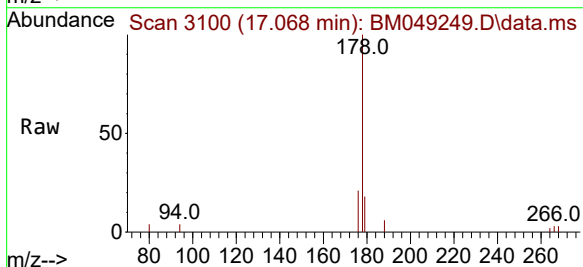
Tgt Ion:178 Resp: 5891

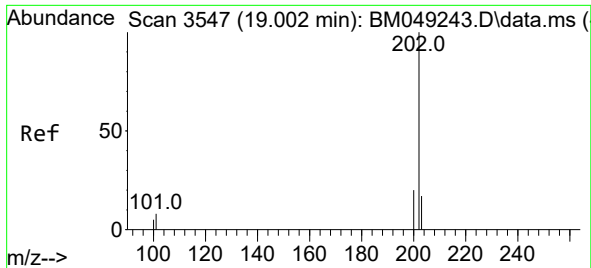
Ion Ratio Lower Upper

178 100

179 18.2 12.9 19.3

176 21.4 15.3 22.9

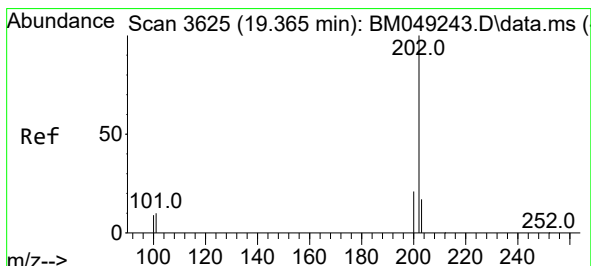
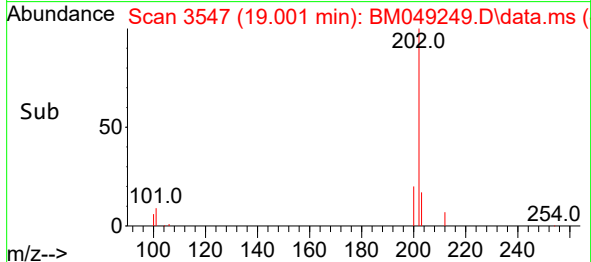
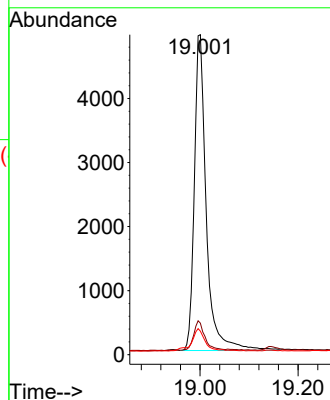
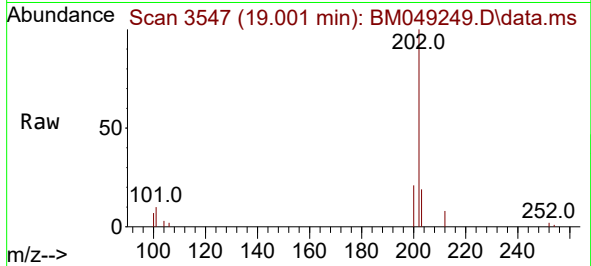




#19
Fluoranthene
Concen: 0.234 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.000 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

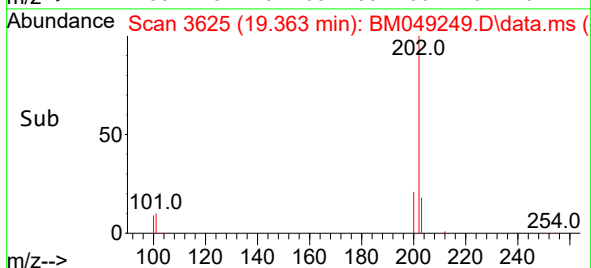
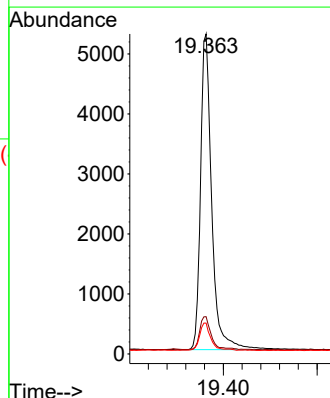
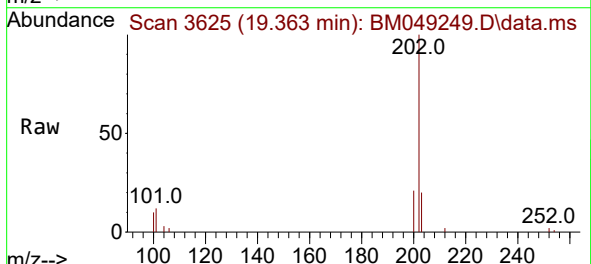
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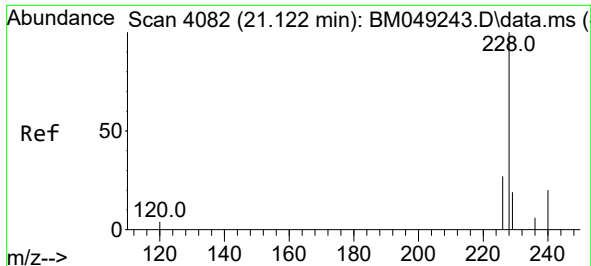
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.6	11.4
100	7.3	5.5	8.3



#20
Pyrene
Concen: 0.227 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. -0.000 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

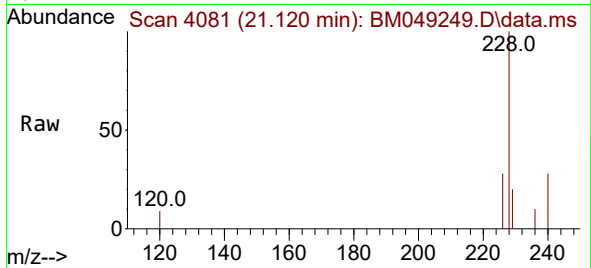
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
100	9.6	6.9	10.3



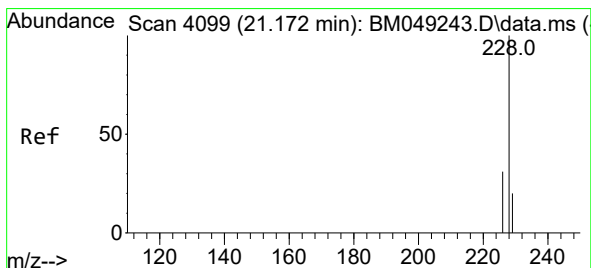
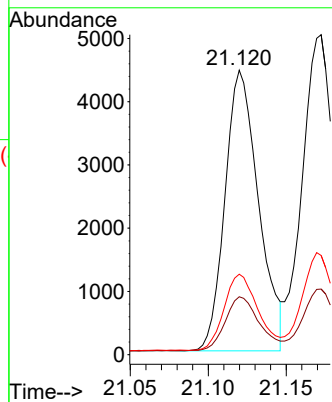
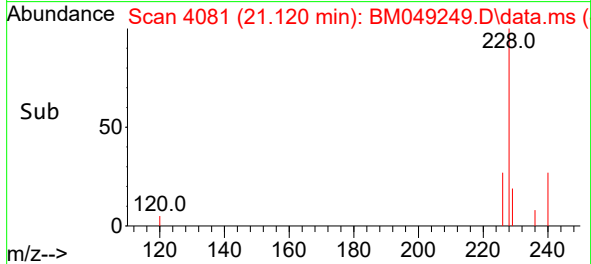


#21
Benzo(a)anthracene
Concen: 0.193 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Instrument :
BNA_M
ClientSampleId :
YE5X6MS

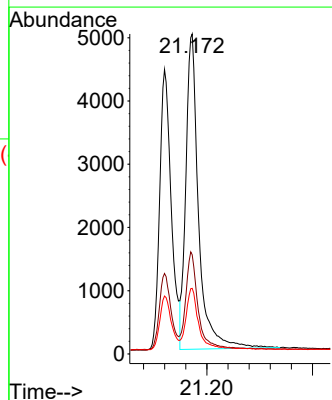
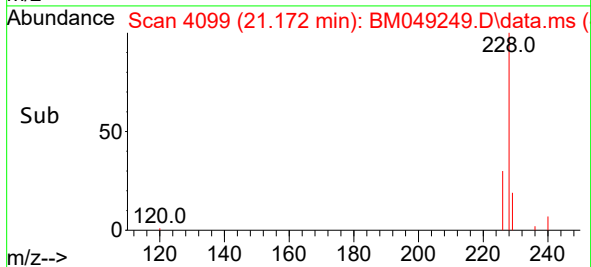
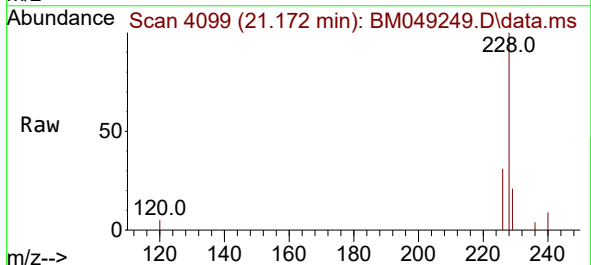


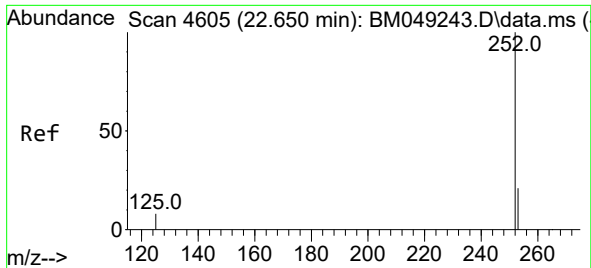
Tgt Ion:228 Resp: 6656
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.3 22.6 34.0



#22
Chrysene
Concen: 0.226 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.000 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Tgt Ion:228 Resp: 8357
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 20.5 15.8 23.8

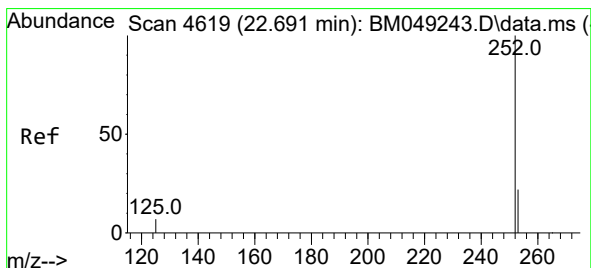
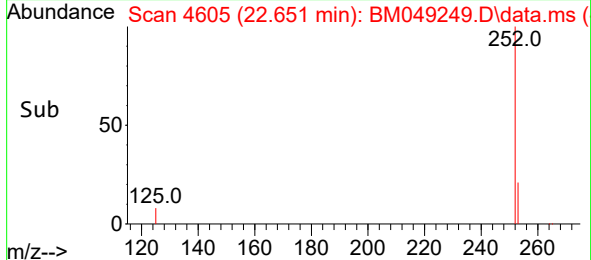
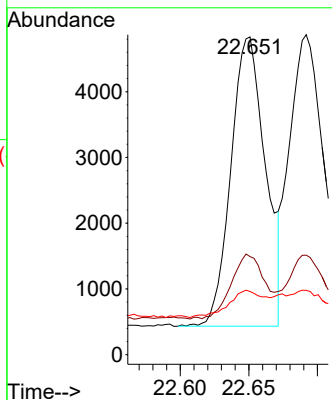
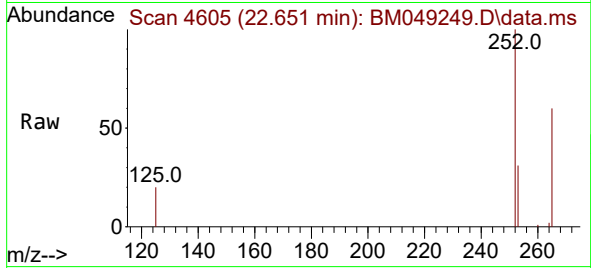




#24
Benzo(b)fluoranthene
Concen: 0.225 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

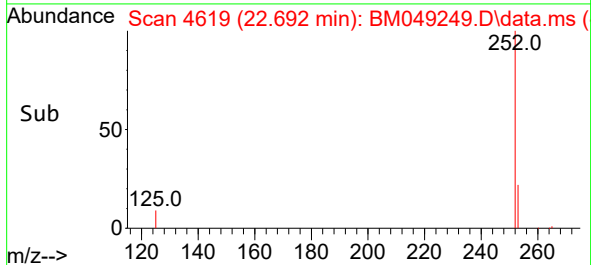
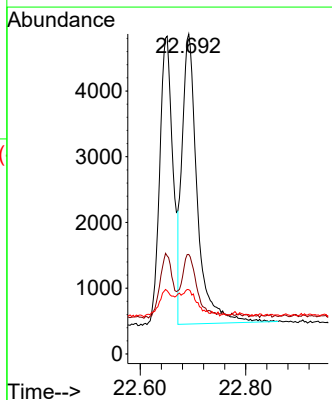
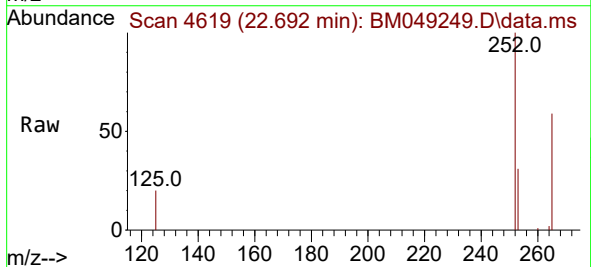
Instrument :
BNA_M
ClientSampleId :
YE5X6MS

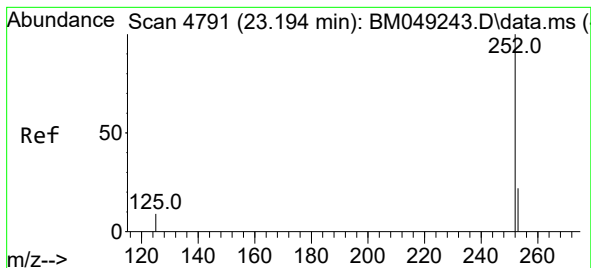
Tgt Ion:252 Resp: 7703
Ion Ratio Lower Upper
252 100
253 30.9 0.0 52.6
125 19.9 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.000 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Tgt Ion:252 Resp: 8787
Ion Ratio Lower Upper
252 100
253 31.1 21.3 31.9
125 20.1 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.219 ng/ul

RT: 23.195 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM049249.D

Acq: 27 Dec 2024 11:05

Instrument :

BNA_M

ClientSampleId :

YE5X6MS

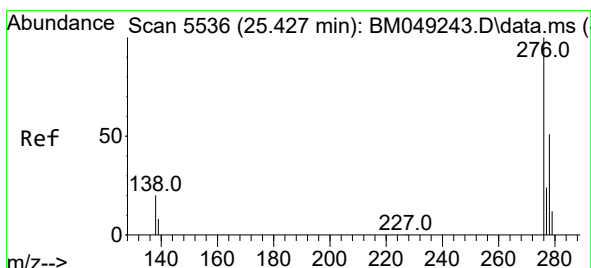
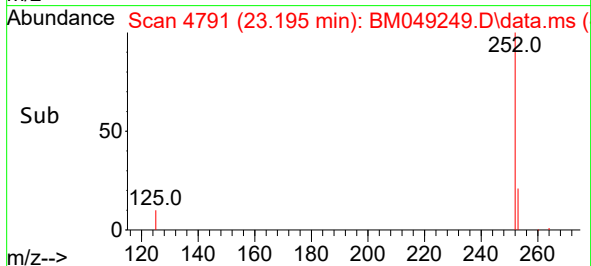
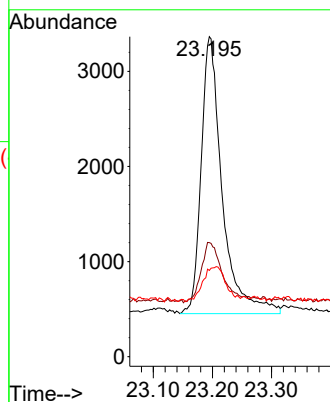
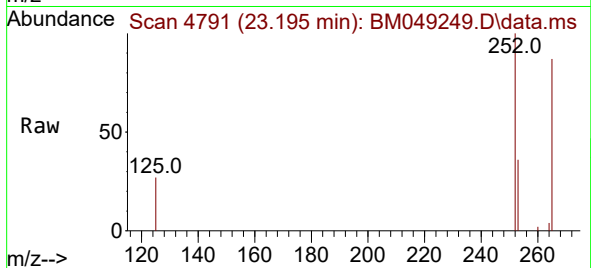
Tgt Ion:252 Resp: 7195

Ion Ratio Lower Upper

252 100

253 35.7 22.4 33.6#

125 27.0 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.207 ng/ul

RT: 25.430 min Scan# 5537

Delta R.T. 0.013 min

Lab File: BM049249.D

Acq: 27 Dec 2024 11:05

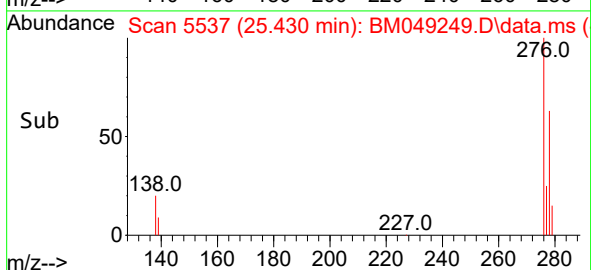
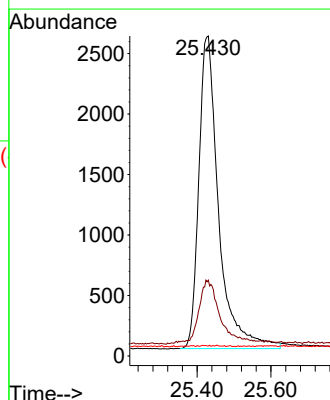
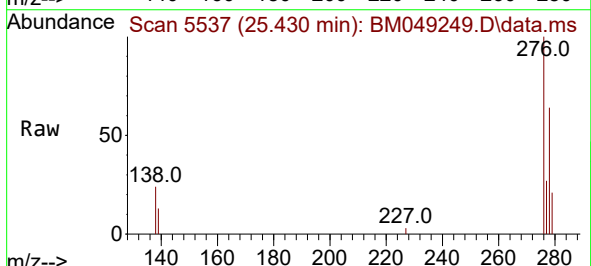
Tgt Ion:276 Resp: 9619

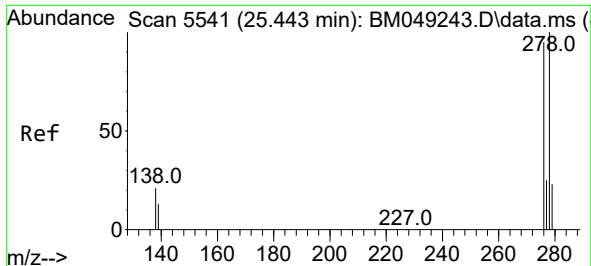
Ion Ratio Lower Upper

276 100

138 20.0 17.4 26.2

227 0.2 0.2 0.2#

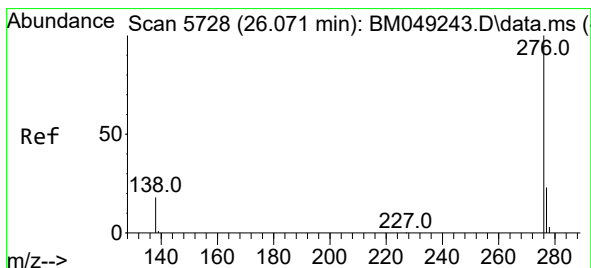
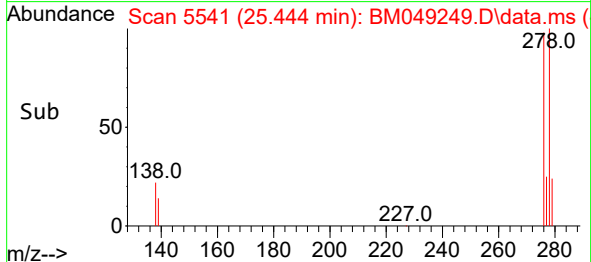
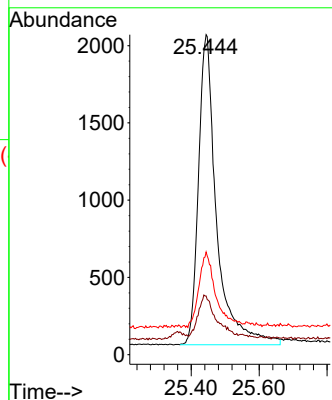
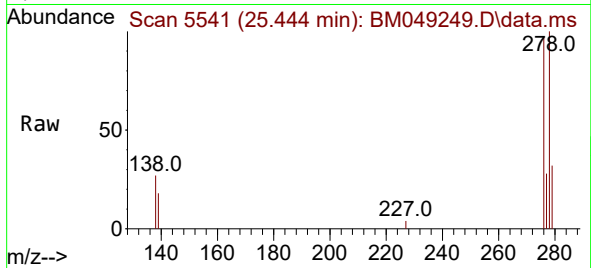




#28
Dibenzo(a,h)anthracene
Concen: 0.206 ng/ul
RT: 25.444 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Instrument :
BNA_M
ClientSampleId :
YE5X6MS

Tgt Ion:278 Resp: 7437
Ion Ratio Lower Upper
278 100
139 18.3 13.5 20.3
279 32.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.216 ng/ul
RT: 26.071 min Scan# 5728
Delta R.T. 0.003 min
Lab File: BM049249.D
Acq: 27 Dec 2024 11:05

Tgt Ion:276 Resp: 8083
Ion Ratio Lower Upper
276 100
138 23.2 16.7 25.1
277 26.0 19.9 29.9

