

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049127.D
 Acq On : 21 Dec 2024 07:50
 Operator : RC/JU
 Sample : P5265-08DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z3DL

Quant Time: Dec 22 23:06:31 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 : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

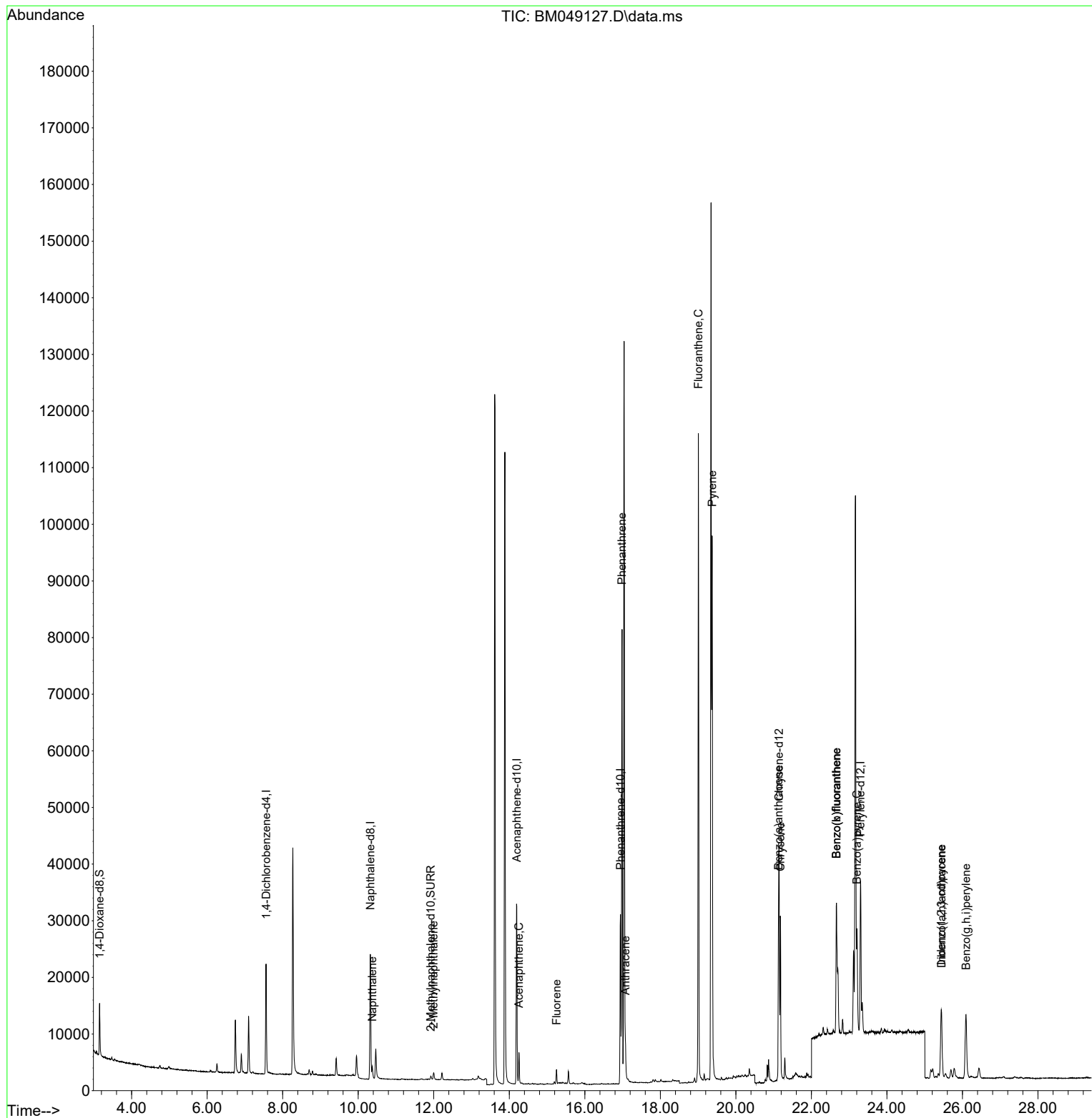
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	10459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	31264	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	18045	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	36594	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	30791	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	33339	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5877	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1099	0.026	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	1641	0.019	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.370	128	1692	0.022	ng/ul#	78
7) 2-Methylnaphthalene	11.998	142	1205	0.024	ng/ul	97
11) Acenaphthene	14.257	153	3101	0.057	ng/ul	97
12) Fluorene	15.252	166	1724	0.028	ng/ul#	94
15) Phenanthrene	16.985	178	83798	0.877	ng/ul	98
16) Anthracene	17.074	178	5265	0.060	ng/ul#	90
19) Fluoranthene	19.007	202	98526	0.885	ng/ul	100
20) Pyrene	19.374	202	85065	0.716	ng/ul	98
21) Benzo(a)anthracene	21.128	228	21000	0.196	ng/ul	97
22) Chrysene	21.178	228	28299	0.246	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	49534	0.465	ng/ul	96
25) Benzo(k)fluoranthene	22.662	252	49487	0.423	ng/ul	97
26) Benzo(a)pyrene	23.206	252	23207	0.227	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.440	276	21827	0.151	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.447	278	3769	0.034	ng/ul#	45
29) Benzo(g,h,i)perylene	26.094	276	23232	0.200	ng/ul	97

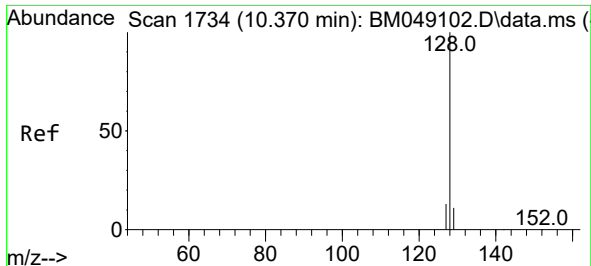
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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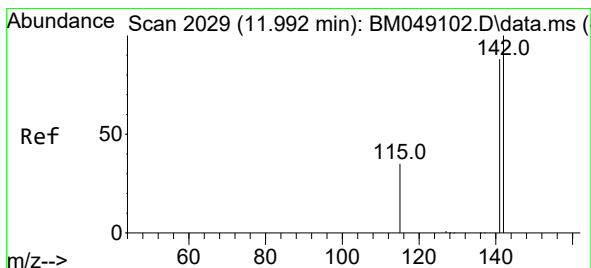
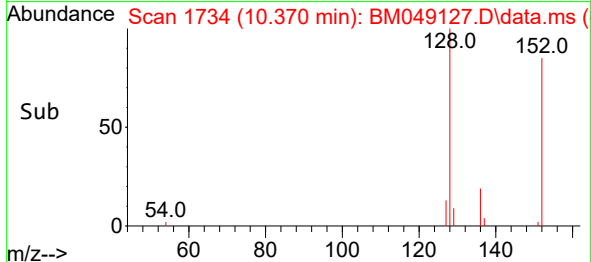
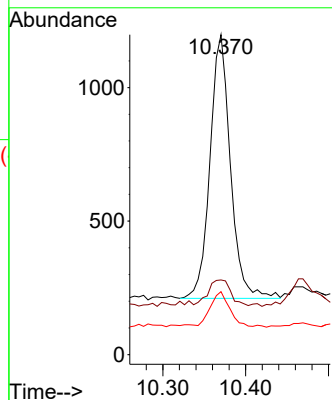
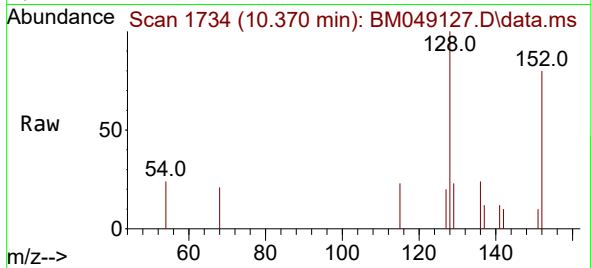




#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.370 min Scan# 11
Delta R.T. -0.010 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

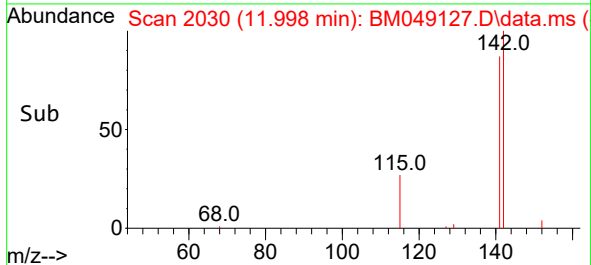
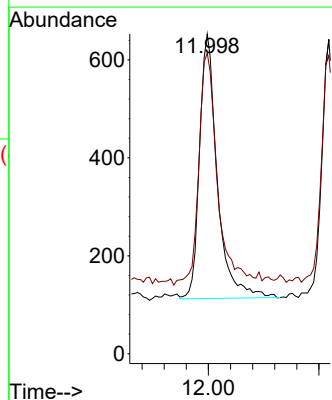
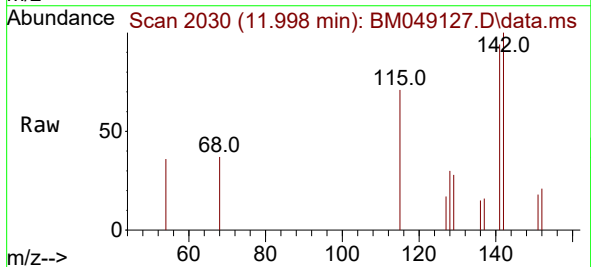
Instrument :
BNA_M
ClientSampleId :
E28Z3DL

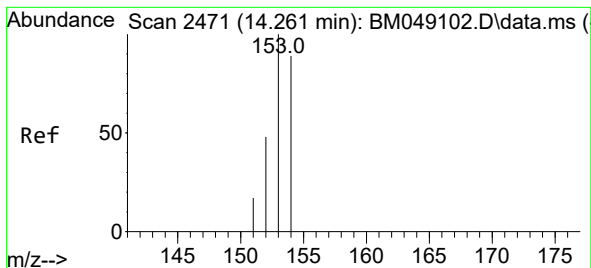
Tgt Ion:128 Resp: 1692
Ion Ratio Lower Upper
128 100
129 23.4 9.7 14.5#
127 19.7 10.6 16.0#



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

Tgt Ion:142 Resp: 1205
Ion Ratio Lower Upper
142 100
141 92.0 71.7 107.5





#11

Acenaphthene

Concen: 0.057 ng/ul

RT: 14.257 min Scan# 2471

Delta R.T. -0.008 min

Lab File: BM049127.D

Acq: 21 Dec 2024 07:50

Instrument :

BNA_M

ClientSampleId :

E28Z3DL

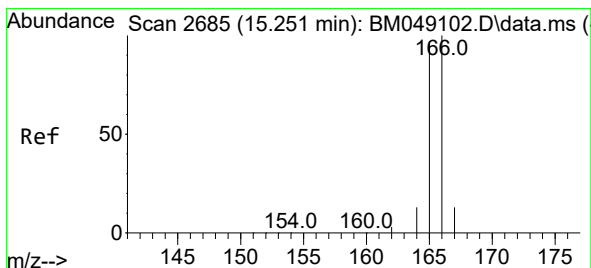
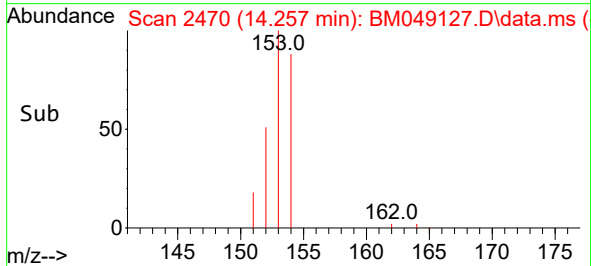
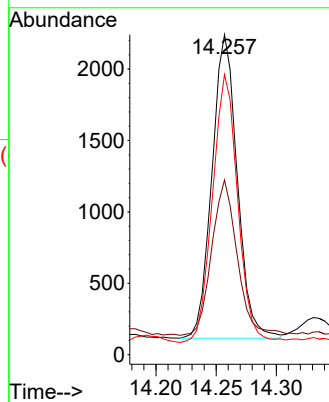
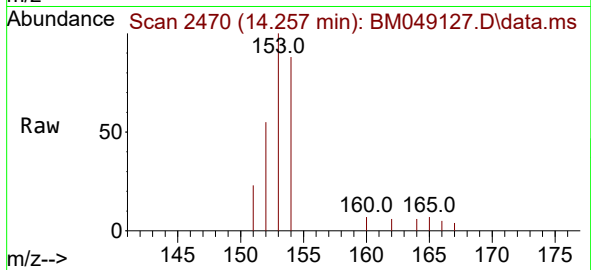
Tgt Ion:153 Resp: 3101

Ion Ratio Lower Upper

153 100

152 54.6 40.7 61.1

154 87.6 70.8 106.2



#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.252 min Scan# 2685

Delta R.T. -0.003 min

Lab File: BM049127.D

Acq: 21 Dec 2024 07:50

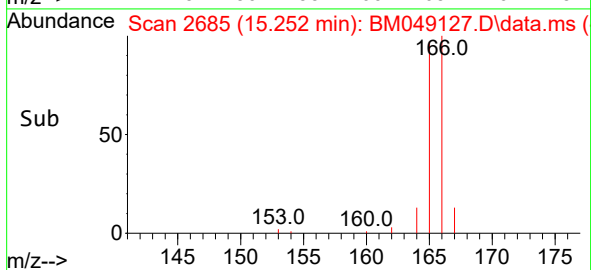
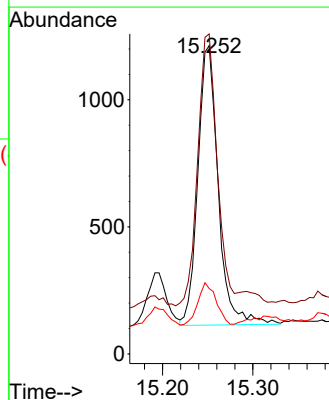
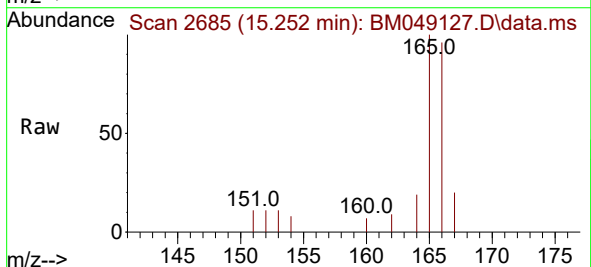
Tgt Ion:166 Resp: 1724

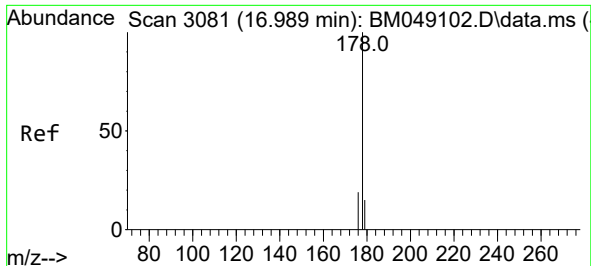
Ion Ratio Lower Upper

166 100

165 103.8 79.7 119.5

167 21.2 11.4 17.0#

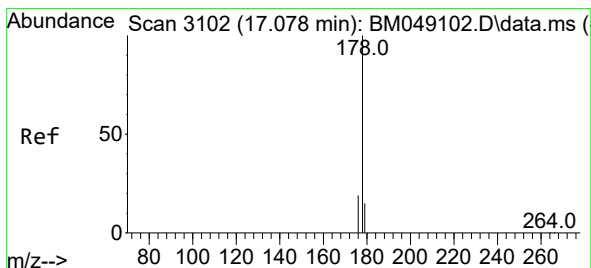
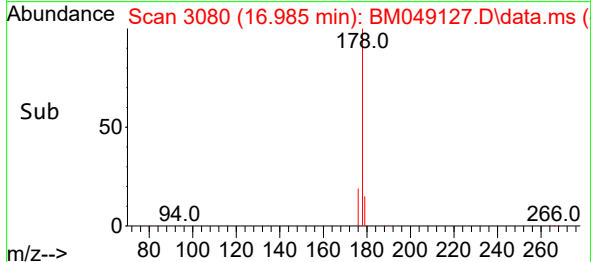
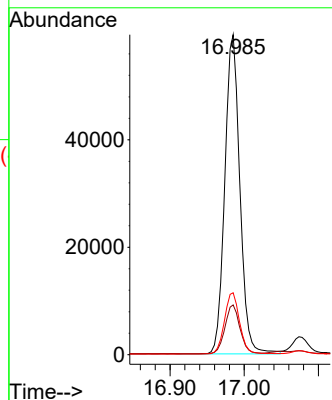
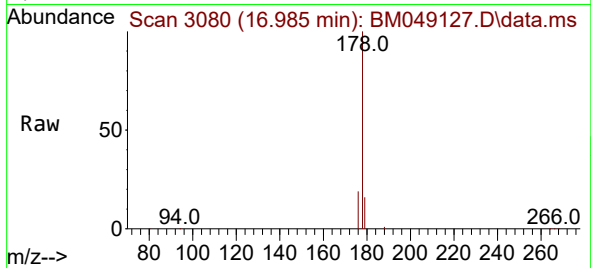




#15
Phenanthrene
Concen: 0.877 ng/ul
RT: 16.985 min Scan# 3080
Delta R.T. -0.007 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

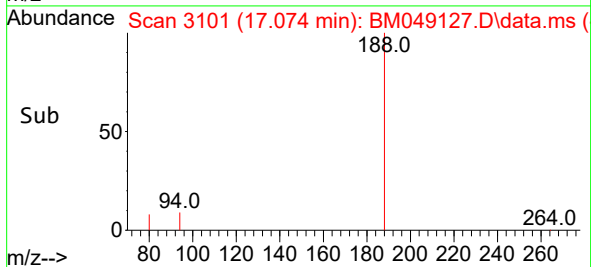
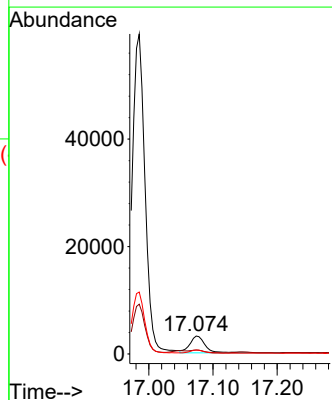
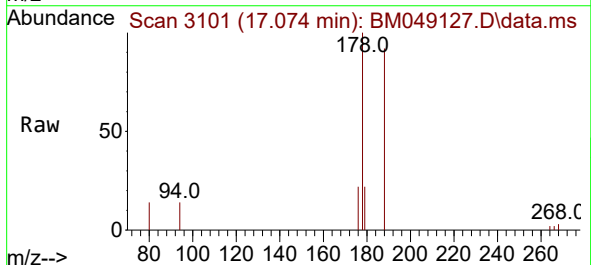
Instrument :
BNA_M
ClientSampleId :
E28Z3DL

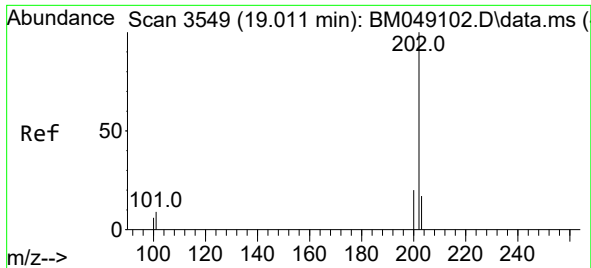
Tgt Ion:178 Resp: 83798
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.4 16.2 24.2



#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

Tgt Ion:178 Resp: 5265
Ion Ratio Lower Upper
178 100
179 21.9 12.9 19.3#
176 21.8 15.3 22.9

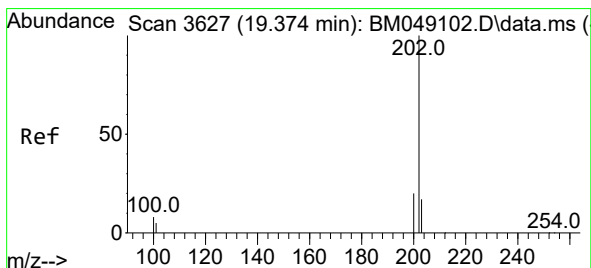
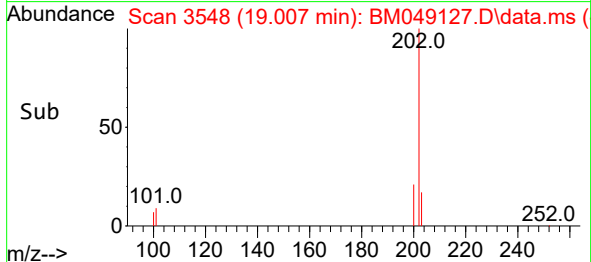
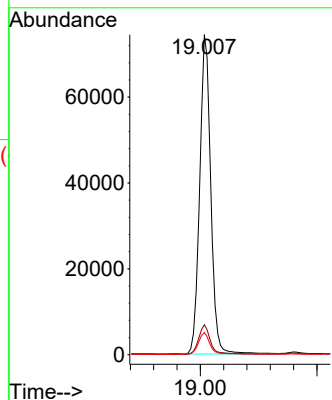
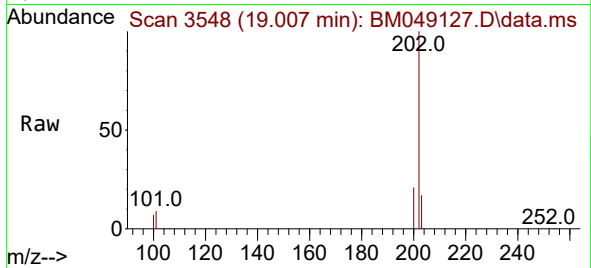




#19
Fluoranthene
Concen: 0.885 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. -0.008 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

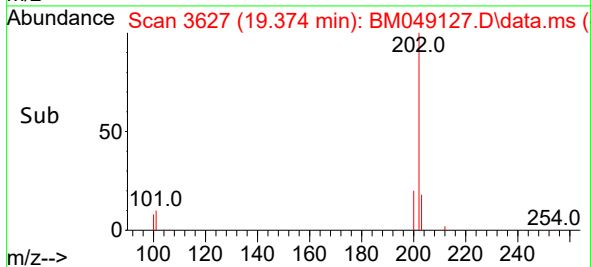
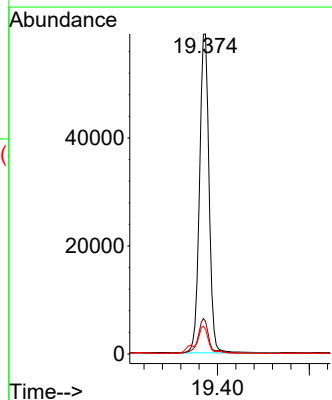
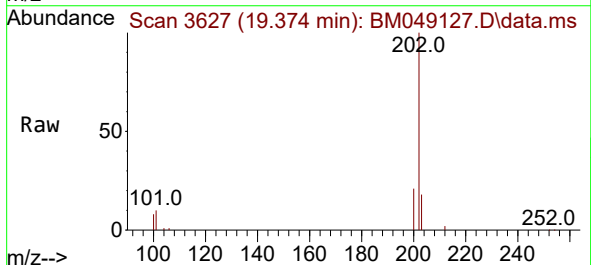
Instrument :
BNA_M
ClientSampleId :
E28Z3DL

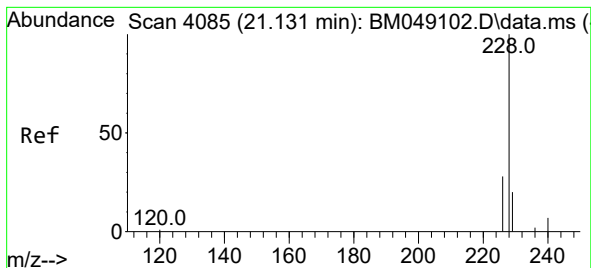
Tgt Ion:202 Resp: 98526
Ion Ratio Lower Upper
202 100
101 9.3 7.6 11.4
100 6.9 5.5 8.3



#20
Pyrene
Concen: 0.716 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

Tgt Ion:202 Resp: 85065
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 7.8 6.9 10.3





#21

Benzo(a)anthracene

Concen: 0.196 ng/ul

RT: 21.128 min Scan# 4085

Delta R.T. -0.003 min

Lab File: BM049127.D

Acq: 21 Dec 2024 07:50

Instrument :

BNA_M

ClientSampleId :

E28Z3DL

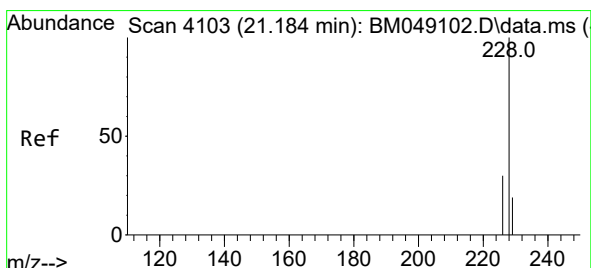
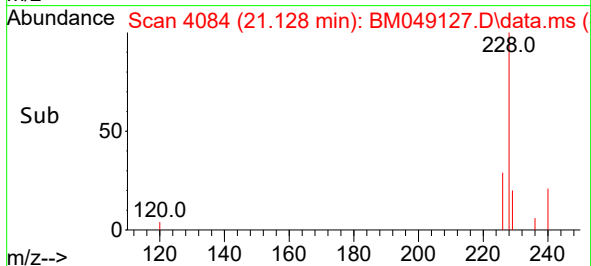
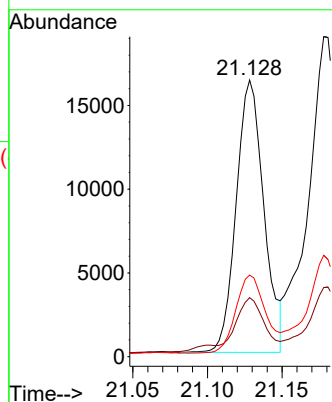
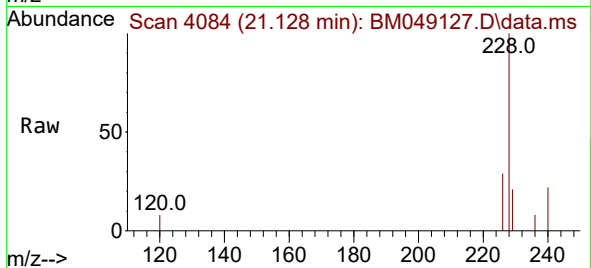
Tgt Ion:228 Resp: 21000

Ion Ratio Lower Upper

228 100

229 21.3 15.9 23.9

226 29.5 22.6 34.0



#22

Chrysene

Concen: 0.246 ng/ul

RT: 21.178 min Scan# 4101

Delta R.T. -0.006 min

Lab File: BM049127.D

Acq: 21 Dec 2024 07:50

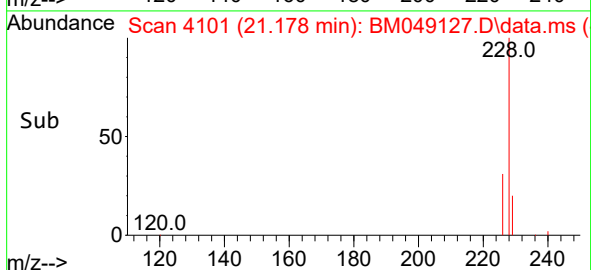
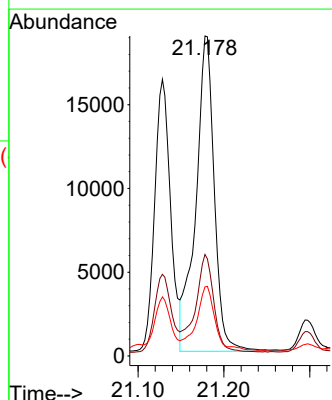
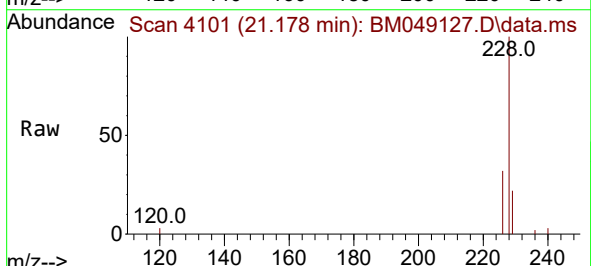
Tgt Ion:228 Resp: 28299

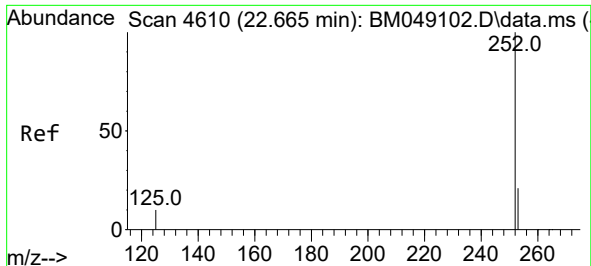
Ion Ratio Lower Upper

228 100

226 31.7 24.1 36.1

229 21.6 15.8 23.8

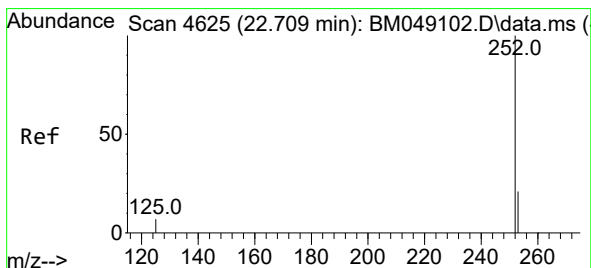
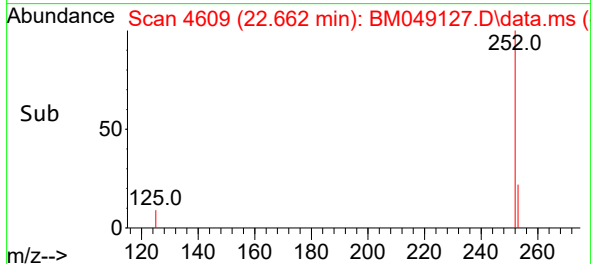
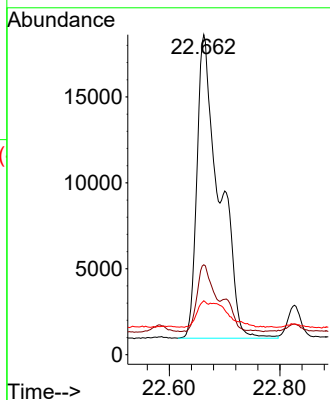
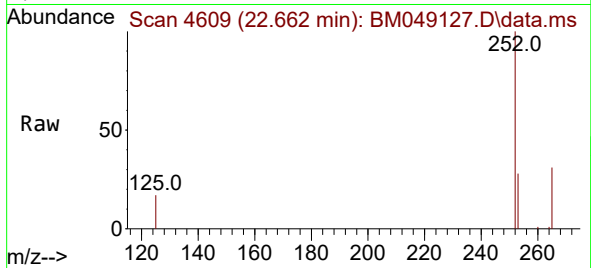




#24
Benzo(b)fluoranthene
Concen: 0.465 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

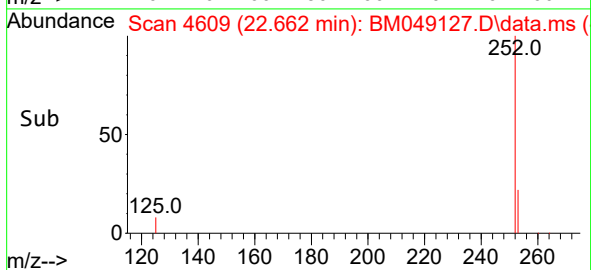
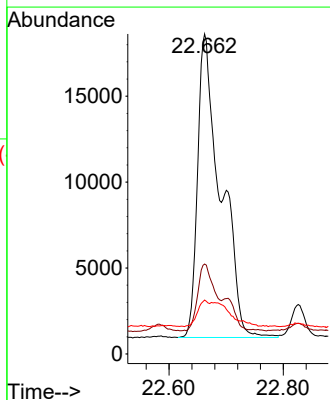
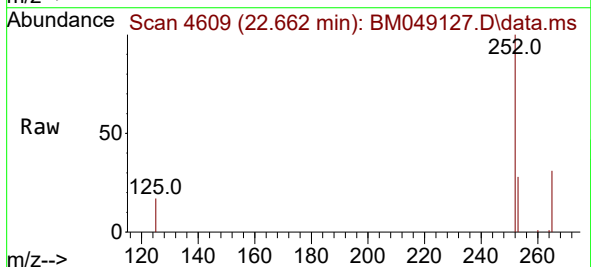
Instrument :
BNA_M
ClientSampleId :
E28Z3DL

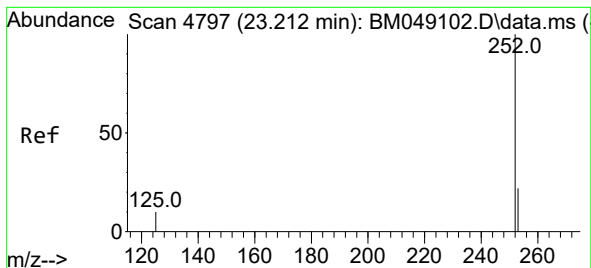
Tgt Ion:252 Resp: 49534
Ion Ratio Lower Upper
252 100
253 28.1 0.0 52.6
125 16.9 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.044 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

Tgt Ion:252 Resp: 49487
Ion Ratio Lower Upper
252 100
253 28.1 21.3 31.9
125 16.9 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.227 ng/ul

RT: 23.206 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM049127.D

Acq: 21 Dec 2024 07:50

Instrument :

BNA_M

ClientSampleId :

E28Z3DL

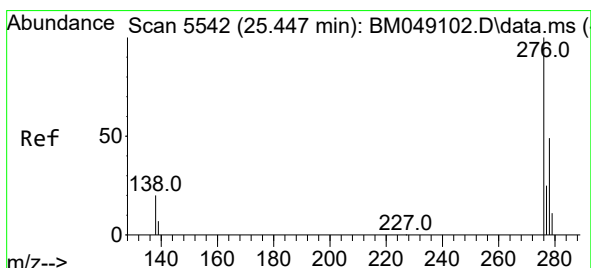
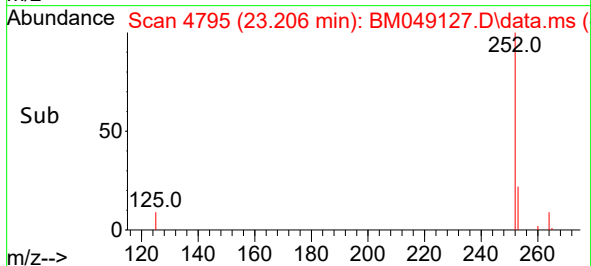
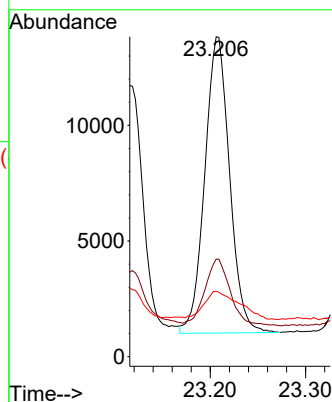
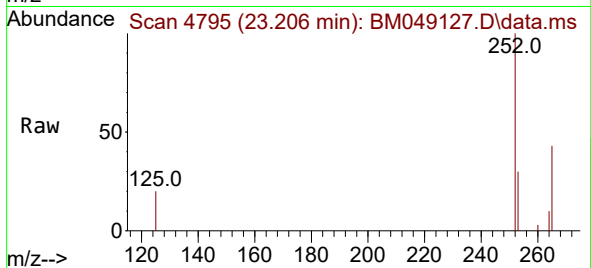
Tgt Ion:252 Resp: 23207

Ion Ratio Lower Upper

252 100

253 30.5 22.4 33.6

125 20.5 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.151 ng/ul

RT: 25.440 min Scan# 5540

Delta R.T. -0.007 min

Lab File: BM049127.D

Acq: 21 Dec 2024 07:50

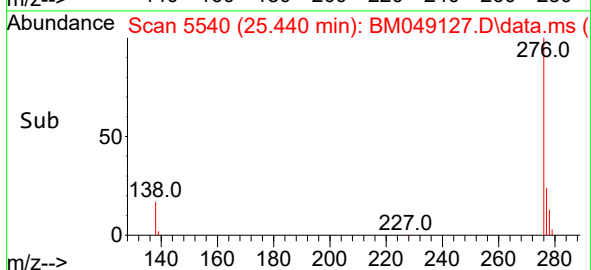
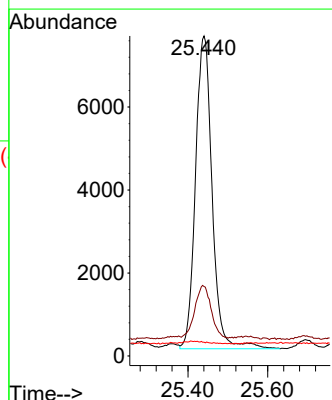
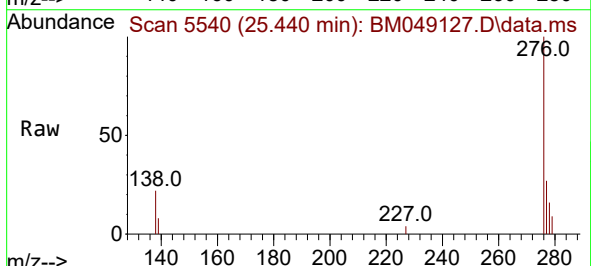
Tgt Ion:276 Resp: 21827

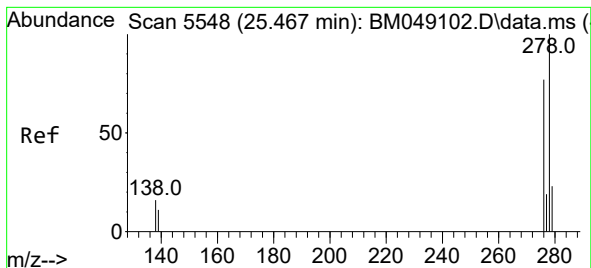
Ion Ratio Lower Upper

276 100

138 16.6 17.4 26.2#

227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.034 ng/ul

RT: 25.447 min Scan# 51

Delta R.T. -0.020 min

Lab File: BM049127.D

Acq: 21 Dec 2024 07:50

Instrument :

BNA_M

ClientSampleId :

E28Z3DL

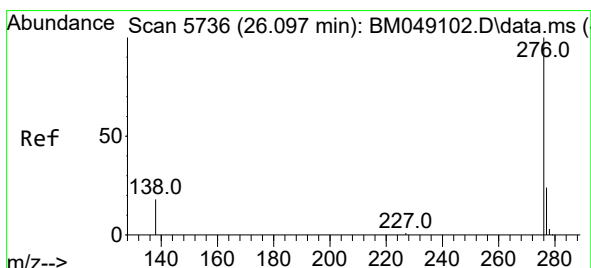
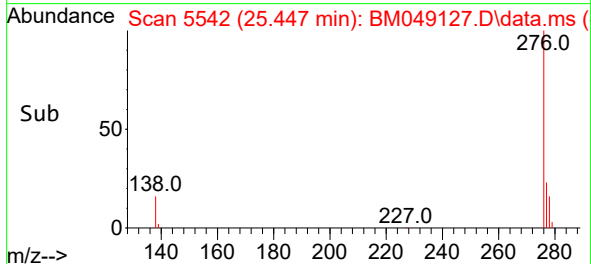
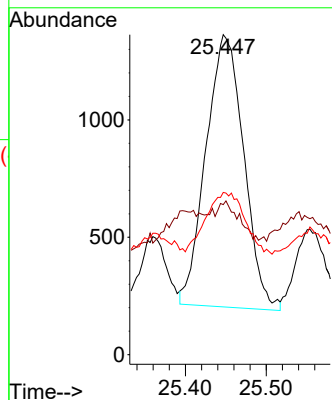
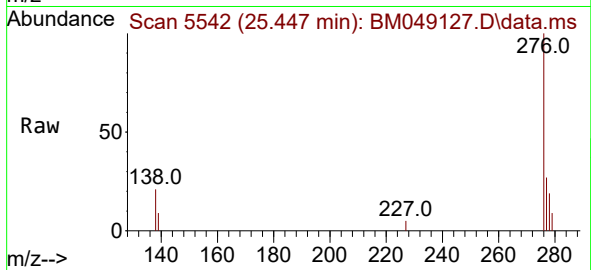
Tgt Ion:278 Resp: 3769

Ion Ratio Lower Upper

278 100

139 46.9 13.5 20.3#

279 50.7 21.5 32.3#



#29

Benzo(g,h,i)perylene

Concen: 0.200 ng/ul

RT: 26.094 min Scan# 5735

Delta R.T. -0.000 min

Lab File: BM049127.D

Acq: 21 Dec 2024 07:50

Tgt Ion:276 Resp: 23232

Ion Ratio Lower Upper

276 100

138 22.1 16.7 25.1

277 26.2 19.9 29.9

