

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049130.D
 Acq On : 21 Dec 2024 09:38
 Operator : RC/JU
 Sample : P5265-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2901

Quant Time: Dec 22 23:07:04 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)

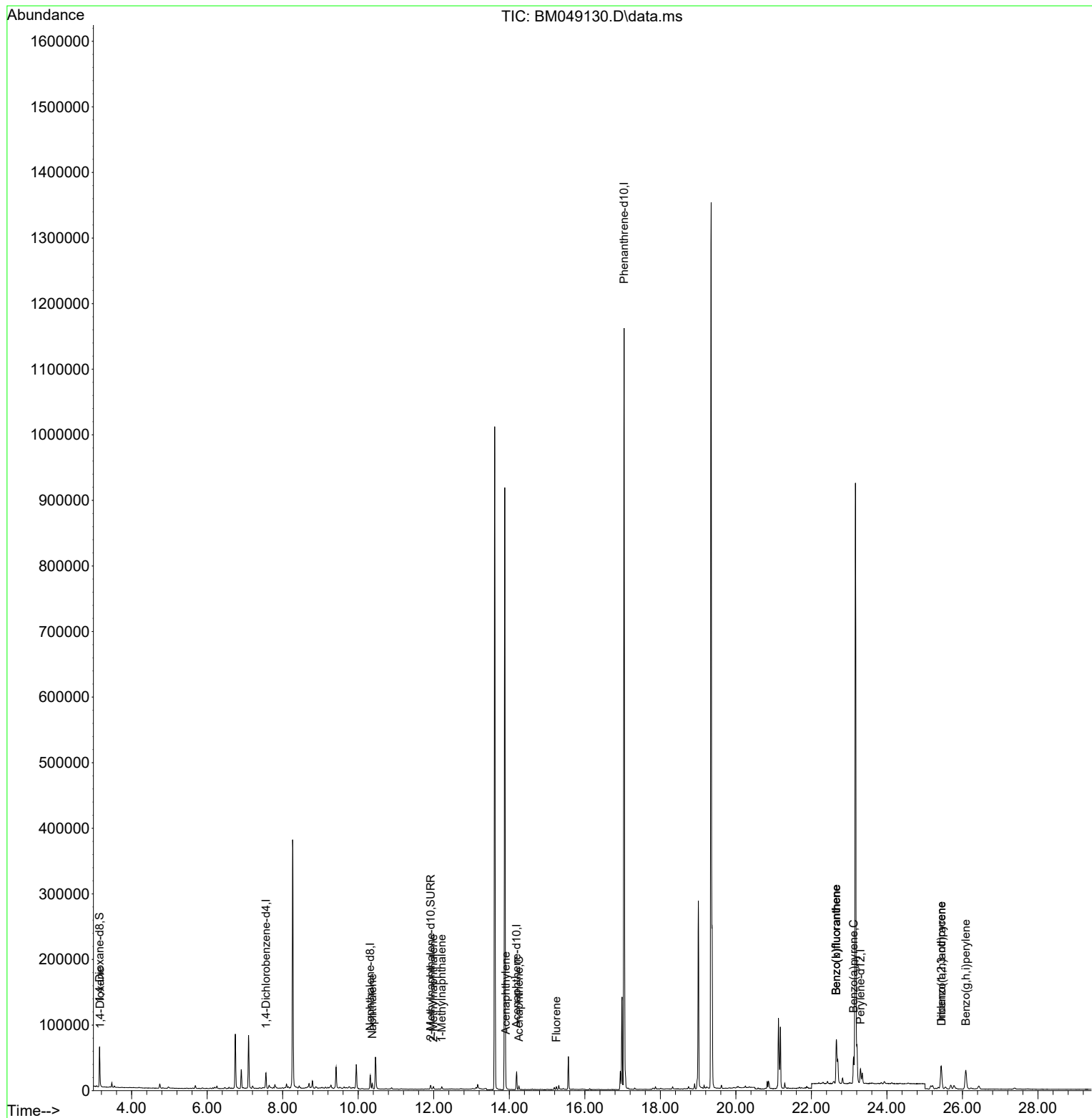
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	8487	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	26860	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	15178	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.039	188	1326358	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.15
23) Perylene-d12	23.300	264	30620	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	38295	3.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.919	152	8317	0.230	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	15847	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	410	0.036	ng/ul#	41
5) Naphthalene	10.369	128	6358	0.095	ng/ul#	94
7) 2-Methylnaphthalene	11.991	142	2895	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	2739	0.063	ng/ul	99
10) Acenaphthylene	13.909	152	2143	0.034	ng/ul#	73
11) Acenaphthene	14.256	153	2944	0.064	ng/ul	97
12) Fluorene	15.246	166	2478	0.048	ng/ul#	93
24) Benzo(b)fluoranthene	22.660	252	146790	1.501	ng/ul	96
25) Benzo(k)fluoranthene	22.660	252	146790	1.368	ng/ul#	95
26) Benzo(a)pyrene	23.116	252	53346	0.569	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.437	276	54993	0.414	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.447	278	11602	0.112	ng/ul#	83
29) Benzo(g,h,i)perylene	26.091	276	59639	0.559	ng/ul	99

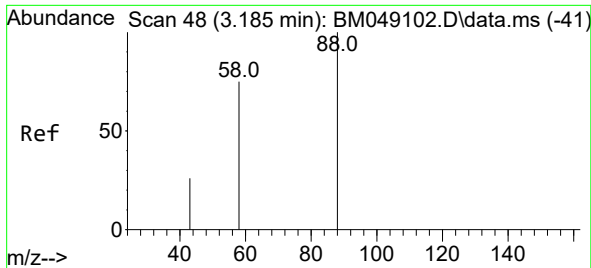
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049130.D
Acq On : 21 Dec 2024 09:38
Operator : RC/JU
Sample : P5265-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2901

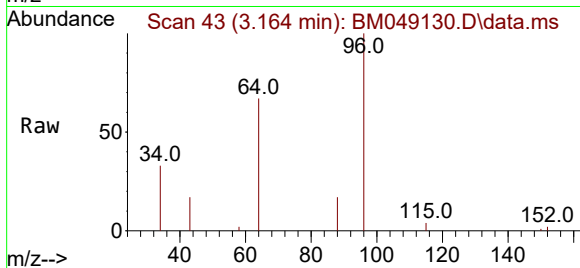
Quant Time: Dec 22 23:07:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



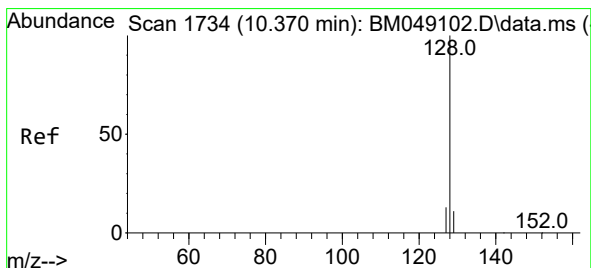
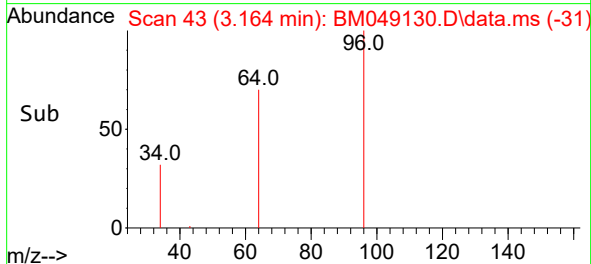
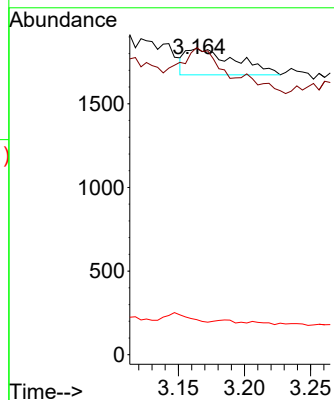


#2
1,4-Dioxane
Concen: 0.036 ng/ul
RT: 3.164 min Scan# 41
Delta R.T. -0.021 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Instrument :
BNA_M
ClientSampleId :
E2901

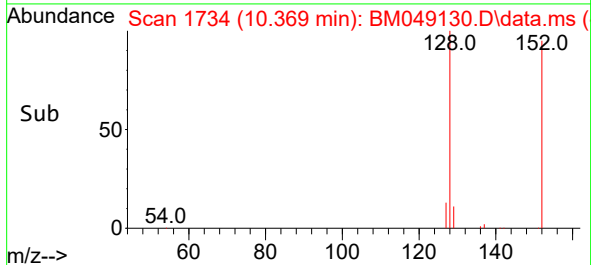
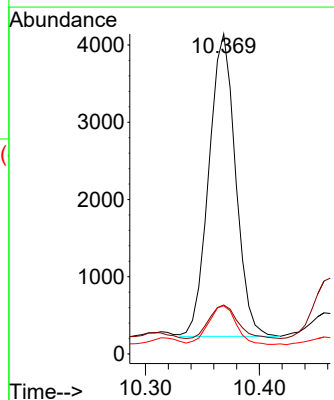
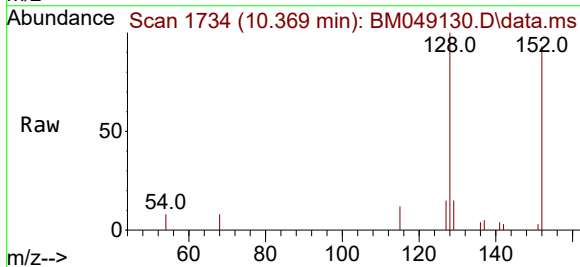


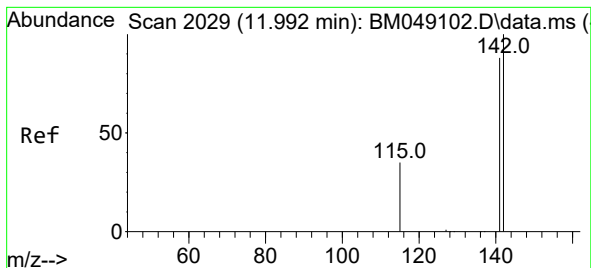
Tgt Ion: 88 Resp: 410
Ion Ratio Lower Upper
88 100
43 100.3 45.4 68.2#
58 11.5 43.6 65.4#



#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.369 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Tgt Ion: 128 Resp: 6358
Ion Ratio Lower Upper
128 100
129 15.3 9.7 14.5#
127 15.1 10.6 16.0

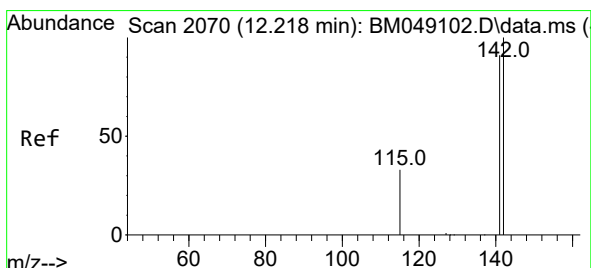
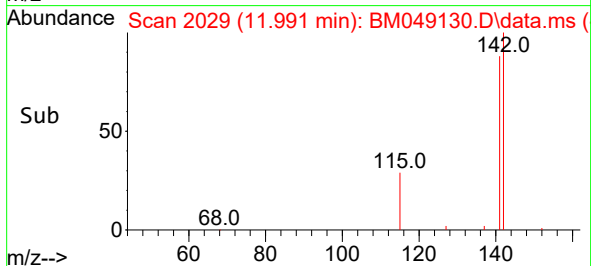
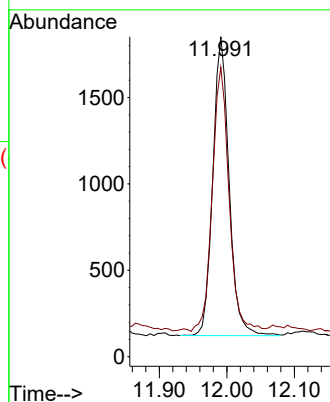
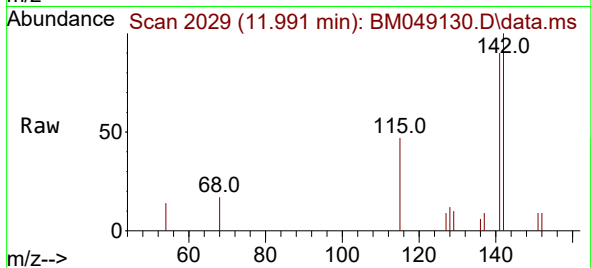




#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 11.991 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

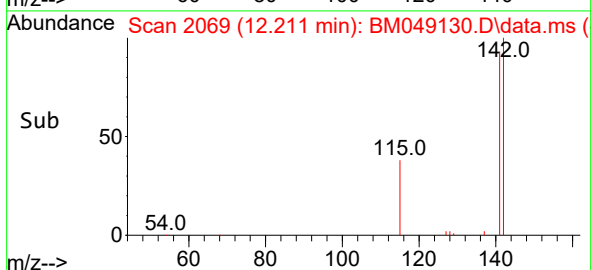
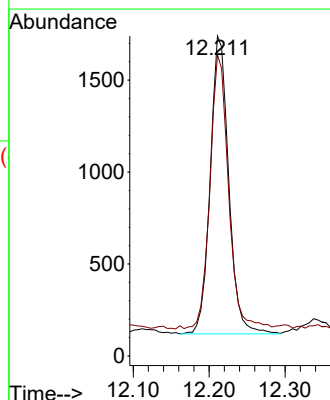
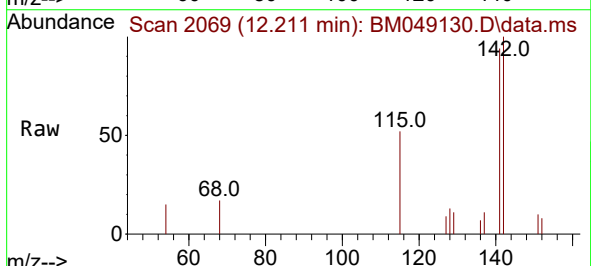
Instrument :
BNA_M
ClientSampleId :
E2901

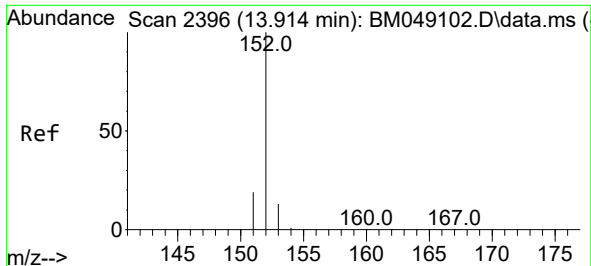
Tgt Ion:142 Resp: 2895
Ion Ratio Lower Upper
142 100
141 91.2 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Tgt Ion:142 Resp: 2739
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1

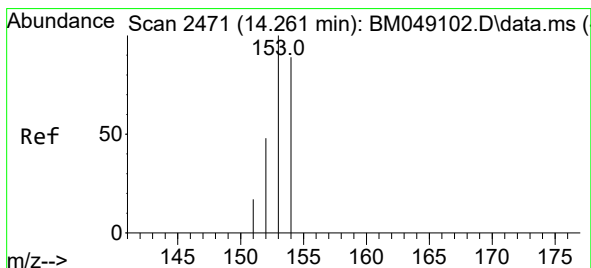
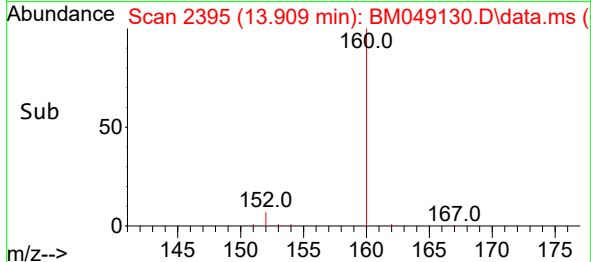
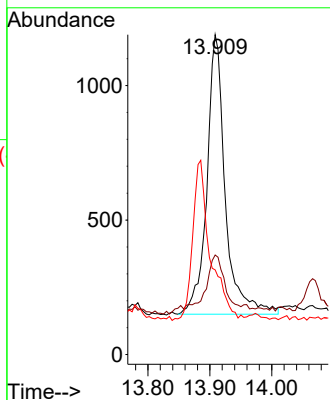
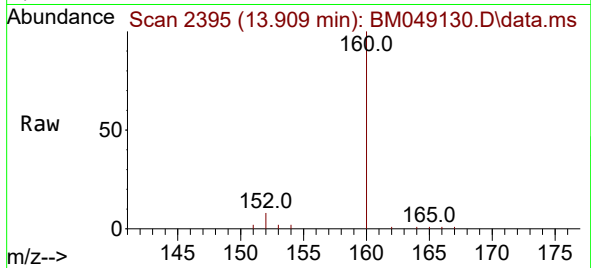




#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.909 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

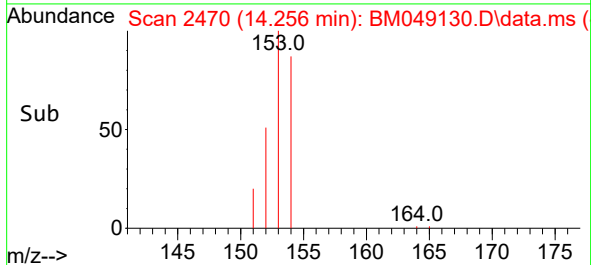
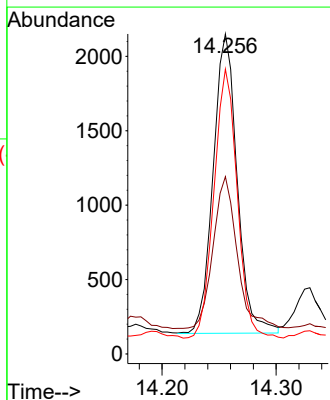
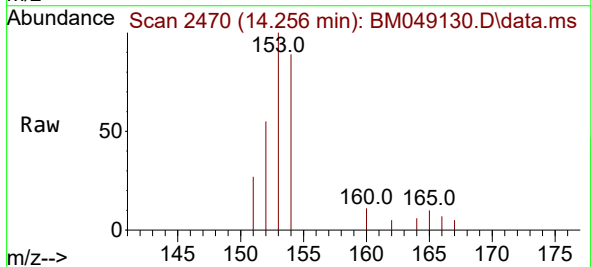
Instrument :
BNA_M
ClientSampleId :
E2901

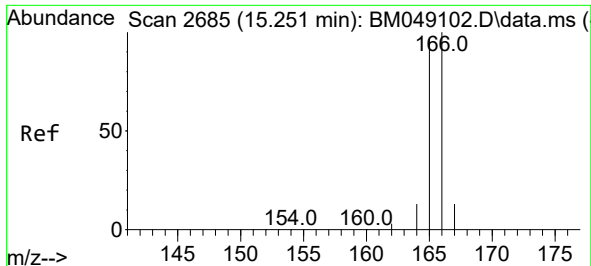
Tgt Ion:152 Resp: 2143
Ion Ratio Lower Upper
152 100
151 31.1 16.0 24.0#
153 26.5 11.0 16.6#



#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.256 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Tgt Ion:153 Resp: 2944
Ion Ratio Lower Upper
153 100
152 55.4 40.7 61.1
154 89.0 70.8 106.2

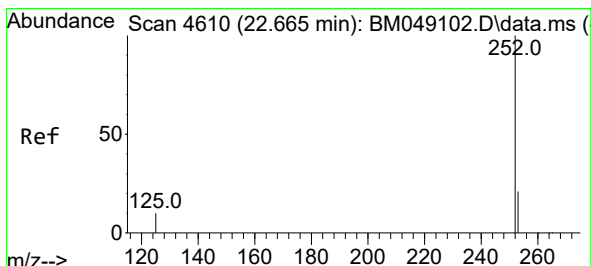
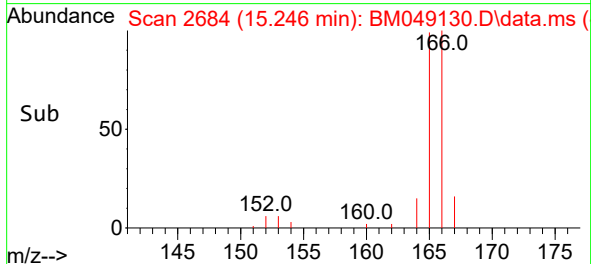
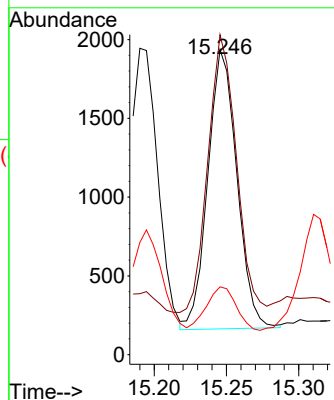
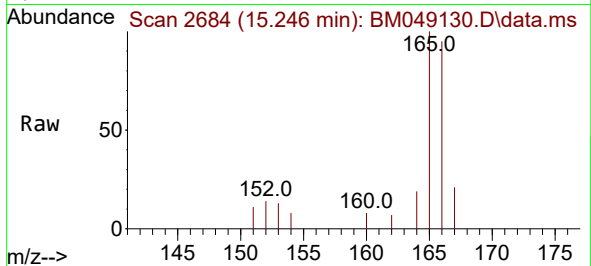




#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.246 min Scan# 20
Delta R.T. -0.009 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

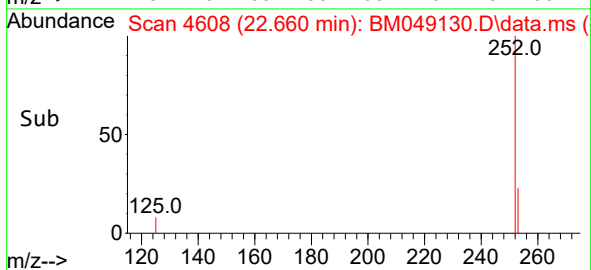
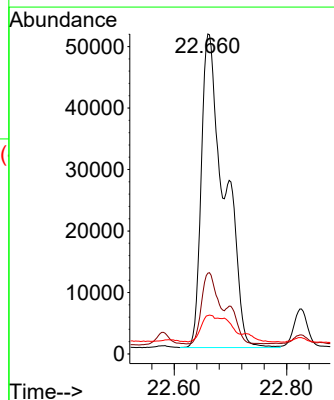
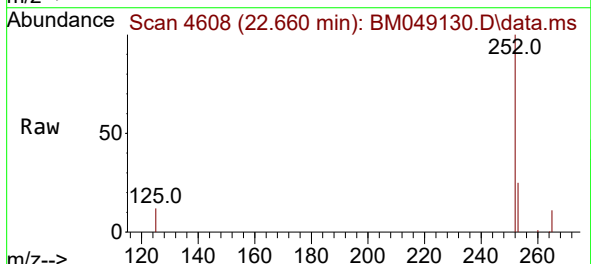
Instrument :
BNA_M
ClientSampleId :
E2901

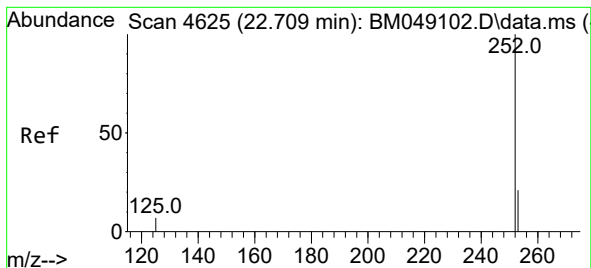
Tgt Ion:166 Resp: 2478
Ion Ratio Lower Upper
166 100
165 104.9 79.7 119.5
167 22.3 11.4 17.0#



#24
Benzo(b)fluoranthene
Concen: 1.501 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Tgt Ion:252 Resp: 146790
Ion Ratio Lower Upper
252 100
253 25.3 0.0 52.6
125 12.0 0.0 30.8





#25

Benzo(k)fluoranthene

Concen: 1.368 ng/ul

RT: 22.660 min Scan# 4

Delta R.T. -0.047 min

Lab File: BM049130.D

Acq: 21 Dec 2024 09:38

Instrument :

BNA_M

ClientSampleId :

E2901

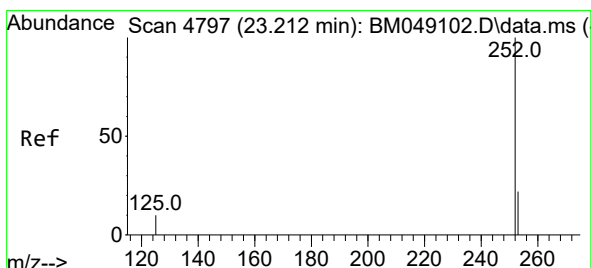
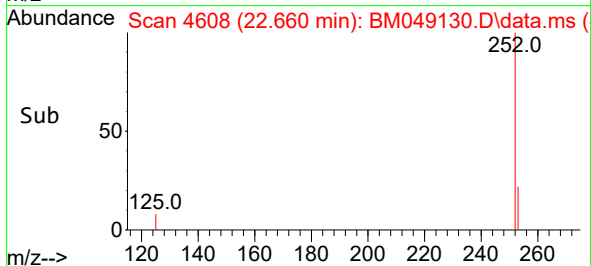
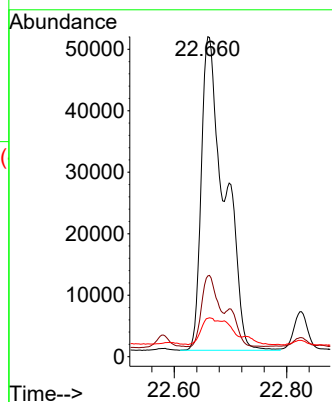
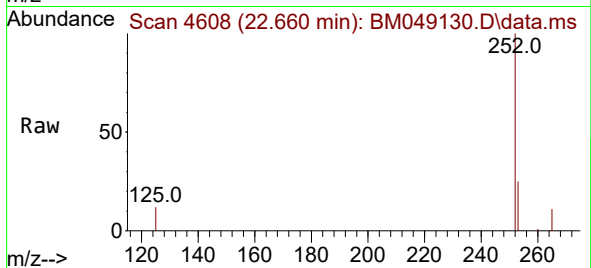
Tgt Ion:252 Resp: 146790

Ion Ratio Lower Upper

252 100

253 25.3 21.3 31.9

125 12.0 12.6 18.8#



#26

Benzo(a)pyrene

Concen: 0.569 ng/ul

RT: 23.116 min Scan# 4764

Delta R.T. -0.094 min

Lab File: BM049130.D

Acq: 21 Dec 2024 09:38

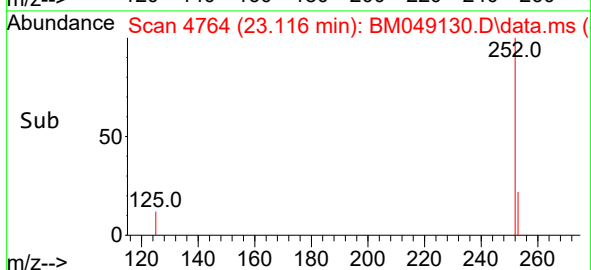
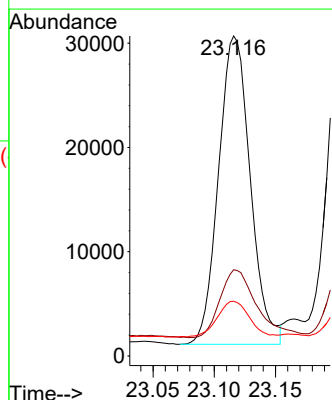
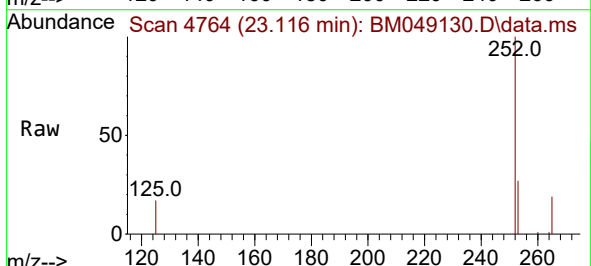
Tgt Ion:252 Resp: 53346

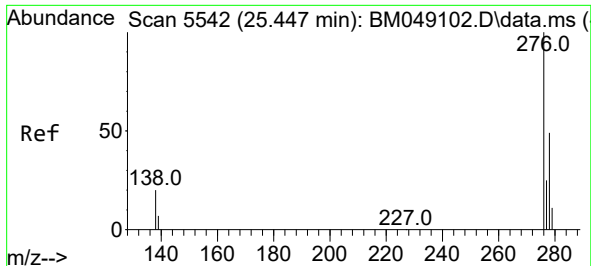
Ion Ratio Lower Upper

252 100

253 26.9 22.4 33.6

125 17.1 14.8 22.2

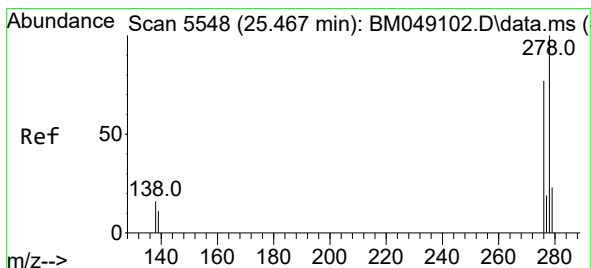
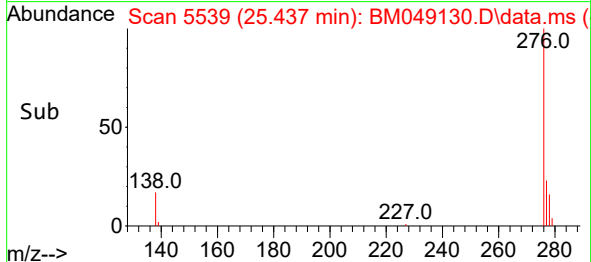
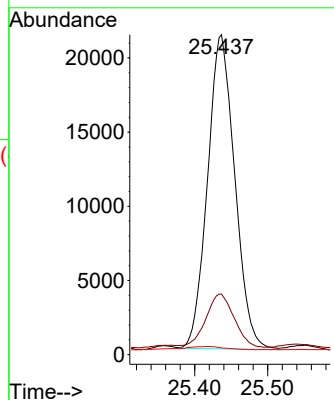
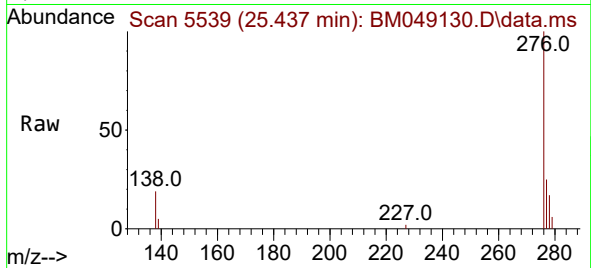




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.437 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

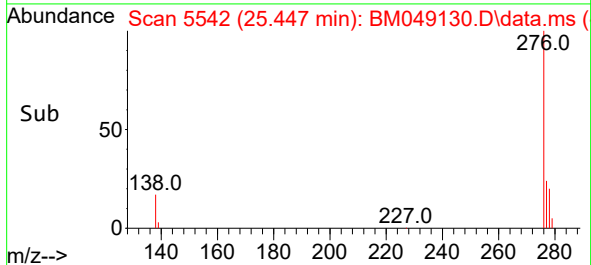
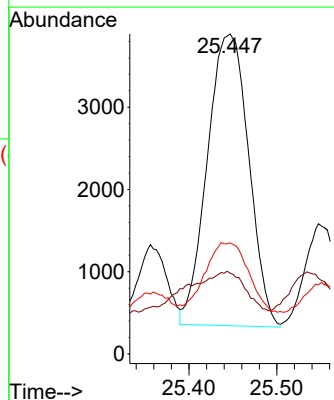
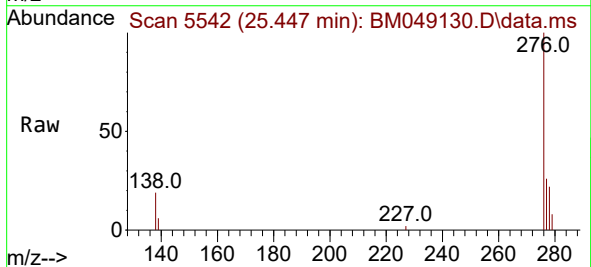
Instrument :
BNA_M
ClientSampleId :
E2901

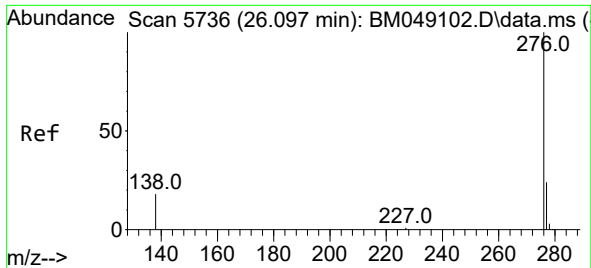
Tgt Ion:276 Resp: 54993
Ion Ratio Lower Upper
276 100
138 18.2 17.4 26.2
227 1.3 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 25.447 min Scan# 5542
Delta R.T. -0.021 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Tgt Ion:278 Resp: 11602
Ion Ratio Lower Upper
278 100
139 25.3 13.5 20.3#
279 34.7 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.559 ng/ul
RT: 26.091 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Instrument :
BNA_M
ClientSampleId :
E2901

Tgt Ion:276 Resp: 59639
Ion Ratio Lower Upper
276 100
138 19.8 16.7 25.1
277 24.8 19.9 29.9

