

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121824\
 Data File : BM049052.D
 Acq On : 18 Dec 2024 16:49
 Operator : RC/JU
 Sample : P5155-14DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28T9DL

Quant Time: Dec 18 17:25:46 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)

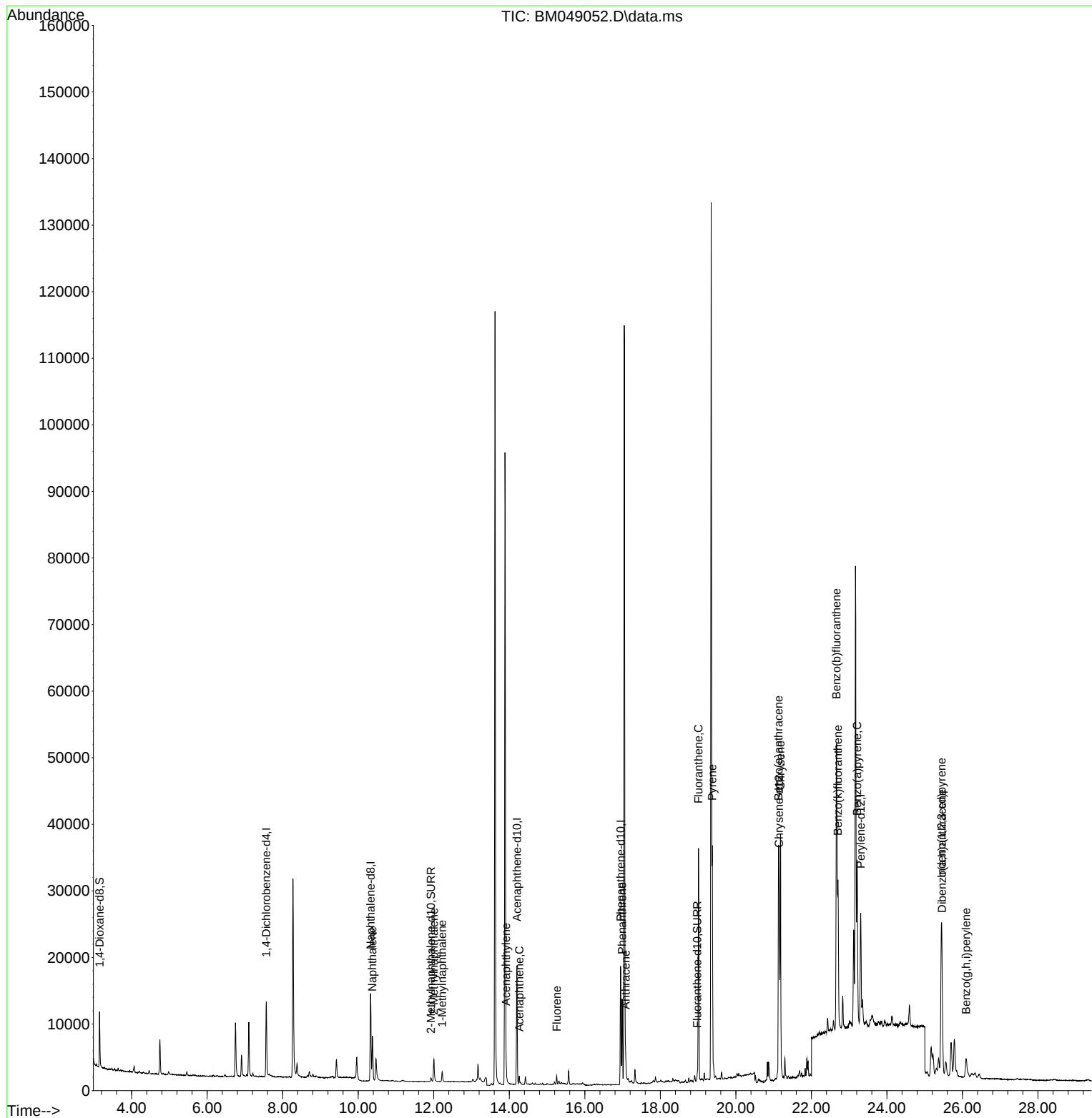
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.565	152	6158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	17773	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	10155	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	21126	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	18691	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	20316m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	4929	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	902	0.038	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	1568	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	8681	0.195	ng/ul	98
7) 2-Methylnaphthalene	12.003	142	2914	0.103	ng/ul	96
8) 1-Methylnaphthalene	12.223	142	1250	0.043	ng/ul	98
10) Acenaphthylene	13.915	152	1050	0.025	ng/ul#	79
11) Acenaphthene	14.266	153	764	0.025	ng/ul	95
12) Fluorene	15.256	166	695	0.020	ng/ul#	86
15) Phenanthrene	16.989	178	13361	0.242	ng/ul	99
16) Anthracene	17.082	178	2484	0.049	ng/ul#	88
19) Fluoranthene	19.011	202	30363	0.449	ng/ul	99
20) Pyrene	19.374	202	29891	0.415	ng/ul	99
21) Benzo(a)anthracene	21.131	228	26477	0.407	ng/ul	97
22) Chrysene	21.181	228	37890	0.543	ng/ul	96
24) Benzo(b)fluoranthene	22.665	252	67197m	1.035	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	23781m	0.334	ng/ul	
26) Benzo(a)pyrene	23.209	252	31565	0.507	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.447	276	35829	0.407	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.460	278	10166	0.149	ng/ul#	83
29) Benzo(g,h,i)perylene	26.097	276	6055	0.085	ng/ul#	77

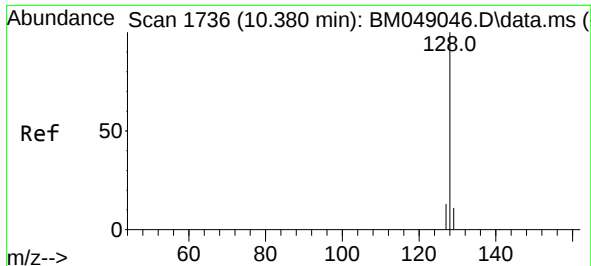
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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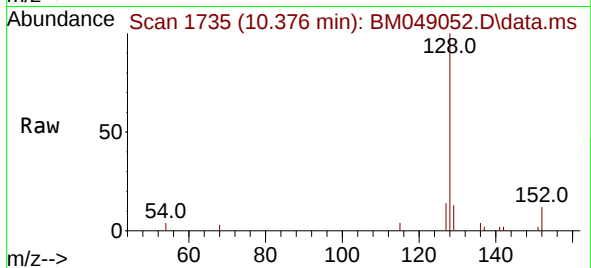
Quant Time: Dec 18 17:25:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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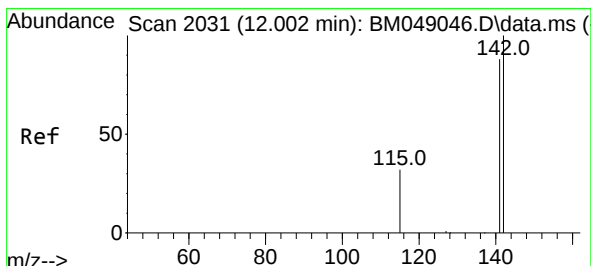
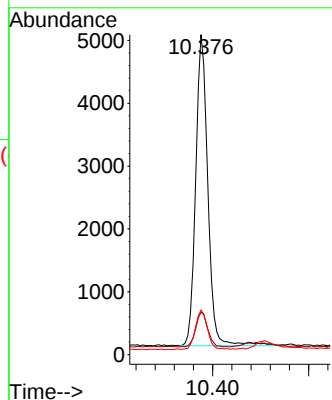
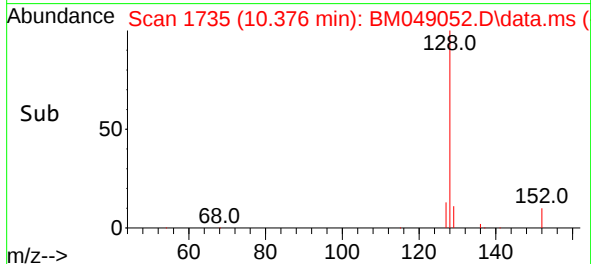


#5
Naphthalene
Concen: 0.195 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.004 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Instrument :
BNA_M
ClientSampleId :
E28T9DL

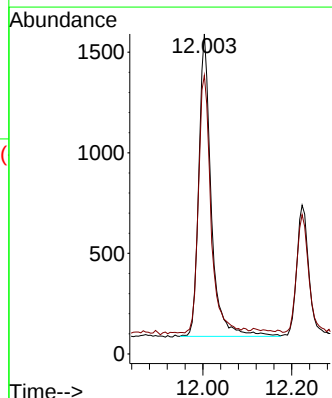
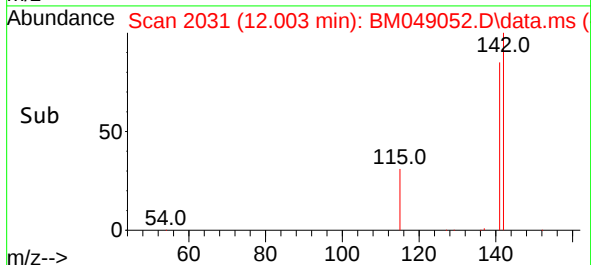
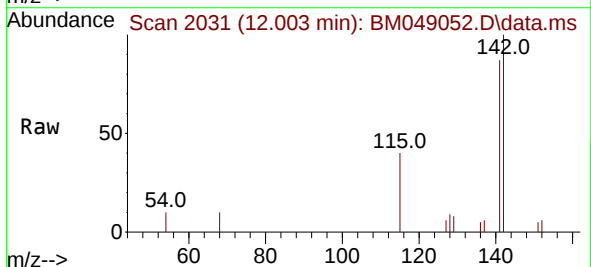


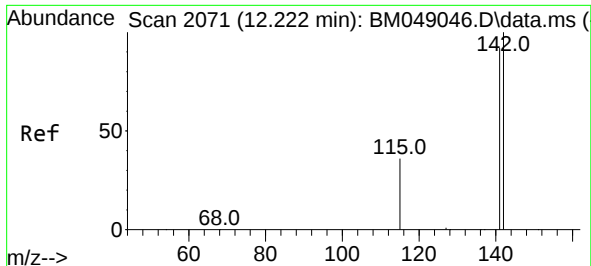
Tgt Ion:128 Resp: 8681
Ion Ratio Lower Upper
128 100
129 13.3 9.7 14.5
127 13.9 10.6 16.0



#7
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.003 min Scan# 2031
Delta R.T. 0.001 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Tgt Ion:142 Resp: 2914
Ion Ratio Lower Upper
142 100
141 85.7 71.7 107.5

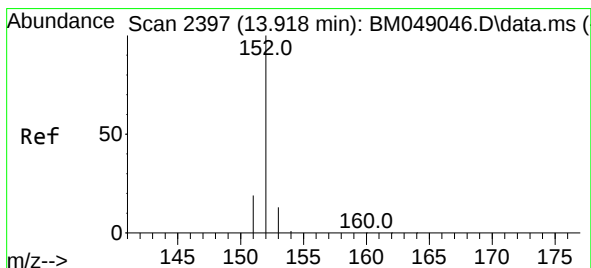
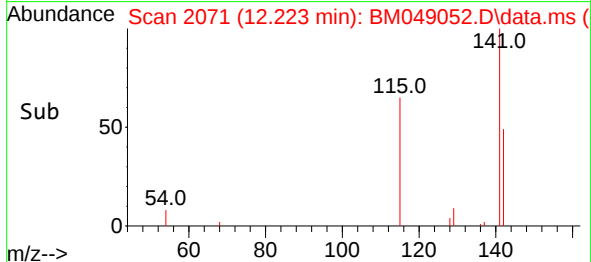
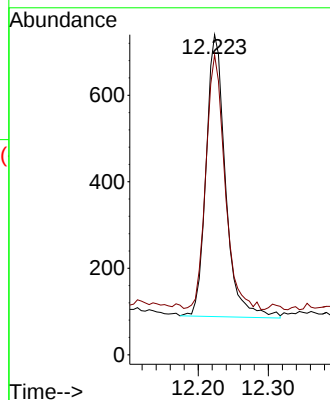
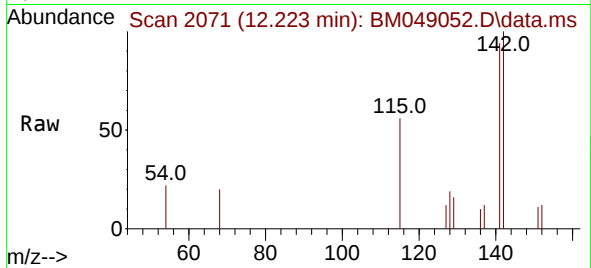




#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. 0.001 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

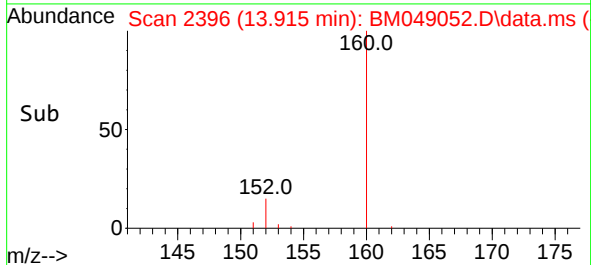
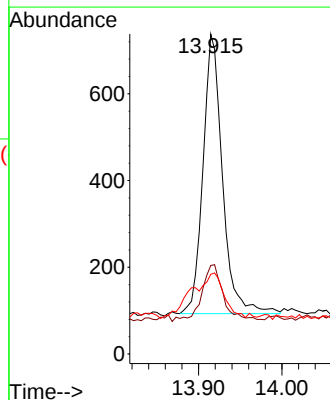
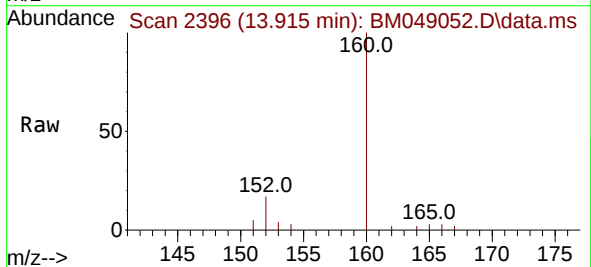
Instrument :
BNA_M
ClientSampleId :
E28T9DL

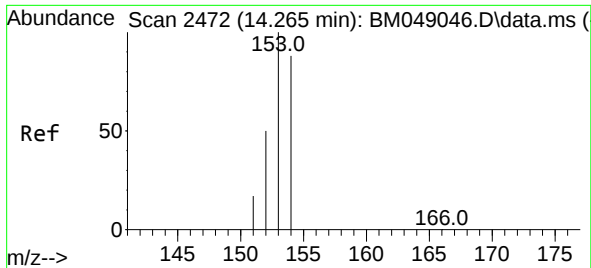
Tgt Ion:142 Resp: 1250
Ion Ratio Lower Upper
142 100
141 88.6 72.7 109.1



#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Tgt Ion:152 Resp: 1050
Ion Ratio Lower Upper
152 100
151 27.6 16.0 24.0#
153 24.9 11.0 16.6#

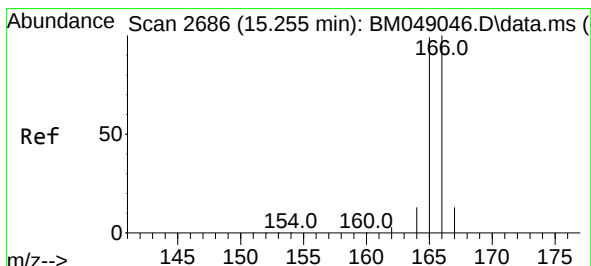
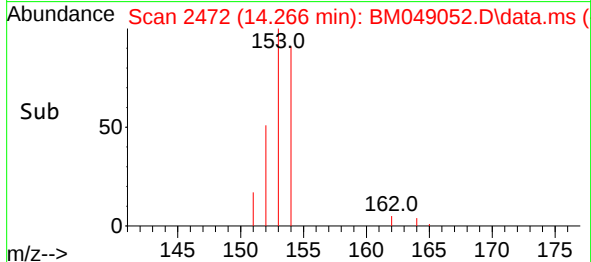
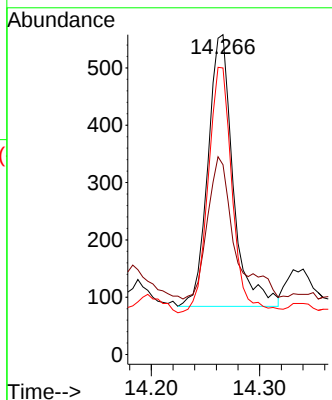
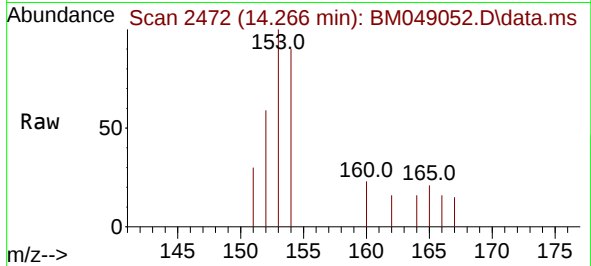




#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.266 min Scan# 2472
Delta R.T. 0.001 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

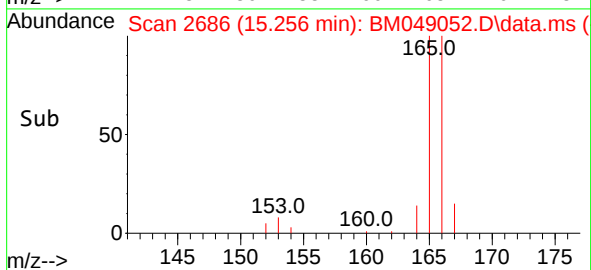
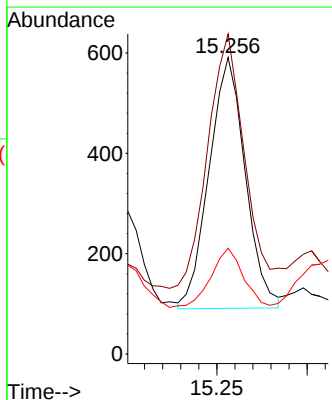
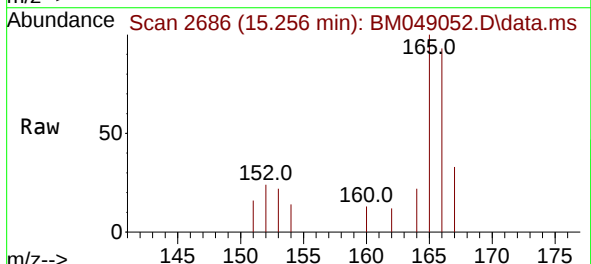
Instrument :
BNA_M
ClientSampleId :
E28T9DL

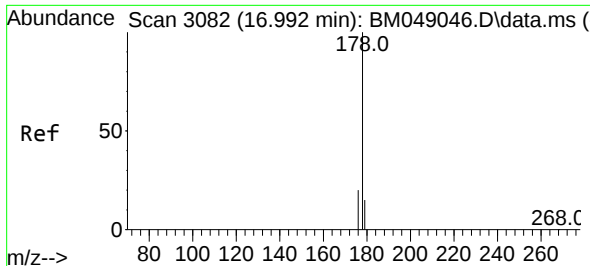
Tgt Ion:153	Resp:	764
Ion	Ratio	Lower Upper
153	100	
152	59.3	40.7 61.1
154	89.6	70.8 106.2



#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.256 min Scan# 2686
Delta R.T. 0.001 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Tgt Ion:166	Resp:	695
Ion	Ratio	Lower Upper
166	100	
165	108.0	79.7 119.5
167	35.7	11.4 17.0#

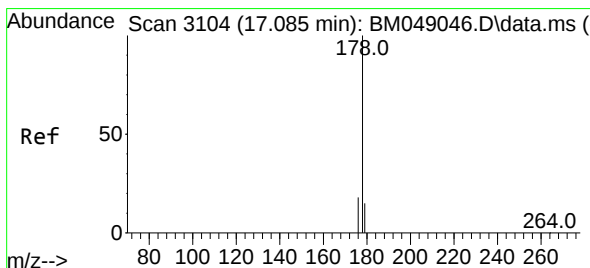
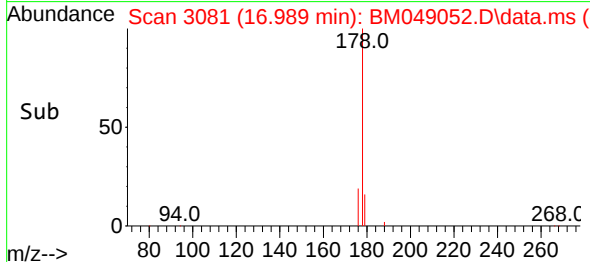
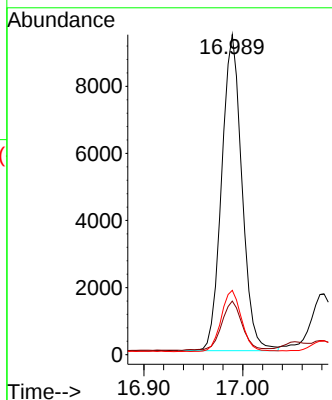
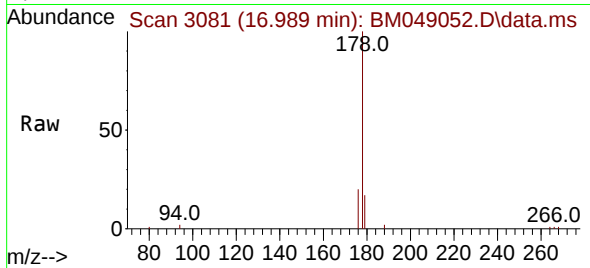




#15
Phenanthrene
Concen: 0.242 ng/ul
RT: 16.989 min Scan# 3081
Delta R.T. -0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

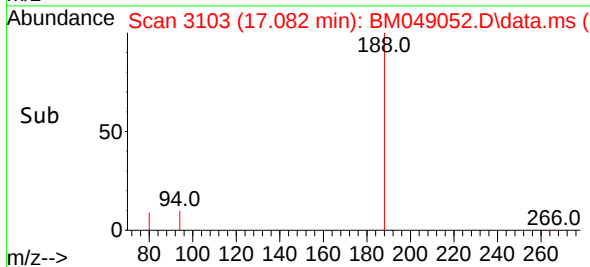
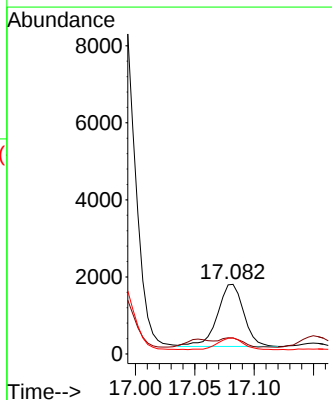
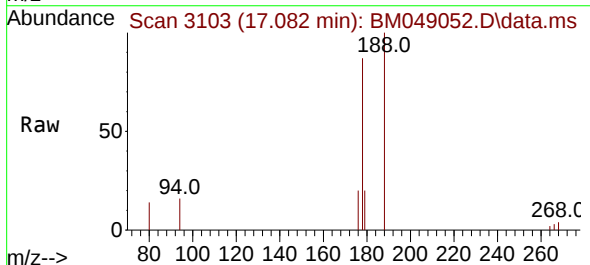
Instrument :
BNA_M
ClientSampleId :
E28T9DL

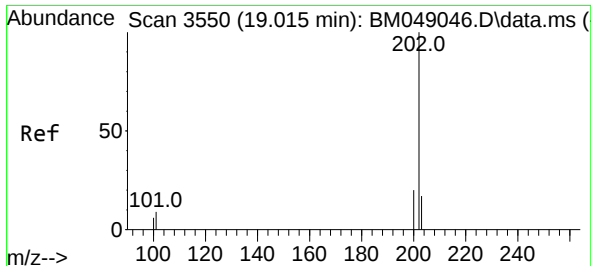
Tgt Ion:178 Resp: 13361
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.4
176 20.1 16.2 24.2



#16
Anthracene
Concen: 0.049 ng/ul
RT: 17.082 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Tgt Ion:178 Resp: 2484
Ion Ratio Lower Upper
178 100
179 23.0 12.9 19.3#
176 23.0 15.3 22.9#

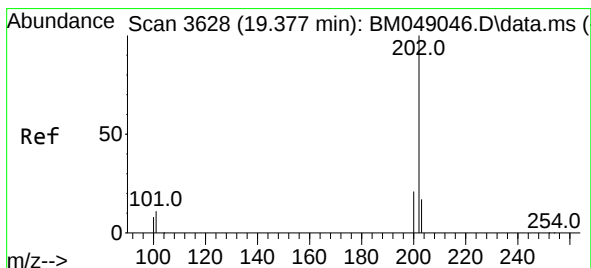
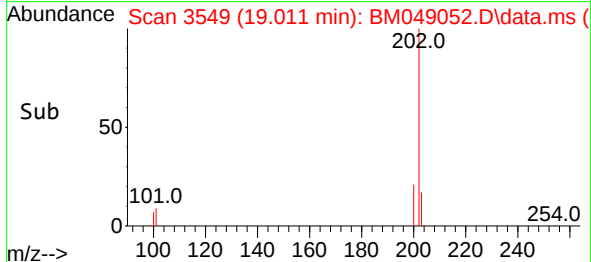
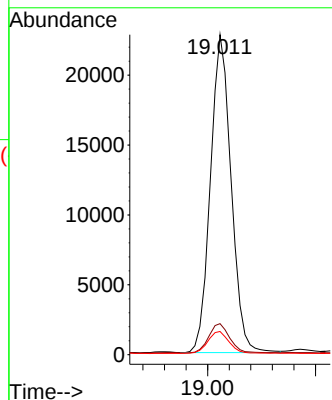
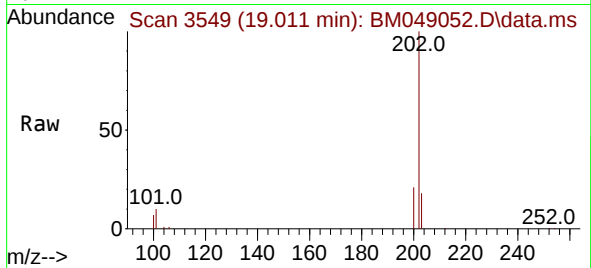




#19
Fluoranthene
Concen: 0.449 ng/ul
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

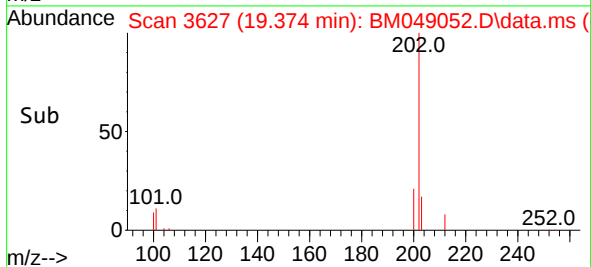
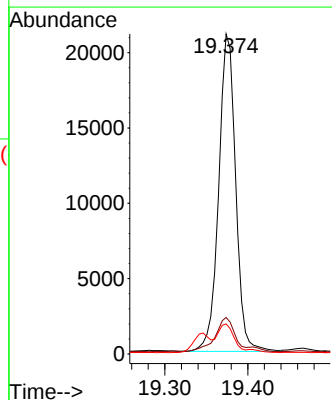
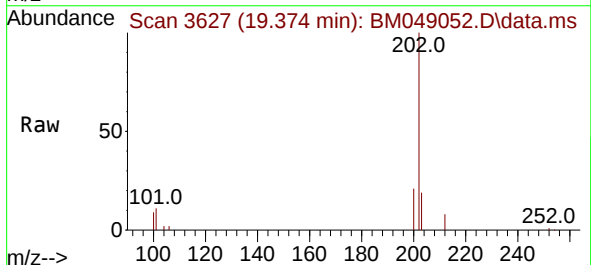
Instrument :
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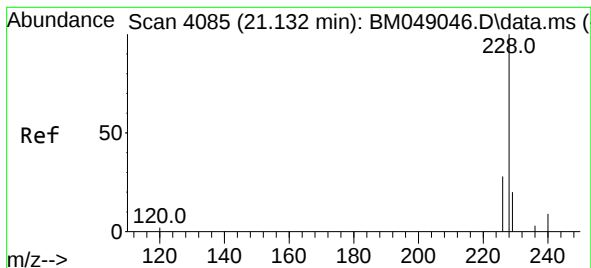
Tgt Ion:	202	Resp:	30363
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.6	11.4
100	7.3	5.5	8.3



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Tgt Ion:	202	Resp:	29891
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.9	13.3
100	9.4	6.9	10.3

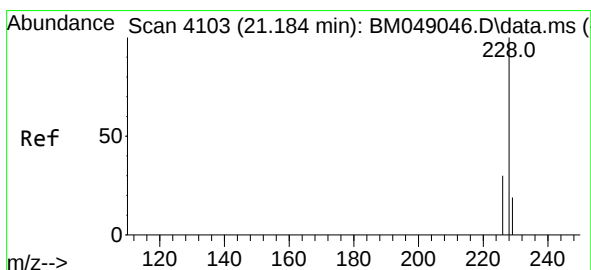
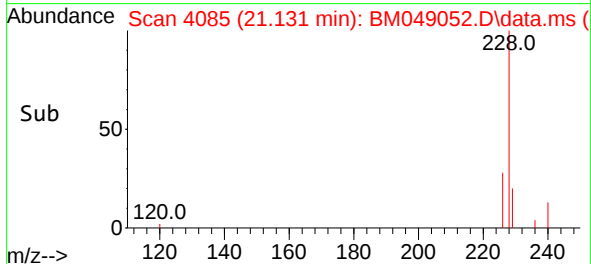
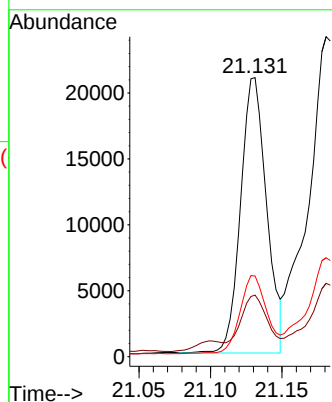
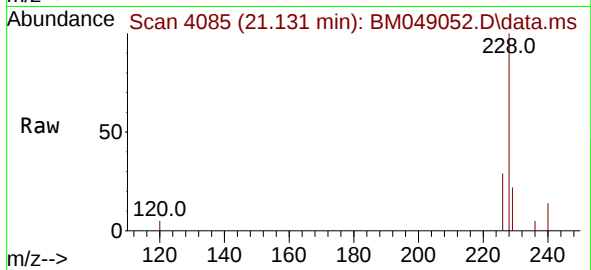




#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.000 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

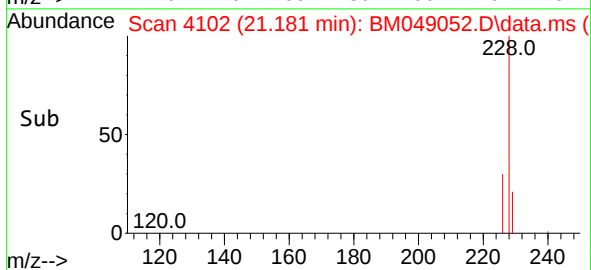
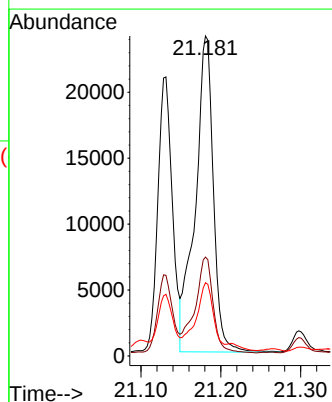
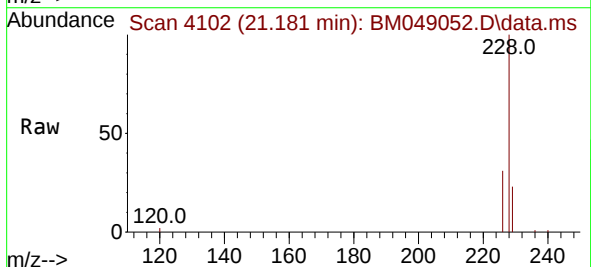
Instrument :
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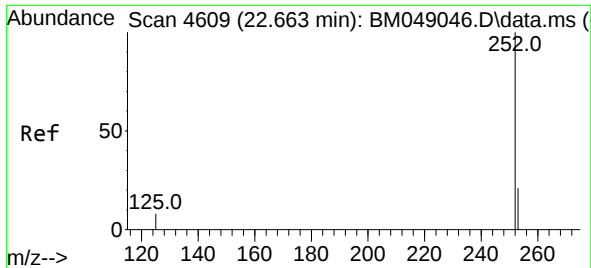
Tgt Ion:228 Resp: 26477
Ion Ratio Lower Upper
228 100
229 22.1 15.9 23.9
226 28.9 22.6 34.0



#22
Chrysene
Concen: 0.543 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Tgt Ion:228 Resp: 37890
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 22.9 15.8 23.8

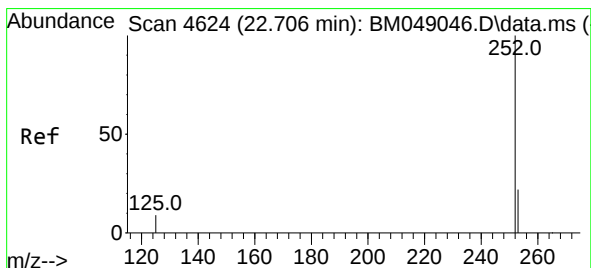
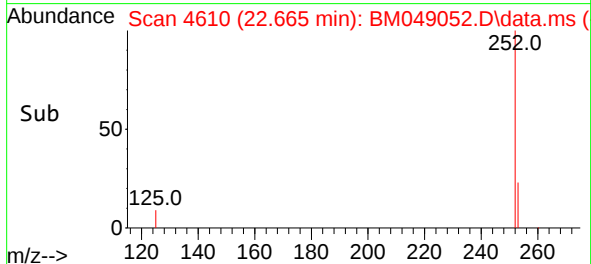
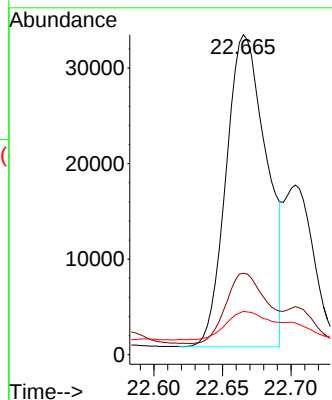
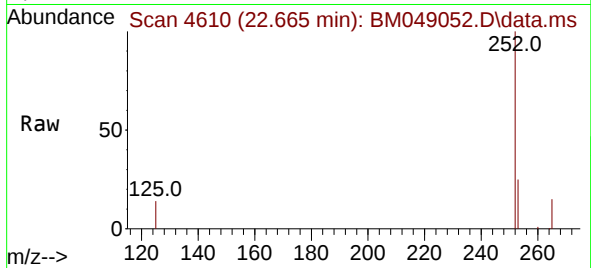




#24
Benzo(b)fluoranthene
Concen: 1.035 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

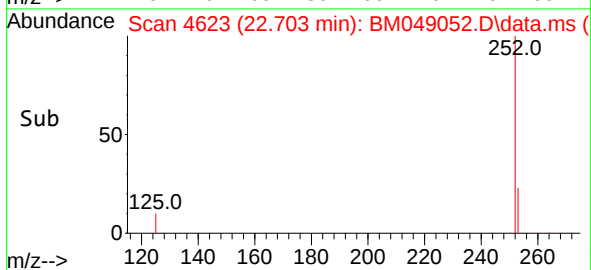
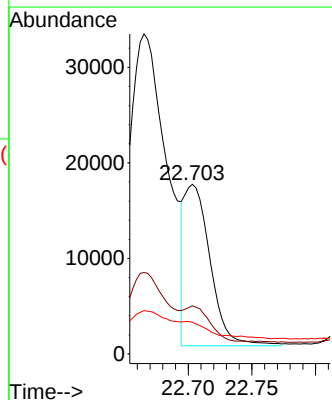
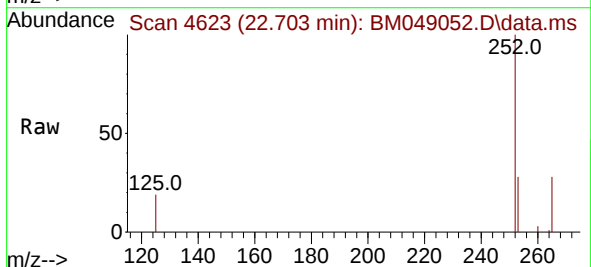
Instrument :
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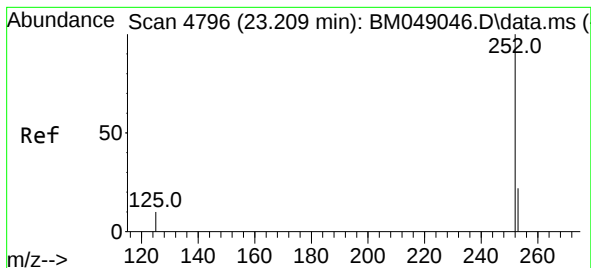
Tgt Ion:252 Resp: 67197
Ion Ratio Lower Upper
252 100
253 25.5 0.0 52.6
125 13.6 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.334 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Tgt Ion:252 Resp: 23781
Ion Ratio Lower Upper
252 100
253 28.4 21.3 31.9
125 18.7 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.507 ng/ul

RT: 23.209 min Scan# 4796

Delta R.T. -0.000 min

Lab File: BM049052.D

Acq: 18 Dec 2024 16:49

Instrument :

BNA_M

ClientSampleId :

E28T9DL

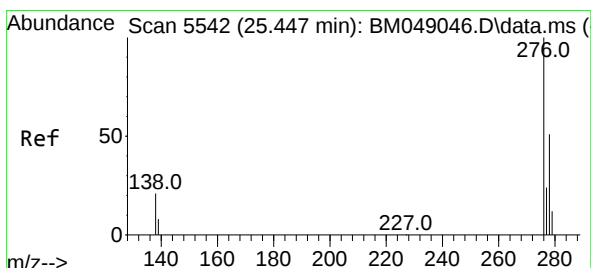
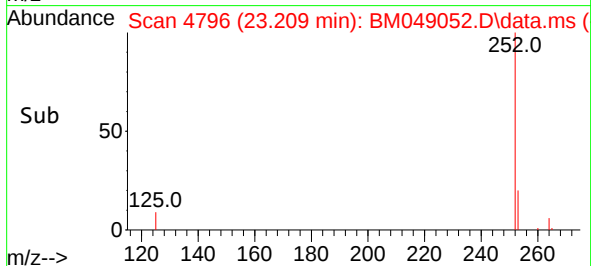
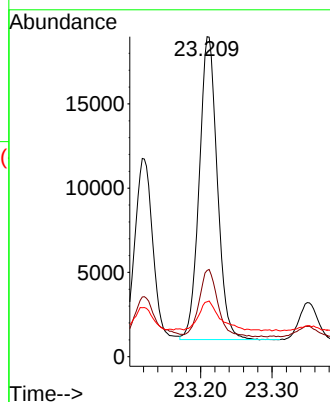
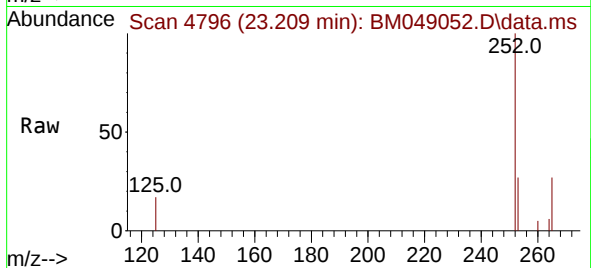
Tgt Ion:252 Resp: 31565

Ion Ratio Lower Upper

252 100

253 27.0 22.4 33.6

125 17.2 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.407 ng/ul

RT: 25.447 min Scan# 5542

Delta R.T. -0.000 min

Lab File: BM049052.D

Acq: 18 Dec 2024 16:49

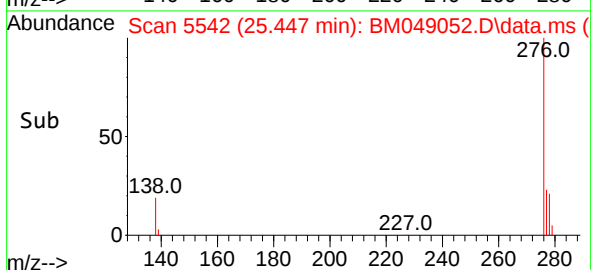
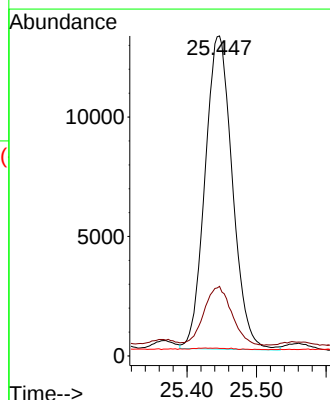
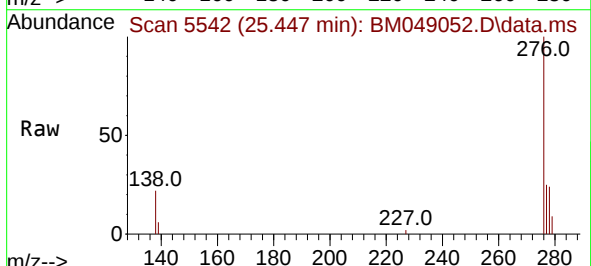
Tgt Ion:276 Resp: 35829

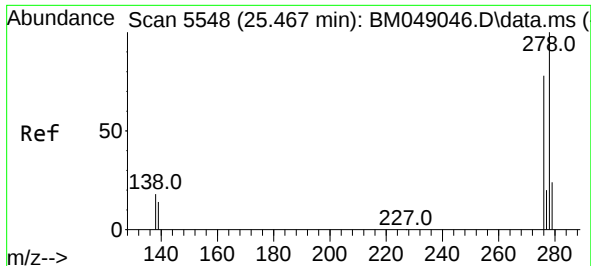
Ion Ratio Lower Upper

276 100

138 19.0 17.4 26.2

227 0.0 0.2 0.2#

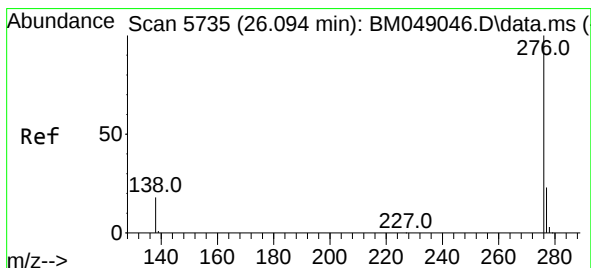
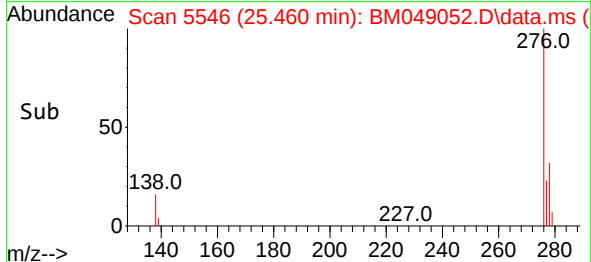
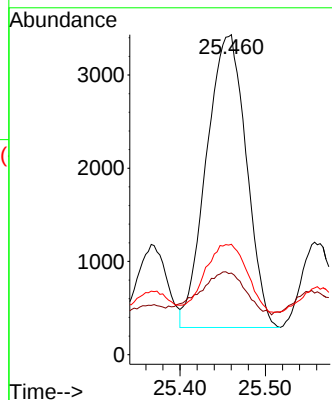
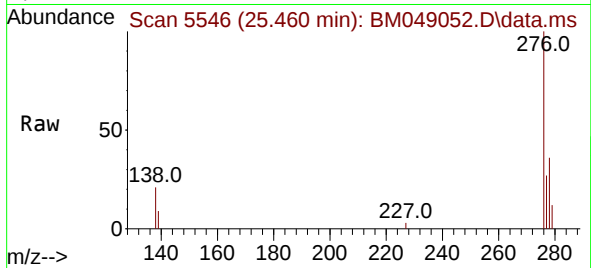




#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.460 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Instrument :
BNA_M
ClientSampleId :
E28T9DL

Tgt Ion:278 Resp: 10166
Ion Ratio Lower Upper
278 100
139 25.5 13.5 20.3#
279 34.5 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul
RT: 26.097 min Scan# 5736
Delta R.T. 0.003 min
Lab File: BM049052.D
Acq: 18 Dec 2024 16:49

Tgt Ion:276 Resp: 6055
Ion Ratio Lower Upper
276 100
138 35.6 16.7 25.1#
277 32.5 19.9 29.9#

