

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049151.D
 Acq On : 23 Dec 2024 17:58
 Operator : RC/JU
 Sample : P5305-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AX4MS

Quant Time: Dec 23 22:58:27 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

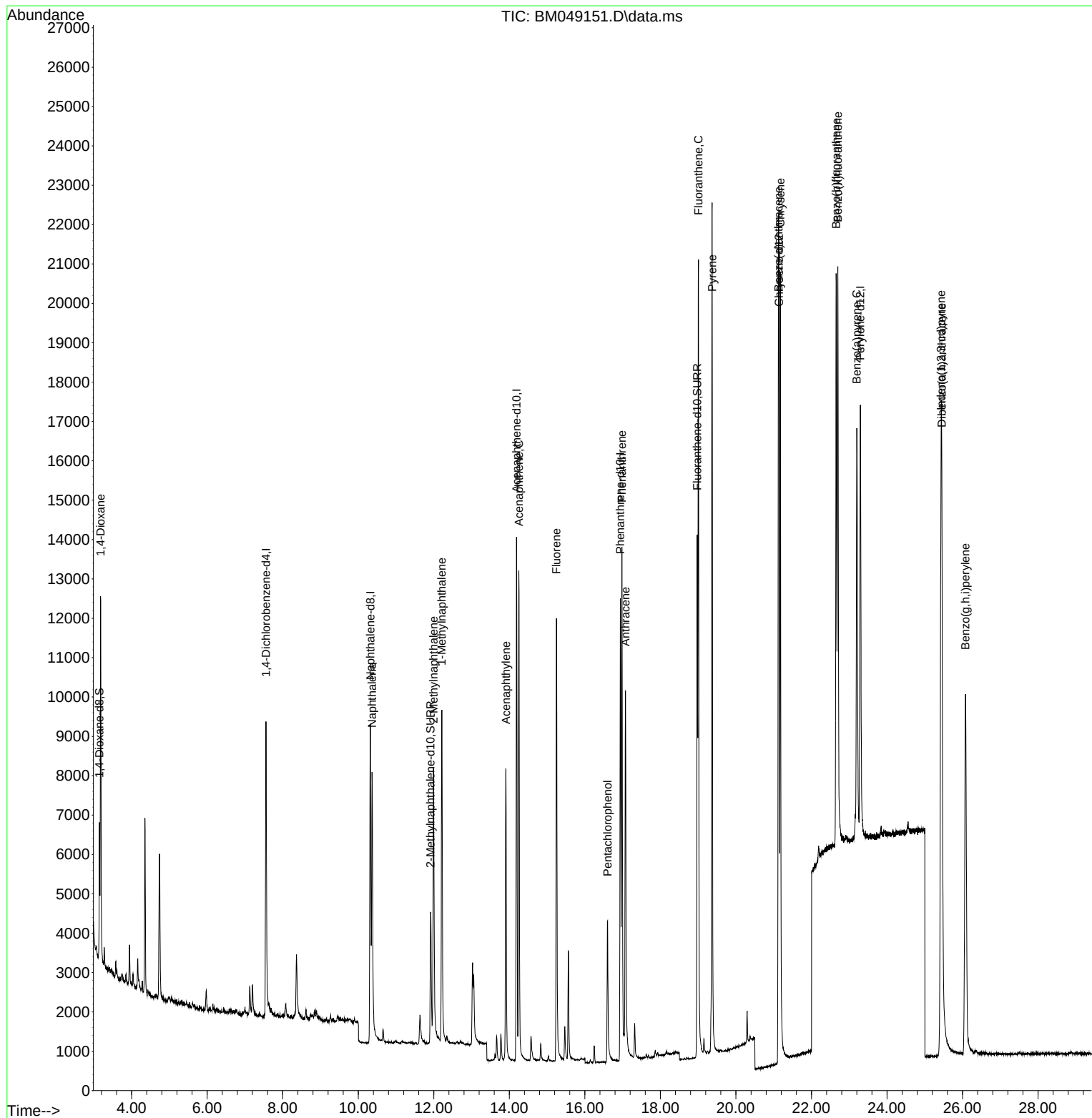
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	4870	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.321	136	13825	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.192	164	7924	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	16217	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	13623	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	15052	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	1991	0.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	6105	0.329	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	16699	0.432	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	5954	0.907	ng/ul#	81
5) Naphthalene	10.365	128	10774	0.311	ng/ul	98
7) 2-Methylnaphthalene	11.992	142	6625	0.302	ng/ul	99
8) 1-Methylnaphthalene	12.212	142	6836	0.304	ng/ul	100
10) Acenaphthylene	13.910	152	9693	0.295	ng/ul	99
11) Acenaphthene	14.252	153	7535	0.314	ng/ul	98
12) Fluorene	15.247	166	8753	0.324	ng/ul	99
14) Pentachlorophenol	16.601	266	3109	0.693	ng/ul	94
15) Phenanthrene	16.981	178	14563	0.344	ng/ul	99
16) Anthracene	17.074	178	12297	0.316	ng/ul	99
19) Fluoranthene	19.007	202	19094	0.388	ng/ul	99
20) Pyrene	19.369	202	20295	0.386	ng/ul	99
21) Benzo(a)anthracene	21.125	228	17369	0.367	ng/ul	100
22) Chrysene	21.175	228	19673	0.387	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	18719	0.389	ng/ul	98
25) Benzo(k)fluoranthene	22.697	252	20627	0.391	ng/ul	99
26) Benzo(a)pyrene	23.200	252	16859	0.366	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.430	276	24646	0.378	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.450	278	19214	0.379	ng/ul	99
29) Benzo(g,h,i)perylene	26.077	276	20157	0.384	ng/ul	99

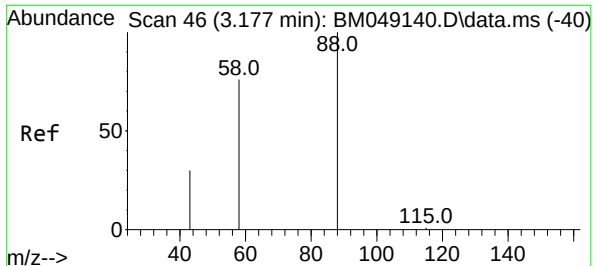
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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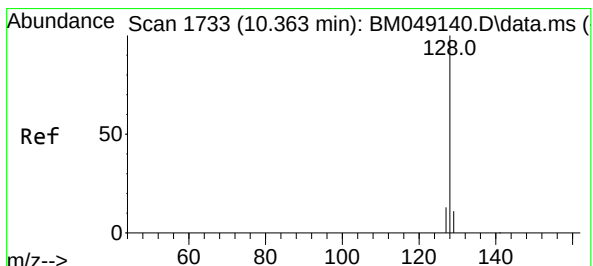
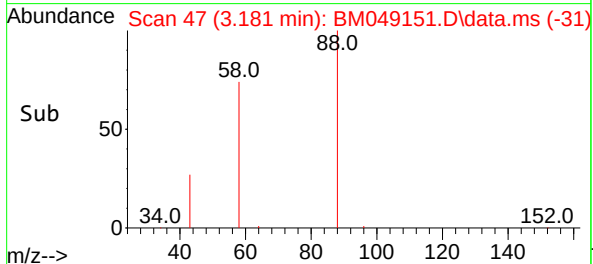
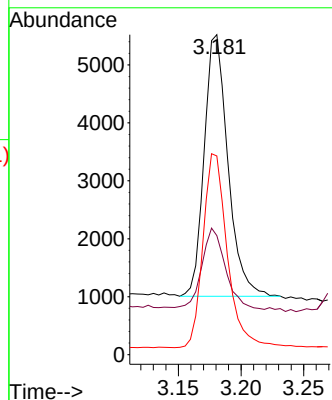
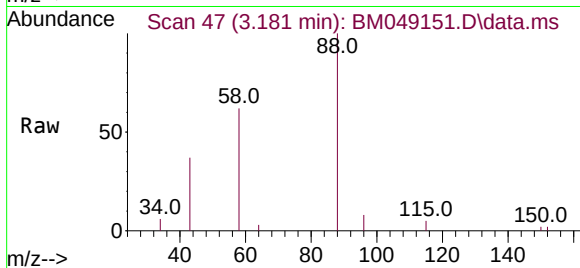




#2
1,4-Dioxane
Concen: 0.907 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

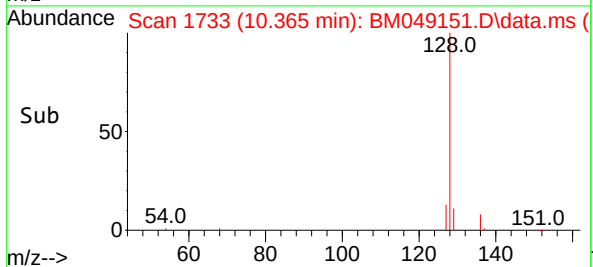
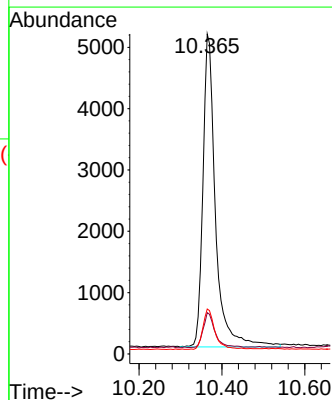
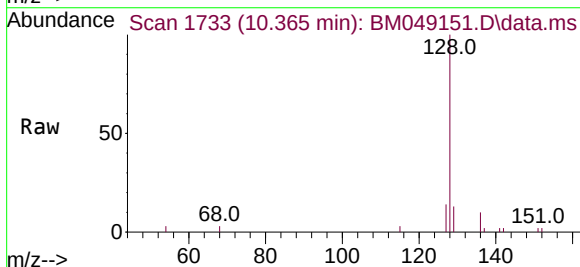
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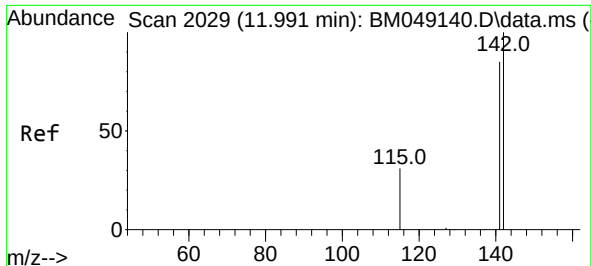
Tgt Ion: 88 Resp: 5954
Ion Ratio Lower Upper
88 100
43 37.2 45.4 68.2#
58 62.1 43.6 65.4



#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.015 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Tgt Ion: 128 Resp: 10774
Ion Ratio Lower Upper
128 100
129 12.9 9.7 14.5
127 14.1 10.6 16.0

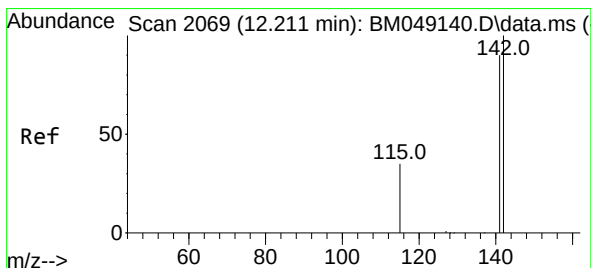
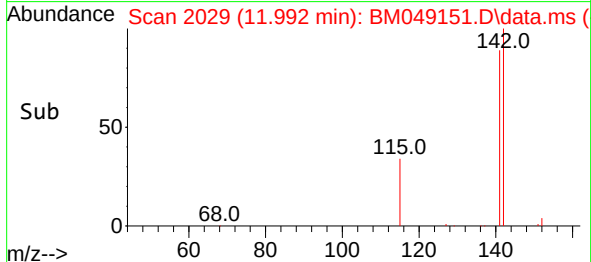
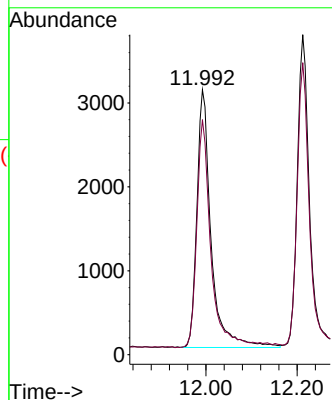
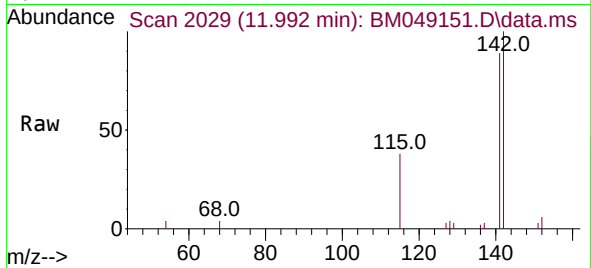




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

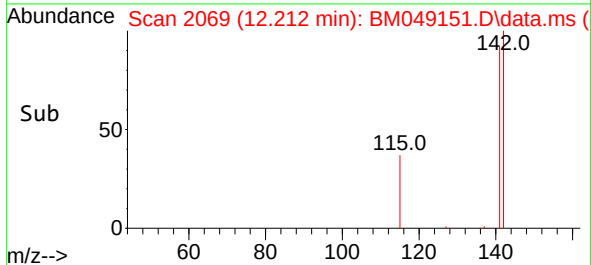
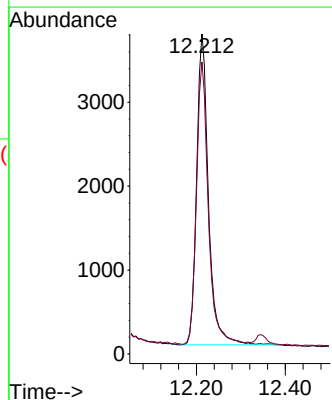
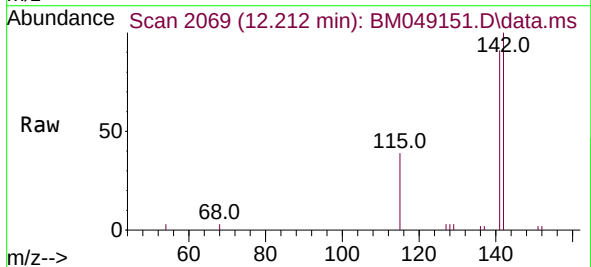
Instrument :
BNA_M
ClientSampleId :
E2AX4MS

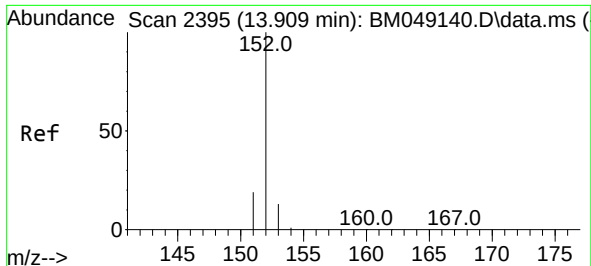
Tgt Ion:142 Resp: 6625
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. -0.010 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Tgt Ion:142 Resp: 6836
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1

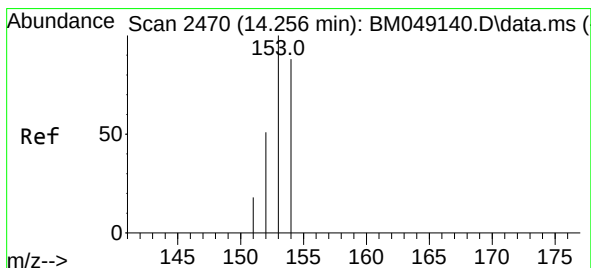
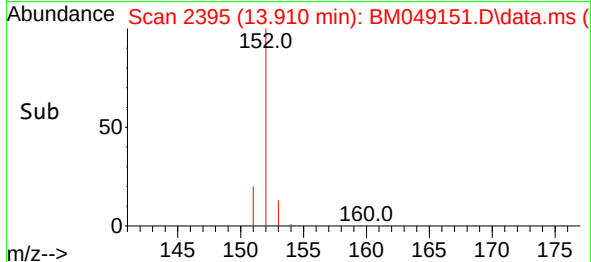
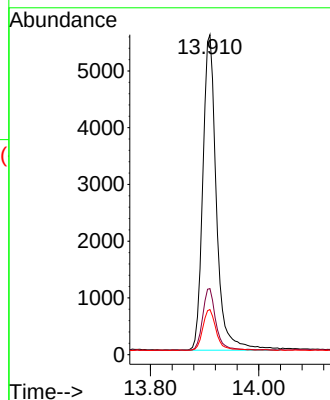
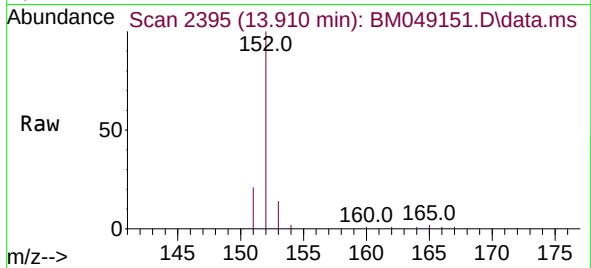




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 13.910 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

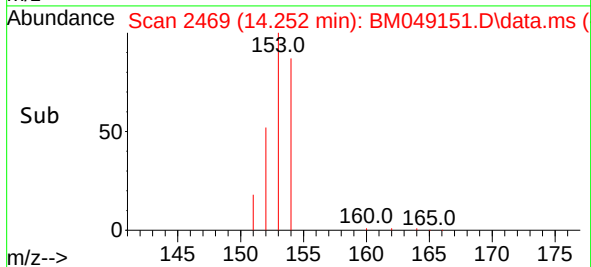
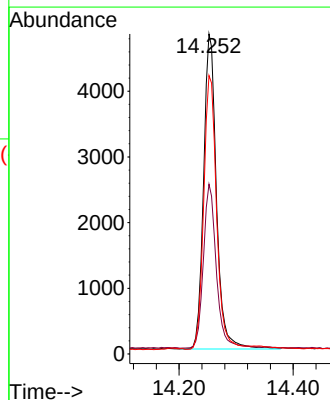
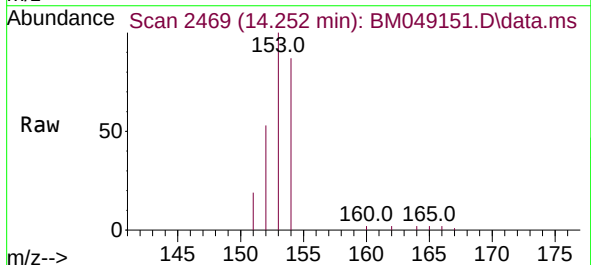
Instrument :
BNA_M
ClientSampleId :
E2AX4MS

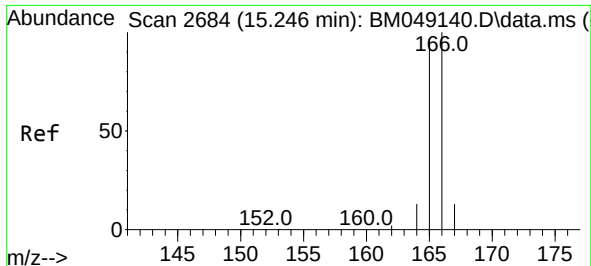
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.0	24.0
153	14.1	11.0	16.6



#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.252 min Scan# 2469
Delta R.T. -0.013 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.0	40.7	61.1
154	87.0	70.8	106.2

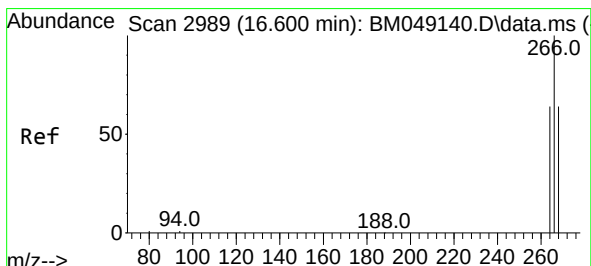
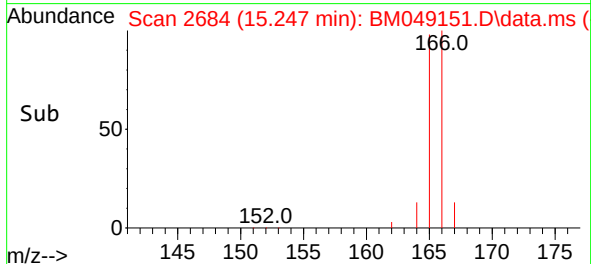
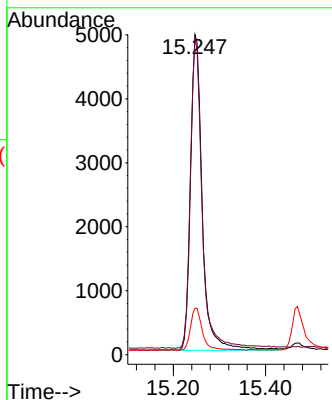
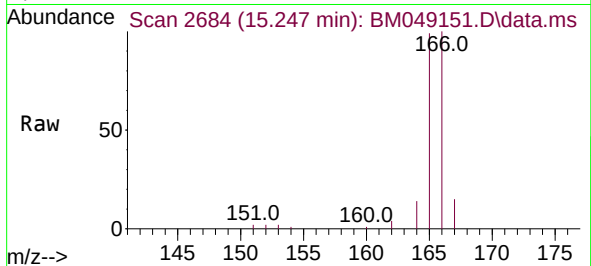




#12
 Fluorene
 Concen: 0.324 ng/ul
 RT: 15.247 min Scan# 20
 Delta R.T. -0.008 min
 Lab File: BM049151.D
 Acq: 23 Dec 2024 17:58

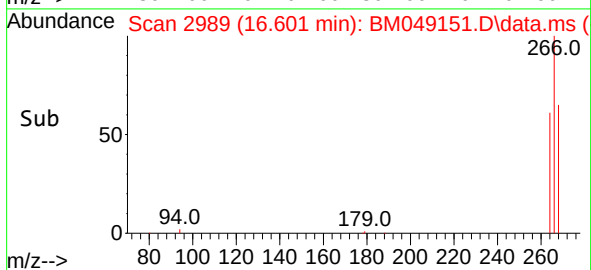
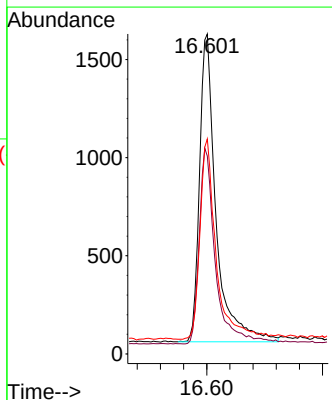
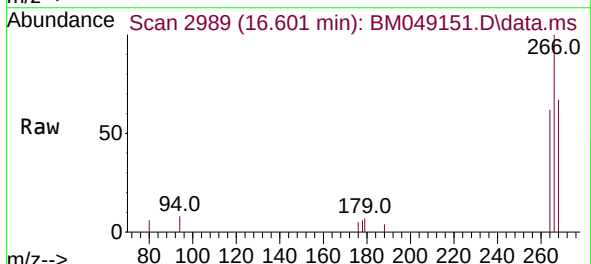
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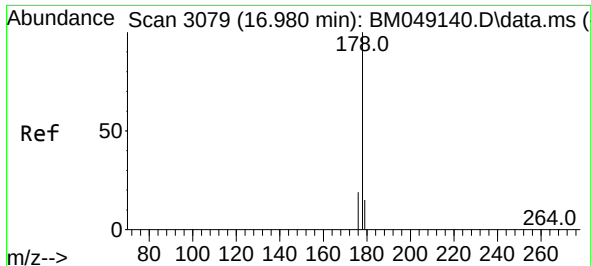
Tgt Ion:166 Resp: 8753
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.7 119.5
 167 14.5 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.693 ng/ul
 RT: 16.601 min Scan# 2989
 Delta R.T. -0.007 min
 Lab File: BM049151.D
 Acq: 23 Dec 2024 17:58

Tgt Ion:266 Resp: 3109
 Ion Ratio Lower Upper
 266 100
 264 63.9 48.3 72.5
 268 64.8 47.5 71.3

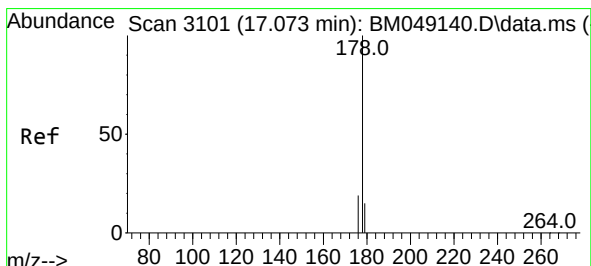
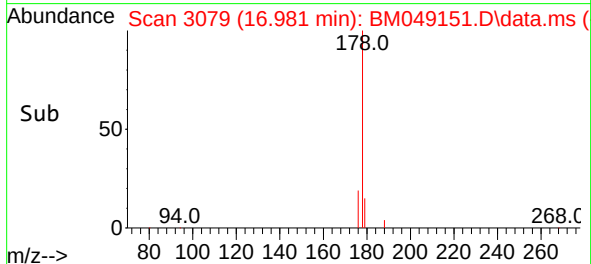
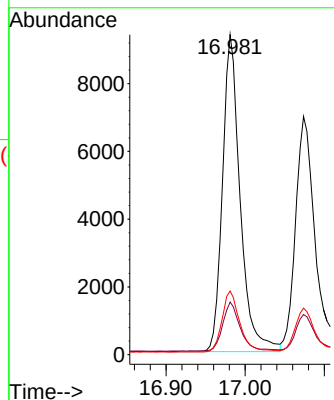
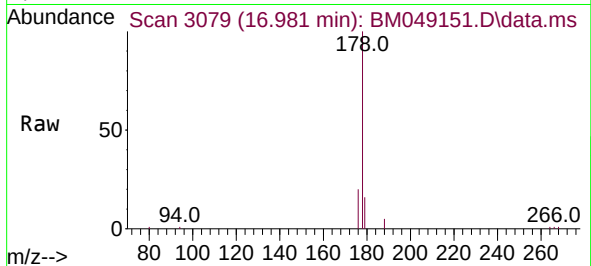




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 16.981 min Scan# 3079
Delta R.T. -0.011 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

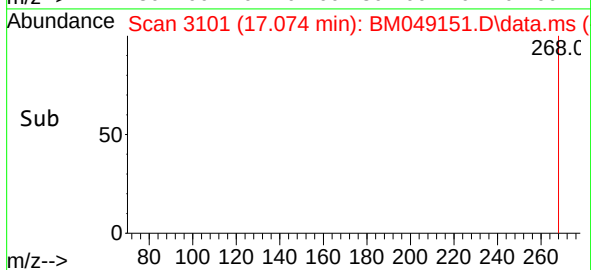
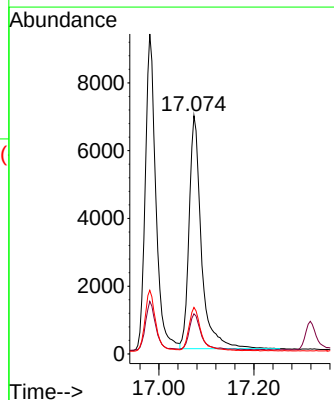
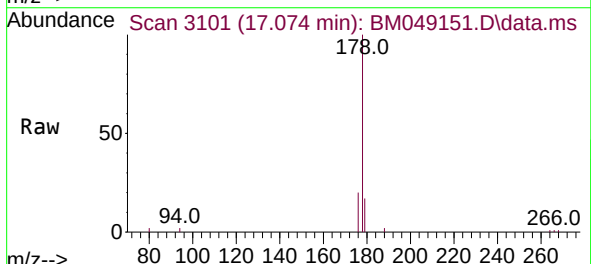
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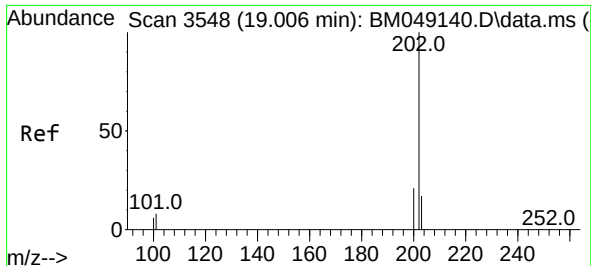
Tgt Ion:178	Resp:	14563
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.0 19.4
176	19.9	16.2 24.2



#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Tgt Ion:178	Resp:	12297
Ion Ratio	Lower	Upper
178	100	
179	16.9	12.9 19.3
176	19.5	15.3 22.9

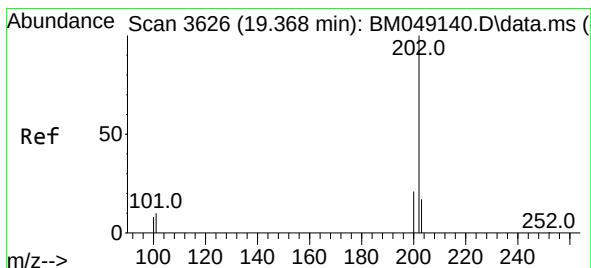
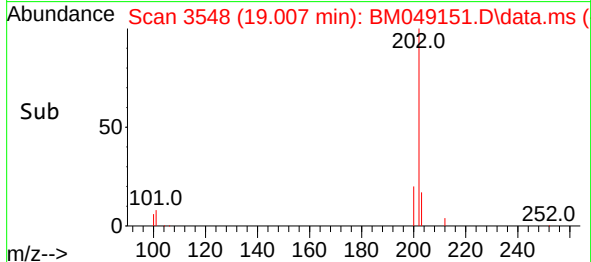
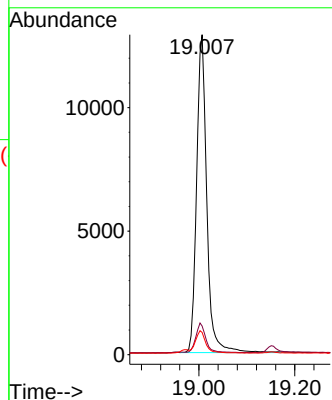
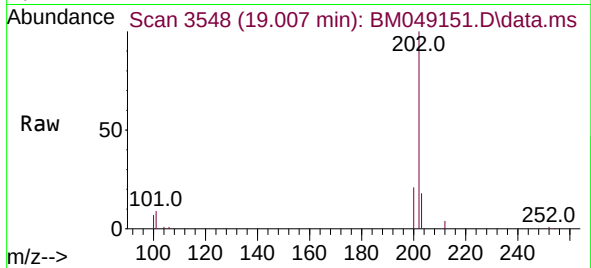




#19
Fluoranthene
Concen: 0.388 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. -0.008 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

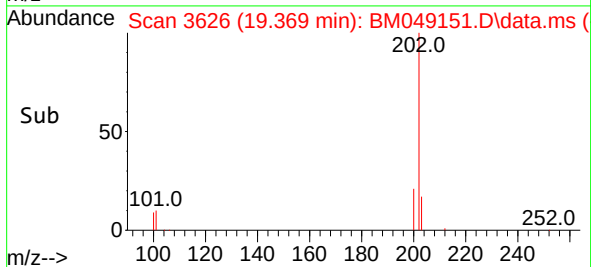
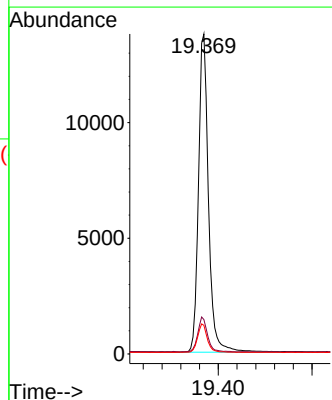
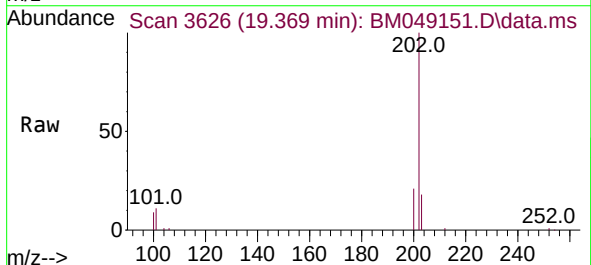
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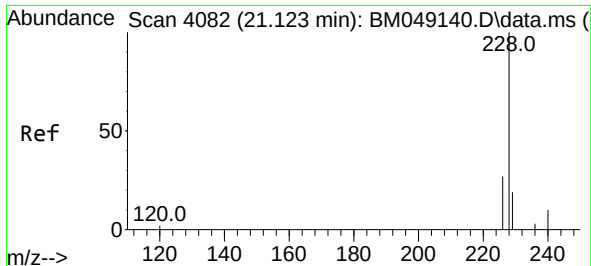
Tgt Ion:202 Resp: 19094
Ion Ratio Lower Upper
202 100
101 9.0 7.6 11.4
100 7.0 5.5 8.3



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.369 min Scan# 3626
Delta R.T. -0.008 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Tgt Ion:202 Resp: 20295
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 9.0 6.9 10.3

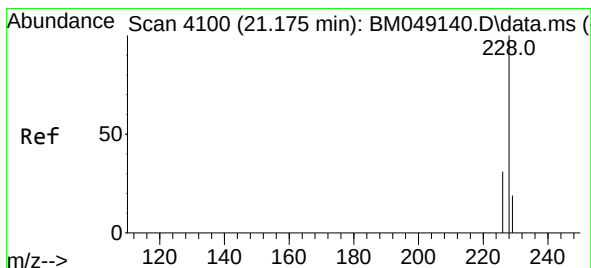
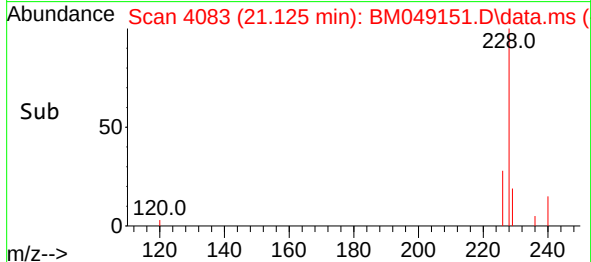
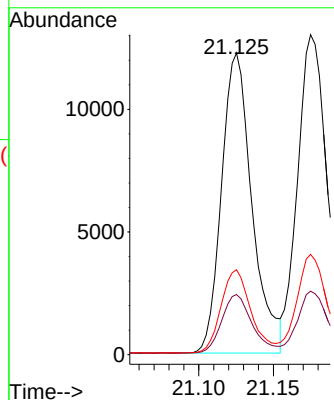
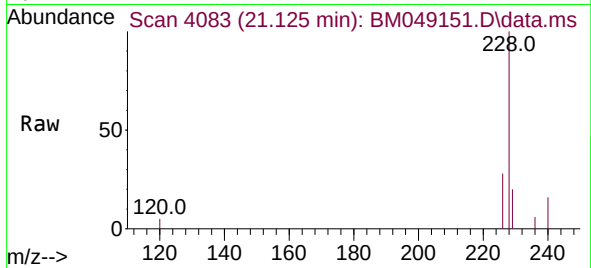




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.125 min Scan# 4082
Delta R.T. -0.006 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

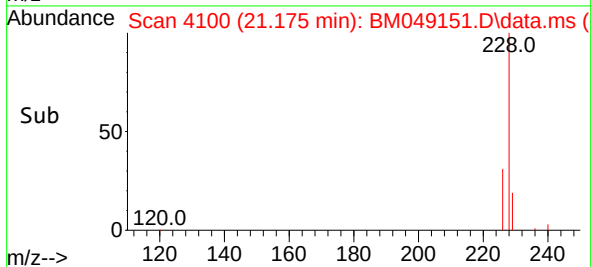
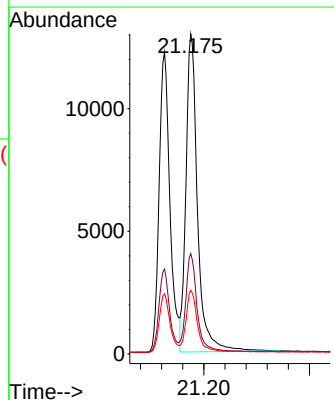
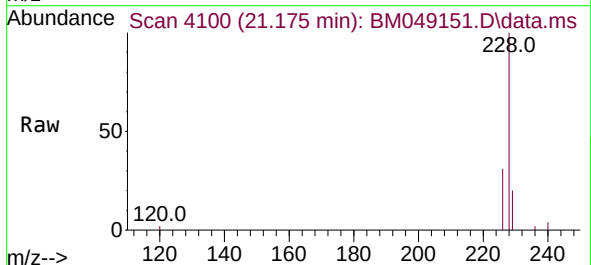
Instrument :
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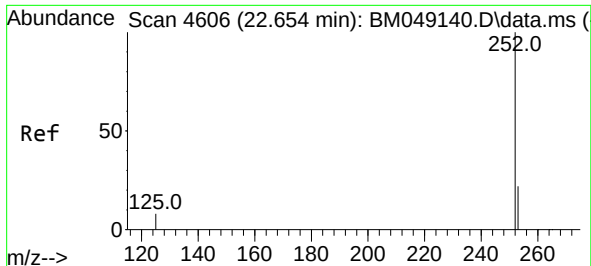
Tgt Ion:228 Resp: 17369
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 28.2 22.6 34.0



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Tgt Ion:228 Resp: 19673
Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 19.9 15.8 23.8

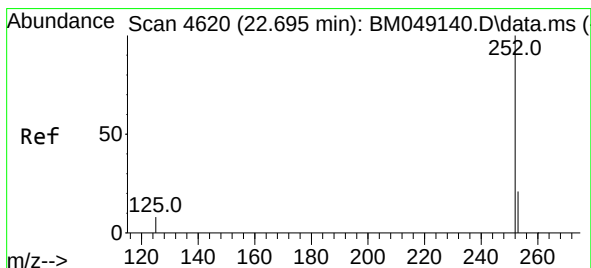
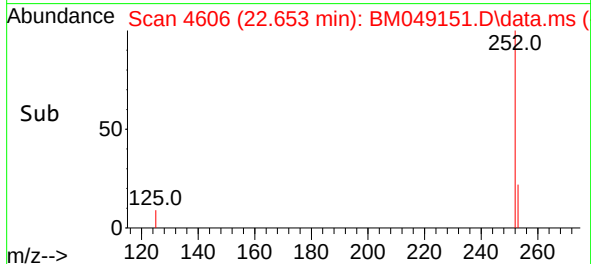
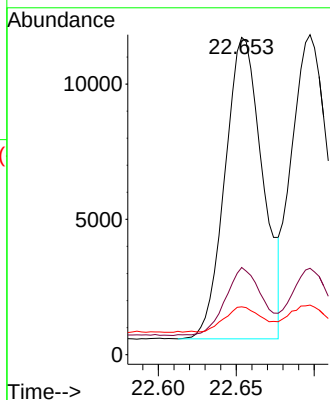
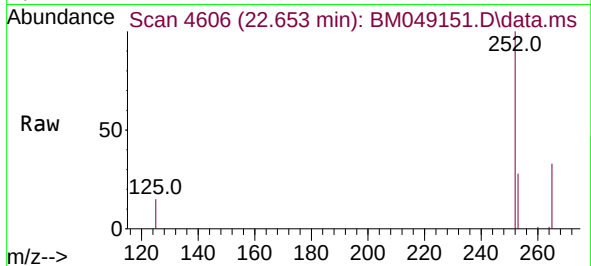




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

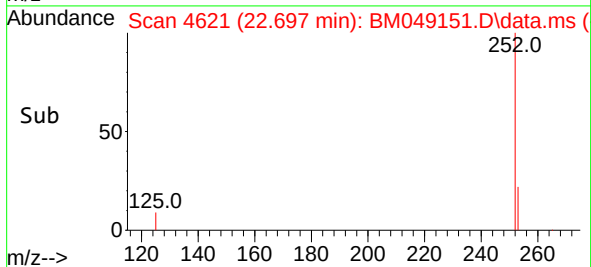
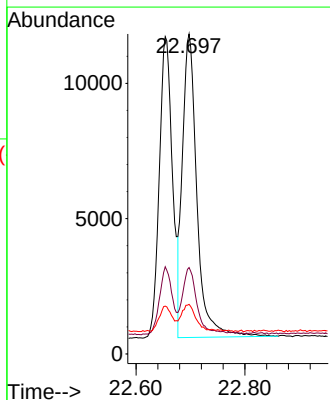
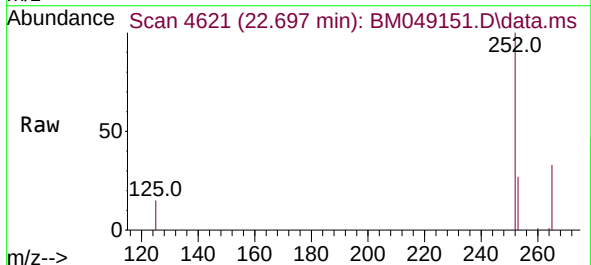
Instrument :
BNA_M
ClientSampleId :
E2AX4MS

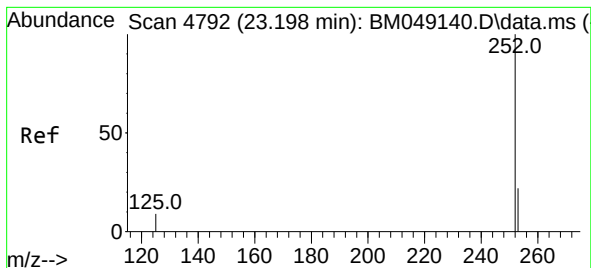
Tgt Ion:252 Resp: 18719
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.6
125 15.1 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 22.697 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Tgt Ion:252 Resp: 20627
Ion Ratio Lower Upper
252 100
253 27.0 21.3 31.9
125 15.5 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 23.200 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM049151.D

Acq: 23 Dec 2024 17:58

Instrument :

BNA_M

ClientSampleId :

E2AX4MS

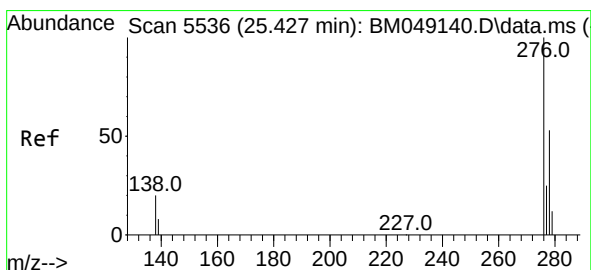
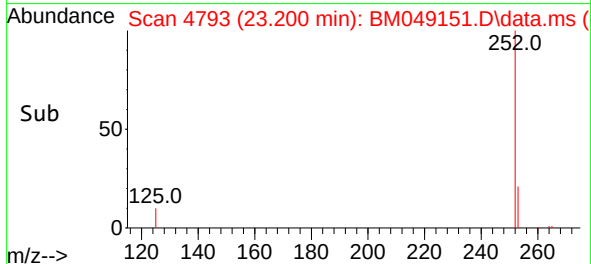
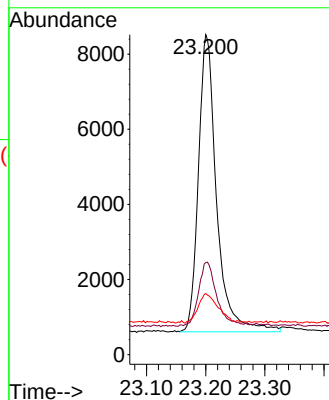
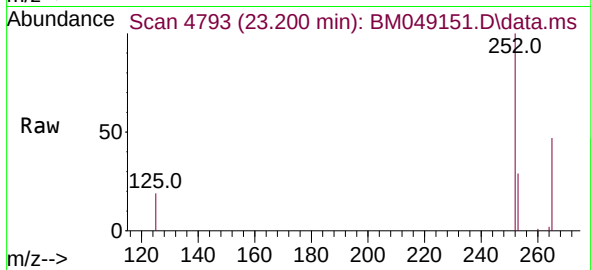
Tgt Ion:252 Resp: 16859

Ion Ratio Lower Upper

252 100

253 28.8 22.4 33.6

125 19.1 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng/ul

RT: 25.430 min Scan# 5537

Delta R.T. -0.017 min

Lab File: BM049151.D

Acq: 23 Dec 2024 17:58

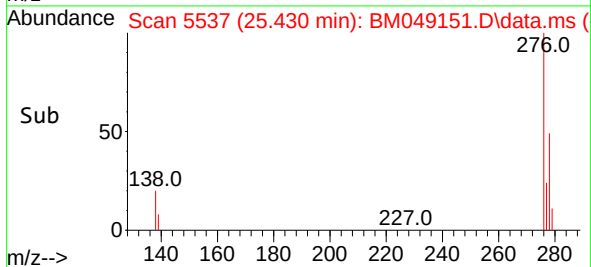
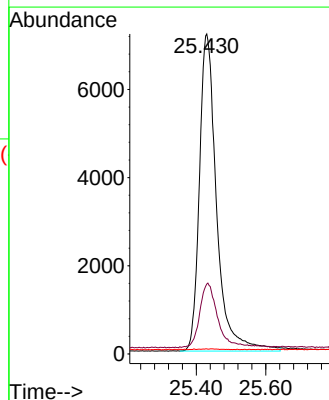
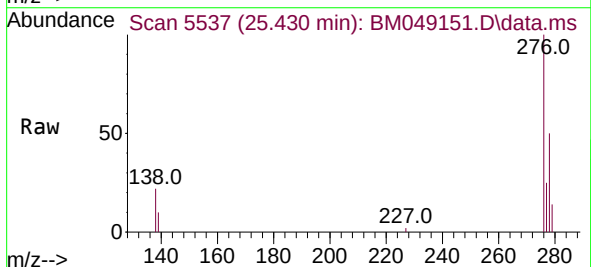
Tgt Ion:276 Resp: 24646

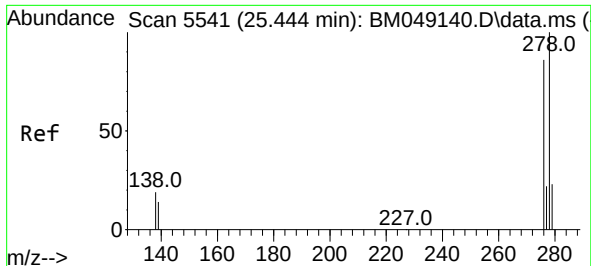
Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.2

227 0.1 0.2 0.2#

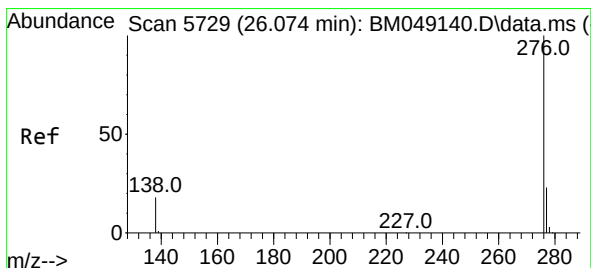
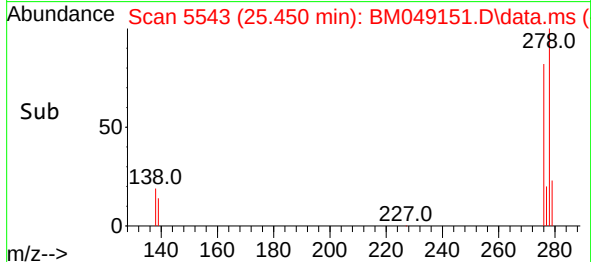
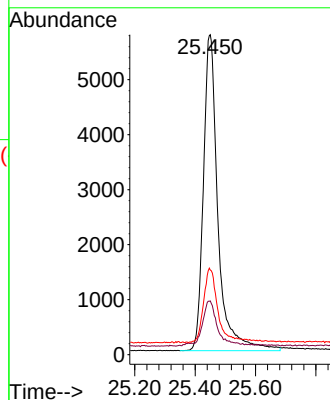
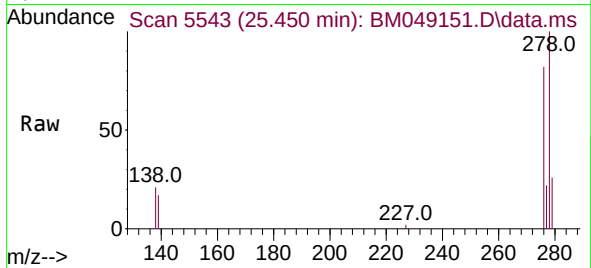




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Instrument :
BNA_M
ClientSampleId :
E2AX4MS

Tgt Ion:278 Resp: 19214
Ion Ratio Lower Upper
278 100
139 16.8 13.5 20.3
279 26.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.017 min
Lab File: BM049151.D
Acq: 23 Dec 2024 17:58

Tgt Ion:276 Resp: 20157
Ion Ratio Lower Upper
276 100
138 19.9 16.7 25.1
277 25.2 19.9 29.9

