

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049152.D
 Acq On : 23 Dec 2024 18:34
 Operator : RC/JU
 Sample : P5305-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AX4MSD

Quant Time: Dec 23 22:58:37 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)

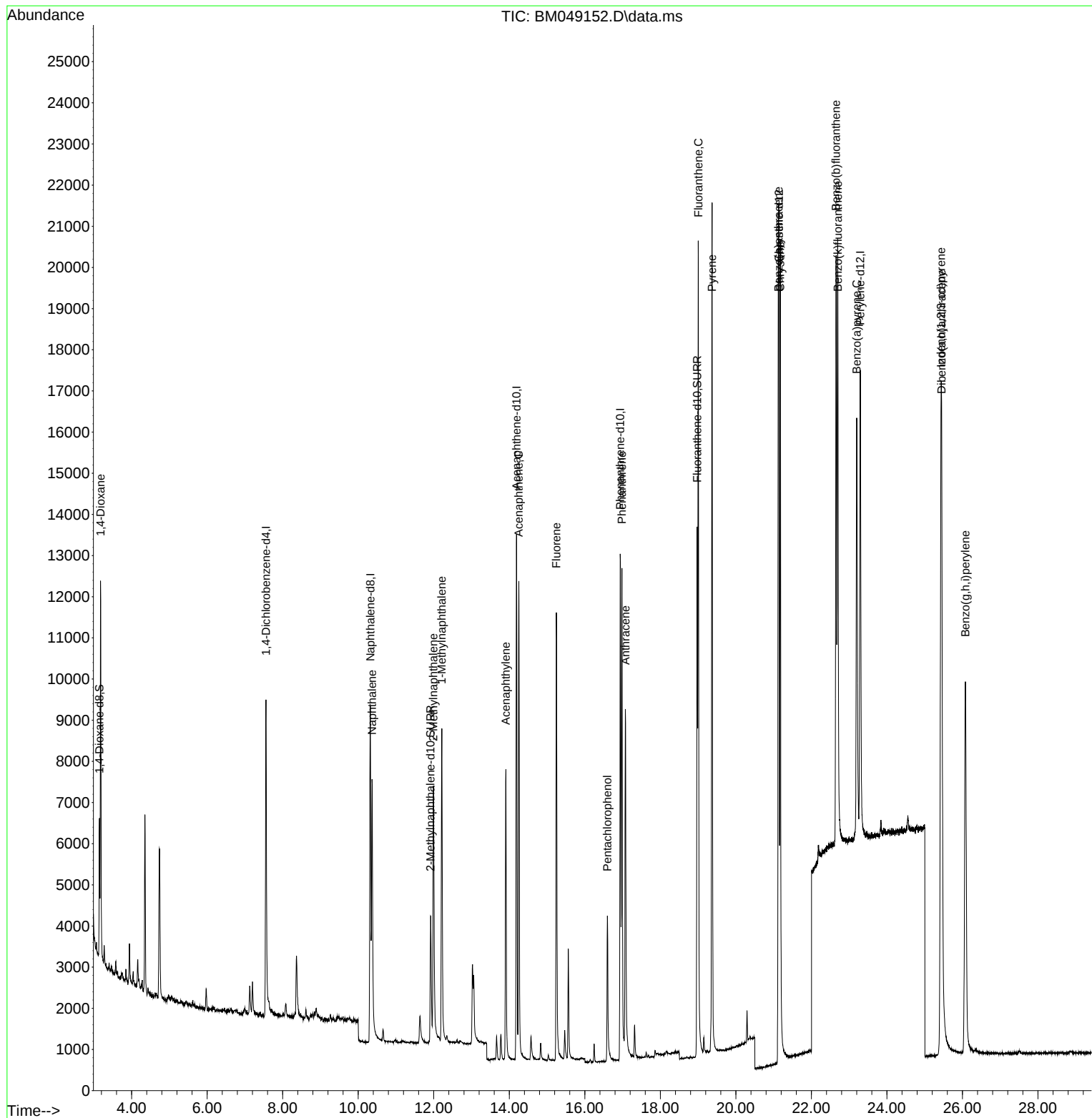
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	4928	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.320	136	13881	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.192	164	7933	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.938	188	16290	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	13942	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	15804	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	1973	0.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	5708	0.306	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	16083	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	5722	0.861	ng/ul#	82
5) Naphthalene	10.364	128	10158	0.292	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	6282	0.285	ng/ul	99
8) 1-Methylnaphthalene	12.212	142	6416	0.285	ng/ul	99
10) Acenaphthylene	13.910	152	9095	0.277	ng/ul	100
11) Acenaphthene	14.252	153	7148	0.298	ng/ul	98
12) Fluorene	15.247	166	8223	0.304	ng/ul	100
14) Pentachlorophenol	16.597	266	3001	0.666	ng/ul	96
15) Phenanthrene	16.981	178	13858	0.326	ng/ul	100
16) Anthracene	17.074	178	11636	0.298	ng/ul	98
19) Fluoranthene	19.007	202	18376	0.365	ng/ul	99
20) Pyrene	19.369	202	19501	0.363	ng/ul	100
21) Benzo(a)anthracene	21.125	228	16607	0.342	ng/ul	100
22) Chrysene	21.175	228	19153	0.368	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	18652	0.369	ng/ul	99
25) Benzo(k)fluoranthene	22.697	252	20496	0.370	ng/ul	100
26) Benzo(a)pyrene	23.200	252	16908	0.349	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.430	276	24498	0.357	ng/ul	99
28) Dibenzo(a,h)anthracene	25.450	278	19100	0.359	ng/ul	99
29) Benzo(g,h,i)perylene	26.077	276	19976	0.362	ng/ul	99

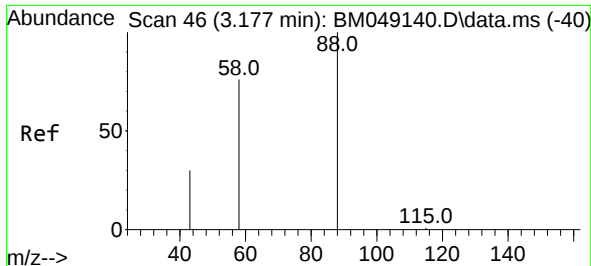
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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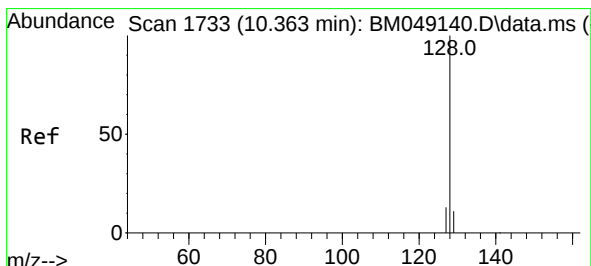
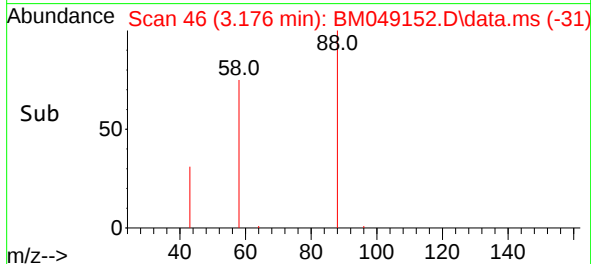
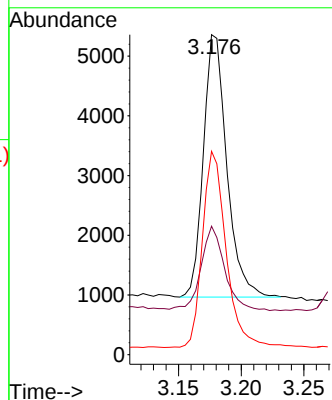
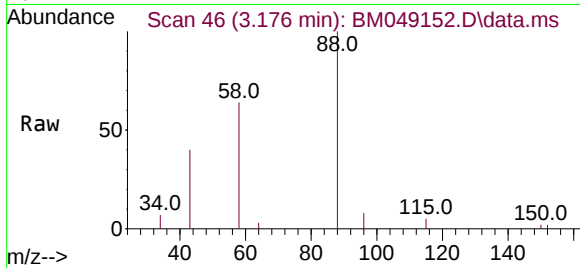




#2
1,4-Dioxane
Concen: 0.861 ng/ul
RT: 3.176 min Scan# 40
Delta R.T. -0.009 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

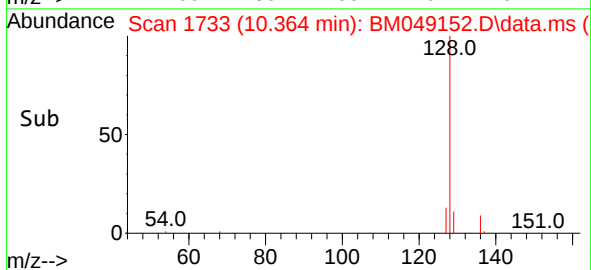
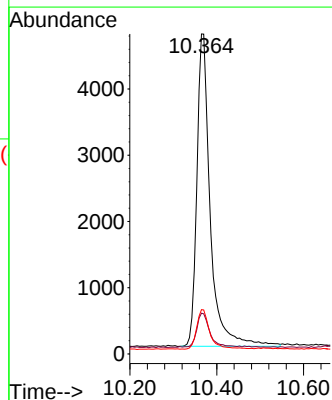
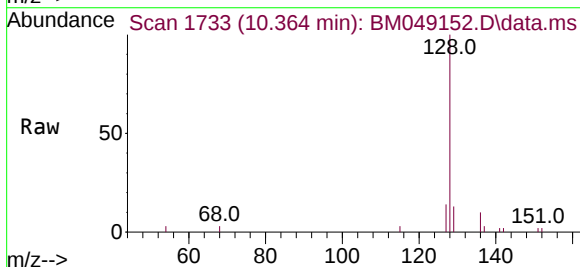
Instrument :
BNA_M
ClientSampleId :
E2AX4MSD

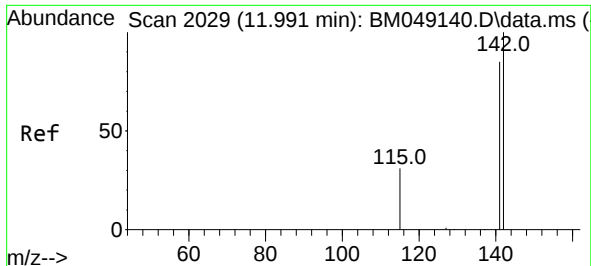
Tgt Ion: 88 Resp: 5722
Ion Ratio Lower Upper
88 100
43 40.1 45.4 68.2#
58 63.6 43.6 65.4



#5
Naphthalene
Concen: 0.292 ng/ul
RT: 10.364 min Scan# 1733
Delta R.T. -0.015 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Tgt Ion: 128 Resp: 10158
Ion Ratio Lower Upper
128 100
129 12.7 9.7 14.5
127 13.8 10.6 16.0

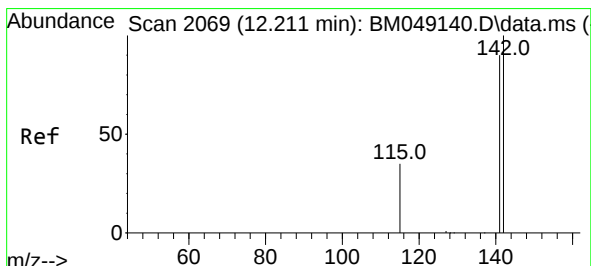
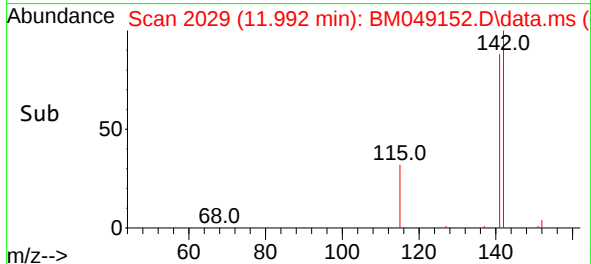
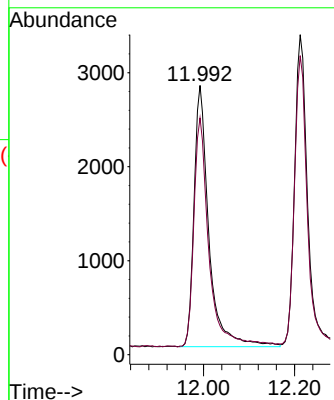
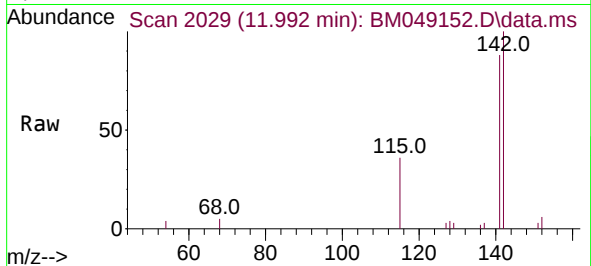




#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

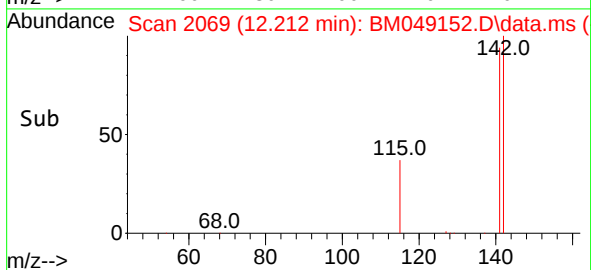
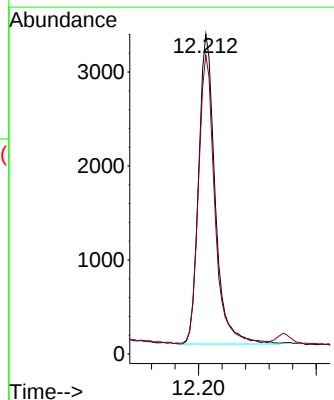
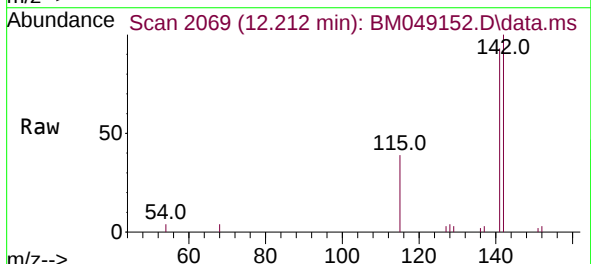
Instrument :
BNA_M
ClientSampleId :
E2AX4MSD

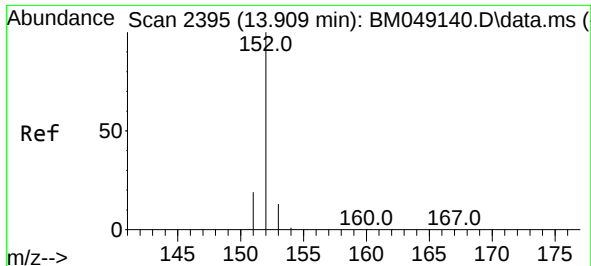
Tgt Ion:142 Resp: 6282
Ion Ratio Lower Upper
142 100
141 90.1 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. -0.010 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Tgt Ion:142 Resp: 6416
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1

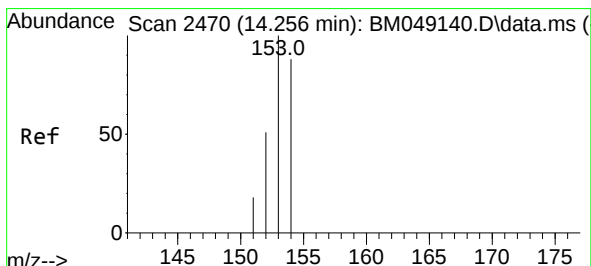
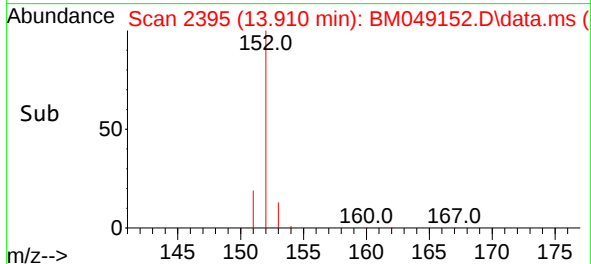
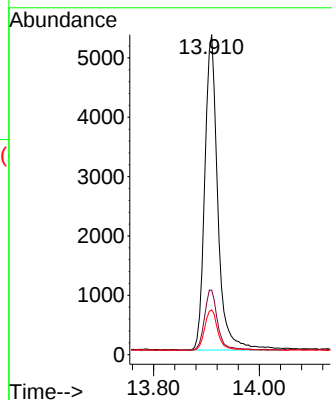
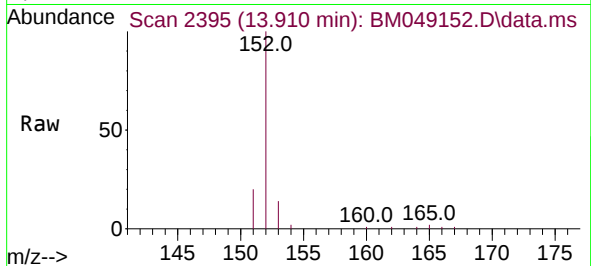




#10
Acenaphthylene
Concen: 0.277 ng/ul
RT: 13.910 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

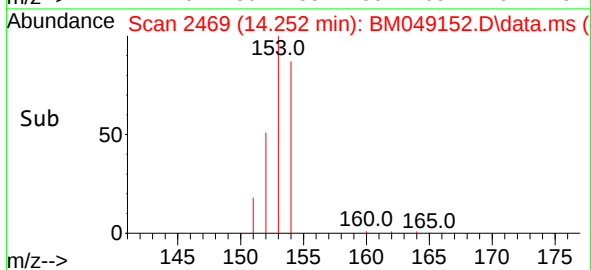
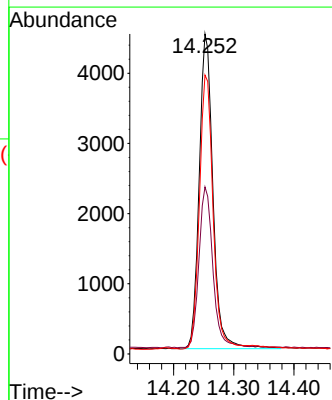
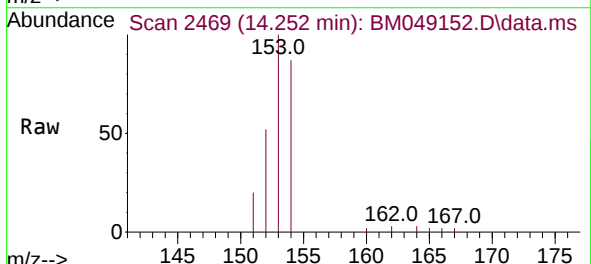
Instrument :
BNA_M
ClientSampleId :
E2AX4MSD

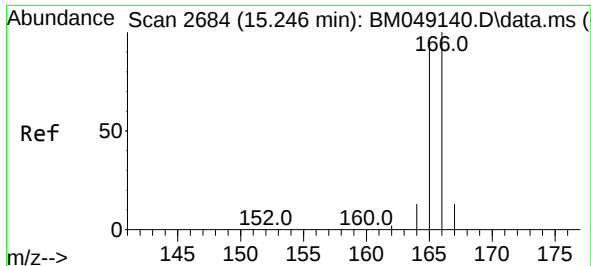
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	14.0	11.0	16.6



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.252 min Scan# 2469
Delta R.T. -0.013 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.2	40.7	61.1
154	87.1	70.8	106.2

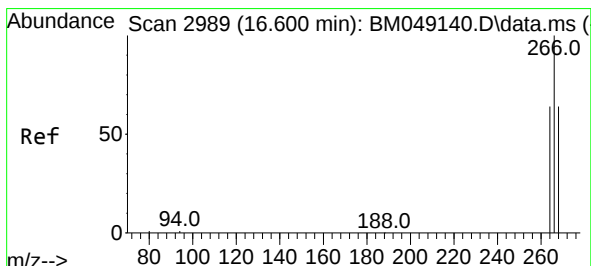
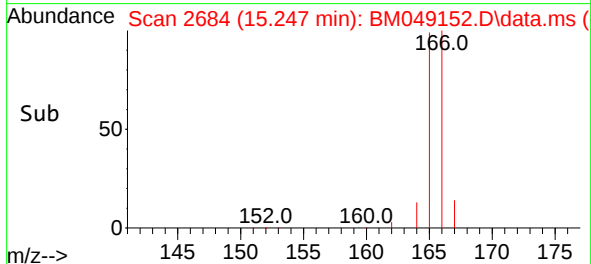
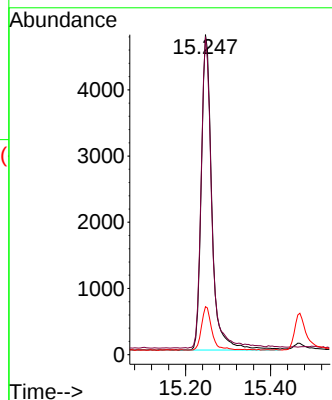
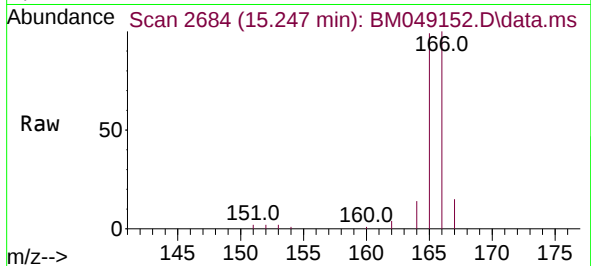




#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.247 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

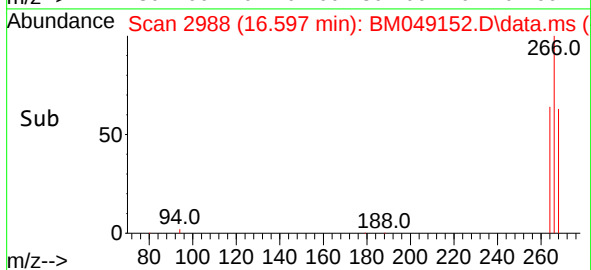
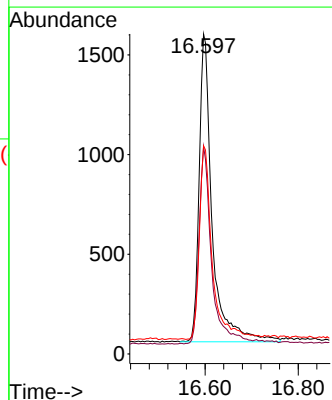
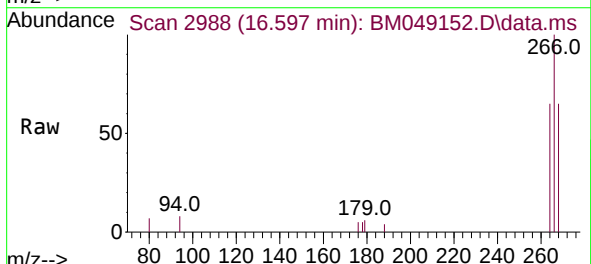
Instrument :
BNA_M
ClientSampleId :
E2AX4MSD

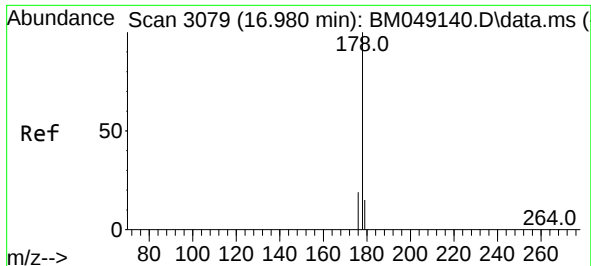
Tgt Ion:166 Resp: 8223
Ion Ratio Lower Upper
166 100
165 99.3 79.7 119.5
167 15.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.666 ng/ul
RT: 16.597 min Scan# 2988
Delta R.T. -0.011 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Tgt Ion:266 Resp: 3001
Ion Ratio Lower Upper
266 100
264 63.3 48.3 72.5
268 62.7 47.5 71.3

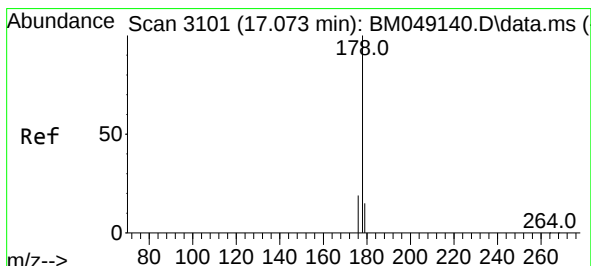
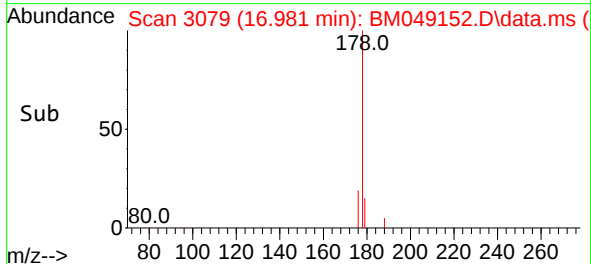
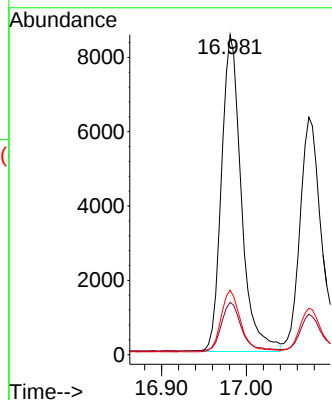
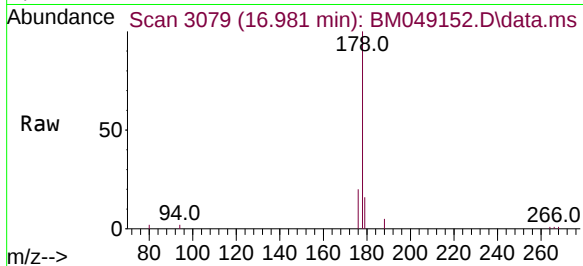




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 16.981 min Scan# 3079
Delta R.T. -0.011 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

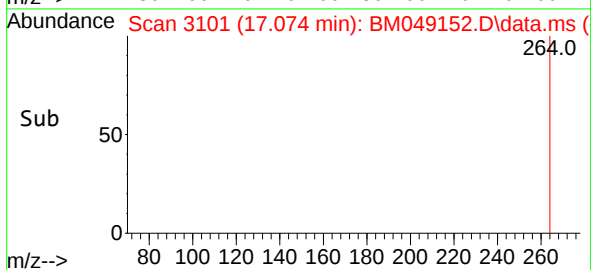
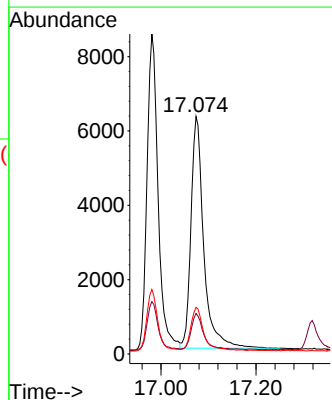
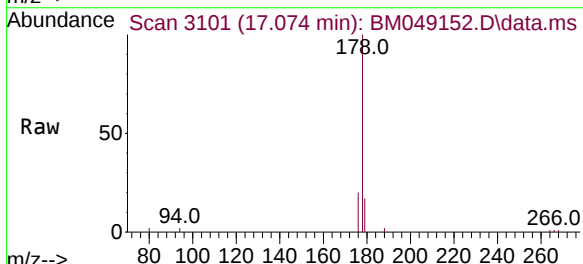
Instrument :
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ClientSampleId :
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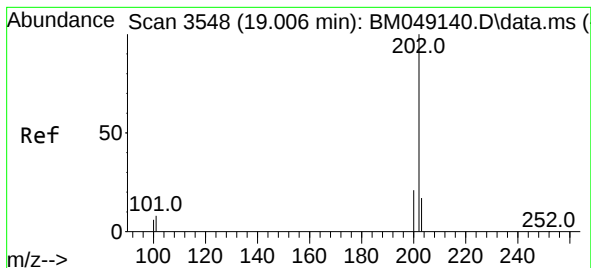
Tgt Ion:	178	Resp:	13858
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.4
176	20.2	16.2	24.2



#16
Anthracene
Concen: 0.298 ng/ul
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Tgt Ion:	178	Resp:	11636
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.9	19.3
176	19.6	15.3	22.9





#19

Fluoranthene

Concen: 0.365 ng/ul

RT: 19.007 min Scan# 3548

Delta R.T. -0.008 min

Lab File: BM049152.D

Acq: 23 Dec 2024 18:34

Instrument :

BNA_M

ClientSampleId :

E2AX4MSD

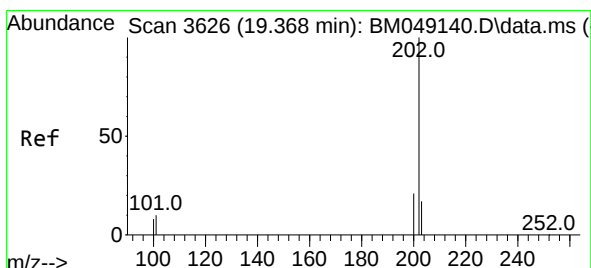
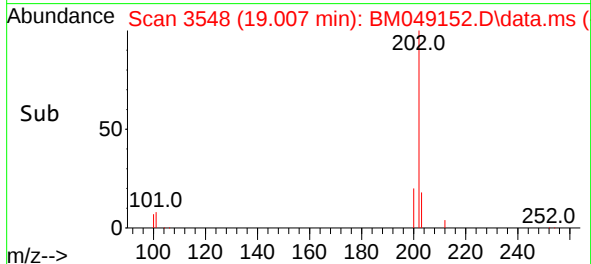
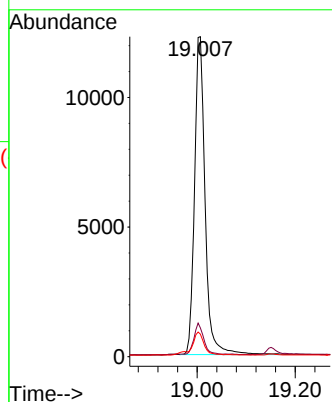
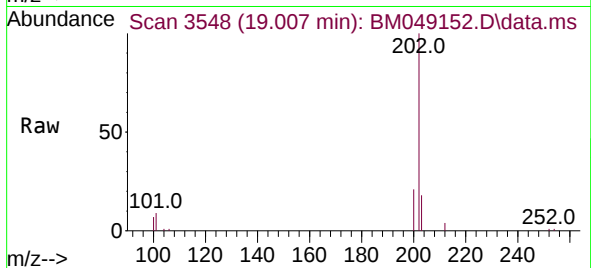
Tgt Ion:202 Resp: 18376

Ion Ratio Lower Upper

202 100

101 9.0 7.6 11.4

100 7.0 5.5 8.3



#20

Pyrene

Concen: 0.363 ng/ul

RT: 19.369 min Scan# 3626

Delta R.T. -0.008 min

Lab File: BM049152.D

Acq: 23 Dec 2024 18:34

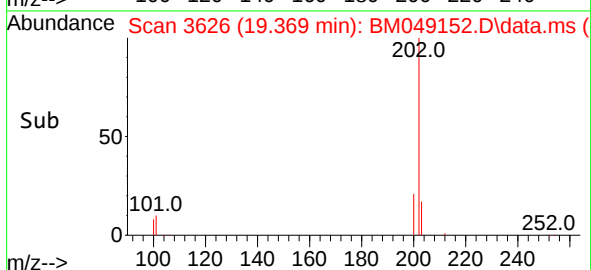
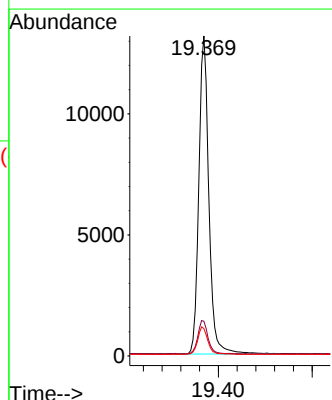
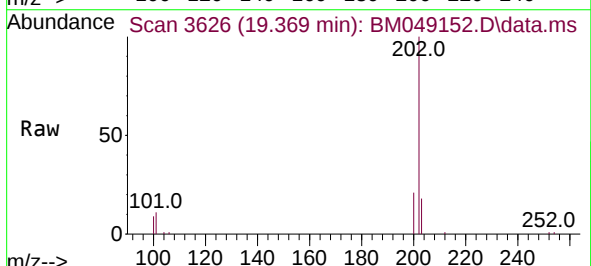
Tgt Ion:202 Resp: 19501

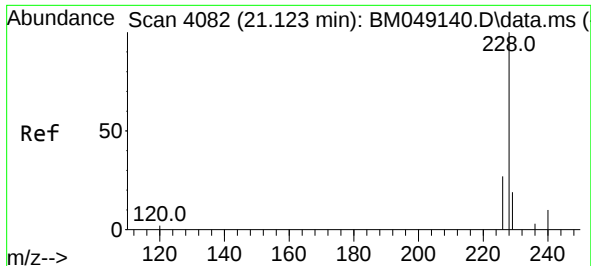
Ion Ratio Lower Upper

202 100

101 10.8 8.9 13.3

100 8.6 6.9 10.3

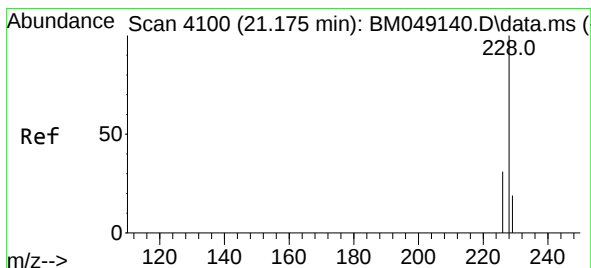
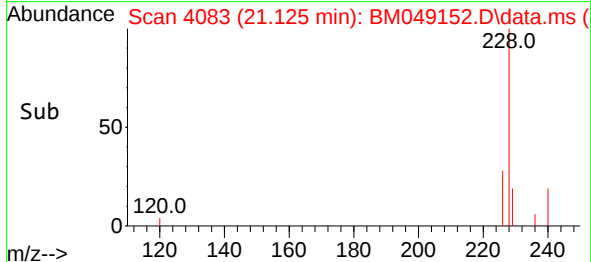
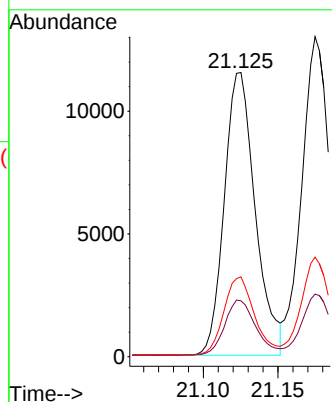
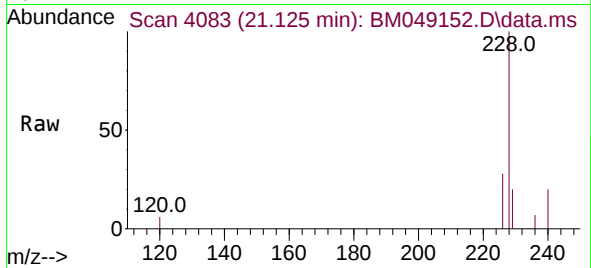




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.125 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

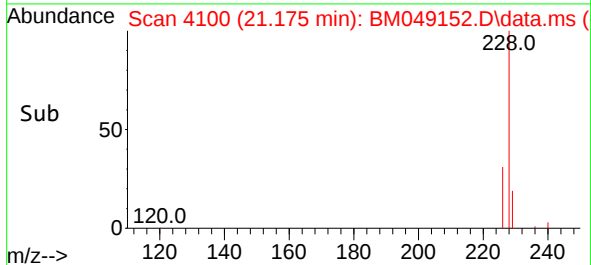
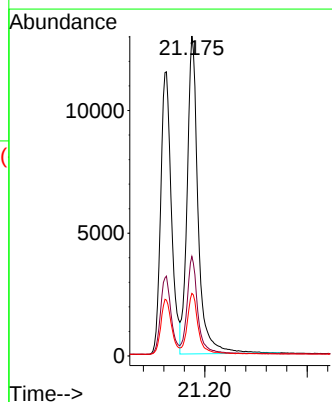
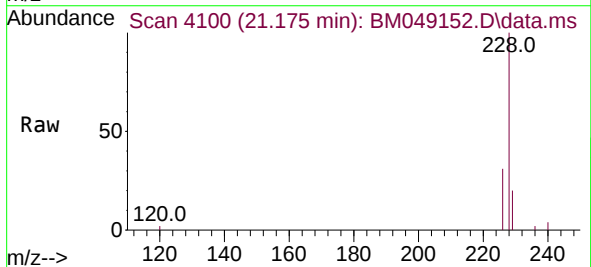
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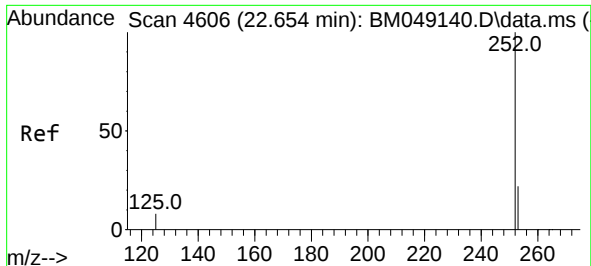
Tgt Ion:228 Resp: 16607
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 28.1 22.6 34.0



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Tgt Ion:228 Resp: 19153
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 19.6 15.8 23.8

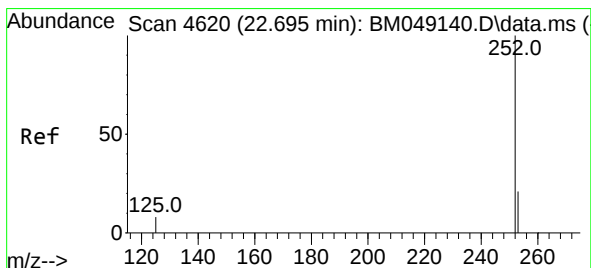
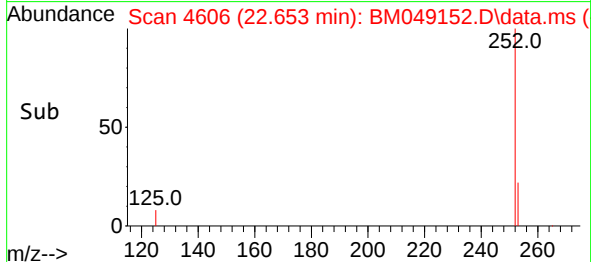
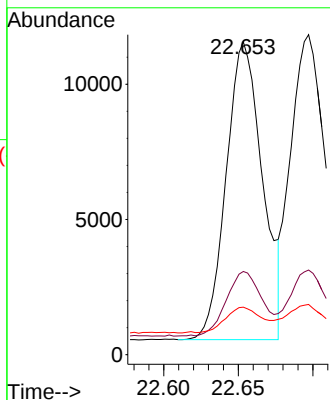
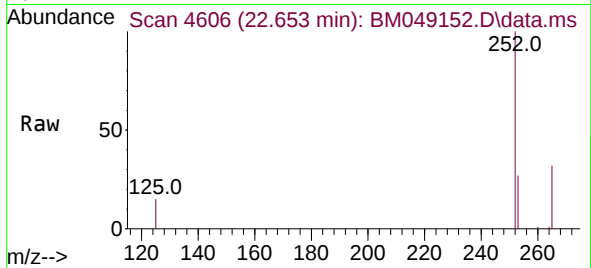




#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

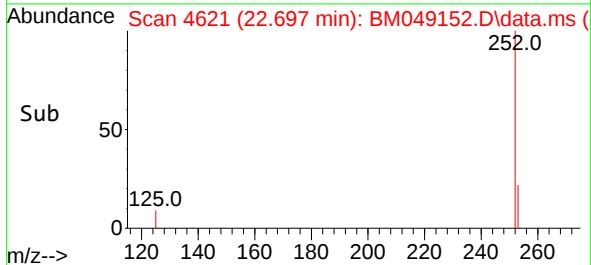
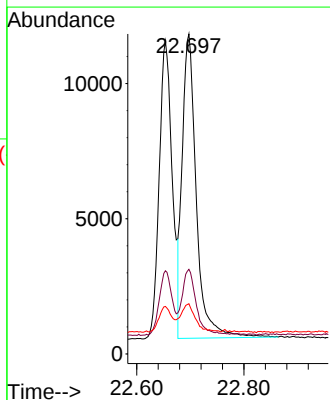
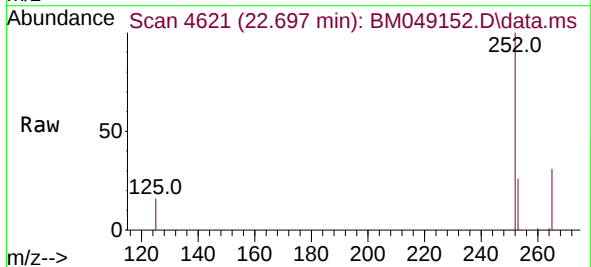
Instrument :
BNA_M
ClientSampleId :
E2AX4MSD

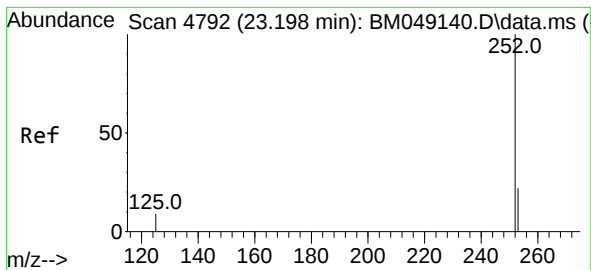
Tgt Ion:	252	Resp:	18652
Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	52.6
125	15.2	0.0	30.8



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 22.697 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Tgt Ion:	252	Resp:	20496
Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.3	31.9
125	15.7	12.6	18.8





#26

Benzo(a)pyrene

Concen: 0.349 ng/ul

RT: 23.200 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM049152.D

Acq: 23 Dec 2024 18:34

Instrument :

BNA_M

ClientSampleId :

E2AX4MSD

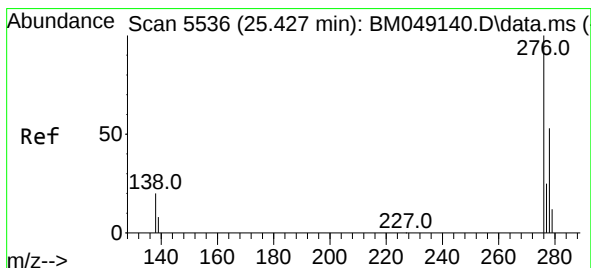
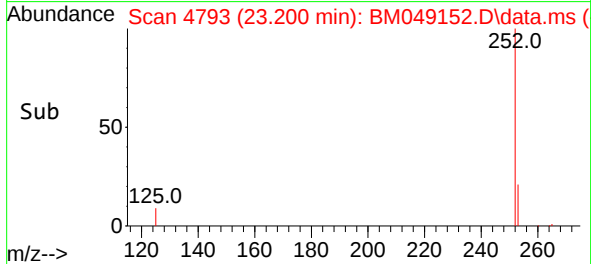
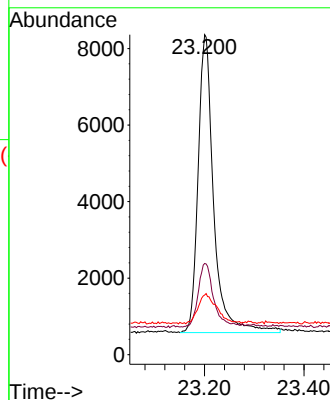
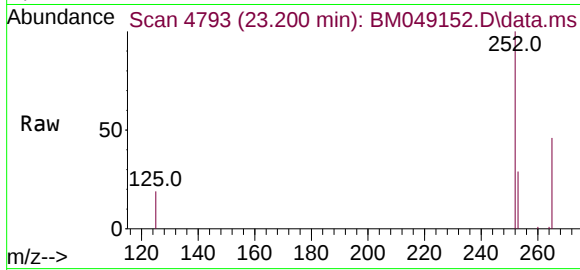
Tgt Ion:252 Resp: 16908

Ion Ratio Lower Upper

252 100

253 28.5 22.4 33.6

125 18.6 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.357 ng/ul

RT: 25.430 min Scan# 5537

Delta R.T. -0.017 min

Lab File: BM049152.D

Acq: 23 Dec 2024 18:34

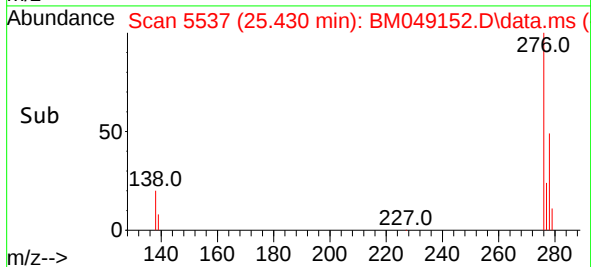
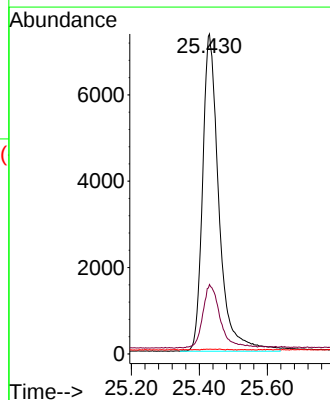
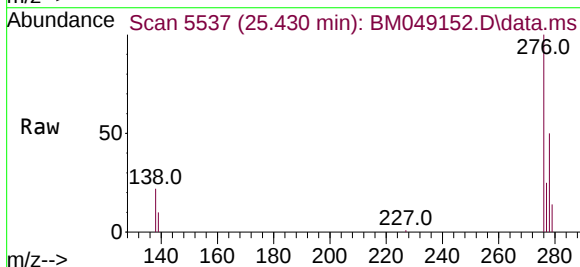
Tgt Ion:276 Resp: 24498

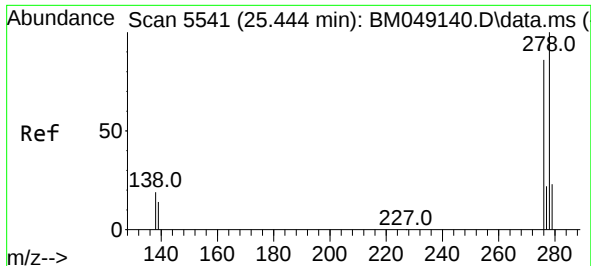
Ion Ratio Lower Upper

276 100

138 21.2 17.4 26.2

227 0.2 0.2 0.2

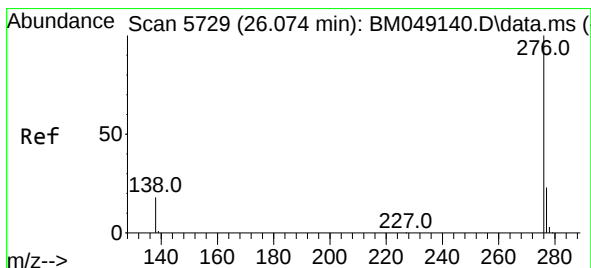
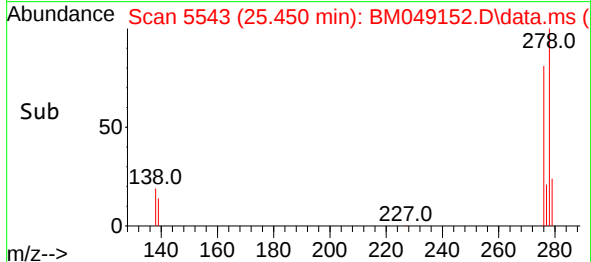
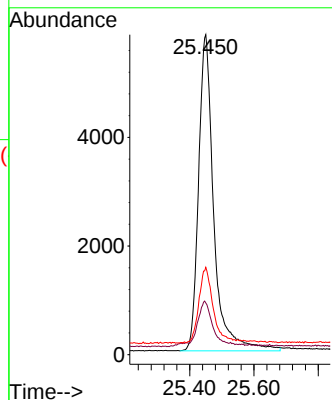
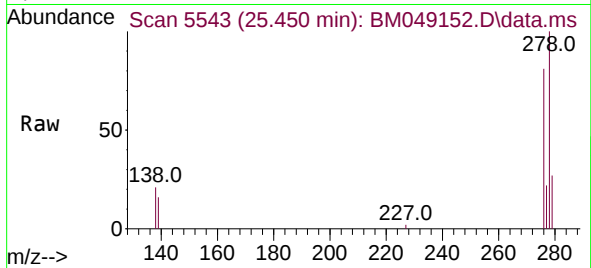




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Instrument :
BNA_M
ClientSampleId :
E2AX4MSD

Tgt Ion:278 Resp: 19100
Ion Ratio Lower Upper
278 100
139 16.1 13.5 20.3
279 27.3 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.017 min
Lab File: BM049152.D
Acq: 23 Dec 2024 18:34

Tgt Ion:276 Resp: 19976
Ion Ratio Lower Upper
276 100
138 20.4 16.7 25.1
277 24.3 19.9 29.9

