

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
 Data File : BM048142.D
 Acq On : 18 Oct 2024 19:08
 Operator : RC/JU
 Sample : SST0.896
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8025

Quant Time: Oct 19 00:42:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 19 00:40:09 2024
 Response via : Initial Calibration

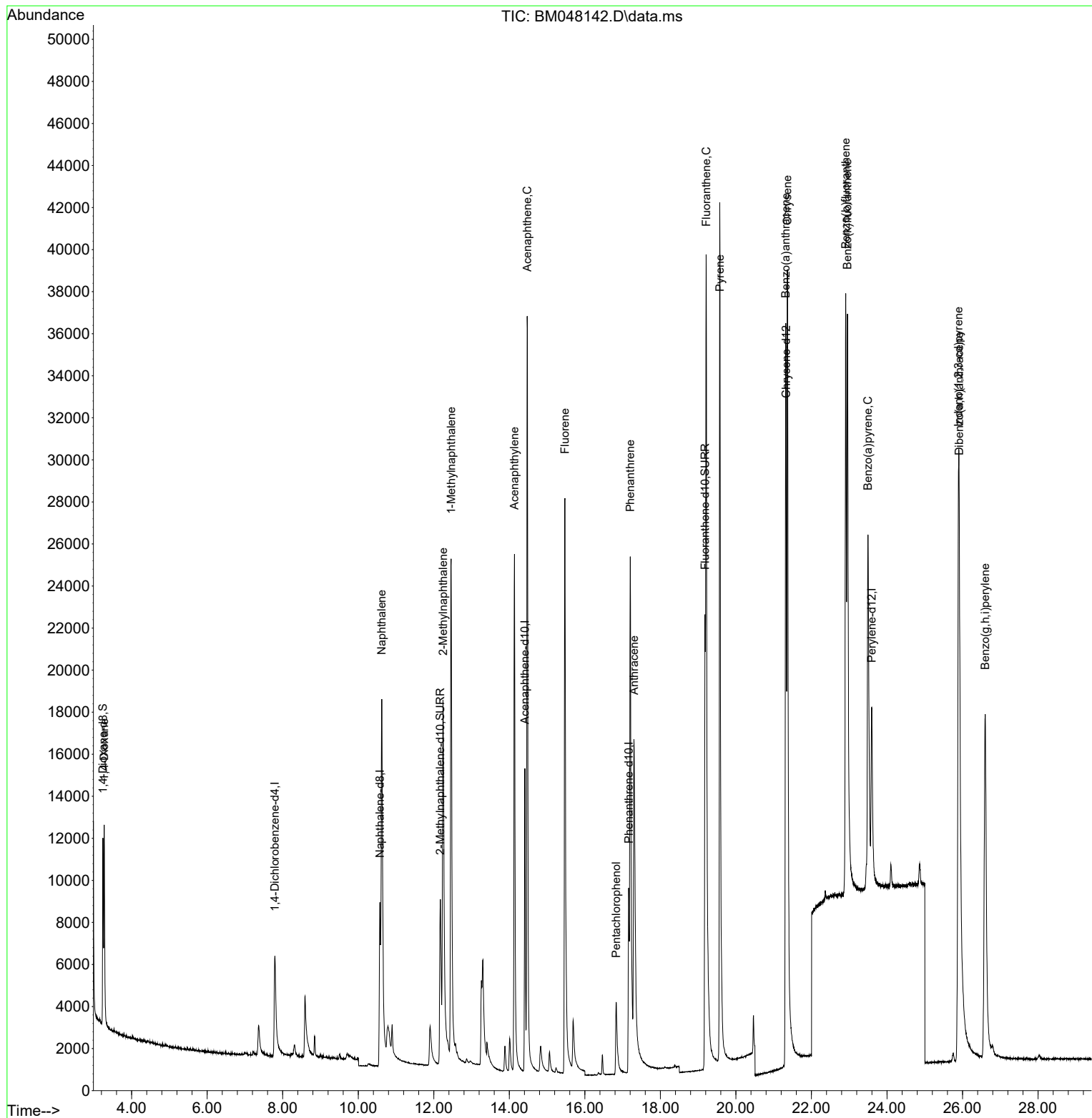
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	5705	0.400	ng/ul	0.00
4) Naphthalene-d8	10.572	136	18245	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.413	164	9807	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.161	188	18539	0.400	ng/ul	-0.01
17) Chrysene-d12	21.330	240	15698	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	15101	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	6274	0.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	20665	0.848	ng/ul	-0.03
18) Fluoranthene-d10	19.182	212	38019	0.791	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.273	88	7239	0.825	ng/ul	91
5) Naphthalene	10.622	128	39951	0.803	ng/ul	97
7) 2-Methylnaphthalene	12.244	142	23839	0.799	ng/ul	99
8) 1-Methylnaphthalene	12.459	142	26060	0.833	ng/ul	97
10) Acenaphthylene	14.135	152	37928	0.796	ng/ul	97
11) Acenaphthene	14.473	153	26716	0.816	ng/ul	100
12) Fluorene	15.472	166	28871	0.780	ng/ul	99
14) Pentachlorophenol	16.828	266	4864	0.872	ng/ul	99
15) Phenanthrene	17.203	178	39292	0.714	ng/ul	99
16) Anthracene	17.300	178	36840	0.752	ng/ul	97
19) Fluoranthene	19.215	202	50275	0.761	ng/ul	98
20) Pyrene	19.573	202	53832	0.765	ng/ul	99
21) Benzo(a)anthracene	21.319	228	39822	0.600	ng/ul	98
22) Chrysene	21.362	228	53776	0.779	ng/ul	99
24) Benzo(b)fluoranthene	22.908	252	43330	0.659	ng/ul	90
25) Benzo(k)fluoranthene	22.952	252	52977	0.801	ng/ul#	90
26) Benzo(a)pyrene	23.496	252	39005	0.753	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.893	276	56550	0.685	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.913	278	43195	0.694	ng/ul#	89
29) Benzo(g,h,i)perylene	26.601	276	46882	0.708	ng/ul	97

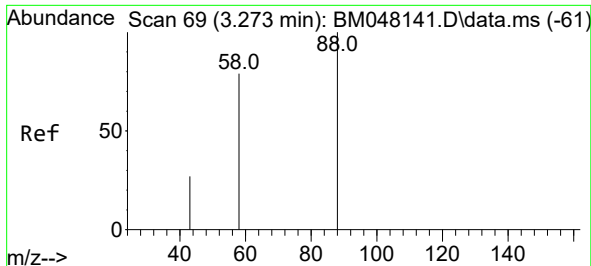
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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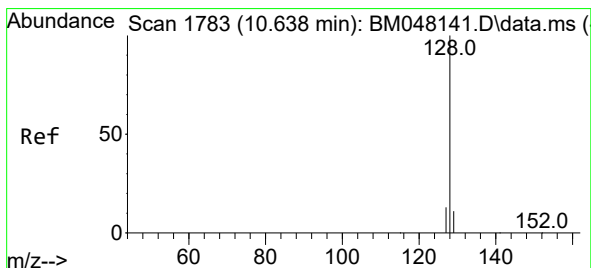
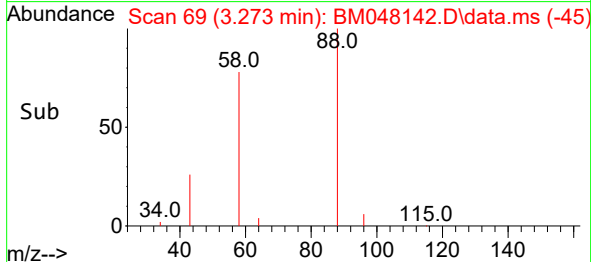
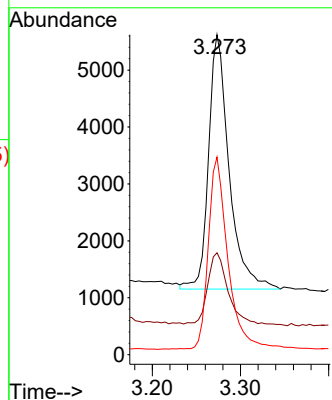
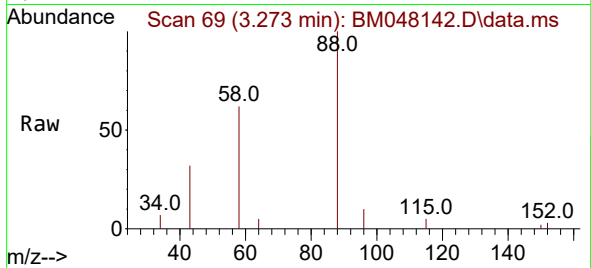




#2
1,4-Dioxane
Concen: 0.825 ng/ul
RT: 3.273 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

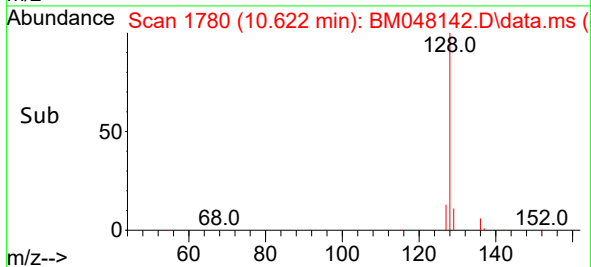
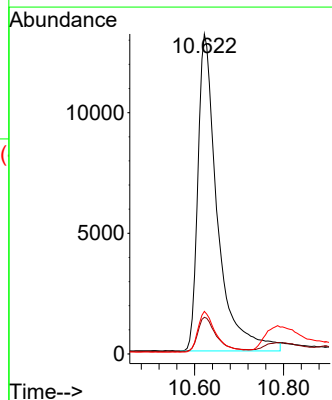
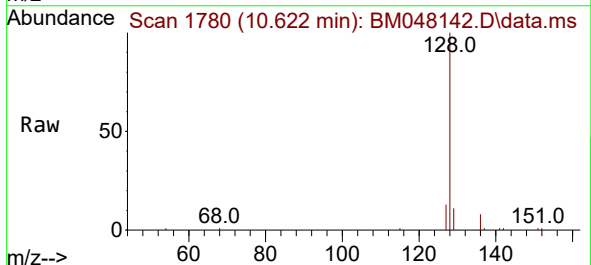
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BNA_M
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SSTD0.8025

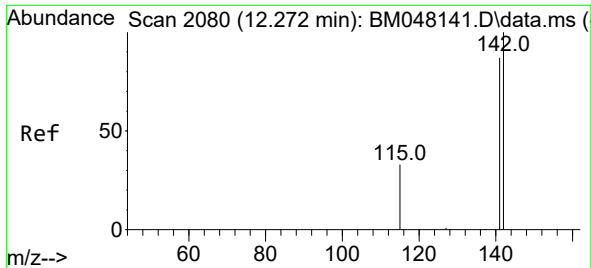
Tgt Ion: 88 Resp: 7239
Ion Ratio Lower Upper
88 100
43 31.9 27.7 41.5
58 61.8 42.5 63.7



#5
Naphthalene
Concen: 0.803 ng/ul
RT: 10.622 min Scan# 1780
Delta R.T. -0.017 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Tgt Ion: 128 Resp: 39951
Ion Ratio Lower Upper
128 100
129 11.5 10.6 15.8
127 13.3 11.3 16.9

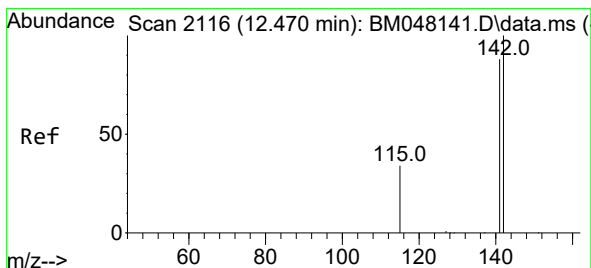
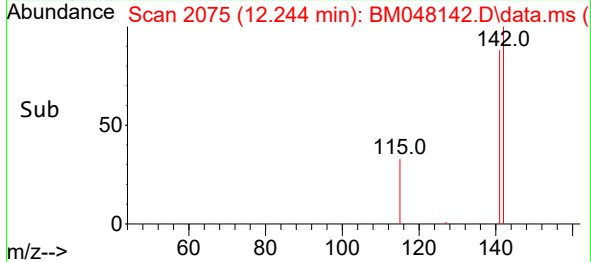
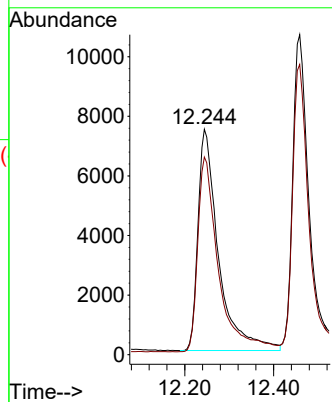
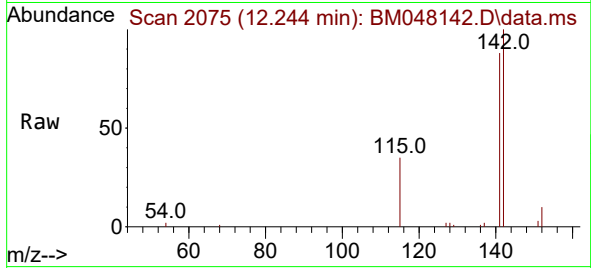




#7
2-Methylnaphthalene
Concen: 0.799 ng/ul
RT: 12.244 min Scan# 2080
Delta R.T. -0.028 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

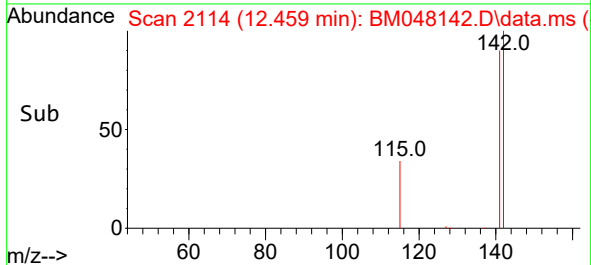
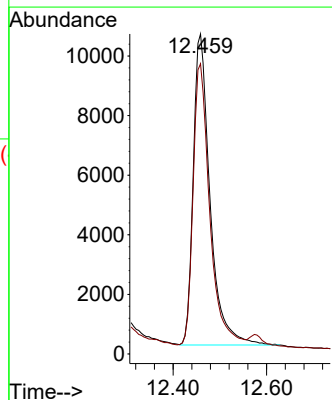
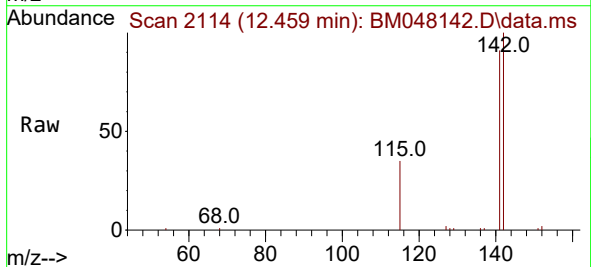
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

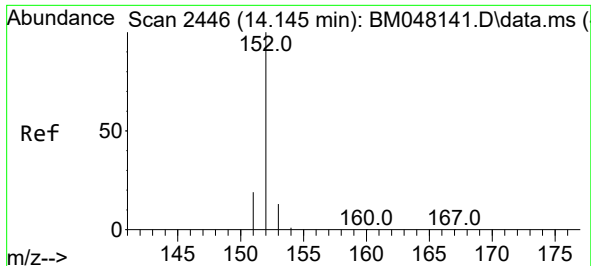
Tgt Ion:142 Resp: 23839
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.833 ng/ul
RT: 12.459 min Scan# 2114
Delta R.T. -0.011 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Tgt Ion:142 Resp: 26060
Ion Ratio Lower Upper
142 100
141 89.4 73.8 110.6

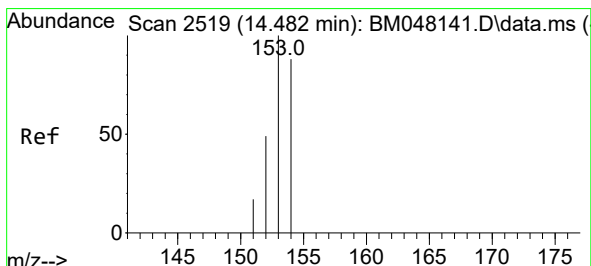
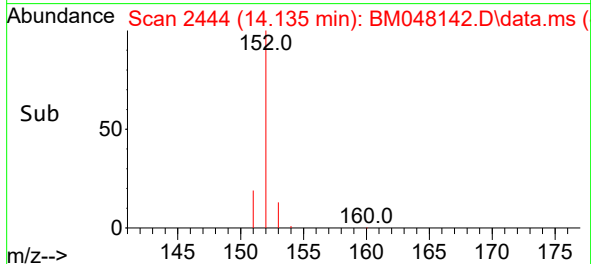
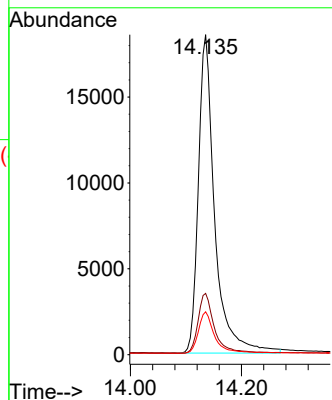
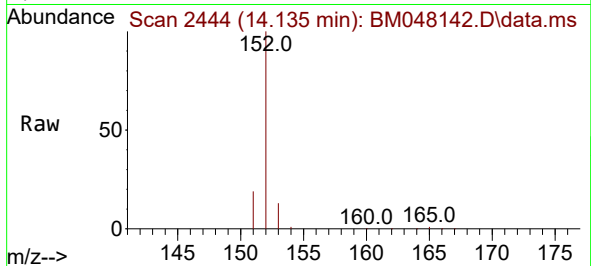




#10
Acenaphthylene
Concen: 0.796 ng/ul
RT: 14.135 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

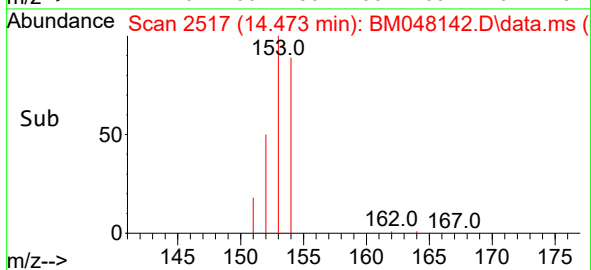
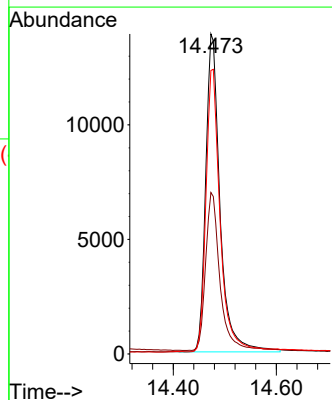
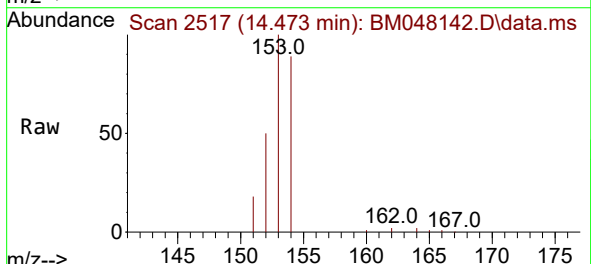
Instrument :
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ClientSampleId :
SSTD0.8025

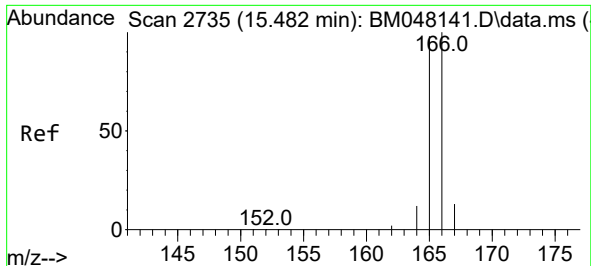
Tgt Ion:152 Resp: 37928
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.4
153 13.4 11.7 17.5



#11
Acenaphthene
Concen: 0.816 ng/ul
RT: 14.473 min Scan# 2517
Delta R.T. -0.009 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Tgt Ion:153 Resp: 26716
Ion Ratio Lower Upper
153 100
152 50.5 40.9 61.3
154 88.6 71.0 106.4

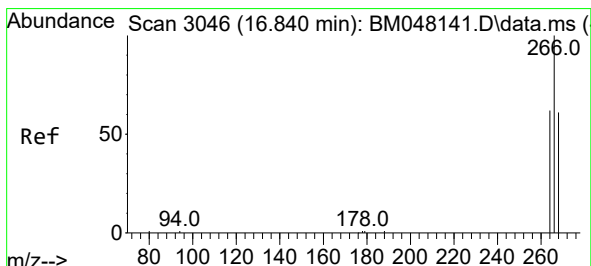
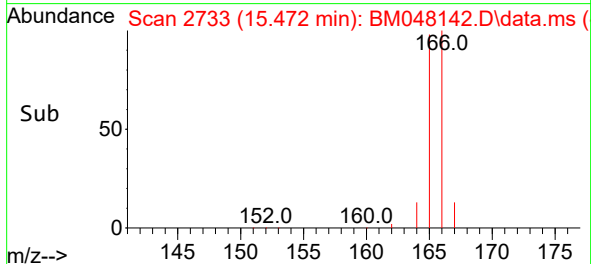
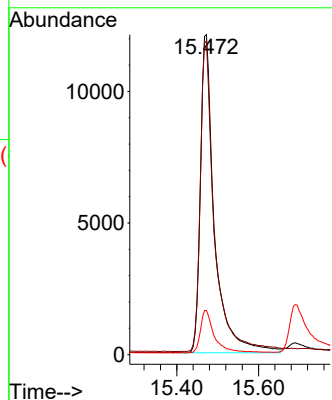
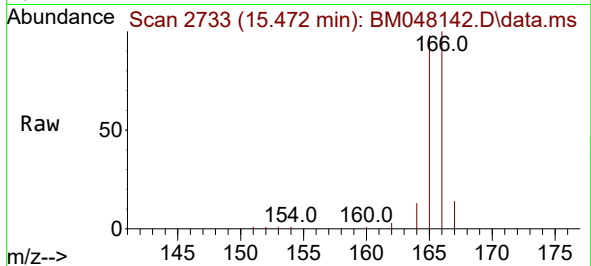




#12
Fluorene
Concen: 0.780 ng/ul
RT: 15.472 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

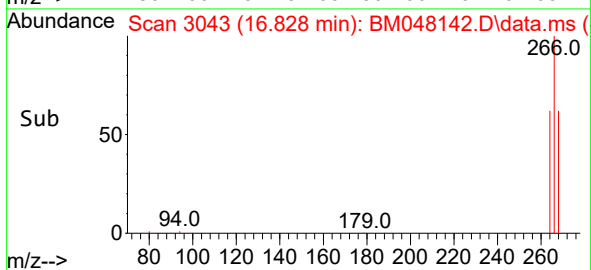
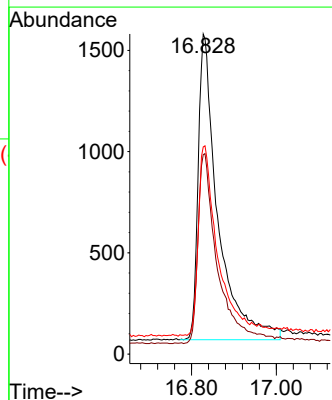
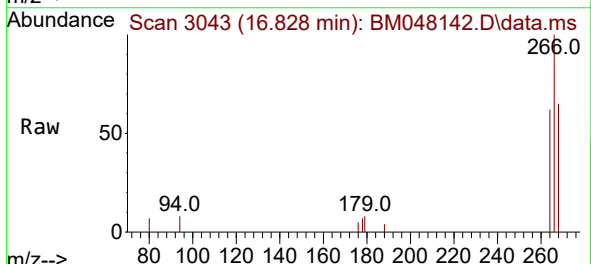
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

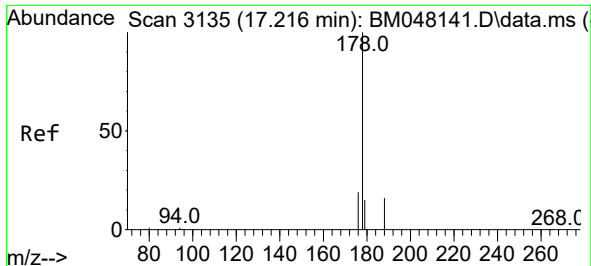
Tgt Ion:166 Resp: 28871
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.8 12.0 18.0



#14
Pentachlorophenol
Concen: 0.872 ng/ul
RT: 16.828 min Scan# 3043
Delta R.T. -0.013 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Tgt Ion:266 Resp: 4864
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 63.3 51.8 77.6

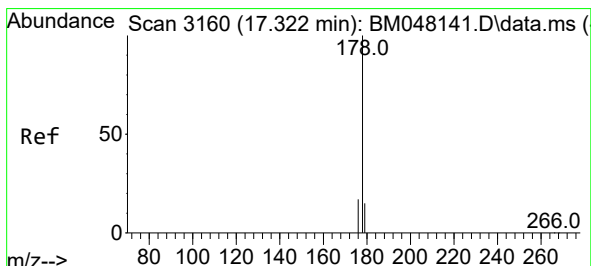
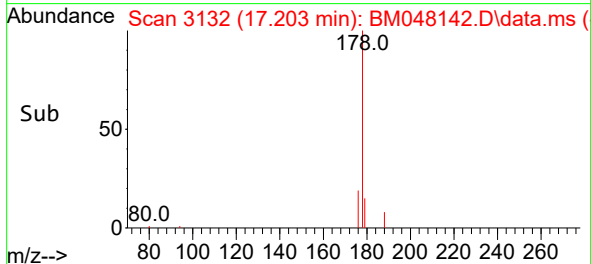
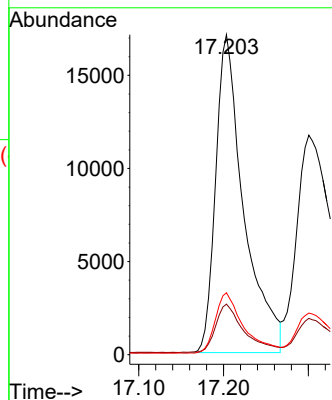
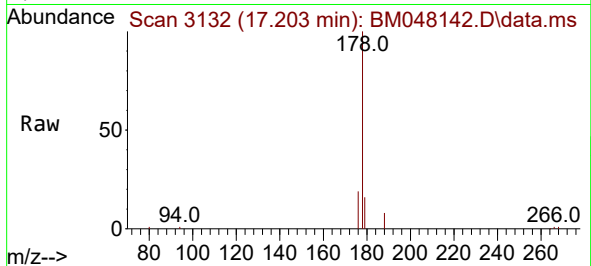




#15
Phenanthrene
Concen: 0.714 ng/ul
RT: 17.203 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

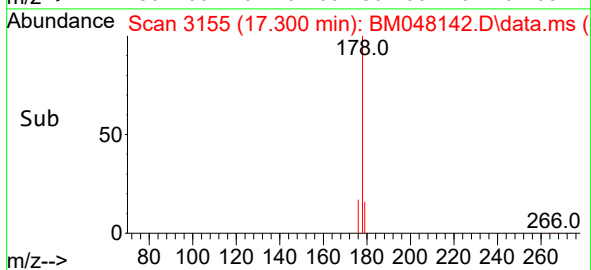
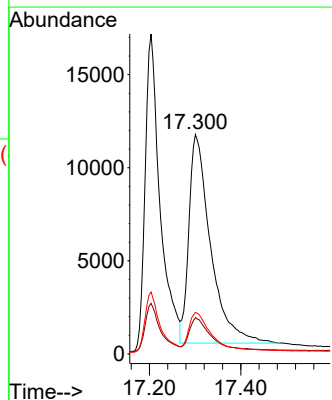
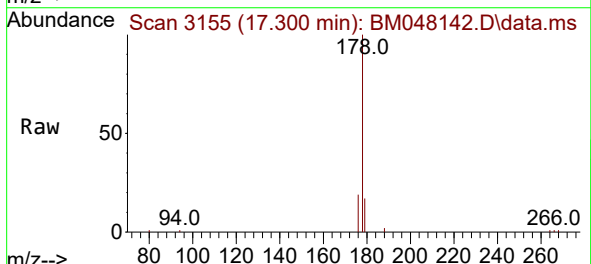
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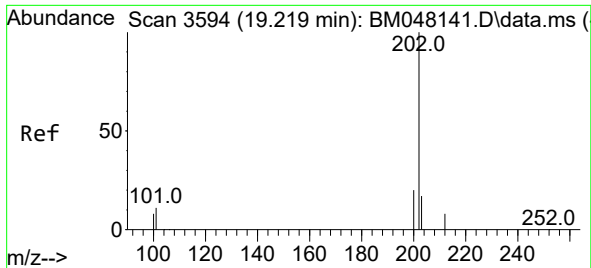
Tgt Ion:178 Resp: 39292
Ion Ratio Lower Upper
178 100
179 15.8 13.2 19.8
176 19.3 16.0 24.0



#16
Anthracene
Concen: 0.752 ng/ul
RT: 17.300 min Scan# 3155
Delta R.T. -0.021 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Tgt Ion:178 Resp: 36840
Ion Ratio Lower Upper
178 100
179 16.5 14.5 21.7
176 18.9 16.0 24.0

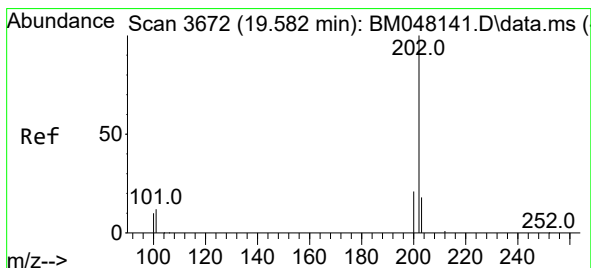
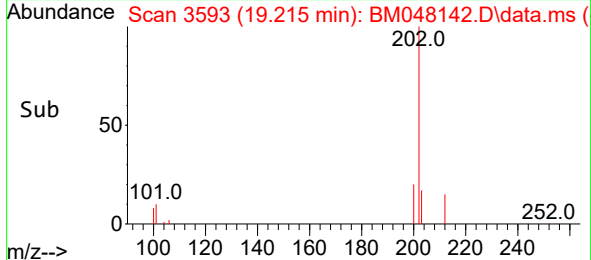
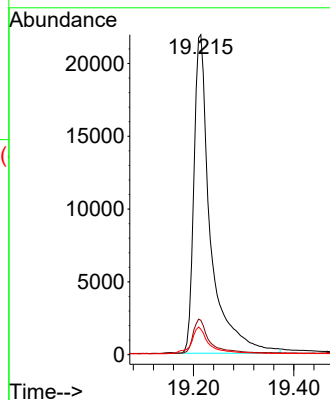
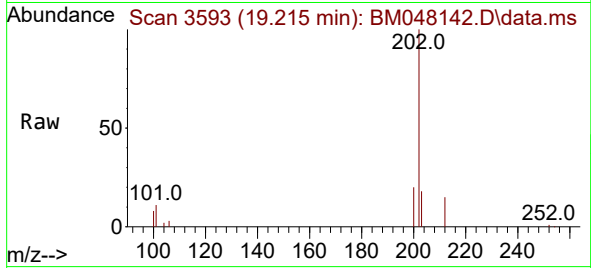




#19
Fluoranthene
Concen: 0.761 ng/ul
RT: 19.215 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

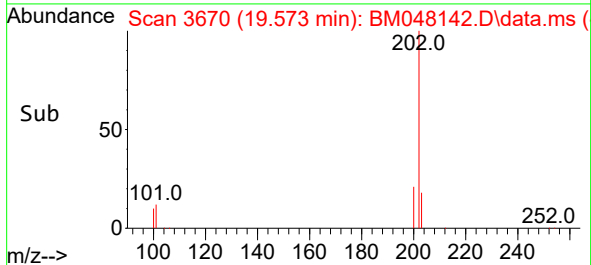
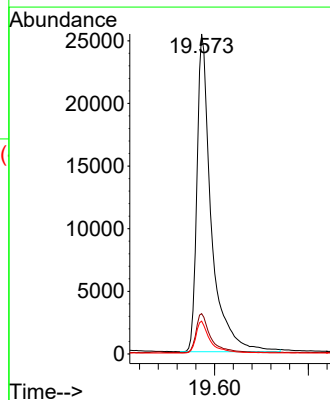
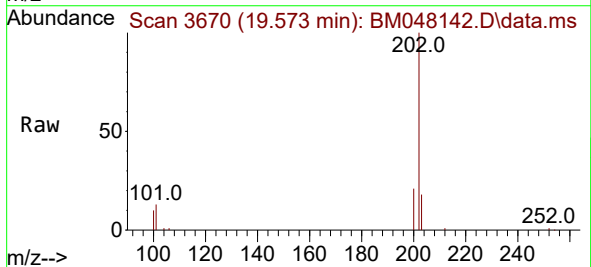
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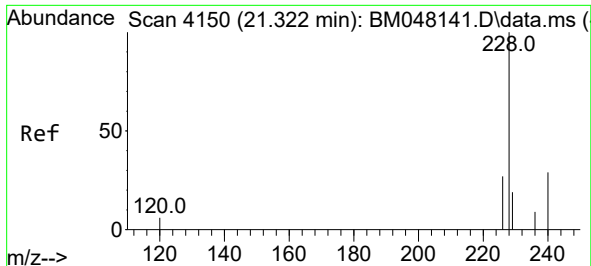
Tgt Ion:202 Resp: 50275
Ion Ratio Lower Upper
202 100
101 10.7 9.3 13.9
100 8.0 7.1 10.7



#20
Pyrene
Concen: 0.765 ng/ul
RT: 19.573 min Scan# 3670
Delta R.T. -0.009 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Tgt Ion:202 Resp: 53832
Ion Ratio Lower Upper
202 100
101 12.6 10.6 16.0
100 10.2 8.1 12.1

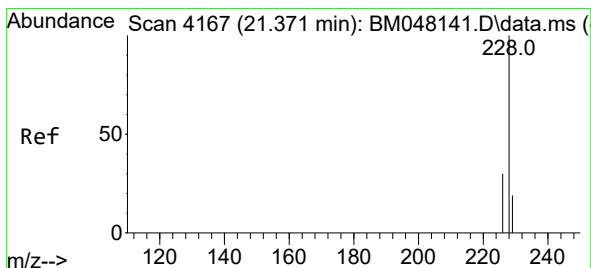
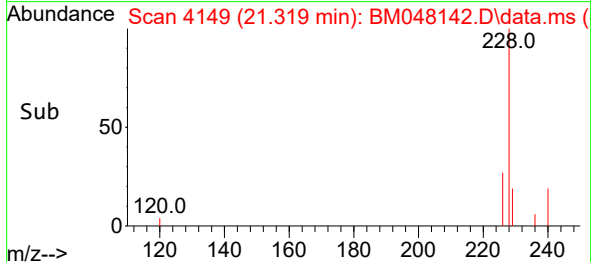
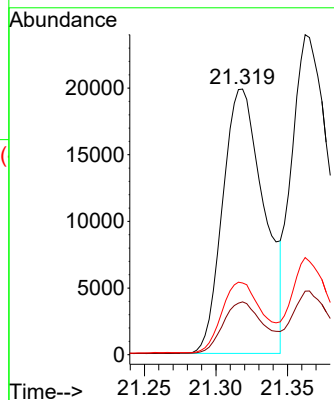
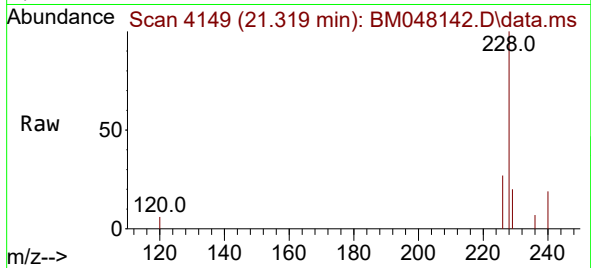




#21
Benzo(a)anthracene
Concen: 0.600 ng/ul
RT: 21.319 min Scan# 4150
Delta R.T. -0.003 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

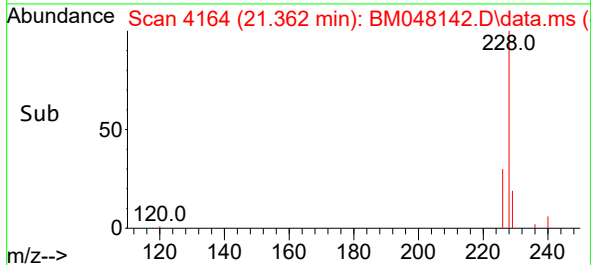
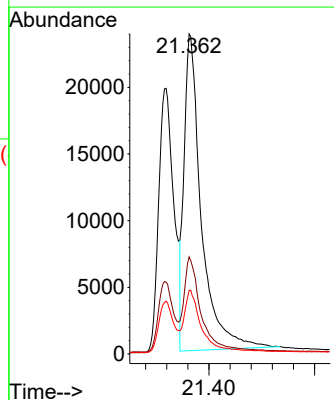
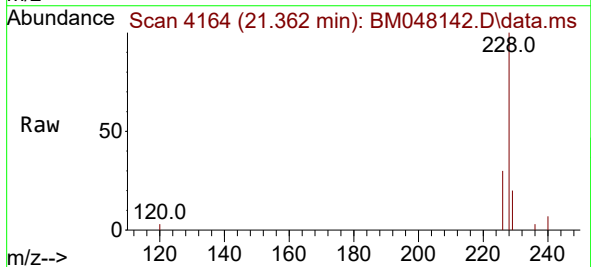
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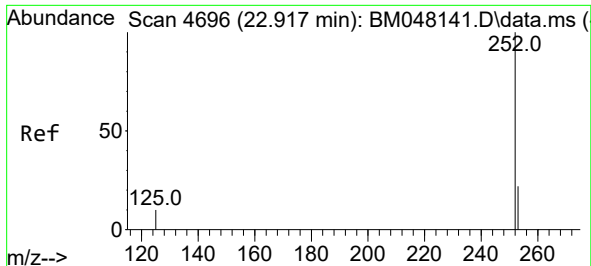
Tgt Ion:228 Resp: 39822
Ion Ratio Lower Upper
228 100
229 19.9 16.4 24.6
226 27.0 22.5 33.7



#22
Chrysene
Concen: 0.779 ng/ul
RT: 21.362 min Scan# 4164
Delta R.T. -0.009 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

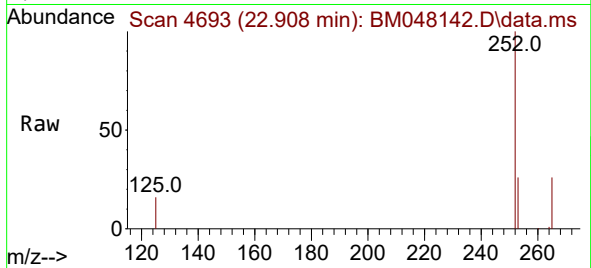
Tgt Ion:228 Resp: 53776
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 19.9 16.1 24.1



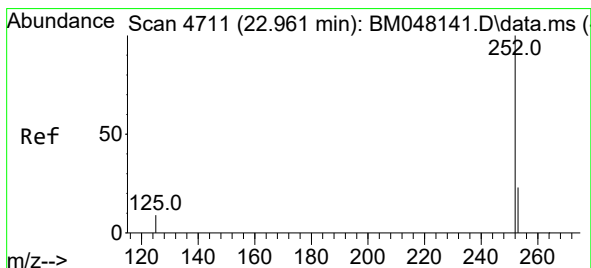
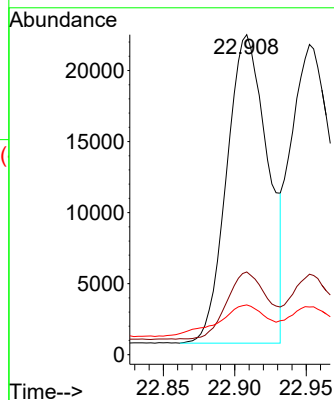


#24
Benzo(b)fluoranthene
Concen: 0.659 ng/ul
RT: 22.908 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

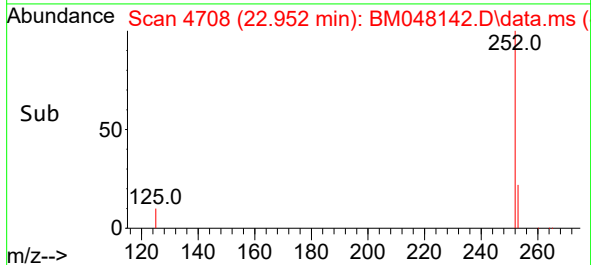
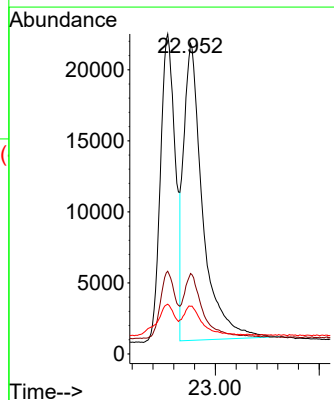
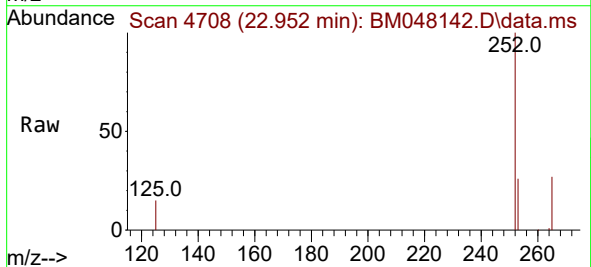


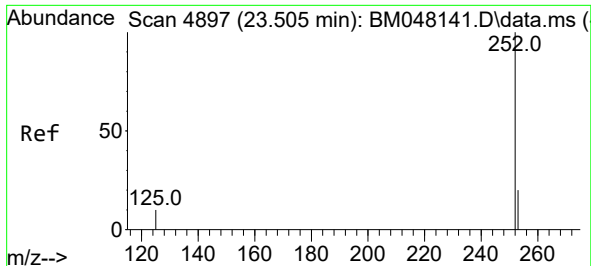
Tgt Ion:252 Resp: 43330
Ion Ratio Lower Upper
252 100
253 25.8 0.0 61.6
125 15.5 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.801 ng/ul
RT: 22.952 min Scan# 4708
Delta R.T. -0.009 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Tgt Ion:252 Resp: 52977
Ion Ratio Lower Upper
252 100
253 25.9 24.4 36.6
125 15.4 16.8 25.2#

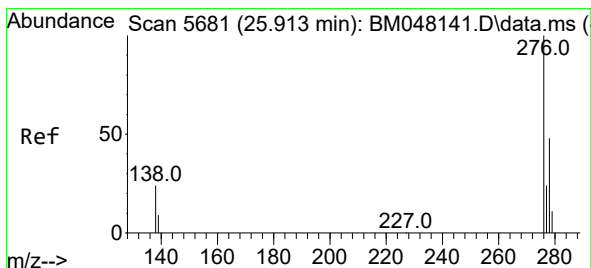
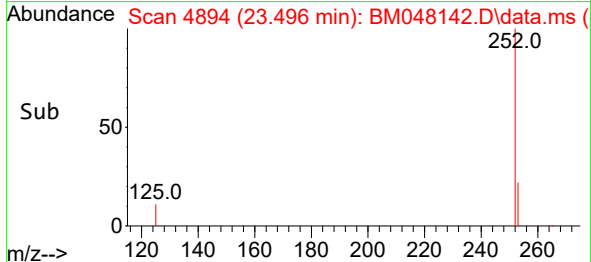
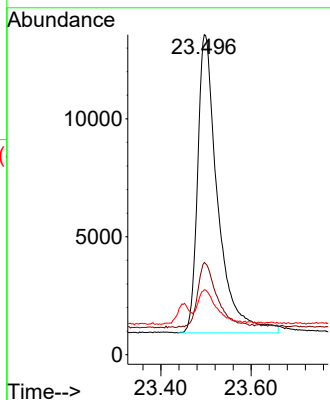
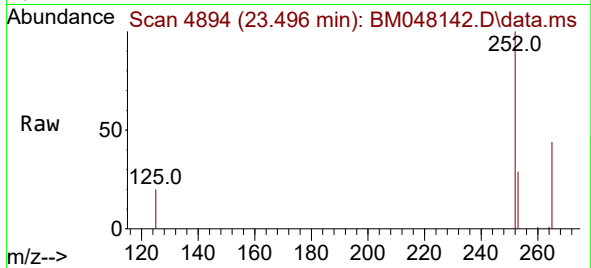




#26
Benzo(a)pyrene
Concen: 0.753 ng/ul
RT: 23.496 min Scan# 4894
Delta R.T. -0.009 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

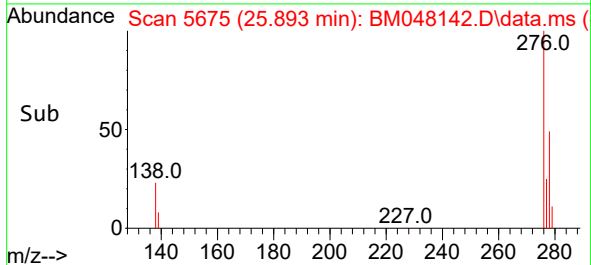
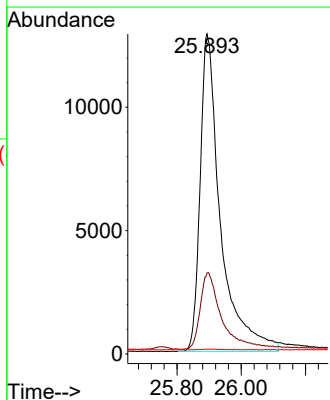
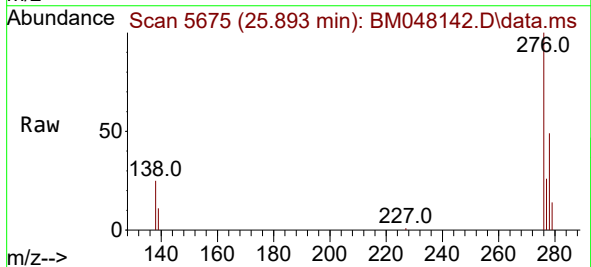
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

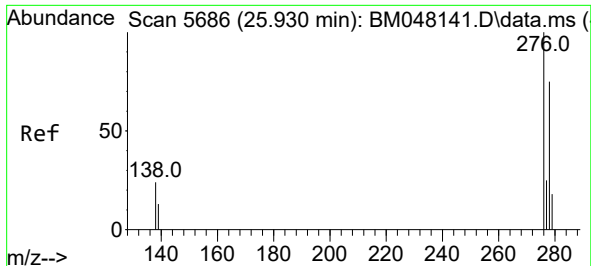
Tgt Ion:252 Resp: 39005
Ion Ratio Lower Upper
252 100
253 28.8 29.0 43.4#
125 20.3 24.4 36.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.685 ng/ul
RT: 25.893 min Scan# 5675
Delta R.T. -0.020 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

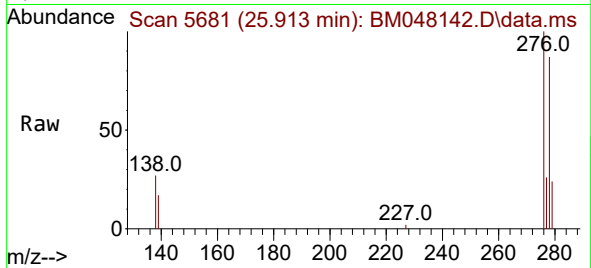
Tgt Ion:276 Resp: 56550
Ion Ratio Lower Upper
276 100
138 25.7 20.2 30.2
227 0.1 0.0 0.0#



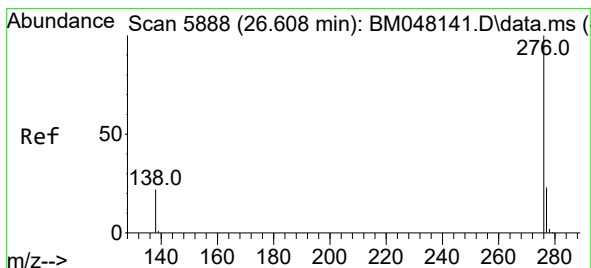
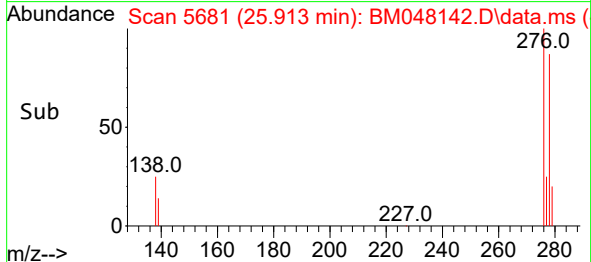
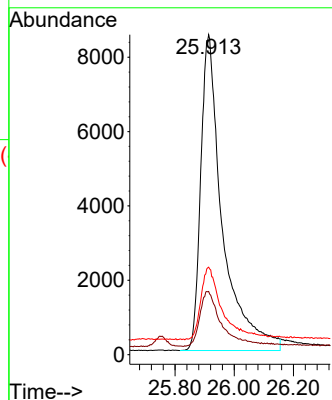


#28
Dibenzo(a,h)anthracene
Concen: 0.694 ng/ul
RT: 25.913 min Scan# 5681
Delta R.T. -0.017 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025



Tgt Ion:278 Resp: 43195
Ion Ratio Lower Upper
278 100
139 19.8 18.9 28.3
279 27.4 27.6 41.4#



#29
Benzo(g,h,i)perylene
Concen: 0.708 ng/ul
RT: 26.601 min Scan# 5886
Delta R.T. -0.007 min
Lab File: BM048142.D
Acq: 18 Oct 2024 19:08

Tgt Ion:276 Resp: 46882
Ion Ratio Lower Upper
276 100
138 23.6 20.3 30.5
277 24.7 20.4 30.6

