

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048366.D
 Acq On : 31 Oct 2024 20:13
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4066

Quant Time: Nov 03 07:03:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

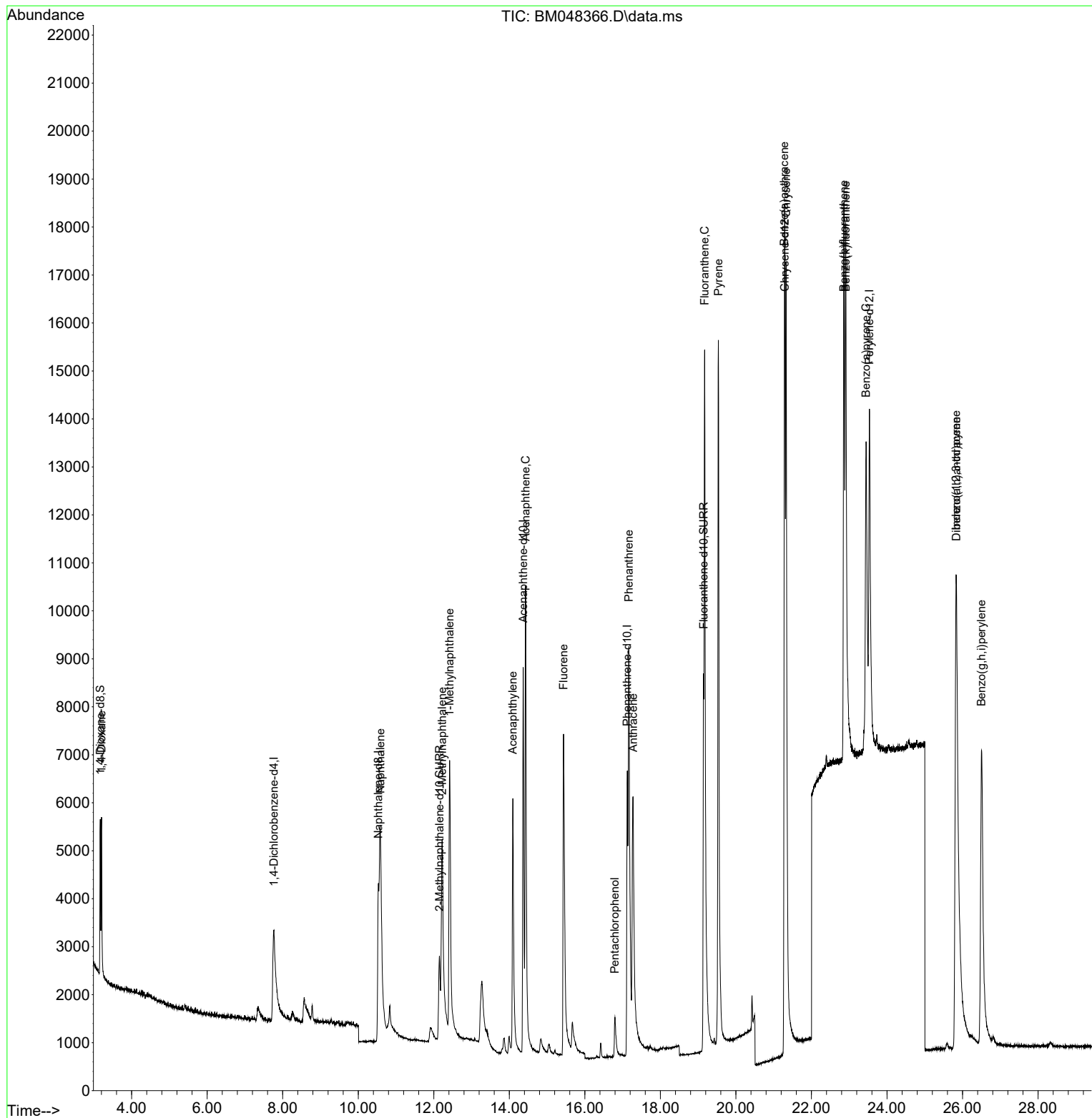
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.762	152	3291	0.400	ng/ul	0.01
4) Naphthalene-d8	10.534	136	11710	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.367	164	6877	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.123	188	14744	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	13627	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	13784	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1947	0.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.150	152	5791	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.145	212	14492	0.419	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.202	88	2201	0.502	ng/ul	95
5) Naphthalene	10.589	128	11909	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.222	142	6820	0.375	ng/ul	98
8) 1-Methylnaphthalene	12.420	142	7721	0.398	ng/ul	100
10) Acenaphthylene	14.094	152	10306	0.388	ng/ul	99
11) Acenaphthene	14.431	153	8562	0.402	ng/ul	98
12) Fluorene	15.435	166	9468	0.400	ng/ul	100
14) Pentachlorophenol	16.794	266	1294	0.315	ng/ul	97
15) Phenanthrene	17.165	178	14081	0.384	ng/ul	99
16) Anthracene	17.275	178	13065	0.381	ng/ul	99
19) Fluoranthene	19.173	202	19223	0.409	ng/ul	99
20) Pyrene	19.535	202	20649	0.410	ng/ul	99
21) Benzo(a)anthracene	21.283	228	15451	0.379	ng/ul	99
22) Chrysene	21.327	228	23017	0.410	ng/ul	100
24) Benzo(b)fluoranthene	22.859	252	18177	0.386	ng/ul	98
25) Benzo(k)fluoranthene	22.905	252	22697	0.407	ng/ul	99
26) Benzo(a)pyrene	23.446	252	17397	0.393	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.829	276	23338	0.377	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.840	278	18181	0.377	ng/ul	99
29) Benzo(g,h,i)perylene	26.500	276	20014	0.384	ng/ul	99

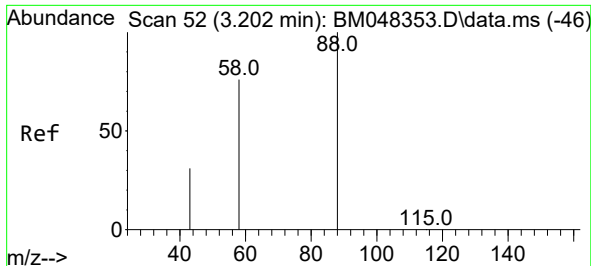
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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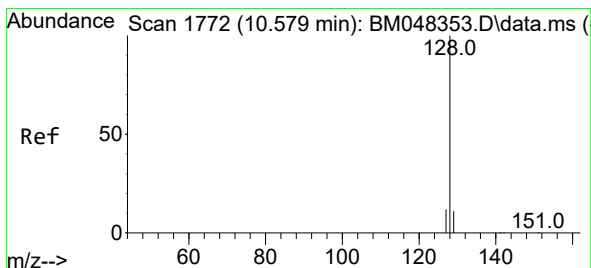
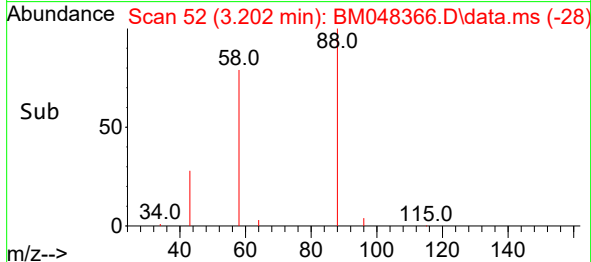
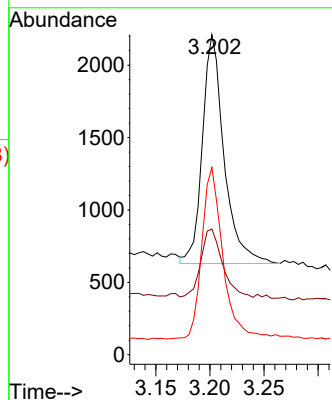
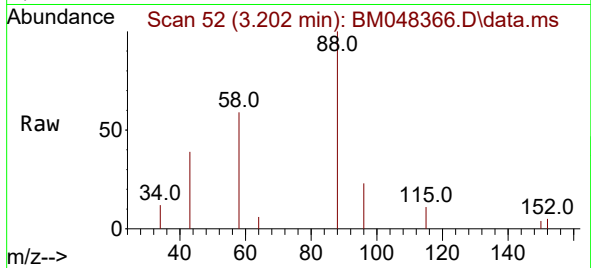




#2
1,4-Dioxane
Concen: 0.502 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

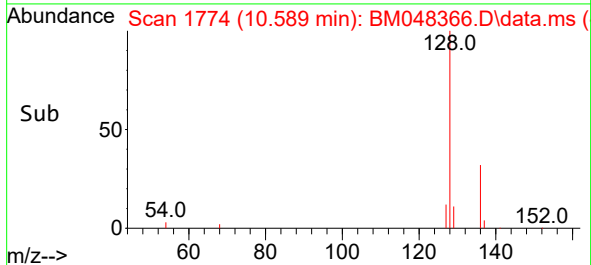
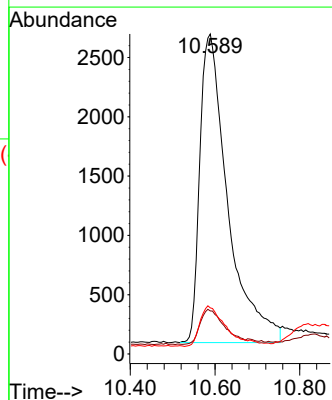
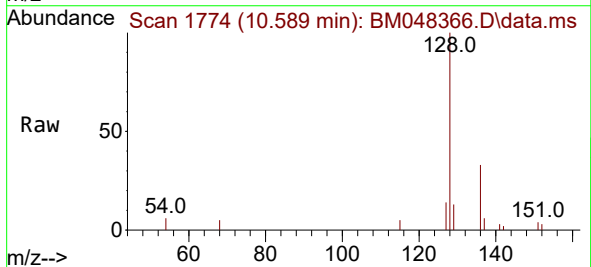
Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

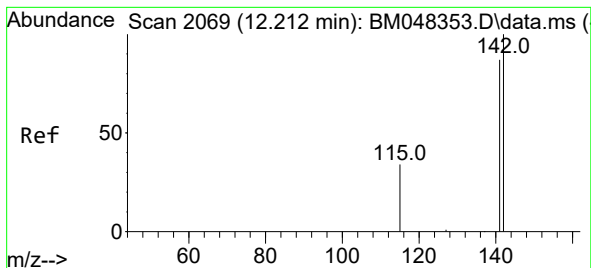
Tgt Ion: 88 Resp: 2201
Ion Ratio Lower Upper
88 100
43 39.3 36.2 54.4
58 58.5 47.4 71.0



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.589 min Scan# 1774
Delta R.T. 0.010 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion: 128 Resp: 11909
Ion Ratio Lower Upper
128 100
129 13.4 10.6 15.8
127 14.4 11.4 17.2

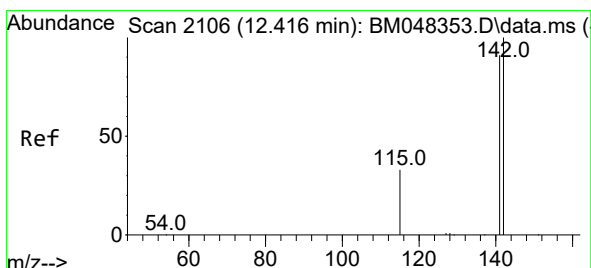
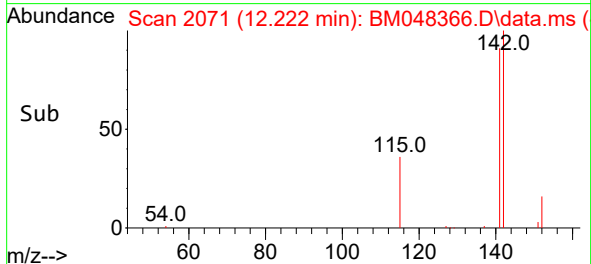
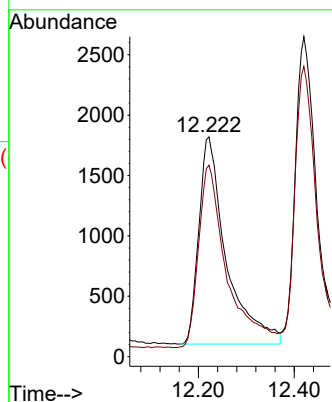
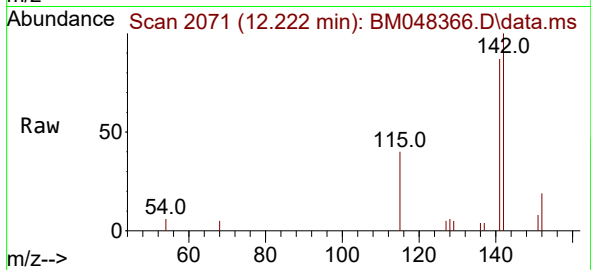




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.222 min Scan# 2069
Delta R.T. 0.010 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

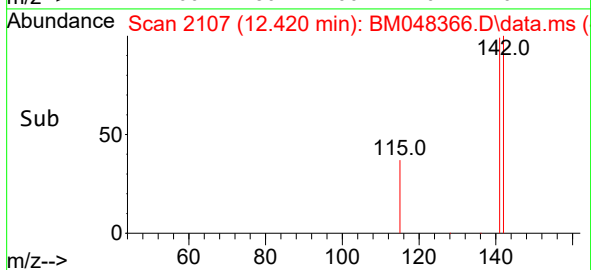
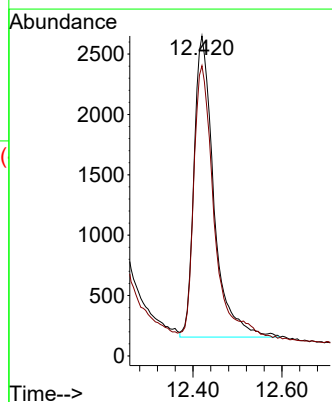
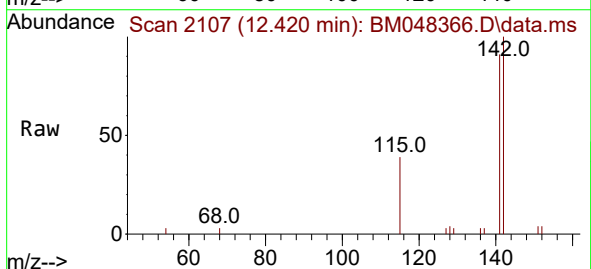
Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

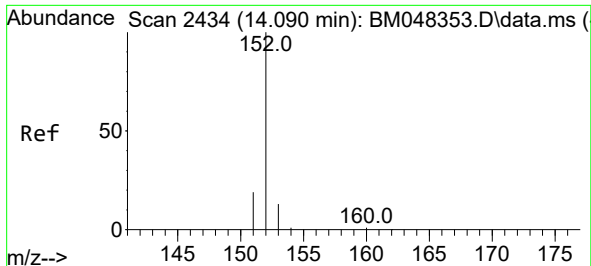
Tgt Ion:142 Resp: 6820
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.420 min Scan# 2107
Delta R.T. 0.004 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:142 Resp: 7721
Ion Ratio Lower Upper
142 100
141 94.2 75.5 113.3

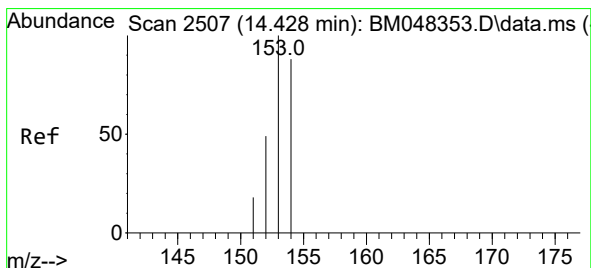
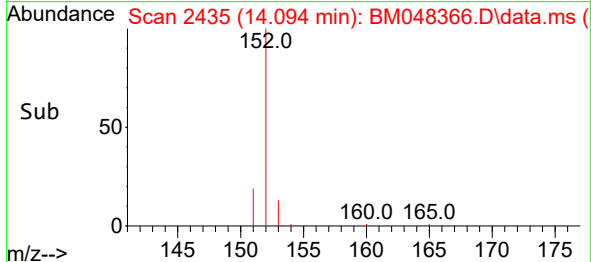
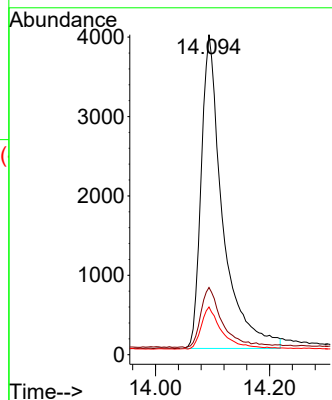
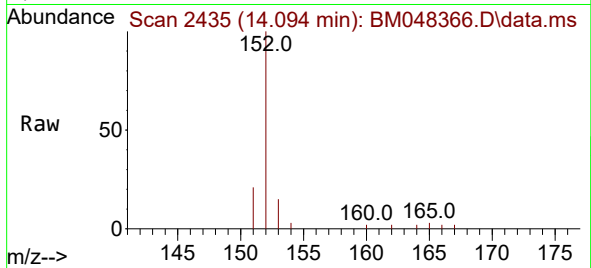




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.094 min Scan# 2435
Delta R.T. 0.003 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

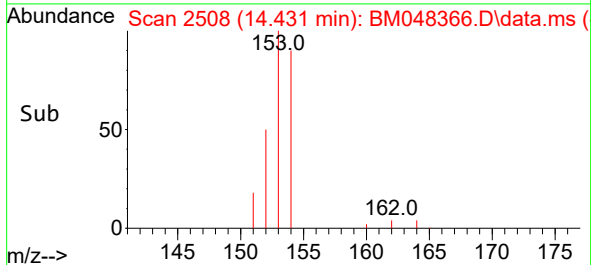
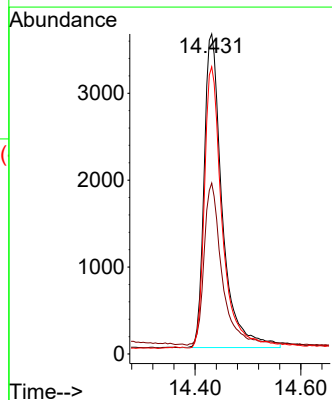
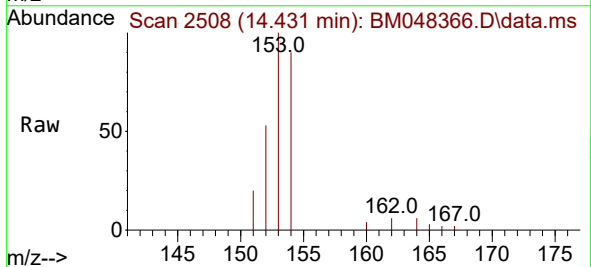
Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

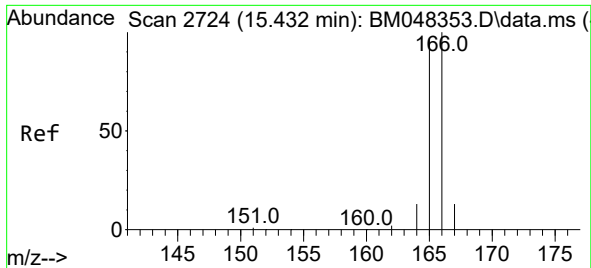
Tgt Ion:152 Resp: 10306
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.9 11.8 17.6



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.431 min Scan# 2508
Delta R.T. 0.003 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:153 Resp: 8562
Ion Ratio Lower Upper
153 100
152 53.4 40.7 61.1
154 89.7 70.6 106.0

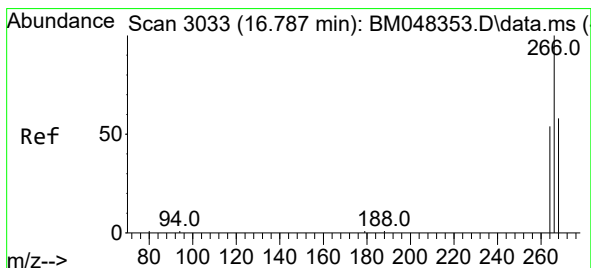
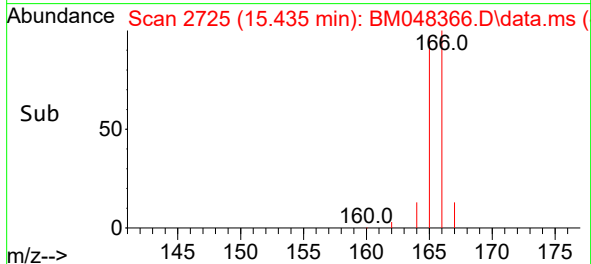
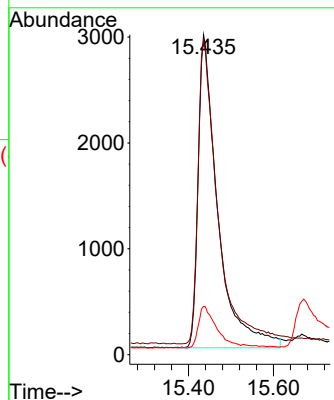
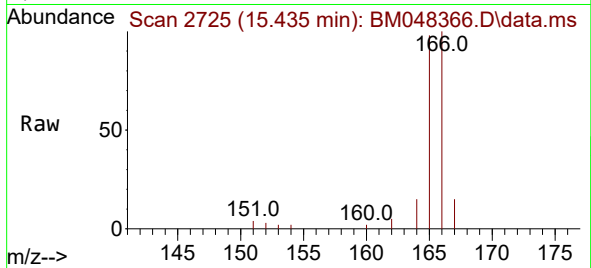




#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.435 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

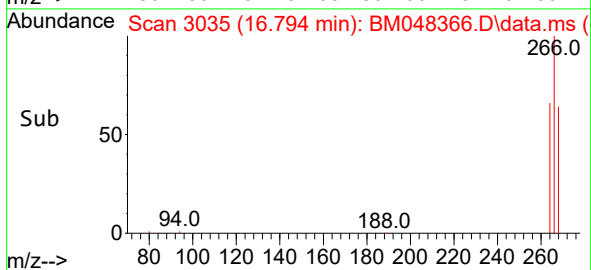
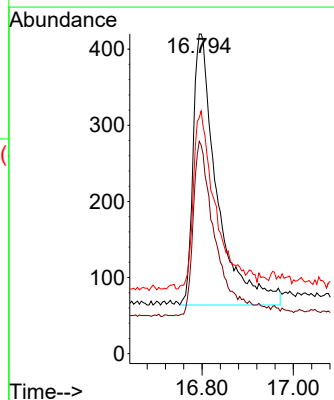
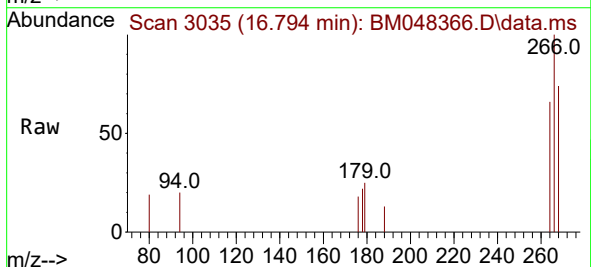
Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

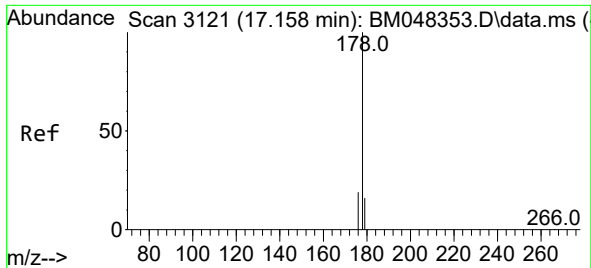
Tgt Ion:166 Resp: 9468
Ion Ratio Lower Upper
166 100
165 98.2 78.6 118.0
167 15.1 12.1 18.1



#14
Pentachlorophenol
Concen: 0.315 ng/ul
RT: 16.794 min Scan# 3035
Delta R.T. 0.007 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:266 Resp: 1294
Ion Ratio Lower Upper
266 100
264 60.4 48.3 72.5
268 61.6 46.2 69.4

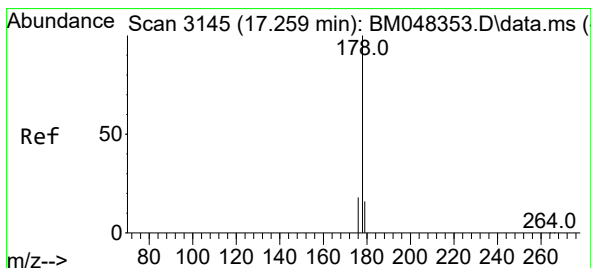
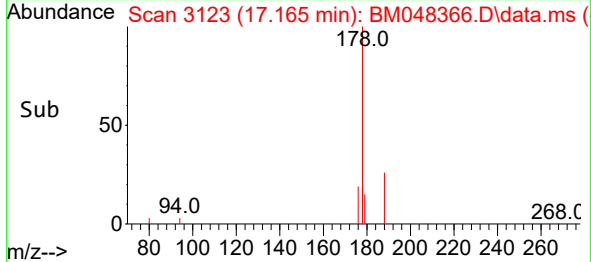
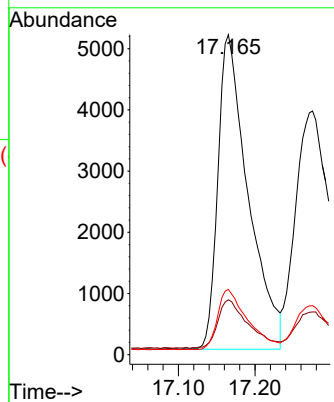
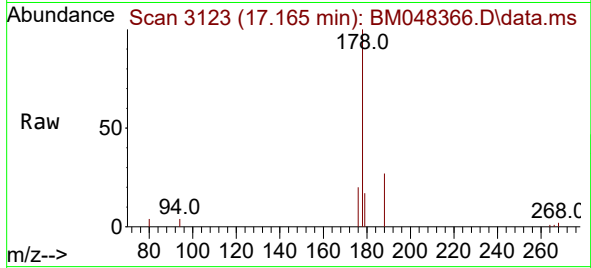




#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.165 min Scan# 3121
Delta R.T. 0.007 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

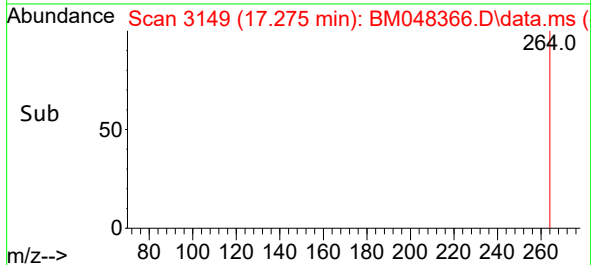
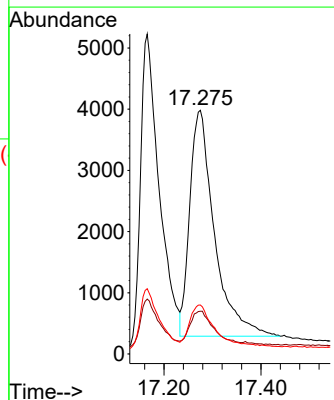
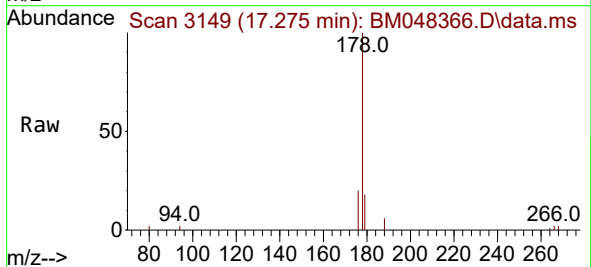
Instrument :
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ClientSampleId :
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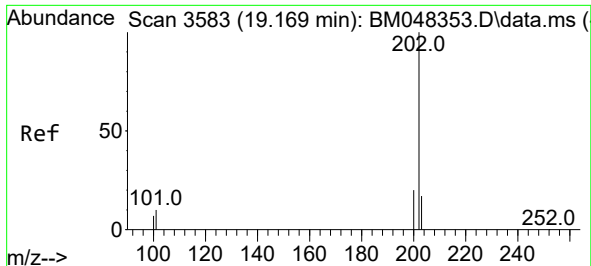
Tgt Ion:	178	Resp:	14081
Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.9	20.9
176	20.4	16.0	24.0



#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.275 min Scan# 3149
Delta R.T. 0.016 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:	178	Resp:	13065
Ion	Ratio	Lower	Upper
178	100		
179	17.5	14.2	21.2
176	20.1	15.8	23.6

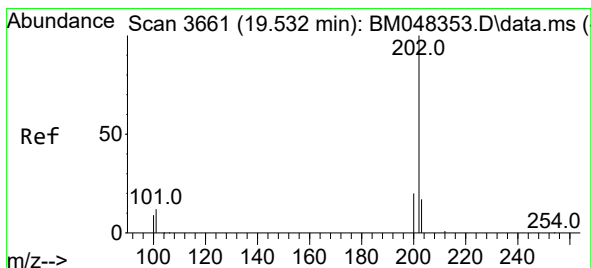
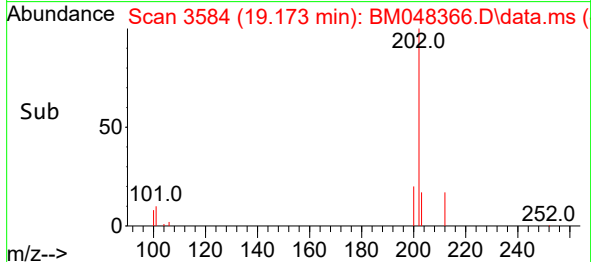
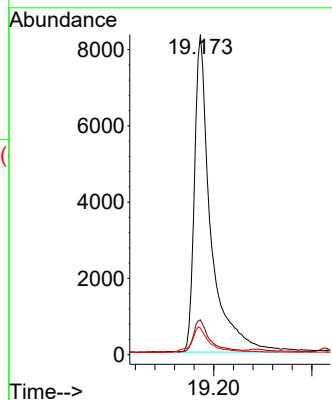
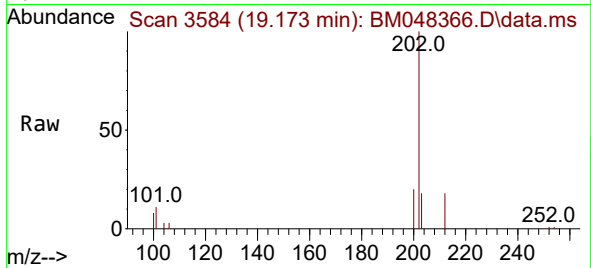




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.173 min Scan# 3584
Delta R.T. 0.003 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

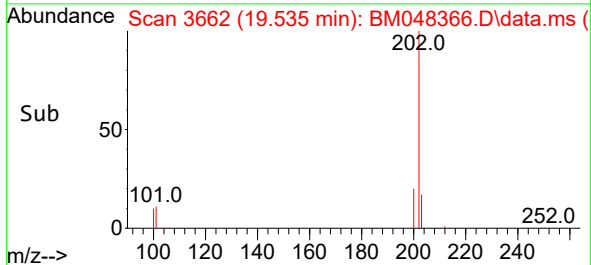
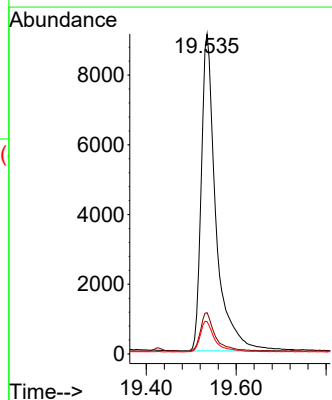
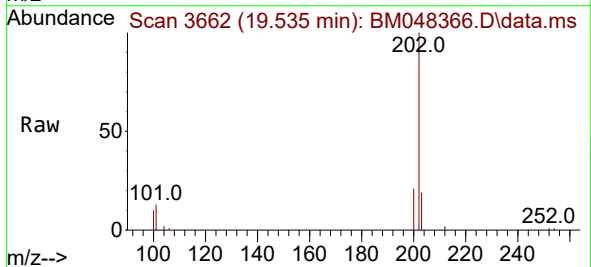
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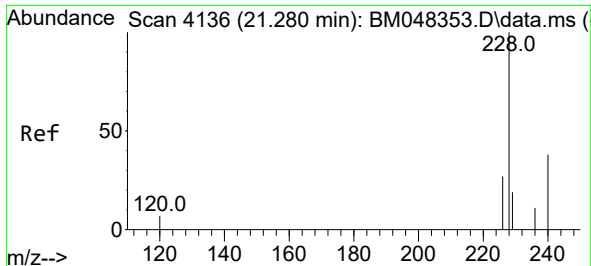
Tgt Ion:	202	Resp:	19223
Ion Ratio	Lower	Upper	
202	100		
101	10.9	9.0	13.4
100	8.4	6.6	10.0



#20
Pyrene
Concen: 0.410 ng/ul
RT: 19.535 min Scan# 3662
Delta R.T. 0.003 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:	202	Resp:	20649
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.0	15.0
100	10.1	8.0	12.0

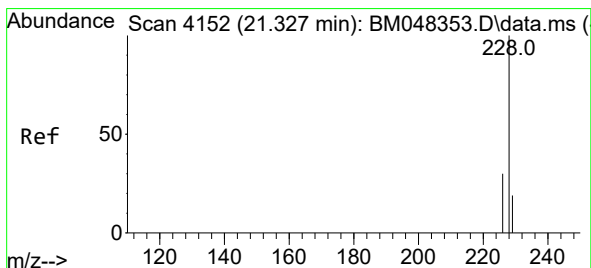
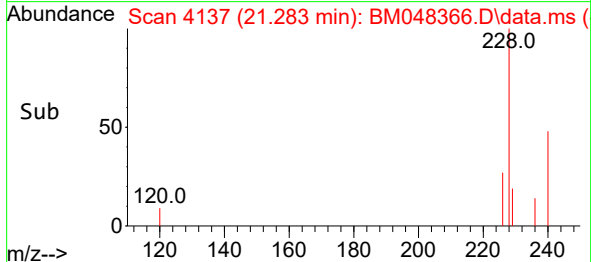
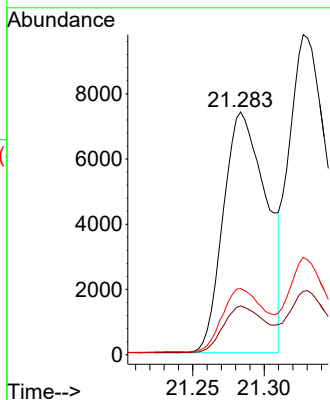
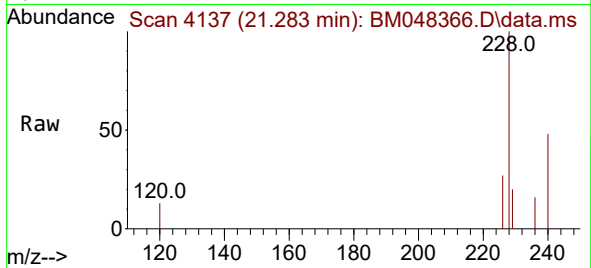




#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.283 min Scan# 4137
Delta R.T. 0.003 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

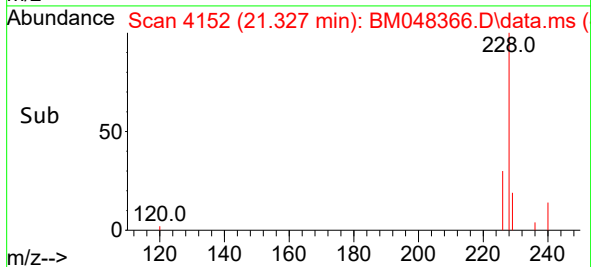
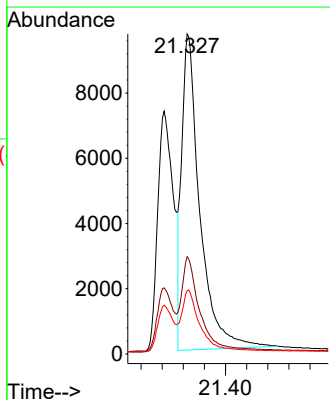
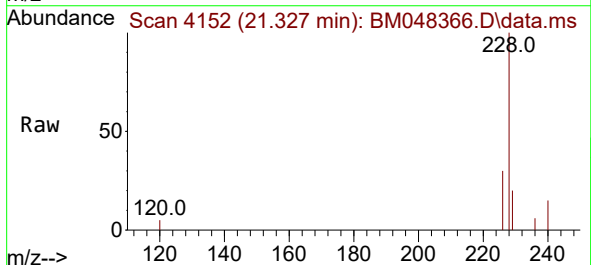
Instrument :
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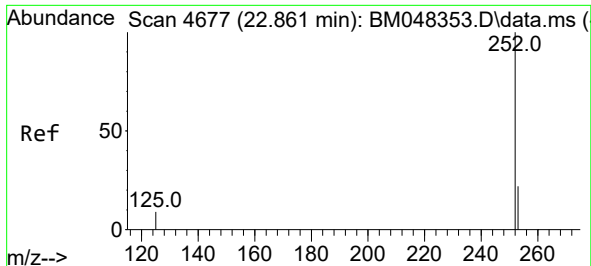
Tgt Ion:228 Resp: 15451
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.327 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:228 Resp: 23017
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 19.8 15.9 23.9

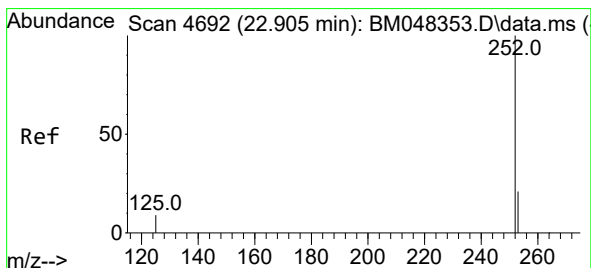
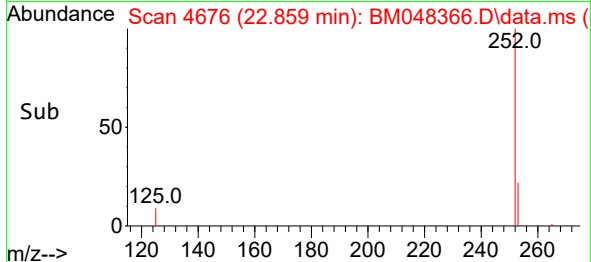
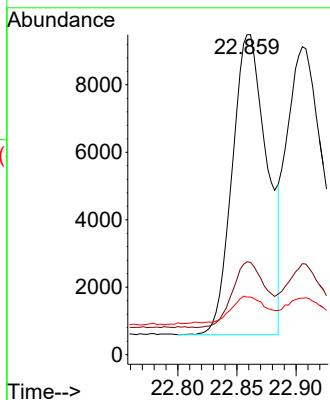
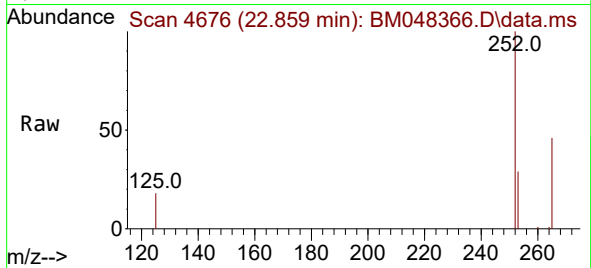




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.859 min Scan# 4676
Delta R.T. -0.003 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

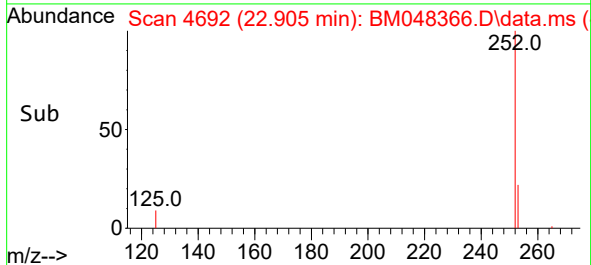
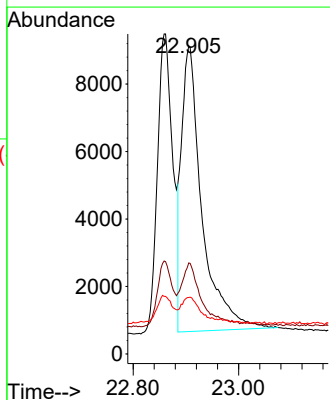
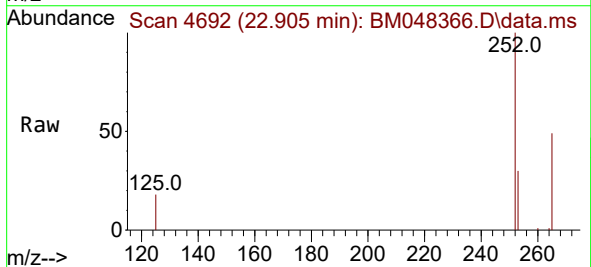
Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

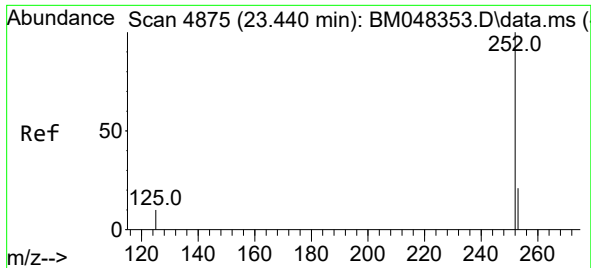
Tgt Ion:252 Resp: 18177
Ion Ratio Lower Upper
252 100
253 29.1 0.0 59.4
125 18.0 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 22.905 min Scan# 4692
Delta R.T. 0.000 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:252 Resp: 22697
Ion Ratio Lower Upper
252 100
253 29.6 23.4 35.0
125 18.3 15.3 22.9

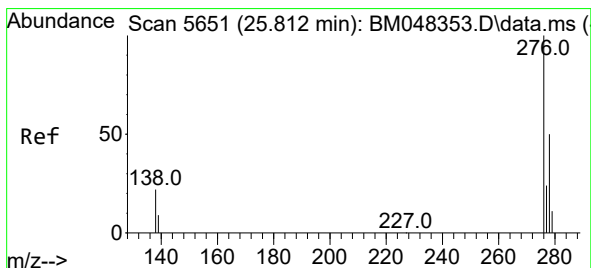
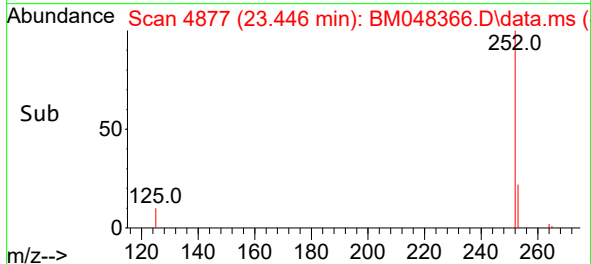
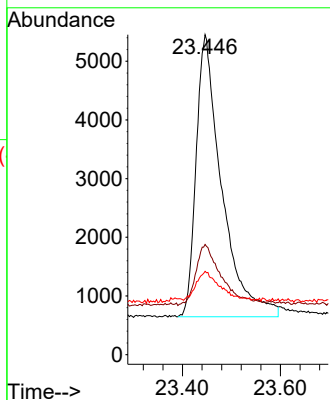
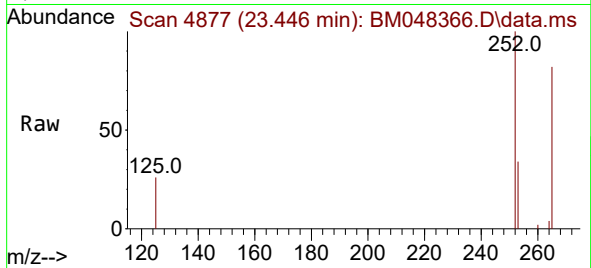




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.446 min Scan# 4877
Delta R.T. 0.006 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

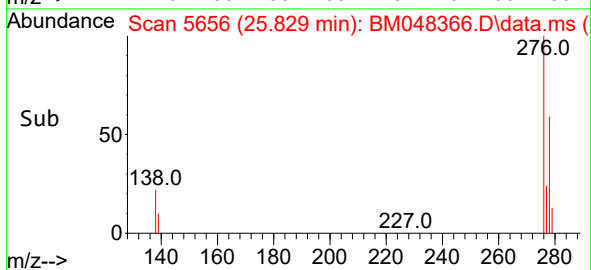
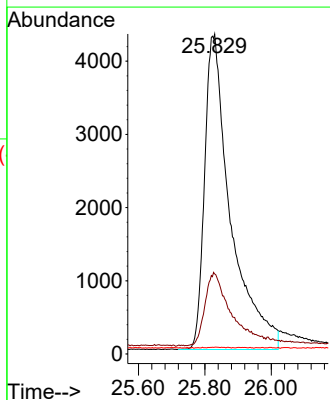
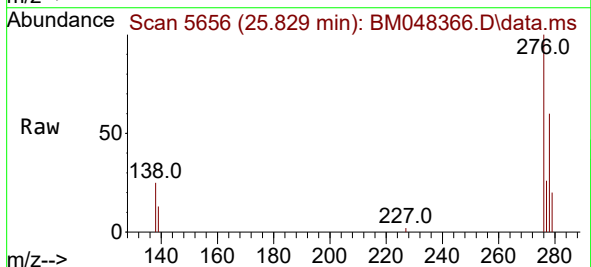
Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

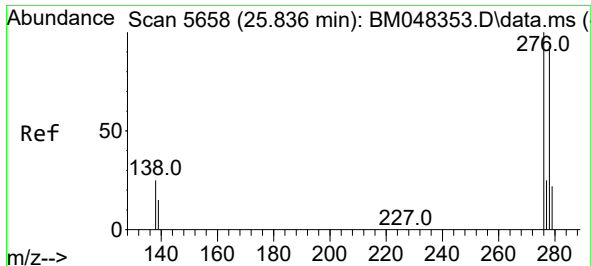
Tgt Ion:252 Resp: 17397
Ion Ratio Lower Upper
252 100
253 34.5 27.7 41.5
125 26.0 21.1 31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 25.829 min Scan# 5656
Delta R.T. 0.017 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:276 Resp: 23338
Ion Ratio Lower Upper
276 100
138 24.2 19.6 29.4
227 0.0 0.1 0.1#

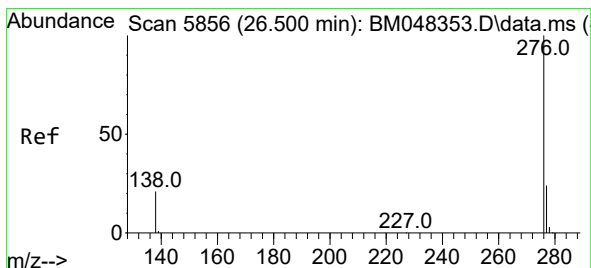
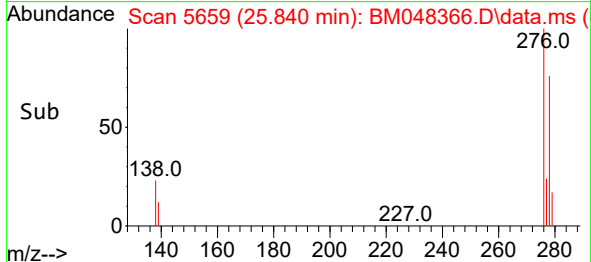
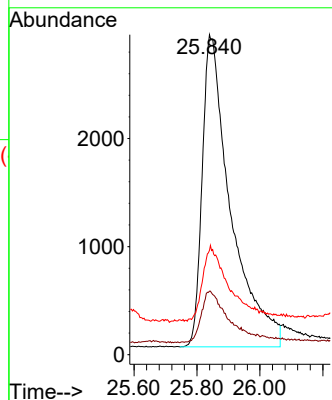
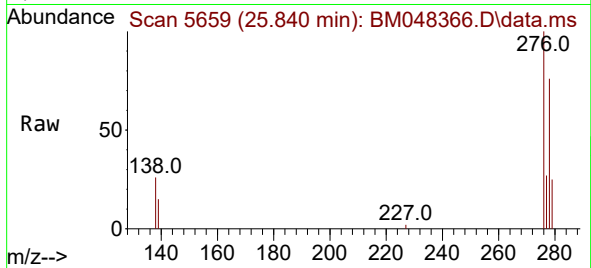




#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 25.840 min Scan# 5658
Delta R.T. 0.004 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

Tgt Ion:278 Resp: 18181
Ion Ratio Lower Upper
278 100
139 19.8 15.6 23.4
279 32.6 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 26.500 min Scan# 5856
Delta R.T. 0.000 min
Lab File: BM048366.D
Acq: 31 Oct 2024 20:13

Tgt Ion:276 Resp: 20014
Ion Ratio Lower Upper
276 100
138 23.4 19.0 28.6
277 25.3 20.6 31.0

