

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048508.D
 Acq On : 07 Nov 2024 12:30
 Operator : RC/JU
 Sample : PB164617BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS617

Quant Time: Nov 07 13:50:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:39:10 2024
 Response via : Initial Calibration

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

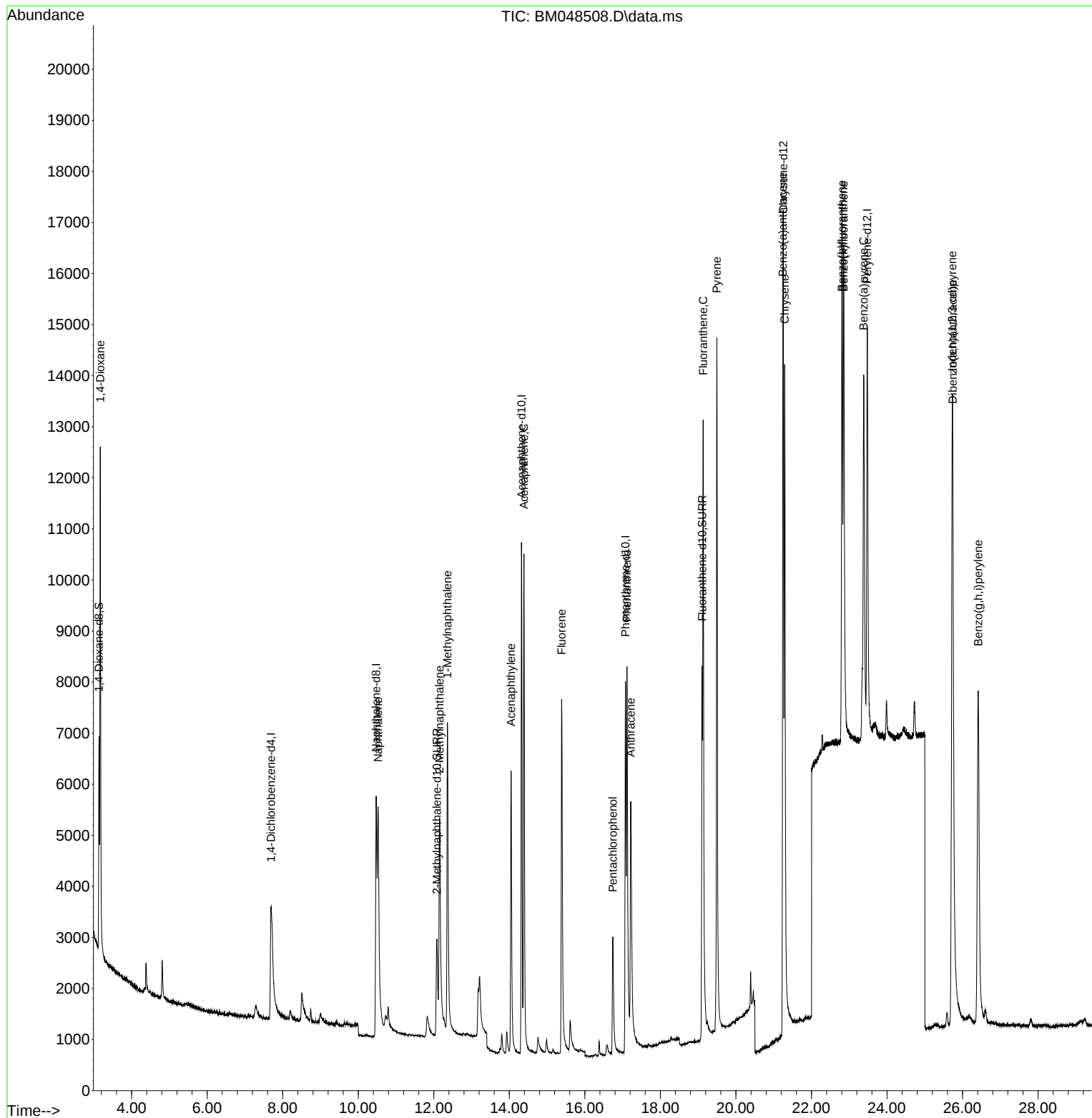
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.691	152	3499	0.400	ng/ul	0.00
4) Naphthalene-d8	10.475	136	11979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.322	164	6829	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.074	188	13163	0.400	ng/ul	0.00
17) Chrysene-d12	21.254	240	11202	0.400	ng/ul	0.00
23) Perylene-d12	23.478	264	13162	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	2665	0.631	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.080	152	5160	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.104	212	10970	0.349	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	7207	1.485	ng/ul#	68
5) Naphthalene	10.524	128	9680	0.323	ng/ul	98
7) 2-Methylnaphthalene	12.152	142	5742	0.304	ng/ul	94
8) 1-Methylnaphthalene	12.361	142	6374	0.330	ng/ul	99
10) Acenaphthylene	14.044	152	8687	0.335	ng/ul	99
11) Acenaphthene	14.386	153	6712	0.324	ng/ul	98
12) Fluorene	15.386	166	7155	0.317	ng/ul	99
14) Pentachlorophenol	16.740	266	2509	0.519	ng/ul	95
15) Phenanthrene	17.116	178	10422	0.301	ng/ul	100
16) Anthracene	17.217	178	9551	0.297	ng/ul	99
19) Fluoranthene	19.132	202	13612	0.328	ng/ul	100
20) Pyrene	19.495	202	14839	0.330	ng/ul	99
21) Benzo(a)anthracene	21.242	228	12508	0.341	ng/ul	99
22) Chrysene	21.292	228	16001	0.364	ng/ul	99
24) Benzo(b)fluoranthene	22.808	252	14226	0.347	ng/ul	98
25) Benzo(k)fluoranthene	22.852	252	16720	0.348	ng/ul	98
26) Benzo(a)pyrene	23.382	252	13984	0.349	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.725	276	19485	0.349	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.742	278	15254	0.351	ng/ul	97
29) Benzo(g,h,i)perylene	26.416	276	16119	0.343	ng/ul	98

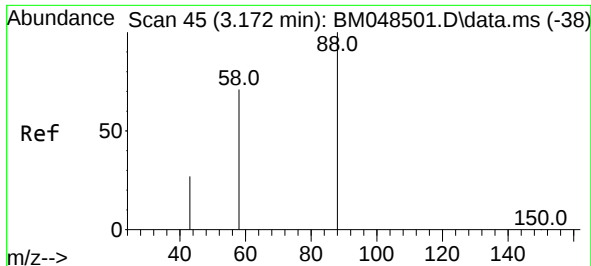
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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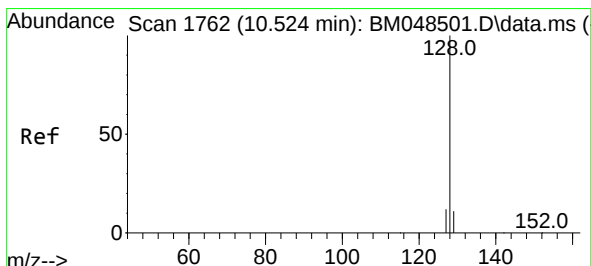
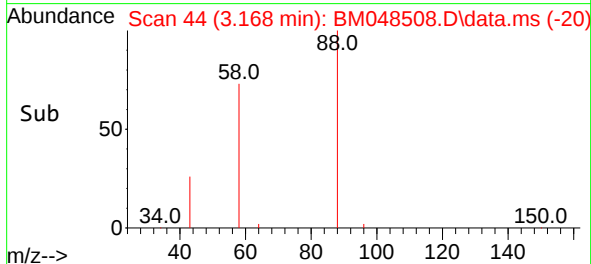
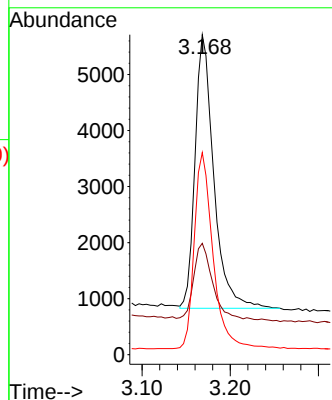
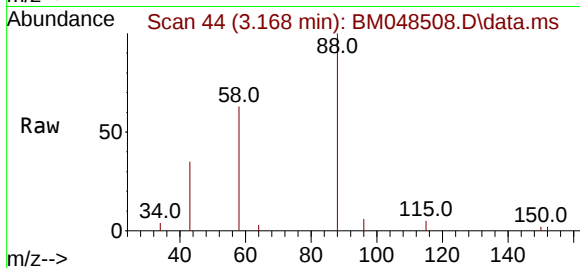




#2
1,4-Dioxane
Concen: 1.485 ng/ul
RT: 3.168 min Scan# 44
Delta R.T. 0.000 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

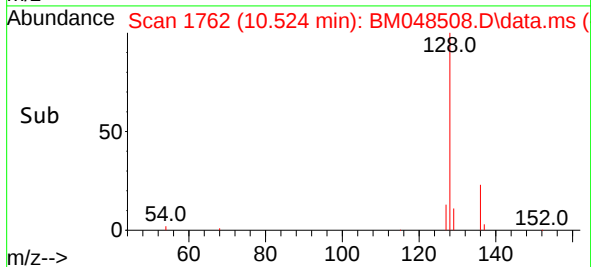
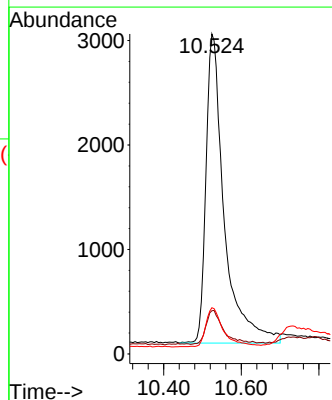
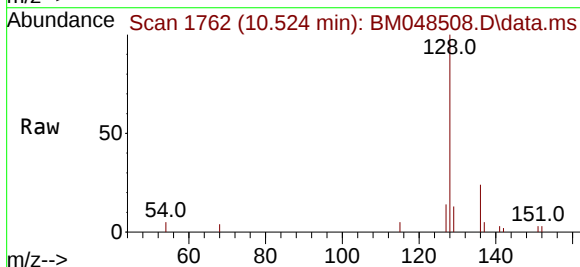
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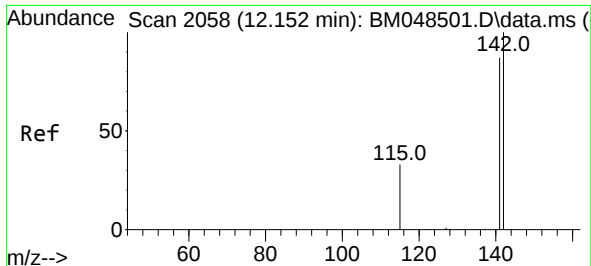
Tgt Ion: 88 Resp: 7207
Ion Ratio Lower Upper
88 100
43 34.8 60.2 90.4#
58 63.2 44.2 66.2



#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.524 min Scan# 1762
Delta R.T. 0.001 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion: 128 Resp: 9680
Ion Ratio Lower Upper
128 100
129 13.5 10.0 15.0
127 14.5 10.9 16.3

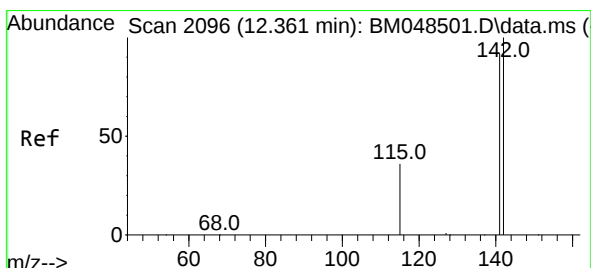
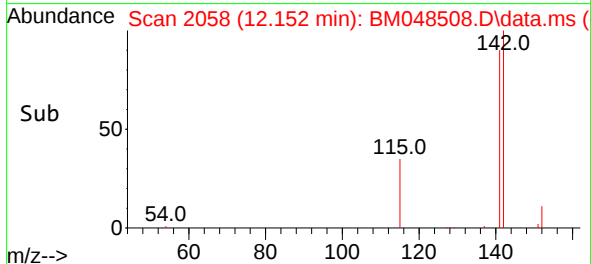
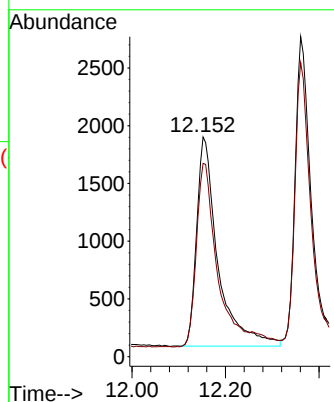
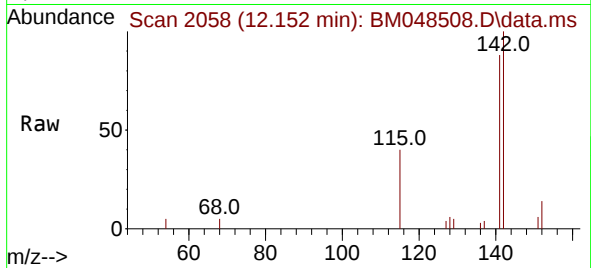




#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

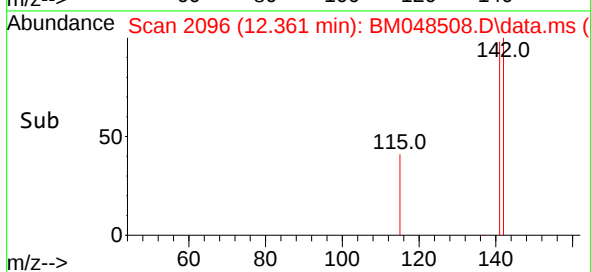
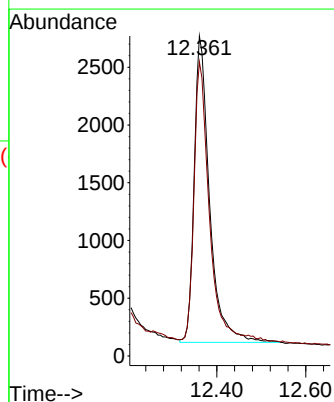
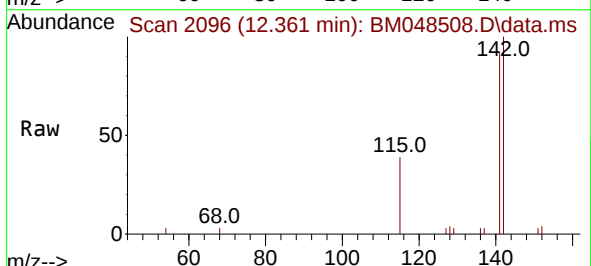
Instrument :
BNA_M
ClientSampleId :
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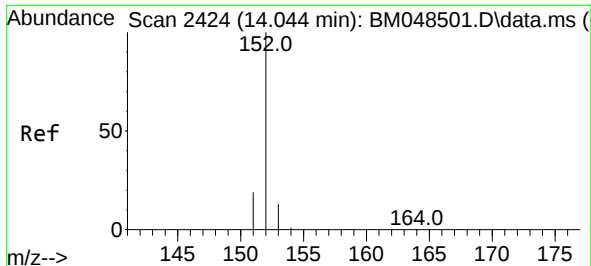
Tgt Ion:142 Resp: 5742
Ion Ratio Lower Upper
142 100
141 91.0 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.361 min Scan# 2096
Delta R.T. -0.004 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion:142 Resp: 6374
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2

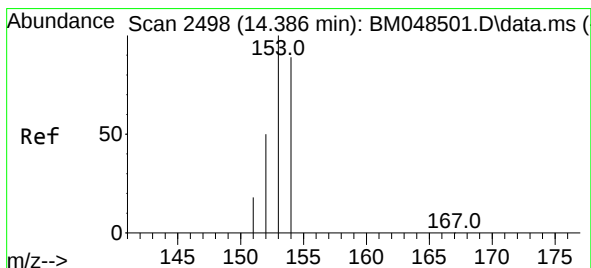
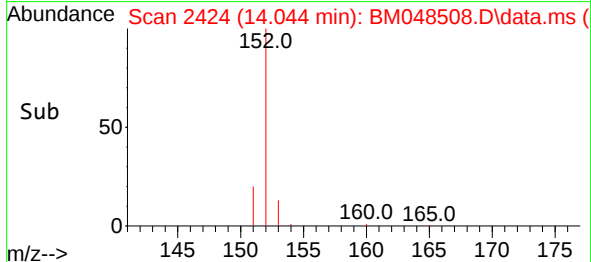
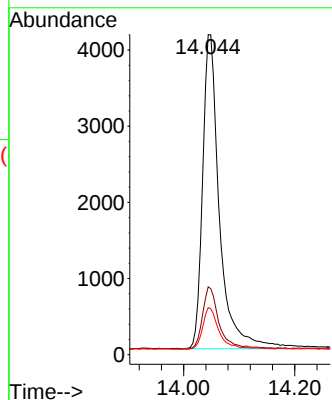
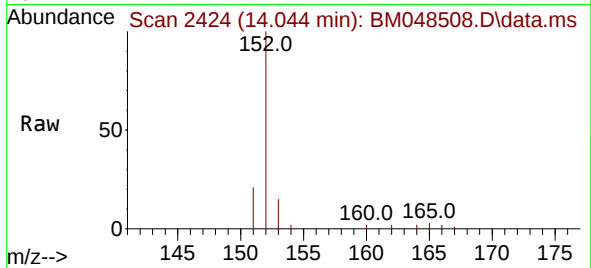




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.044 min Scan# 2424
Delta R.T. -0.008 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

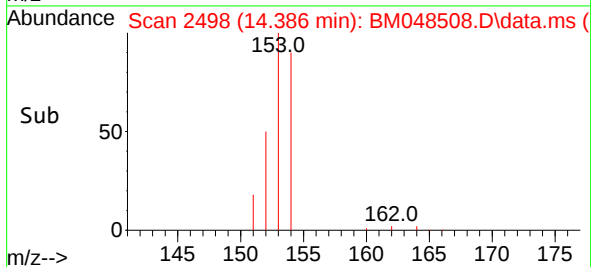
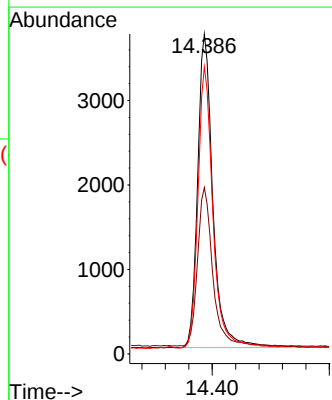
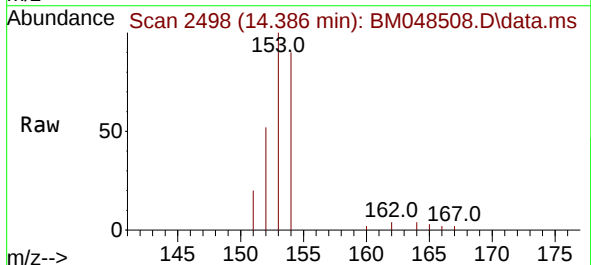
Instrument :
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ClientSampleId :
SLCS617

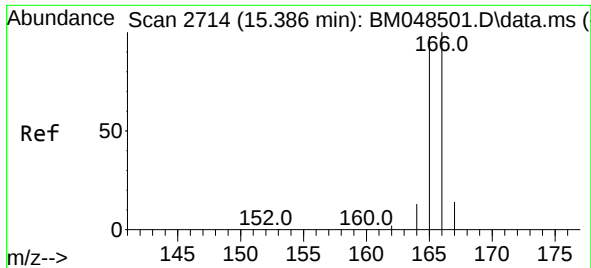
Tgt Ion:	152	Resp:	8687
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.5	24.7
153	14.7	11.6	17.4



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.386 min Scan# 2498
Delta R.T. -0.003 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion:	153	Resp:	6712
Ion Ratio	Lower	Upper	
153	100		
152	52.0	41.1	61.7
154	89.7	70.3	105.5

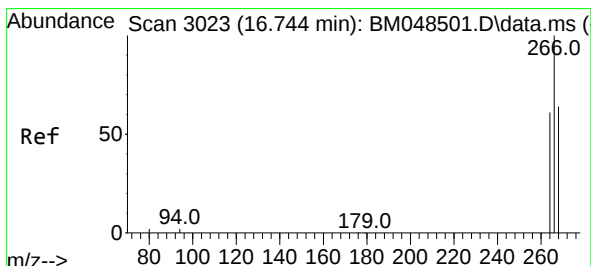
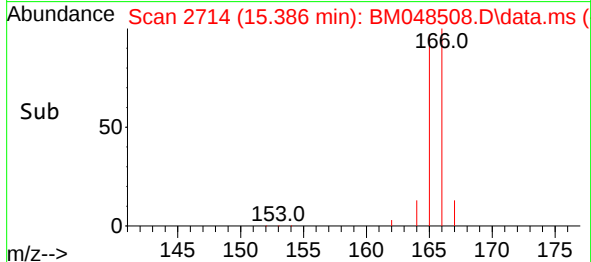
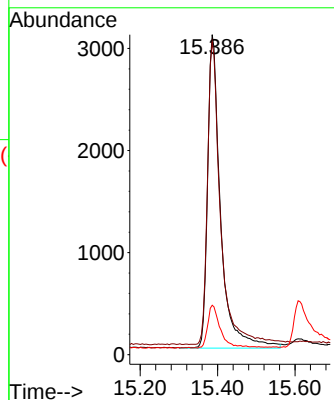
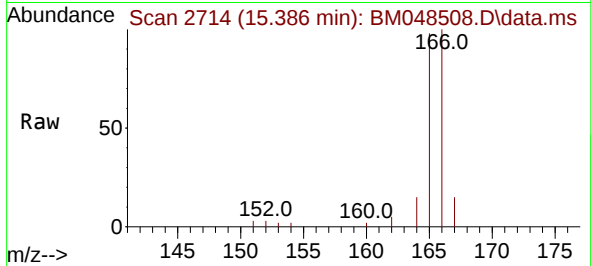




#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.386 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

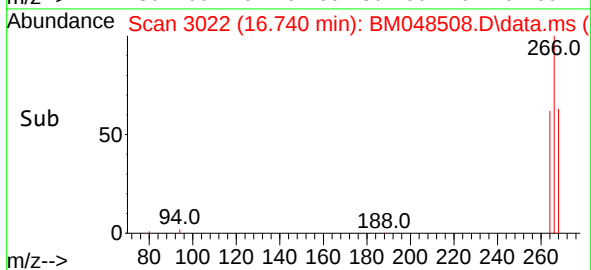
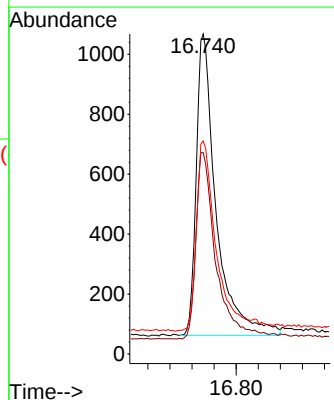
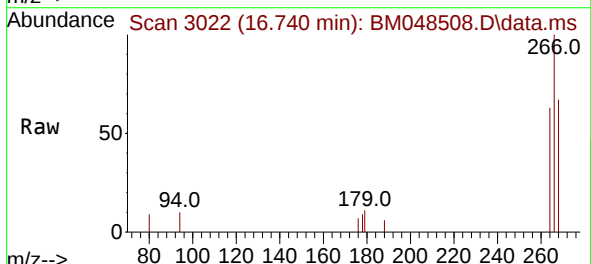
Instrument :
BNA_M
ClientSampleId :
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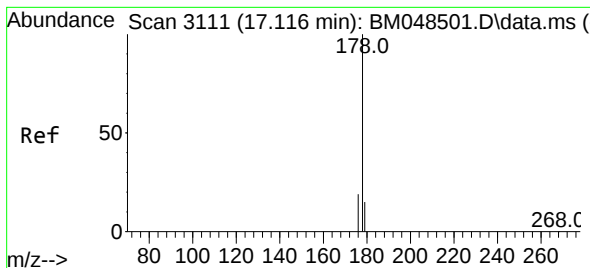
Tgt Ion:	166	Resp:	7155
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.7	118.1
167	15.4	12.6	18.8



#14
Pentachlorophenol
Concen: 0.519 ng/ul
RT: 16.740 min Scan# 3022
Delta R.T. -0.007 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion:	266	Resp:	2509
Ion Ratio	Lower	Upper	
266	100		
264	64.1	49.6	74.4
268	67.1	49.4	74.0





#15

Phenanthrene

Concen: 0.301 ng/ul

RT: 17.116 min Scan# 3111

Delta R.T. -0.003 min

Lab File: BM048508.D

Acq: 07 Nov 2024 12:30

Instrument :

BNA_M

ClientSampleId :

SLCS617

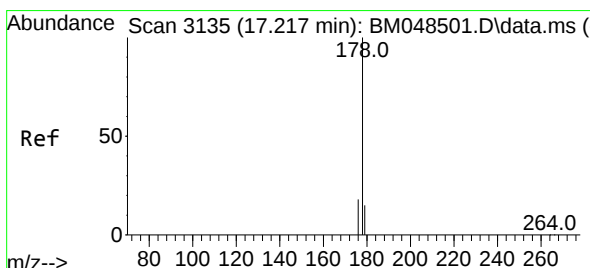
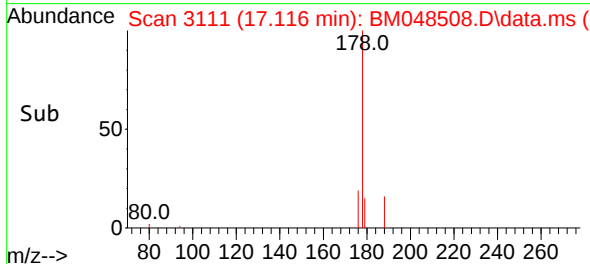
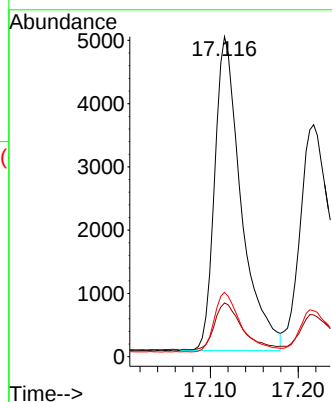
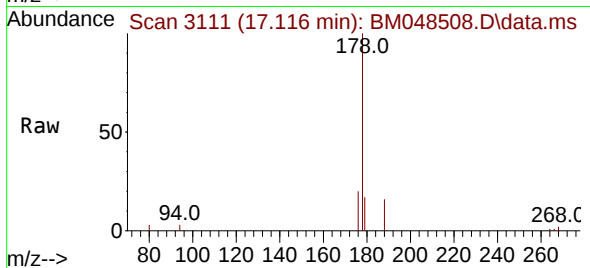
Tgt Ion:178 Resp: 10422

Ion Ratio Lower Upper

178 100

179 16.8 13.4 20.0

176 20.1 16.2 24.2



#16

Anthracene

Concen: 0.297 ng/ul

RT: 17.217 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BM048508.D

Acq: 07 Nov 2024 12:30

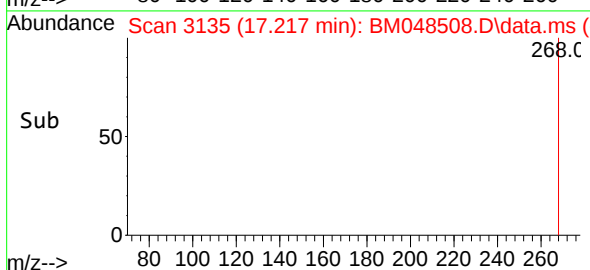
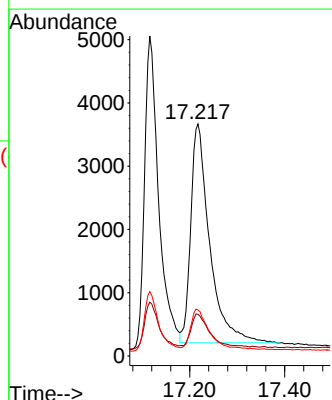
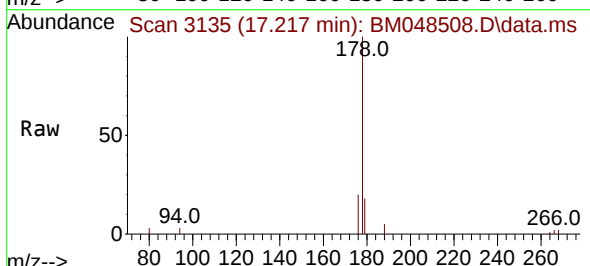
Tgt Ion:178 Resp: 9551

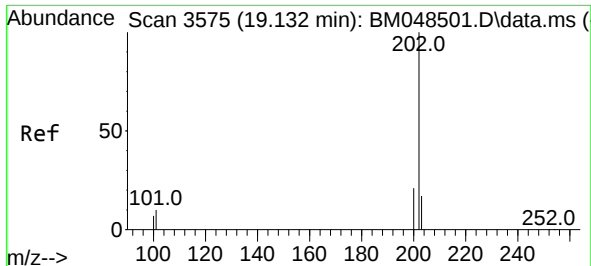
Ion Ratio Lower Upper

178 100

179 18.0 13.7 20.5

176 19.8 15.9 23.9

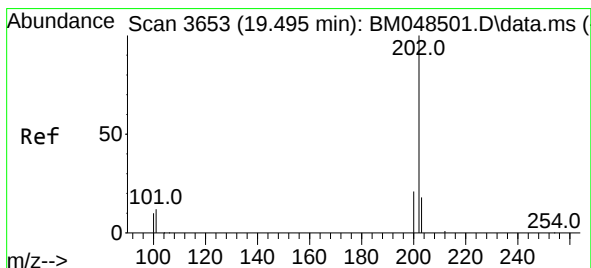
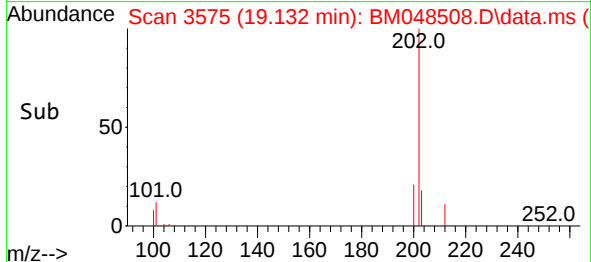
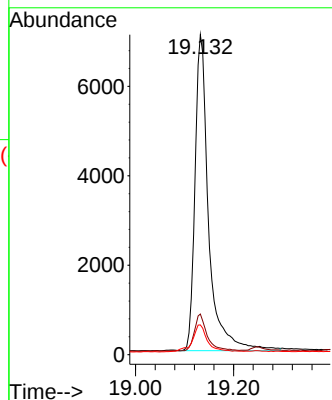
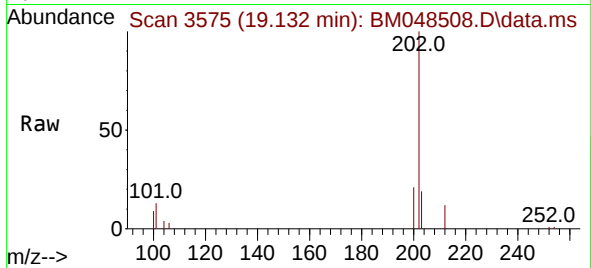




#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.132 min Scan# 3575
Delta R.T. -0.008 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

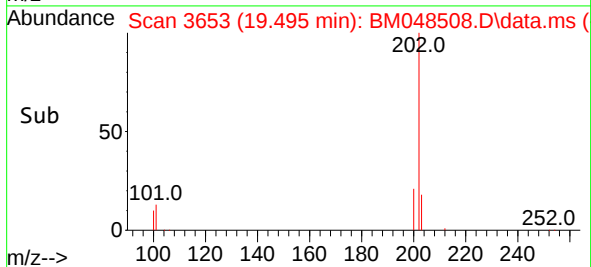
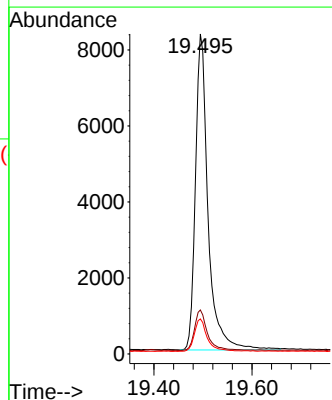
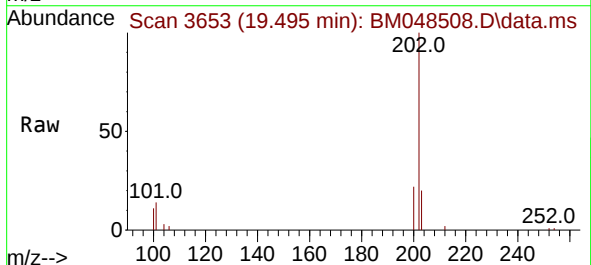
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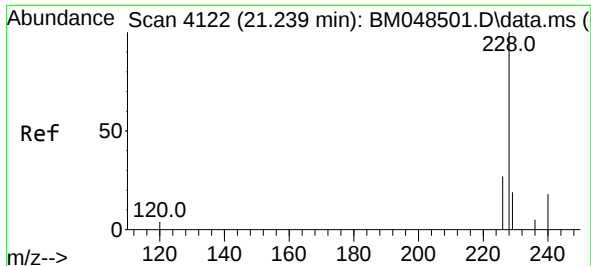
Tgt Ion:202 Resp: 13612
Ion Ratio Lower Upper
202 100
101 12.7 10.2 15.4
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.495 min Scan# 3653
Delta R.T. -0.008 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion:202 Resp: 14839
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.2
100 11.0 8.5 12.7

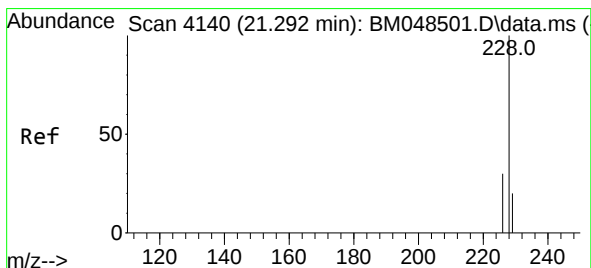
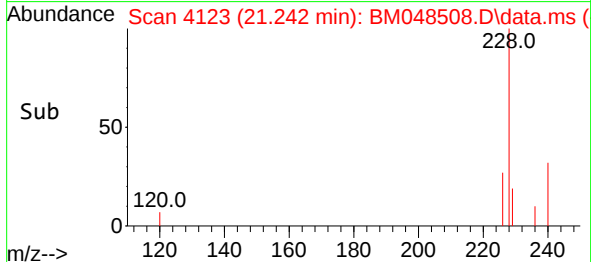
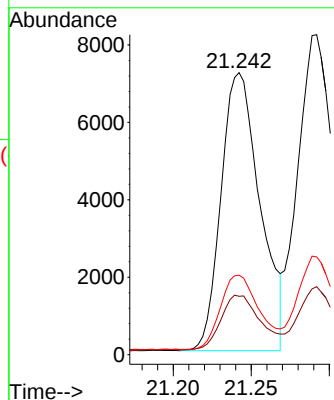
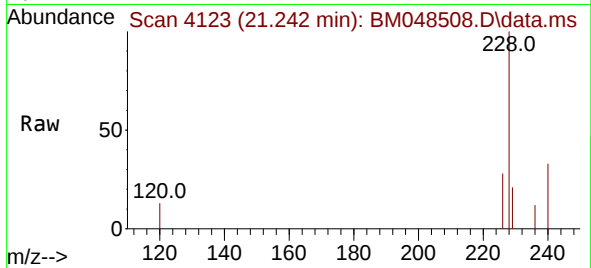




#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.242 min Scan# 4123
Delta R.T. -0.006 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

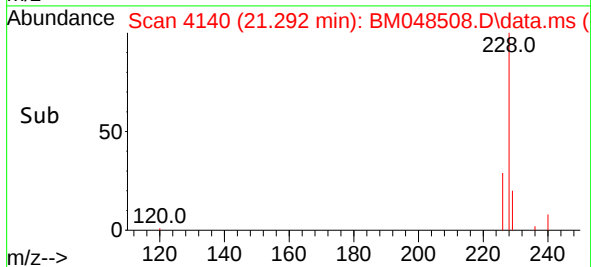
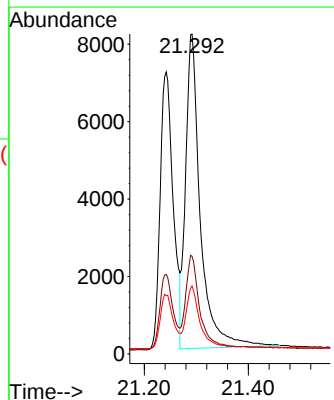
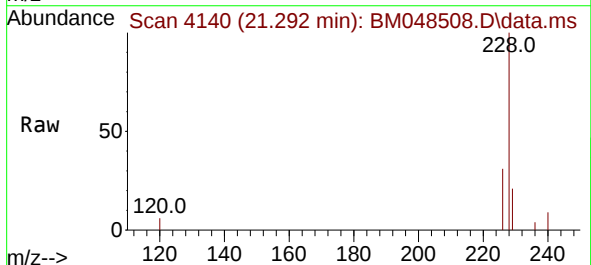
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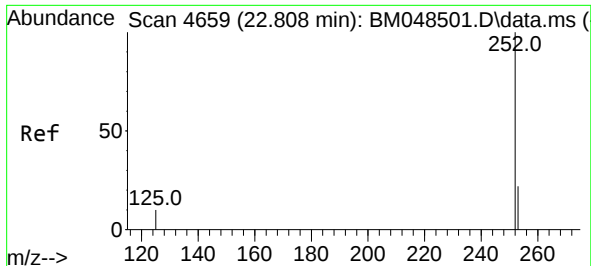
Tgt Ion:228 Resp: 12508
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 28.2 22.1 33.1



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.292 min Scan# 4140
Delta R.T. -0.009 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion:228 Resp: 16001
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 21.2 16.5 24.7

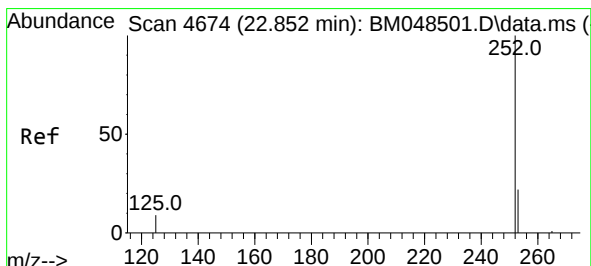
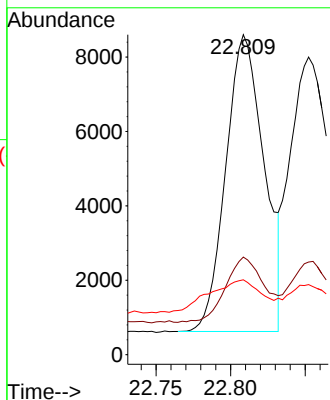
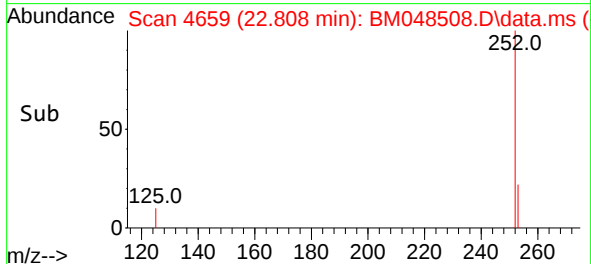
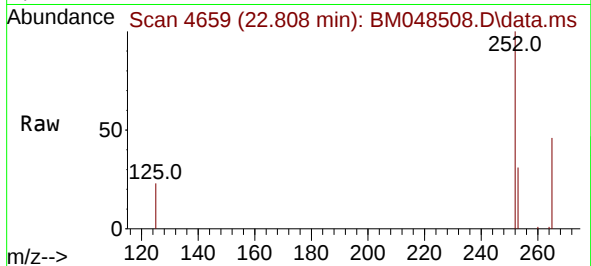




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 22.808 min Scan# 4659
Delta R.T. -0.015 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

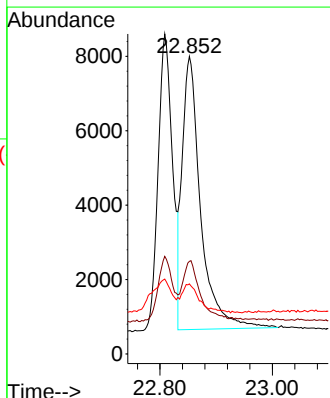
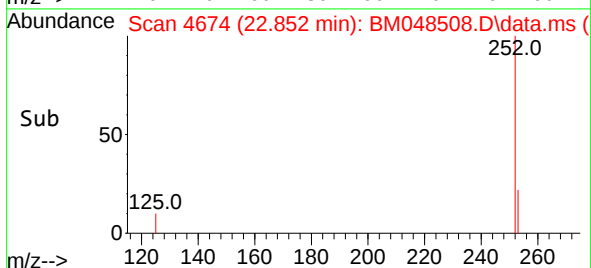
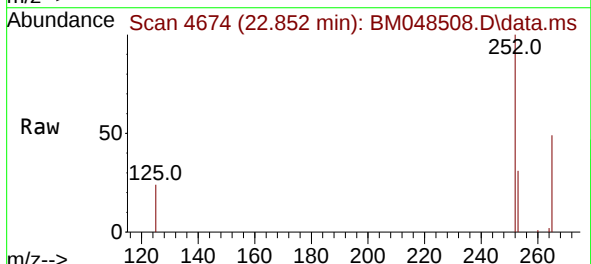
Instrument :
BNA_M
ClientSampleId :
SLCS617

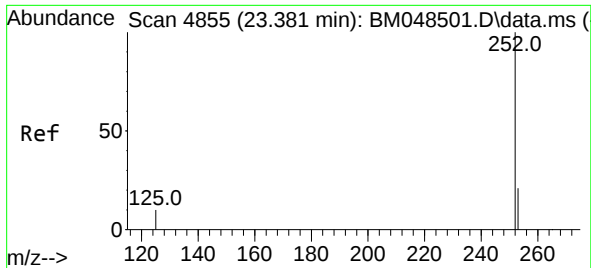
Tgt Ion:252 Resp: 14226
Ion Ratio Lower Upper
252 100
253 30.5 0.0 61.6
125 23.4 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 22.852 min Scan# 4674
Delta R.T. -0.015 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion:252 Resp: 16720
Ion Ratio Lower Upper
252 100
253 31.1 25.0 37.4
125 23.5 17.4 26.0

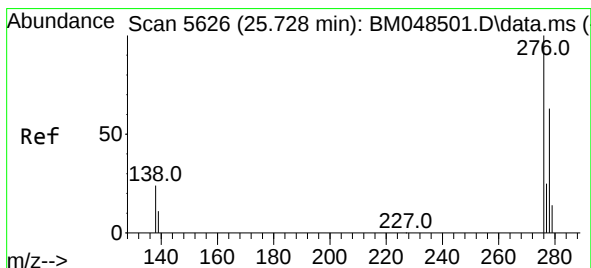
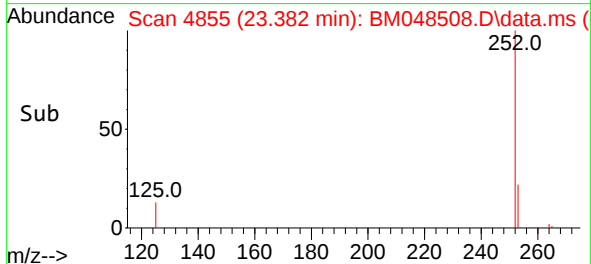
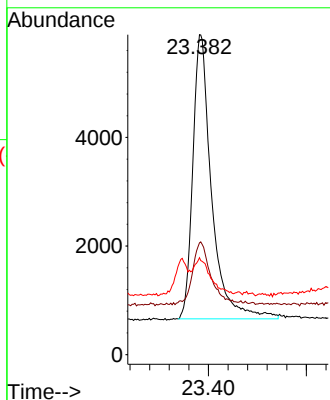
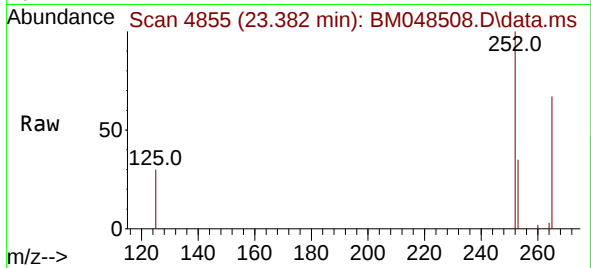




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.382 min Scan# 4855
Delta R.T. -0.021 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

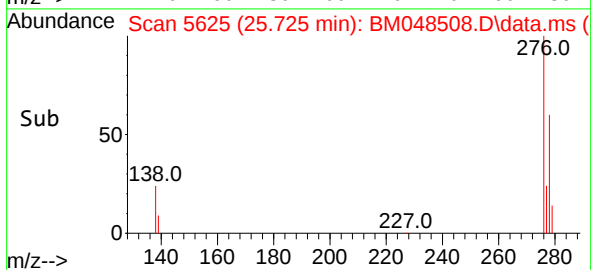
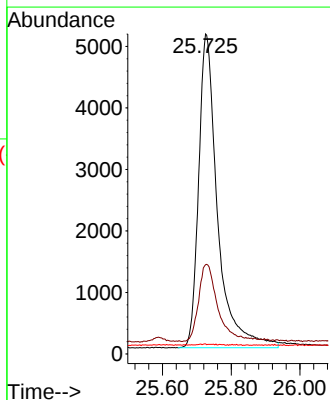
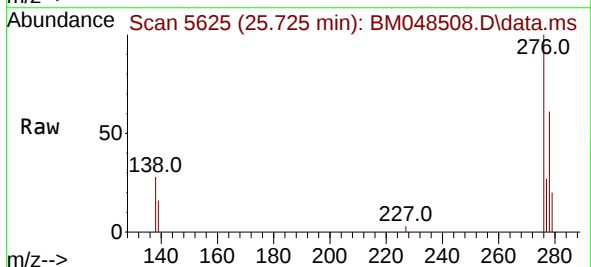
Instrument :
BNA_M
ClientSampleId :
SLCS617

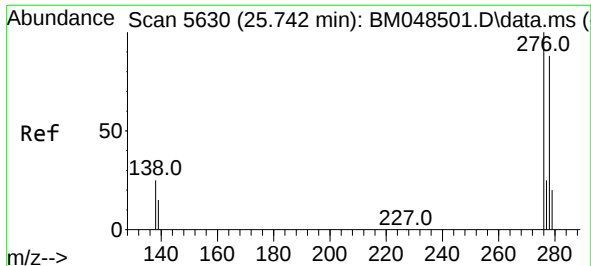
Tgt Ion:	252	Resp:	13984
Ion Ratio	Lower	Upper	
252	100		
253	34.9	29.6	44.4
125	30.3	23.9	35.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.725 min Scan# 5625
Delta R.T. -0.027 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion:	276	Resp:	19485
Ion Ratio	Lower	Upper	
276	100		
138	25.2	20.1	30.1
227	0.1	0.1	0.1

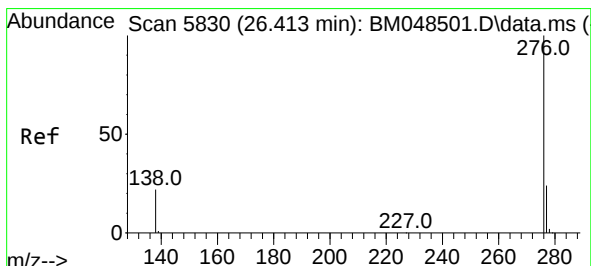
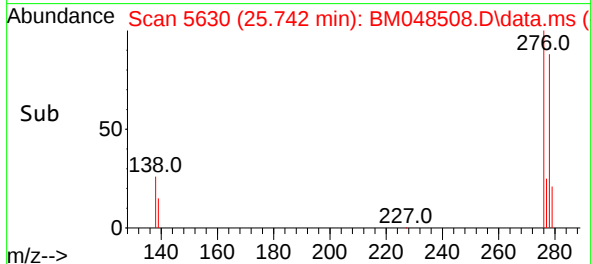
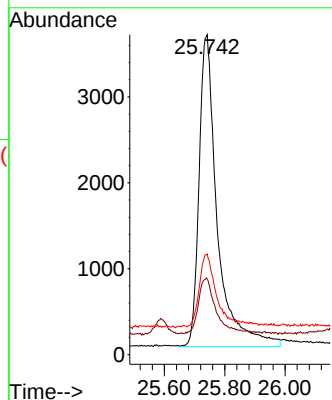
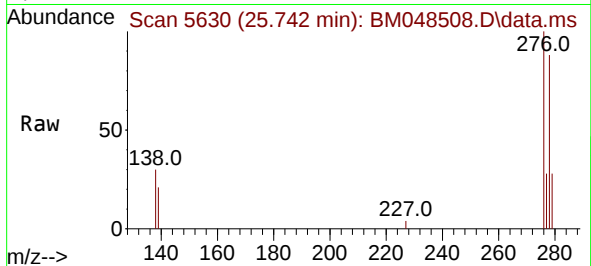




#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 25.742 min Scan# 5630
Delta R.T. -0.034 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Instrument :
BNA_M
ClientSampleId :
SLCS617

Tgt Ion:278 Resp: 15254
Ion Ratio Lower Upper
278 100
139 23.7 17.8 26.8
279 31.4 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.416 min Scan# 5831
Delta R.T. -0.027 min
Lab File: BM048508.D
Acq: 07 Nov 2024 12:30

Tgt Ion:276 Resp: 16119
Ion Ratio Lower Upper
276 100
138 27.7 21.0 31.6
277 26.2 20.5 30.7

