

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048499.D
 Acq On : 07 Nov 2024 05:01
 Operator : RC/JU
 Sample : P4634-18MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0R7MS

Quant Time: Nov 07 05:29:47 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)

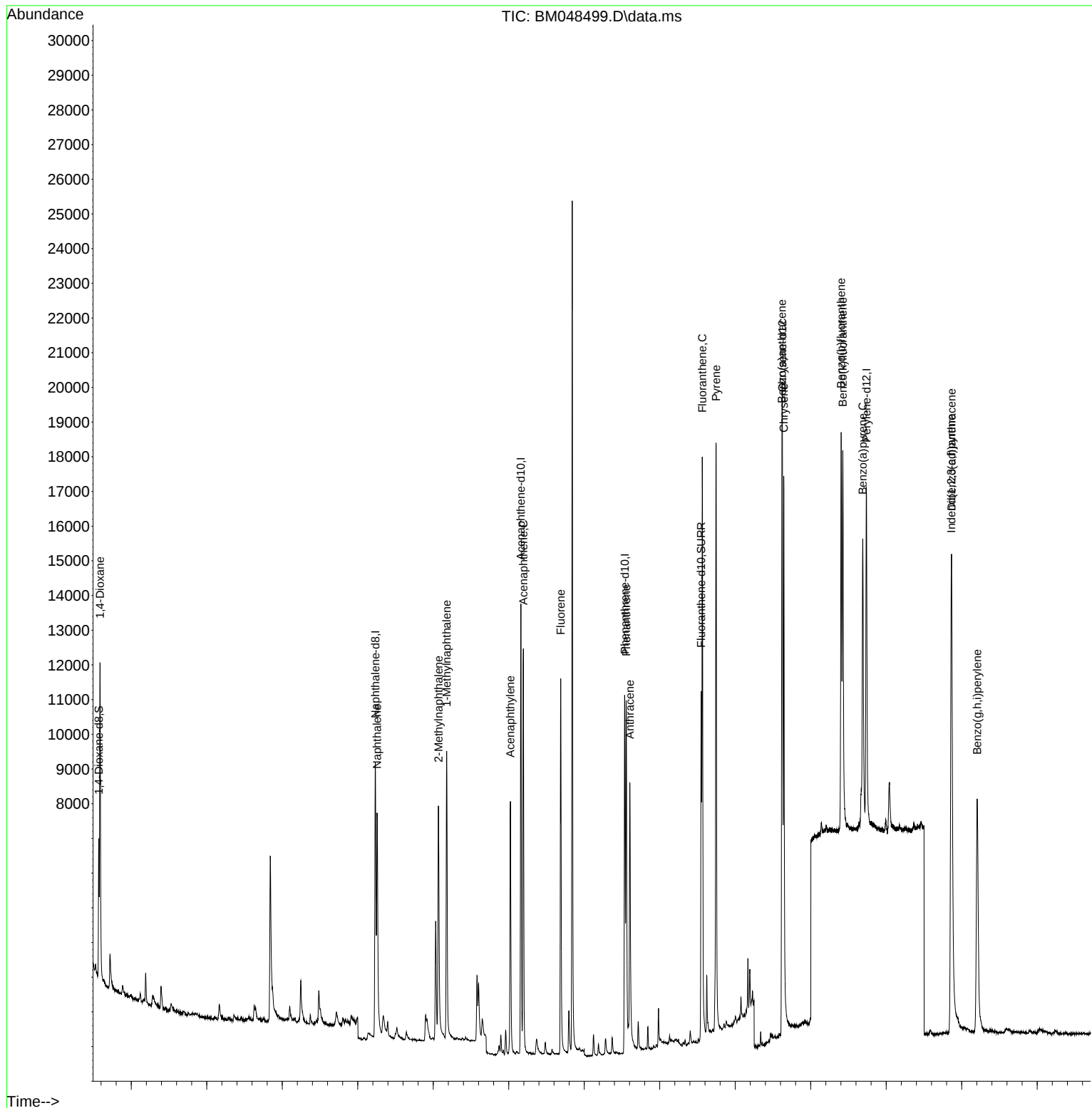
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	4267	0.400	ng/ul	0.00
4) Naphthalene-d8	10.464	136	14388	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.322	164	8028	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.074	188	15086	0.400	ng/ul	0.00
17) Chrysene-d12	21.251	240	13259	0.400	ng/ul	-0.01
23) Perylene-d12	23.475	264	14493	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2785	0.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.064	152	6157	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.100	212	12583	0.338	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	6998	1.183	ng/ul#	72
5) Naphthalene	10.513	128	11481	0.319	ng/ul	100
7) 2-Methylnaphthalene	12.141	142	6876	0.303	ng/ul	96
8) 1-Methylnaphthalene	12.355	142	7108	0.306	ng/ul	98
10) Acenaphthylene	14.044	152	9665	0.317	ng/ul	99
11) Acenaphthene	14.386	153	7464	0.306	ng/ul	99
12) Fluorene	15.376	166	8128	0.307	ng/ul	99
14) Pentachlorophenol	16.740	266	490	0.088	ng/ul	96
15) Phenanthrene	17.112	178	12708	0.321	ng/ul	99
16) Anthracene	17.209	178	11508	0.312	ng/ul	99
19) Fluoranthene	19.128	202	15872	0.323	ng/ul	98
20) Pyrene	19.495	202	17257	0.324	ng/ul	98
21) Benzo(a)anthracene	21.236	228	14674	0.338	ng/ul	98
22) Chrysene	21.286	228	16812	0.323	ng/ul	99
24) Benzo(b)fluoranthene	22.805	252	14990	0.332	ng/ul	98
25) Benzo(k)fluoranthene	22.849	252	16775	0.317	ng/ul	96
26) Benzo(a)pyrene	23.379	252	14227	0.323	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.722	276	19633	0.319	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.732	278	15335	0.320	ng/ul#	93
29) Benzo(g,h,i)perylene	26.409	276	16128	0.312	ng/ul	99

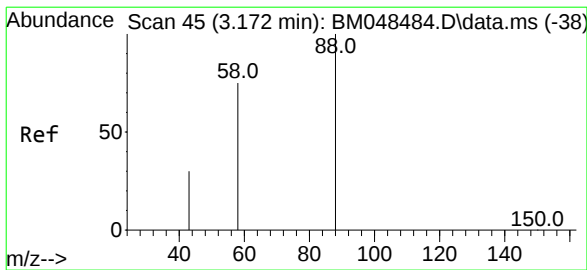
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.183 ng/ul

RT: 3.172 min Scan# 45

Delta R.T. 0.004 min

Lab File: BM048499.D

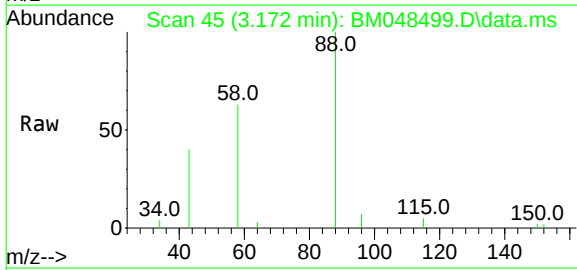
Acq: 07 Nov 2024 05:01

Instrument :

BNA_M

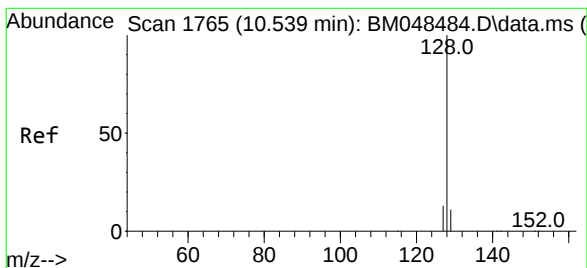
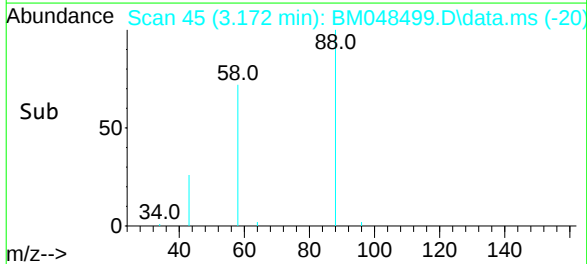
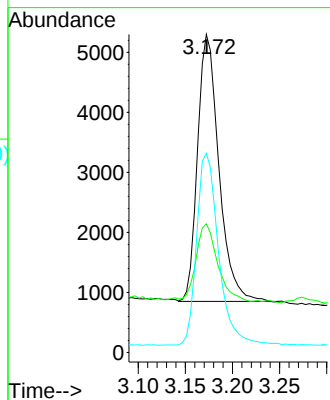
ClientSampleId :

CC0R7MS



Tgt Ion: 88 Resp: 6998

Ion	Ratio	Lower	Upper
88	100		
43	40.4	60.2	90.4#
58	62.7	44.2	66.2



#5

Naphthalene

Concen: 0.319 ng/ul

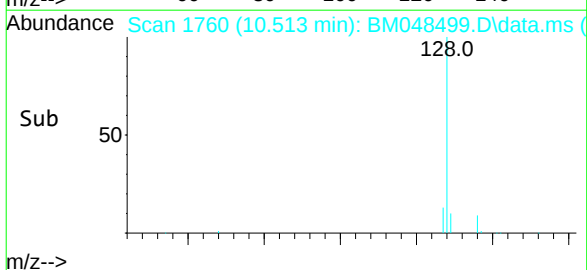
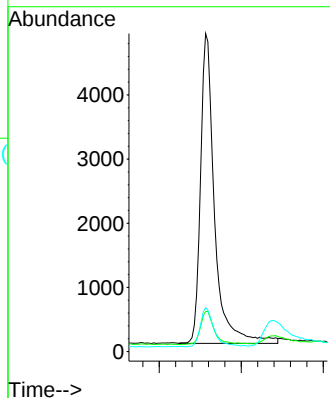
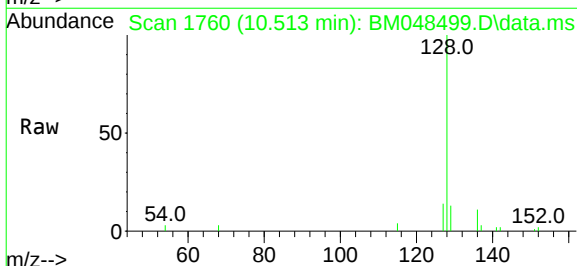
RT: 10.513 min Scan# 1760

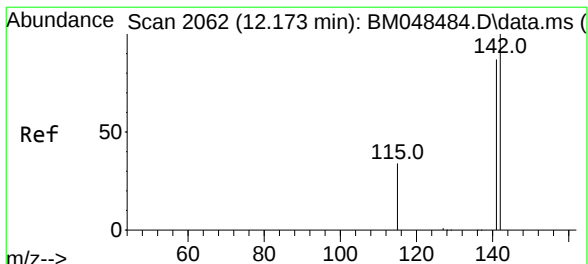
Delta R.T. -0.010 min

Lab File: BM048499.D

Acq: 07 Nov 2024 05:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	13.8	10.9	16.3

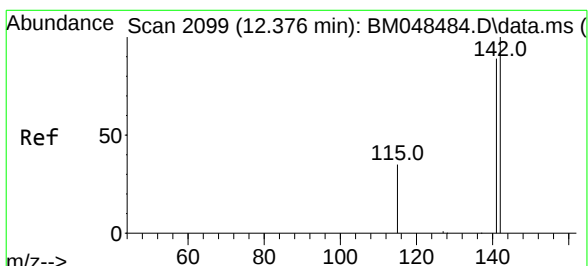
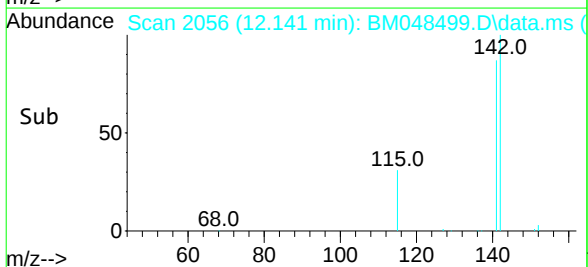
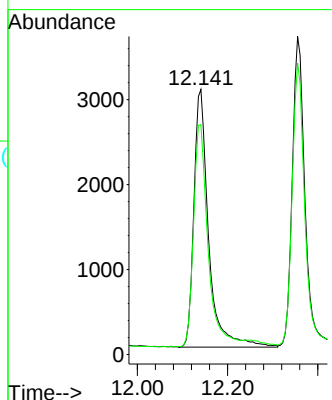
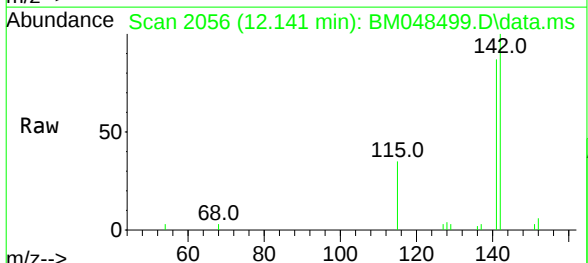




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.010 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

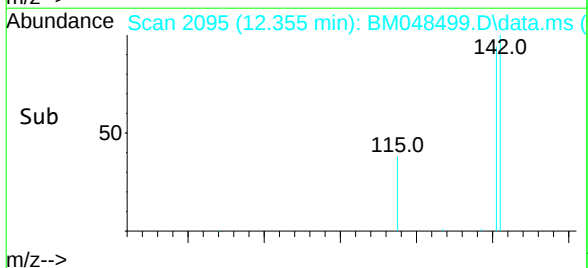
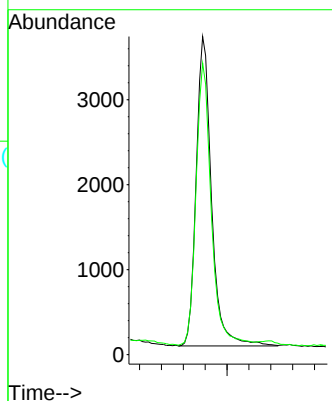
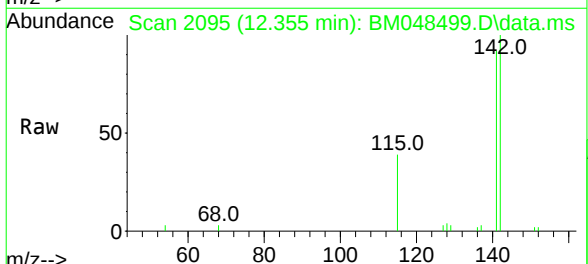
Instrument :
BNA_M
ClientSampleId :
CC0R7MS

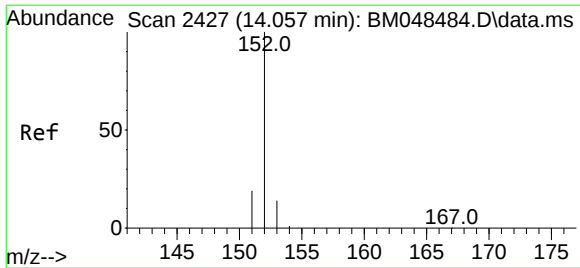
Tgt Ion:142 Resp: 6876
Ion Ratio Lower Upper
142 100
141 89.0 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.355 min Scan# 2095
Delta R.T. -0.010 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

Tgt Ion:142 Resp: 7108
Ion Ratio Lower Upper
142 100
141 93.1 72.8 109.2

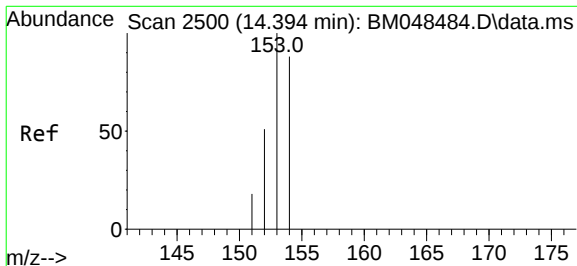
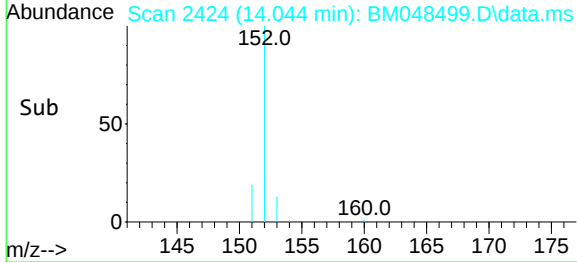
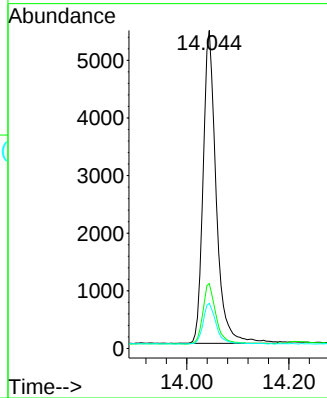
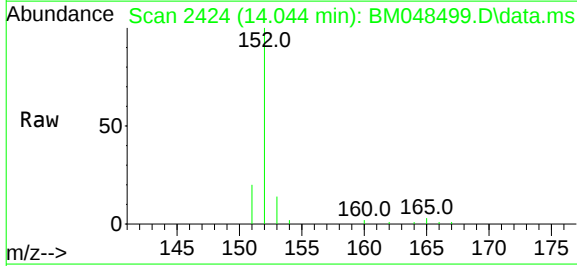




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.044 min Scan# 2427
Delta R.T. -0.008 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

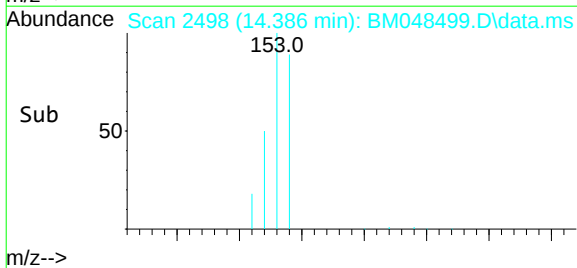
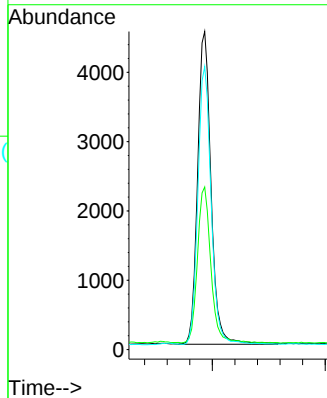
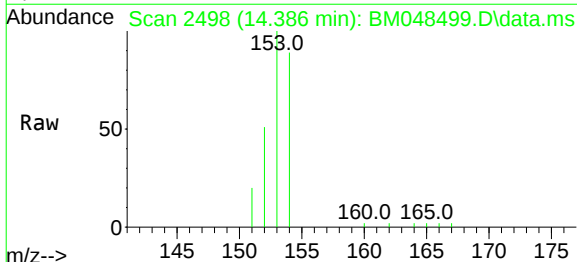
Instrument :
BNA_M
ClientSampleId :
CC0R7MS

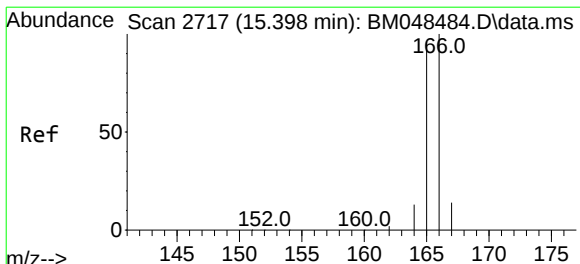
Tgt Ion:	152	Resp:	9665
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	14.2	11.6	17.4



#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.386 min Scan# 2498
Delta R.T. -0.003 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

Tgt Ion:	153	Resp:	7464
Ion	Ratio	Lower	Upper
153	100		
152	51.1	41.1	61.7
154	89.0	70.3	105.5

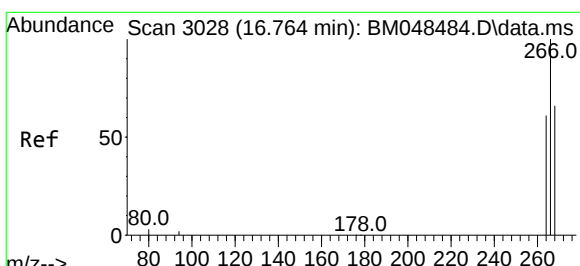
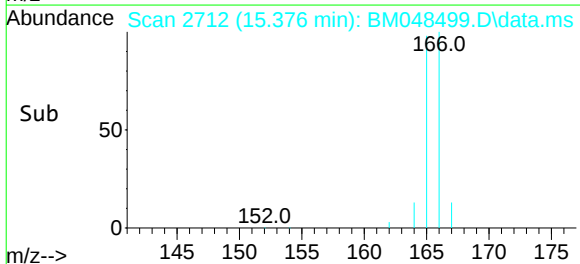
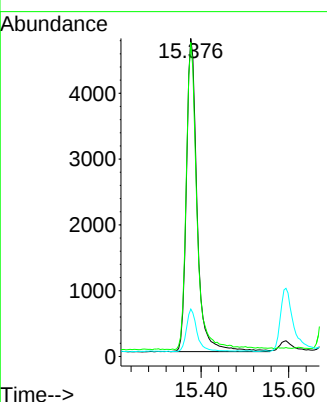
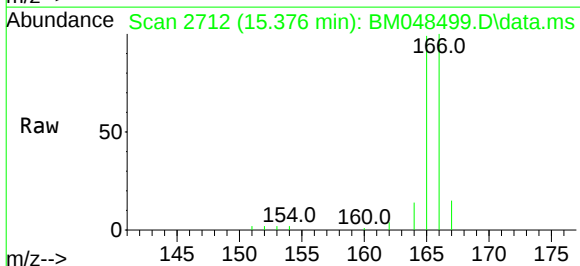




#12
 Fluorene
 Concen: 0.307 ng/ul
 RT: 15.376 min Scan# 2712
 Delta R.T. -0.008 min
 Lab File: BM048499.D
 Acq: 07 Nov 2024 05:01

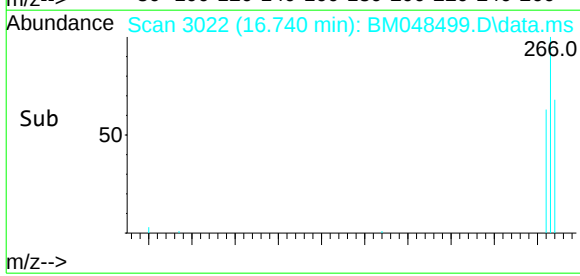
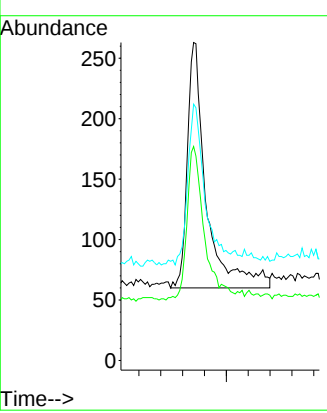
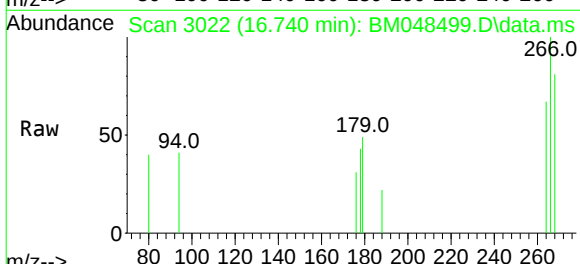
Instrument :
 BNA_M
 ClientSampleId :
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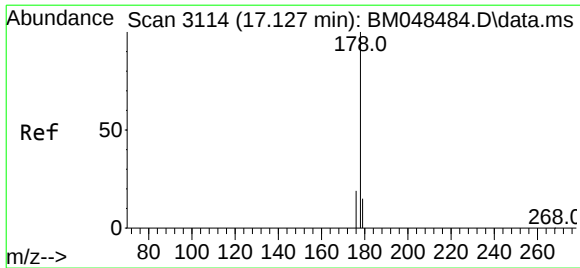
Tgt Ion:	166	Resp:	8128
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.7	118.1
167	14.9	12.6	18.8



#14
 Pentachlorophenol
 Concen: 0.088 ng/ul
 RT: 16.740 min Scan# 3022
 Delta R.T. -0.007 min
 Lab File: BM048499.D
 Acq: 07 Nov 2024 05:01

Tgt Ion:	266	Resp:	490
Ion	Ratio	Lower	Upper
266	100		
264	56.9	49.6	74.4
268	60.8	49.4	74.0

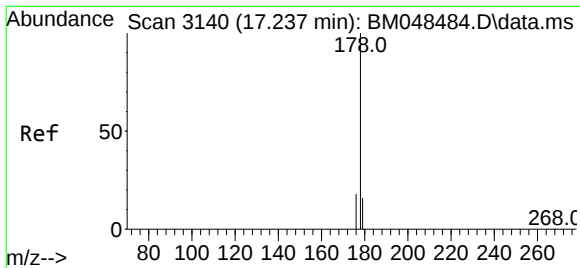
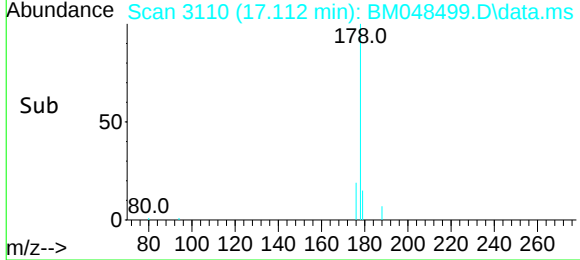
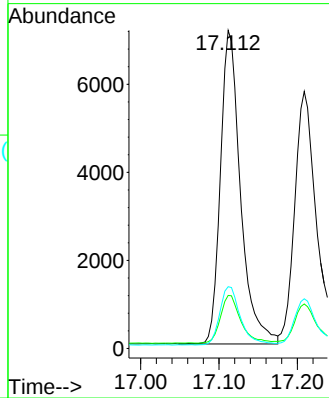
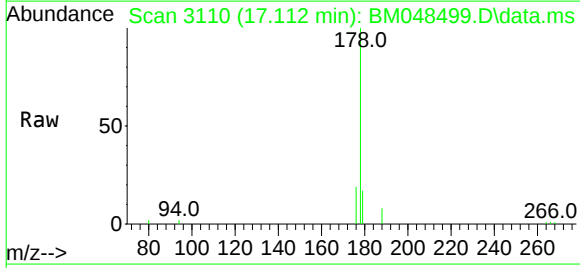




#15
Phenanthrene
Concen: 0.321 ng/u1
RT: 17.112 min Scan# 3110
Delta R.T. -0.007 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

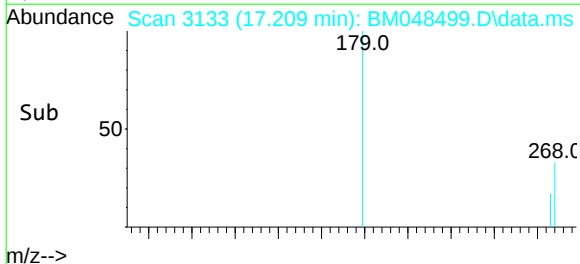
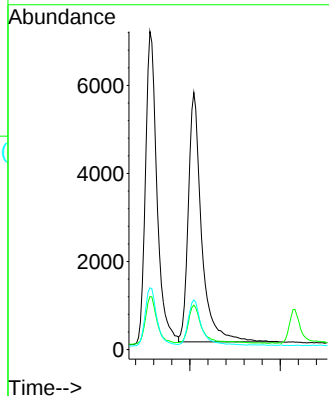
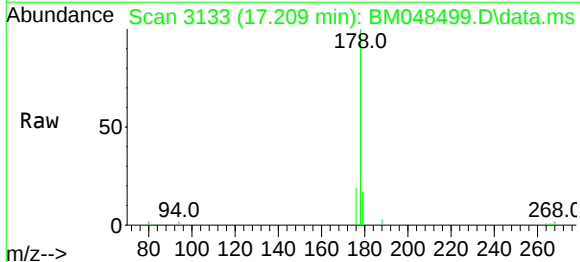
Instrument :
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ClientSampleId :
CC0R7MS

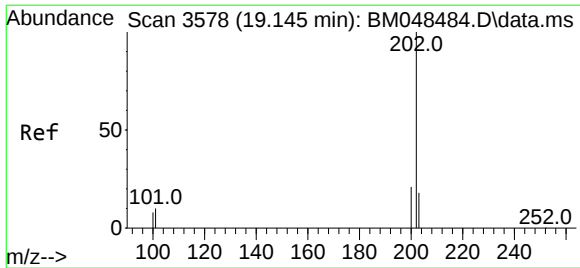
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.4	20.0
176	19.4	16.2	24.2



#16
Anthracene
Concen: 0.312 ng/u1
RT: 17.209 min Scan# 3133
Delta R.T. -0.011 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.7	20.5
176	19.3	15.9	23.9

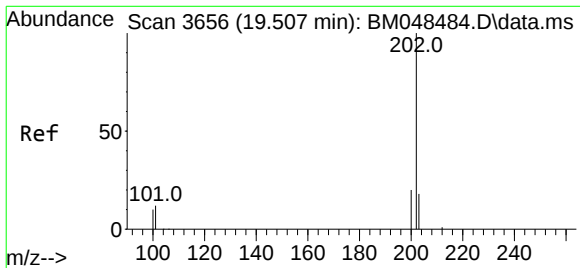
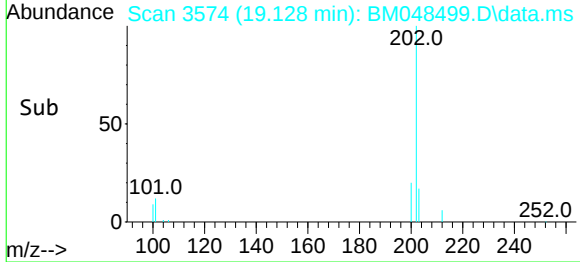
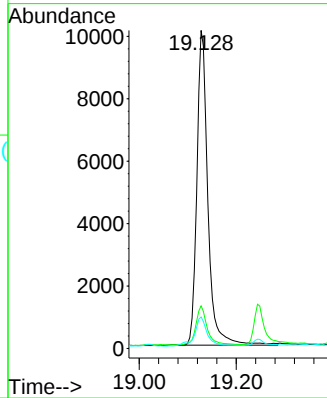
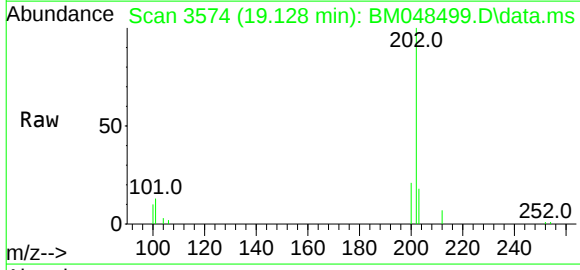




#19
Fluoranthene
Concen: 0.323 ng/u1
RT: 19.128 min Scan# 3578
Delta R.T. -0.013 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

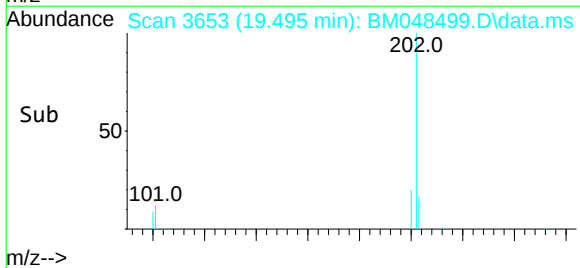
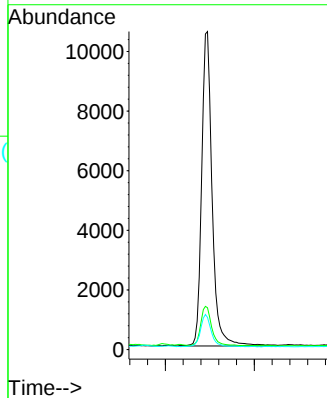
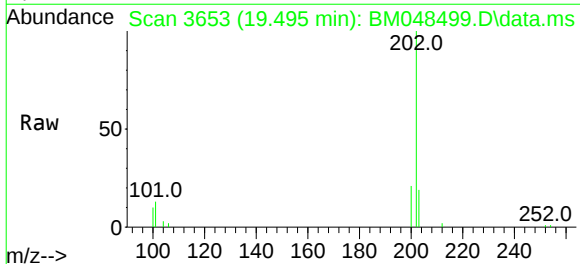
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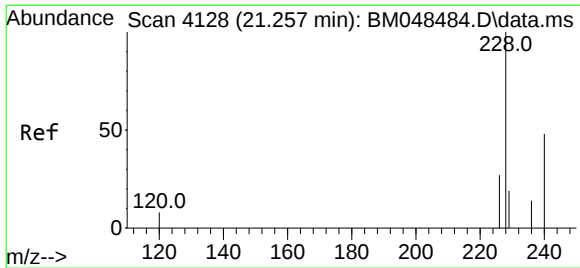
Tgt Ion:	202	Resp:	15872
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.2	15.4
100	9.9	7.3	10.9



#20
Pyrene
Concen: 0.324 ng/u1
RT: 19.495 min Scan# 3653
Delta R.T. -0.008 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

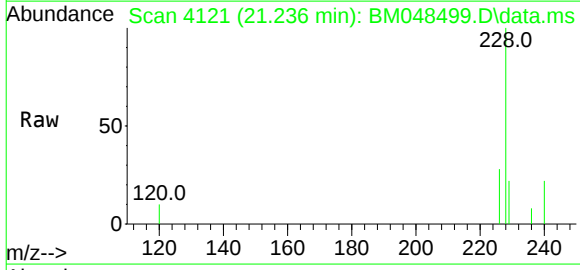
Tgt Ion:	202	Resp:	17257
Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.4	17.2
100	10.1	8.5	12.7



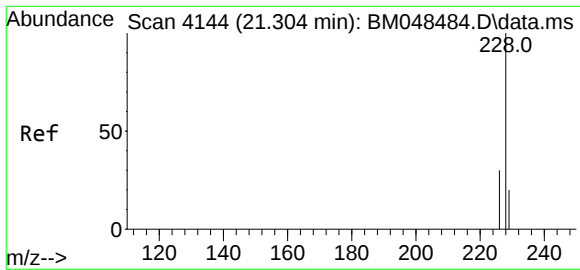
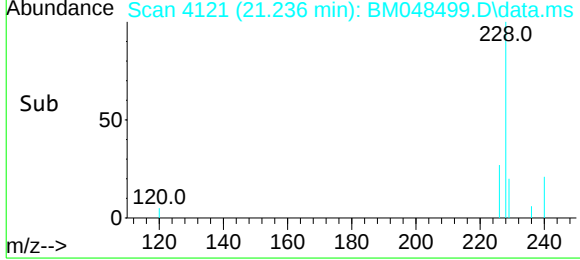
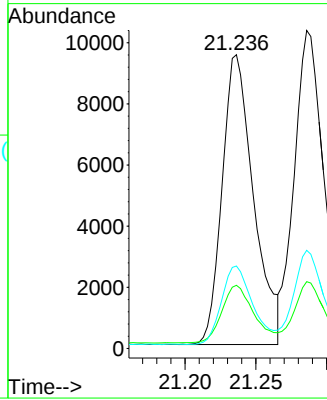


#21
 Benzo(a)anthracene
 Concen: 0.338 ng/u1
 RT: 21.236 min Scan# 4113
 Delta R.T. -0.012 min
 Lab File: BM048499.D
 Acq: 07 Nov 2024 05:01

Instrument :
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 ClientSampleId :
 CC0R7MS

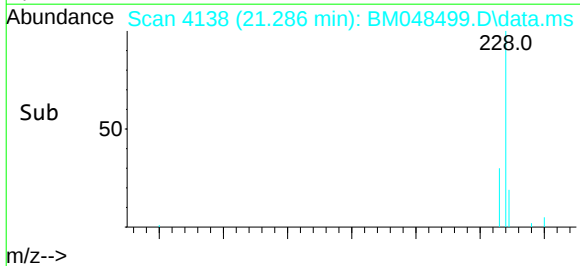
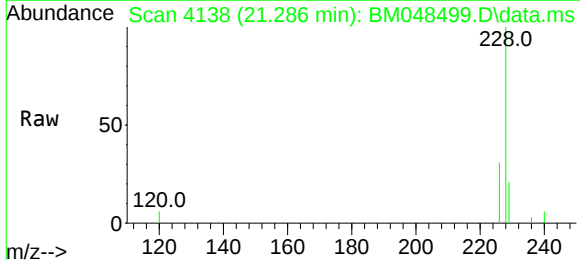
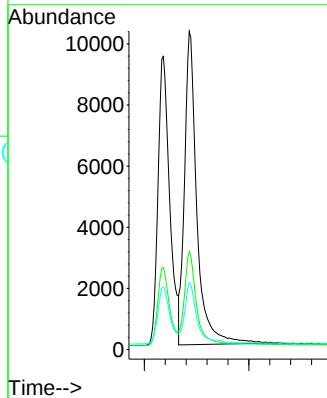


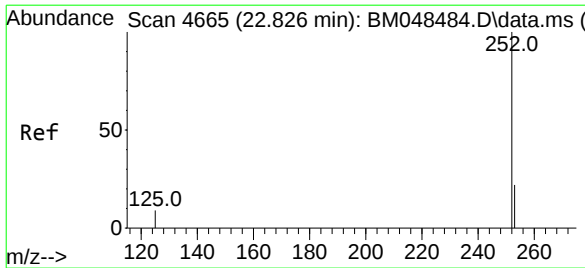
Tgt Ion:	228	Resp:	14674
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.2	24.2
226	28.1	22.1	33.1



#22
 Chrysene
 Concen: 0.323 ng/u1
 RT: 21.286 min Scan# 4138
 Delta R.T. -0.015 min
 Lab File: BM048499.D
 Acq: 07 Nov 2024 05:01

Tgt Ion:	228	Resp:	16812
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	21.0	16.5	24.7

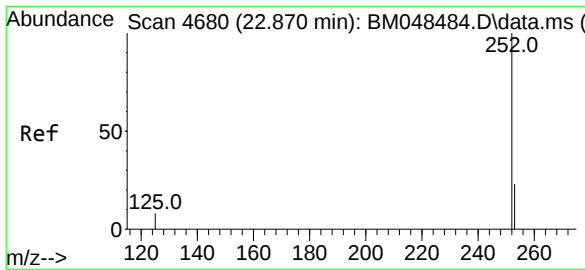
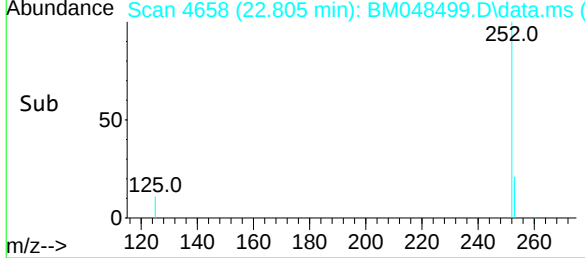
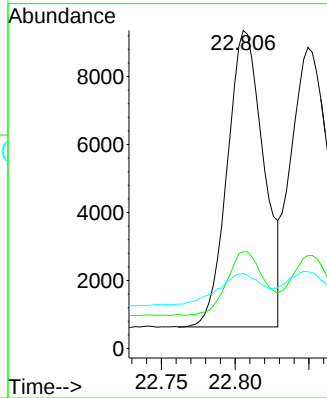
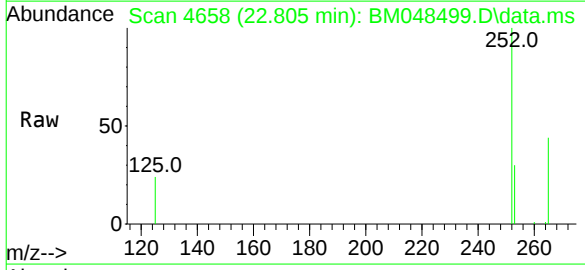




#24
Benzo(b)fluoranthene
Concen: 0.332 ng/u1
RT: 22.805 min Scan# 46
Delta R.T. -0.018 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

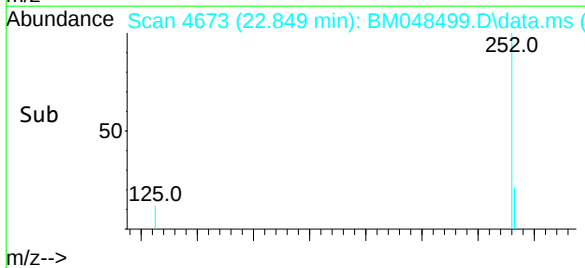
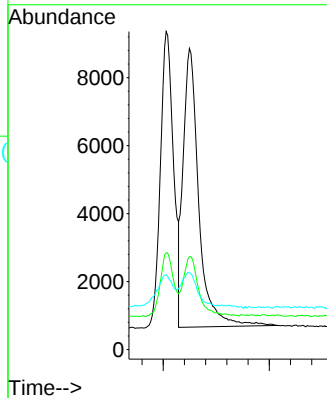
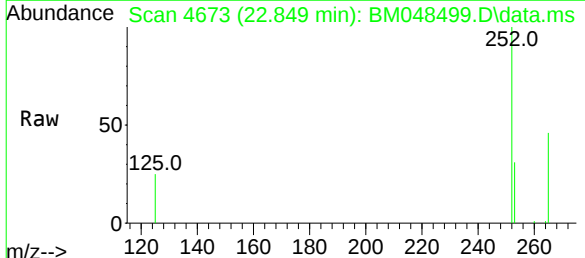
Instrument :
BNA_M
ClientSampleId :
CC0R7MS

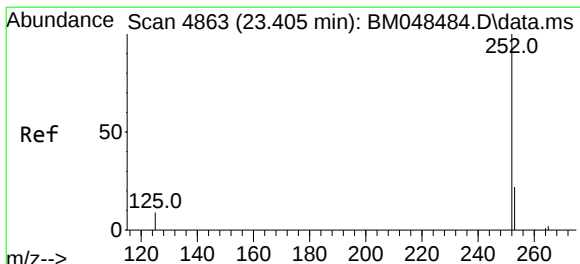
Tgt Ion:	252	Resp:	14990
Ion Ratio	Lower	Upper	
252	100		
253	30.4	0.0	61.6
125	23.5	0.0	43.2



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/u1
RT: 22.849 min Scan# 4673
Delta R.T. -0.018 min
Lab File: BM048499.D
Acq: 07 Nov 2024 05:01

Tgt Ion:	252	Resp:	16775
Ion Ratio	Lower	Upper	
252	100		
253	30.8	25.0	37.4
125	25.5	17.4	26.0

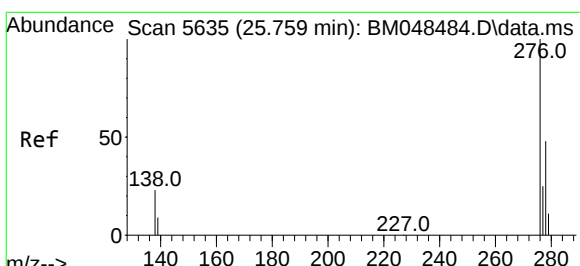
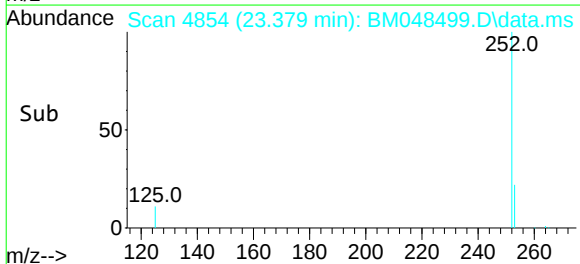
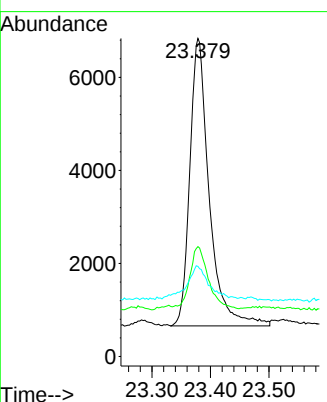
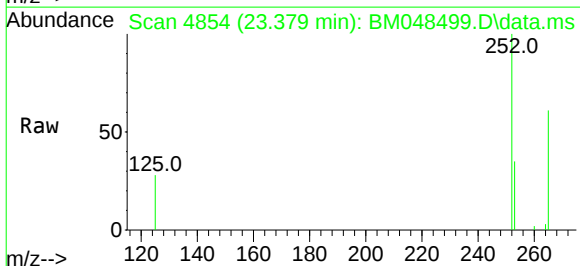




#26
 Benzo(a)pyrene
 Concen: 0.323 ng/ul
 RT: 23.379 min Scan# 4863
 Delta R.T. -0.024 min
 Lab File: BM048499.D
 Acq: 07 Nov 2024 05:01

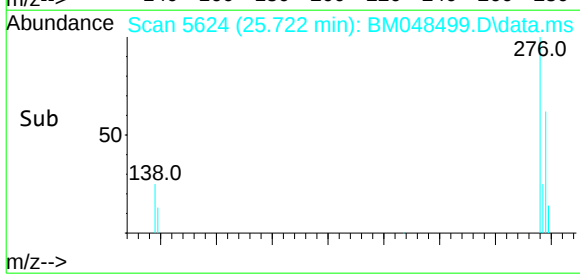
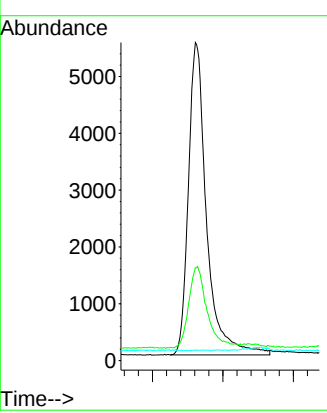
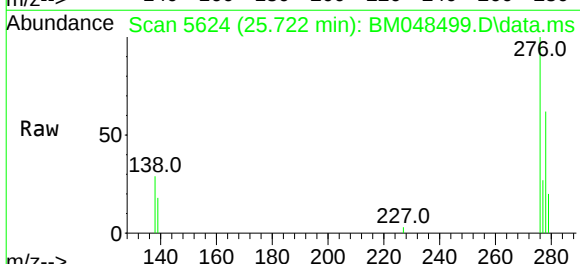
Instrument :
 BNA_M
 ClientSampleId :
 CC0R7MS

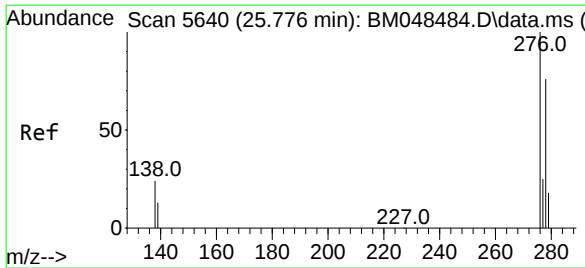
Tgt Ion:	252	Resp:	14227
Ion Ratio	Lower	Upper	
252	100		
253	34.5	29.6	44.4
125	28.3	23.9	35.9



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.319 ng/ul
 RT: 25.722 min Scan# 5624
 Delta R.T. -0.031 min
 Lab File: BM048499.D
 Acq: 07 Nov 2024 05:01

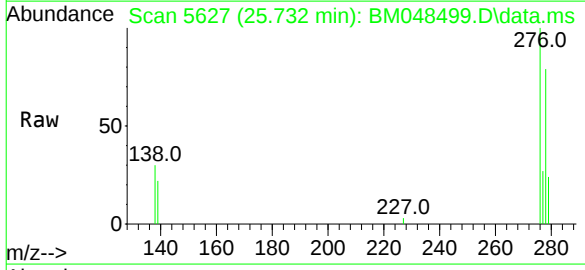
Tgt Ion:	276	Resp:	19633
Ion Ratio	Lower	Upper	
276	100		
138	26.4	20.1	30.1
227	0.0	0.1	0.1



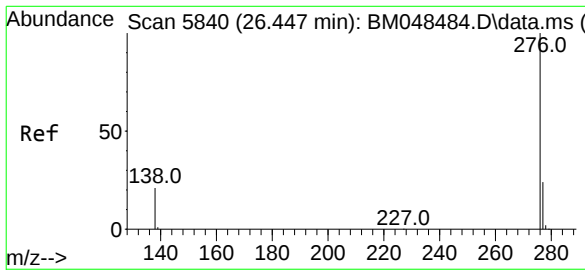
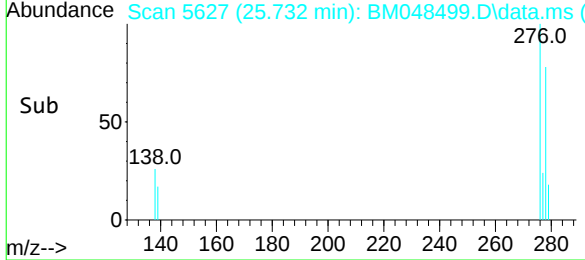
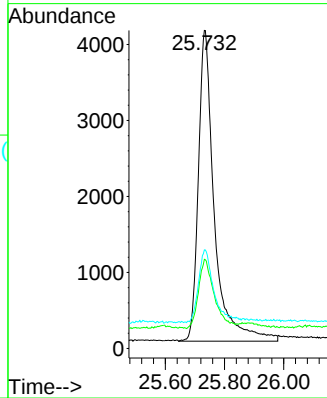


#28
 Dibenzo(a,h)anthracene
 Concen: 0.320 ng/ul
 RT: 25.732 min Scan# 561
 Delta R.T. -0.044 min
 Lab File: BM048499.D
 Acq: 07 Nov 2024 05:01

Instrument :
 BNA_M
 ClientSampleId :
 CC0R7MS



Tgt Ion:278 Resp: 15335
 Ion Ratio Lower Upper
 278 100
 139 28.0 17.8 26.8#
 279 31.0 26.6 39.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.312 ng/ul
 RT: 26.409 min Scan# 5829
 Delta R.T. -0.034 min
 Lab File: BM048499.D
 Acq: 07 Nov 2024 05:01

Tgt Ion:276 Resp: 16128
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.0 31.6
 277 26.0 20.5 30.7

