

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048648.D
 Acq On : 13 Nov 2024 23:58
 Operator : RC/JU
 Sample : PB164898BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS898

Quant Time: Nov 14 02:37:14 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 13 11:38:55 2024
 Response via : Initial Calibration

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

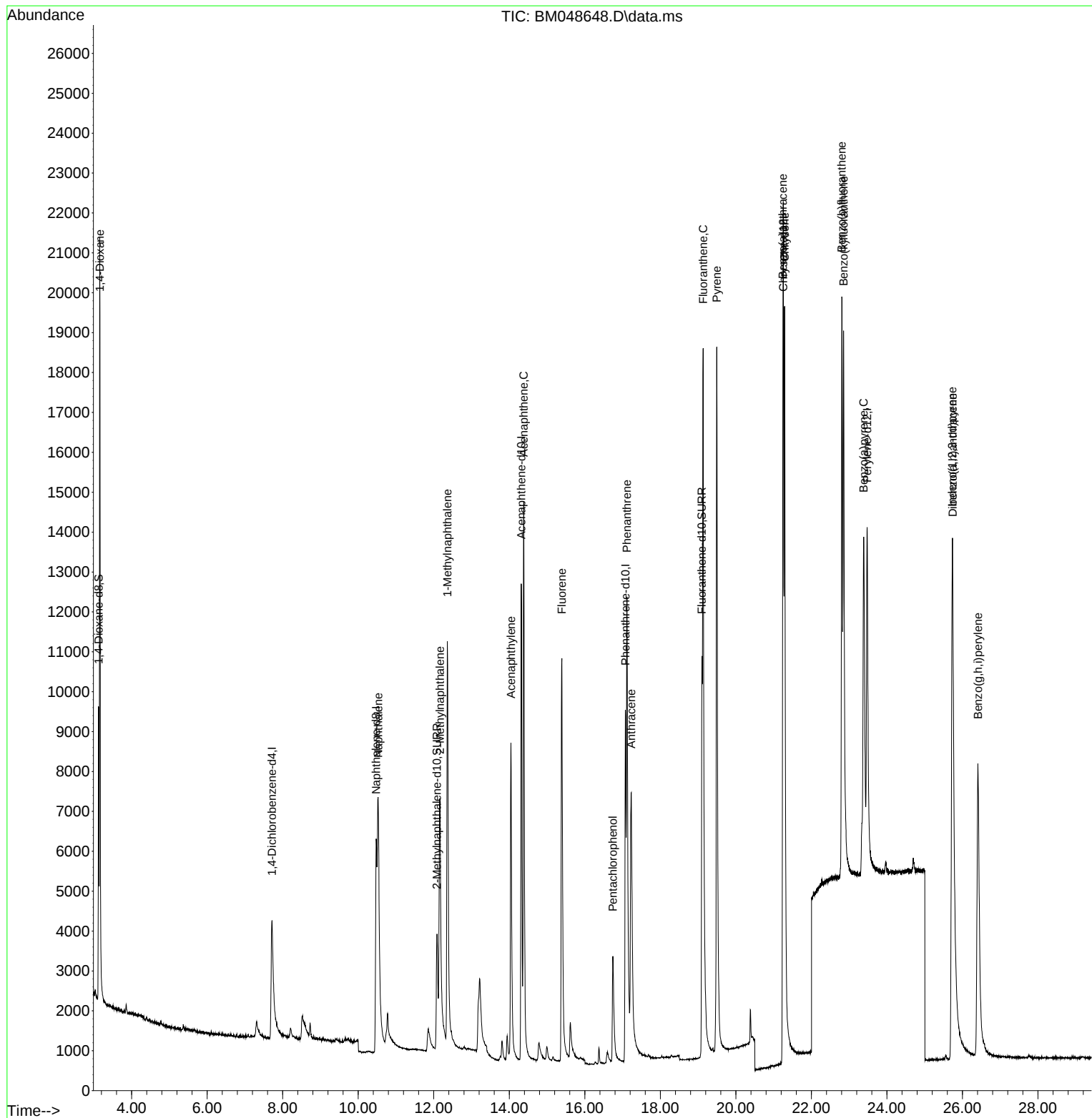
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	4661	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.474	136	15823	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.317	164	9095	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.074	188	18663	0.400	ng/ul	-0.01
17) Chrysene-d12	21.257	240	14750	0.400	ng/ul	0.00
23) Perylene-d12	23.475	264	15495	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	4626	0.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.086	152	8335	0.407	ng/ul	-0.02
18) Fluoranthene-d10	19.100	212	18028	0.435	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.155	88	12363	1.913	ng/ul#	61
5) Naphthalene	10.529	128	15606	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.163	142	9350	0.375	ng/ul	95
8) 1-Methylnaphthalene	12.361	142	11547	0.452	ng/ul	98
10) Acenaphthylene	14.044	152	14278	0.413	ng/ul	99
11) Acenaphthene	14.382	153	10953	0.397	ng/ul	100
12) Fluorene	15.390	166	11817	0.394	ng/ul	98
14) Pentachlorophenol	16.744	266	3651	0.533	ng/ul	99
15) Phenanthrene	17.116	178	17601	0.359	ng/ul	99
16) Anthracene	17.230	178	16222	0.356	ng/ul	100
19) Fluoranthene	19.132	202	22444	0.411	ng/ul	98
20) Pyrene	19.495	202	24097	0.407	ng/ul	99
21) Benzo(a)anthracene	21.245	228	17992	0.373	ng/ul	99
22) Chrysene	21.292	228	25310	0.437	ng/ul	99
24) Benzo(b)fluoranthene	22.805	252	20746	0.430	ng/ul	91
25) Benzo(k)fluoranthene	22.852	252	24902	0.440	ng/ul#	91
26) Benzo(a)pyrene	23.384	252	19811	0.420	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.728	276	25989	0.395	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.742	278	19789	0.386	ng/ul	95
29) Benzo(g,h,i)perylene	26.409	276	22005	0.398	ng/ul	98

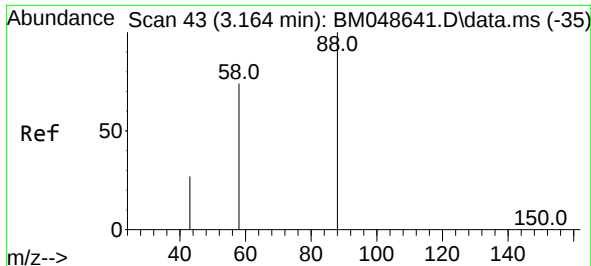
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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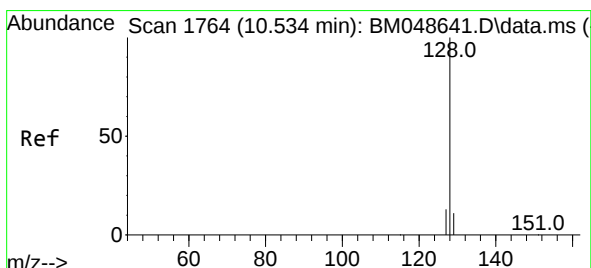
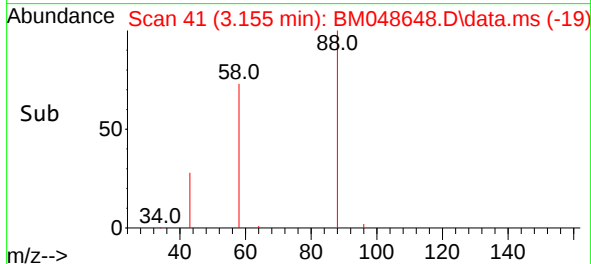
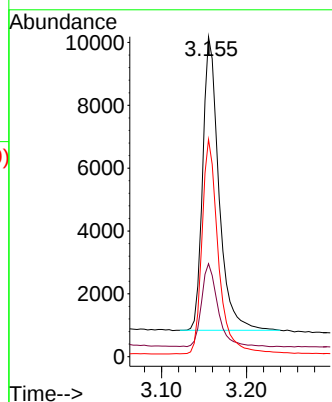
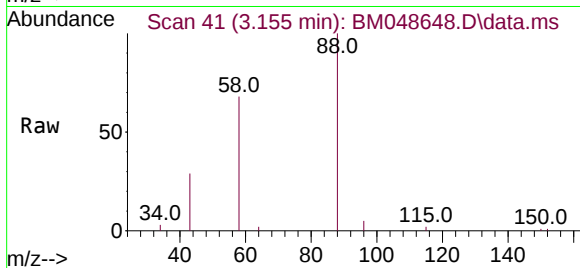




#2
1,4-Dioxane
Concen: 1.913 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

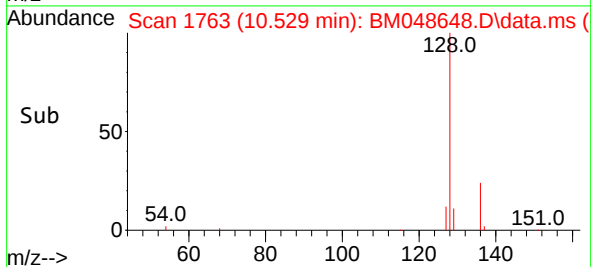
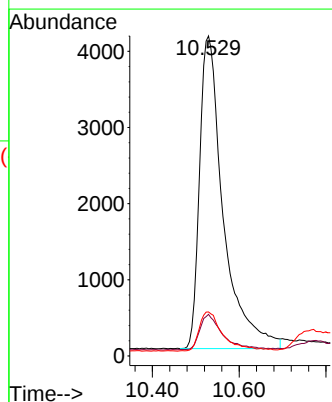
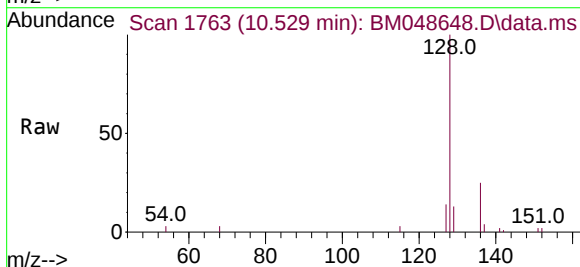
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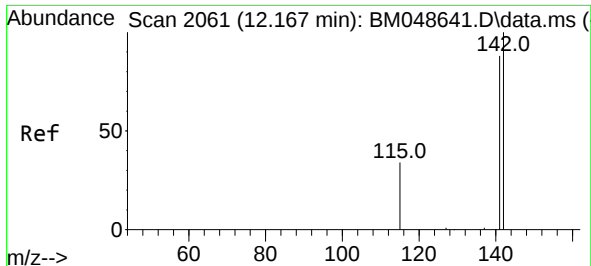
Tgt Ion: 88 Resp: 12363
Ion Ratio Lower Upper
88 100
43 29.1 60.2 90.4#
58 67.9 44.2 66.2#



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.529 min Scan# 1763
Delta R.T. -0.017 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Tgt Ion: 128 Resp: 15606
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 13.8 10.9 16.3

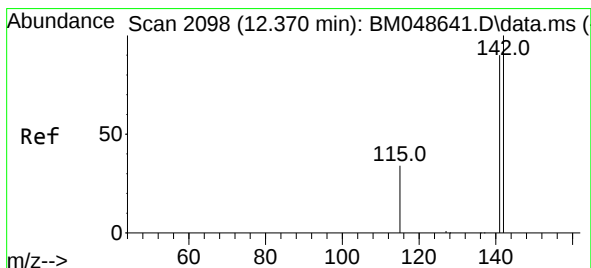
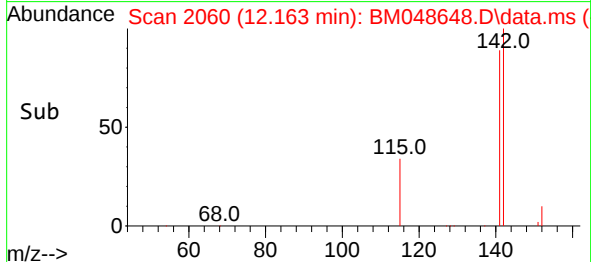
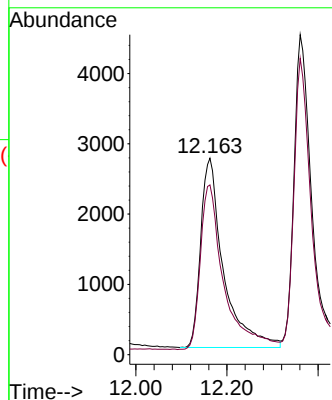
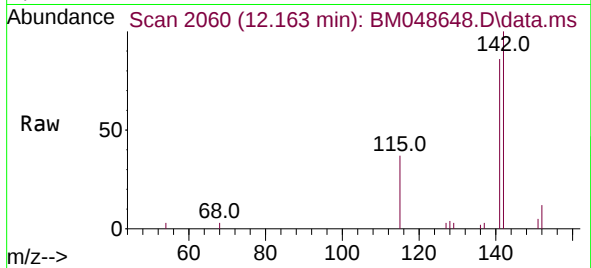




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.017 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

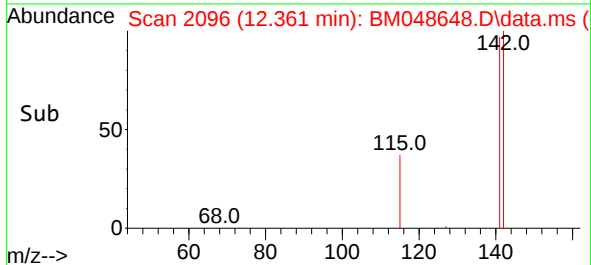
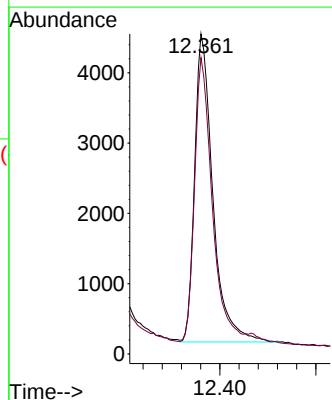
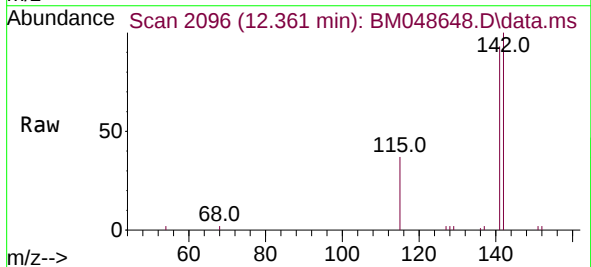
Instrument :
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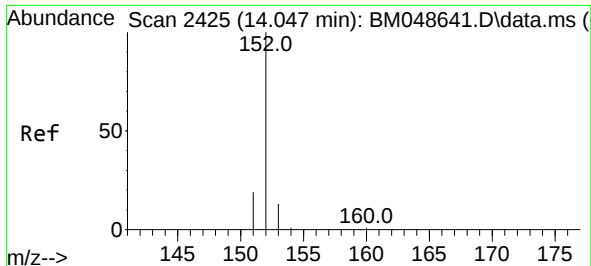
Tgt Ion:142 Resp: 9350
Ion Ratio Lower Upper
142 100
141 90.4 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.452 ng/ul
RT: 12.361 min Scan# 2096
Delta R.T. -0.017 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Tgt Ion:142 Resp: 11547
Ion Ratio Lower Upper
142 100
141 93.1 72.8 109.2

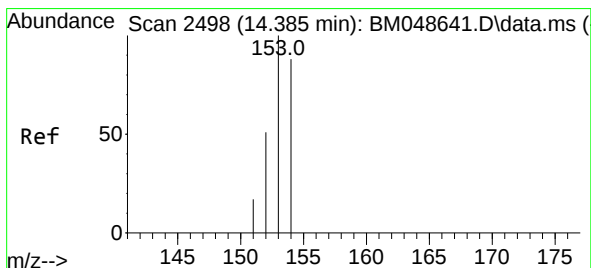
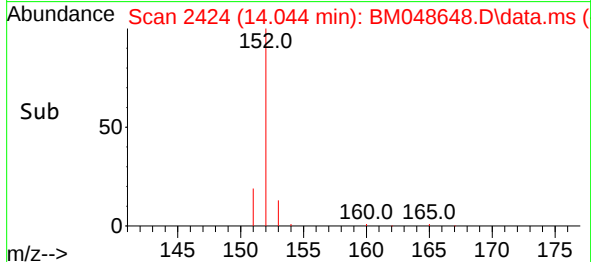
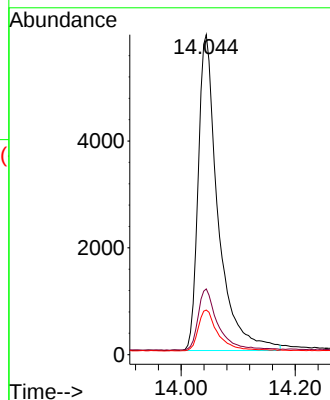
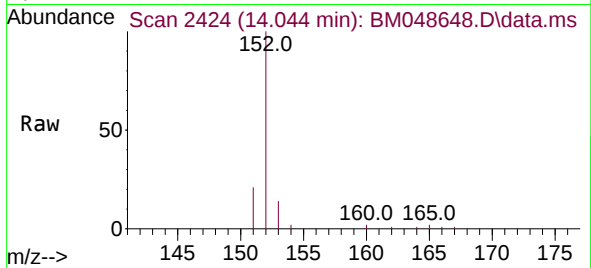




#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 14.044 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

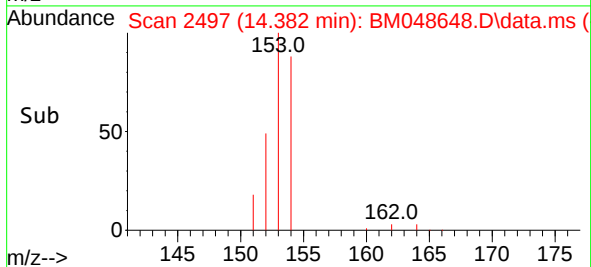
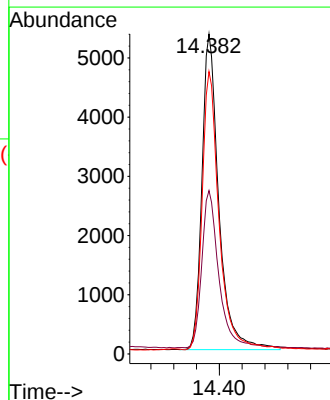
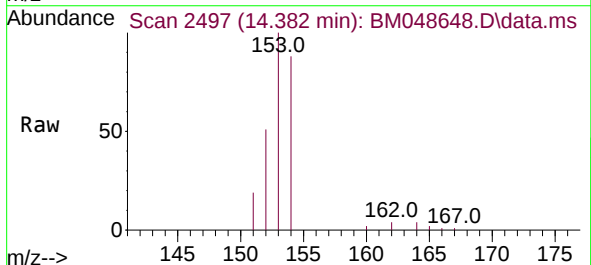
Instrument :
BNA_M
ClientSampleId :
SLCS898

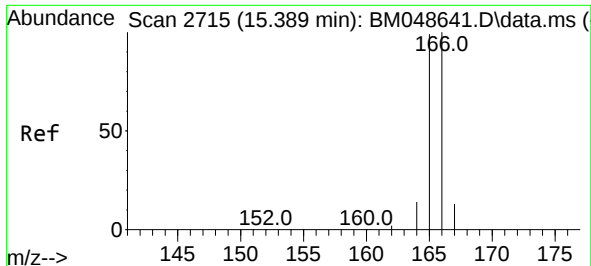
Tgt Ion:	152	Resp:	14278
Ion Ratio	100	Lower	Upper
151	20.5	16.5	24.7
153	13.9	11.6	17.4



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.382 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM048648.D
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Tgt Ion:	153	Resp:	10953
Ion Ratio	100	Lower	Upper
152	51.1	41.1	61.7
154	88.2	70.3	105.5

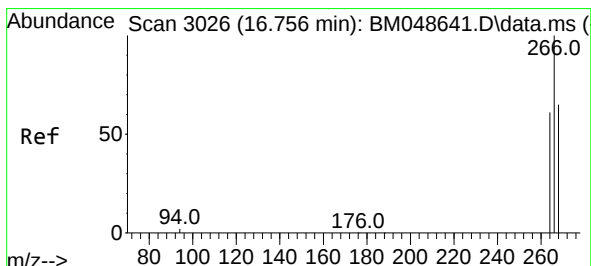
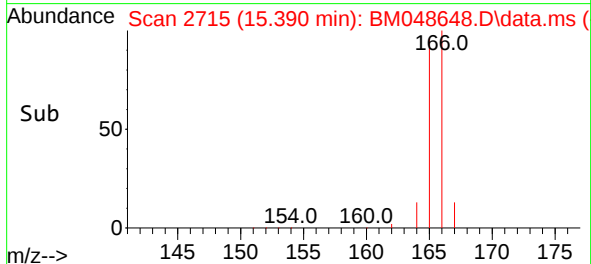
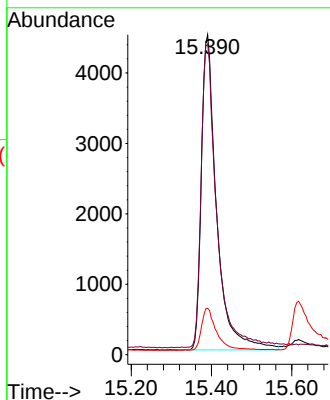
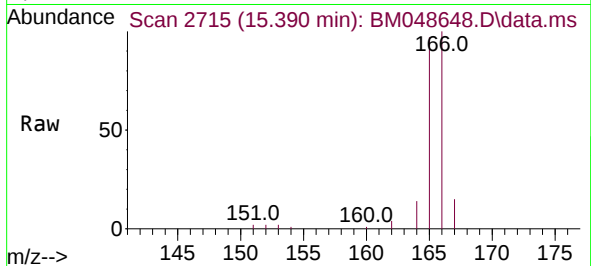




#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.390 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

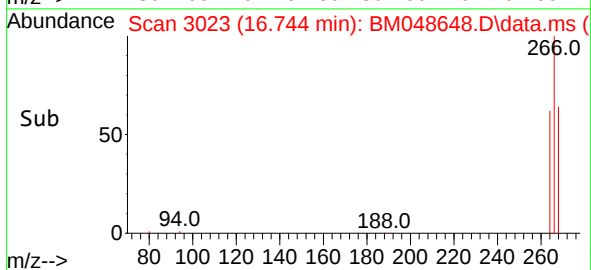
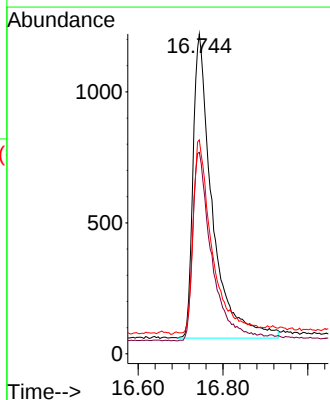
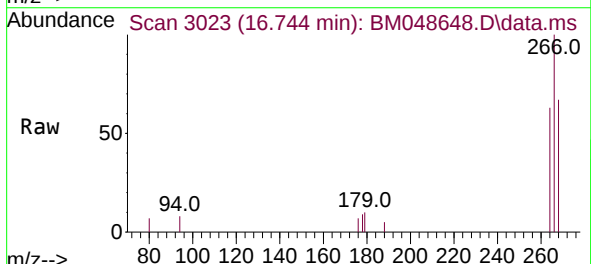
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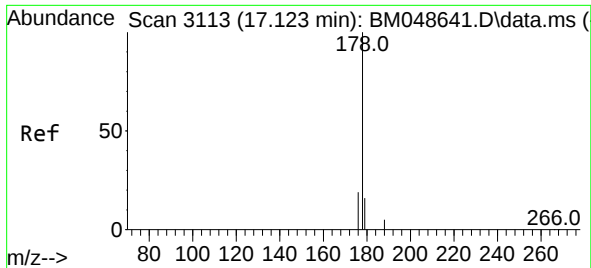
Tgt Ion:166 Resp: 11817
Ion Ratio Lower Upper
166 100
165 97.1 78.7 118.1
167 14.5 12.6 18.8



#14
Pentachlorophenol
Concen: 0.533 ng/ul
RT: 16.744 min Scan# 3023
Delta R.T. -0.017 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Tgt Ion:266 Resp: 3651
Ion Ratio Lower Upper
266 100
264 62.2 49.6 74.4
268 63.5 49.4 74.0

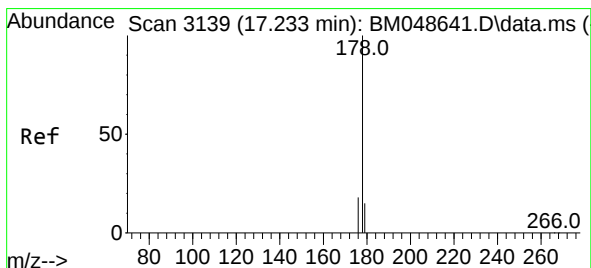
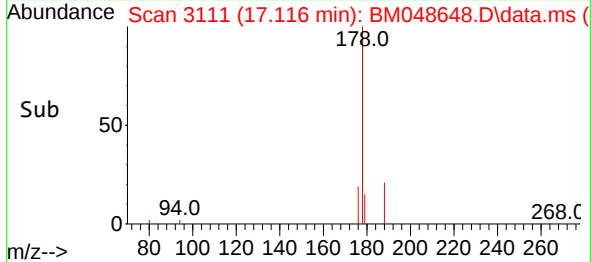
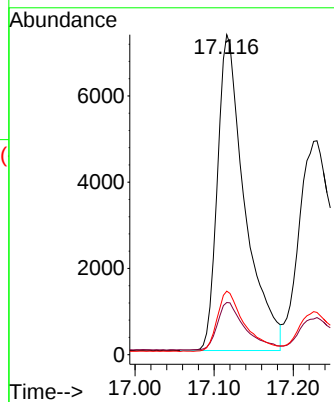
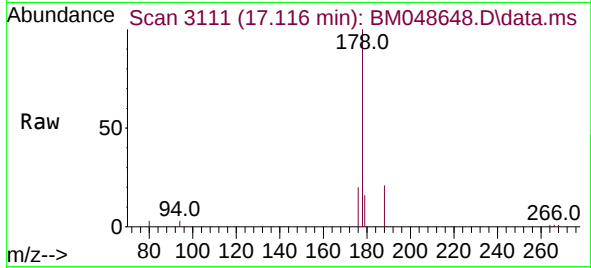




#15
Phenanthrene
Concen: 0.359 ng/ul
RT: 17.116 min Scan# 3111
Delta R.T. -0.013 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

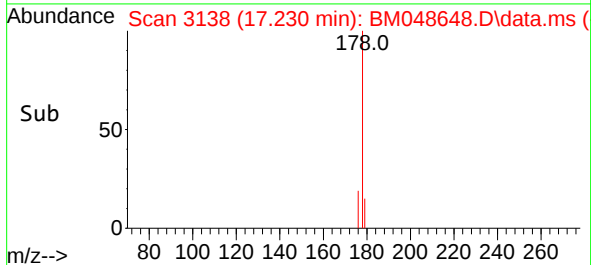
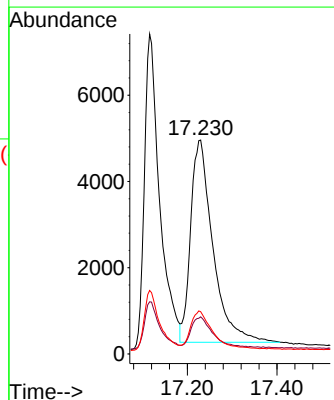
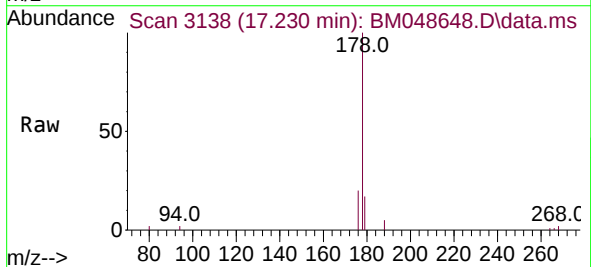
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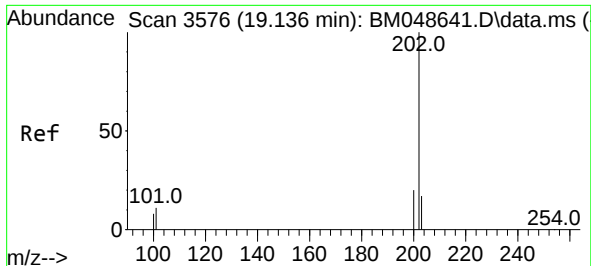
Tgt Ion:178 Resp: 17601
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.0
176 19.9 16.2 24.2



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.230 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Tgt Ion:178 Resp: 16222
Ion Ratio Lower Upper
178 100
179 17.3 13.7 20.5
176 19.8 15.9 23.9

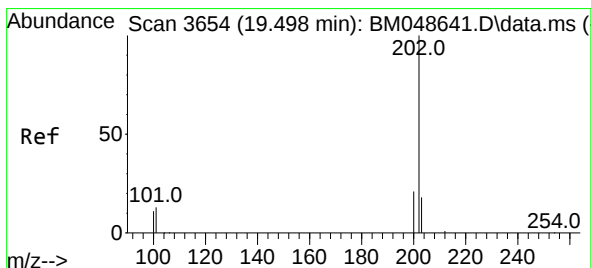
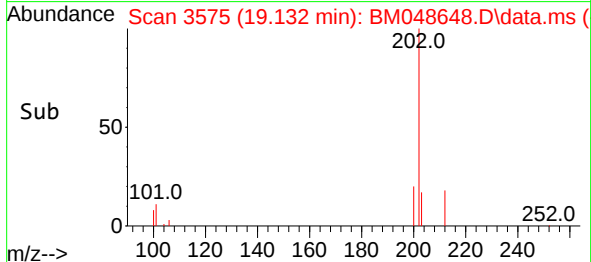
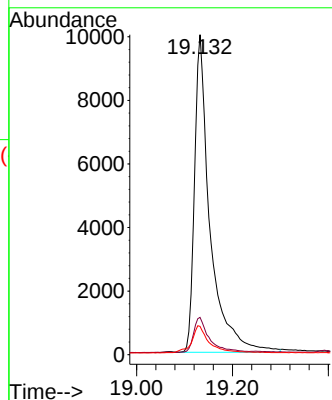
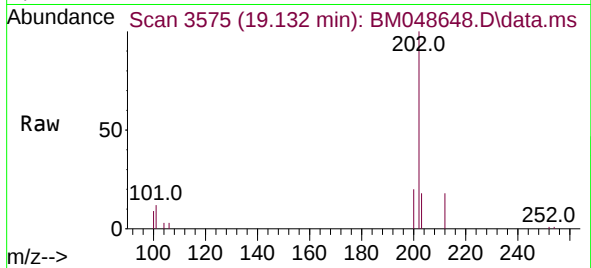




#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.132 min Scan# 3576
Delta R.T. -0.009 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

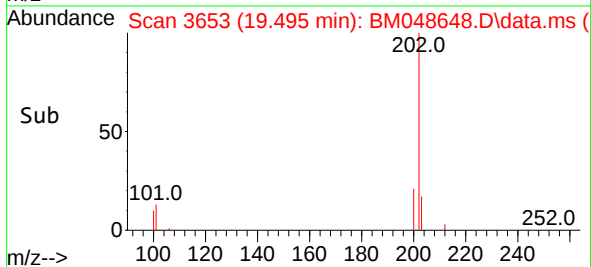
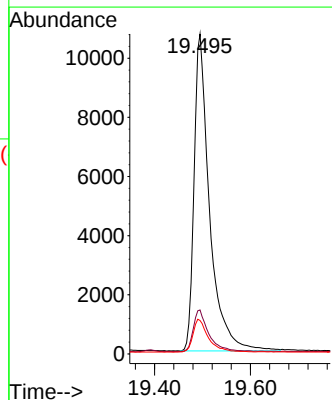
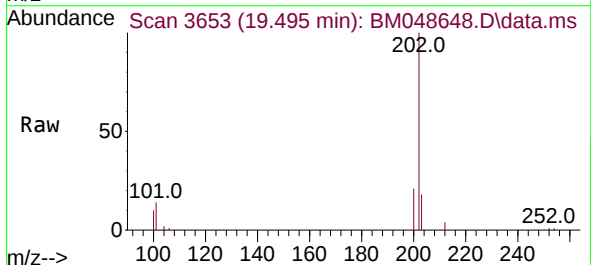
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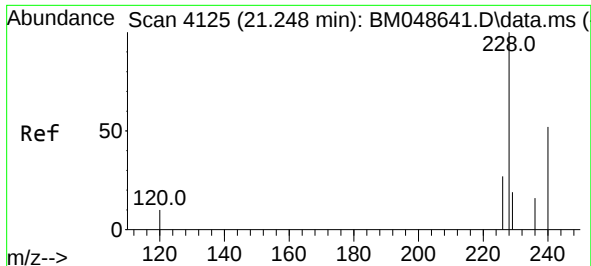
Tgt Ion:202 Resp: 22444
Ion Ratio Lower Upper
202 100
101 11.6 10.2 15.4
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.495 min Scan# 3653
Delta R.T. -0.010 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Tgt Ion:202 Resp: 24097
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.2
100 10.5 8.5 12.7

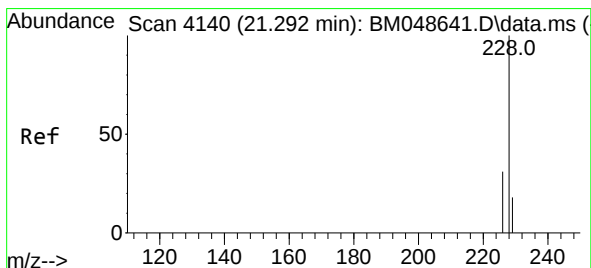
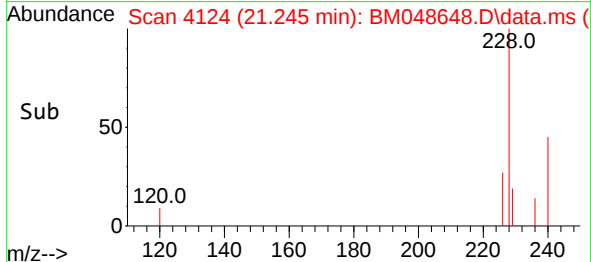
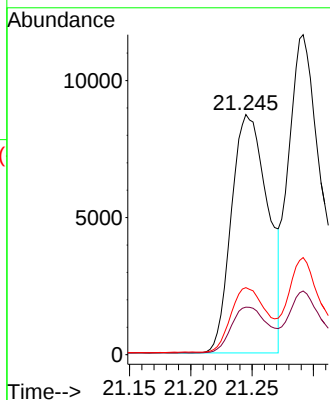
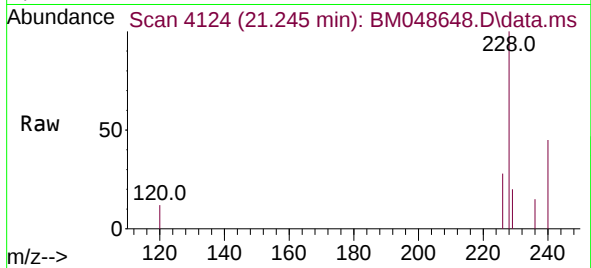




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.245 min Scan# 4125
Delta R.T. -0.009 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

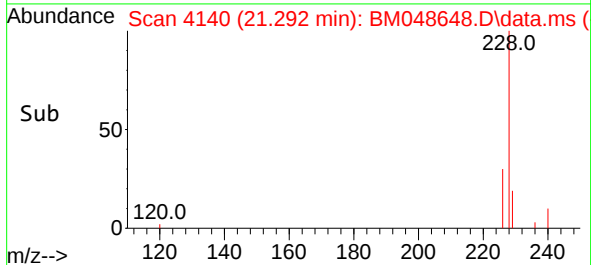
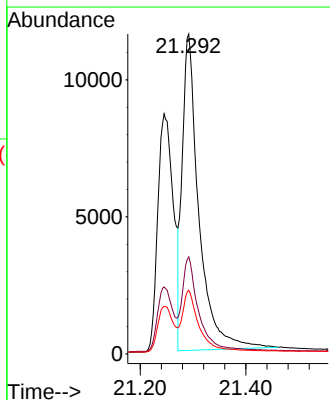
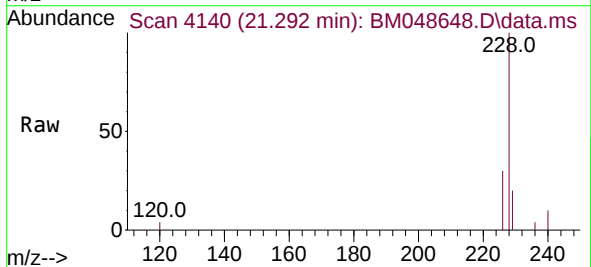
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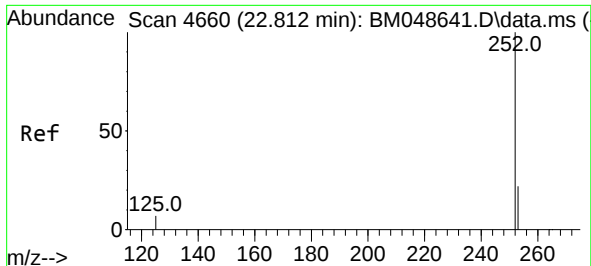
Tgt Ion:228 Resp: 17992
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.437 ng/ul
RT: 21.292 min Scan# 4140
Delta R.T. -0.006 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Tgt Ion:228 Resp: 25310
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.9 16.5 24.7

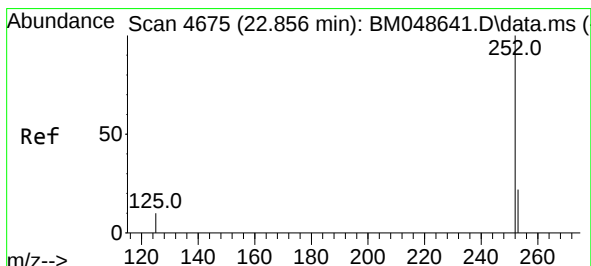
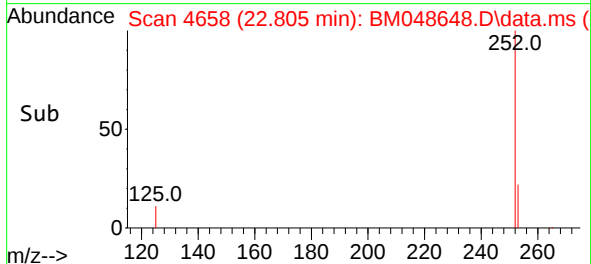
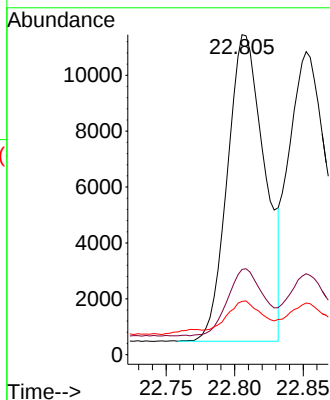
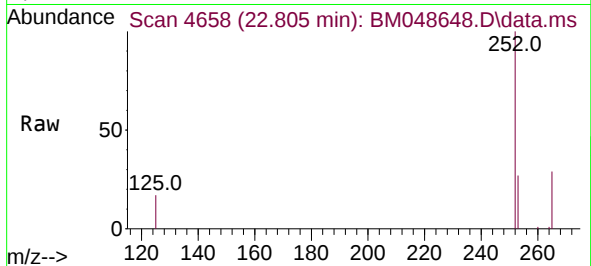




#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.805 min Scan# 4658
Delta R.T. -0.009 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

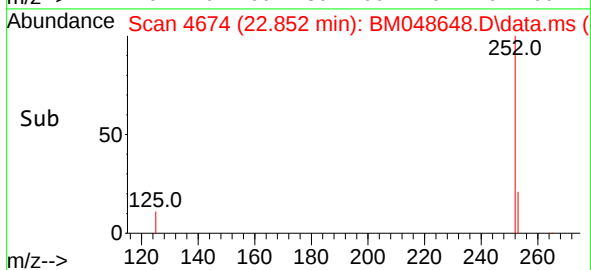
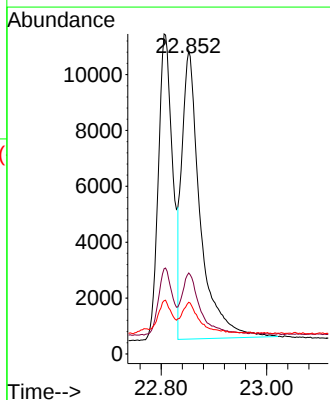
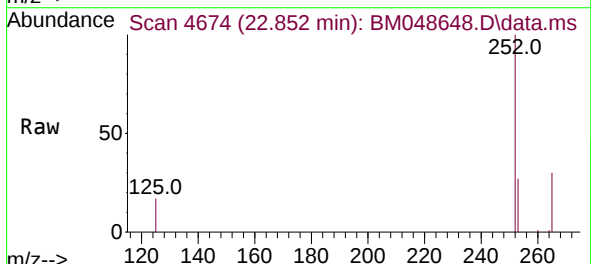
Instrument :
BNA_M
ClientSampleId :
SLCS898

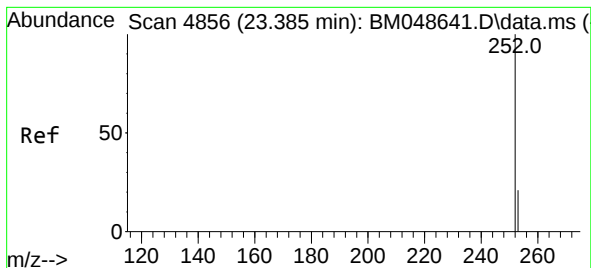
Tgt Ion:252 Resp: 20746
Ion Ratio Lower Upper
252 100
253 26.7 0.0 61.6
125 16.6 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 22.852 min Scan# 4674
Delta R.T. -0.006 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Tgt Ion:252 Resp: 24902
Ion Ratio Lower Upper
252 100
253 26.7 25.0 37.4
125 17.0 17.4 26.0#





#26

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.384 min Scan# 4856

Delta R.T. -0.009 min

Lab File: BM048648.D

Acq: 13 Nov 2024 23:58

Instrument :

BNA_M

ClientSampleId :

SLCS898

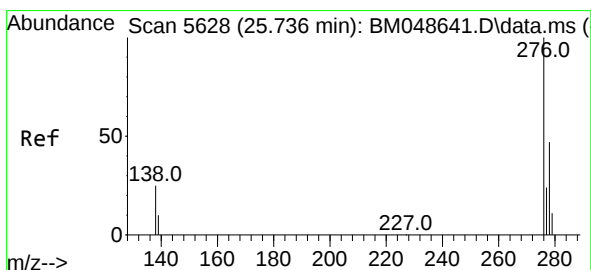
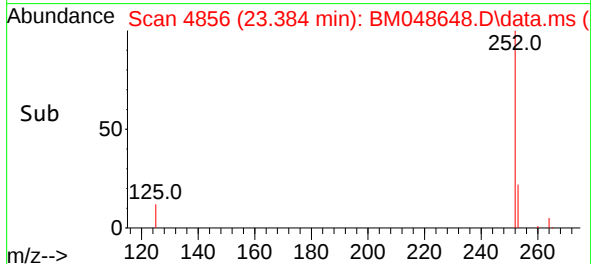
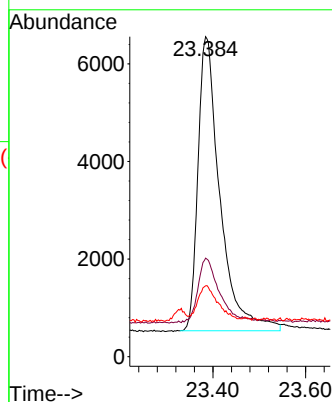
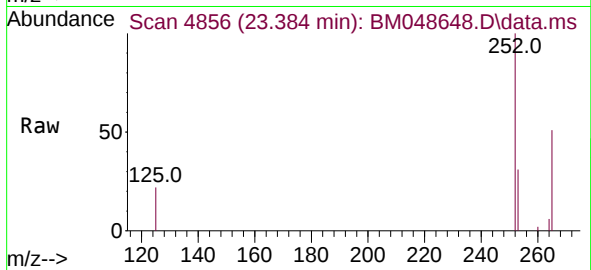
Tgt Ion:252 Resp: 19811

Ion Ratio Lower Upper

252 100

253 30.8 29.6 44.4

125 22.2 23.9 35.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng/ul

RT: 25.728 min Scan# 5626

Delta R.T. -0.010 min

Lab File: BM048648.D

Acq: 13 Nov 2024 23:58

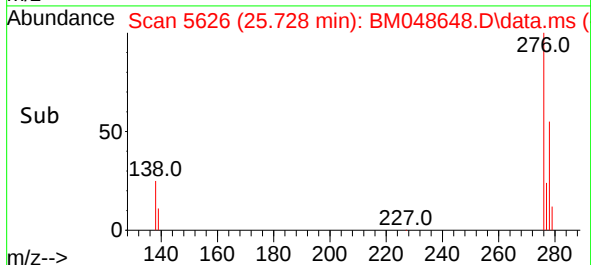
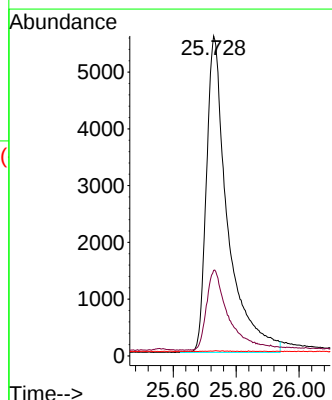
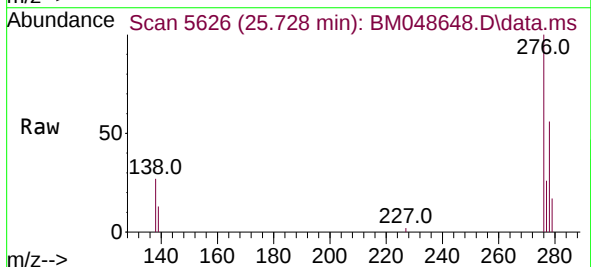
Tgt Ion:276 Resp: 25989

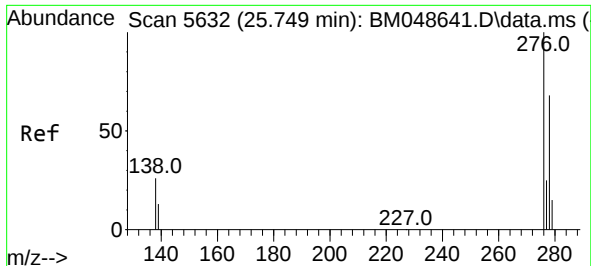
Ion Ratio Lower Upper

276 100

138 26.5 20.1 30.1

227 0.1 0.1 0.1#

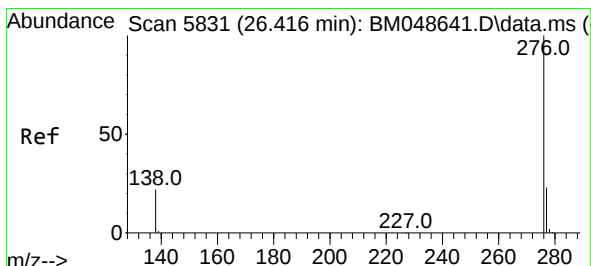
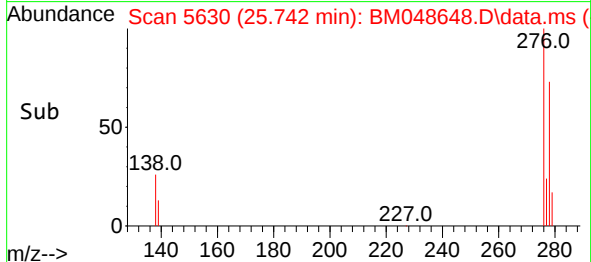
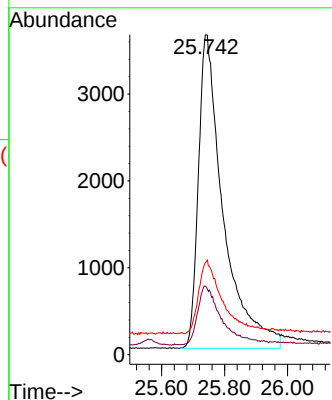
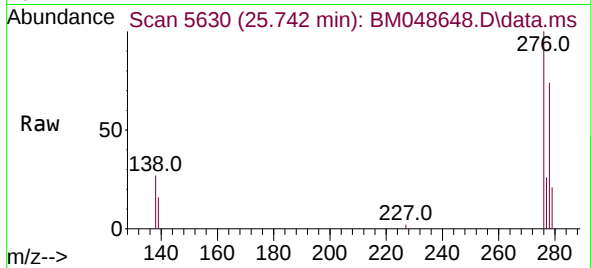




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.742 min Scan# 5630
Delta R.T. -0.017 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:278 Resp: 19789
Ion Ratio Lower Upper
278 100
139 21.2 17.8 26.8
279 29.1 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 26.409 min Scan# 5829
Delta R.T. -0.010 min
Lab File: BM048648.D
Acq: 13 Nov 2024 23:58

Tgt Ion:276 Resp: 22005
Ion Ratio Lower Upper
276 100
138 25.0 21.0 31.6
277 24.8 20.5 30.7

