

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048639.D
 Acq On : 13 Nov 2024 17:58
 Operator : RC/JU
 Sample : PB164902BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS902

Quant Time: Nov 14 02:21:09 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)

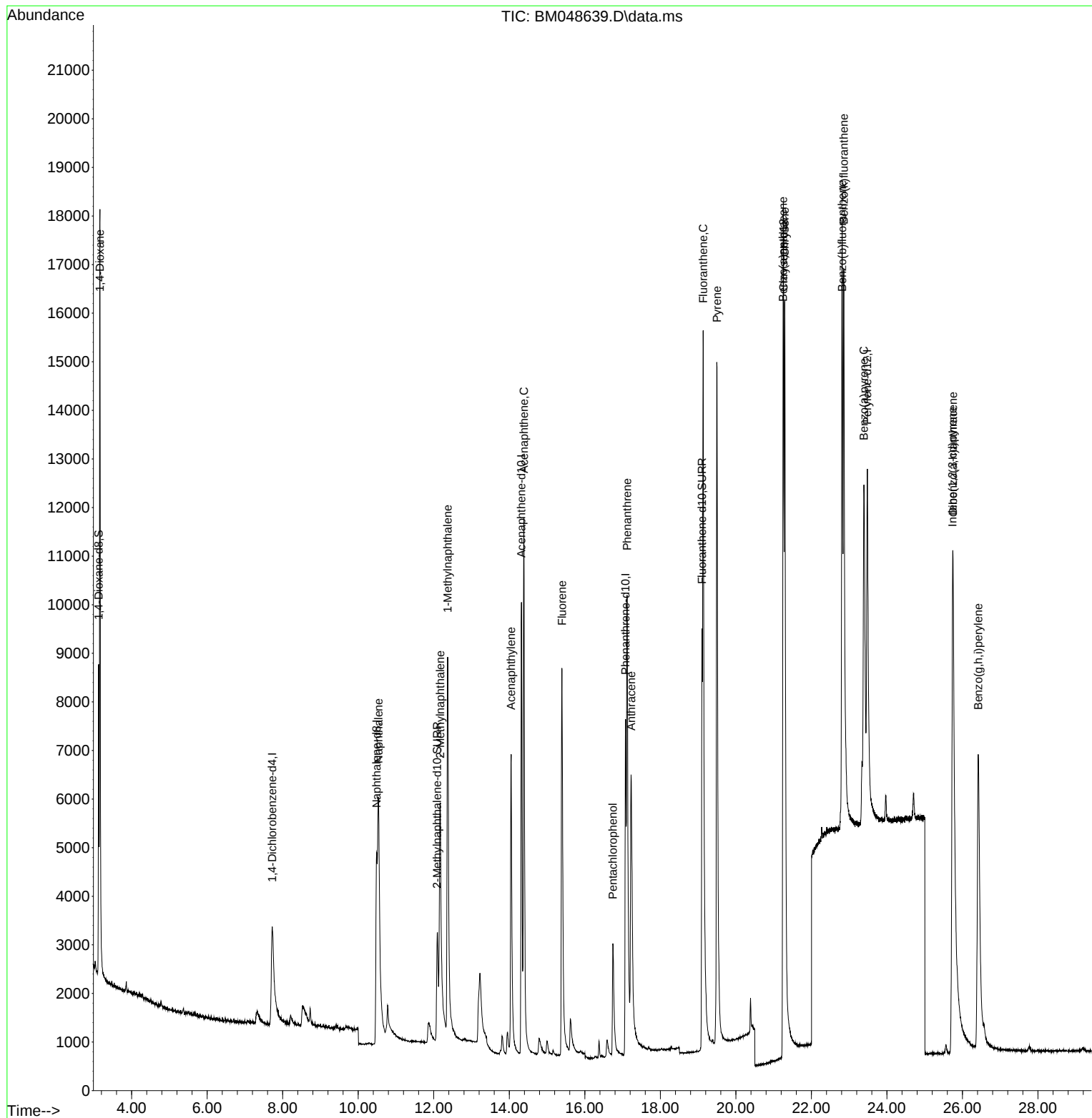
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	3687	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.486	136	12639	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.322	164	7411	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	15328	0.400	ng/ul	0.00
17) Chrysene-d12	21.260	240	12665	0.400	ng/ul	0.00
23) Perylene-d12	23.481	264	13360	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	3948	0.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	6921	0.424	ng/ul	-0.01
18) Fluoranthene-d10	19.104	212	15603	0.439	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.160	88	10625	2.078	ng/ul#	63
5) Naphthalene	10.540	128	13107	0.414	ng/ul	99
7) 2-Methylnaphthalene	12.168	142	7577	0.380	ng/ul	94
8) 1-Methylnaphthalene	12.366	142	9697	0.475	ng/ul	98
10) Acenaphthylene	14.049	152	11735	0.417	ng/ul	99
11) Acenaphthene	14.386	153	9167	0.407	ng/ul	100
12) Fluorene	15.395	166	9891	0.404	ng/ul	99
14) Pentachlorophenol	16.744	266	3125	0.555	ng/ul	97
15) Phenanthrene	17.120	178	14853	0.369	ng/ul	99
16) Anthracene	17.226	178	13665	0.365	ng/ul	99
19) Fluoranthene	19.137	202	19398	0.414	ng/ul	98
20) Pyrene	19.499	202	20819	0.409	ng/ul	98
21) Benzo(a)anthracene	21.248	228	14722	0.355	ng/ul	99
22) Chrysene	21.295	228	22832	0.459	ng/ul	98
24) Benzo(b)fluoranthene	22.814	252	18522	0.445	ng/ul	93
25) Benzo(k)fluoranthene	22.858	252	22263	0.456	ng/ul	92
26) Benzo(a)pyrene	23.390	252	17734	0.436	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.738	276	22429	0.395	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.752	278	16872	0.382	ng/ul	98
29) Benzo(g,h,i)perylene	26.419	276	19503	0.409	ng/ul	99

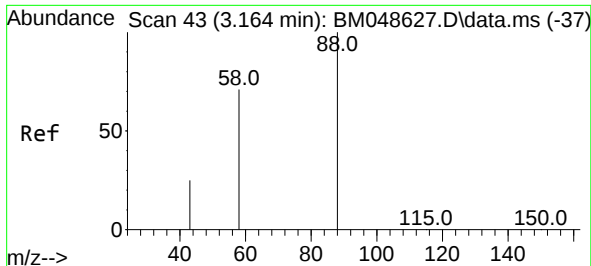
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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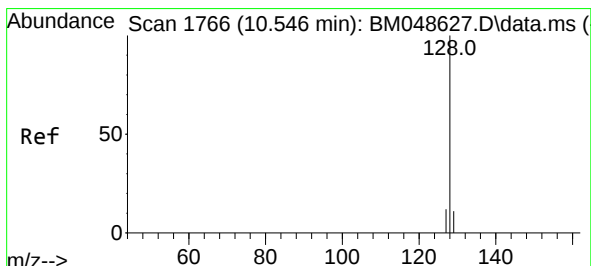
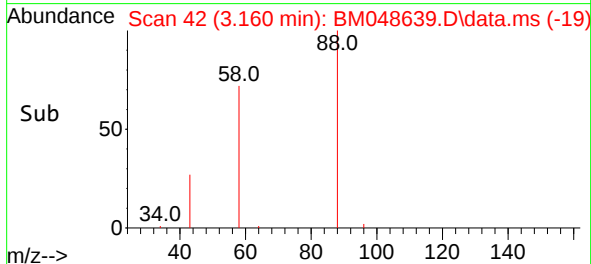
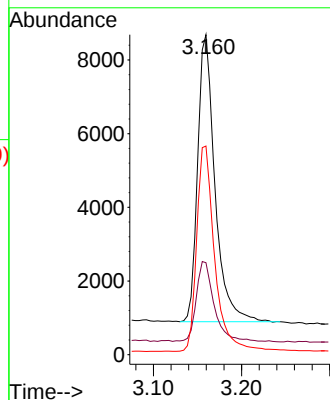
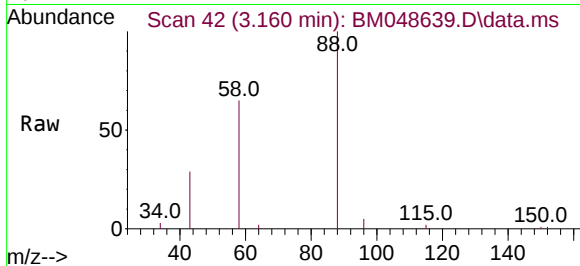




#2
1,4-Dioxane
Concen: 2.078 ng/ul
RT: 3.160 min Scan# 43
Delta R.T. -0.004 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

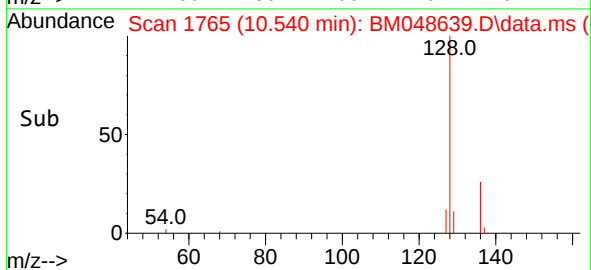
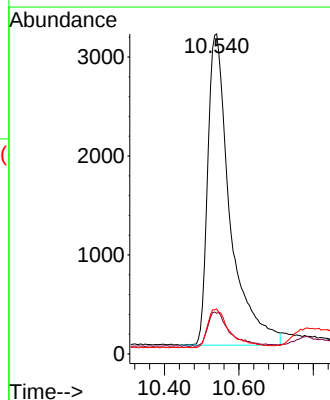
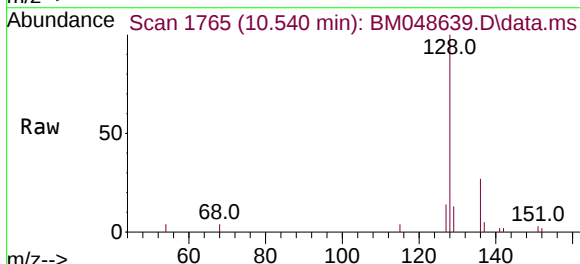
Instrument :
BNA_M
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SLCS902

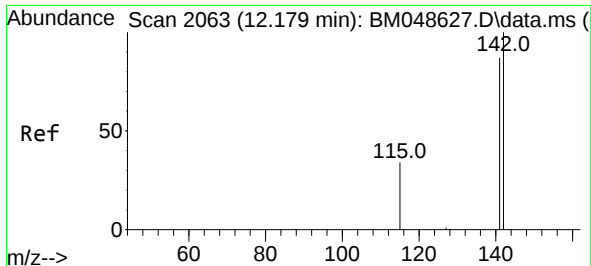
Tgt Ion: 88 Resp: 10625
Ion Ratio Lower Upper
88 100
43 28.8 60.2 90.4#
58 65.2 44.2 66.2



#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.540 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Tgt Ion: 128 Resp: 13107
Ion Ratio Lower Upper
128 100
129 12.7 10.0 15.0
127 14.1 10.9 16.3

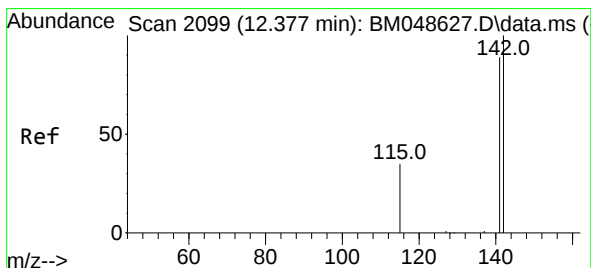
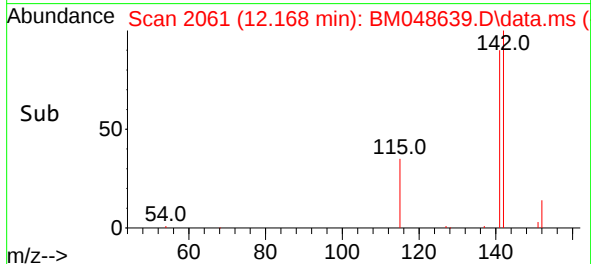
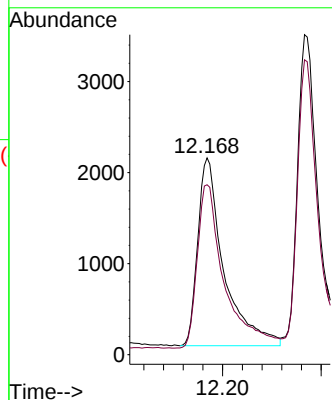
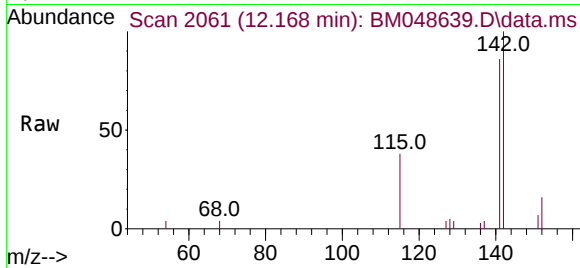




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.168 min Scan# 2061
Delta R.T. -0.011 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

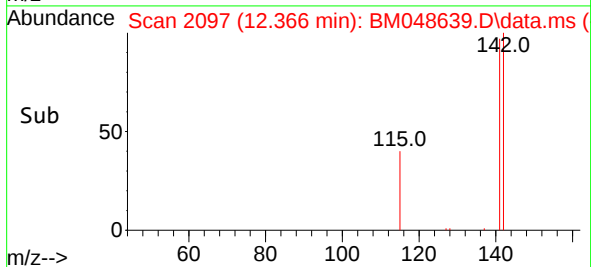
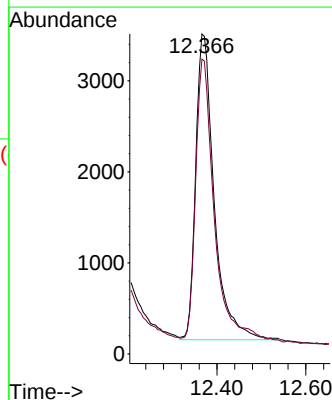
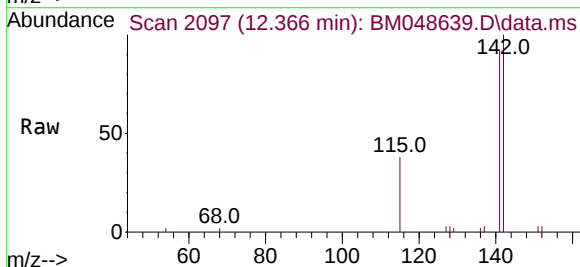
Instrument :
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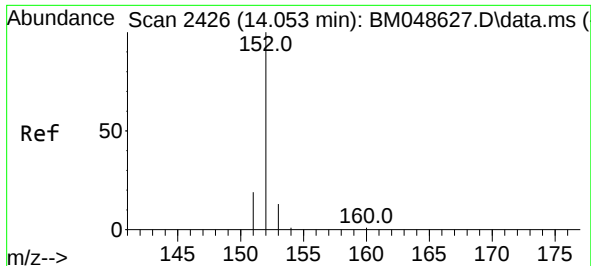
Tgt Ion:142 Resp: 7577
Ion Ratio Lower Upper
142 100
141 91.1 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.475 ng/ul
RT: 12.366 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Tgt Ion:142 Resp: 9697
Ion Ratio Lower Upper
142 100
141 92.6 72.8 109.2

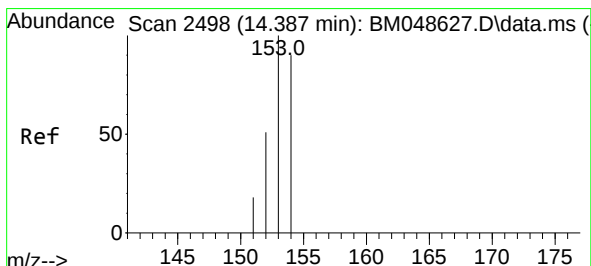
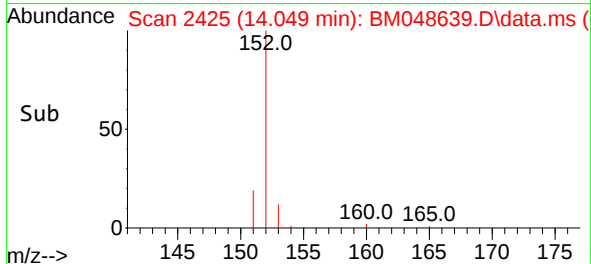
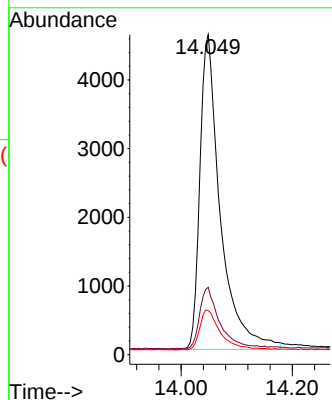
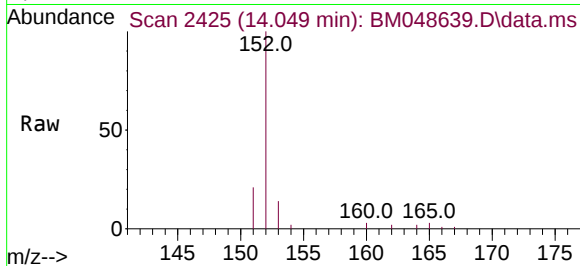




#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.049 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

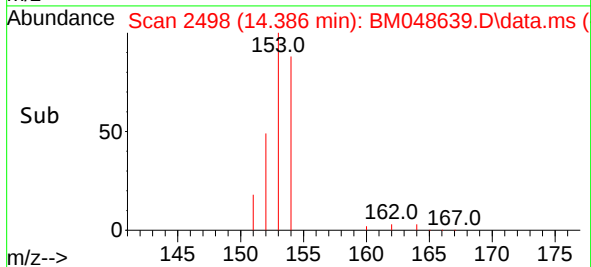
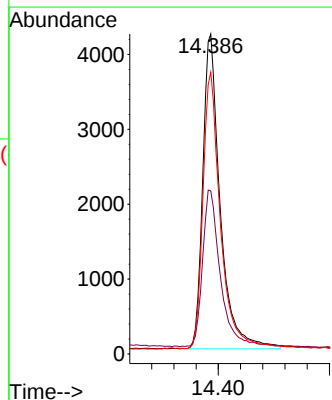
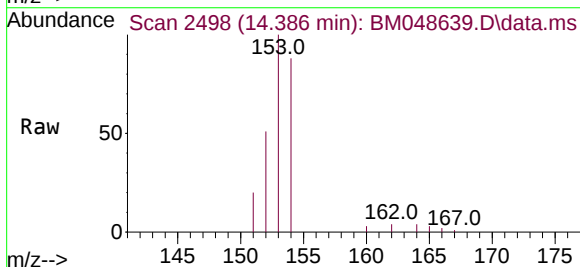
Instrument :
BNA_M
ClientSampleId :
SLCS902

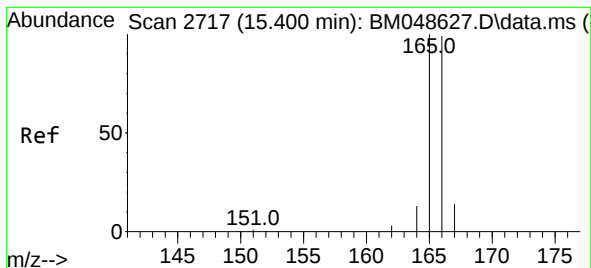
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.5	24.7
153	13.8	11.6	17.4



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.386 min Scan# 2498
Delta R.T. -0.000 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.0	41.1	61.7
154	88.1	70.3	105.5





#12

Fluorene

Concen: 0.404 ng/ul

RT: 15.395 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM048639.D

Acq: 13 Nov 2024 17:58

Instrument :

BNA_M

ClientSampleId :

SLCS902

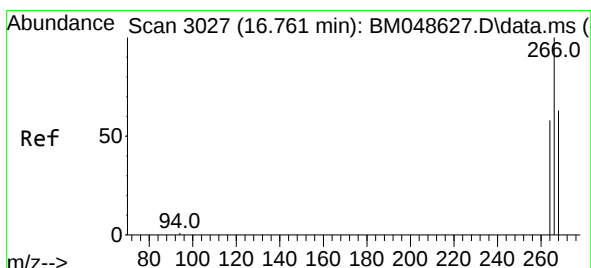
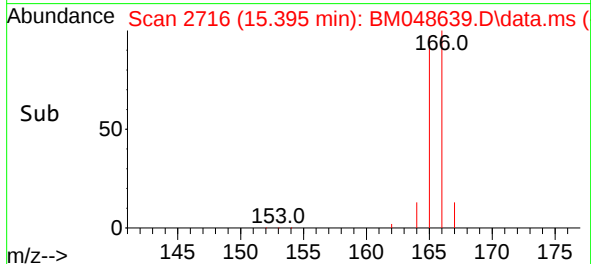
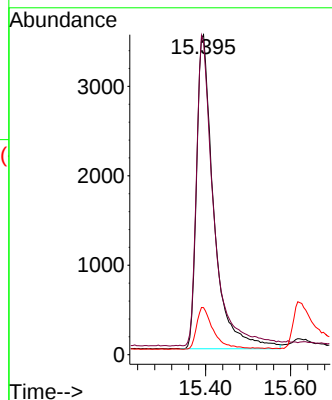
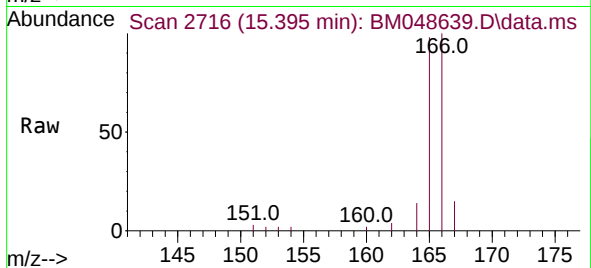
Tgt Ion:166 Resp: 9891

Ion Ratio Lower Upper

166 100

165 97.7 78.7 118.1

167 14.7 12.6 18.8



#14

Pentachlorophenol

Concen: 0.555 ng/ul

RT: 16.744 min Scan# 3023

Delta R.T. -0.017 min

Lab File: BM048639.D

Acq: 13 Nov 2024 17:58

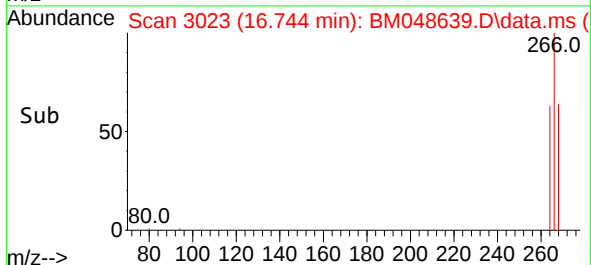
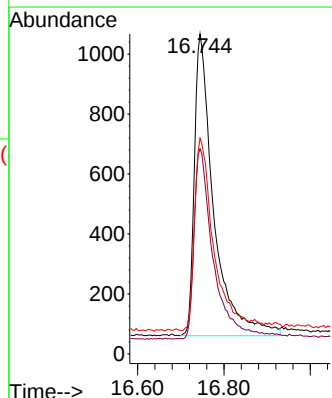
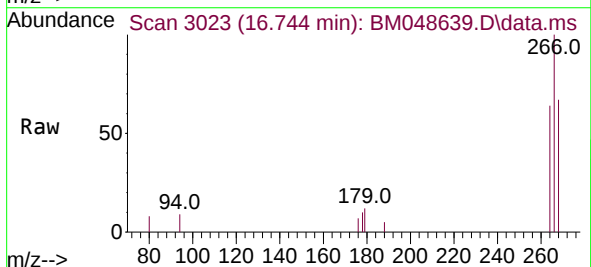
Tgt Ion:266 Resp: 3125

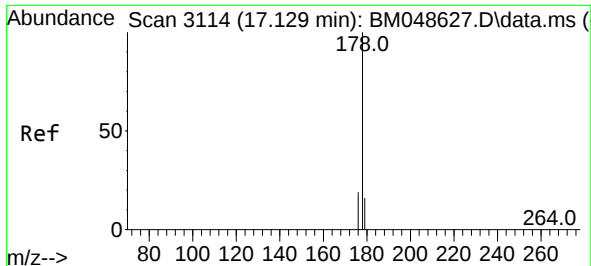
Ion Ratio Lower Upper

266 100

264 62.7 49.6 74.4

268 65.4 49.4 74.0

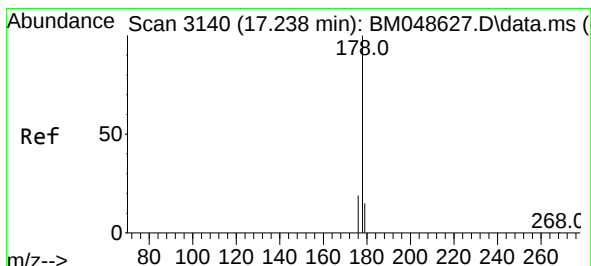
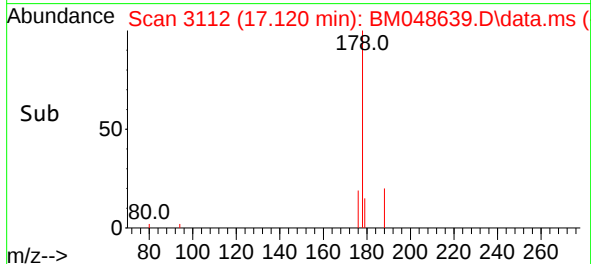
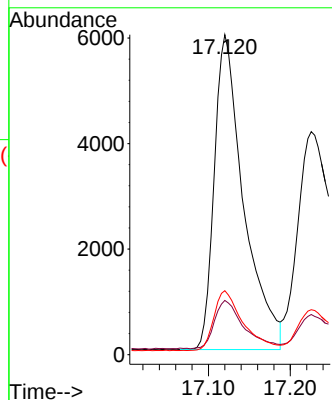
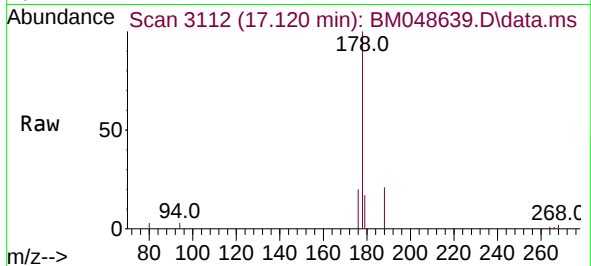




#15
Phenanthrene
Concen: 0.369 ng/u1
RT: 17.120 min Scan# 3114
Delta R.T. -0.009 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

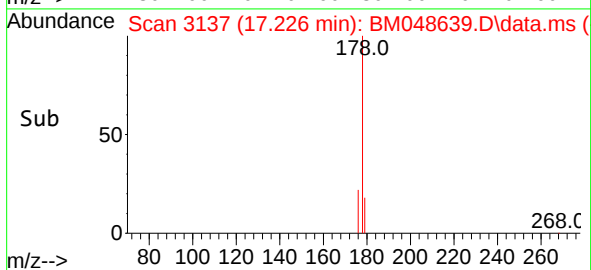
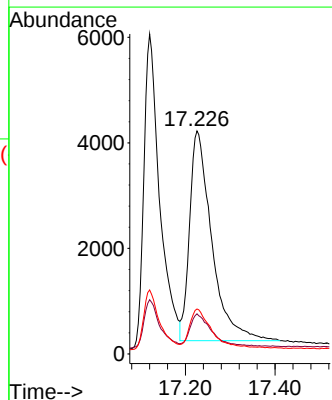
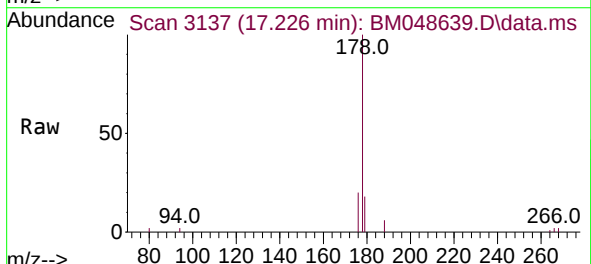
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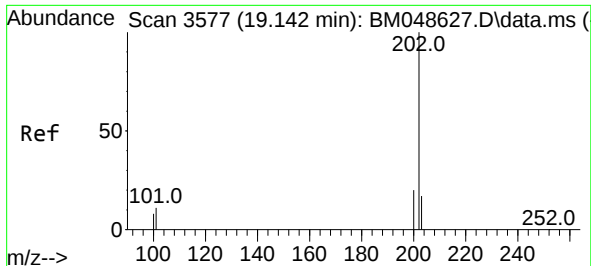
Tgt Ion:178 Resp: 14853
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.0
176 20.0 16.2 24.2



#16
Anthracene
Concen: 0.365 ng/u1
RT: 17.226 min Scan# 3137
Delta R.T. -0.013 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Tgt Ion:178 Resp: 13665
Ion Ratio Lower Upper
178 100
179 18.0 13.7 20.5
176 20.2 15.9 23.9

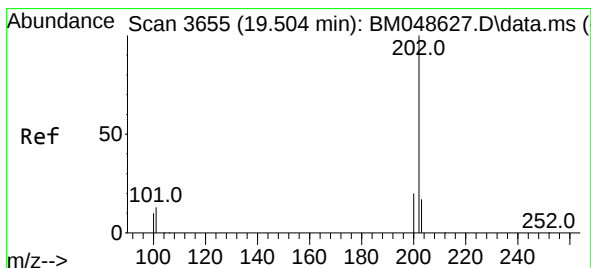
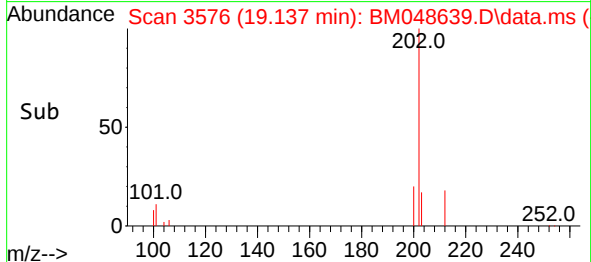
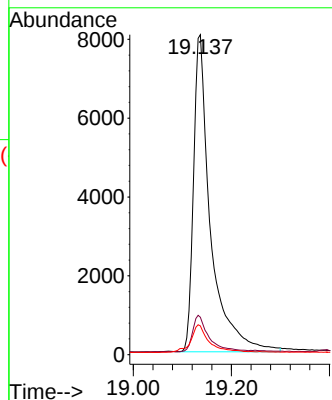
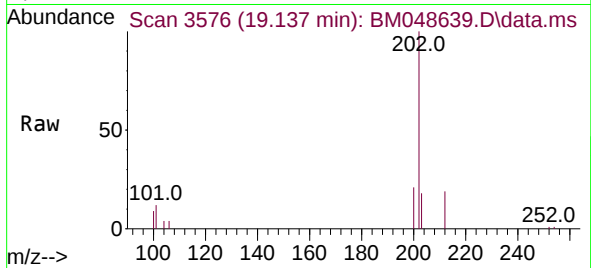




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.137 min Scan# 3576
Delta R.T. -0.005 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

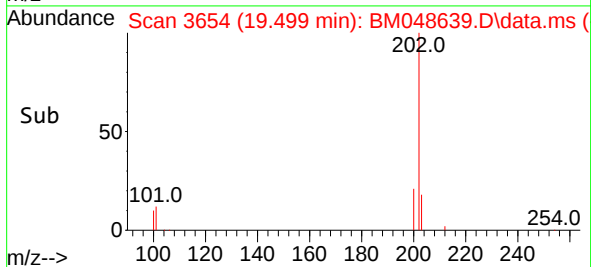
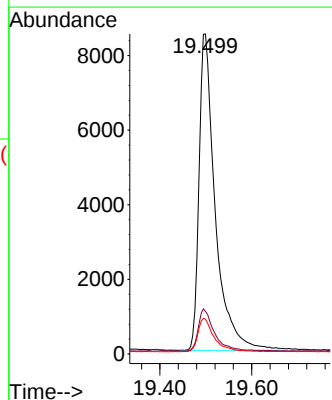
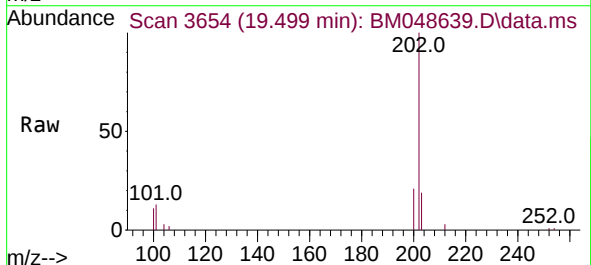
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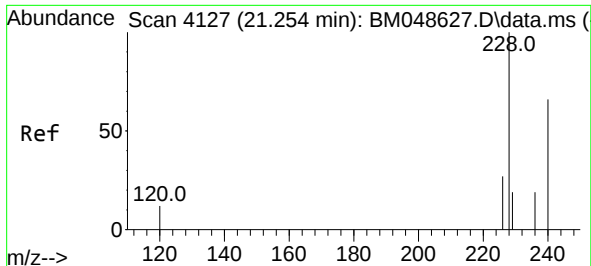
Tgt Ion:202 Resp: 19398
Ion Ratio Lower Upper
202 100
101 11.7 10.2 15.4
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.409 ng/ul
RT: 19.499 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Tgt Ion:202 Resp: 20819
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.2
100 10.8 8.5 12.7

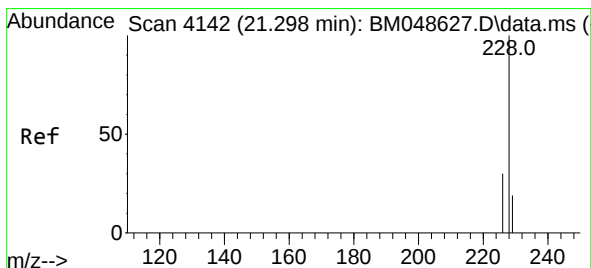
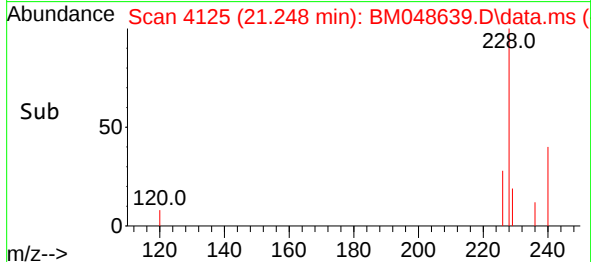
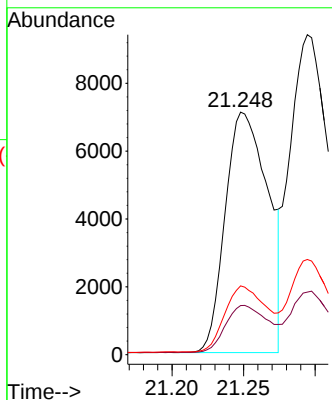
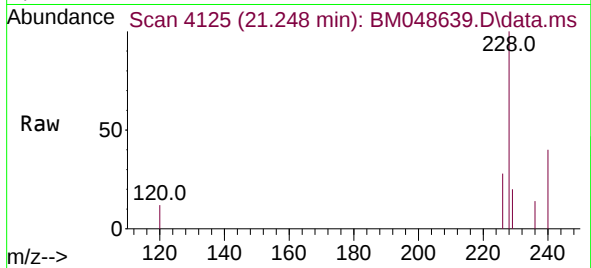




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.248 min Scan# 411
Delta R.T. -0.006 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

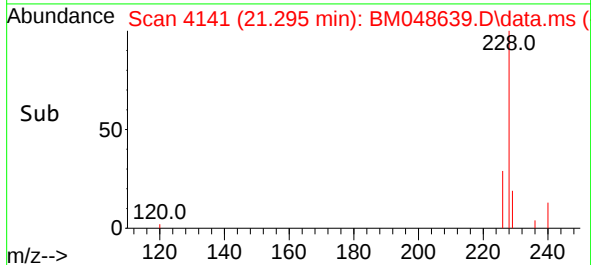
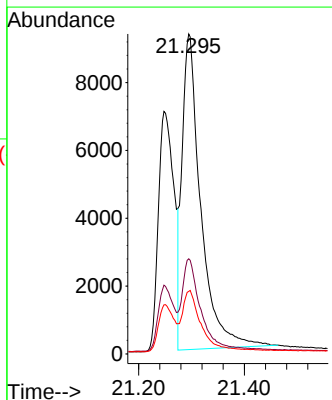
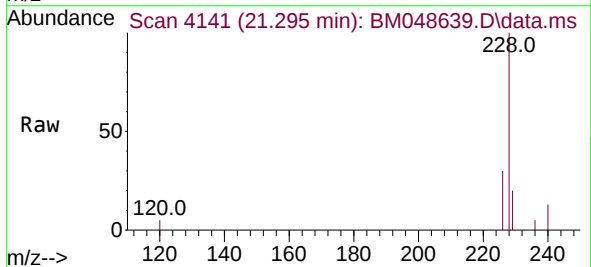
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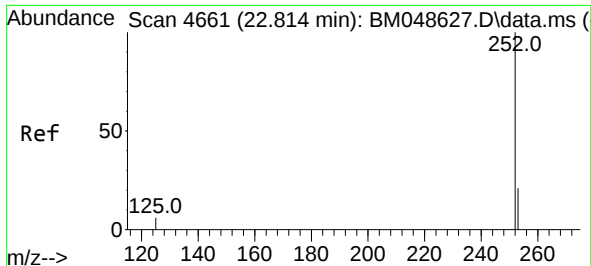
Tgt Ion:228 Resp: 14722
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.4 22.1 33.1



#22
Chrysene
Concen: 0.459 ng/ul
RT: 21.295 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

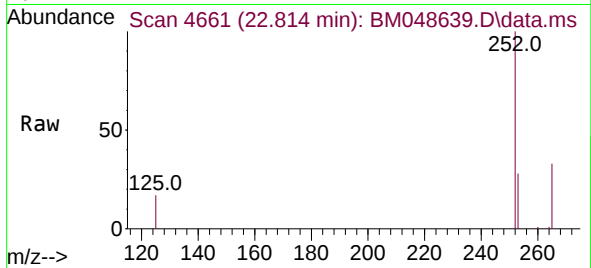
Tgt Ion:228 Resp: 22832
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 19.6 16.5 24.7



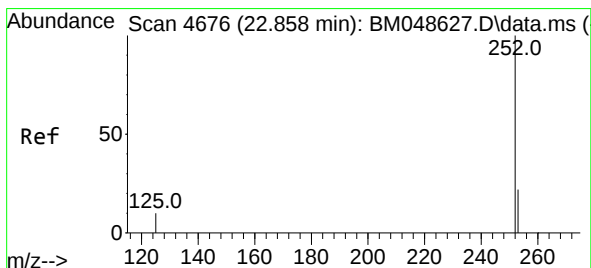
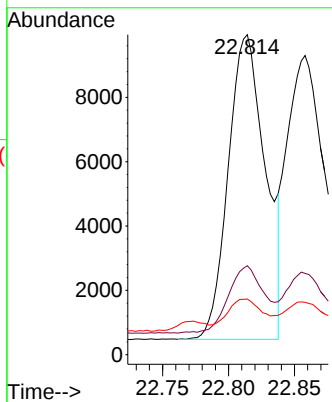


#24
Benzo(b)fluoranthene
Concen: 0.445 ng/ul
RT: 22.814 min Scan# 4661
Delta R.T. -0.000 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Instrument :
BNA_M
ClientSampleId :
SLCS902

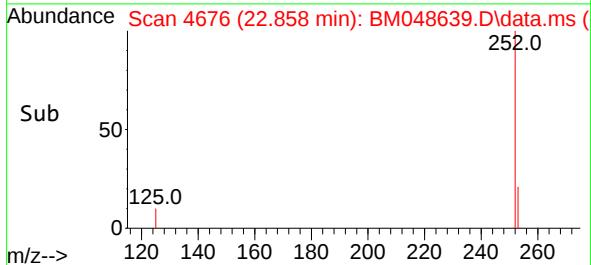
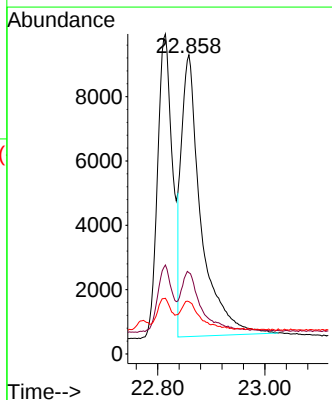
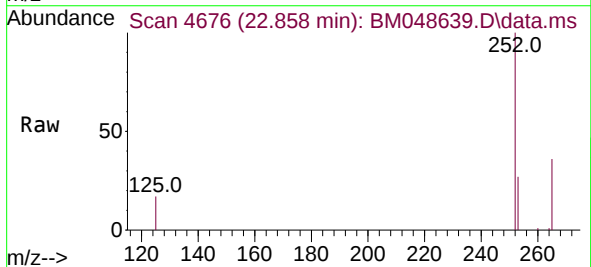


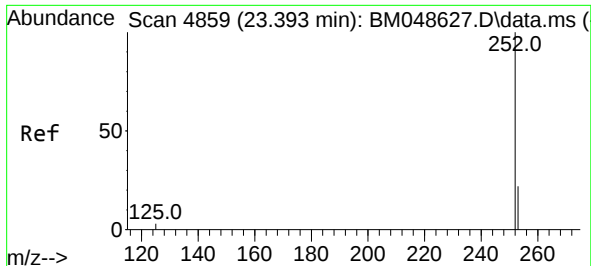
Tgt Ion:252 Resp: 18522
Ion Ratio Lower Upper
252 100
253 27.8 0.0 61.6
125 17.4 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.456 ng/ul
RT: 22.858 min Scan# 4676
Delta R.T. -0.000 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Tgt Ion:252 Resp: 22263
Ion Ratio Lower Upper
252 100
253 27.2 25.0 37.4
125 17.5 17.4 26.0

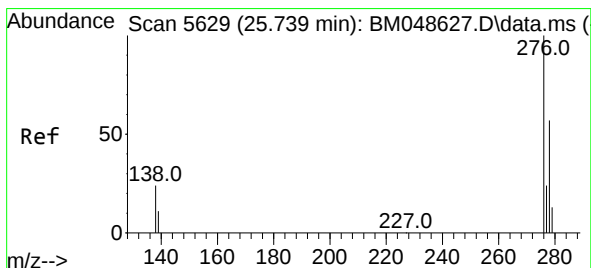
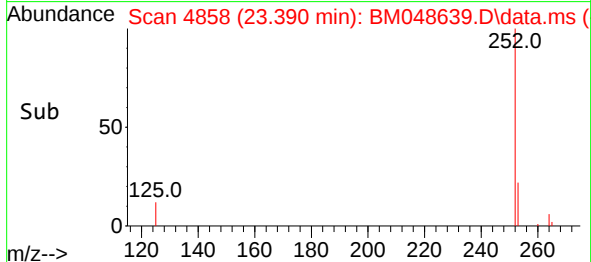
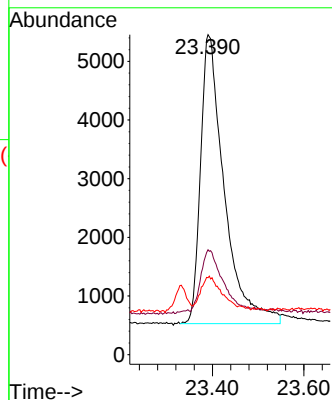
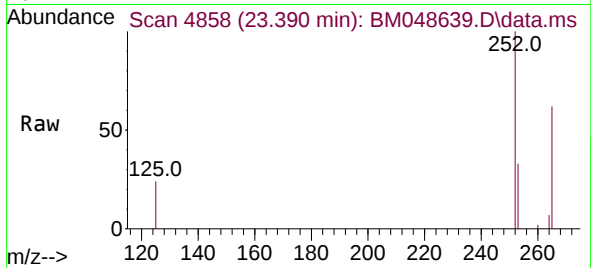




#26
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.390 min Scan# 4859
Delta R.T. -0.003 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

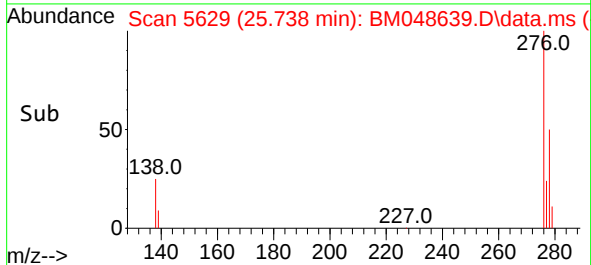
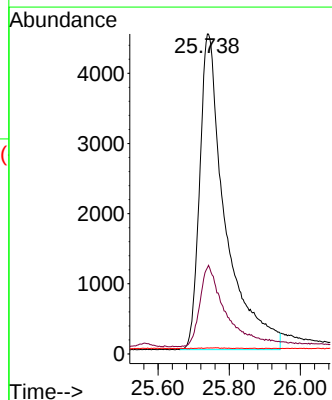
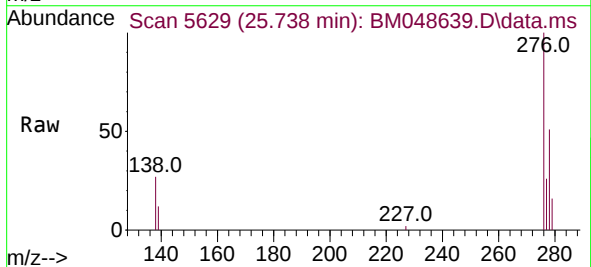
Instrument :
BNA_M
ClientSampleId :
SLCS902

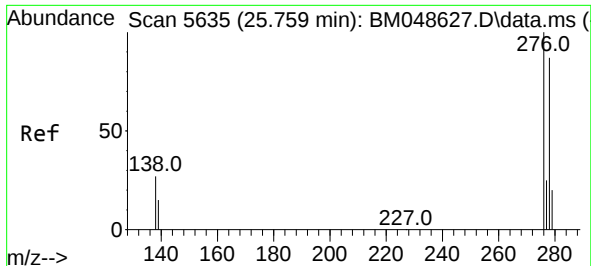
Tgt Ion:	252	Resp:	17734
Ion Ratio	Lower	Upper	
252	100		
253	32.8	29.6	44.4
125	24.0	23.9	35.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 25.738 min Scan# 5629
Delta R.T. -0.000 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Tgt Ion:	276	Resp:	22429
Ion Ratio	Lower	Upper	
276	100		
138	26.4	20.1	30.1
227	0.0	0.1	0.1

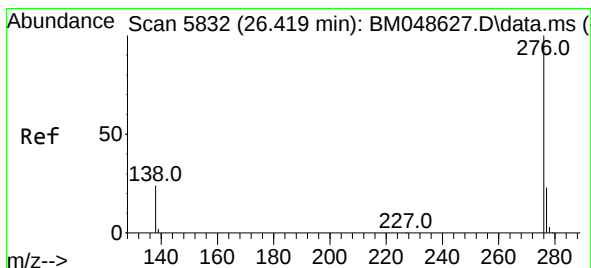
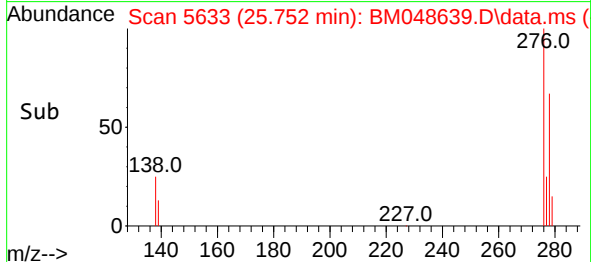
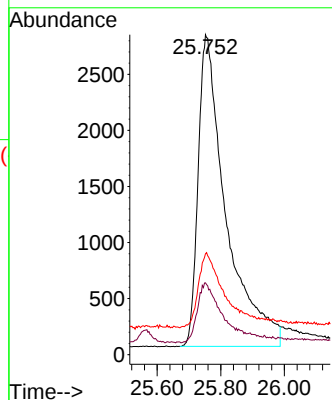
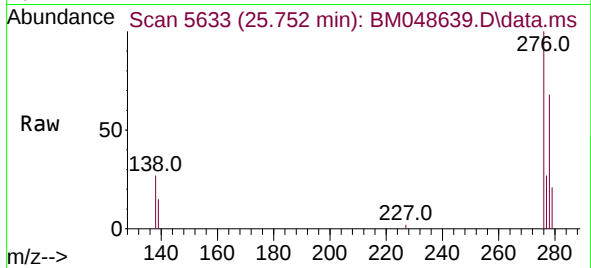




#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 25.752 min Scan# 5633
Delta R.T. -0.007 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Instrument :
BNA_M
ClientSampleId :
SLCS902

Tgt Ion:278 Resp: 16872
Ion Ratio Lower Upper
278 100
139 22.5 17.8 26.8
279 31.5 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 26.419 min Scan# 5832
Delta R.T. -0.000 min
Lab File: BM048639.D
Acq: 13 Nov 2024 17:58

Tgt Ion:276 Resp: 19503
Ion Ratio Lower Upper
276 100
138 25.3 21.0 31.6
277 25.4 20.5 30.7

