

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032945.D
 Acq On : 10 Nov 2021 10:36
 Operator : CG/JU
 Sample : PB140352BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS352

Quant Time: Nov 10 12:09:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 13:31:56 2021
 Response via : Initial Calibration

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

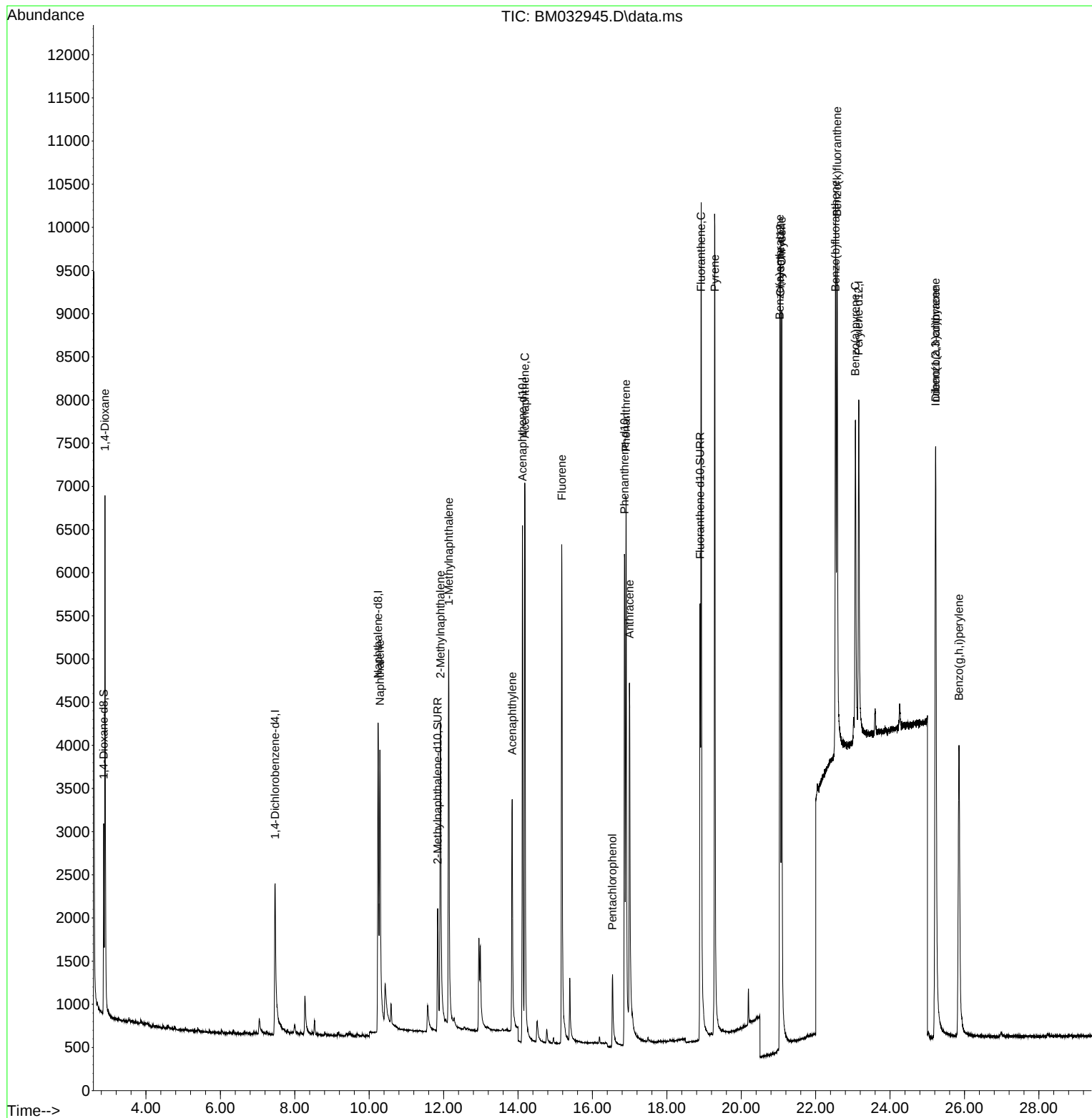
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	1624	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	6134	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.121	164	3546	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.865	188	7358	0.400	ng/ul	0.00
17) Chrysene-d12	21.052	240	6103	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264	5089	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.864	96	1387	0.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.840	152	2627	0.302	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	5969	0.323	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.898	88	3883	1.823	ng/ul#	90
5) Naphthalene	10.289	128	5722	0.321	ng/ul	99
7) 2-Methylnaphthalene	11.917	142	3583	0.290	ng/ul	99
8) 1-Methylnaphthalene	12.137	142	3454	0.286	ng/ul	99
10) Acenaphthylene	13.842	152	4394	0.285	ng/ul	97
11) Acenaphthene	14.182	153	4156	0.309	ng/ul	99
12) Fluorene	15.175	166	4668	0.294	ng/ul	99
14) Pentachlorophenol	16.539	266	807	0.421	ng/ul	97
15) Phenanthrene	16.904	178	7423	0.304	ng/ul	99
16) Anthracene	16.997	178	5997	0.279	ng/ul	99
19) Fluoranthene	18.923	202	8736	0.305	ng/ul	98
20) Pyrene	19.289	202	9034	0.303	ng/ul	100
21) Benzo(a)anthracene	21.035	228	6513	0.289	ng/ul	99
22) Chrysene	21.088	228	8139	0.320	ng/ul	100
24) Benzo(b)fluoranthene	22.536	252	7560	0.324	ng/ul	94
25) Benzo(k)fluoranthene	22.577	252	8364	0.334	ng/ul	92
26) Benzo(a)pyrene	23.067	252	6011	0.312	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.223	276	7588	0.343	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.225	278	6011	0.343	ng/ul	95
29) Benzo(g,h,i)perylene	25.853	276	6890	0.358	ng/ul	99

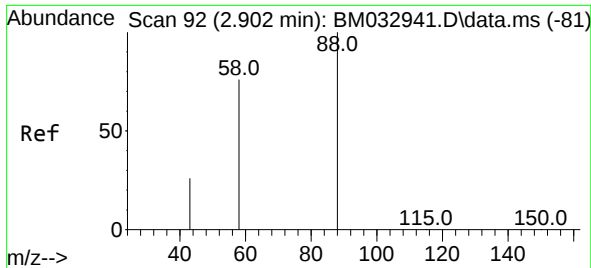
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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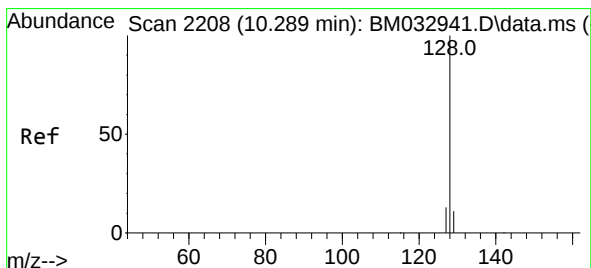
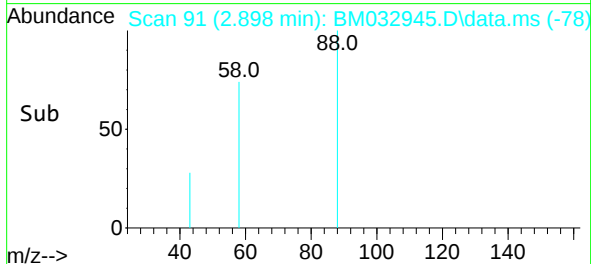
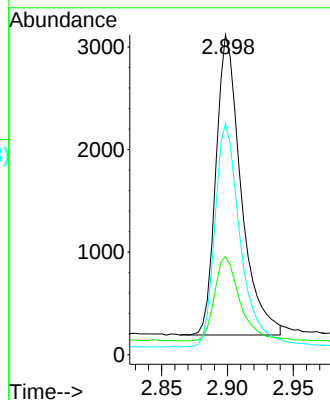
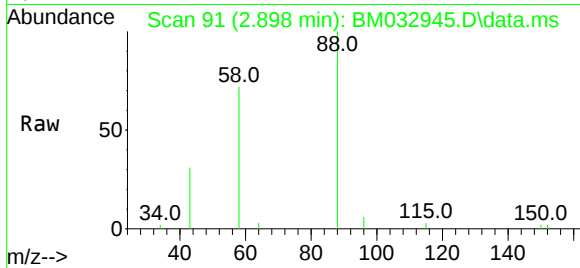




#2
1,4-Dioxane
Concen: 1.823 ng/ul
RT: 2.898 min Scan# 91
Delta R.T. -0.004 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

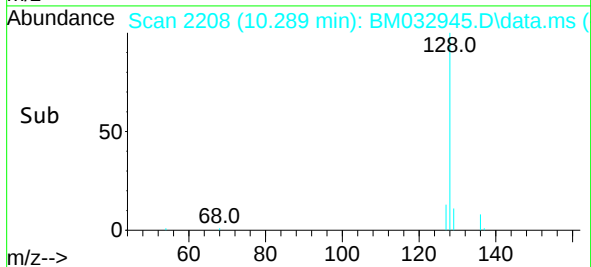
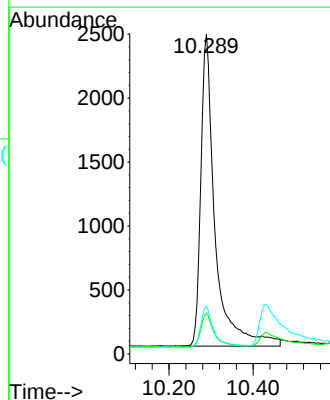
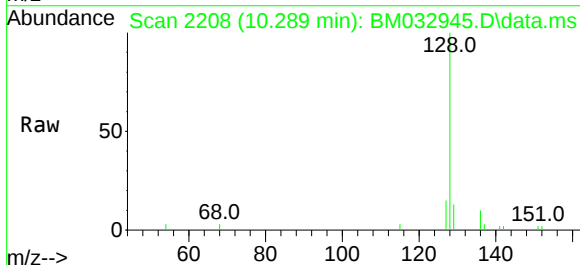
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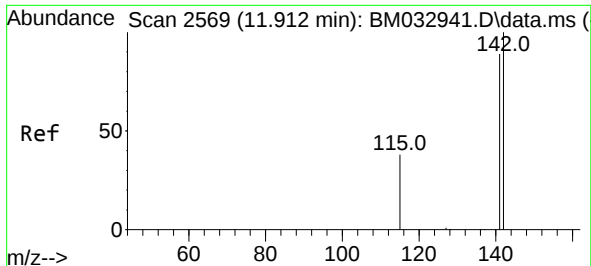
Tgt Ion: 88 Resp: 3883
Ion Ratio Lower Upper
88 100
43 30.6 35.8 53.8#
58 72.3 55.8 83.8



#5
Naphthalene
Concen: 0.321 ng/ul
RT: 10.289 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion: 128 Resp: 5722
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 14.8 11.8 17.8

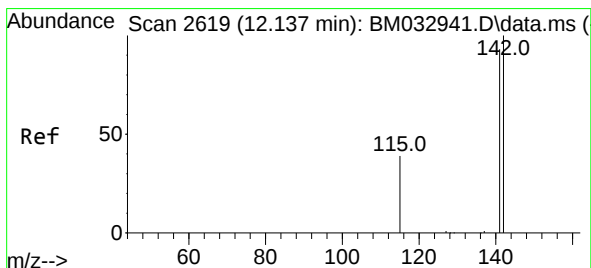
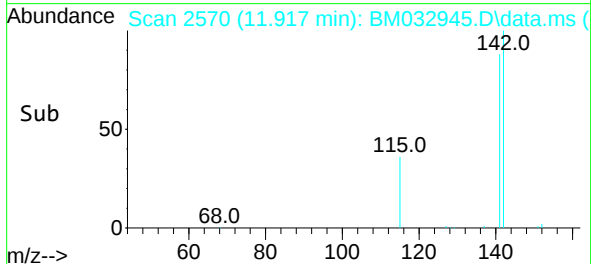
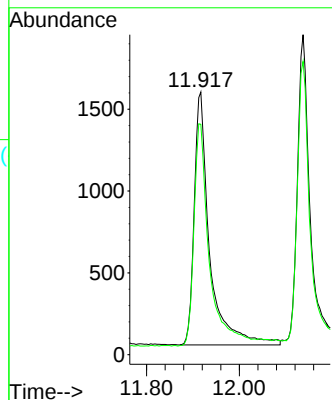
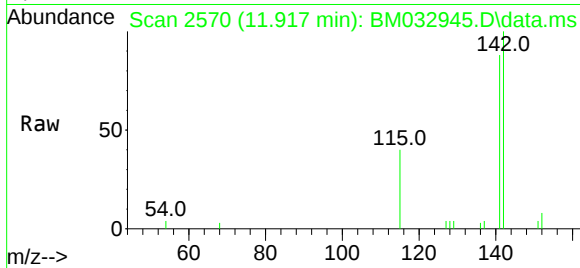




#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 11.917 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

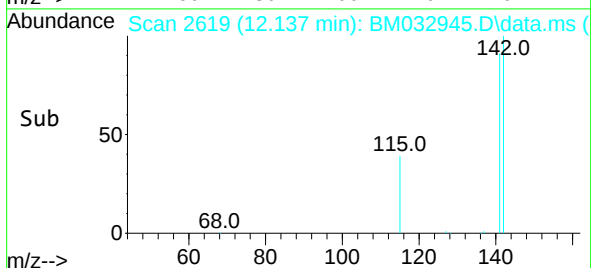
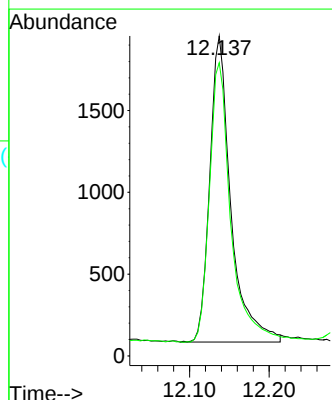
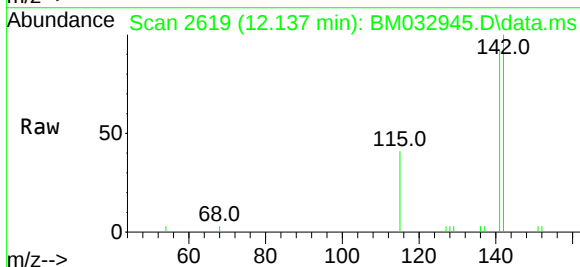
Instrument :
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ClientSampleId :
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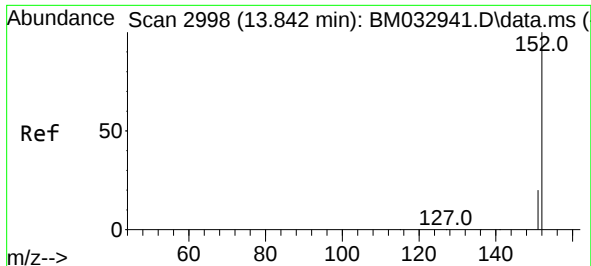
Tgt Ion:142 Resp: 3583
Ion Ratio Lower Upper
142 100
141 90.6 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.137 min Scan# 2619
Delta R.T. -0.001 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion:142 Resp: 3454
Ion Ratio Lower Upper
142 100
141 92.4 74.5 111.7

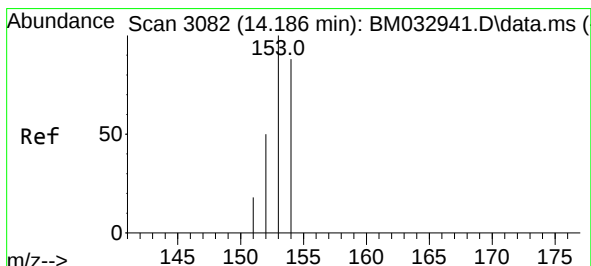
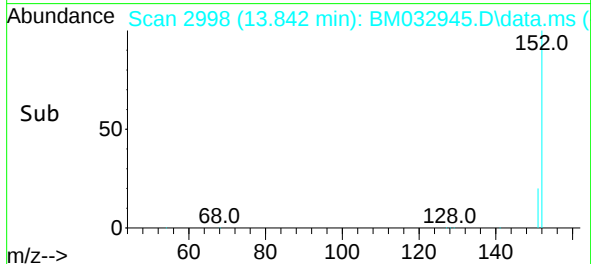
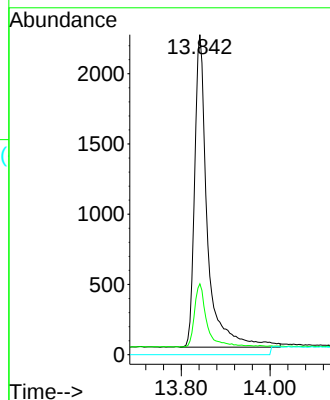
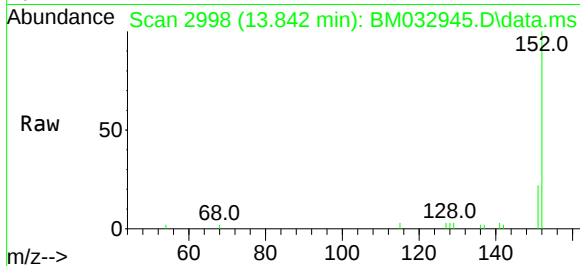




#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 13.842 min Scan# 2998
Delta R.T. -0.001 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

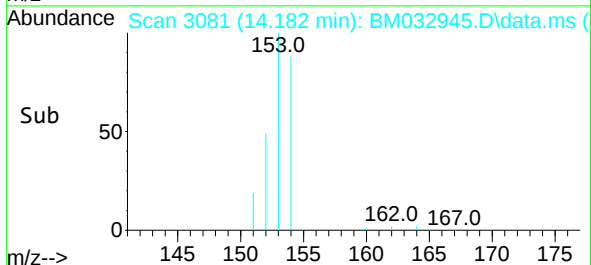
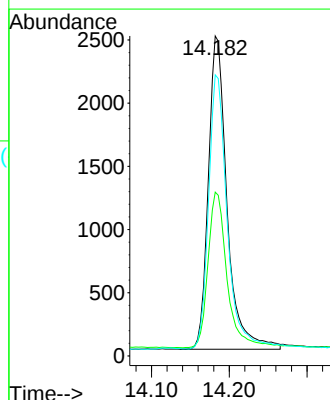
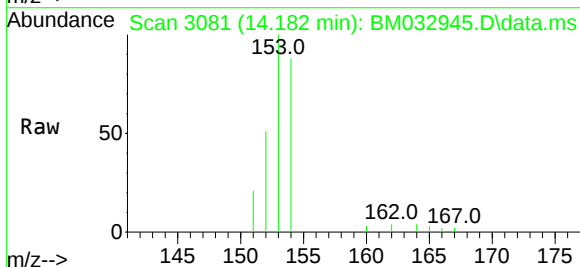
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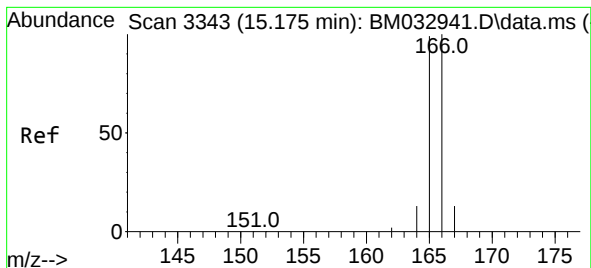
Tgt Ion:152 Resp: 4394
Ion Ratio Lower Upper
152 100
151 22.2 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.309 ng/ul
RT: 14.182 min Scan# 3081
Delta R.T. -0.005 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion:153 Resp: 4156
Ion Ratio Lower Upper
153 100
152 51.2 40.6 60.8
154 87.9 70.8 106.2





#12

Fluorene

Concen: 0.294 ng/ul

RT: 15.175 min Scan# 31

Delta R.T. -0.001 min

Lab File: BM032945.D

Acq: 10 Nov 2021 10:36

Instrument :

BNA_M

ClientSampleId :

SLCS352

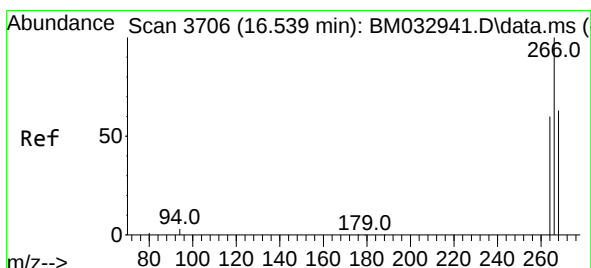
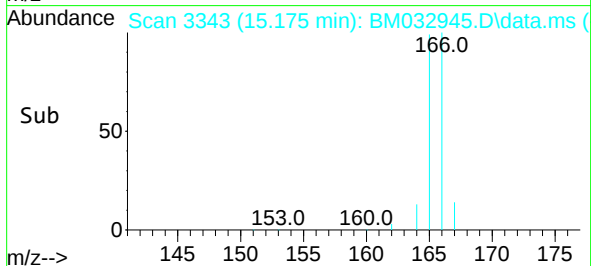
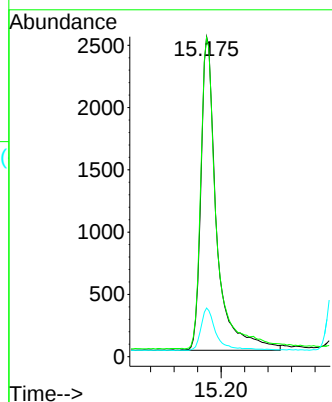
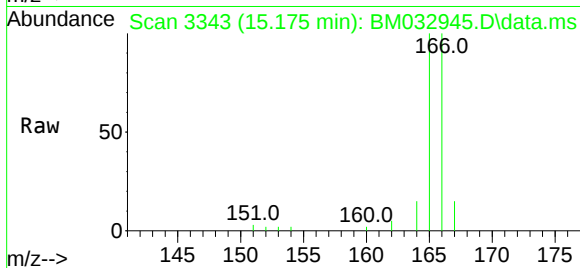
Tgt Ion:166 Resp: 4668

Ion Ratio Lower Upper

166 100

165 99.8 80.8 121.2

167 15.2 11.7 17.5



#14

Pentachlorophenol

Concen: 0.421 ng/ul

RT: 16.539 min Scan# 3706

Delta R.T. -0.004 min

Lab File: BM032945.D

Acq: 10 Nov 2021 10:36

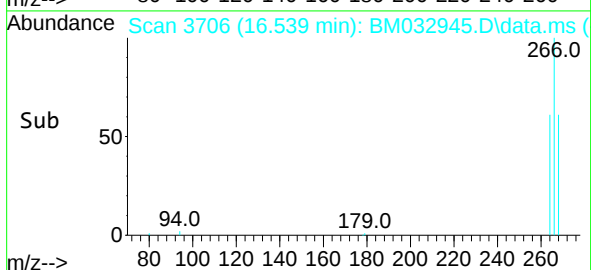
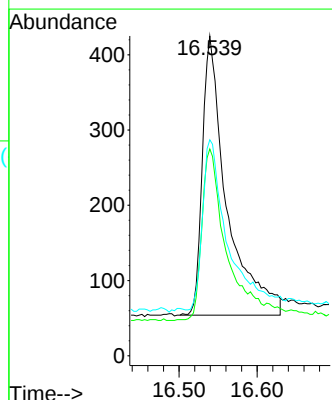
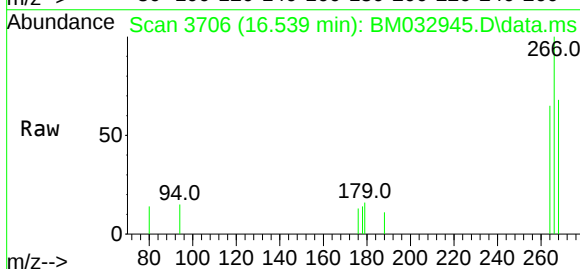
Tgt Ion:266 Resp: 807

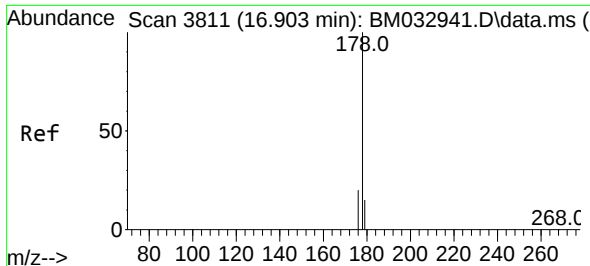
Ion Ratio Lower Upper

266 100

264 62.8 51.2 76.8

268 62.8 52.9 79.3

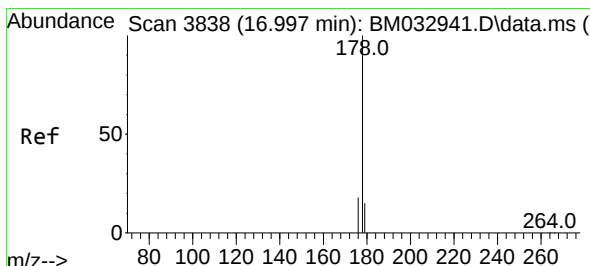
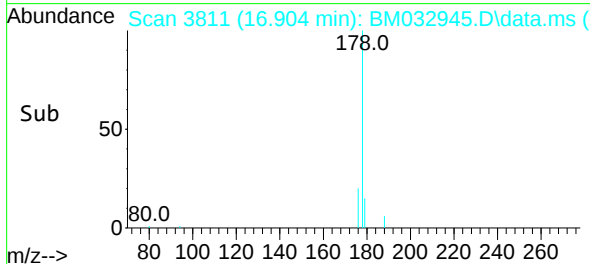
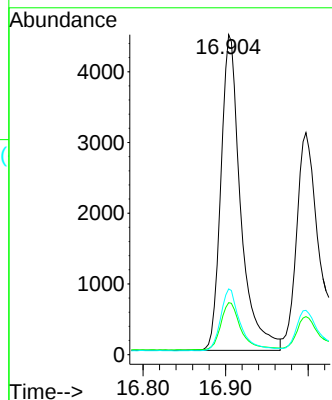
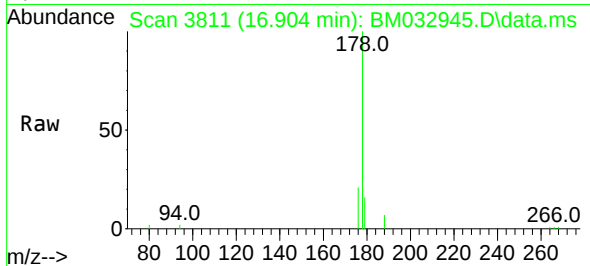




#15
Phenanthrene
Concen: 0.304 ng/u1
RT: 16.904 min Scan# 3811
Delta R.T. -0.004 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

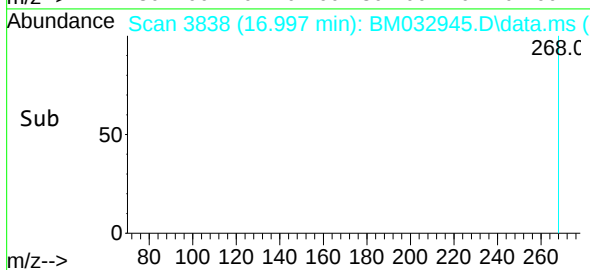
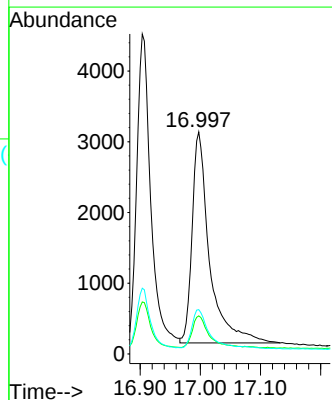
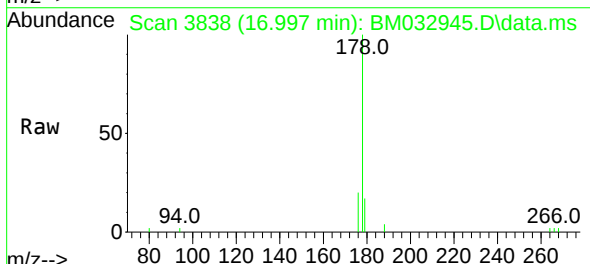
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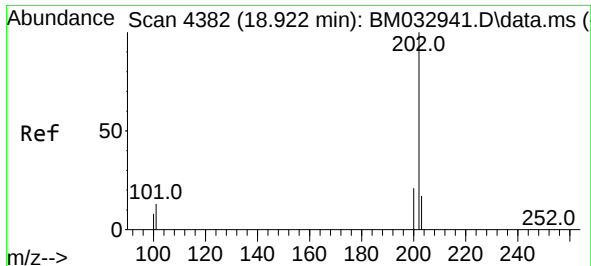
Tgt Ion:178 Resp: 7423
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.5 16.0 24.0



#16
Anthracene
Concen: 0.279 ng/u1
RT: 16.997 min Scan# 3838
Delta R.T. -0.001 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion:178 Resp: 5997
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 20.0 15.6 23.4

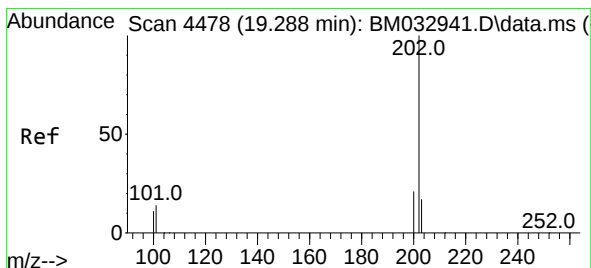
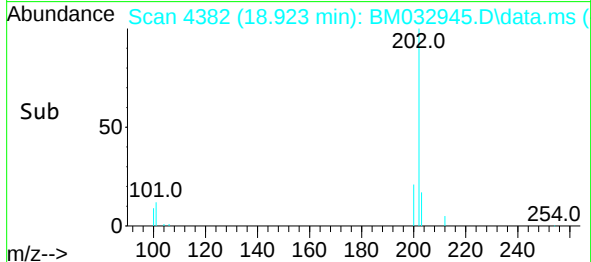
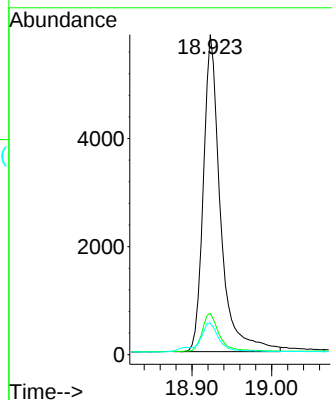
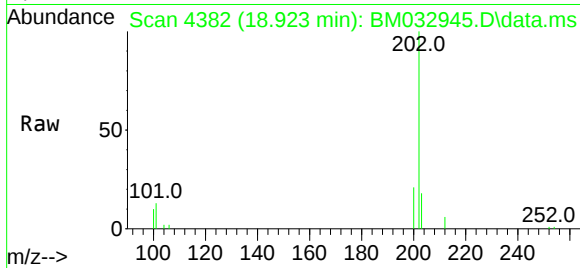




#19
Fluoranthene
Concen: 0.305 ng/ul
RT: 18.923 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

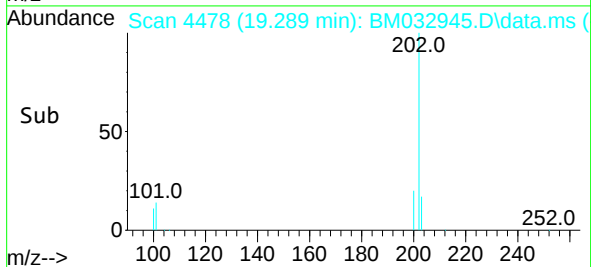
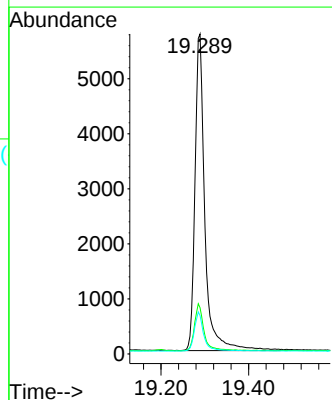
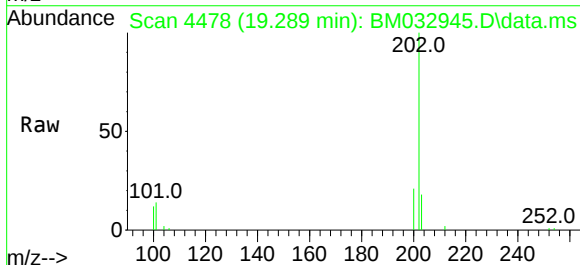
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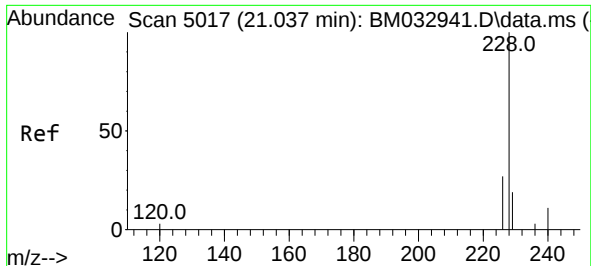
Tgt Ion:202 Resp: 8736
Ion Ratio Lower Upper
202 100
101 12.9 9.9 14.9
100 9.8 7.3 10.9



#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.289 min Scan# 4478
Delta R.T. -0.001 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion:202 Resp: 9034
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 12.0 9.5 14.3

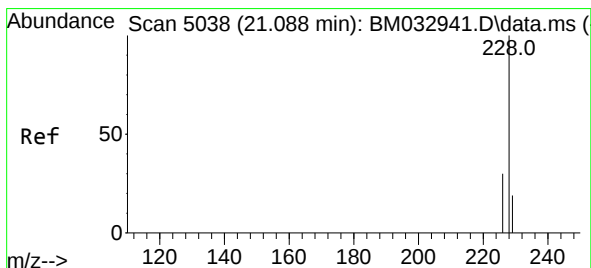
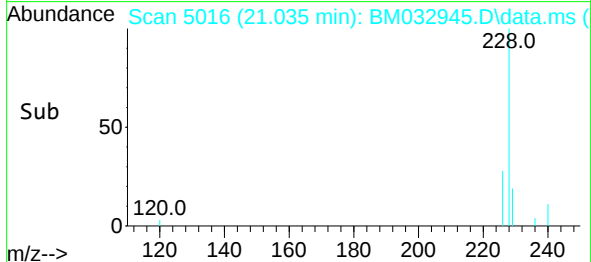
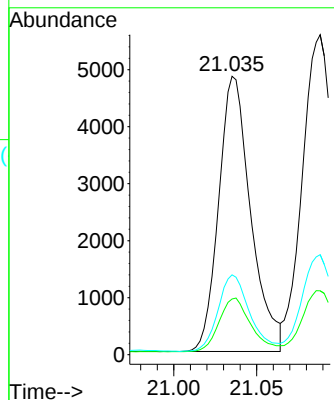
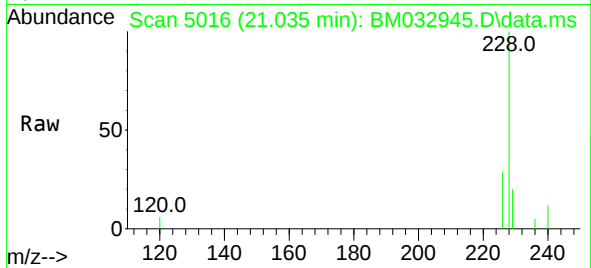




#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.035 min Scan# 5017
Delta R.T. -0.003 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

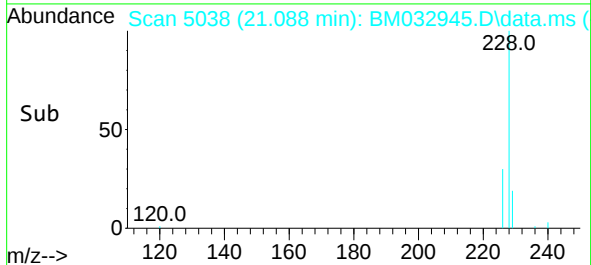
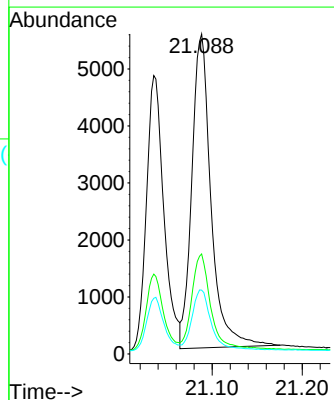
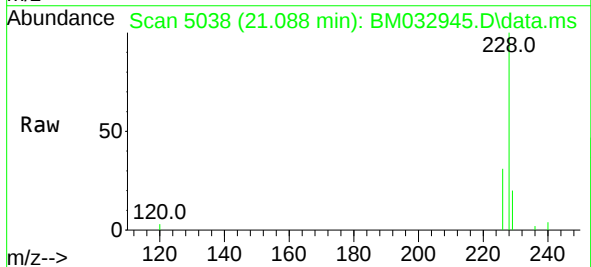
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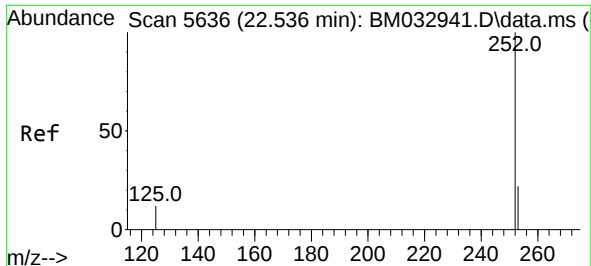
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Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 28.7 22.4 33.6



#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.088 min Scan# 5038
Delta R.T. -0.003 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion:228 Resp: 8139
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 20.0 16.1 24.1

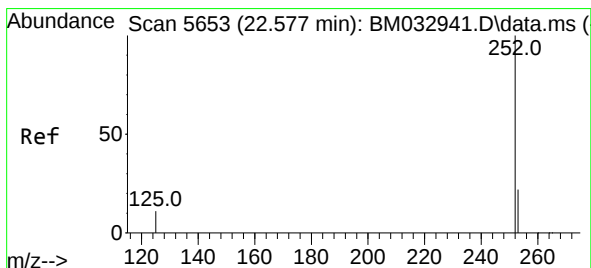
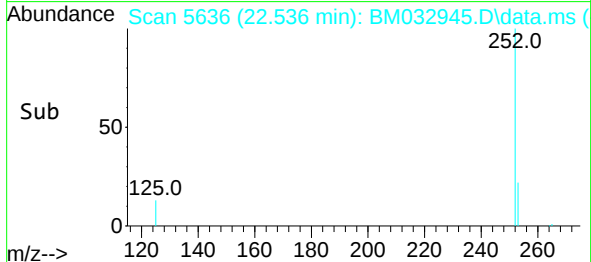
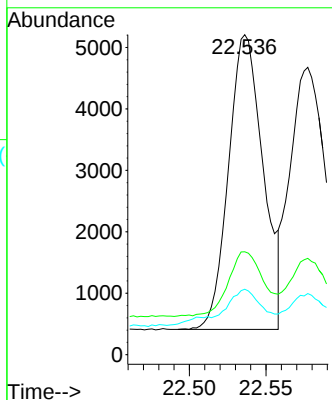
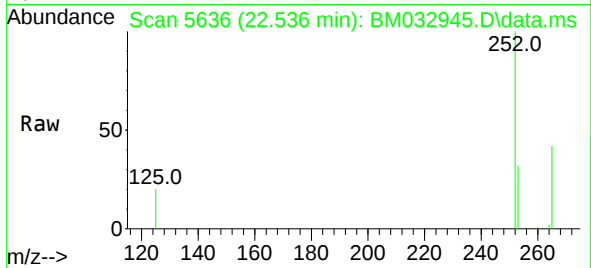




#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 22.536 min Scan# 5636
Delta R.T. -0.006 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

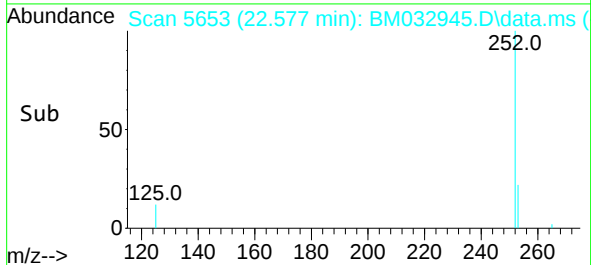
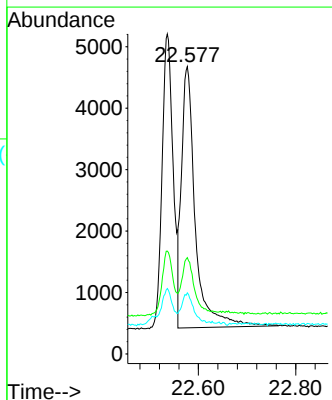
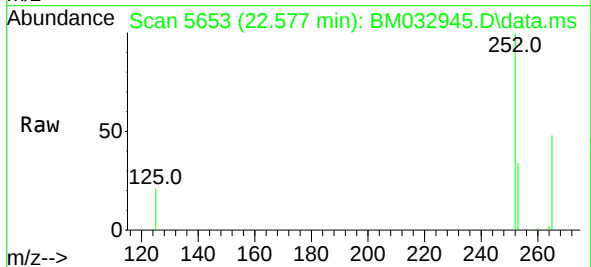
Instrument :
BNA_M
ClientSampleId :
SLCS352

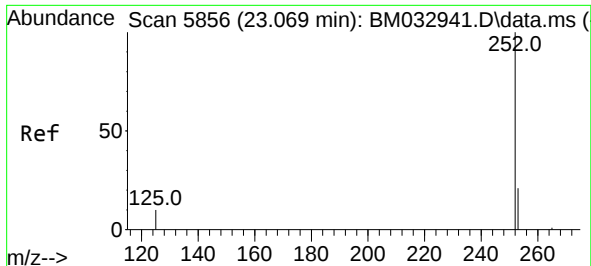
Tgt Ion:252 Resp: 7560
Ion Ratio Lower Upper
252 100
253 32.2 0.0 59.2
125 20.5 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.334 ng/ul
RT: 22.577 min Scan# 5653
Delta R.T. -0.006 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion:252 Resp: 8364
Ion Ratio Lower Upper
252 100
253 33.5 23.1 34.7
125 21.3 14.6 21.8

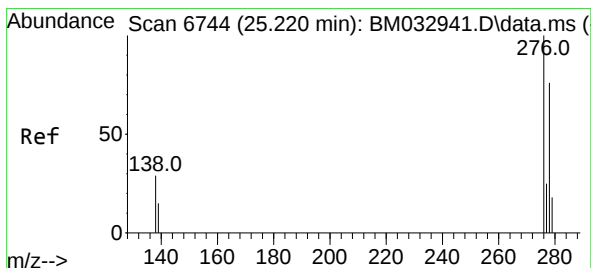
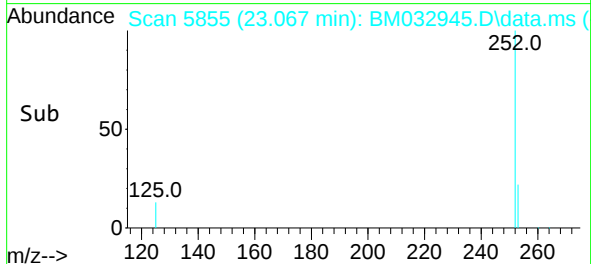
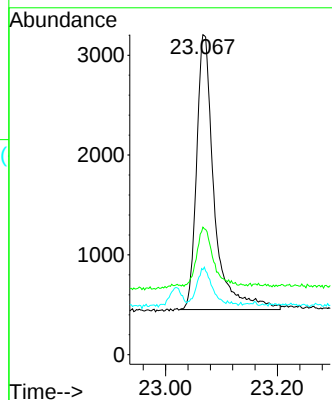
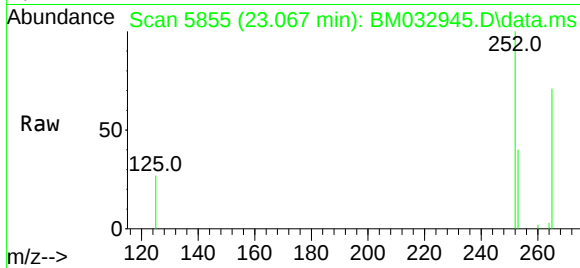




#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.067 min Scan# 5855
Delta R.T. -0.006 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

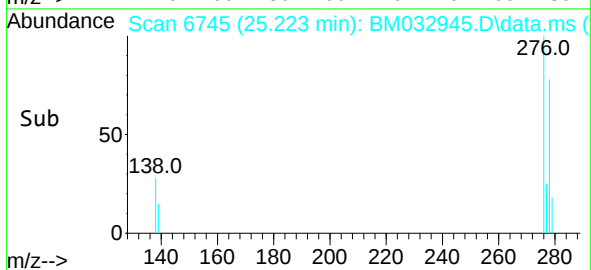
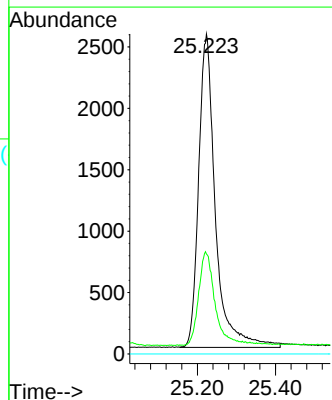
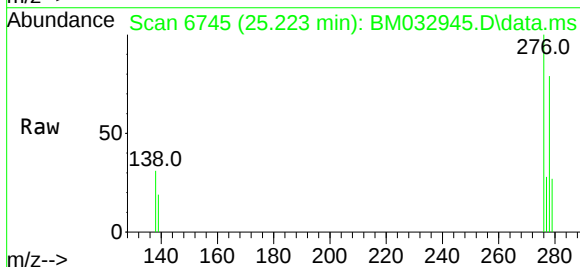
Instrument :
BNA_M
ClientSampleId :
SLCS352

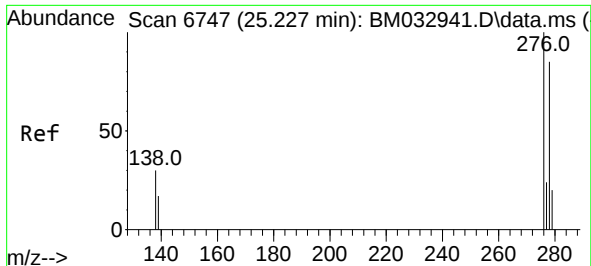
Tgt Ion:252 Resp: 6011
Ion Ratio Lower Upper
252 100
253 39.8 27.1 40.7
125 26.5 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 25.223 min Scan# 6745
Delta R.T. -0.010 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion:276 Resp: 7588
Ion Ratio Lower Upper
276 100
138 29.8 22.9 34.3
227 0.0 0.0 0.0

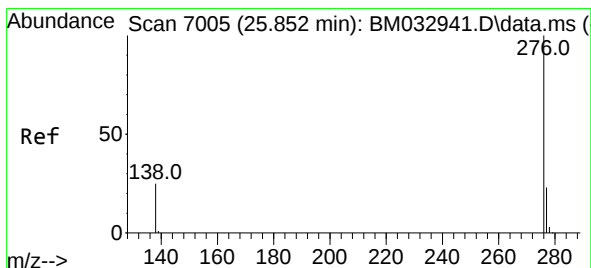
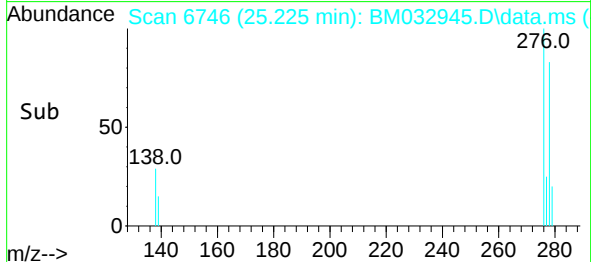
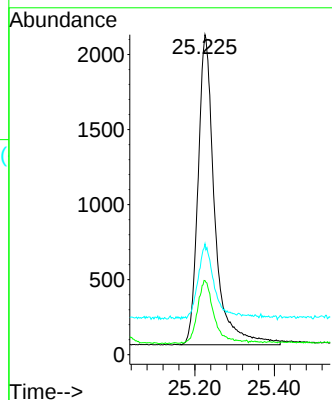
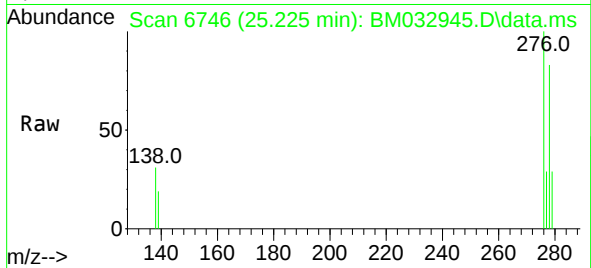




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 25.225 min Scan# 6747
Delta R.T. -0.010 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Instrument :
BNA_M
ClientSampleId :
SLCS352

Tgt Ion:278 Resp: 6011
Ion Ratio Lower Upper
278 100
139 23.2 18.2 27.2
279 34.7 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 25.853 min Scan# 7005
Delta R.T. -0.008 min
Lab File: BM032945.D
Acq: 10 Nov 2021 10:36

Tgt Ion:276 Resp: 6890
Ion Ratio Lower Upper
276 100
138 27.0 22.2 33.2
277 26.9 21.0 31.4

