

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032944.D
 Acq On : 10 Nov 2021 10:00
 Operator : CG/JU
 Sample : PB140351BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS351

Quant Time: Nov 10 12:08:57 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)

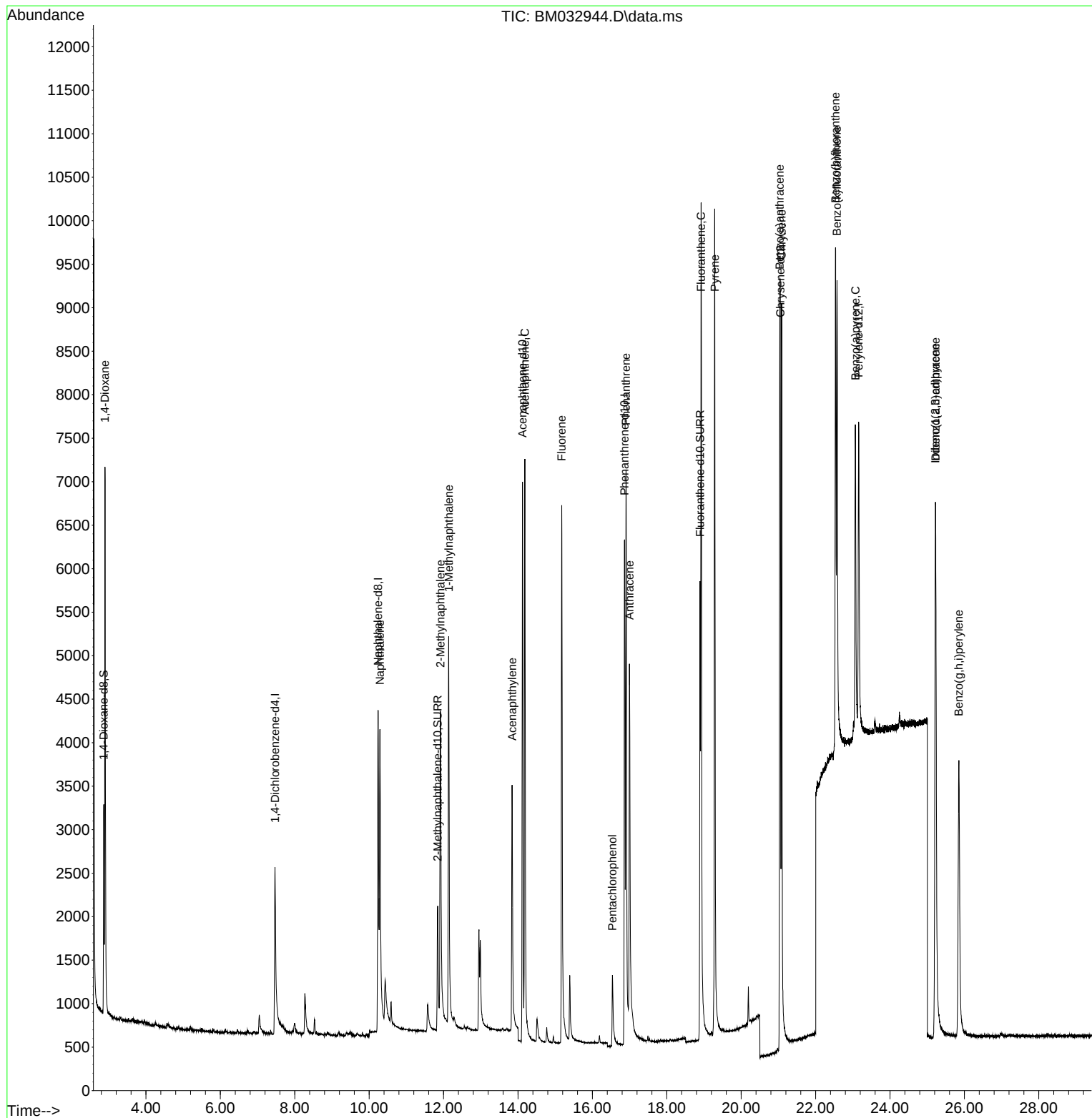
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	1692	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	6387	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.121	164	3685	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.865	188	7579	0.400	ng/ul	0.00
17) Chrysene-d12	21.052	240	5922	0.400	ng/ul	0.00
23) Perylene-d12	23.158	264	4734	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.867	96	1447	0.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.840	152	2761	0.304	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	6109	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.898	88	4070	1.834	ng/ul#	89
5) Naphthalene	10.289	128	5973	0.322	ng/ul	99
7) 2-Methylnaphthalene	11.917	142	3763	0.293	ng/ul	100
8) 1-Methylnaphthalene	12.137	142	3589	0.285	ng/ul	100
10) Acenaphthylene	13.842	152	4601	0.287	ng/ul	98
11) Acenaphthene	14.186	153	4343	0.310	ng/ul	99
12) Fluorene	15.175	166	4873	0.295	ng/ul	99
14) Pentachlorophenol	16.539	266	830	0.420	ng/ul	98
15) Phenanthrene	16.903	178	7683	0.305	ng/ul	99
16) Anthracene	16.997	178	6184	0.279	ng/ul	98
19) Fluoranthene	18.922	202	8910	0.321	ng/ul	97
20) Pyrene	19.288	202	9185	0.318	ng/ul	99
21) Benzo(a)anthracene	21.037	228	6379	0.292	ng/ul	99
22) Chrysene	21.088	228	7971	0.323	ng/ul	99
24) Benzo(b)fluoranthene	22.536	252	7042	0.324	ng/ul	92
25) Benzo(k)fluoranthene	22.574	252	7686	0.330	ng/ul	92
26) Benzo(a)pyrene	23.069	252	5666	0.316	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.220	276	6914	0.336	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.225	278	5566	0.341	ng/ul	94
29) Benzo(g,h,i)perylene	25.850	276	6324	0.354	ng/ul	98

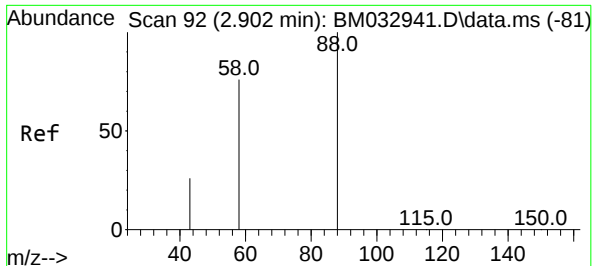
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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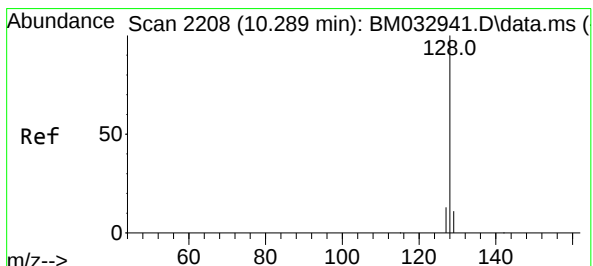
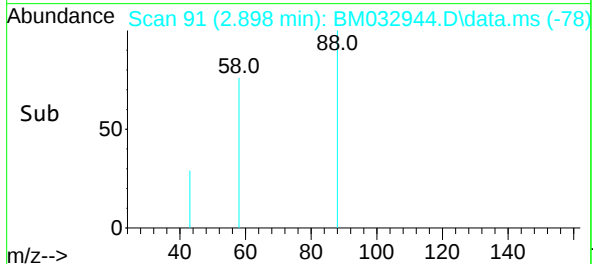
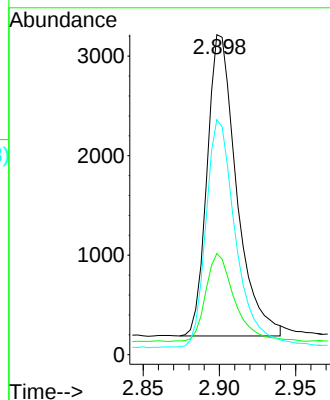
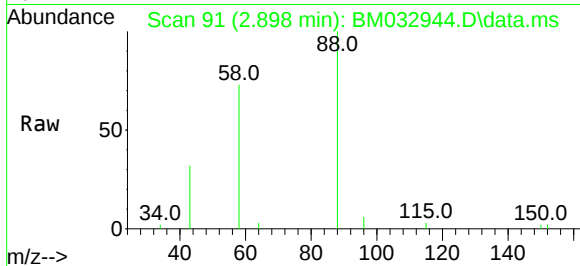




#2
1,4-Dioxane
Concen: 1.834 ng/ul
RT: 2.898 min Scan# 91
Delta R.T. -0.004 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

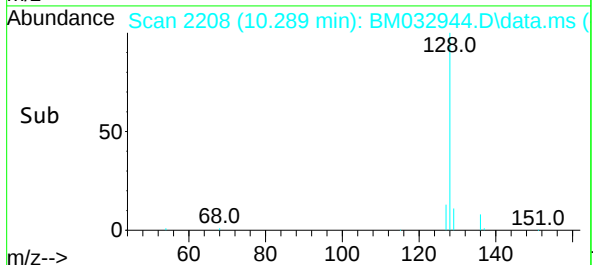
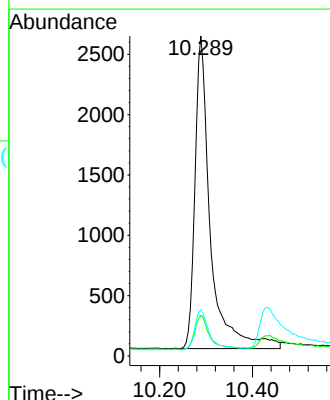
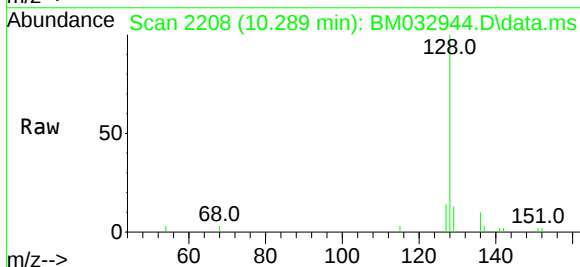
Instrument :
BNA_M
ClientSampleId :
SLCS351

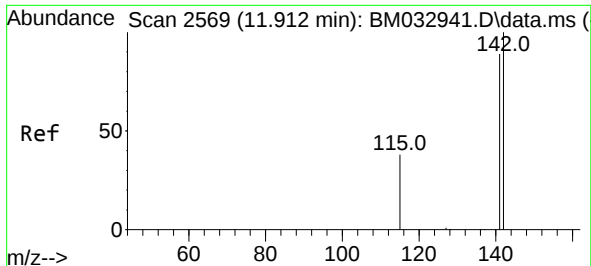
Tgt Ion: 88 Resp: 4070
Ion Ratio Lower Upper
88 100
43 31.6 35.8 53.8#
58 73.5 55.8 83.8



#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.289 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Tgt Ion: 128 Resp: 5973
Ion Ratio Lower Upper
128 100
129 12.7 9.8 14.6
127 14.4 11.8 17.8

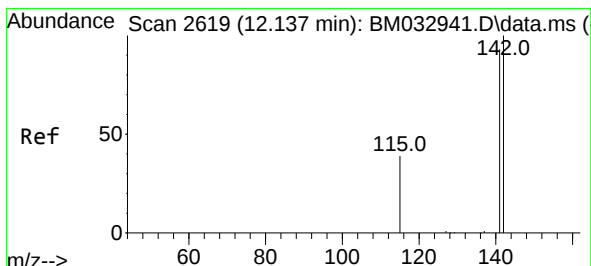
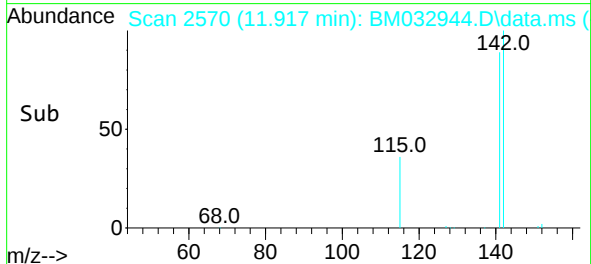
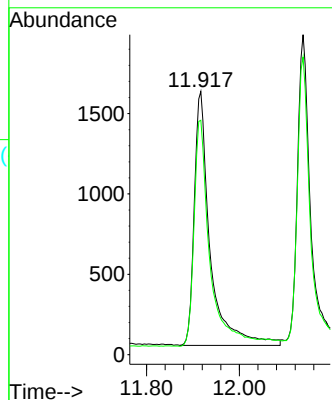
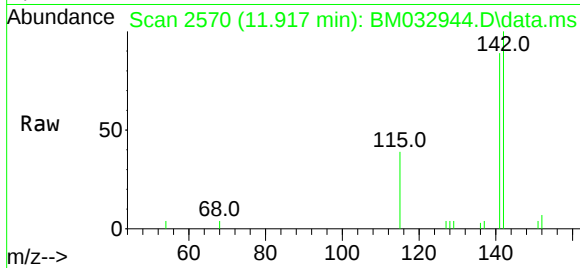




#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 11.917 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

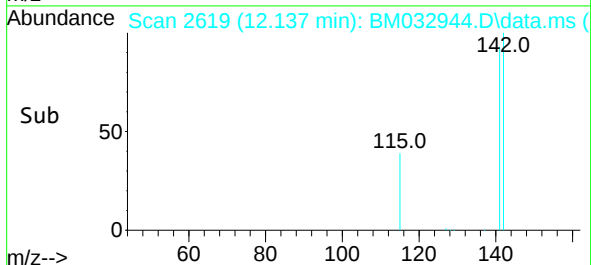
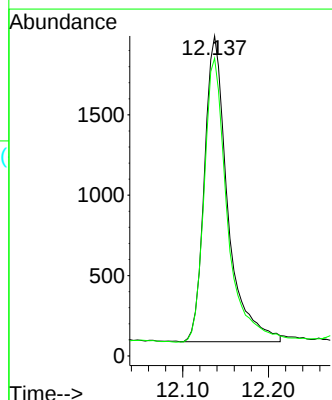
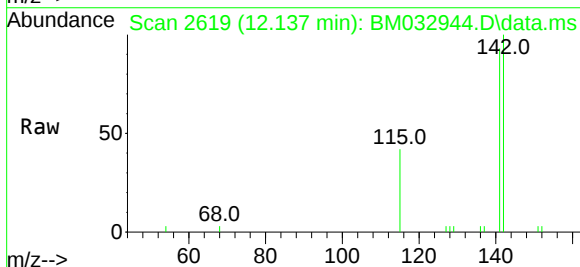
Instrument :
BNA_M
ClientSampleId :
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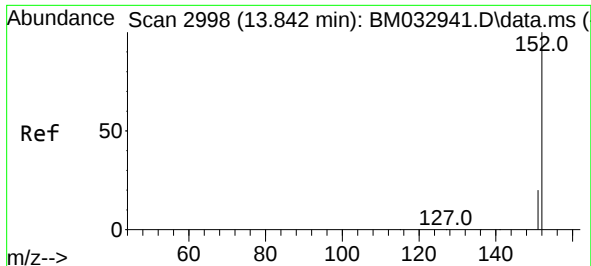
Tgt Ion:142 Resp: 3763
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.137 min Scan# 2619
Delta R.T. -0.001 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Tgt Ion:142 Resp: 3589
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

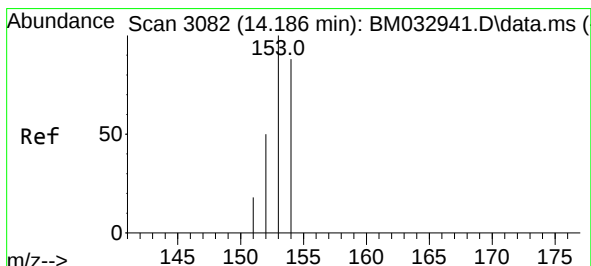
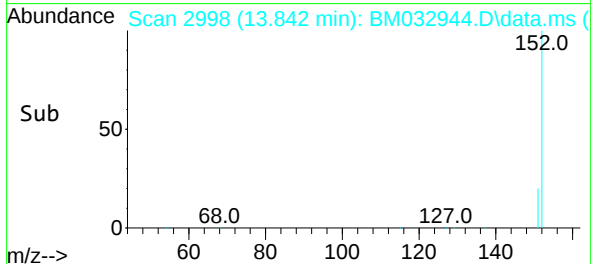
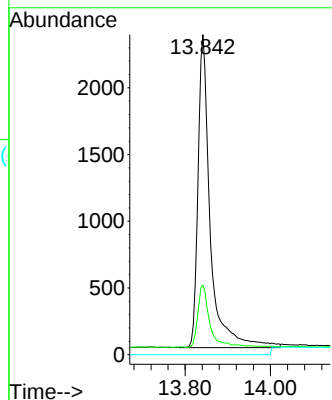
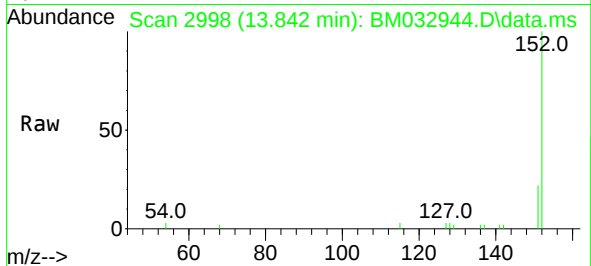




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.842 min Scan# 2998
Delta R.T. -0.001 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

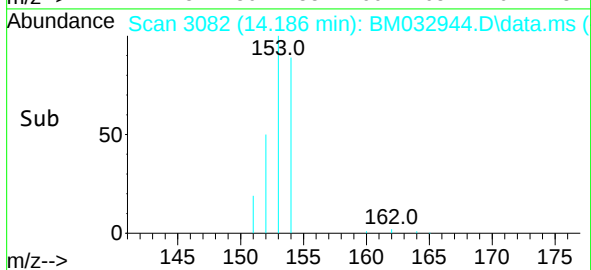
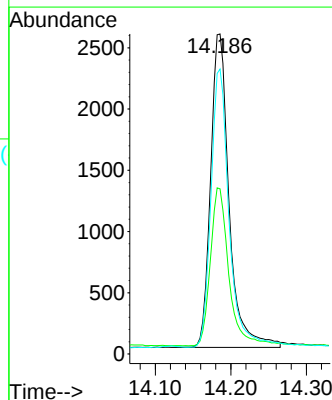
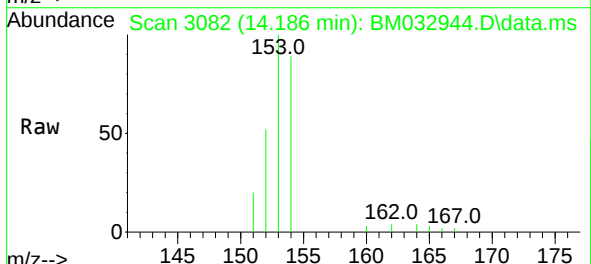
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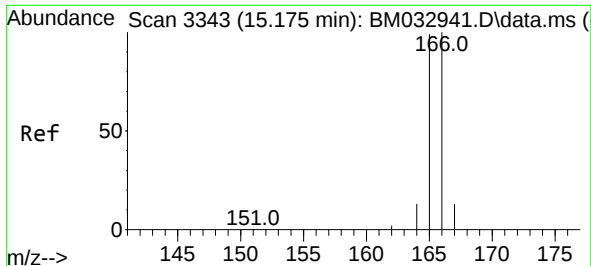
Tgt Ion:152 Resp: 4601
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.310 ng/ul
RT: 14.186 min Scan# 3082
Delta R.T. -0.001 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Tgt Ion:153 Resp: 4343
Ion Ratio Lower Upper
153 100
152 51.6 40.6 60.8
154 89.1 70.8 106.2

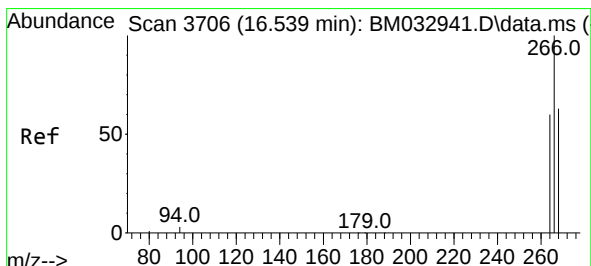
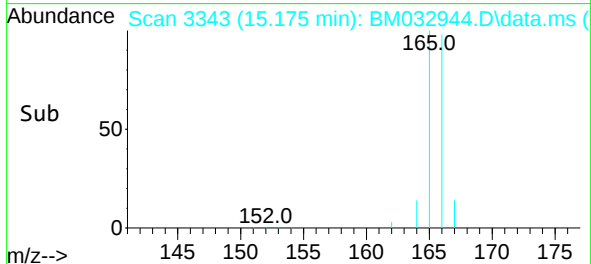
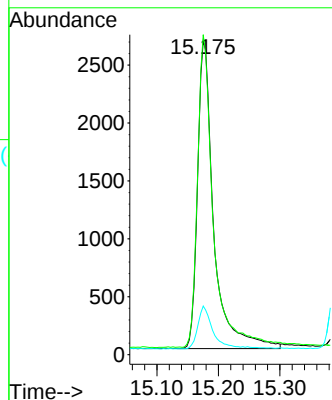
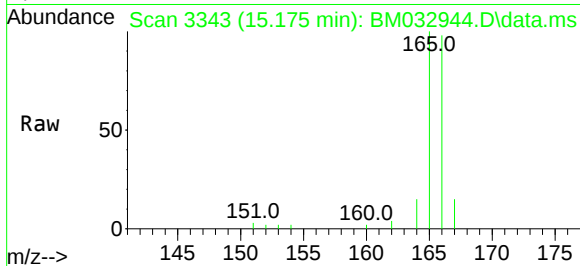




#12
Fluorene
Concen: 0.295 ng/ul
RT: 15.175 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

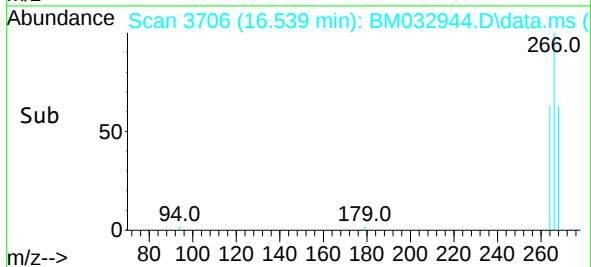
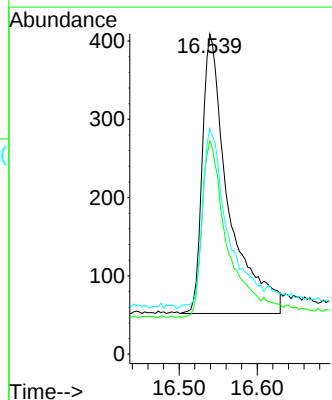
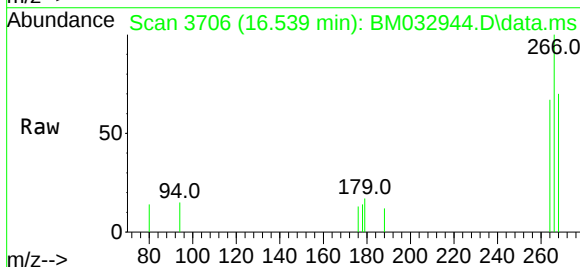
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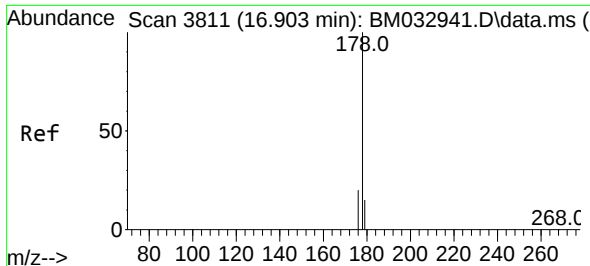
Tgt Ion:166 Resp: 4873
Ion Ratio Lower Upper
166 100
165 102.1 80.8 121.2
167 15.5 11.7 17.5



#14
Pentachlorophenol
Concen: 0.420 ng/ul
RT: 16.539 min Scan# 3706
Delta R.T. -0.004 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Tgt Ion:266 Resp: 830
Ion Ratio Lower Upper
266 100
264 63.1 51.2 76.8
268 64.0 52.9 79.3

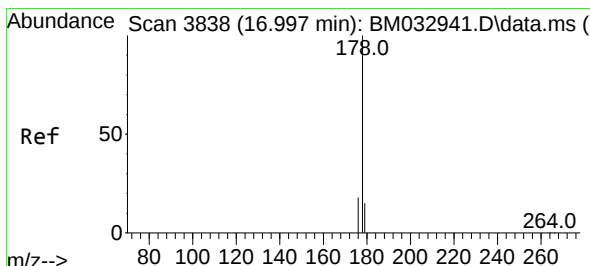
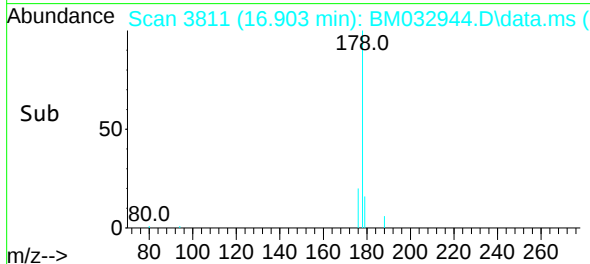
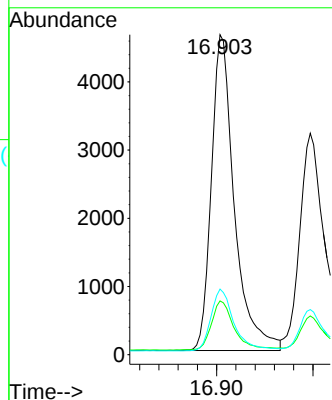
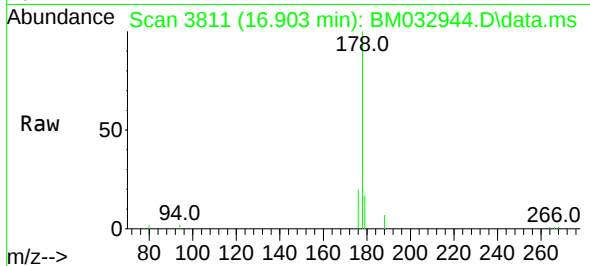




#15
Phenanthrene
Concen: 0.305 ng/u1
RT: 16.903 min Scan# 3811
Delta R.T. -0.004 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

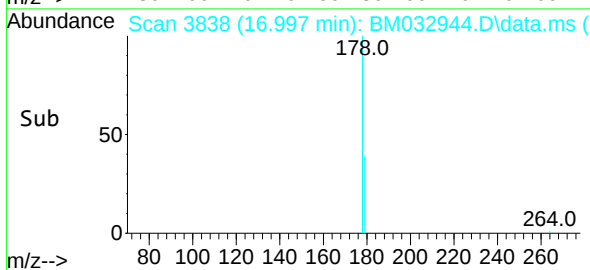
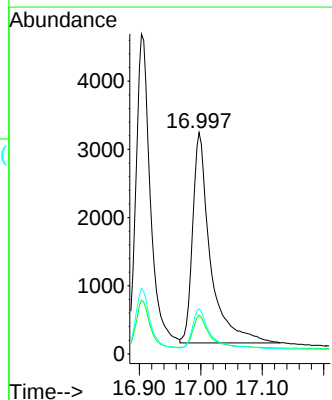
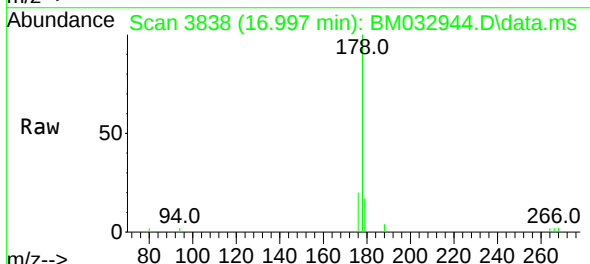
Instrument :
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ClientSampleId :
SLCS351

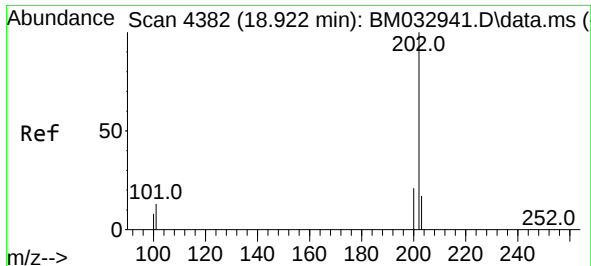
Tgt Ion:178 Resp: 7683
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 20.5 16.0 24.0



#16
Anthracene
Concen: 0.279 ng/u1
RT: 16.997 min Scan# 3838
Delta R.T. -0.001 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

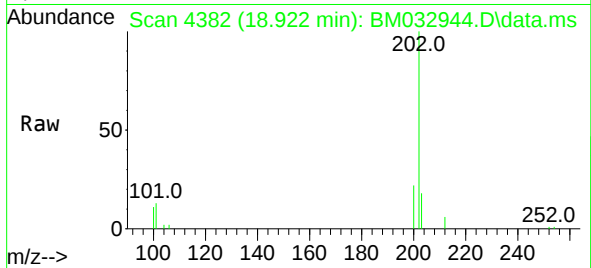
Tgt Ion:178 Resp: 6184
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 20.4 15.6 23.4



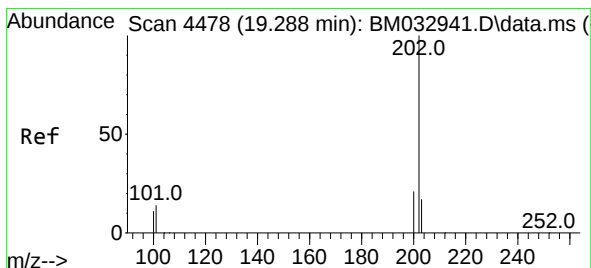
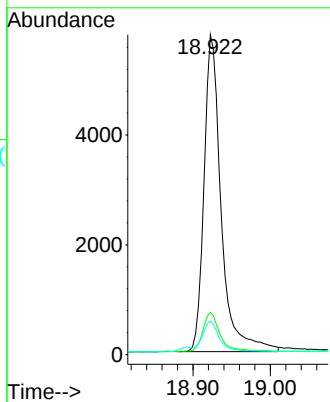
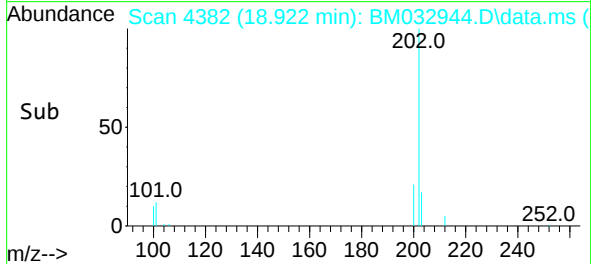


#19
Fluoranthene
Concen: 0.321 ng/ul
RT: 18.922 min Scan# 4382
Delta R.T. -0.005 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

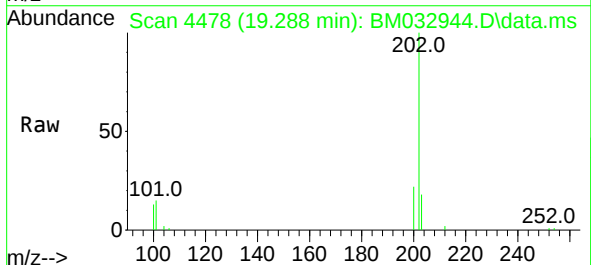
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ClientSampleId :
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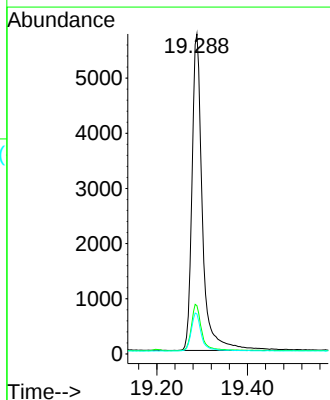
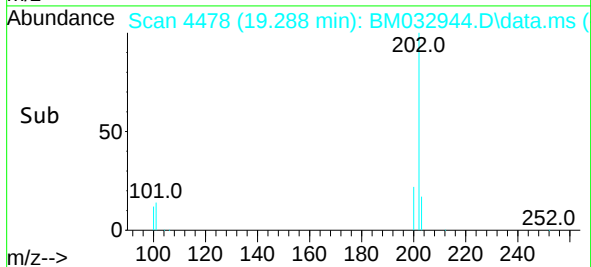
Tgt Ion:202 Resp: 8910
Ion Ratio Lower Upper
202 100
101 13.2 9.9 14.9
100 10.5 7.3 10.9

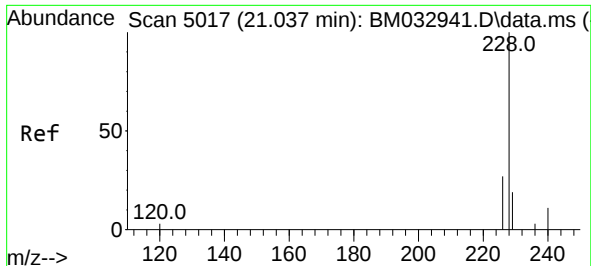


#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.288 min Scan# 4478
Delta R.T. -0.001 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00



Tgt Ion:202 Resp: 9185
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 12.5 9.5 14.3

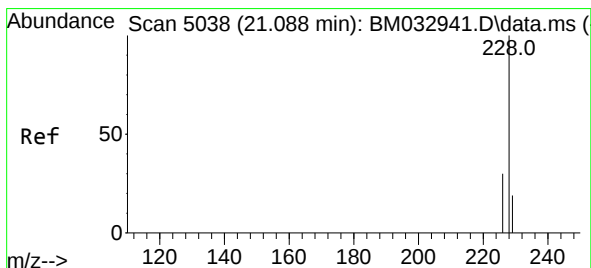
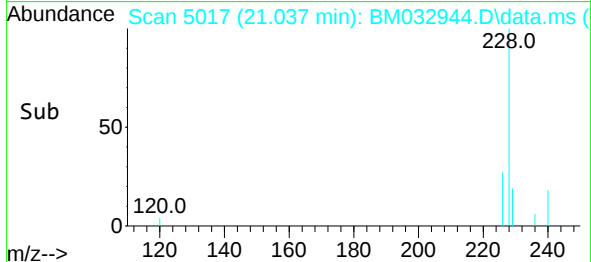
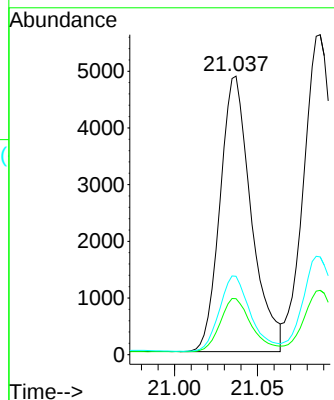
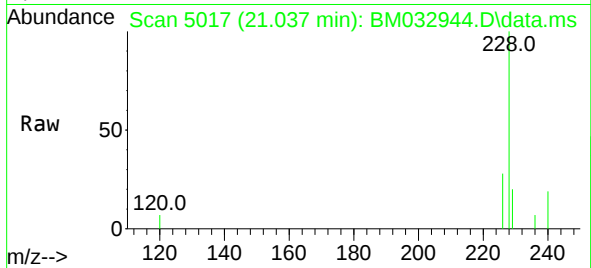




#21
Benzo(a)anthracene
Concen: 0.292 ng/ul
RT: 21.037 min Scan# 5017
Delta R.T. -0.001 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

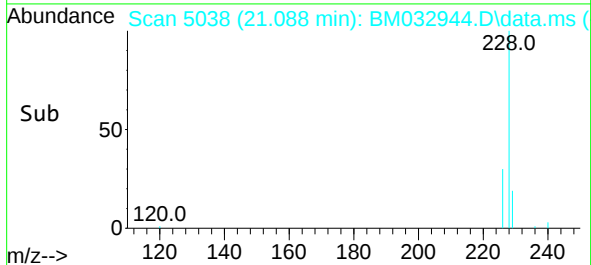
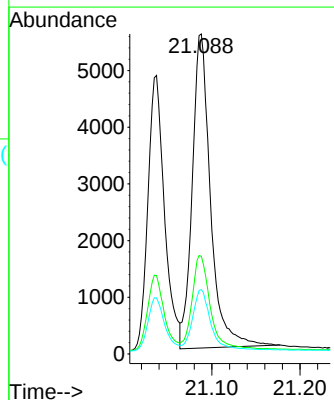
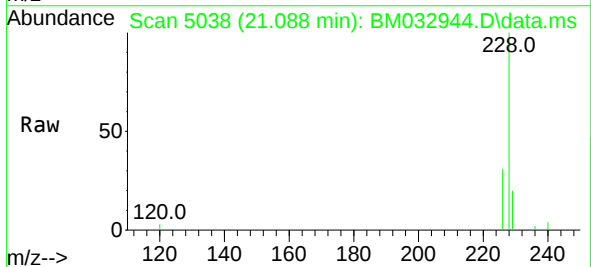
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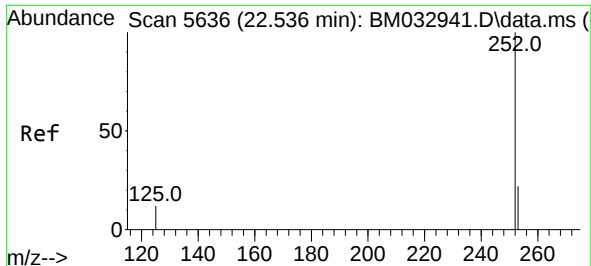
Tgt Ion:228 Resp: 6379
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.2 22.4 33.6



#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.088 min Scan# 5038
Delta R.T. -0.004 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Tgt Ion:228 Resp: 7971
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 20.1 16.1 24.1

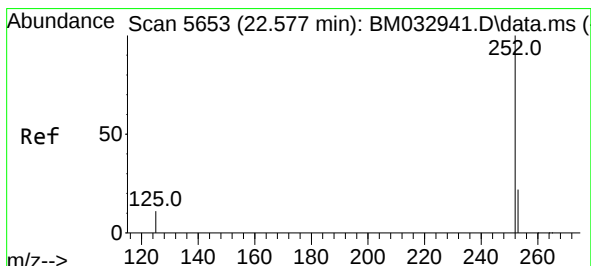
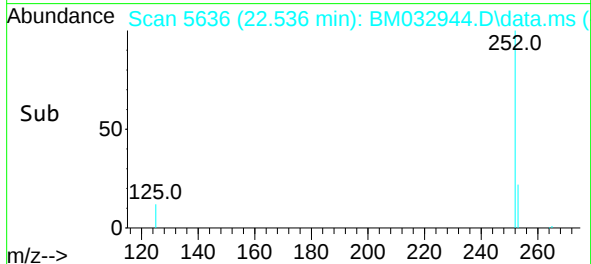
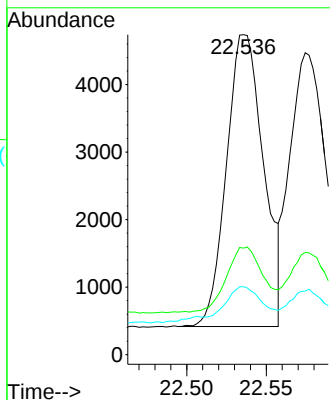
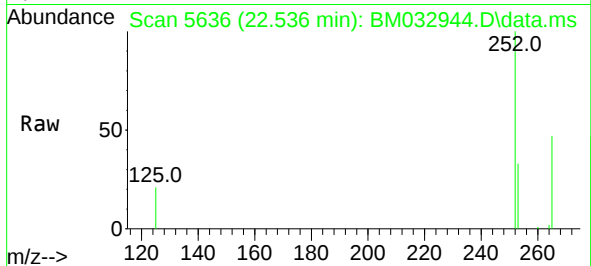




#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 22.536 min Scan# 5636
Delta R.T. -0.006 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

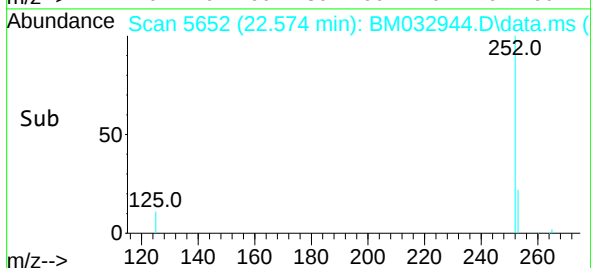
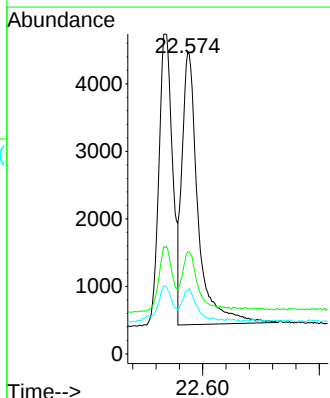
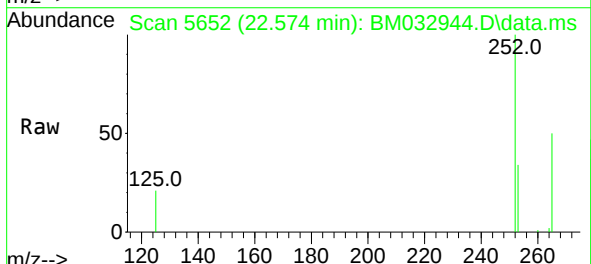
Instrument :
BNA_M
ClientSampleId :
SLCS351

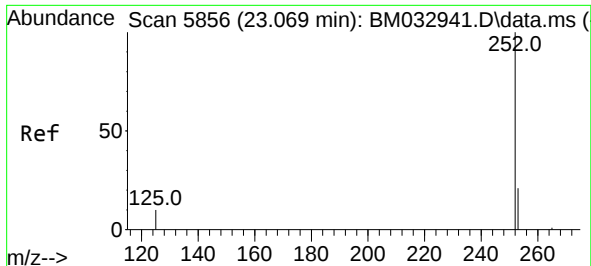
Tgt Ion:252 Resp: 7042
Ion Ratio Lower Upper
252 100
253 33.3 0.0 59.2
125 21.3 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 22.574 min Scan# 5652
Delta R.T. -0.009 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Tgt Ion:252 Resp: 7686
Ion Ratio Lower Upper
252 100
253 33.8 23.1 34.7
125 21.1 14.6 21.8

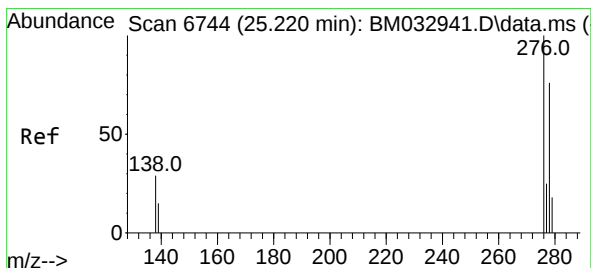
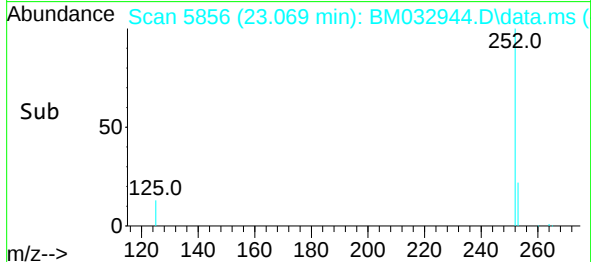
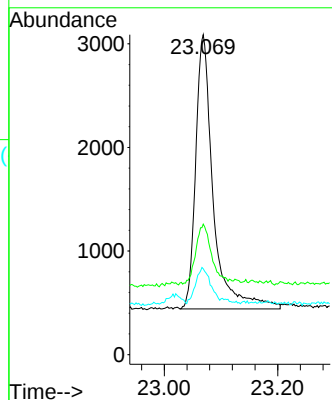
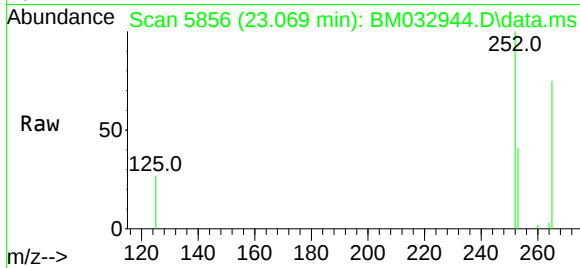




#26
Benzo(a)pyrene
Concen: 0.316 ng/ul
RT: 23.069 min Scan# 5856
Delta R.T. -0.004 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

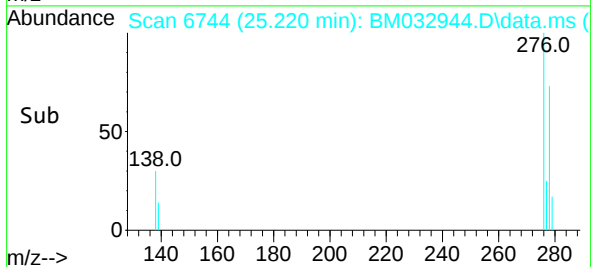
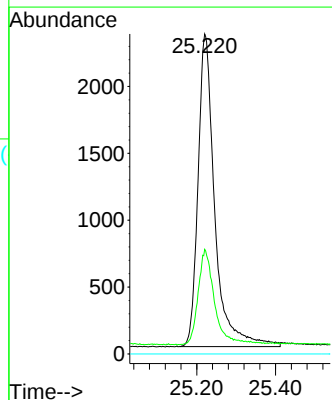
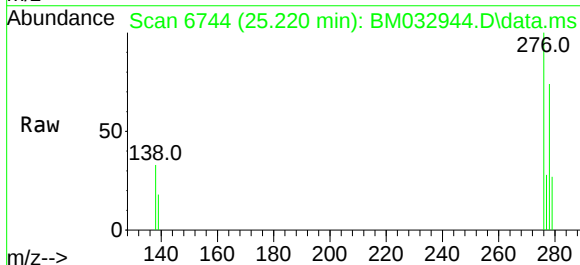
Instrument :
BNA_M
ClientSampleId :
SLCS351

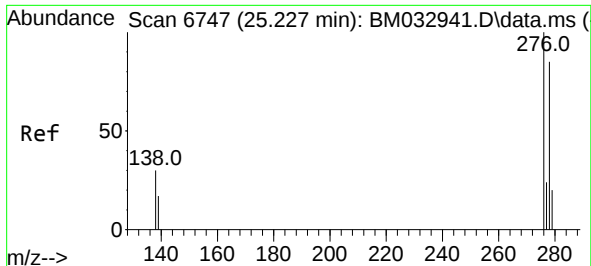
Tgt Ion:252 Resp: 5666
Ion Ratio Lower Upper
252 100
253 40.8 27.1 40.7#
125 26.8 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 25.220 min Scan# 6744
Delta R.T. -0.013 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Tgt Ion:276 Resp: 6914
Ion Ratio Lower Upper
276 100
138 30.8 22.9 34.3
227 0.0 0.0 0.0

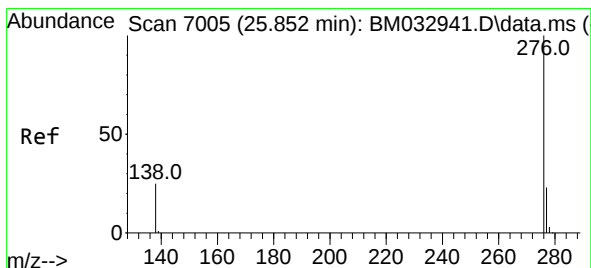
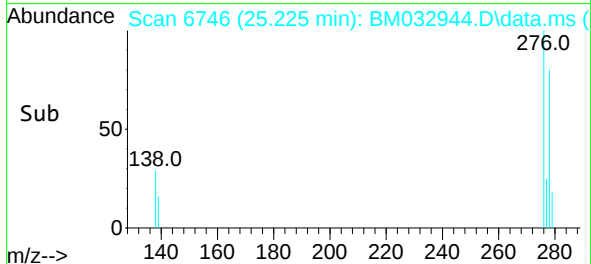
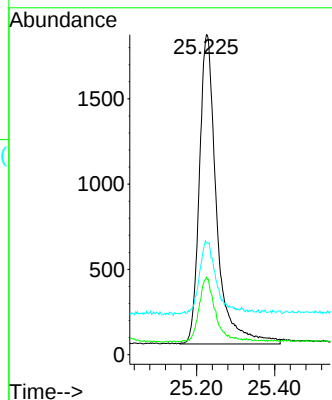
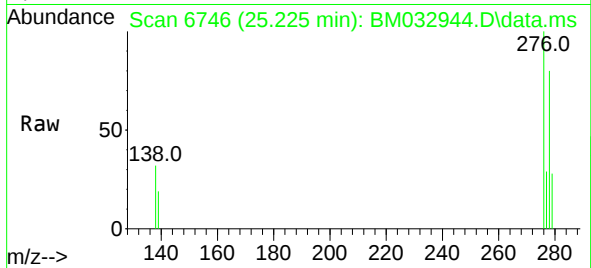




#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 25.225 min Scan# 61
Delta R.T. -0.011 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Instrument :
BNA_M
ClientSampleId :
SLCS351

Tgt Ion:278 Resp: 5566
Ion Ratio Lower Upper
278 100
139 24.2 18.2 27.2
279 35.0 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 25.850 min Scan# 7004
Delta R.T. -0.011 min
Lab File: BM032944.D
Acq: 10 Nov 2021 10:00

Tgt Ion:276 Resp: 6324
Ion Ratio Lower Upper
276 100
138 28.5 22.2 33.2
277 27.3 21.0 31.4

