

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
 Data File : BN021142.D
 Acq On : 11 Aug 2022 10:56
 Operator : CG/JU
 Sample : PB146918BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS918

Quant Time: Aug 11 13:49:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

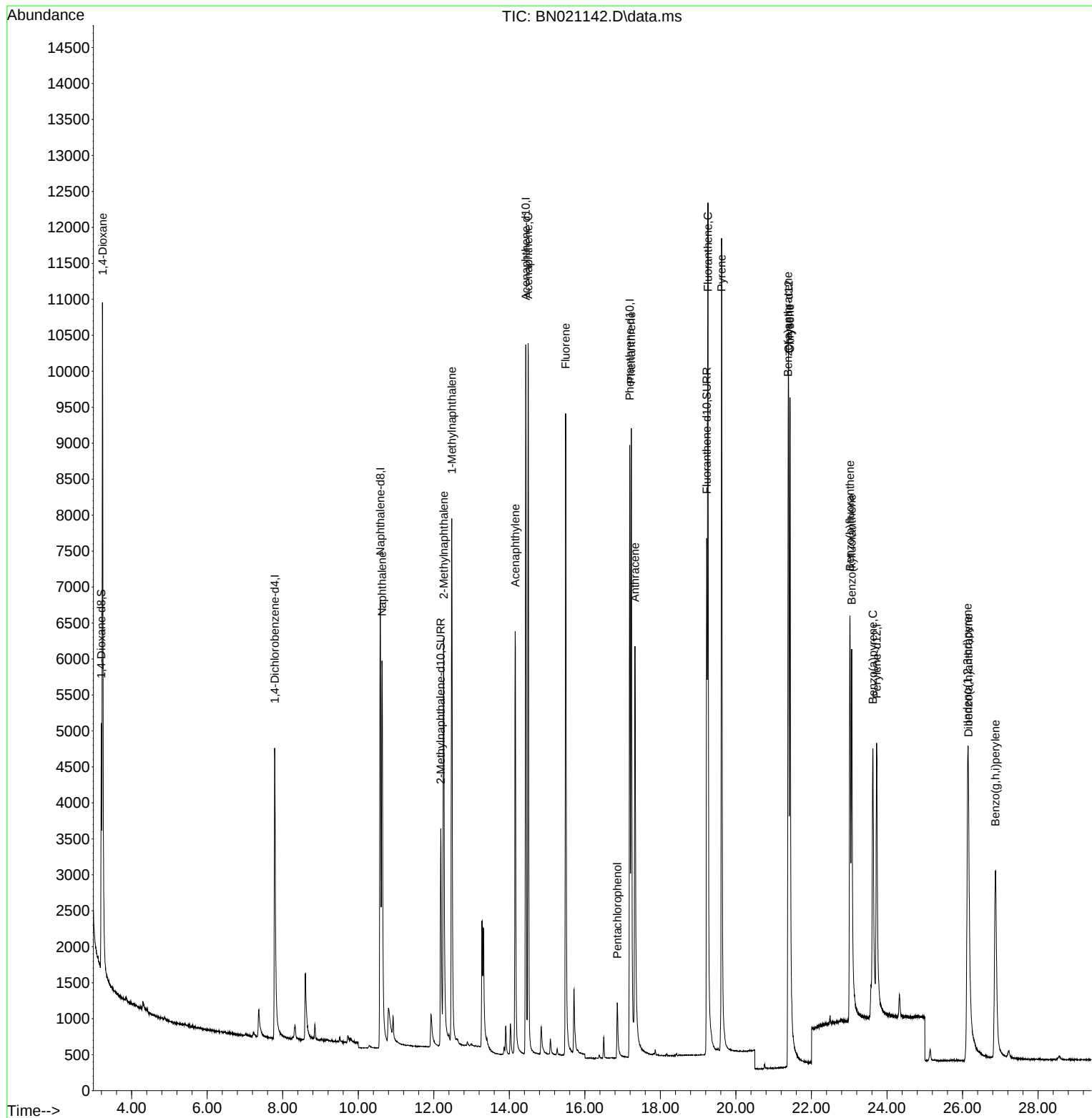
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	3030	0.400	ng/ul	0.00
4) Naphthalene-d8	10.585	136	10581	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	6008	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.189	188	11243	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	7920	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	6108	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	2417	0.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	4970	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	9470	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	6242	1.563	ng/ul#	87
5) Naphthalene	10.629	128	8928	0.275	ng/ul	100
7) 2-Methylnaphthalene	12.263	142	5440	0.276	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	5976	0.303	ng/ul	100
10) Acenaphthylene	14.156	152	7894	0.281	ng/ul	99
11) Acenaphthene	14.498	153	6327	0.272	ng/ul	99
12) Fluorene	15.493	166	6821	0.269	ng/ul	98
14) Pentachlorophenol	16.859	266	744	0.429	ng/ul	97
15) Phenanthrene	17.231	178	10791	0.268	ng/ul	99
16) Anthracene	17.328	178	8696	0.279	ng/ul	99
19) Fluoranthene	19.259	202	11560	0.330	ng/ul	99
20) Pyrene	19.621	202	11928	0.330	ng/ul	96
21) Benzo(a)anthracene	21.383	228	7342	0.284	ng/ul	99
22) Chrysene	21.433	228	9480	0.279	ng/ul	99
24) Benzo(b)fluoranthene	23.020	252	8110	0.287	ng/ul	96
25) Benzo(k)fluoranthene	23.067	252	8232	0.276	ng/ul	98
26) Benzo(a)pyrene	23.625	252	7379	0.286	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.135	276	7746	0.252	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.159	278	5987	0.246	ng/ul	96
29) Benzo(g,h,i)perylene	26.873	276	7081	0.258	ng/ul	97

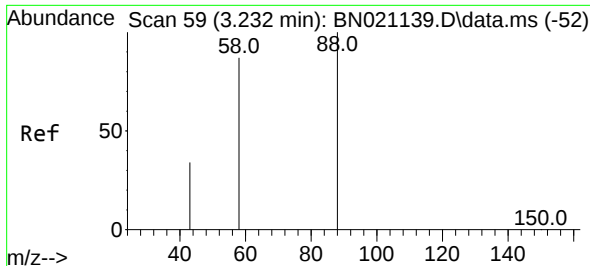
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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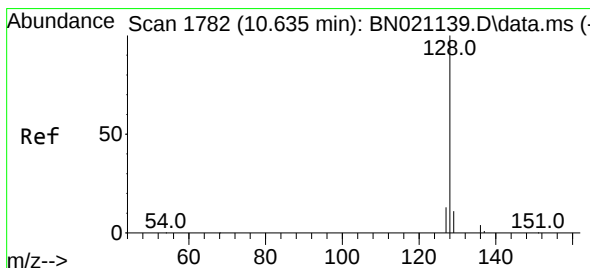
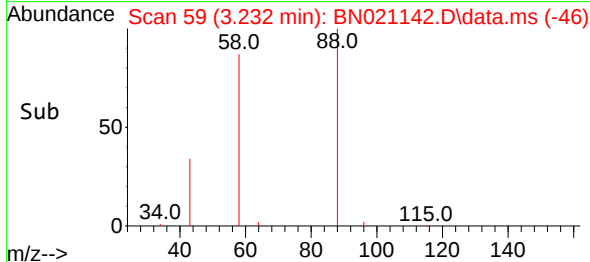
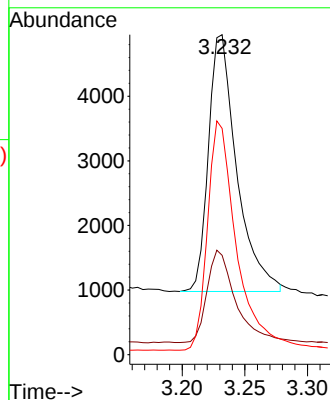
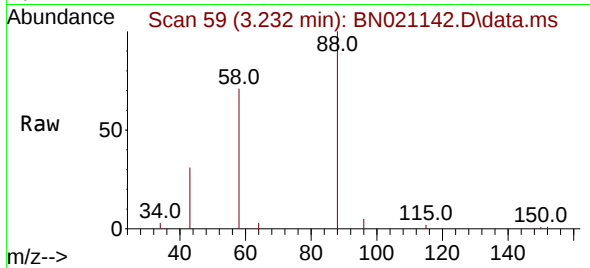




#2
1,4-Dioxane
Concen: 1.563 ng/ul
RT: 3.232 min Scan# 59
Delta R.T. 0.004 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

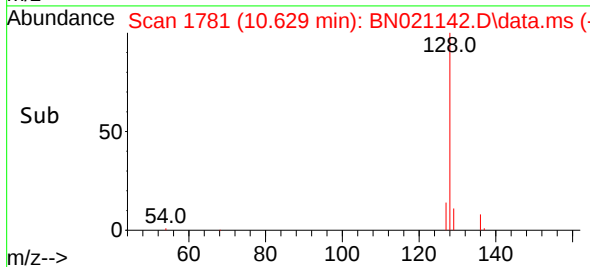
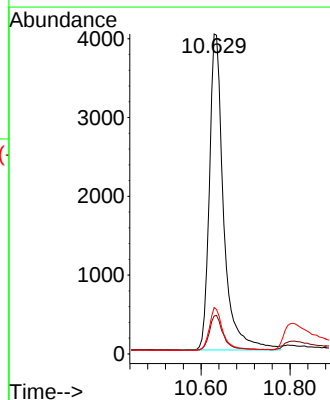
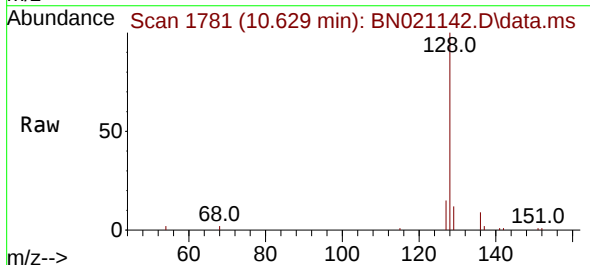
Instrument :
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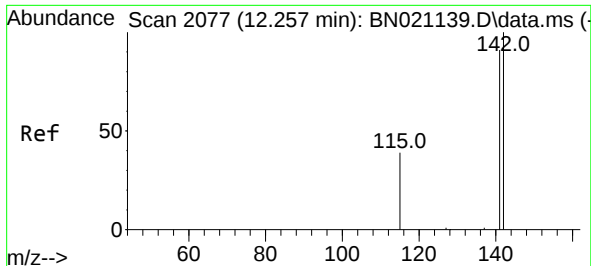
Tgt Ion: 88 Resp: 6242
Ion Ratio Lower Upper
88 100
43 31.0 31.4 47.0#
58 70.7 49.0 73.6



#5
Naphthalene
Concen: 0.275 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.001 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion: 128 Resp: 8928
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 14.5 11.6 17.4

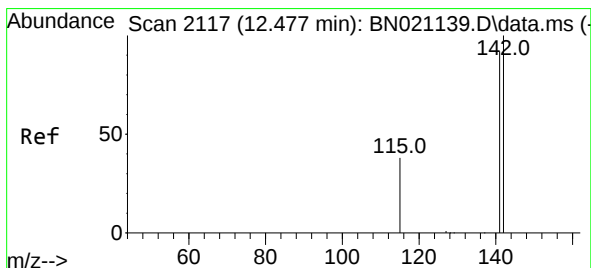
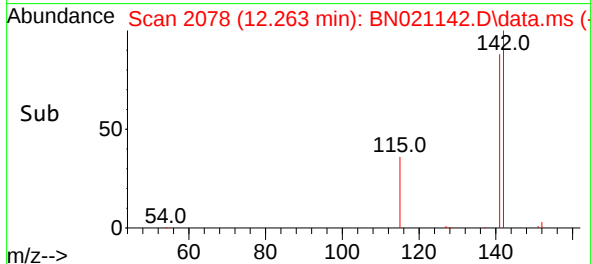
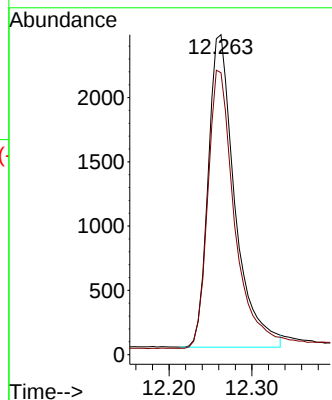
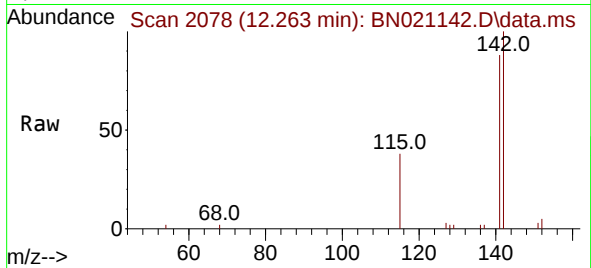




#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.263 min Scan# 2077
Delta R.T. 0.012 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

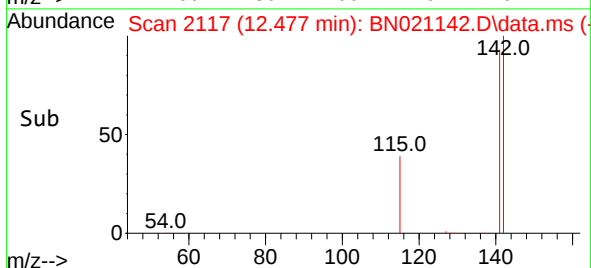
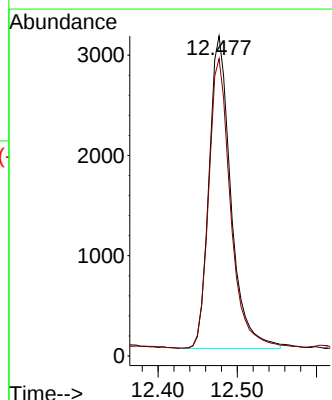
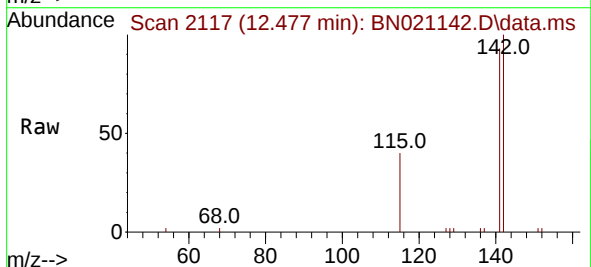
Instrument :
BNA_N
ClientSampleId :
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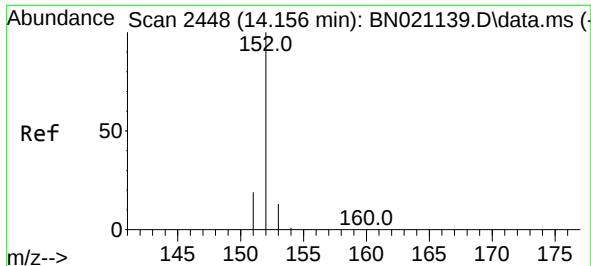
Tgt Ion:142 Resp: 5440
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion:142 Resp: 5976
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

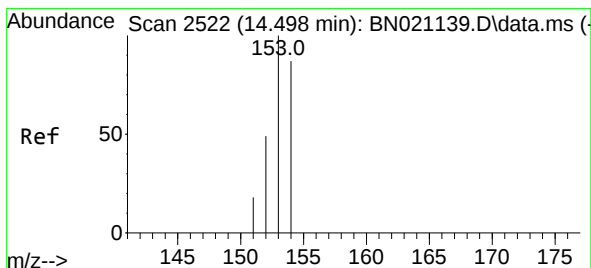
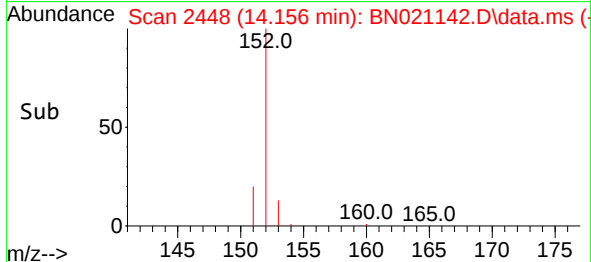
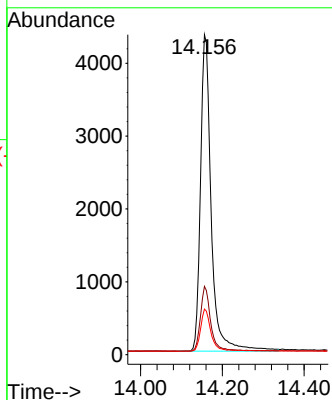
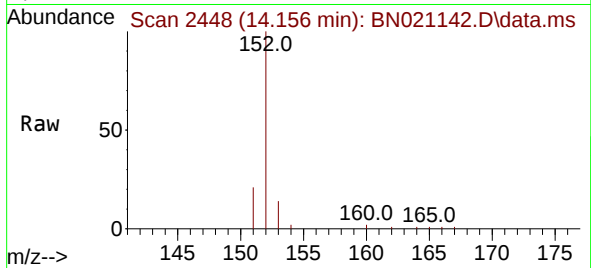




#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 14.156 min Scan# 2448
Delta R.T. 0.001 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

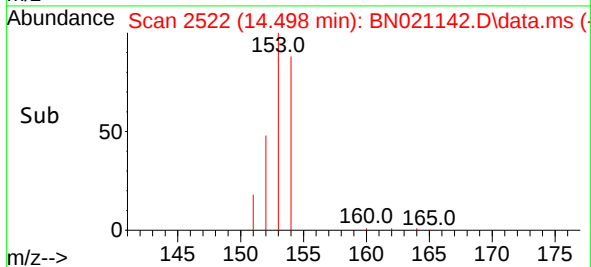
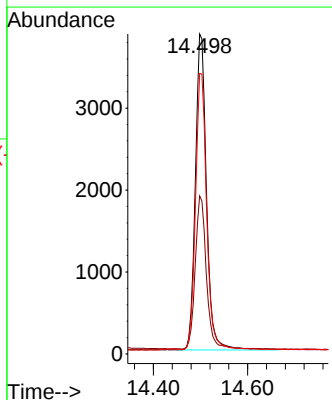
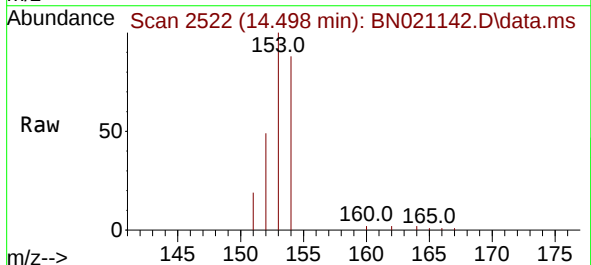
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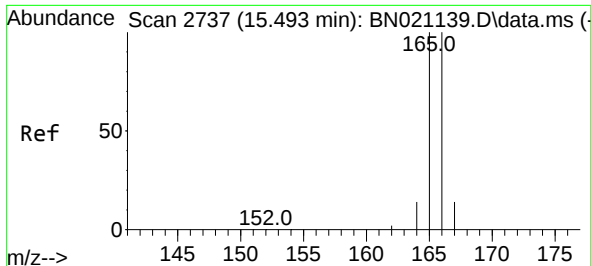
Tgt Ion:152 Resp: 7894
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.2 11.2 16.8



#11
Acenaphthene
Concen: 0.272 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. -0.003 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion:153 Resp: 6327
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 87.6 70.7 106.1

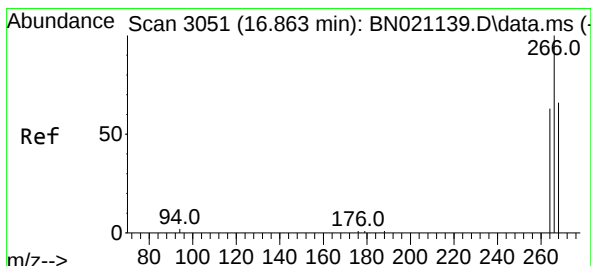
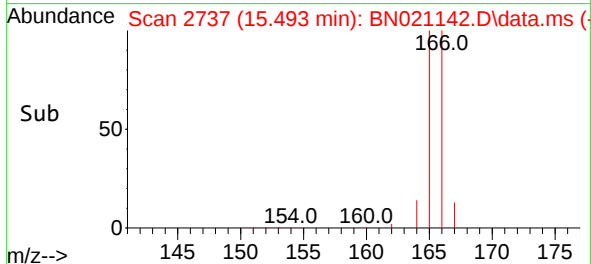
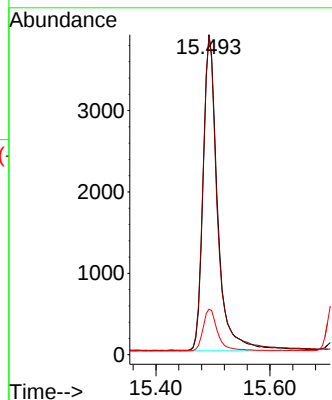
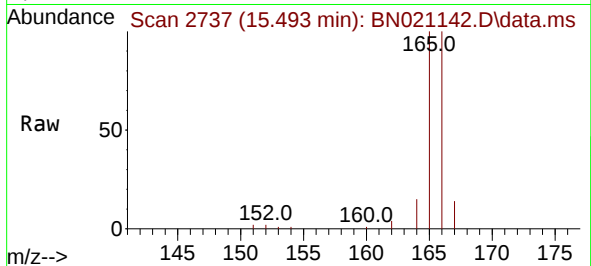




#12
Fluorene
Concen: 0.269 ng/ul
RT: 15.493 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

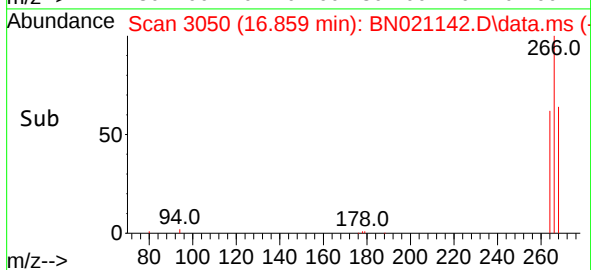
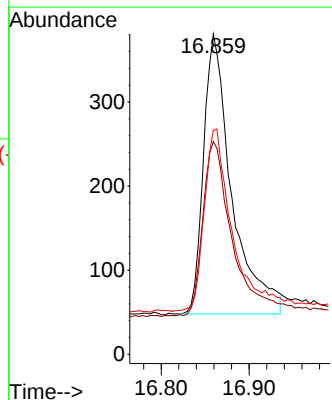
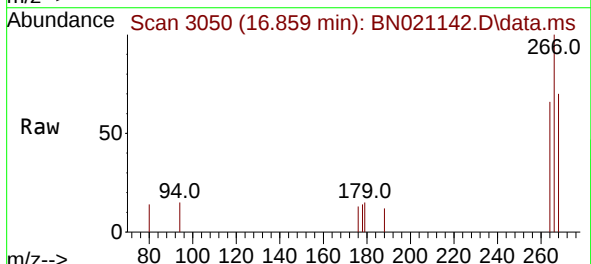
Instrument :
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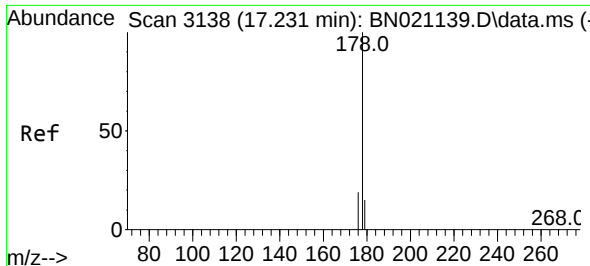
Tgt Ion:166 Resp: 6821
Ion Ratio Lower Upper
166 100
165 99.8 78.6 117.8
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.429 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. 0.005 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion:266 Resp: 744
Ion Ratio Lower Upper
266 100
264 65.3 49.8 74.8
268 64.8 50.6 75.8

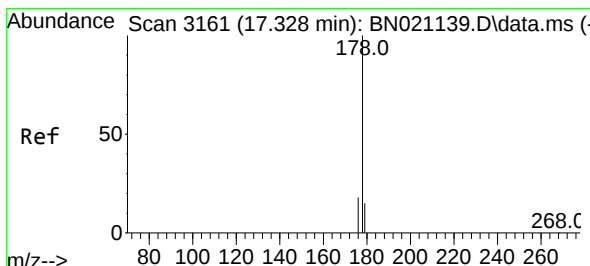
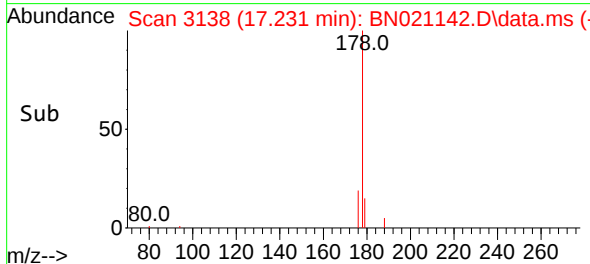
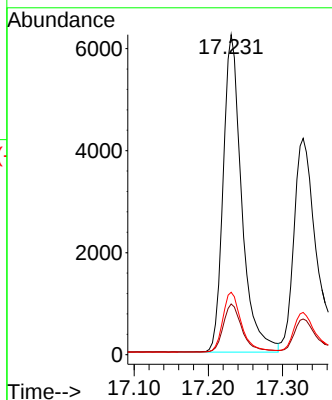
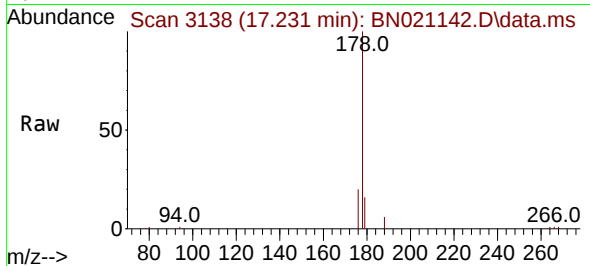




#15
Phenanthrene
Concen: 0.268 ng/ul
RT: 17.231 min Scan# 3138
Delta R.T. 0.001 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

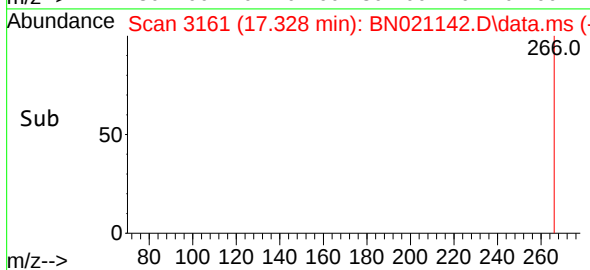
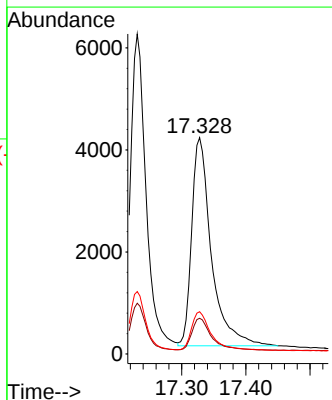
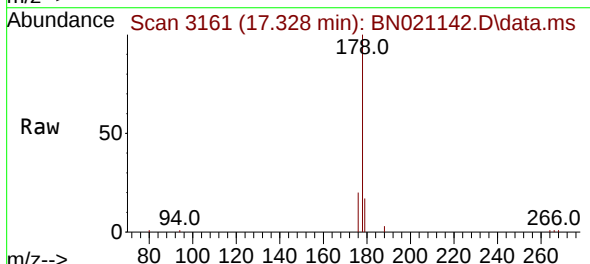
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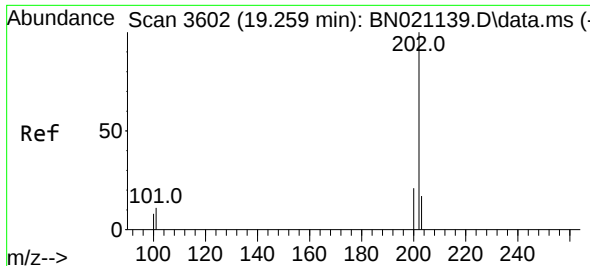
Tgt Ion:178 Resp: 10791
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.5 15.9 23.9



#16
Anthracene
Concen: 0.279 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion:178 Resp: 8696
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.5 15.9 23.9





#19

Fluoranthene

Concen: 0.330 ng/u1

RT: 19.259 min Scan# 3602

Delta R.T. -0.003 min

Lab File: BN021142.D

Acq: 11 Aug 2022 10:56

Instrument :

BNA_N

ClientSampleId :

SLCS918

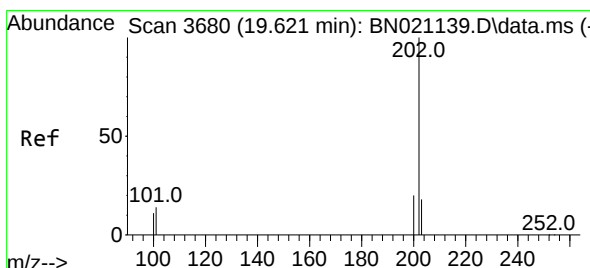
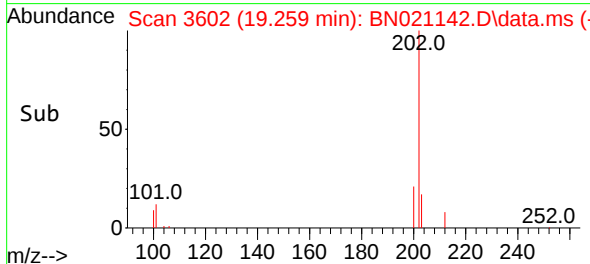
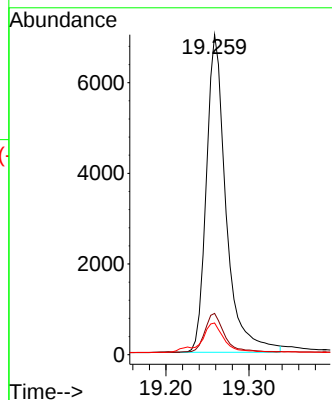
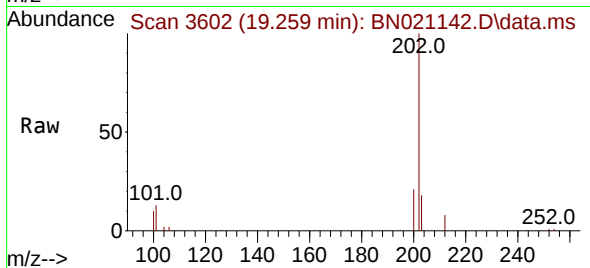
Tgt Ion:202 Resp: 11560

Ion Ratio Lower Upper

202 100

101 12.9 10.0 15.0

100 9.9 8.0 12.0



#20

Pyrene

Concen: 0.330 ng/u1

RT: 19.621 min Scan# 3680

Delta R.T. -0.003 min

Lab File: BN021142.D

Acq: 11 Aug 2022 10:56

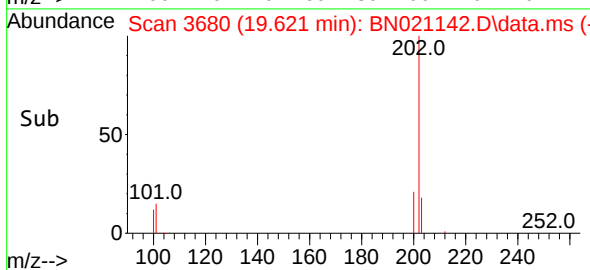
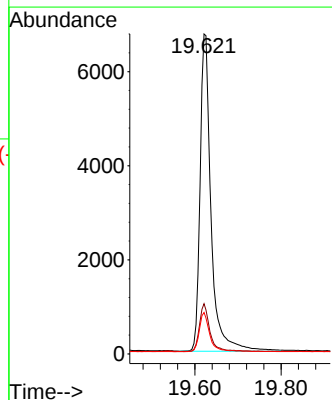
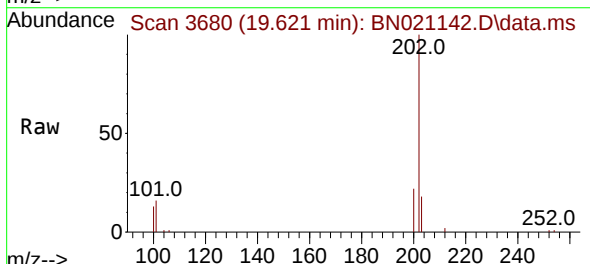
Tgt Ion:202 Resp: 11928

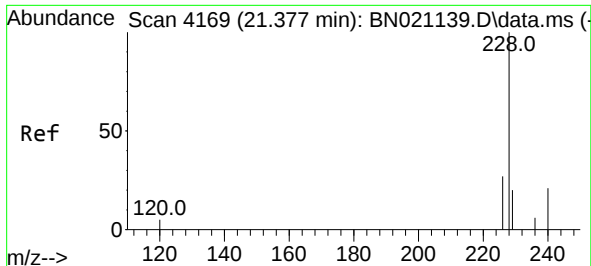
Ion Ratio Lower Upper

202 100

101 15.7 11.3 16.9

100 12.9 9.0 13.4

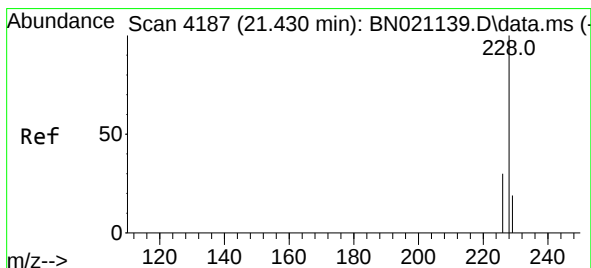
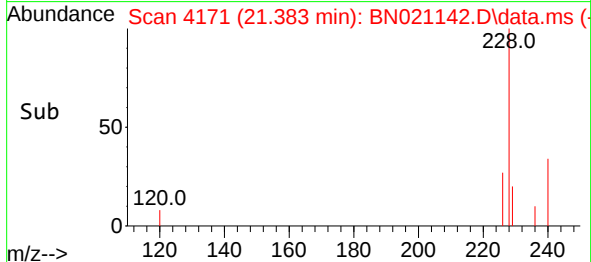
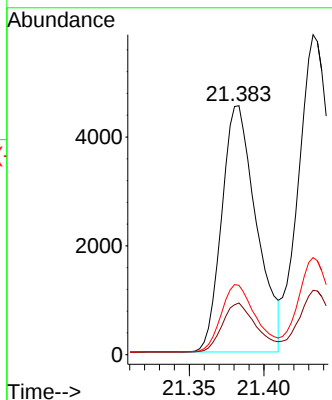
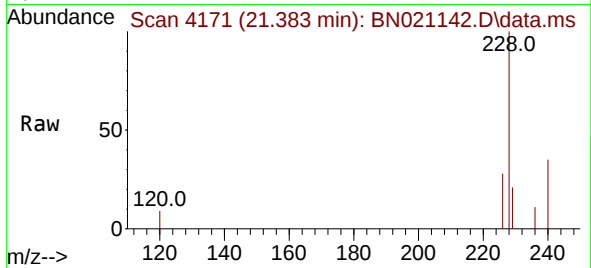




#21
Benzo(a)anthracene
Concen: 0.284 ng/ul
RT: 21.383 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

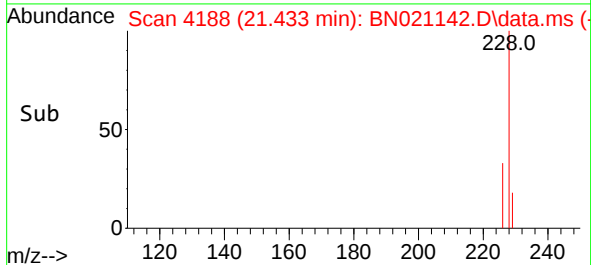
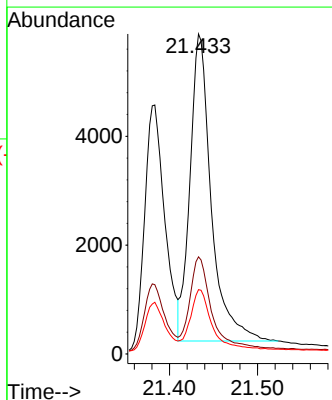
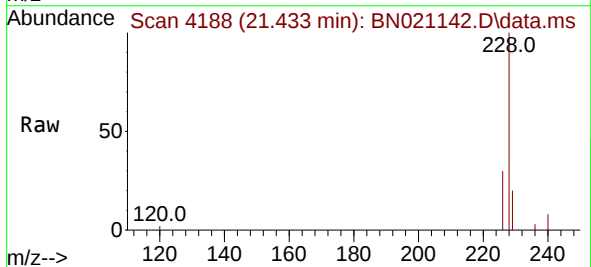
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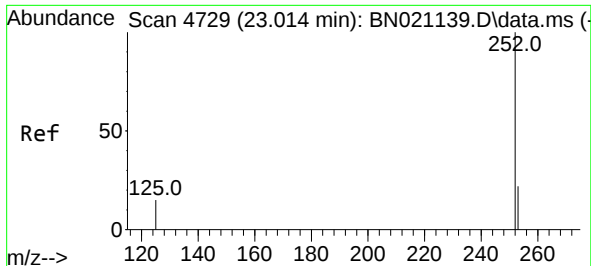
Tgt Ion:228 Resp: 7342
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 27.8 21.9 32.9



#22
Chrysene
Concen: 0.279 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. -0.009 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion:228 Resp: 9480
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.1 15.8 23.8

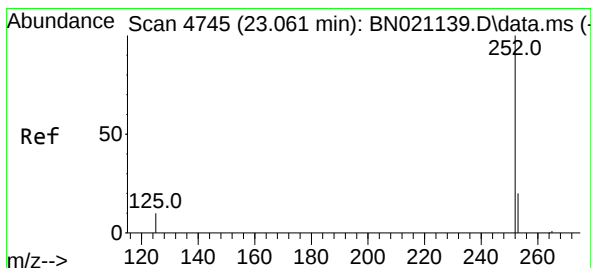
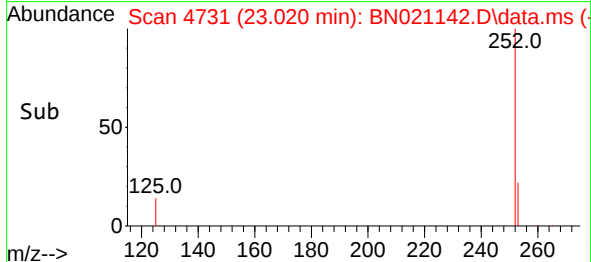
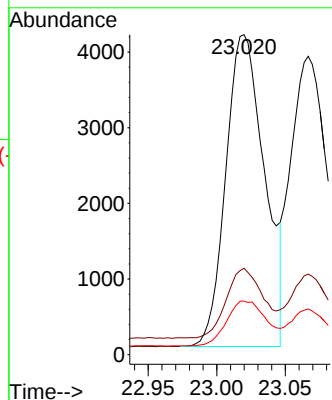
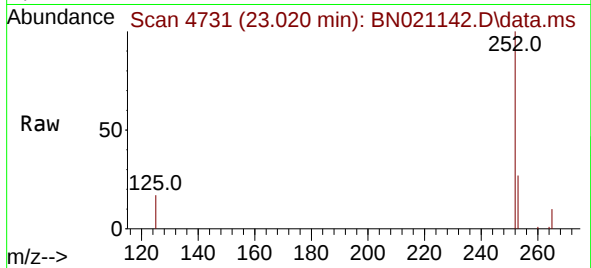




#24
Benzo(b)fluoranthene
Concen: 0.287 ng/ul
RT: 23.020 min Scan# 4731
Delta R.T. -0.009 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

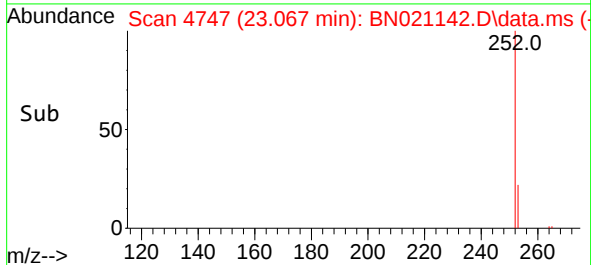
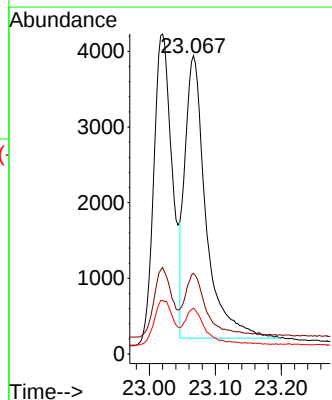
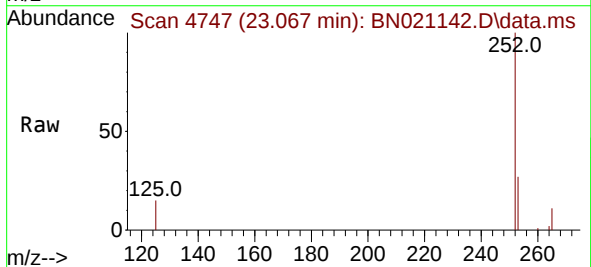
Instrument :
BNA_N
ClientSampleId :
SLCS918

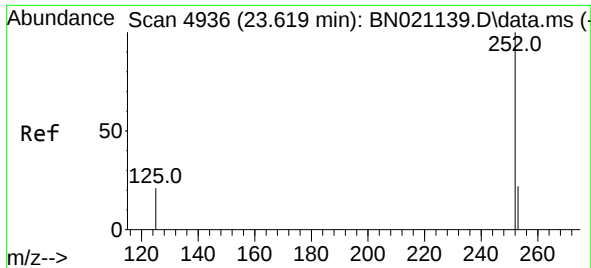
Tgt Ion:252 Resp: 8110
Ion Ratio Lower Upper
252 100
253 27.0 0.0 50.8
125 16.7 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.276 ng/ul
RT: 23.067 min Scan# 4747
Delta R.T. -0.009 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion:252 Resp: 8232
Ion Ratio Lower Upper
252 100
253 27.0 20.6 31.0
125 15.3 11.8 17.6

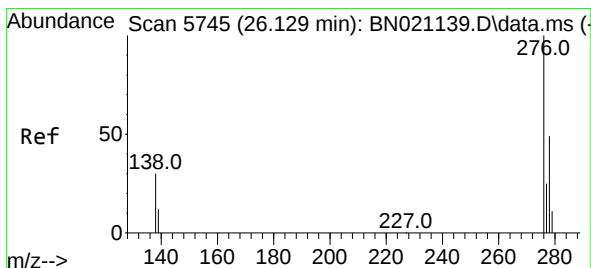
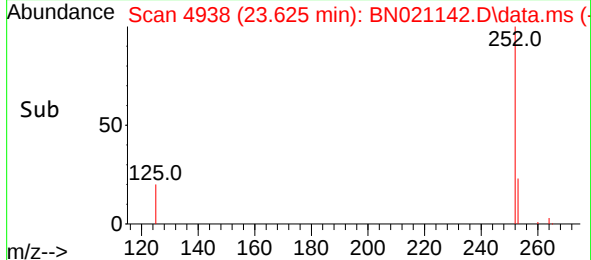
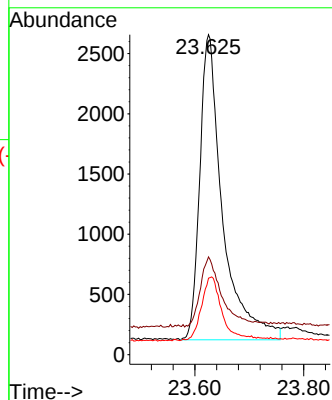
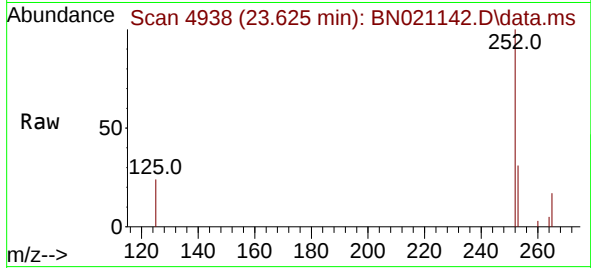




#26
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.625 min Scan# 4938
Delta R.T. -0.009 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

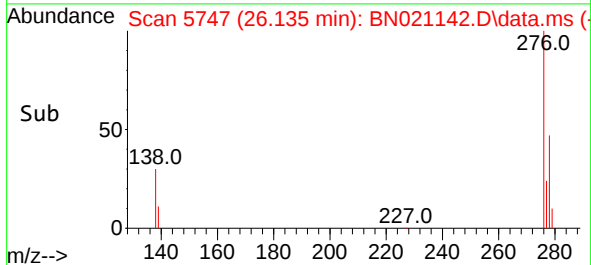
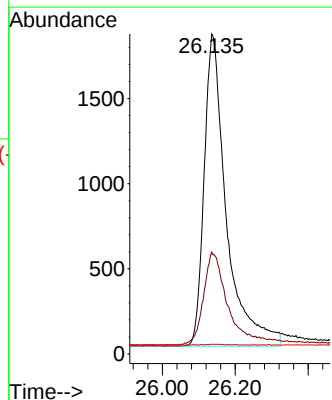
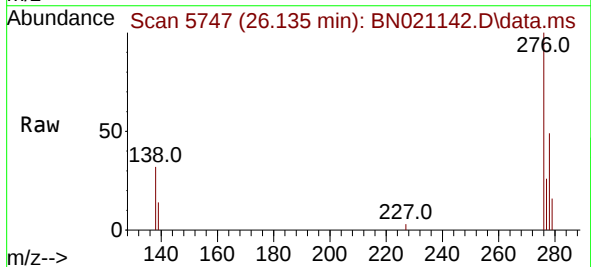
Instrument :
BNA_N
ClientSampleId :
SLCS918

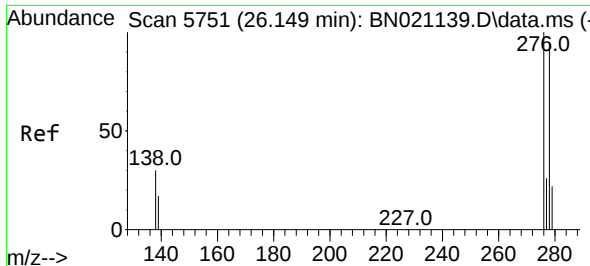
Tgt Ion:252 Resp: 7379
Ion Ratio Lower Upper
252 100
253 30.5 22.1 33.1
125 23.9 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 26.135 min Scan# 5747
Delta R.T. -0.014 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion:276 Resp: 7746
Ion Ratio Lower Upper
276 100
138 33.2 26.1 39.1
227 0.2 0.1 0.1#

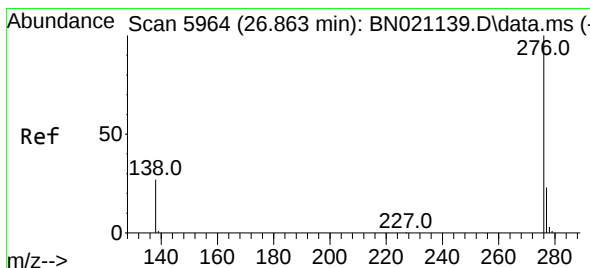
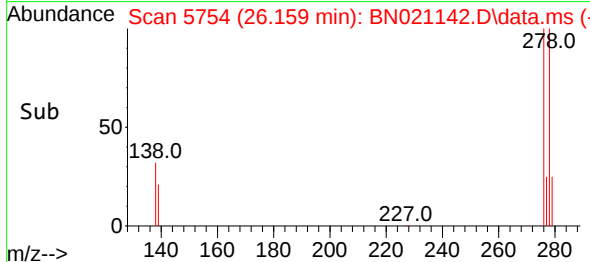
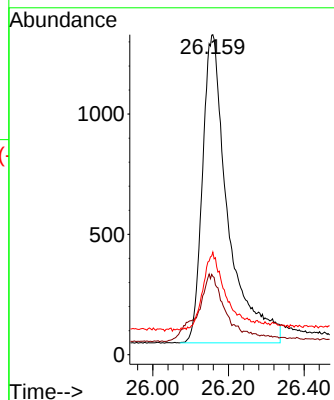
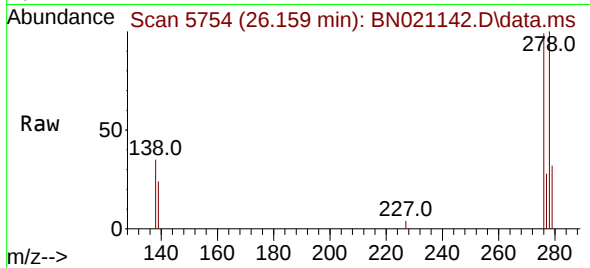




#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 26.159 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :
SLCS918

Tgt Ion:278 Resp: 5987
Ion Ratio Lower Upper
278 100
139 24.4 18.3 27.5
279 32.0 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 26.873 min Scan# 5967
Delta R.T. -0.014 min
Lab File: BN021142.D
Acq: 11 Aug 2022 10:56

Tgt Ion:276 Resp: 7081
Ion Ratio Lower Upper
276 100
138 30.7 22.6 34.0
277 25.7 20.2 30.2

