

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112822\
 Data File : BN022912.D
 Acq On : 28 Nov 2022 10:41
 Operator : CG/JU
 Sample : PB149073BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS073

Quant Time: Nov 29 01:10:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

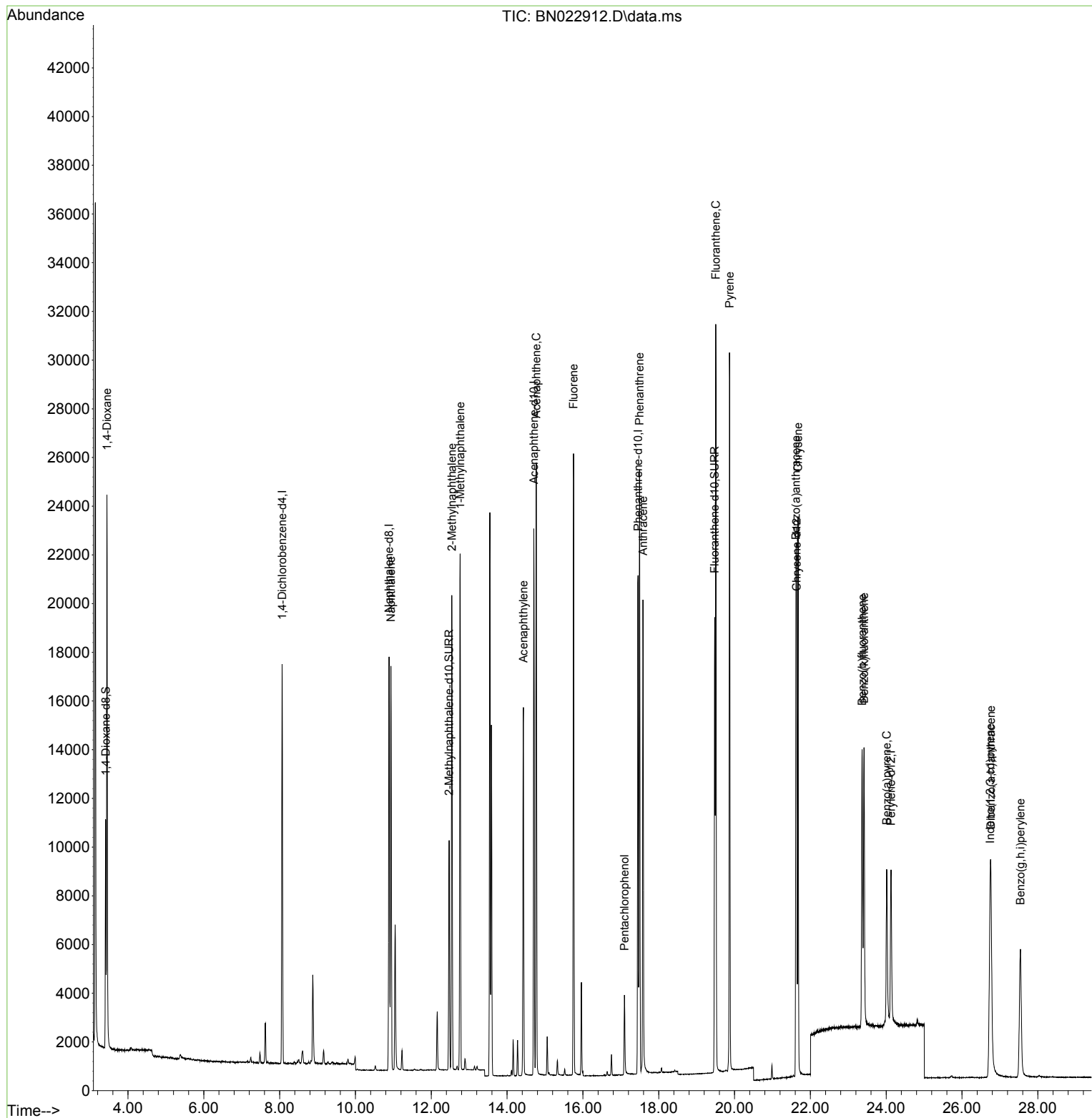
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	7957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.887	136	22053	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.706	164	11564	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.454	188	23700	0.400	ng/ul	0.00
17) Chrysene-d12	21.640	240	14433	0.400	ng/ul	0.00
23) Perylene-d12	24.128	264	9522	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	5838	0.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.470	152	11485	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.477	212	19684	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.445	88	14808	1.487	ng/ul	92
5) Naphthalene	10.936	128	21338	0.319	ng/ul	100
7) 2-Methylnaphthalene	12.542	142	13119	0.314	ng/ul	100
8) 1-Methylnaphthalene	12.762	142	14025	0.330	ng/ul	100
10) Acenaphthylene	14.428	152	16928	0.297	ng/ul	100
11) Acenaphthene	14.771	153	14074	0.312	ng/ul	99
12) Fluorene	15.752	166	15602	0.305	ng/ul	99
14) Pentachlorophenol	17.095	266	2276	0.459	ng/ul#	100
15) Phenanthrene	17.492	178	25441	0.313	ng/ul	100
16) Anthracene	17.585	178	21022	0.301	ng/ul	100
19) Fluoranthene	19.505	202	25217	0.338	ng/ul	99
20) Pyrene	19.867	202	24455	0.335	ng/ul	98
21) Benzo(a)anthracene	21.619	228	17036	0.309	ng/ul	99
22) Chrysene	21.675	228	19595	0.324	ng/ul	99
24) Benzo(b)fluoranthene	23.365	252	15661	0.325	ng/ul	97
25) Benzo(k)fluoranthene	23.414	252	16745	0.328	ng/ul	97
26) Benzo(a)pyrene	24.014	252	11522	0.314	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.739	276	14272	0.327	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.762	278	11563	0.333	ng/ul	98
29) Benzo(g,h,i)perylene	27.540	276	12617	0.331	ng/ul	99

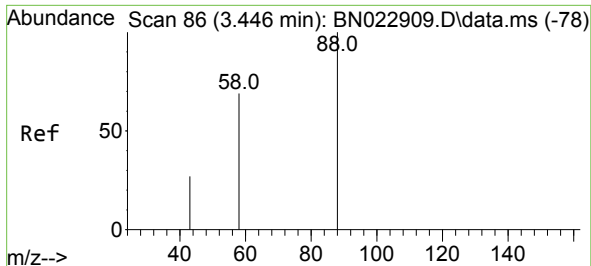
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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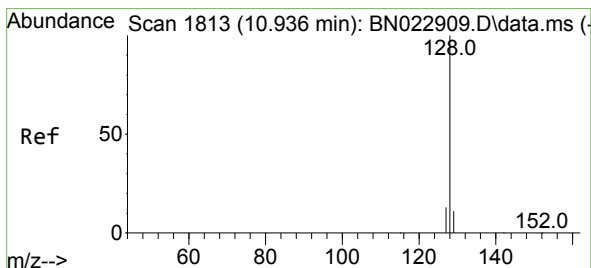
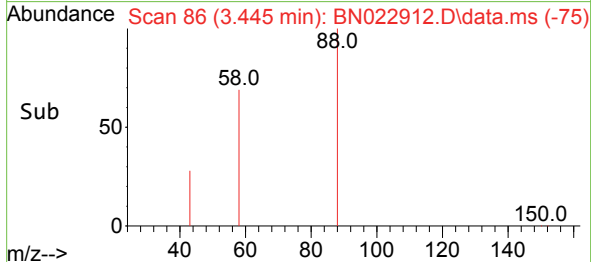
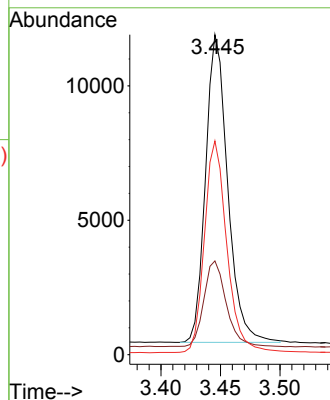
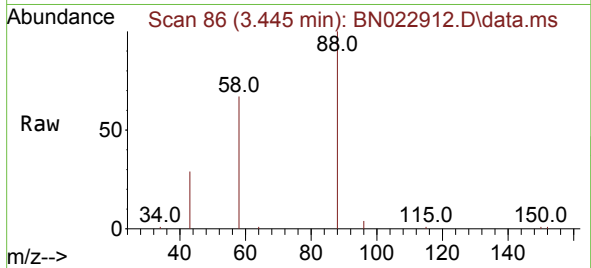




#2
 1,4-Dioxane
 Concen: 1.487 ng/ul
 RT: 3.445 min Scan# 86
 Delta R.T. -0.004 min
 Lab File: BN022912.D
 Acq: 28 Nov 2022 10:41

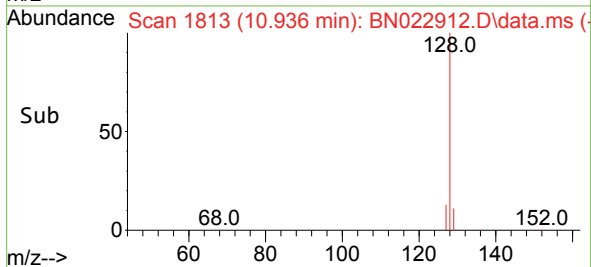
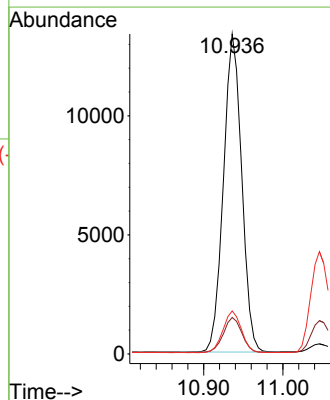
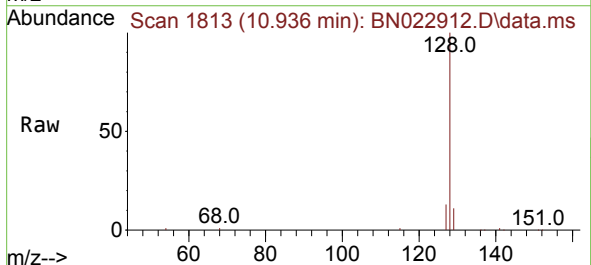
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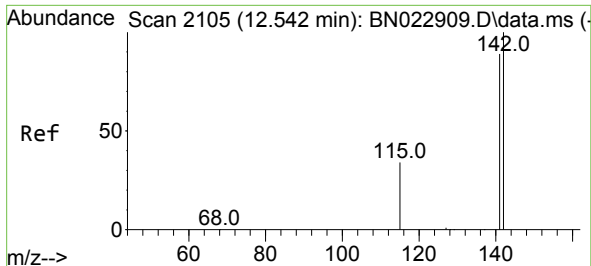
Tgt Ion: 88 Resp: 14808
 Ion Ratio Lower Upper
 88 100
 43 29.3 26.2 39.4
 58 66.8 47.6 71.4



#5
 Naphthalene
 Concen: 0.319 ng/ul
 RT: 10.936 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BN022912.D
 Acq: 28 Nov 2022 10:41

Tgt Ion:128 Resp: 21338
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.5 10.6 16.0

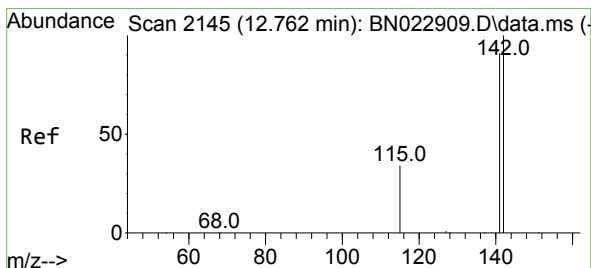
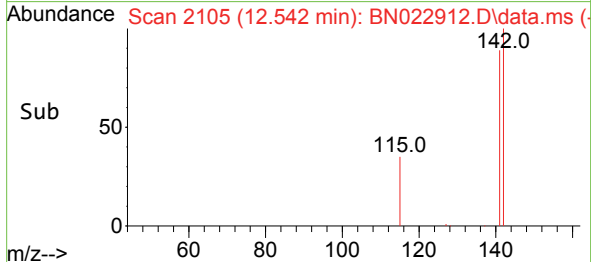
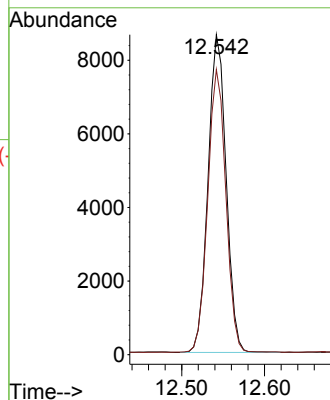
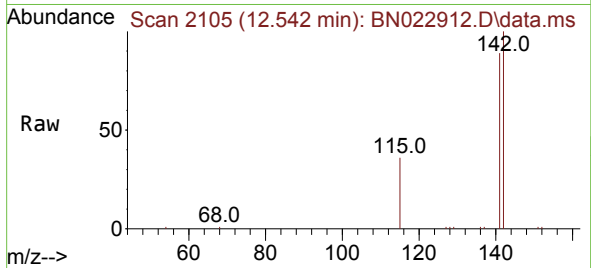




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

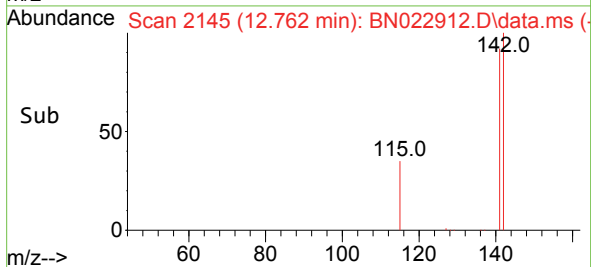
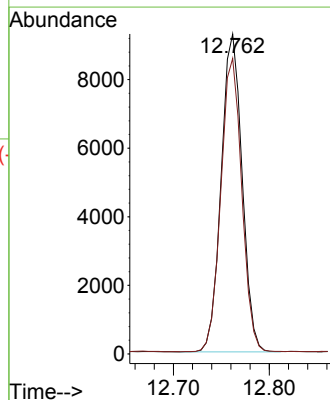
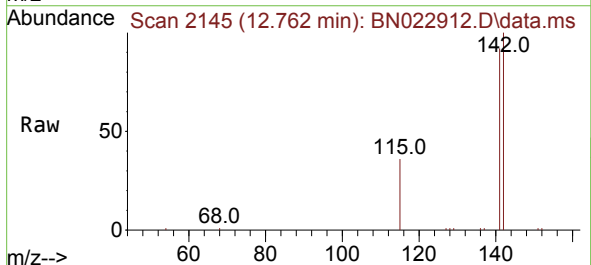
Instrument :
BNA_N
ClientSampleId :
SLCS073

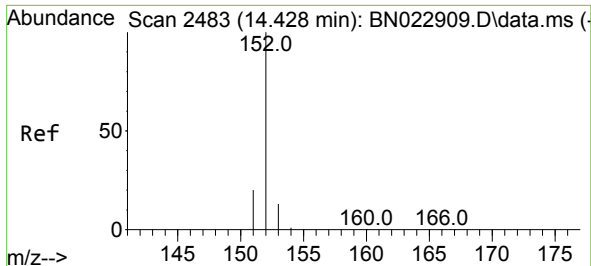
Tgt Ion:142 Resp: 13119
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

Tgt Ion:142 Resp: 14025
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

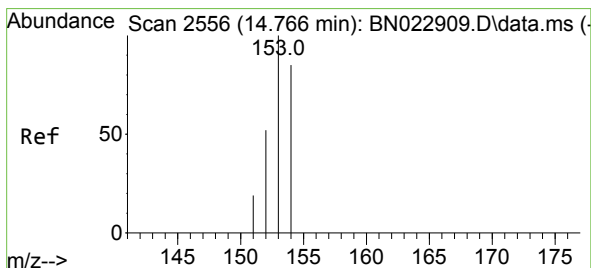
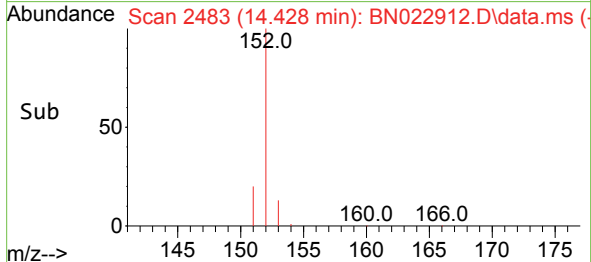
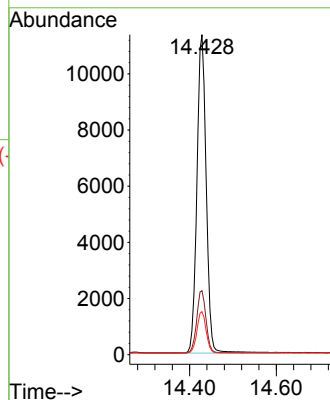
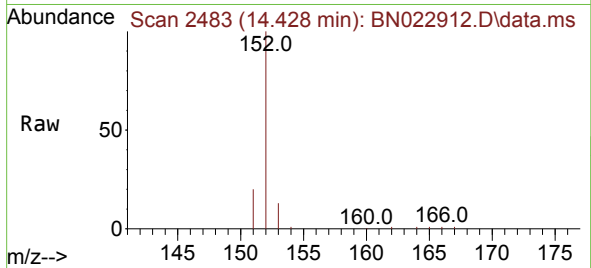




#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 14.428 min Scan# 2483
Delta R.T. -0.004 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

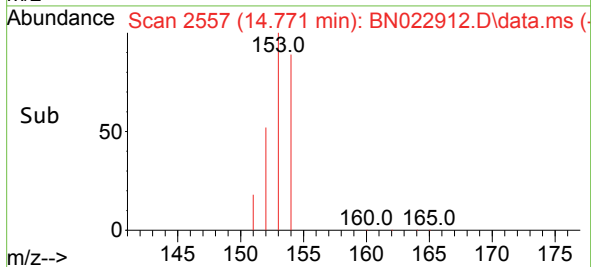
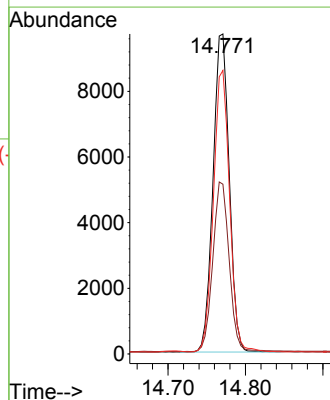
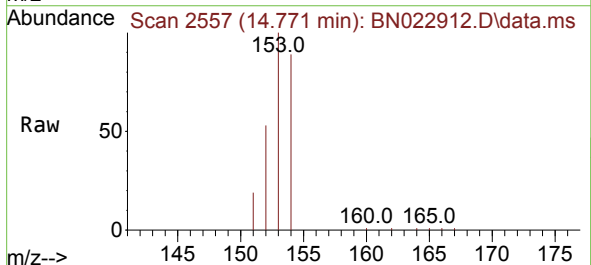
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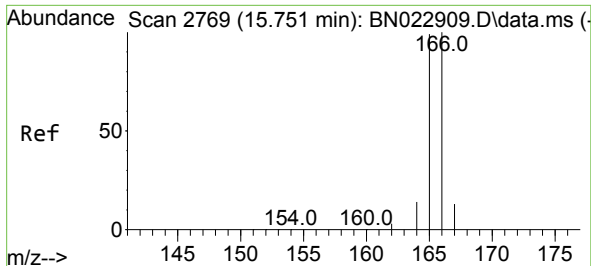
Tgt Ion:152 Resp: 16928
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.4 10.5 15.7



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.771 min Scan# 2557
Delta R.T. -0.004 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

Tgt Ion:153 Resp: 14074
Ion Ratio Lower Upper
153 100
152 53.0 41.8 62.8
154 88.6 71.3 106.9

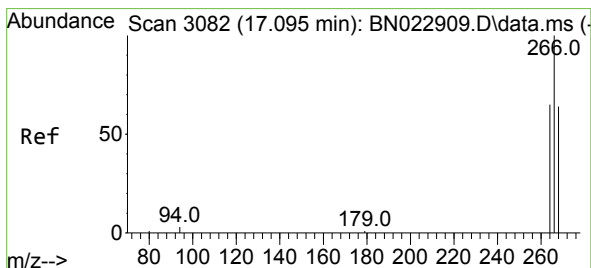
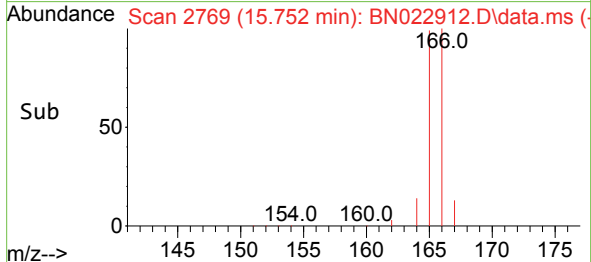
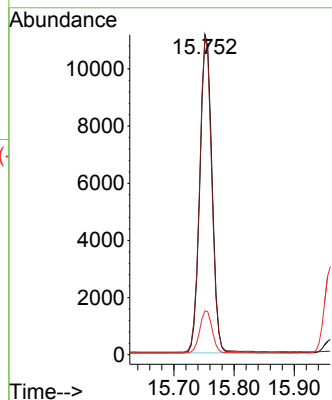
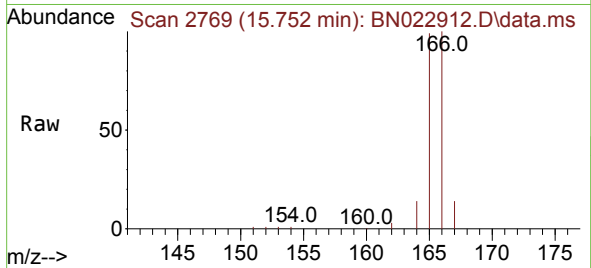




#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.752 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

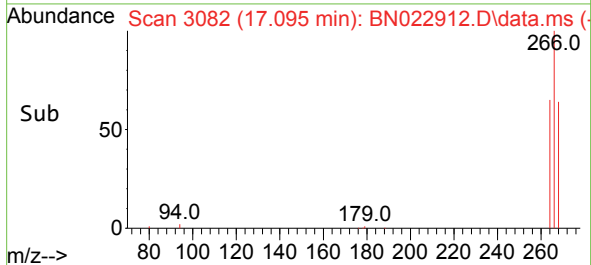
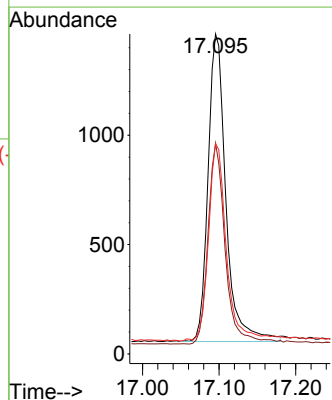
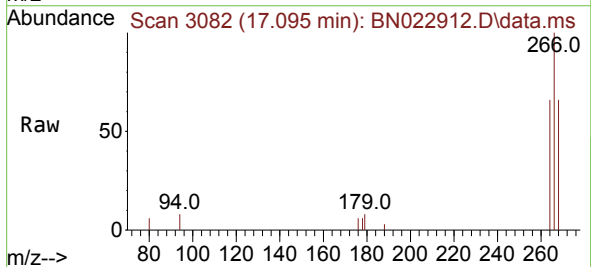
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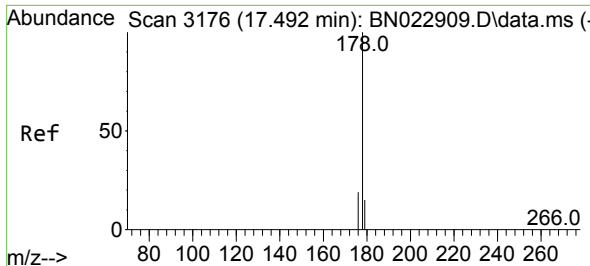
Tgt Ion:166 Resp: 15602
Ion Ratio Lower Upper
166 100
165 99.3 78.7 118.1
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.459 ng/ul
RT: 17.095 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

Tgt Ion:266 Resp: 2276
Ion Ratio Lower Upper
266 100
264 63.5 0.0 0.0#
268 65.0 0.0 0.0#

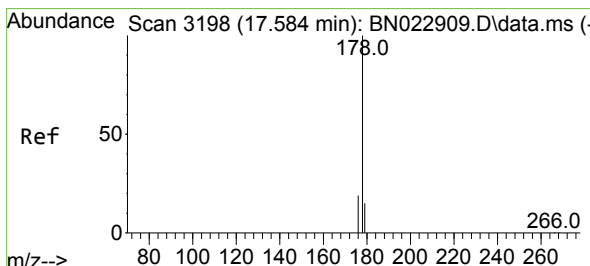
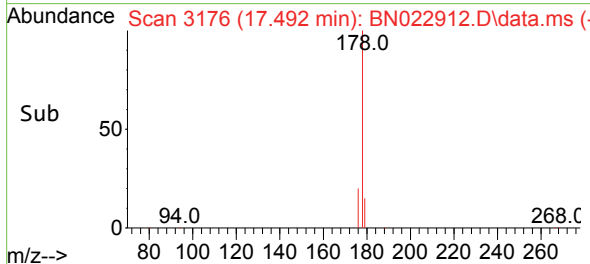
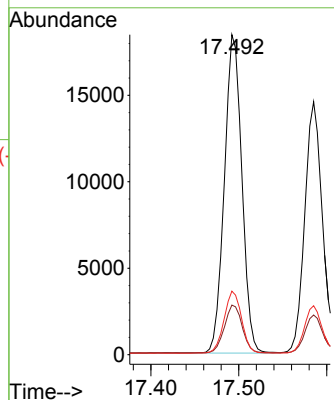
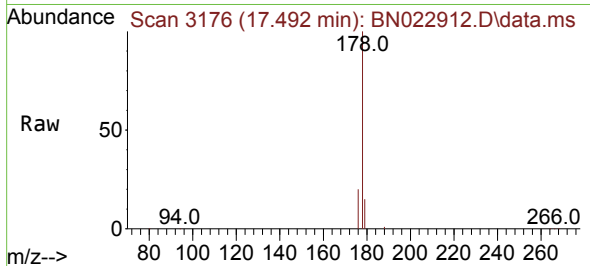




#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.492 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

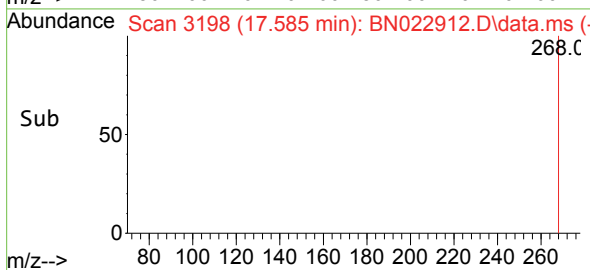
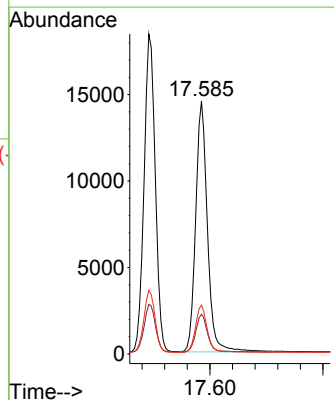
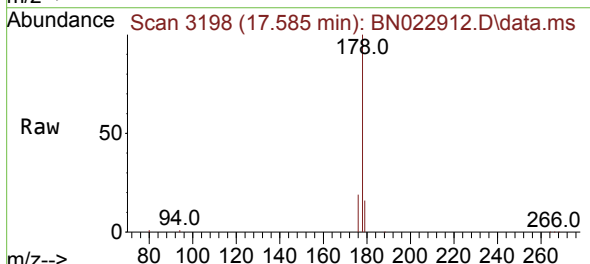
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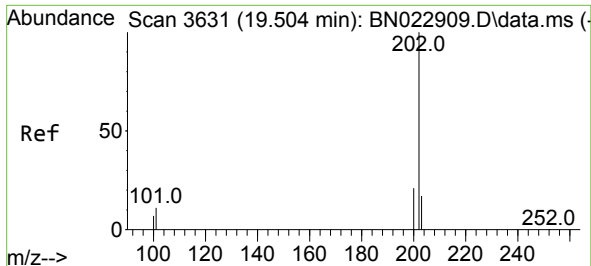
Tgt Ion:178	Resp:	25441
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.5 18.7
176	19.9	15.9 23.9



#16
Anthracene
Concen: 0.301 ng/ul
RT: 17.585 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

Tgt Ion:178	Resp:	21022
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 18.8
176	19.3	15.3 22.9

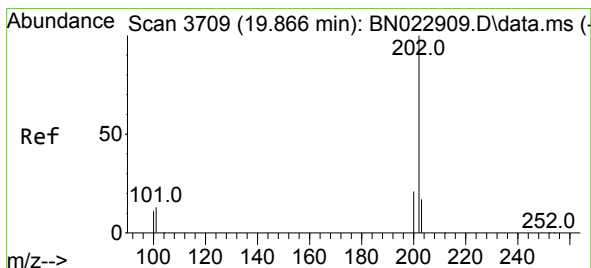
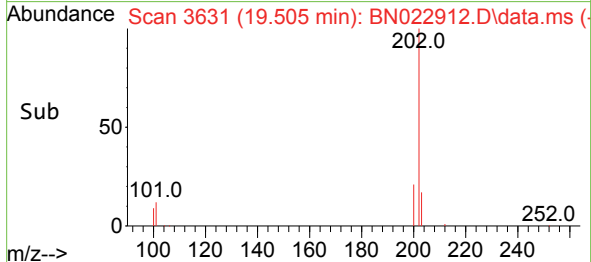
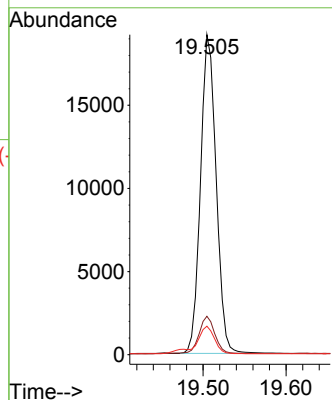
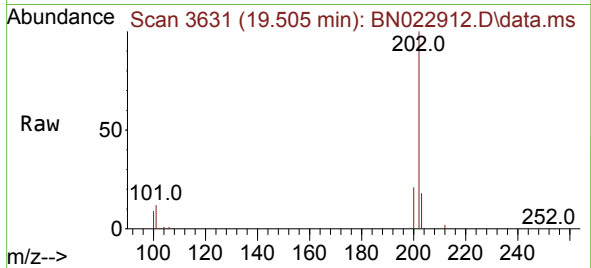




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.505 min Scan# 3631
Delta R.T. -0.004 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

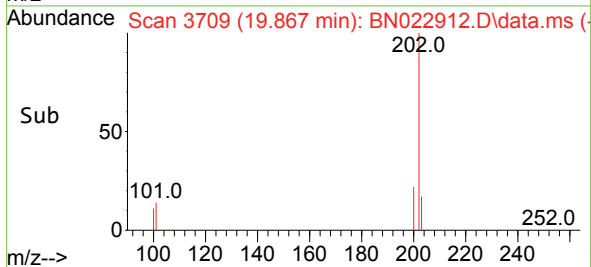
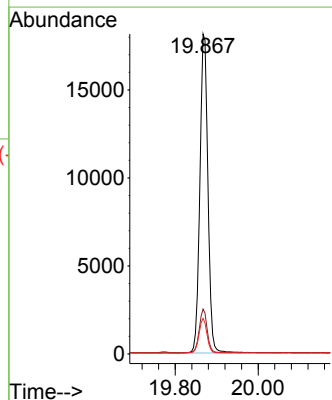
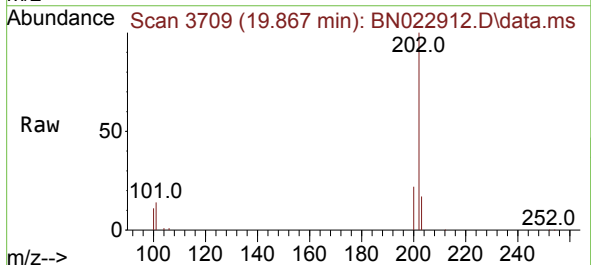
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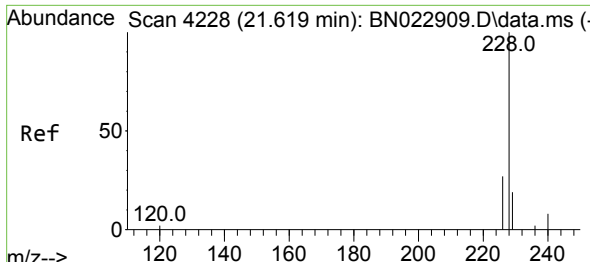
Tgt Ion:202 Resp: 25217
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 8.9 6.9 10.3



#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.867 min Scan# 3709
Delta R.T. -0.004 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

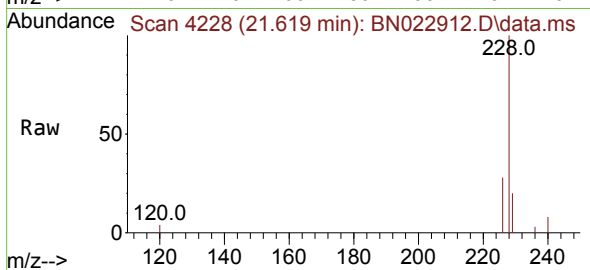
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Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 11.1 8.2 12.4



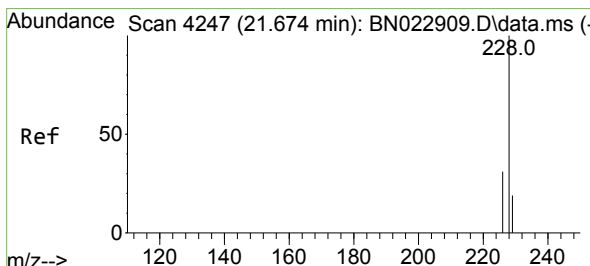
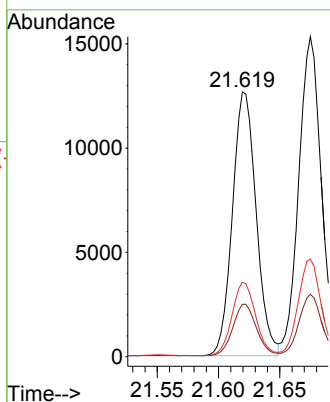
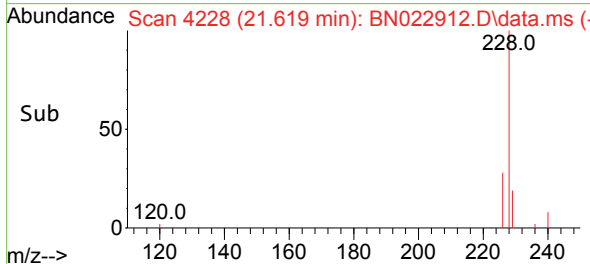


#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.001 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

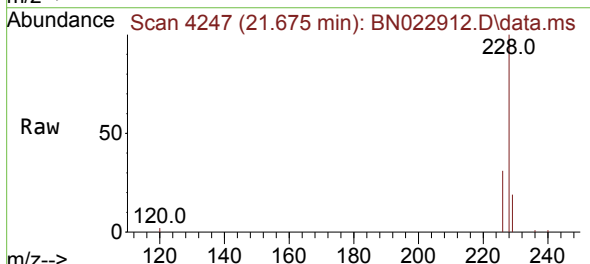
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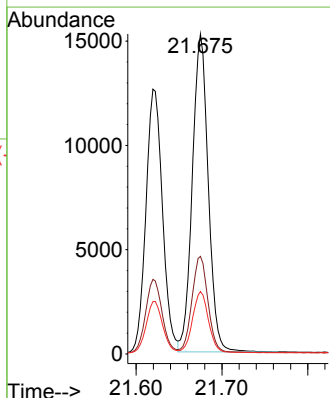
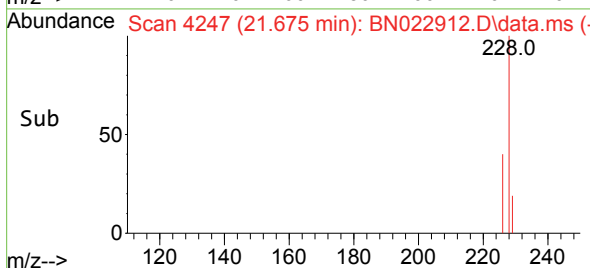
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Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 28.1 22.2 33.4

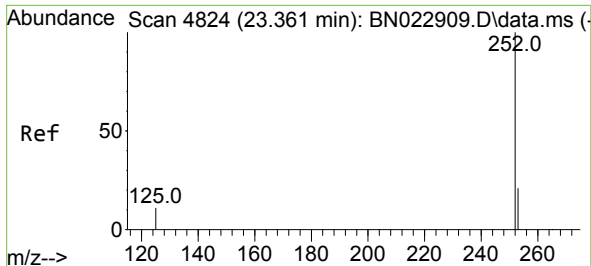


#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.675 min Scan# 4247
Delta R.T. 0.001 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41



Tgt Ion:228 Resp: 19595
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.5 15.8 23.8

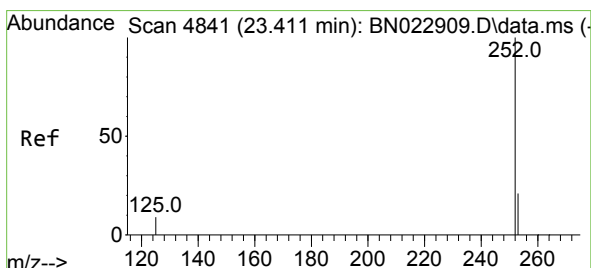
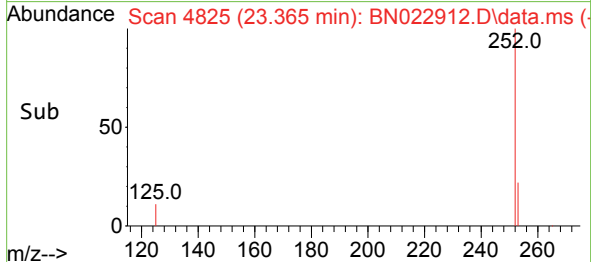
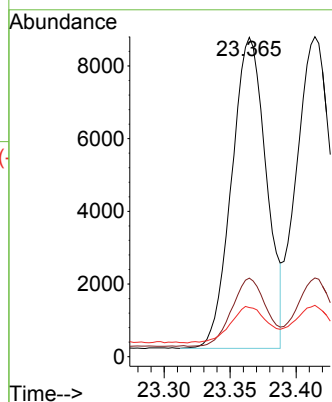
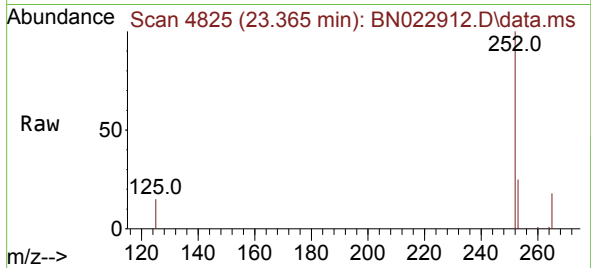




#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.365 min Scan# 4824
Delta R.T. 0.001 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

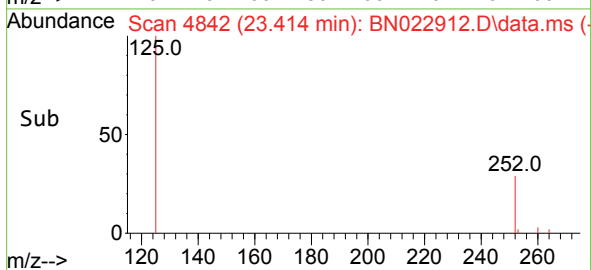
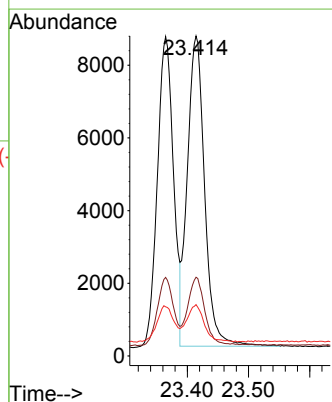
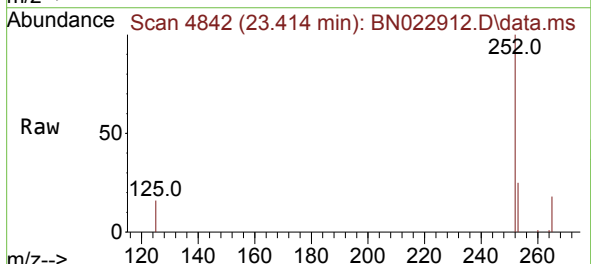
Instrument :
BNA_N
ClientSampleId :
SLCS073

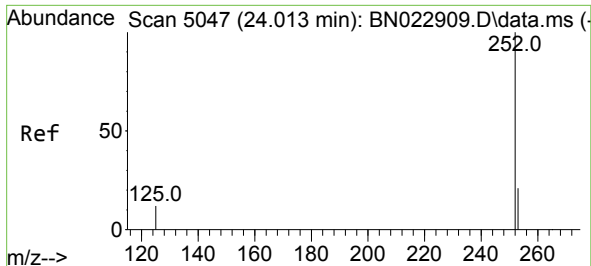
Tgt Ion:252 Resp: 15661
Ion Ratio Lower Upper
252 100
253 24.6 0.0 46.0
125 15.4 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul
RT: 23.414 min Scan# 4842
Delta R.T. 0.001 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

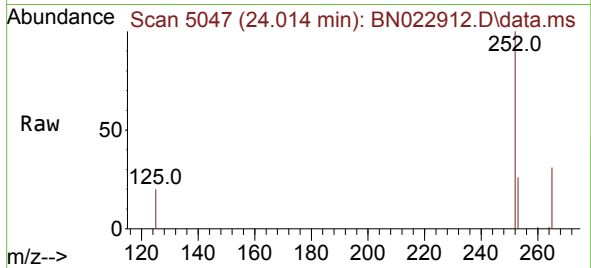
Tgt Ion:252 Resp: 16745
Ion Ratio Lower Upper
252 100
253 24.6 18.7 28.1
125 16.1 11.3 16.9



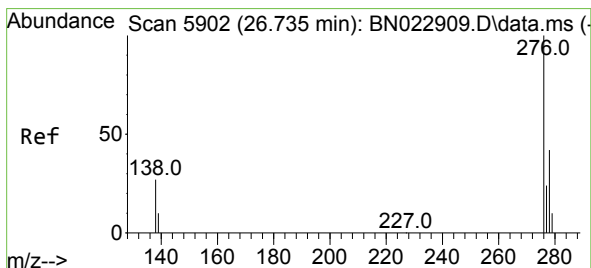
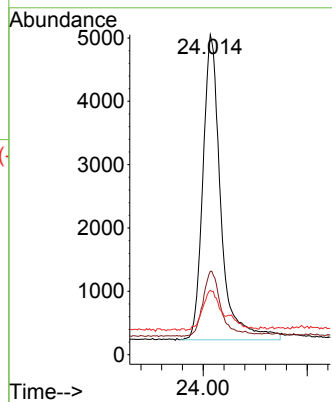
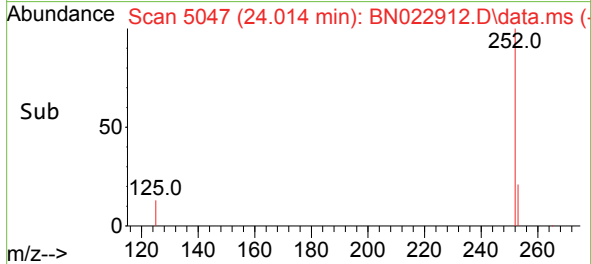


#26
Benzo(a)pyrene
Concen: 0.314 ng/ul
RT: 24.014 min Scan# 5047
Delta R.T. 0.001 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SLCS073

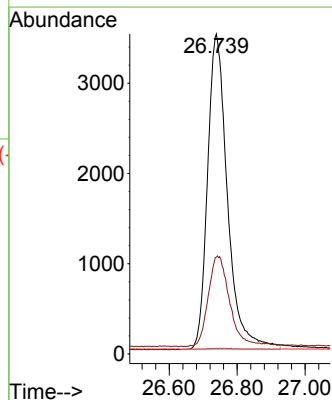
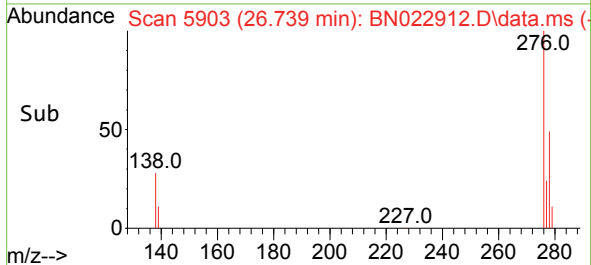
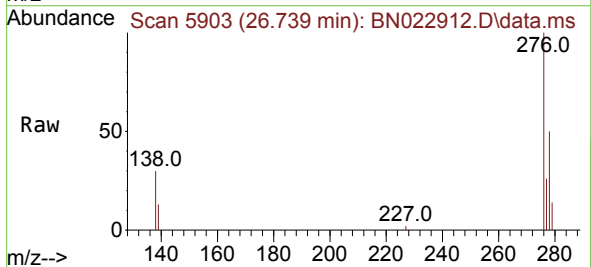


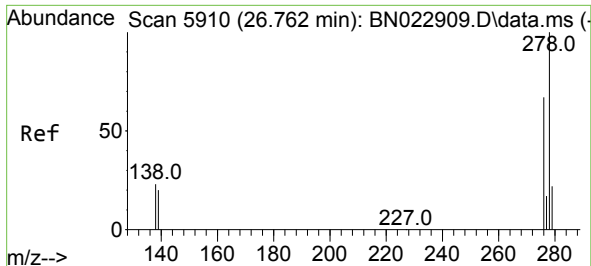
Tgt Ion:252 Resp: 11522
Ion Ratio Lower Upper
252 100
253 26.0 19.7 29.5
125 20.1 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 26.739 min Scan# 5903
Delta R.T. -0.003 min
Lab File: BN022912.D
Acq: 28 Nov 2022 10:41

Tgt Ion:276 Resp: 14272
Ion Ratio Lower Upper
276 100
138 30.3 0.0 0.0#
227 0.1 0.0 0.0#

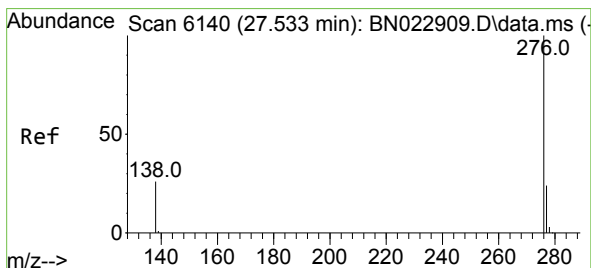
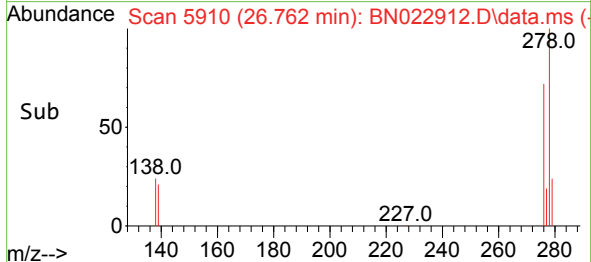
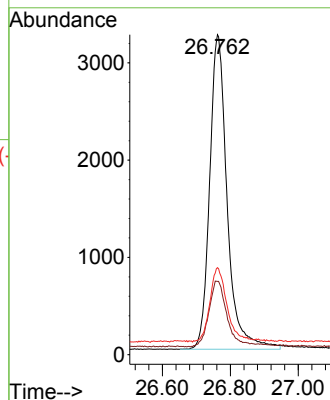
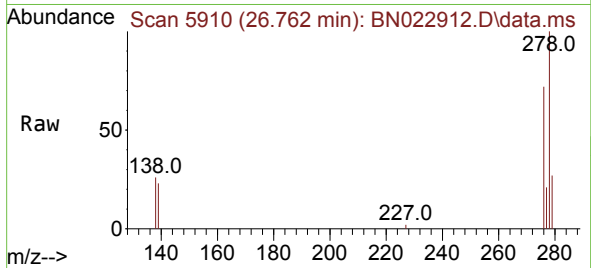




#28
 Dibenzo(a,h)anthracene
 Concen: 0.333 ng/ul
 RT: 26.762 min Scan# 5910
 Delta R.T. 0.001 min
 Lab File: BN022912.D
 Acq: 28 Nov 2022 10:41

Instrument :
 BNA_N
 ClientSampleId :
 SLCS073

Tgt Ion:278 Resp: 11563
 Ion Ratio Lower Upper
 278 100
 139 22.9 18.3 27.5
 279 27.2 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.331 ng/ul
 RT: 27.540 min Scan# 6142
 Delta R.T. 0.001 min
 Lab File: BN022912.D
 Acq: 28 Nov 2022 10:41

Tgt Ion:276 Resp: 12617
 Ion Ratio Lower Upper
 276 100
 138 27.9 22.1 33.1
 277 25.5 19.4 29.2

