

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112822\
 Data File : BN022911.D
 Acq On : 28 Nov 2022 10:04
 Operator : CG/JU
 Sample : PB149071BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 29 01:10:02 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)

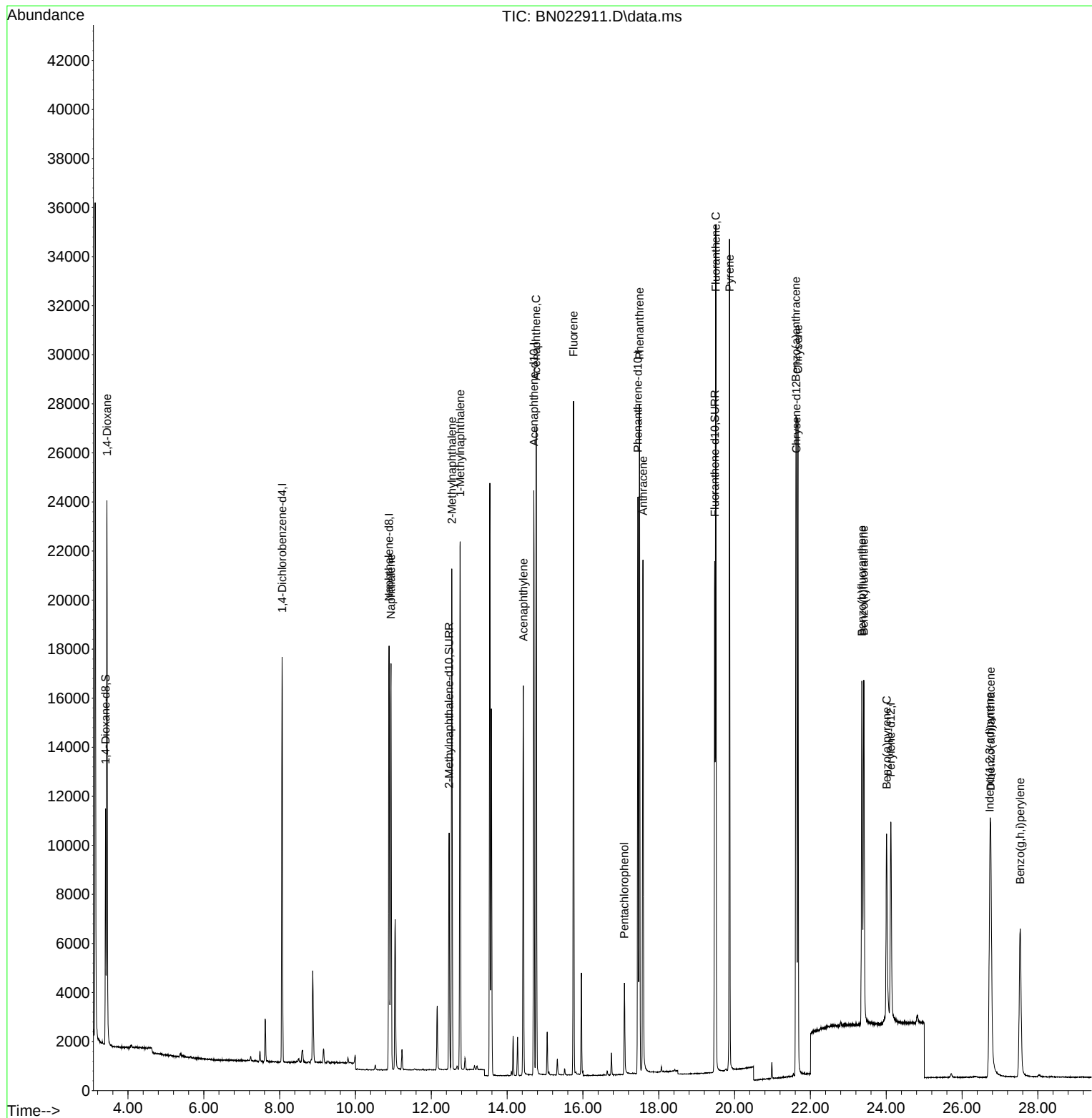
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	8081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.887	136	22758	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.705	164	12415	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.449	188	26301	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	17346	0.400	ng/ul	0.00
23) Perylene-d12	24.121	264	11922	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	5885	0.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.470	152	11864	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	22236	0.347	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	14717	1.455	ng/ul	92
5) Naphthalene	10.936	128	21895	0.317	ng/ul	100
7) 2-Methylnaphthalene	12.542	142	13655	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.762	142	14617	0.333	ng/ul	100
10) Acenaphthylene	14.428	152	17804	0.291	ng/ul	100
11) Acenaphthene	14.766	153	14913	0.308	ng/ul	98
12) Fluorene	15.751	166	16737	0.305	ng/ul	100
14) Pentachlorophenol	17.095	266	2592	0.471	ng/ul#	100
15) Phenanthrene	17.491	178	27897	0.309	ng/ul	100
16) Anthracene	17.584	178	23038	0.297	ng/ul	100
19) Fluoranthene	19.504	202	28539	0.318	ng/ul	100
20) Pyrene	19.866	202	27844	0.317	ng/ul	99
21) Benzo(a)anthracene	21.619	228	20388	0.307	ng/ul	99
22) Chrysene	21.671	228	23166	0.319	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	19157	0.317	ng/ul	99
25) Benzo(k)fluoranthene	23.408	252	20359	0.319	ng/ul	98
26) Benzo(a)pyrene	24.010	252	13867	0.301	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.731	276	16936	0.310	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.758	278	13763	0.317	ng/ul	98
29) Benzo(g,h,i)perylene	27.533	276	14554	0.305	ng/ul	99

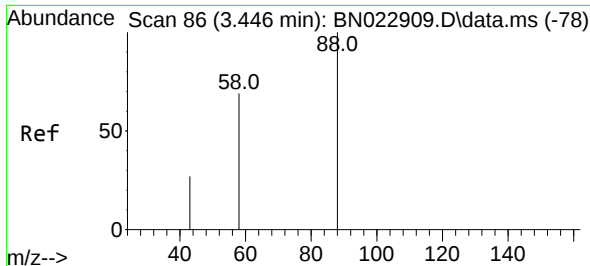
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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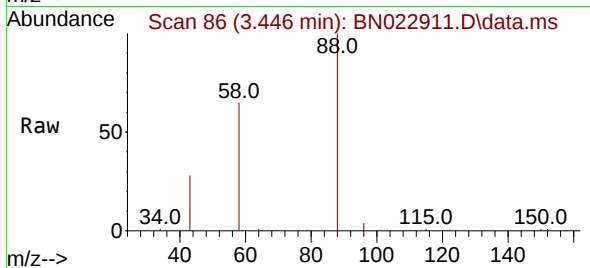
Quant Time: Nov 29 01:10:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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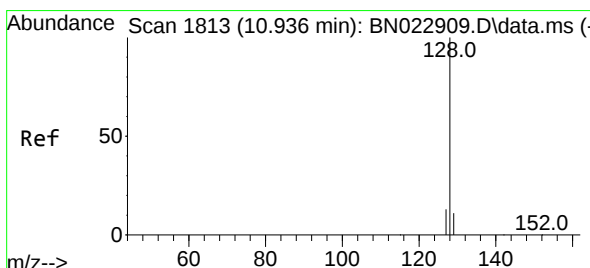
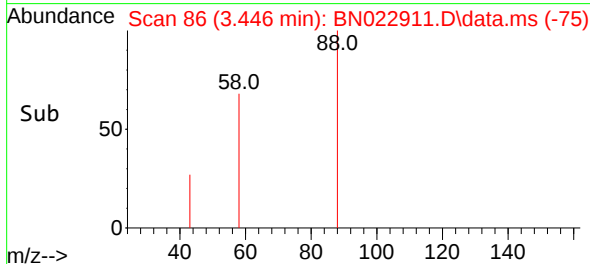
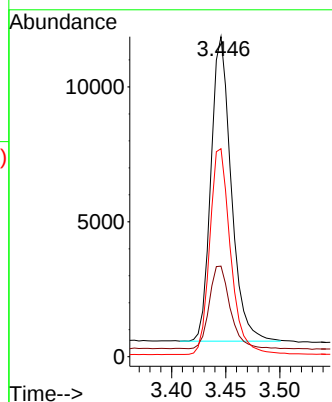


#2
1,4-Dioxane
Concen: 1.455 ng/ul
RT: 3.446 min Scan# 86
Delta R.T. -0.004 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :

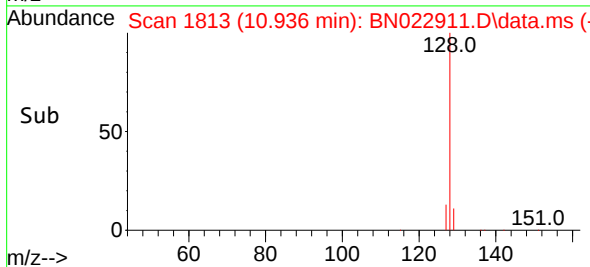
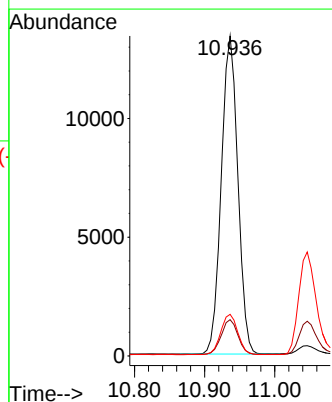
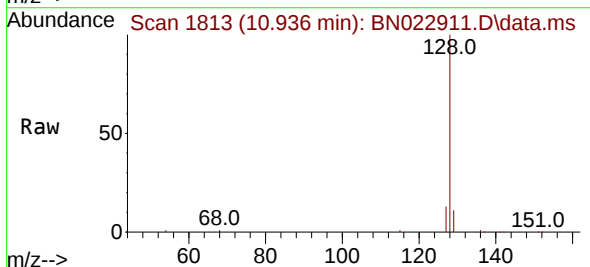


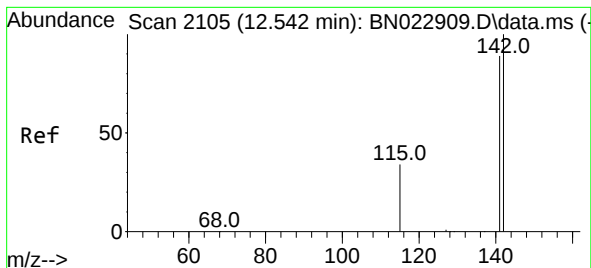
Tgt Ion: 88 Resp: 14717
Ion Ratio Lower Upper
88 100
43 28.3 26.2 39.4
58 65.0 47.6 71.4



#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.936 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion: 128 Resp: 21895
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.0 10.6 16.0

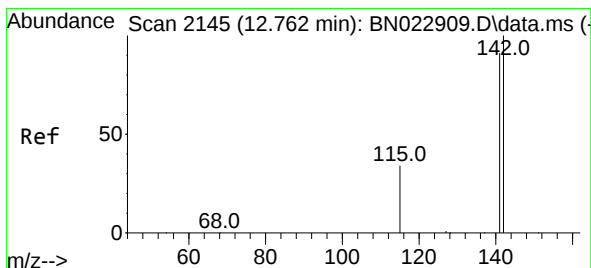
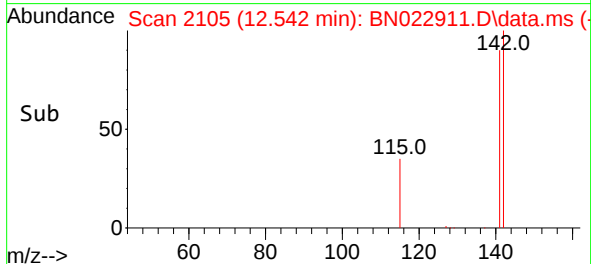
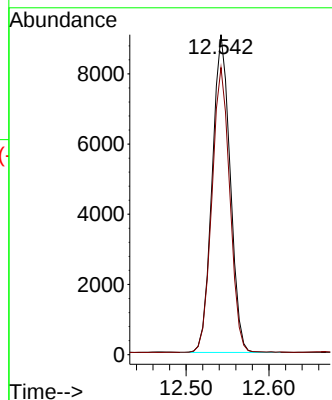
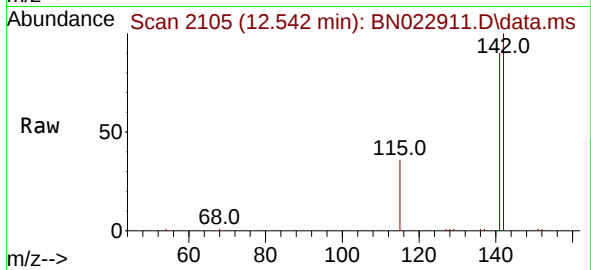




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

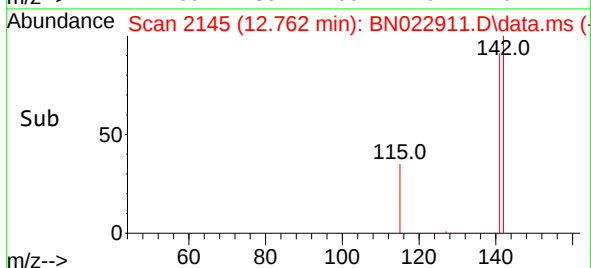
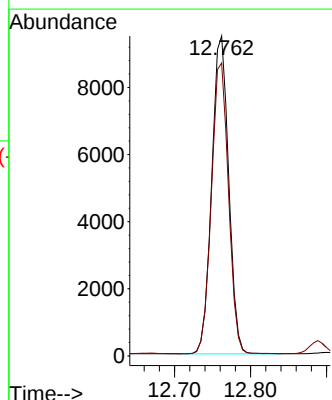
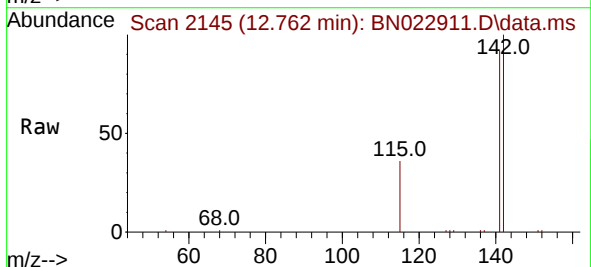
Instrument :
BNA_N
ClientSampleId :

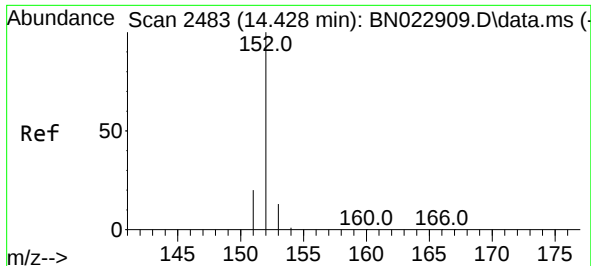
Tgt Ion:142 Resp: 13655
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:142 Resp: 14617
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

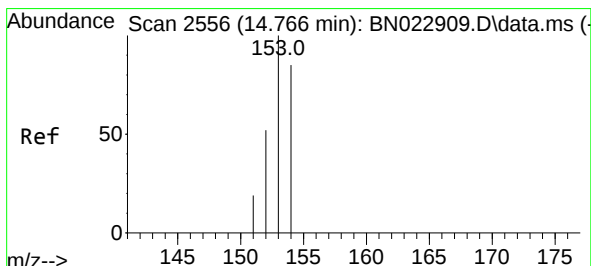
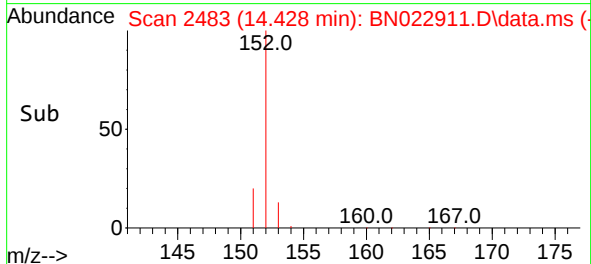
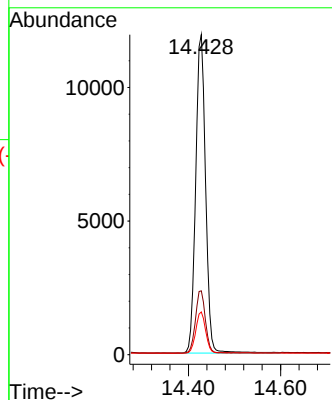
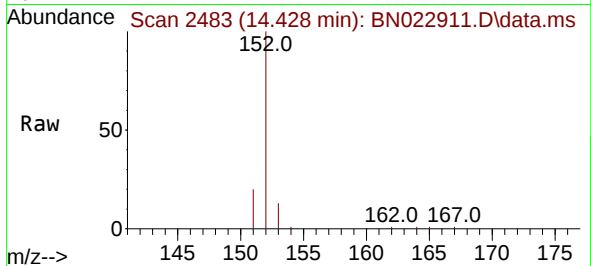




#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.428 min Scan# 2483
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

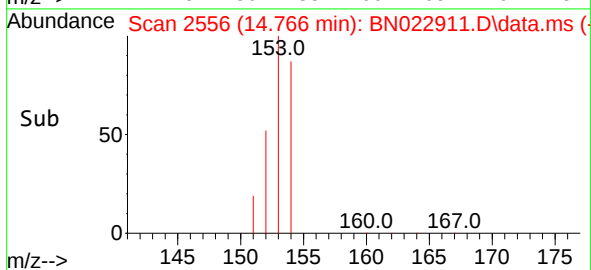
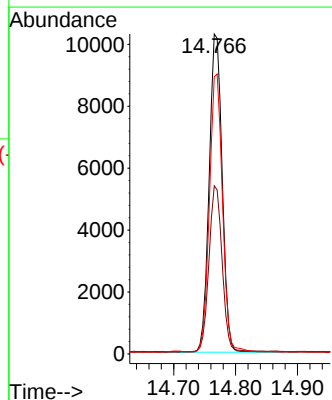
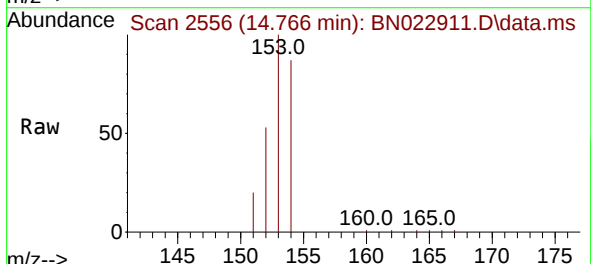
Instrument :
BNA_N
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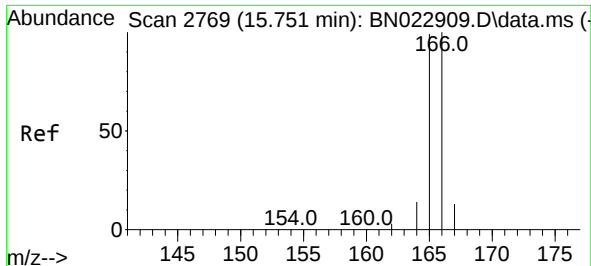
Tgt Ion:152 Resp: 17804
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.4 10.5 15.7



#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.766 min Scan# 2556
Delta R.T. -0.009 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

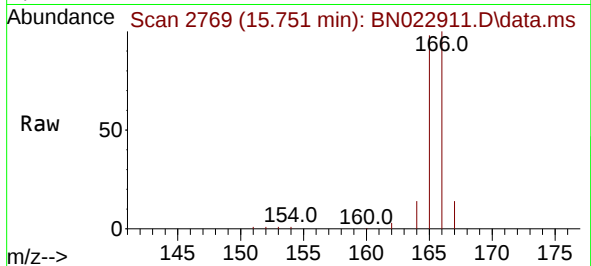
Tgt Ion:153 Resp: 14913
Ion Ratio Lower Upper
153 100
152 52.5 41.8 62.8
154 86.6 71.3 106.9



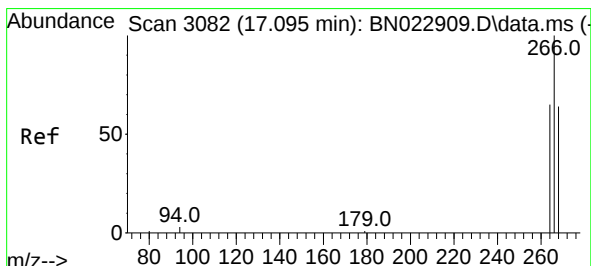
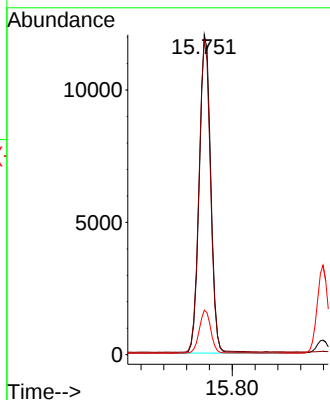
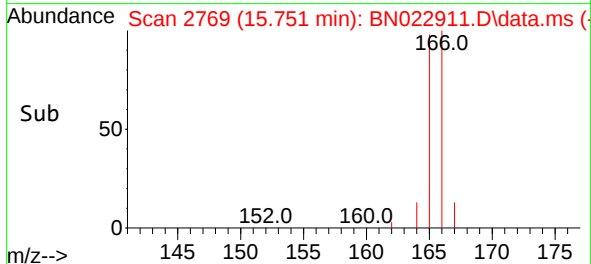


#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.751 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

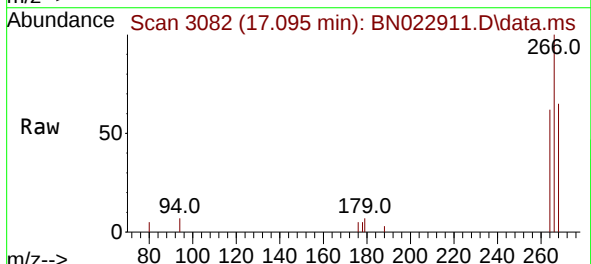
Instrument :
BNA_N
ClientSampleId :



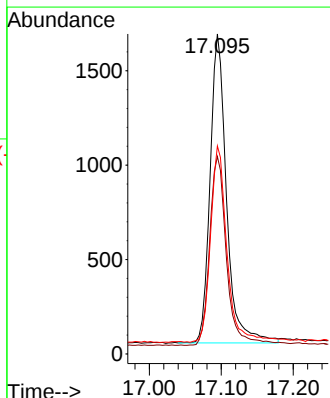
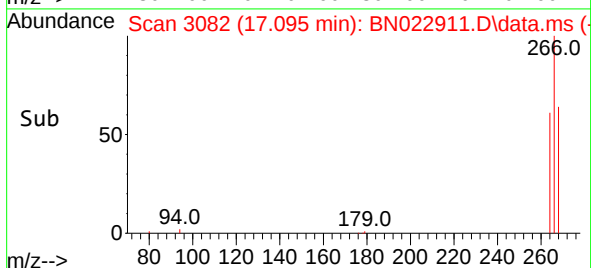
Tgt Ion:166 Resp: 16737
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.9 10.8 16.2

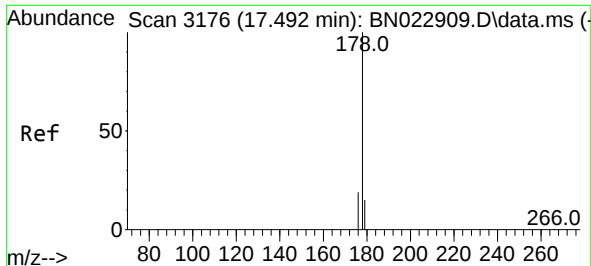


#14
Pentachlorophenol
Concen: 0.471 ng/ul
RT: 17.095 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04



Tgt Ion:266 Resp: 2592
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.6 0.0 0.0#

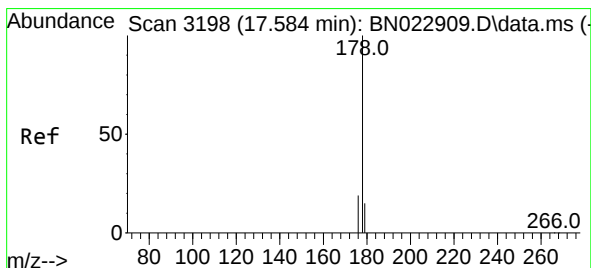
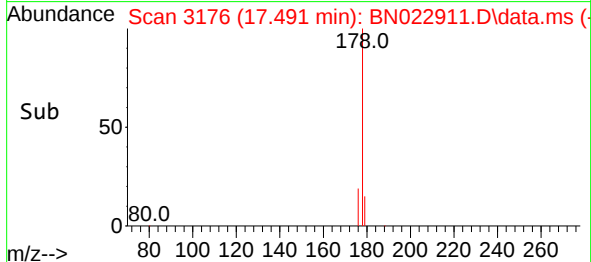
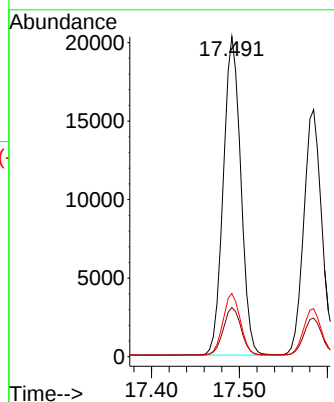
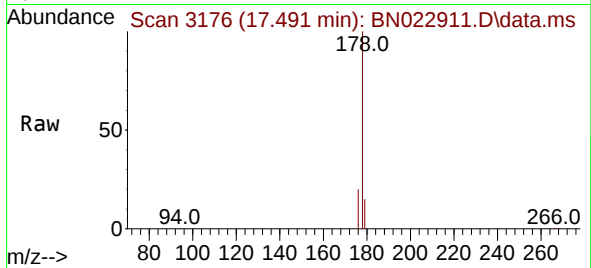




#15
Phenanthrene
Concen: 0.309 ng/ul
RT: 17.491 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

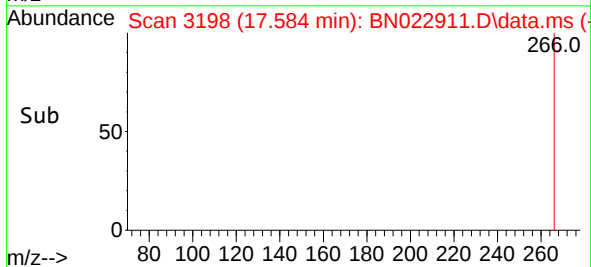
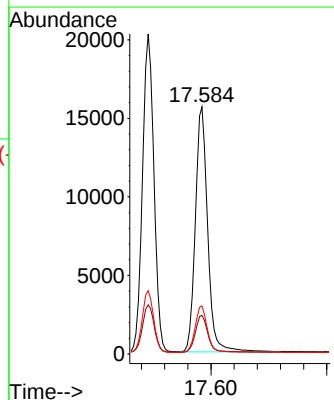
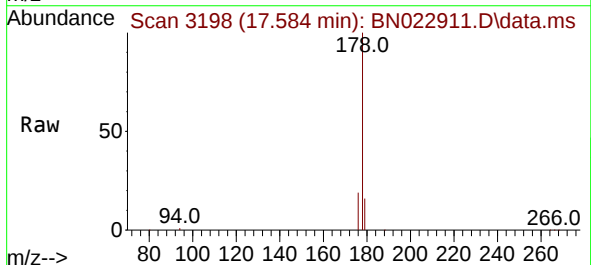
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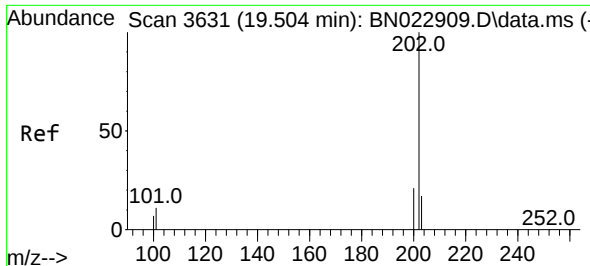
Tgt Ion:178 Resp: 27897
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.297 ng/ul
RT: 17.584 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

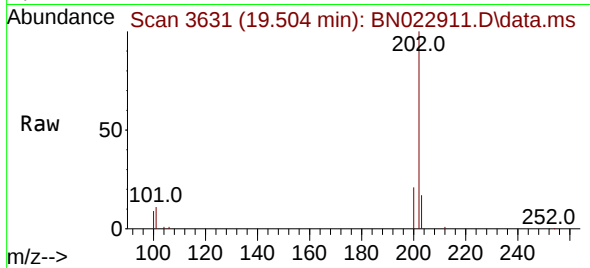
Tgt Ion:178 Resp: 23038
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.3 22.9



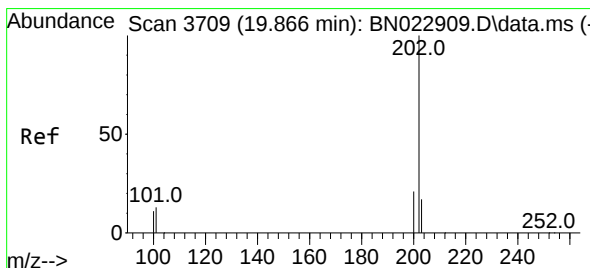
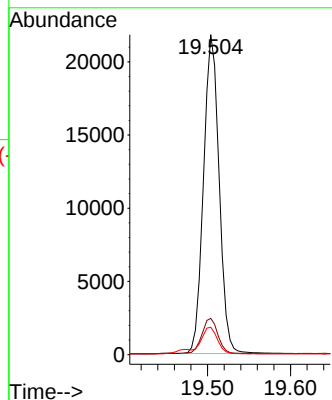
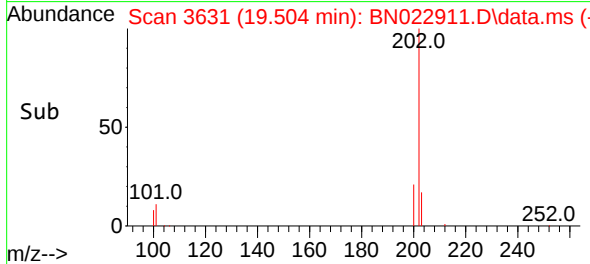


#19
Fluoranthene
Concen: 0.318 ng/ul
RT: 19.504 min Scan# 3631
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :

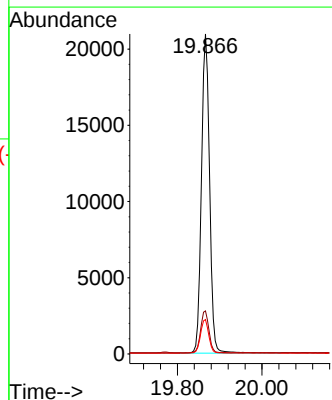
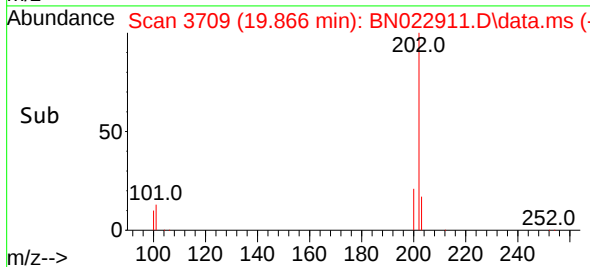
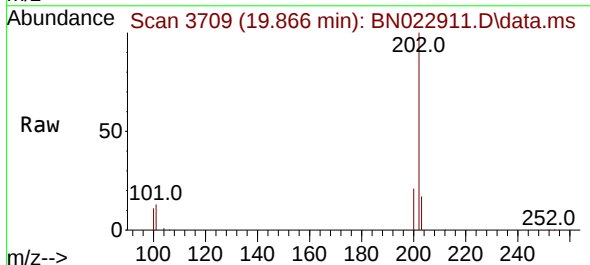


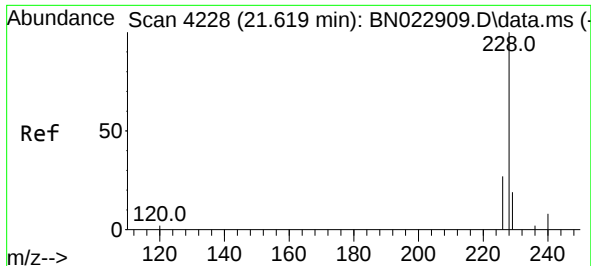
Tgt Ion:202 Resp: 28539
Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
100 8.6 6.9 10.3



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.866 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

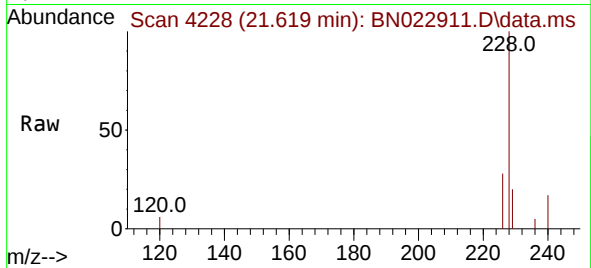
Tgt Ion:202 Resp: 27844
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 10.7 8.2 12.4



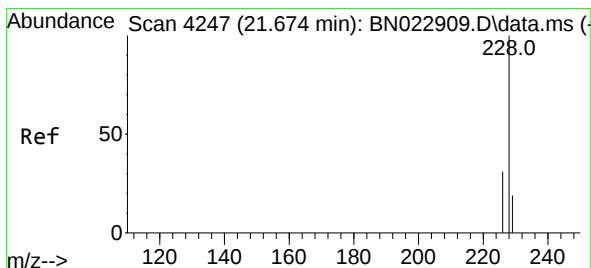
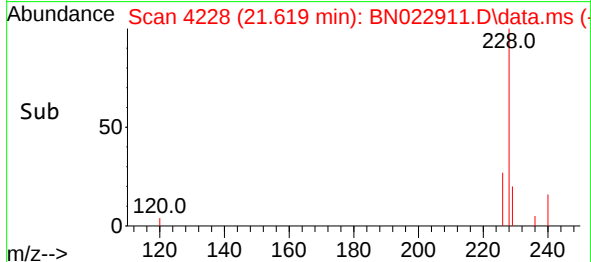
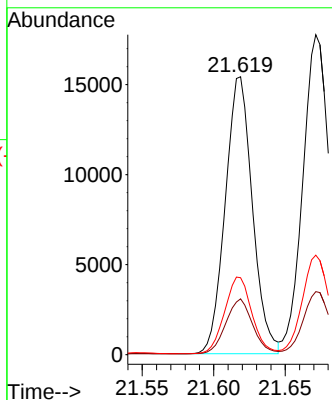


#21
Benzo(a)anthracene
Concen: 0.307 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.000 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :

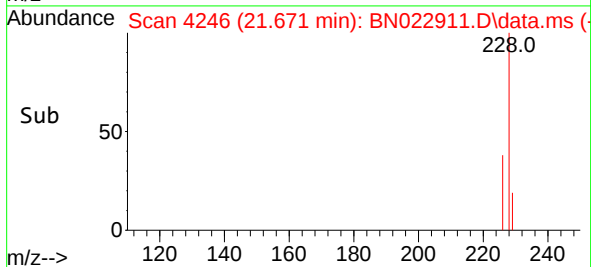
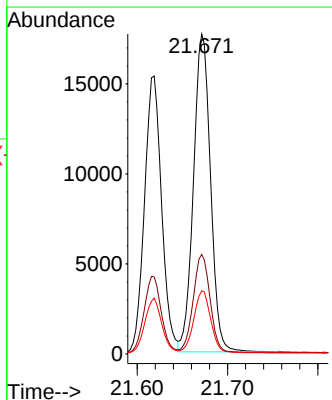
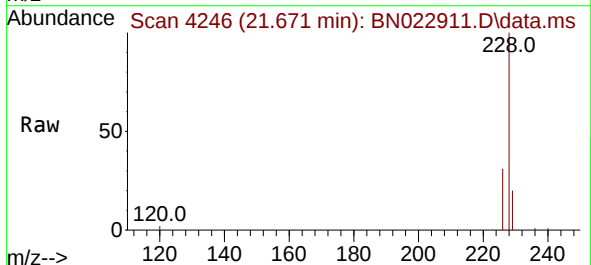


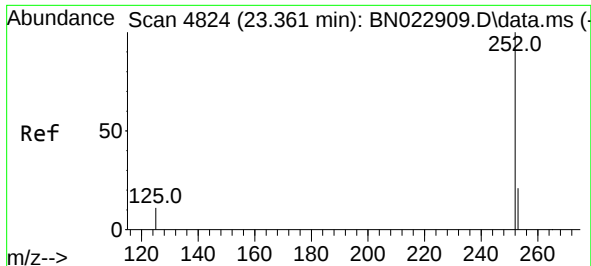
Tgt Ion:228 Resp: 20388
Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 27.7 22.2 33.4



#22
Chrysene
Concen: 0.319 ng/ul
RT: 21.671 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:228 Resp: 23166
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 19.7 15.8 23.8

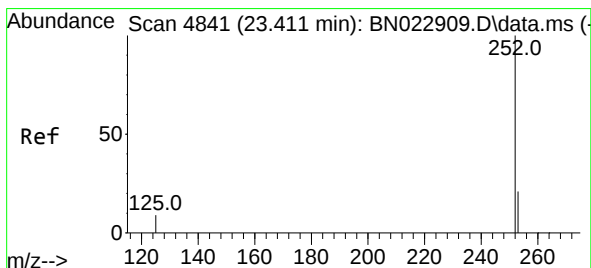
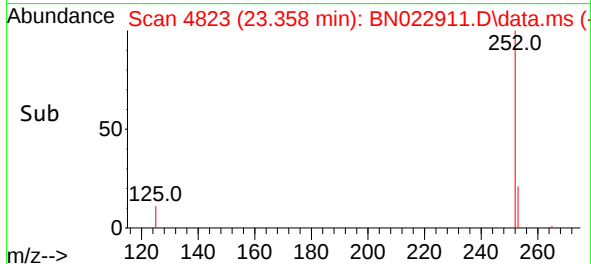
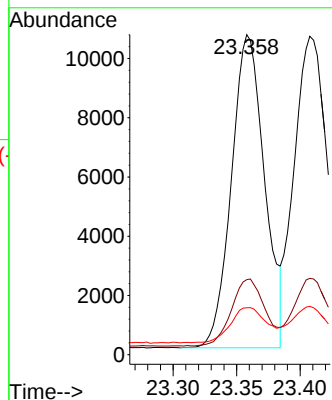
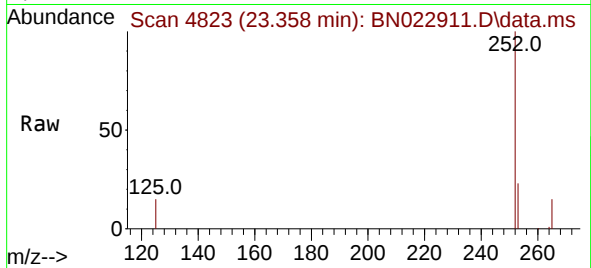




#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.358 min Scan# 4823
Delta R.T. -0.006 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

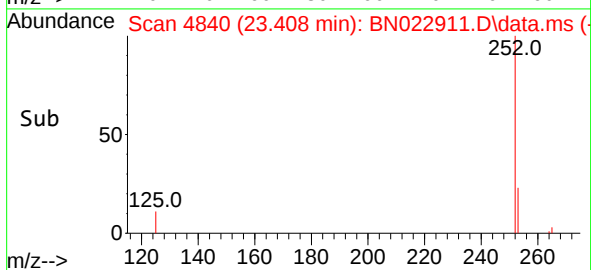
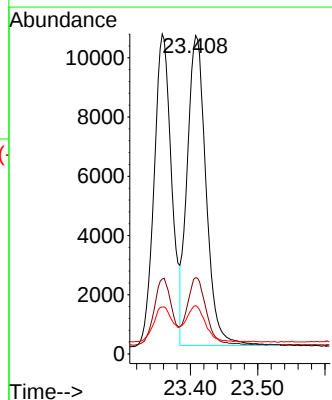
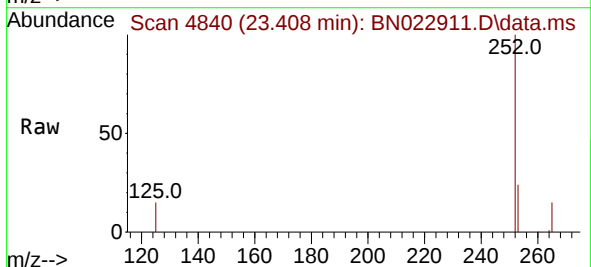
Instrument :
BNA_N
ClientSampleId :

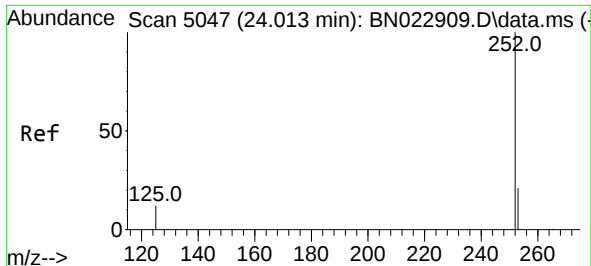
Tgt Ion:252 Resp: 19157
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.0
125 14.6 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.408 min Scan# 4840
Delta R.T. -0.006 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

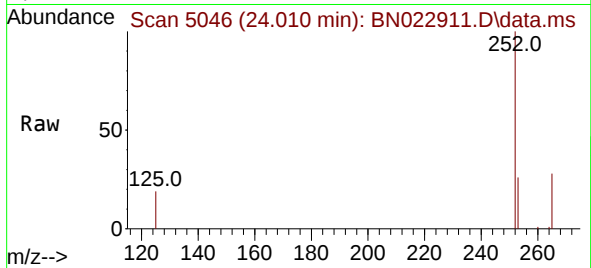
Tgt Ion:252 Resp: 20359
Ion Ratio Lower Upper
252 100
253 24.0 18.7 28.1
125 15.2 11.3 16.9



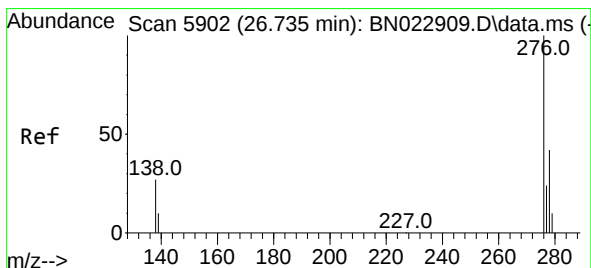
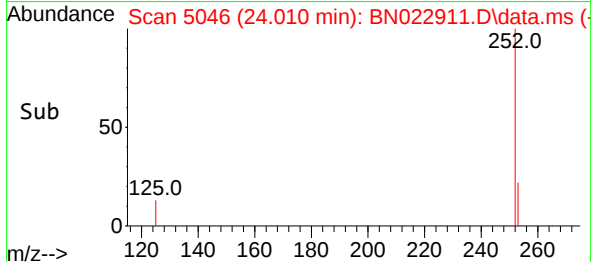
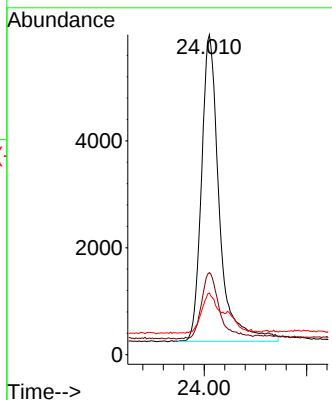


#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 24.010 min Scan# 5047
Delta R.T. -0.003 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :

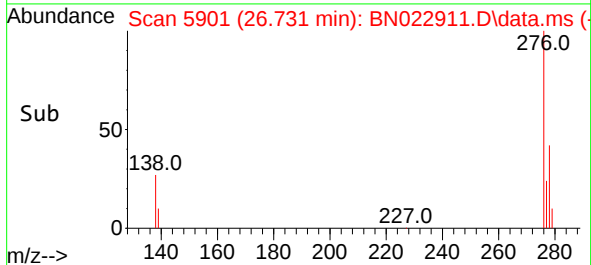
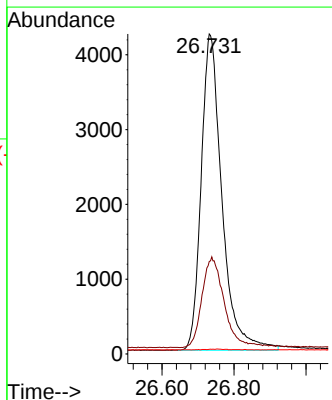
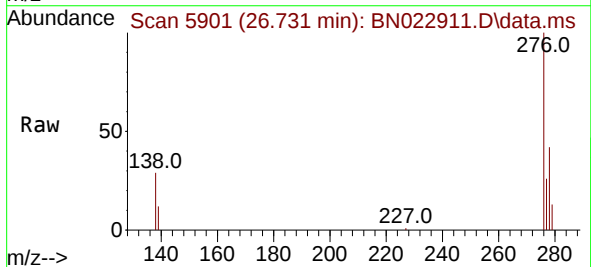


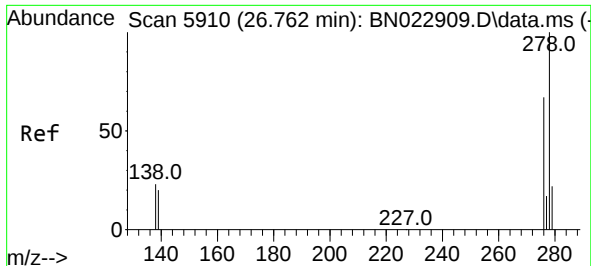
Tgt Ion:252 Resp: 13867
Ion Ratio Lower Upper
252 100
253 25.6 19.7 29.5
125 19.2 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 26.731 min Scan# 5901
Delta R.T. -0.010 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:276 Resp: 16936
Ion Ratio Lower Upper
276 100
138 30.7 0.0 0.0#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.317 ng/ul

RT: 26.758 min Scan# 5910

Delta R.T. -0.003 min

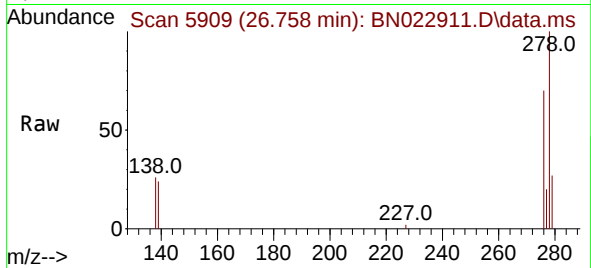
Lab File: BN022911.D

Acq: 28 Nov 2022 10:04

Instrument :

BNA_N

ClientSampleId :



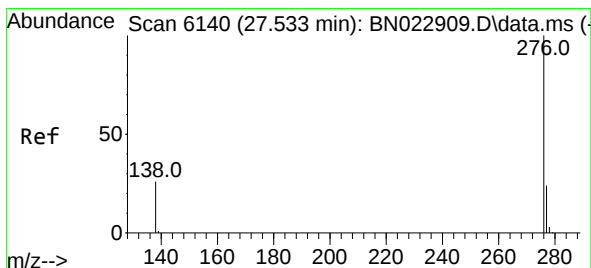
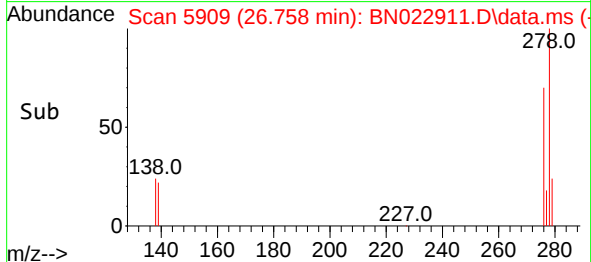
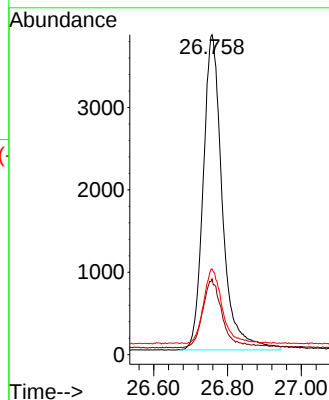
Tgt Ion:278 Resp: 13763

Ion Ratio Lower Upper

278 100

139 23.6 18.3 27.5

279 26.8 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.305 ng/ul

RT: 27.533 min Scan# 6140

Delta R.T. -0.007 min

Lab File: BN022911.D

Acq: 28 Nov 2022 10:04

Tgt Ion:276 Resp: 14554

Ion Ratio Lower Upper

276 100

138 27.7 22.1 33.1

277 24.9 19.4 29.2

