

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026922.D
 Acq On : 16 Aug 2023 04:37
 Operator : MA/JU
 Sample : PB154774BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS774

Quant Time: Aug 16 05:17:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

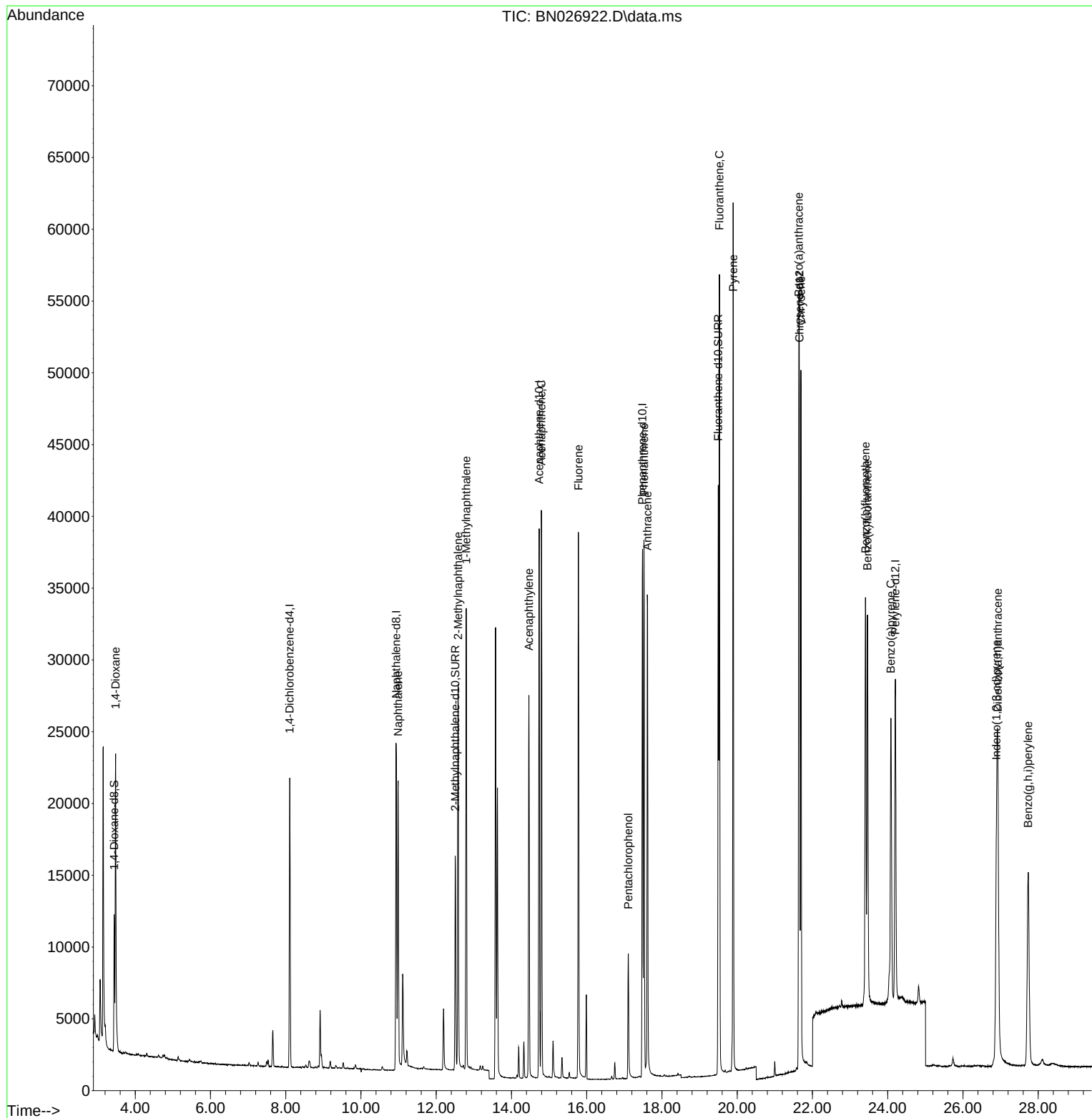
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	10241	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	33758	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	20773	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	44078	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	36825	0.400	ng/ul	0.00
23) Perylene-d12	24.202	264	33882	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	6969	0.573	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	19897	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	44443	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	15874	1.279	ng/ul	93
5) Naphthalene	10.988	128	28233	0.296	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	19667	0.340	ng/ul	100
8) 1-Methylnaphthalene	12.797	142	21513	0.356	ng/ul	100
10) Acenaphthylene	14.462	152	30646	0.263	ng/ul	99
11) Acenaphthene	14.795	153	22599	0.281	ng/ul	98
12) Fluorene	15.781	166	25344	0.278	ng/ul	98
14) Pentachlorophenol	17.105	266	6294	0.505	ng/ul	99
15) Phenanthrene	17.523	178	40600	0.280	ng/ul	100
16) Anthracene	17.612	178	36982	0.283	ng/ul	100
19) Fluoranthene	19.525	202	47988	0.314	ng/ul	97
20) Pyrene	19.892	202	49955	0.306	ng/ul	98
21) Benzo(a)anthracene	21.636	228	44431	0.303	ng/ul	100
22) Chrysene	21.691	228	43596	0.302	ng/ul	99
24) Benzo(b)fluoranthene	23.410	252	40709	0.318	ng/ul	96
25) Benzo(k)fluoranthene	23.462	252	40439	0.320	ng/ul#	95
26) Benzo(a)pyrene	24.085	252	35166	0.304	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.891	276	40934	0.271	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.928	278	33092	0.274	ng/ul	97
29) Benzo(g,h,i)perylene	27.733	276	33510	0.266	ng/ul	98

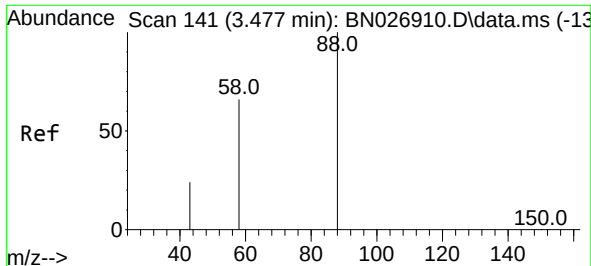
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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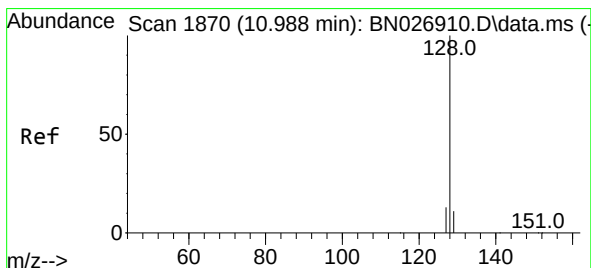
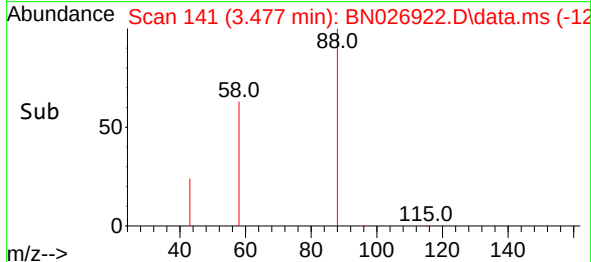
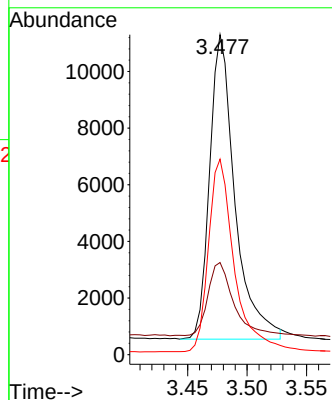
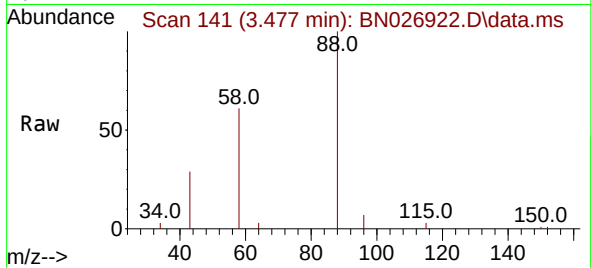




#2
1,4-Dioxane
Concen: 1.279 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. 0.004 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

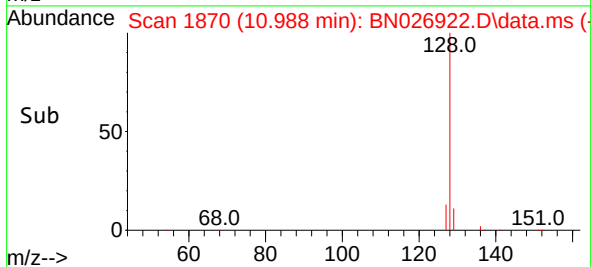
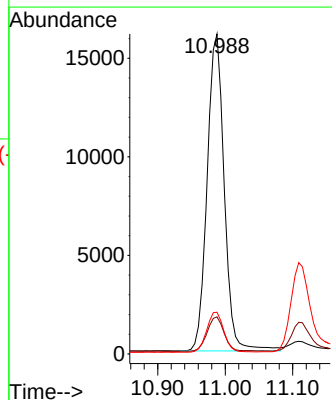
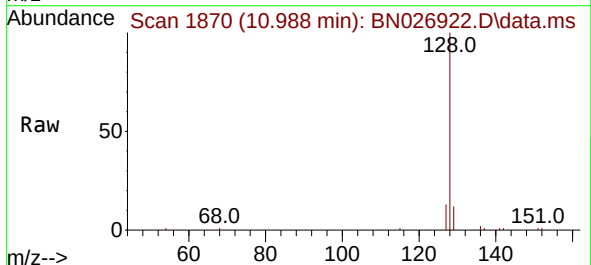
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SLCS774

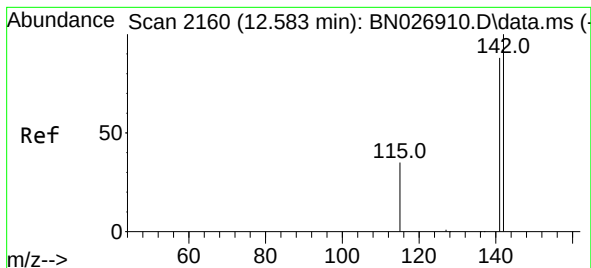
Tgt Ion: 88 Resp: 15874
Ion Ratio Lower Upper
88 100
43 28.8 28.0 42.0
58 61.1 46.0 69.0



#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion: 128 Resp: 28233
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.0 10.5 15.7

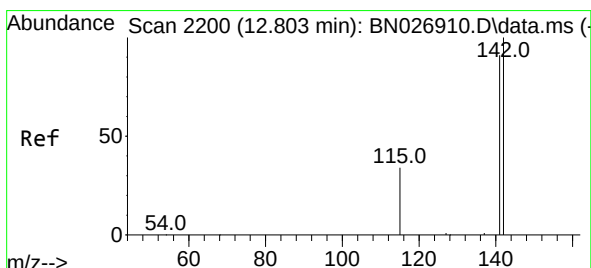
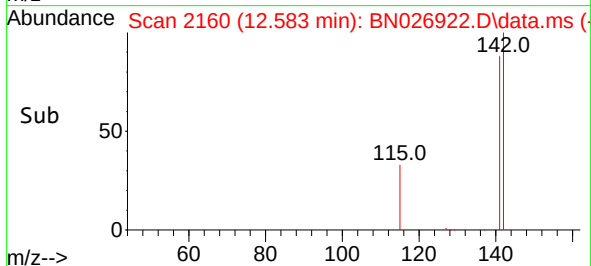
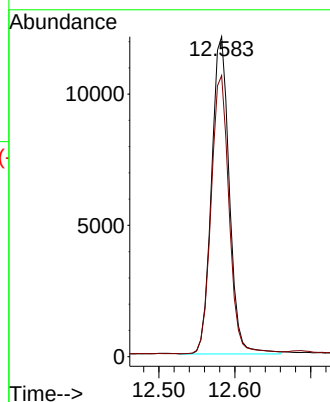
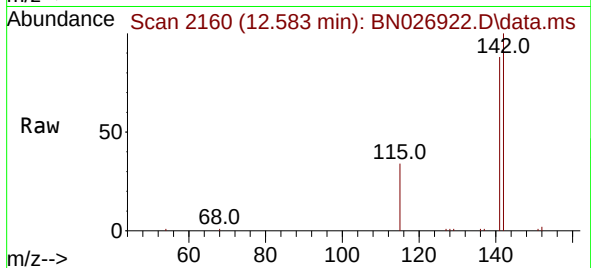




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

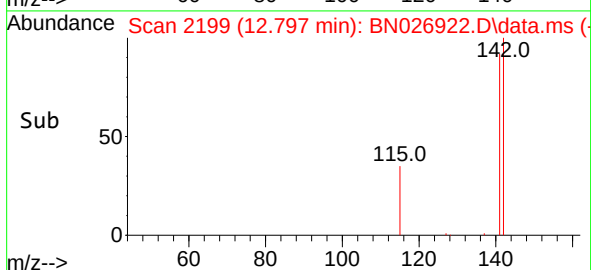
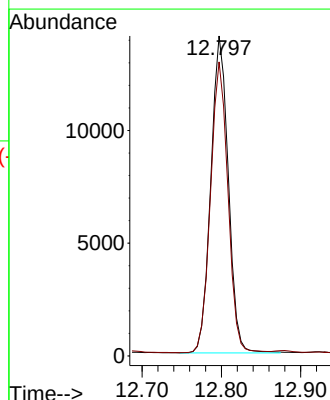
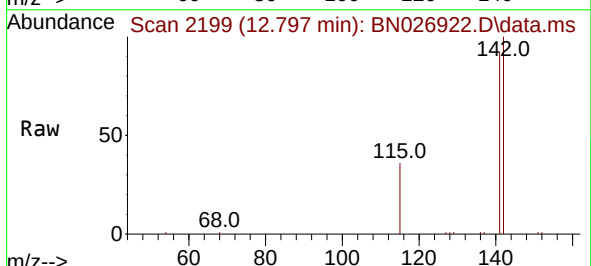
Instrument :
BNA_N
ClientSampleId :
SLCS774

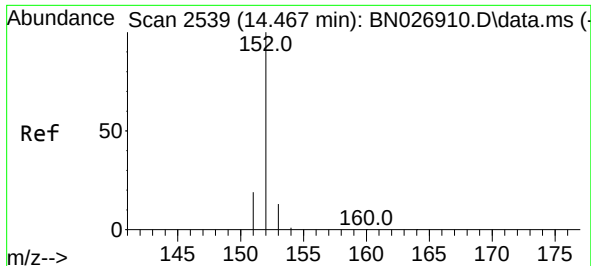
Tgt Ion:142 Resp: 19667
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.797 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion:142 Resp: 21513
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8

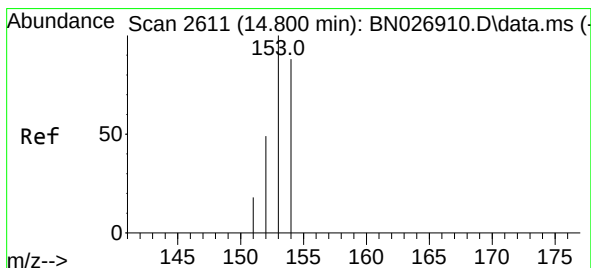
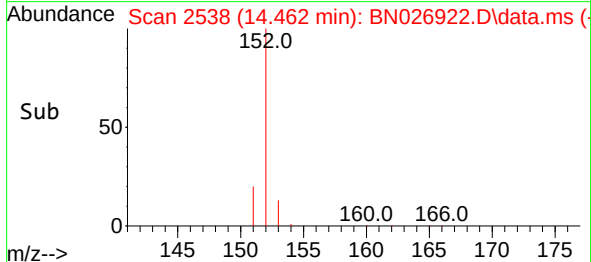
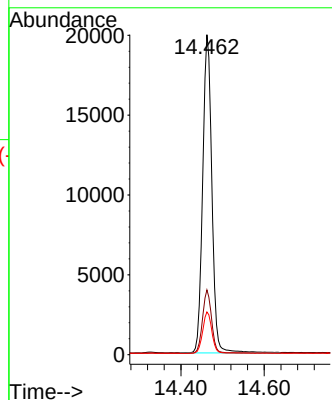
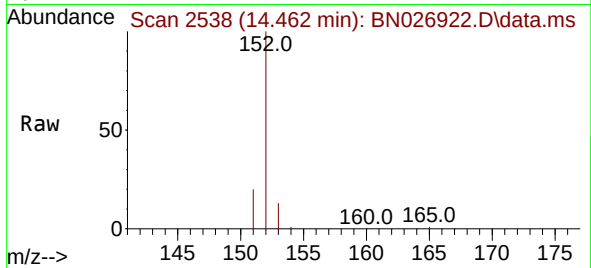




#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

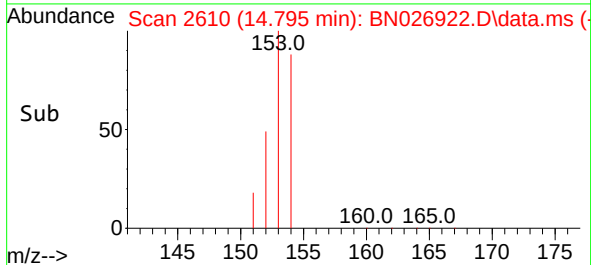
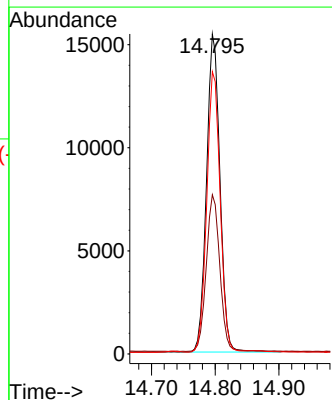
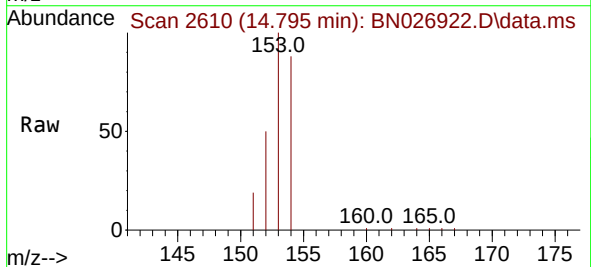
Instrument :
BNA_N
ClientSampleId :
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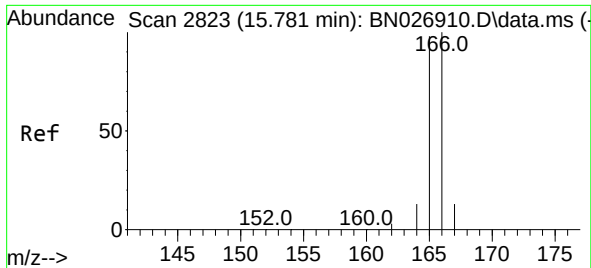
Tgt Ion:152 Resp: 30646
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 11.0 16.6



#11
Acenaphthene
Concen: 0.281 ng/ul
RT: 14.795 min Scan# 2610
Delta R.T. -0.004 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion:153 Resp: 22599
Ion Ratio Lower Upper
153 100
152 49.8 41.1 61.7
154 88.2 71.6 107.4

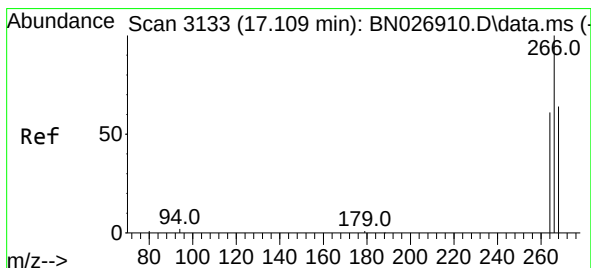
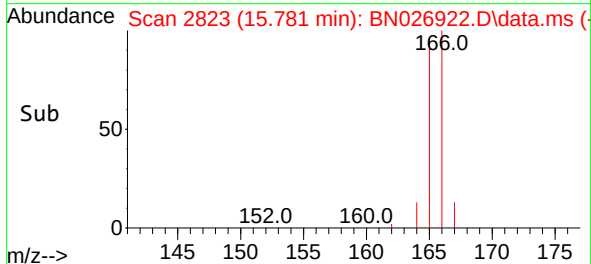
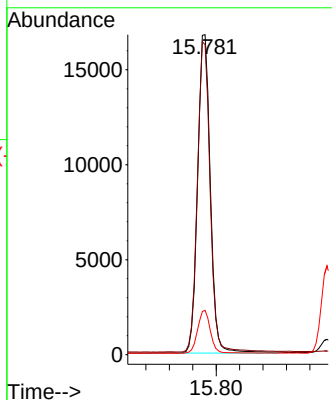
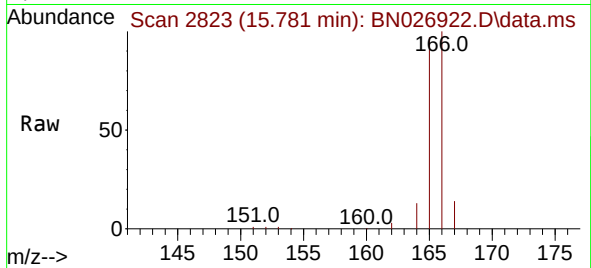




#12
Fluorene
Concen: 0.278 ng/ul
RT: 15.781 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

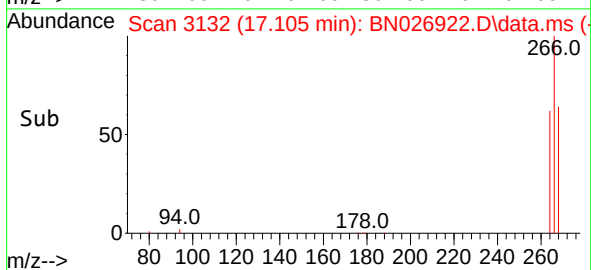
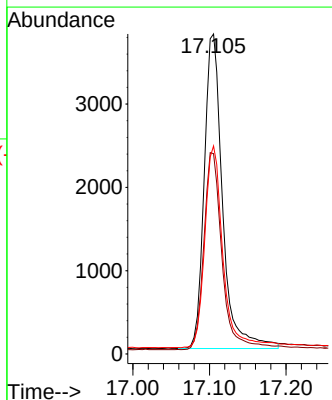
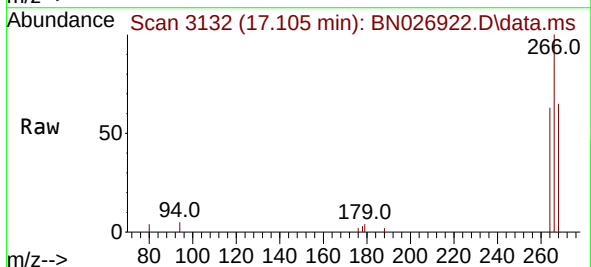
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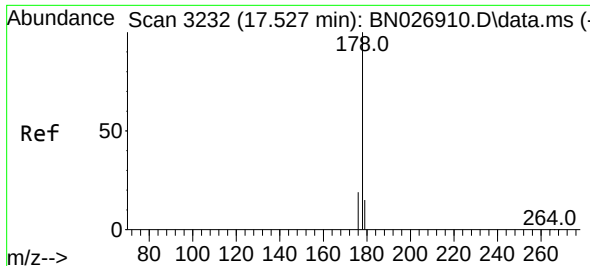
Tgt Ion:166 Resp: 25344
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.505 ng/ul
RT: 17.105 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion:266 Resp: 6294
Ion Ratio Lower Upper
266 100
264 62.3 50.4 75.6
268 63.8 51.2 76.8

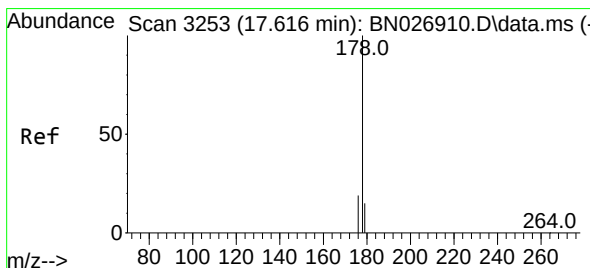
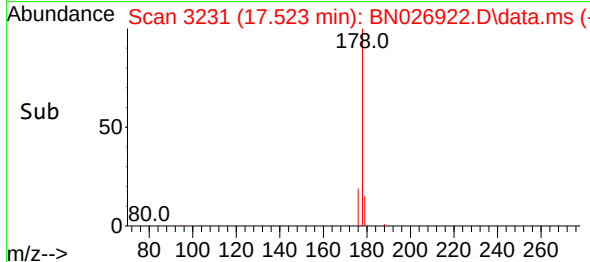
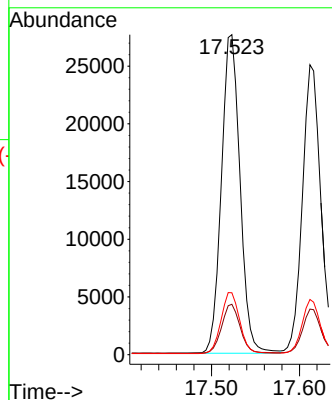
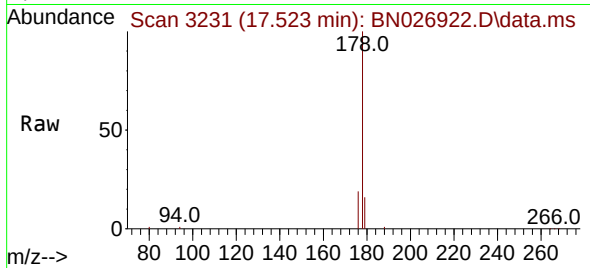




#15
Phenanthrene
Concen: 0.280 ng/u1
RT: 17.523 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

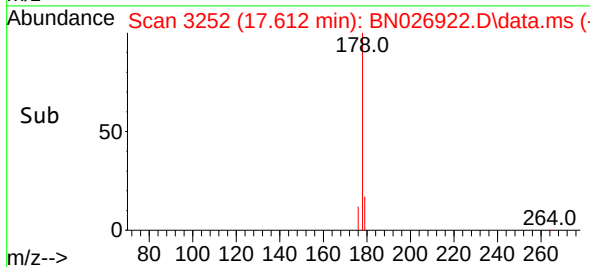
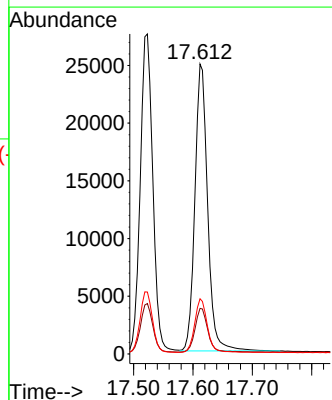
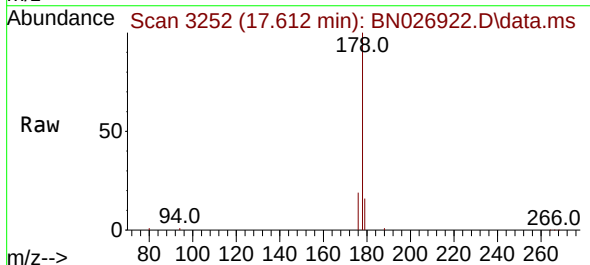
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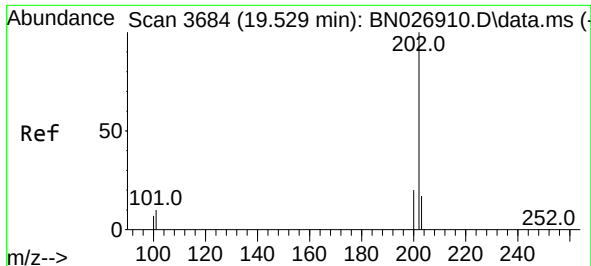
Tgt Ion:178 Resp: 40600
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.283 ng/u1
RT: 17.612 min Scan# 3252
Delta R.T. -0.004 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion:178 Resp: 36982
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.0 15.0 22.6

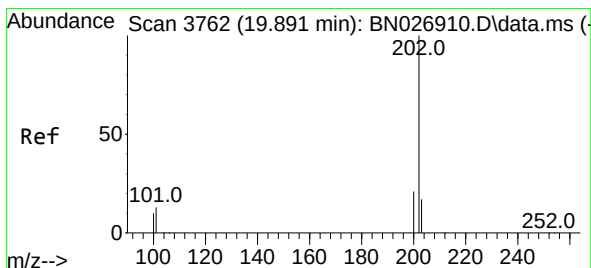
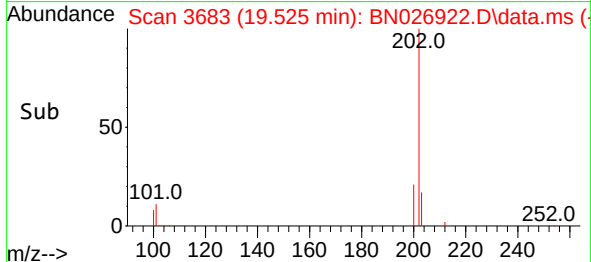
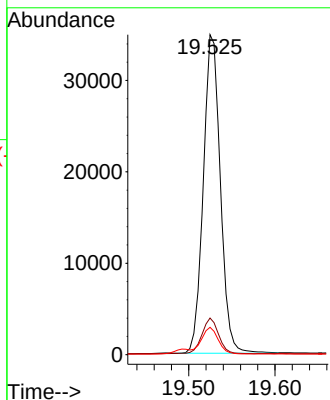
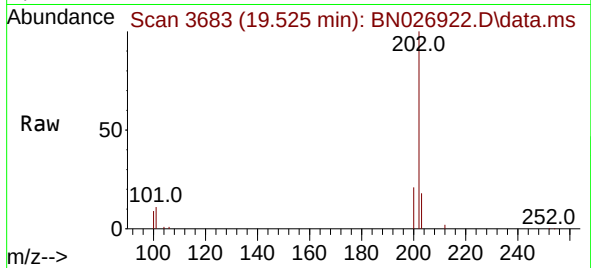




#19
Fluoranthene
Concen: 0.314 ng/ul
RT: 19.525 min Scan# 3683
Delta R.T. -0.005 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

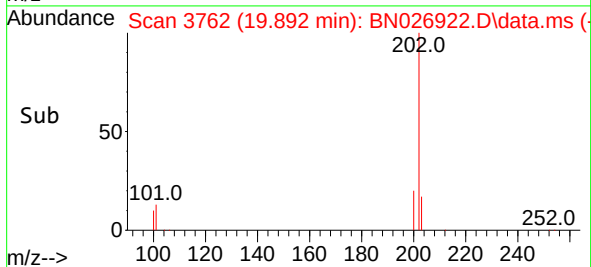
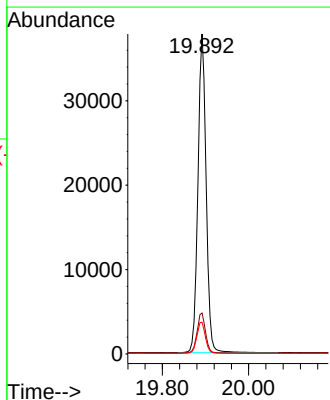
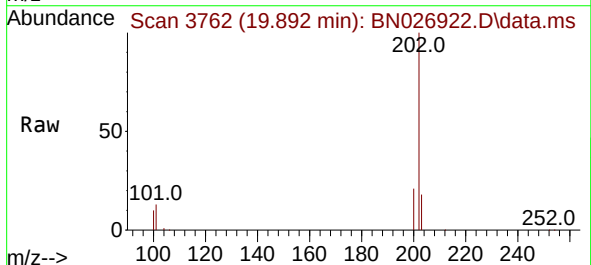
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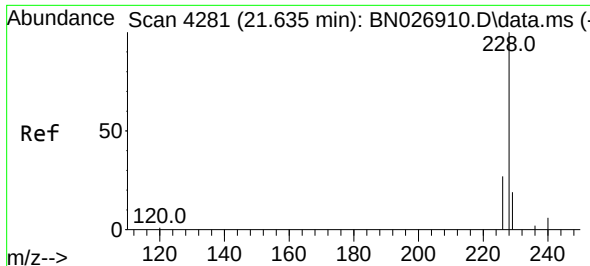
Tgt Ion:202 Resp: 47988
Ion Ratio Lower Upper
202 100
101 11.4 8.3 12.5
100 8.5 6.2 9.2



#20
Pyrene
Concen: 0.306 ng/ul
RT: 19.892 min Scan# 3762
Delta R.T. -0.004 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion:202 Resp: 49955
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 9.9 8.5 12.7

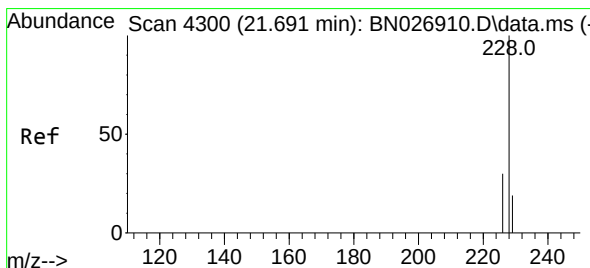
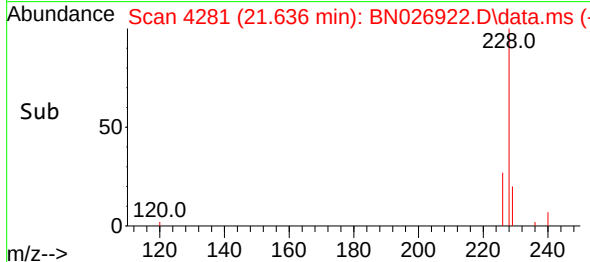
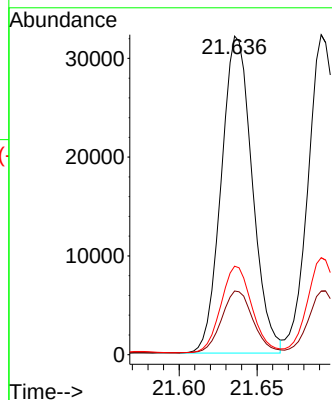
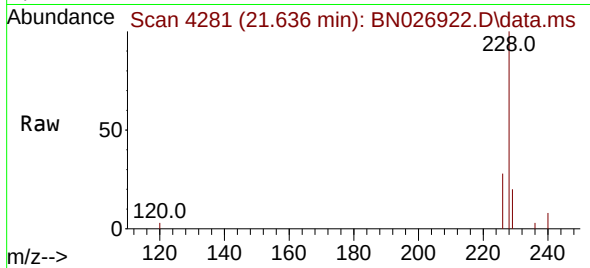




#21
Benzo(a)anthracene
Concen: 0.303 ng/ul
RT: 21.636 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

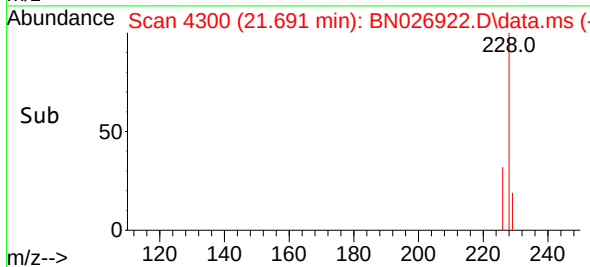
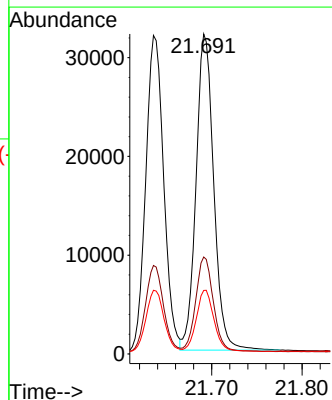
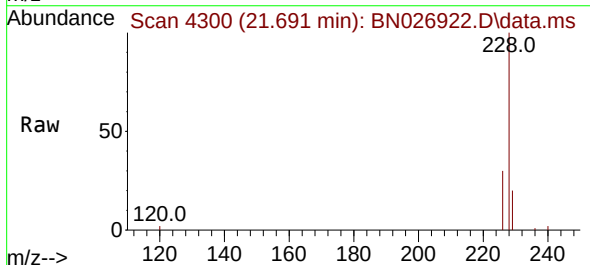
Instrument :
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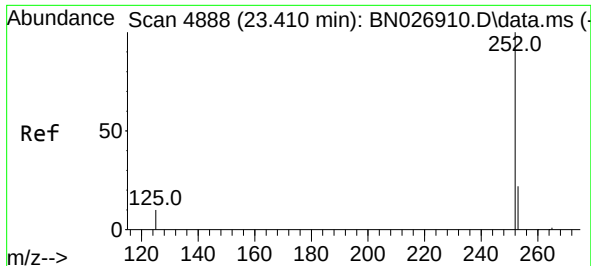
Tgt Ion:228 Resp: 44431
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.009 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion:228 Resp: 43596
Ion Ratio Lower Upper
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226 30.3 24.6 36.8
229 19.9 15.8 23.6

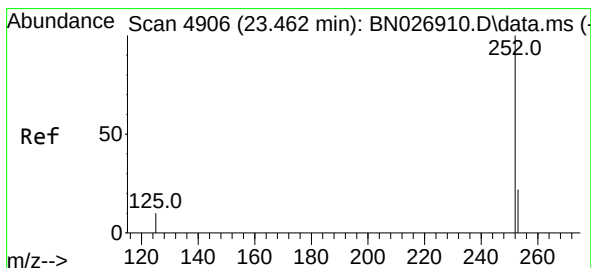
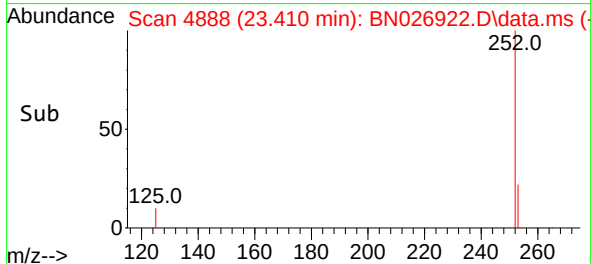
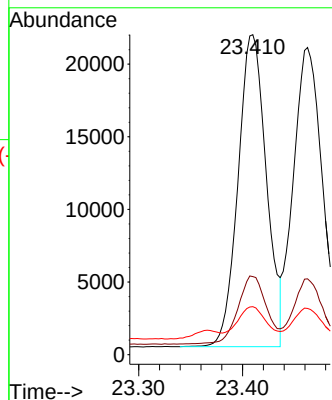
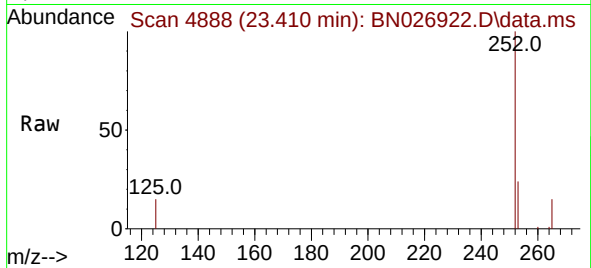




#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 23.410 min Scan# 4888
Delta R.T. -0.012 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

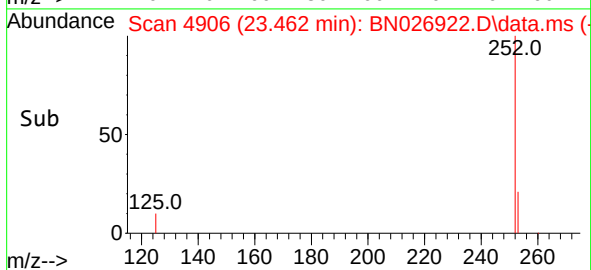
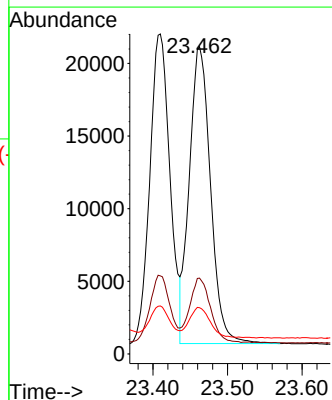
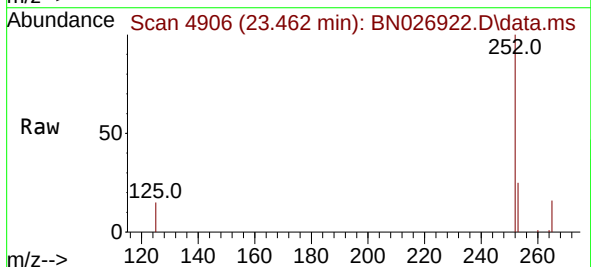
Instrument :
BNA_N
ClientSampleId :
SLCS774

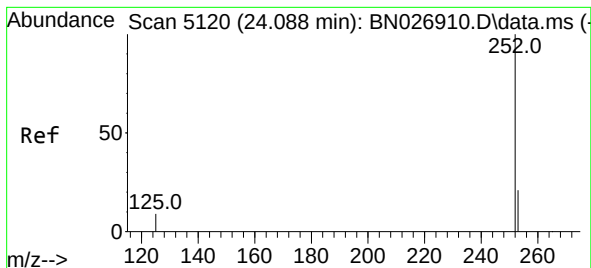
Tgt Ion:252 Resp: 40709
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.8
125 15.0 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.320 ng/ul
RT: 23.462 min Scan# 4906
Delta R.T. -0.012 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion:252 Resp: 40439
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.4
125 15.0 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.304 ng/ul

RT: 24.085 min Scan# 5119

Delta R.T. -0.014 min

Lab File: BN026922.D

Acq: 16 Aug 2023 04:37

Instrument :

BNA_N

ClientSampleId :

SLCS774

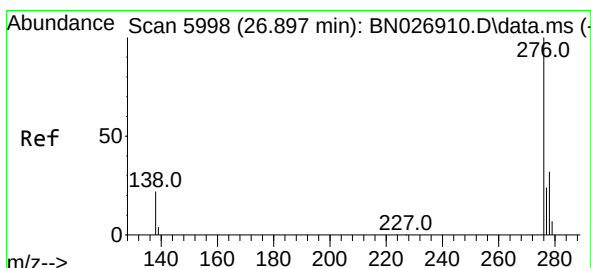
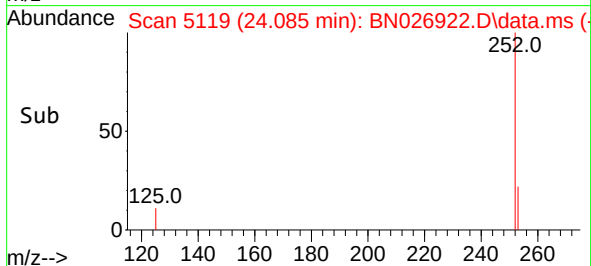
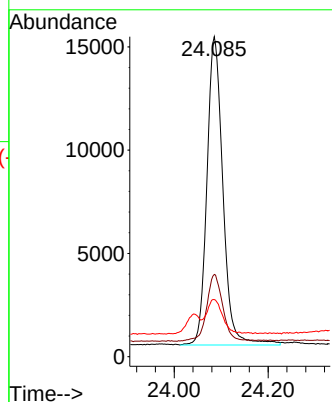
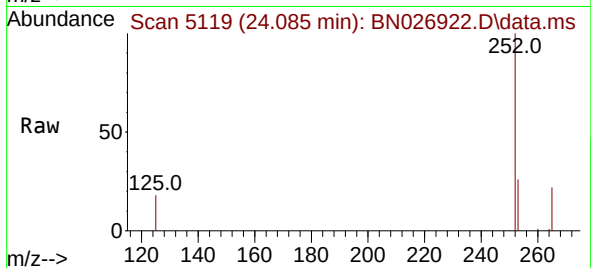
Tgt Ion:252 Resp: 35166

Ion Ratio Lower Upper

252 100

253 25.7 19.0 28.6

125 17.9 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.271 ng/ul

RT: 26.891 min Scan# 5996

Delta R.T. -0.017 min

Lab File: BN026922.D

Acq: 16 Aug 2023 04:37

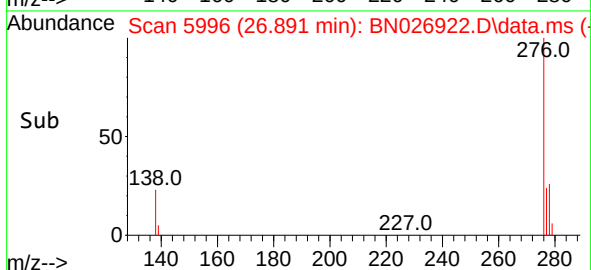
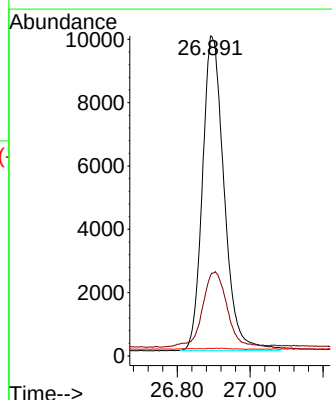
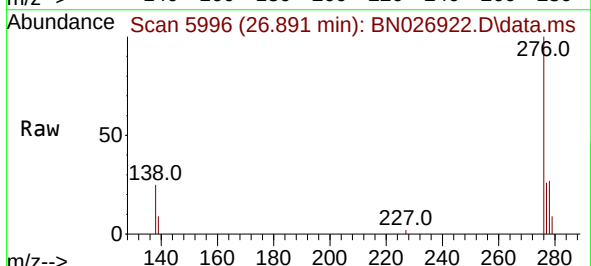
Tgt Ion:276 Resp: 40934

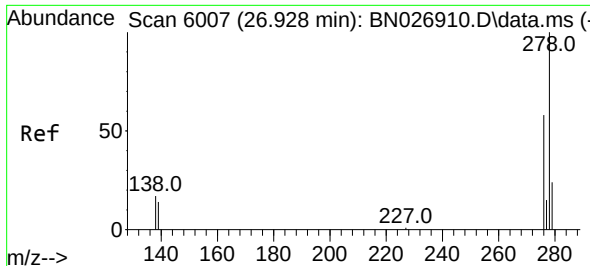
Ion Ratio Lower Upper

276 100

138 0.0 21.6 32.4#

227 0.1 0.0 0.0#

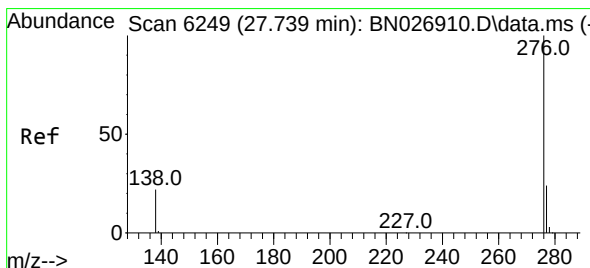
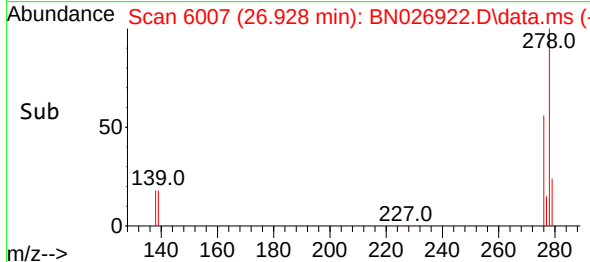
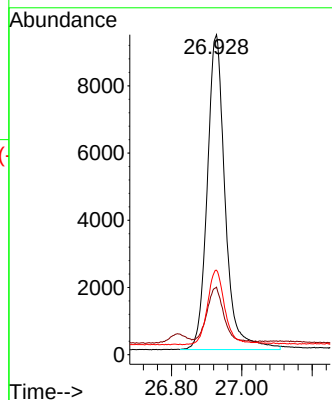
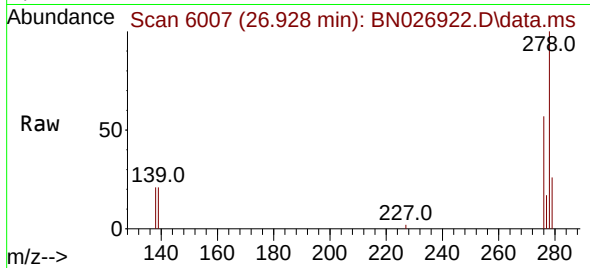




#28
Dibenzo(a,h)anthracene
Concen: 0.274 ng/ul
RT: 26.928 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Instrument :
BNA_N
ClientSampleId :
SLCS774

Tgt Ion:278 Resp: 33092
Ion Ratio Lower Upper
278 100
139 21.1 15.7 23.5
279 26.4 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.266 ng/ul
RT: 27.733 min Scan# 6247
Delta R.T. -0.013 min
Lab File: BN026922.D
Acq: 16 Aug 2023 04:37

Tgt Ion:276 Resp: 33510
Ion Ratio Lower Upper
276 100
138 25.1 19.3 28.9
277 25.4 19.8 29.8

