

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027940.D
 Acq On : 28 Sep 2023 23:43
 Operator : MA/JU
 Sample : PB155818BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS818

Quant Time: Sep 29 04:01:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

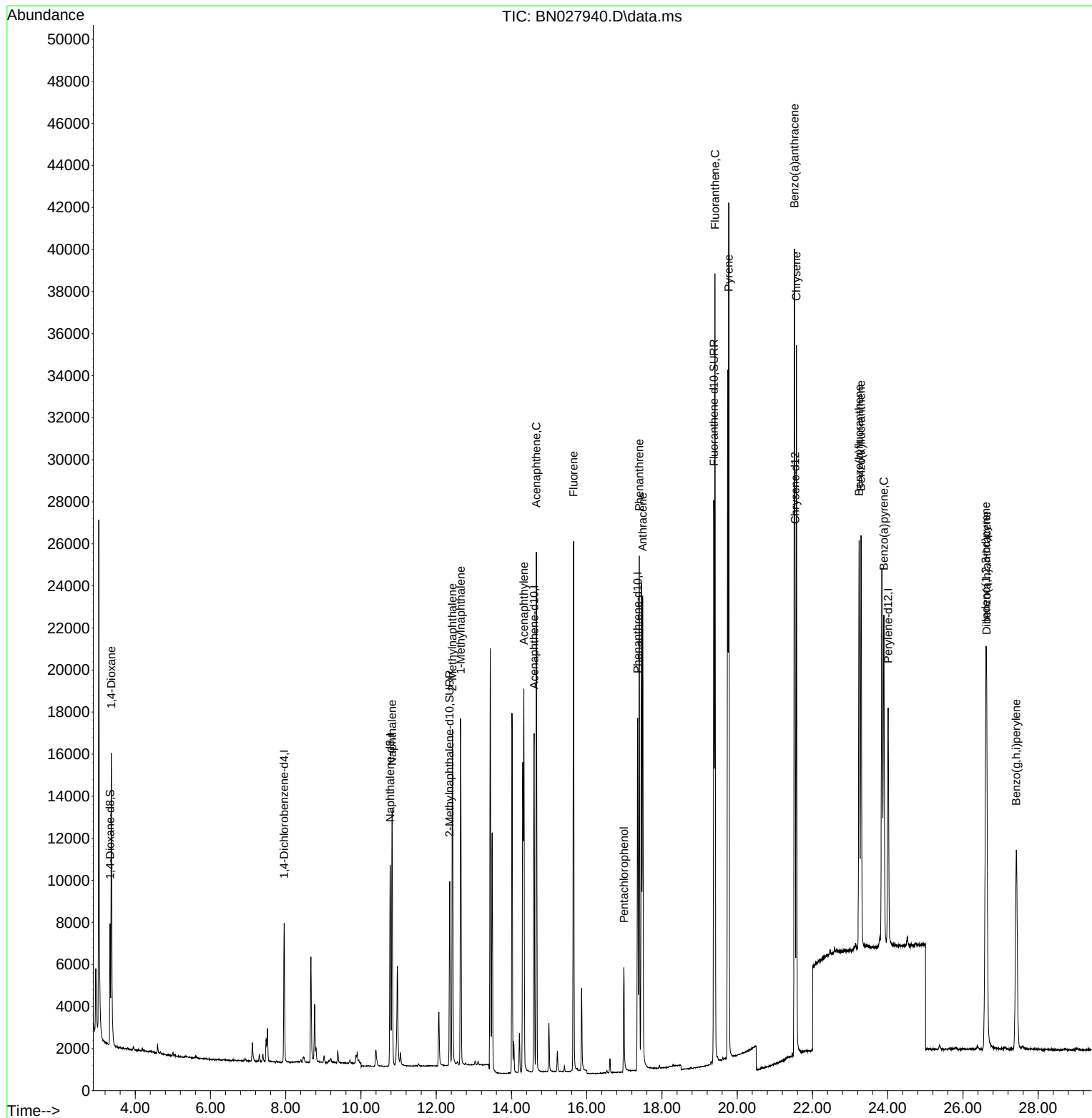
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3395	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	13380	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	8923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	19936	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17630	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	15959	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3989	0.933	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	11426	0.564	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	29133	0.541	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	10296	2.313	ng/ul#	85
5) Naphthalene	10.828	128	16726	0.437	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	11690	0.482	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	11502	0.460	ng/ul	99
10) Acenaphthylene	14.328	152	19544	0.501	ng/ul	100
11) Acenaphthene	14.661	153	13890	0.412	ng/ul	98
12) Fluorene	15.651	166	16023	0.404	ng/ul	100
14) Pentachlorophenol	16.987	266	3436	0.737	ng/ul	98
15) Phenanthrene	17.396	178	26033	0.416	ng/ul	99
16) Anthracene	17.485	178	25200	0.480	ng/ul	99
19) Fluoranthene	19.408	202	31468	0.441	ng/ul	99
20) Pyrene	19.776	202	32996	0.449	ng/ul	100
21) Benzo(a)anthracene	21.519	228	31078	0.456	ng/ul	99
22) Chrysene	21.574	228	29558	0.419	ng/ul	99
24) Benzo(b)fluoranthene	23.240	252	27101	0.381	ng/ul	95
25) Benzo(k)fluoranthene	23.290	252	27337	0.396	ng/ul	95
26) Benzo(a)pyrene	23.895	252	24632	0.431	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.609	276	27652	0.377	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.629	278	22792	0.386	ng/ul	97
29) Benzo(g,h,i)perylene	27.418	276	22323	0.359	ng/ul	98

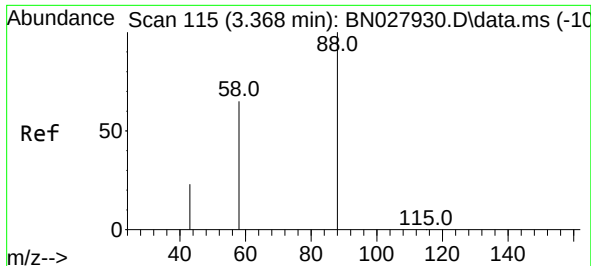
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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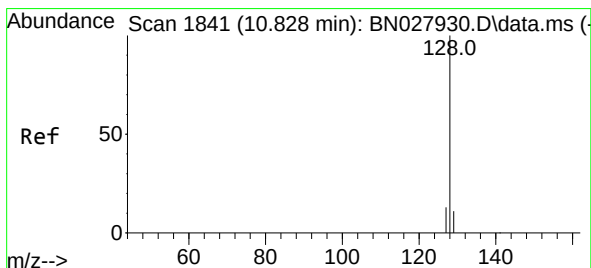
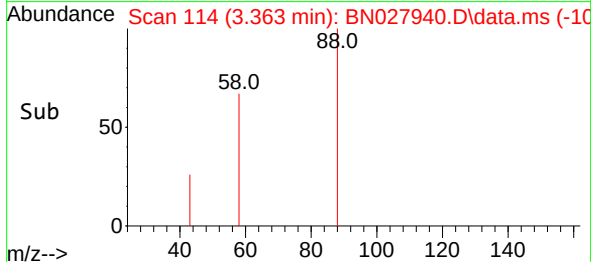
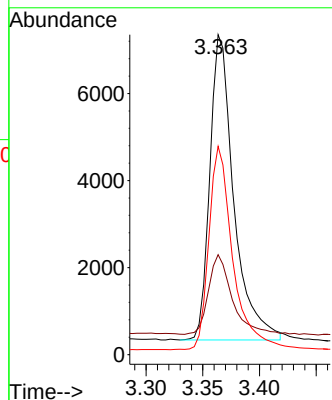
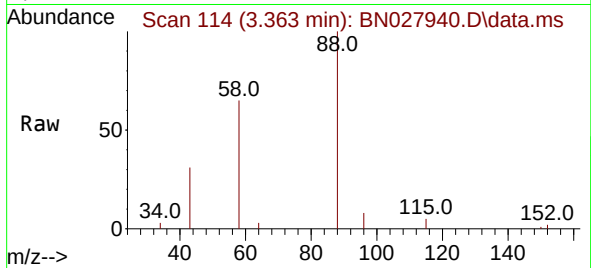




#2
1,4-Dioxane
Concen: 2.313 ng/ul
RT: 3.363 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

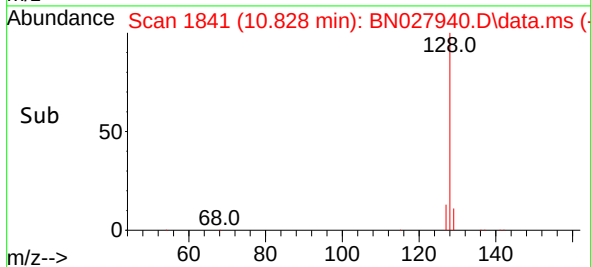
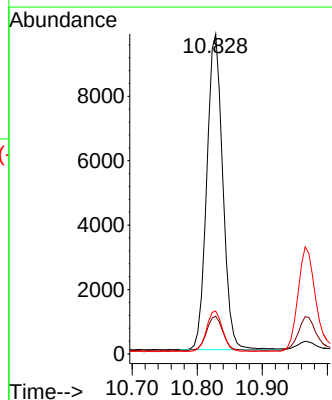
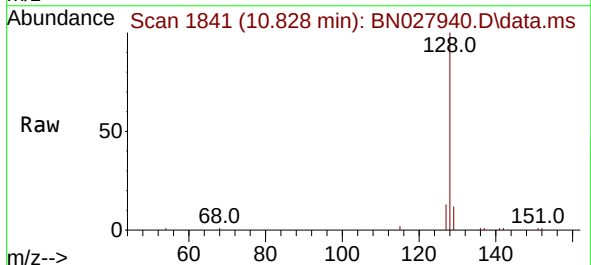
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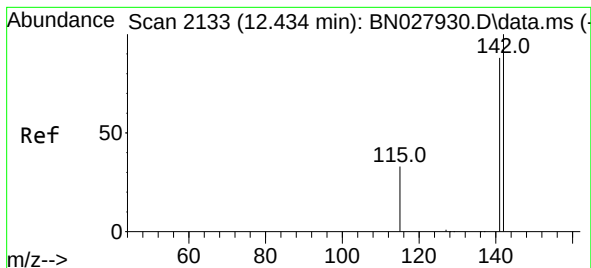
Tgt Ion: 88 Resp: 10296
Ion Ratio Lower Upper
88 100
43 31.3 39.6 59.4#
58 65.1 48.3 72.5



#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Tgt Ion:128 Resp: 16726
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.4 10.7 16.1

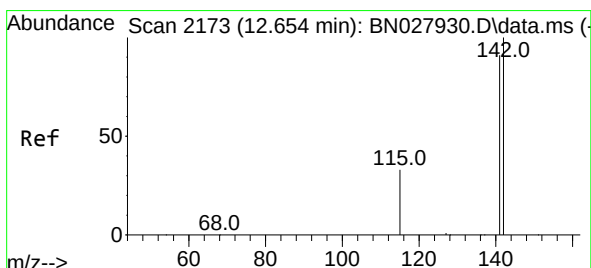
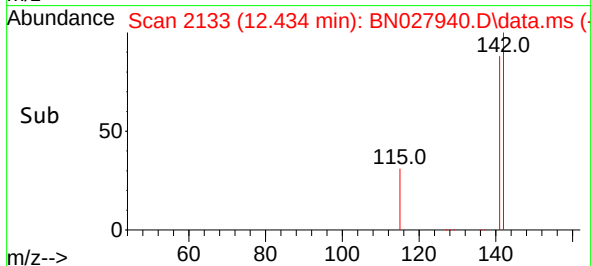
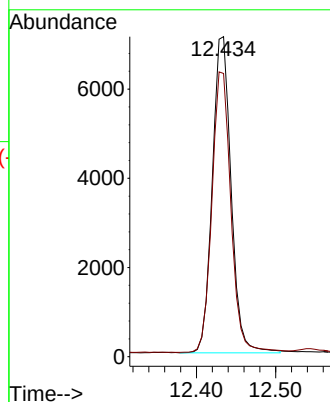
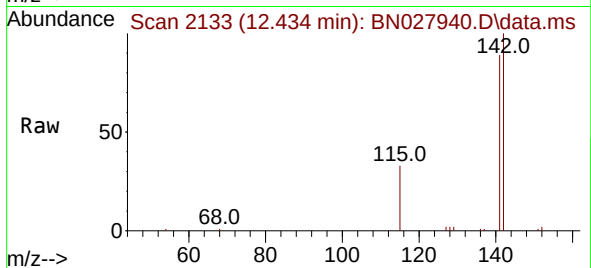




#7
2-Methylnaphthalene
Concen: 0.482 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

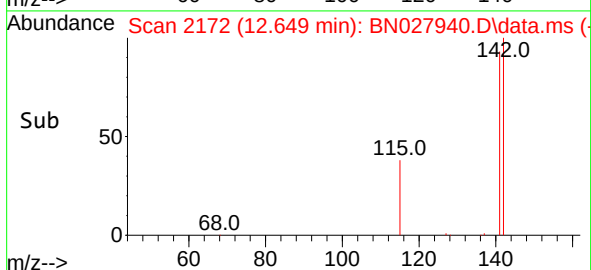
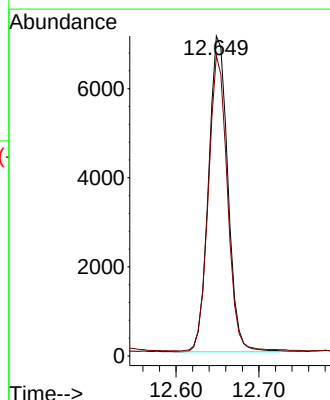
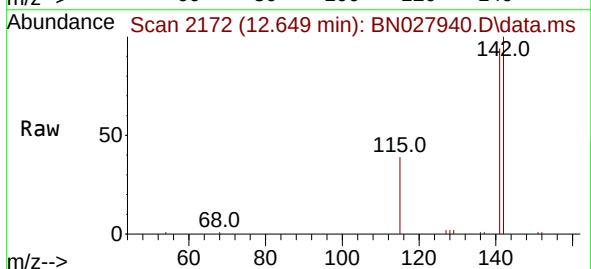
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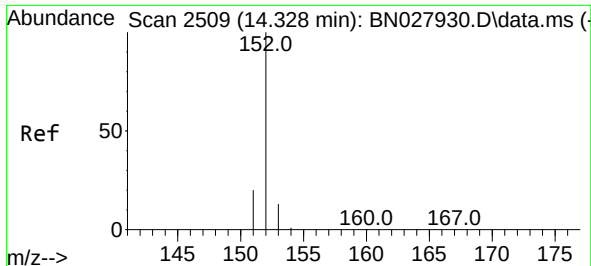
Tgt Ion:142 Resp: 11690
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.460 ng/ul
RT: 12.649 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Tgt Ion:142 Resp: 11502
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2

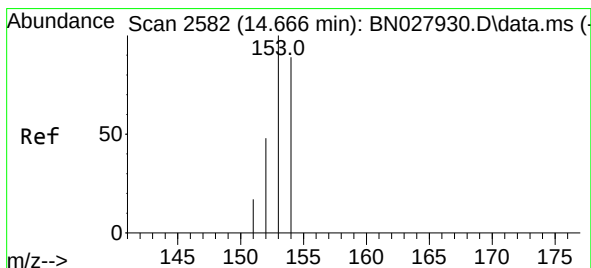
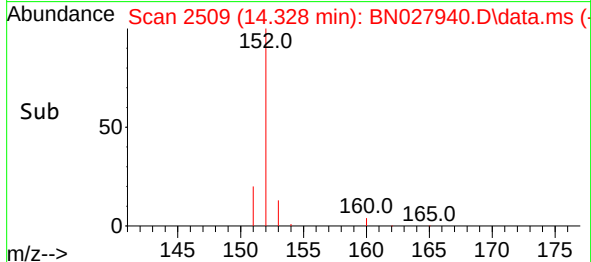
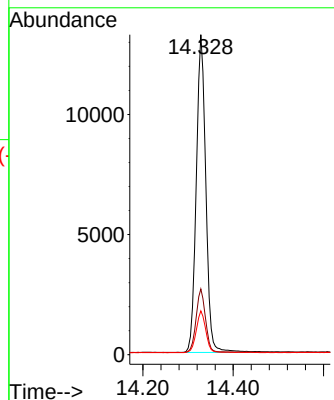
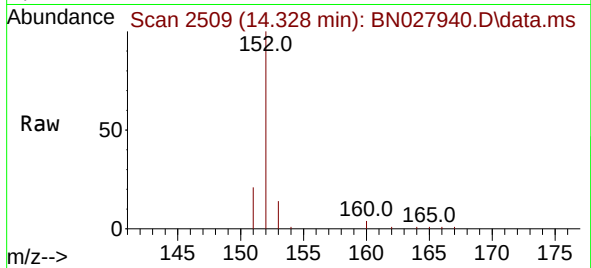




#10
Acenaphthylene
Concen: 0.501 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

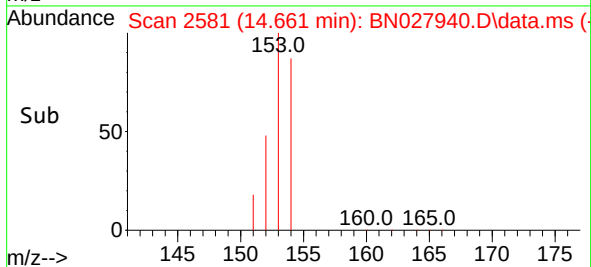
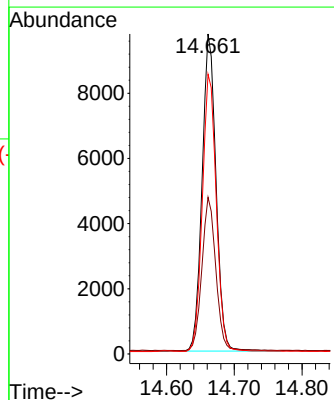
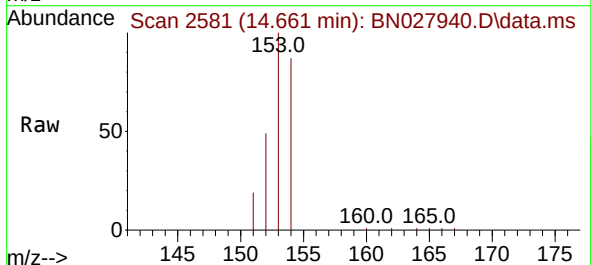
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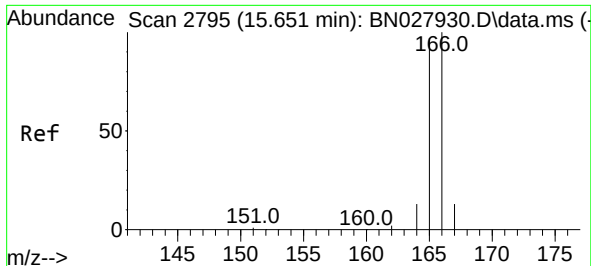
Tgt Ion:152 Resp: 19544
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0
153 13.7 11.0 16.6



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.005 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Tgt Ion:153 Resp: 13890
Ion Ratio Lower Upper
153 100
152 49.0 41.7 62.5
154 87.4 70.3 105.5

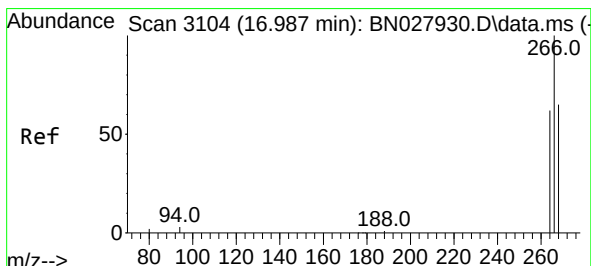
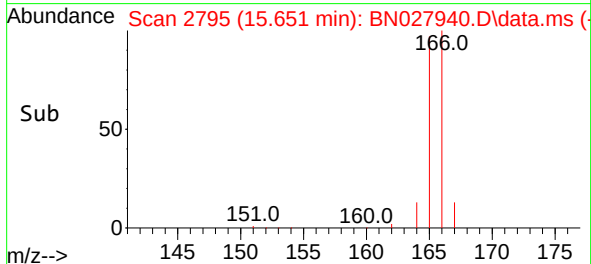
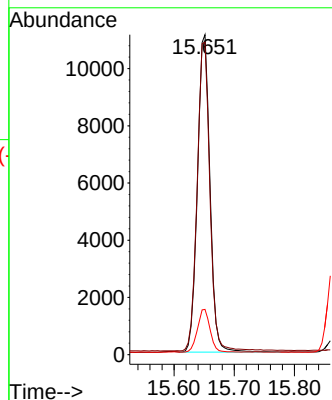
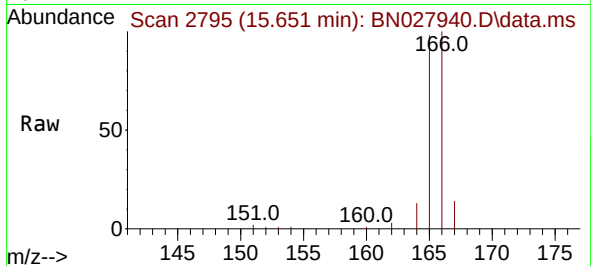




#12
 Fluorene
 Concen: 0.404 ng/ul
 RT: 15.651 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027940.D
 Acq: 28 Sep 2023 23:43

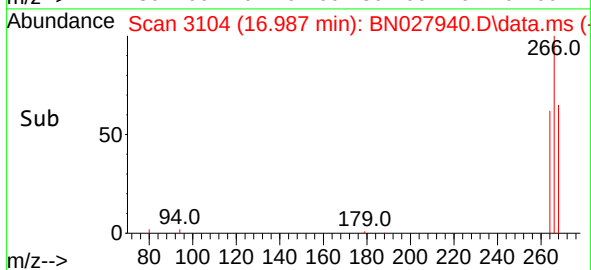
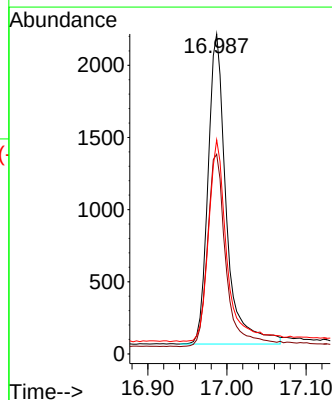
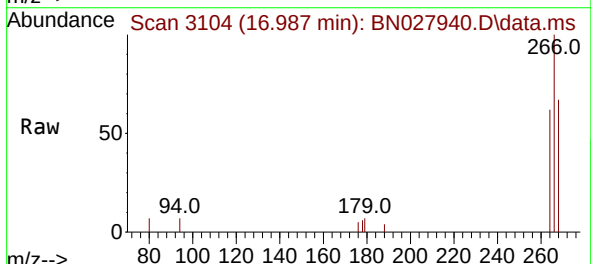
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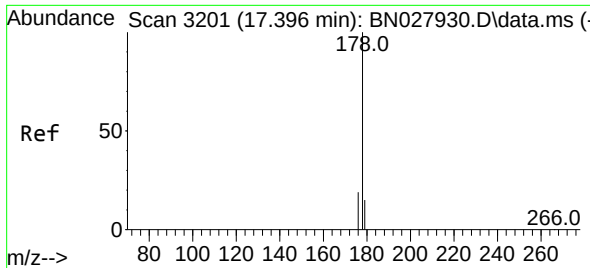
Tgt Ion:166 Resp: 16023
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.0 117.0
 167 14.1 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.737 ng/ul
 RT: 16.987 min Scan# 3104
 Delta R.T. 0.000 min
 Lab File: BN027940.D
 Acq: 28 Sep 2023 23:43

Tgt Ion:266 Resp: 3436
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.6 74.4
 268 65.7 50.7 76.1

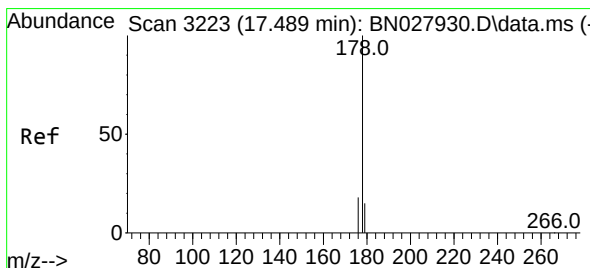
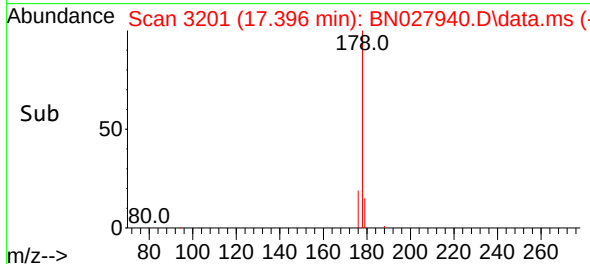
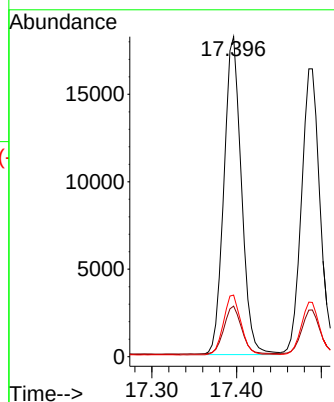
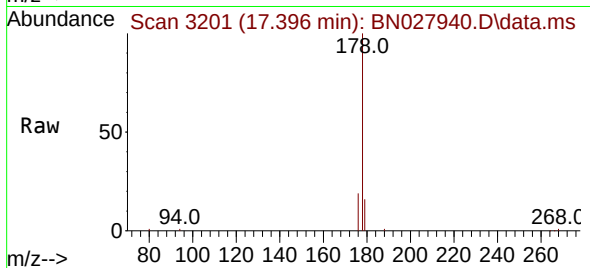




#15
Phenanthrene
Concen: 0.416 ng/u1
RT: 17.396 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

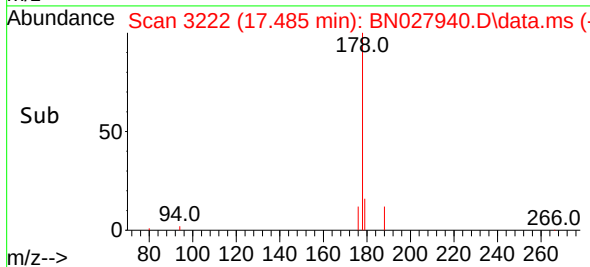
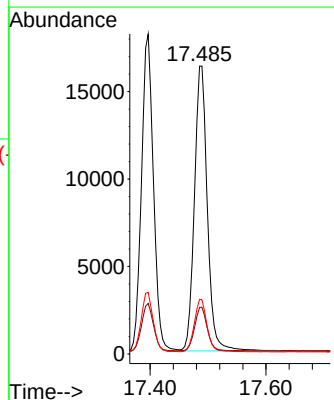
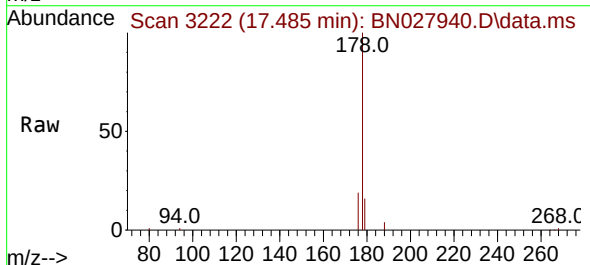
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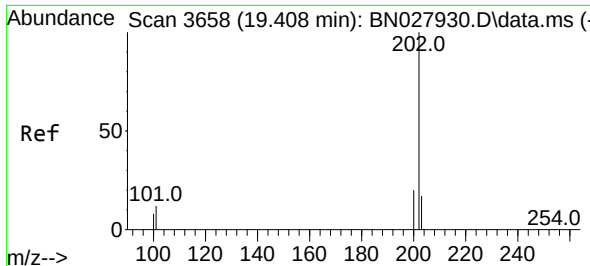
Tgt Ion:178 Resp: 26033
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 16.0 24.0



#16
Anthracene
Concen: 0.480 ng/u1
RT: 17.485 min Scan# 3222
Delta R.T. -0.004 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Tgt Ion:178 Resp: 25200
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 18.9 15.5 23.3

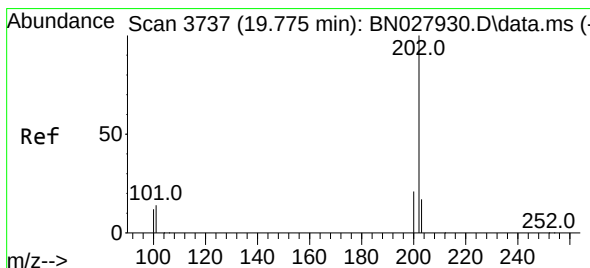
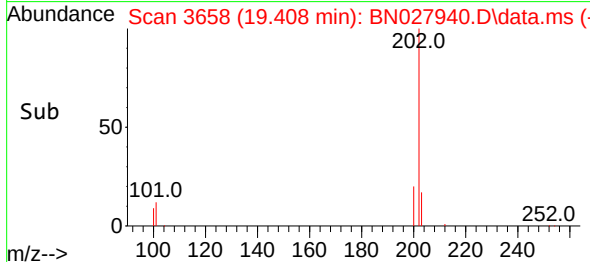
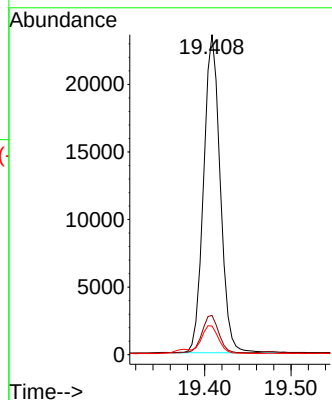
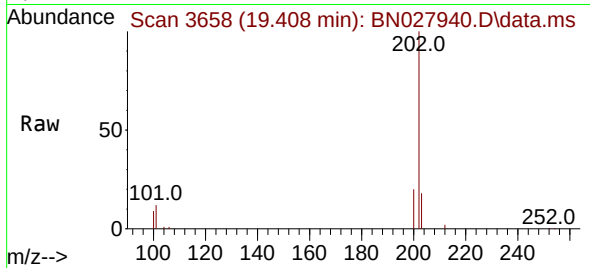




#19
Fluoranthene
Concen: 0.441 ng/u1
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

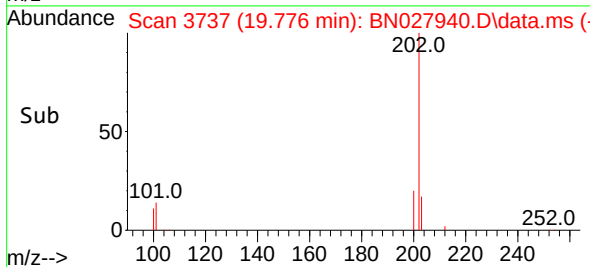
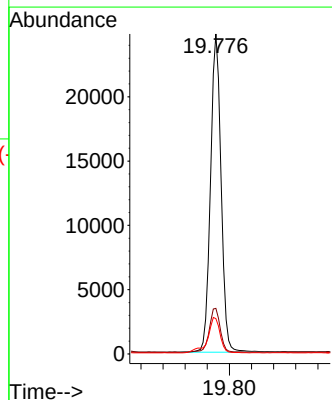
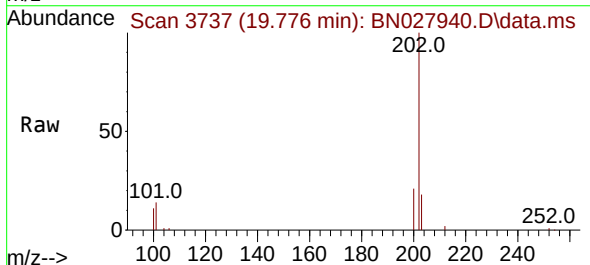
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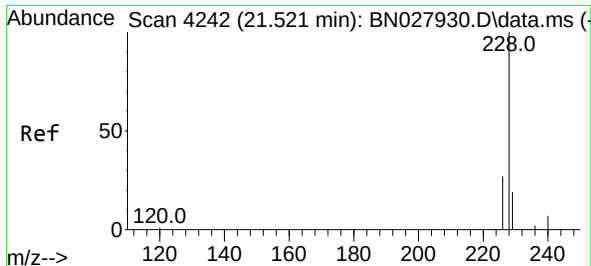
Tgt Ion:202 Resp: 31468
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.0 7.0 10.4



#20
Pyrene
Concen: 0.449 ng/u1
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Tgt Ion:202 Resp: 32996
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.0 9.1 13.7

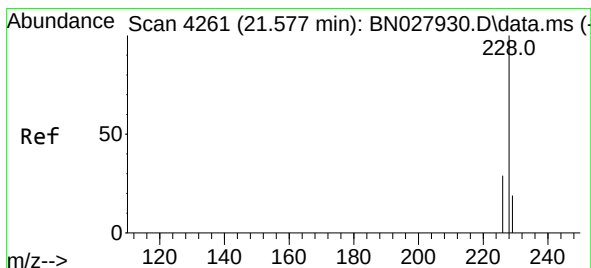
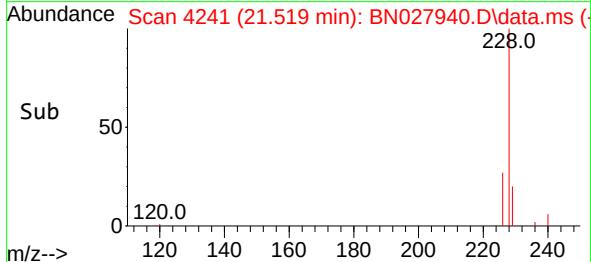
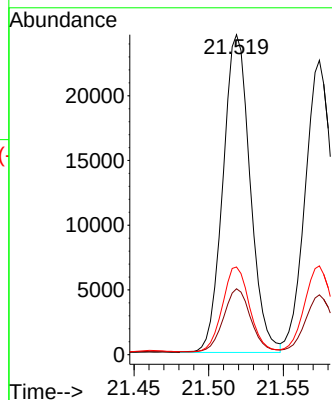
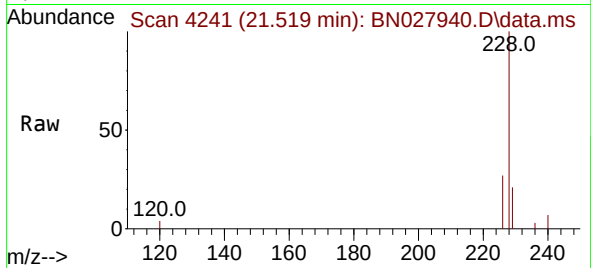




#21
Benzo(a)anthracene
Concen: 0.456 ng/ul
RT: 21.519 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

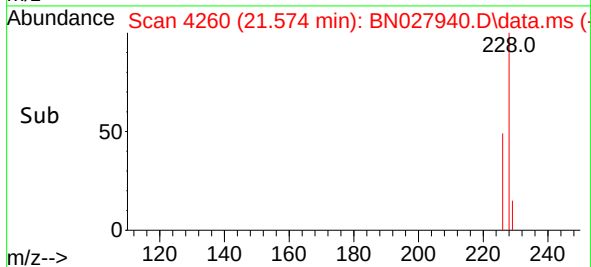
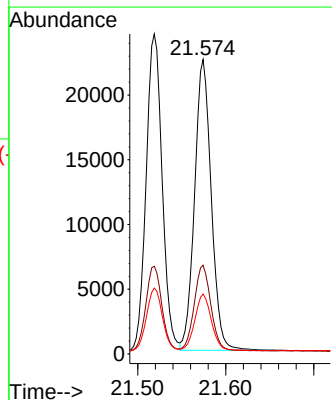
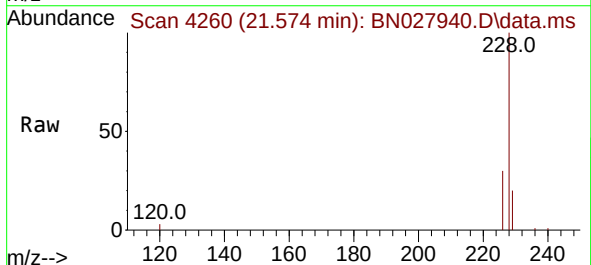
Instrument :
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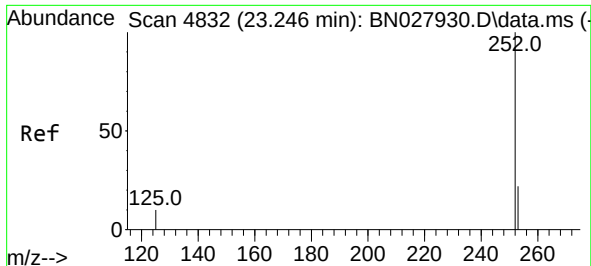
Tgt Ion:228 Resp: 31078
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Tgt Ion:228 Resp: 29558
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 20.3 16.0 24.0

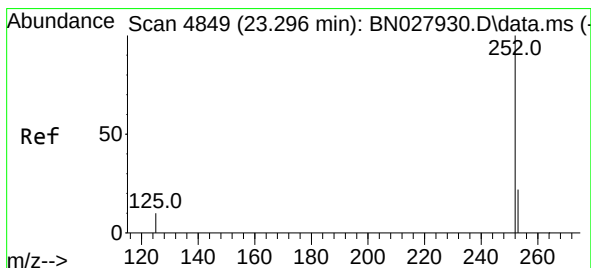
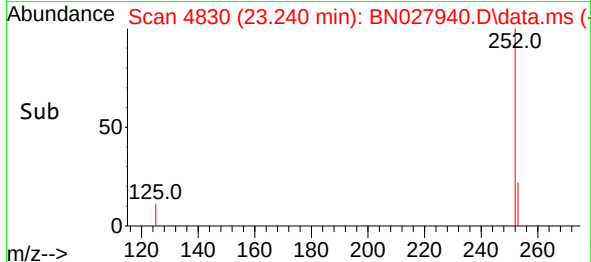
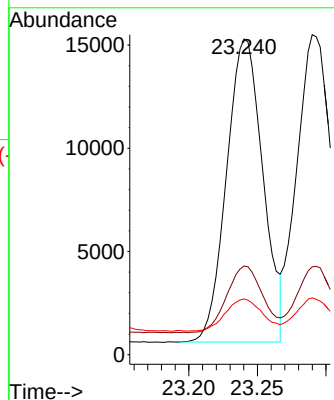
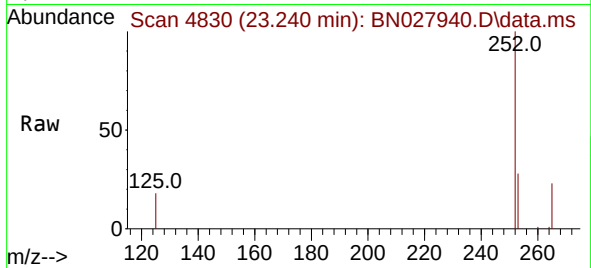




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.240 min Scan# 4832
Delta R.T. 0.000 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

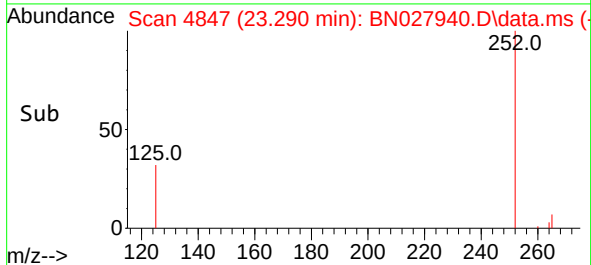
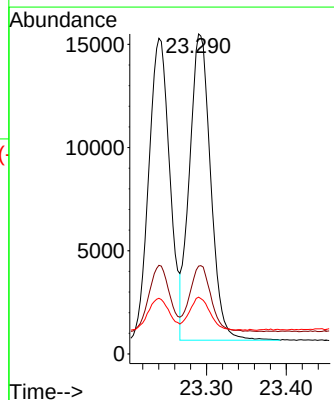
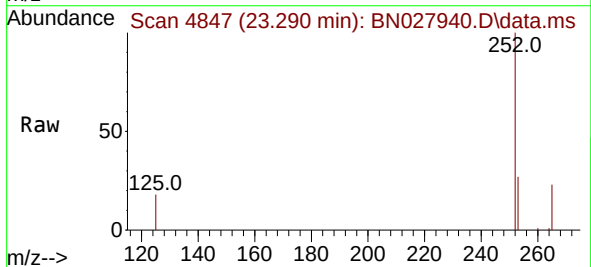
Instrument :
BNA_N
ClientSampleId :
SLCS818

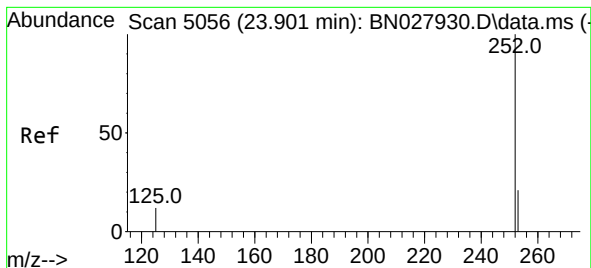
Tgt Ion:252 Resp: 27101
Ion Ratio Lower Upper
252 100
253 28.1 0.0 50.2
125 17.6 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.290 min Scan# 4847
Delta R.T. -0.003 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Tgt Ion:252 Resp: 27337
Ion Ratio Lower Upper
252 100
253 27.5 19.9 29.9
125 17.8 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.895 min Scan# 5056

Delta R.T. 0.000 min

Lab File: BN027940.D

Acq: 28 Sep 2023 23:43

Instrument :

BNA_N

ClientSampleId :

SLCS818

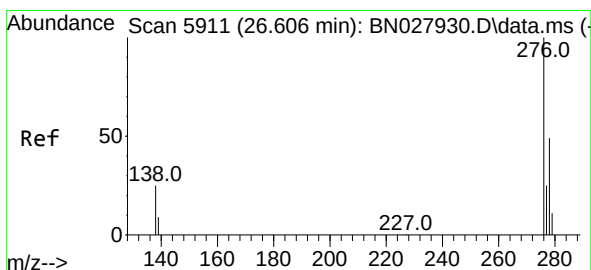
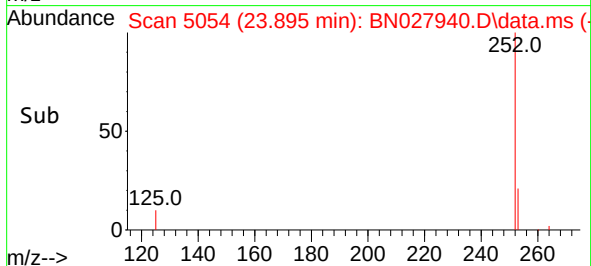
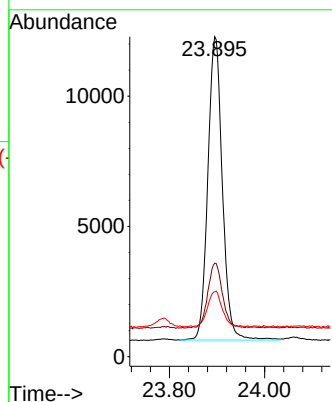
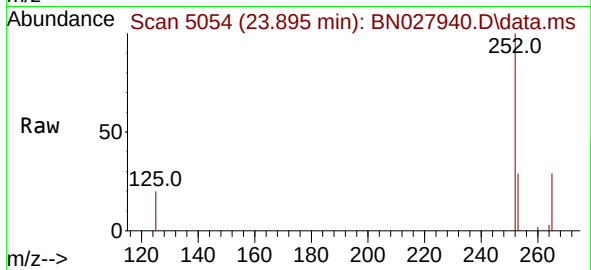
Tgt Ion:252 Resp: 24632

Ion Ratio Lower Upper

252 100

253 29.2 21.9 32.9

125 20.3 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/ul

RT: 26.609 min Scan# 5912

Delta R.T. 0.010 min

Lab File: BN027940.D

Acq: 28 Sep 2023 23:43

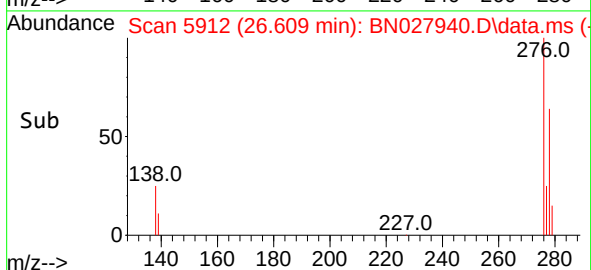
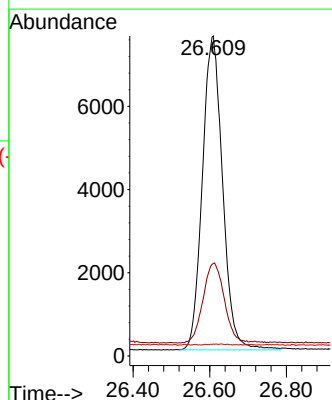
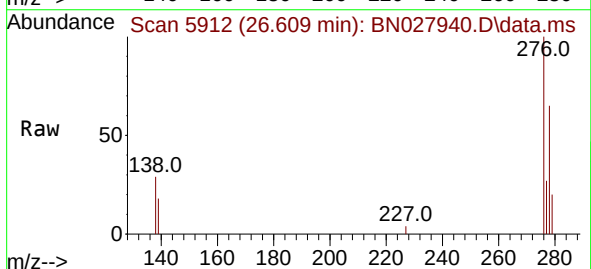
Tgt Ion:276 Resp: 27652

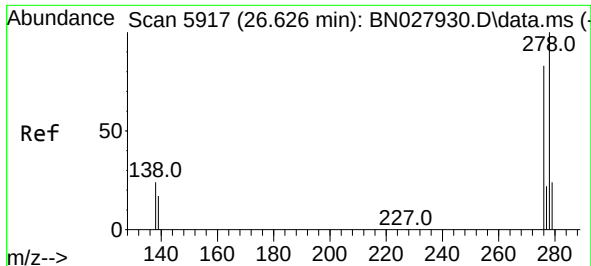
Ion Ratio Lower Upper

276 100

138 26.7 24.3 36.5

227 0.1 0.0 0.0#

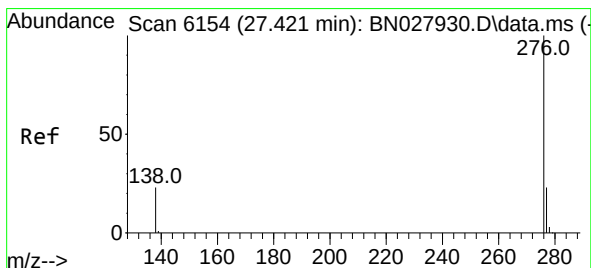
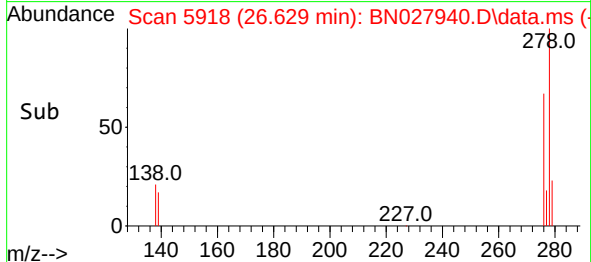
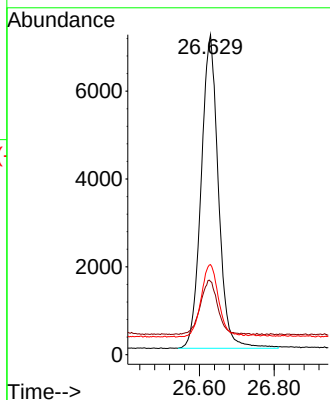
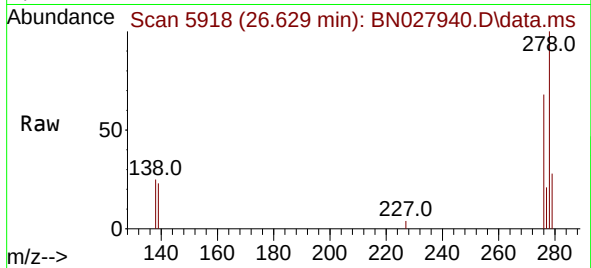




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.629 min Scan# 5917
Delta R.T. 0.007 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:278 Resp: 22792
Ion Ratio Lower Upper
278 100
139 22.9 17.2 25.8
279 28.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 27.418 min Scan# 6153
Delta R.T. 0.007 min
Lab File: BN027940.D
Acq: 28 Sep 2023 23:43

Tgt Ion:276 Resp: 22323
Ion Ratio Lower Upper
276 100
138 27.6 21.7 32.5
277 26.5 20.2 30.2

